

# ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEMENTARY SCHOOL

1 GLOVER AVE. HADDONFIELD, NJ 08033  
FOR THE HADDONFIELD PUBLIC SCHOOLS BOARD OF EDUCATION

**ISSUE FOR BID - 08/13/2026**

## LEGEND AND SYMBOLS

|                        |                      |  |                       |          |
|------------------------|----------------------|--|-----------------------|----------|
| BUILDING SECTION       | DWG. NO. SHEET NO.   |  | DOOR TAG              |          |
| BUILDING ELEVATION     | DWG. NO. SHEET NO.   |  | WINDOW TAG            |          |
| DETAIL                 | DETAIL NO. SHEET NO. |  | EQUIPMENT TAG         |          |
| INTERIOR ELEVATIONS    | DWG. NO. SHEET NO.   |  | PLUMBING FIXTURE TAG  |          |
| REVISION CLOUD AND TAG |                      |  | CONSTRUCTION KEY NOTE |          |
|                        |                      |  | DEMOLITION KEY NOTE   |          |
|                        |                      |  | WALL TYPE             |          |
| DRAWING TITLE          | DWG. NO. SHEET NO.   |  | ROOM TAG              |          |
|                        |                      |  | ROOM NAME             | BATHROOM |
|                        |                      |  | ROOM NO.              | 101      |
| DWG. SCALE             |                      |  |                       |          |

## VIEW OF ADDITION

NOTE: RENDERING IS FOR REFERENCE ONLY. CONDITIONS MAY VARY - SEE FULL SET OF PLANS.



## ABBREVIATIONS

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| A/C AIR CONDITIONING                          | ID INSIDE DIAMETER                     |
| ACT ACOUSTICAL CEILING TILE                   | INSUL INSULATION                       |
| ADJ ADJUSTABLE                                | LL LANDLORD                            |
| AFF ABOVE FINISHED FLOOR                      | MAX MAXIMUM                            |
| ALUM ALUMINUM                                 | MEP MECHANICAL, ELECTRICAL, & PLUMBING |
| AMP AMPERE                                    | MFR MANUFACTURER                       |
| ARCH ARCHITECT                                | MIN MINIMUM                            |
| BLDG BUILDING                                 | MO MASONRY OPENING                     |
| BOH BACK OF HOUSE                             | MTL METAL                              |
| BOD BOTTOM OF DECK                            | NIC NOT IN CONTRACT                    |
|                                               | NTS NOT TO SCALE                       |
| CAB CABINET                                   | OA OVERALL                             |
| CJ CONTROL JOINT                              | OC ON CENTER                           |
| CL CENTER LINE                                | OD OUTSIDE DIAMETER                    |
| CLG CEILING                                   | OH OPPOSITE HAND                       |
| CM CONSTRUCTION MANAGER                       | PLM PLASTIC LAMINATE                   |
| CMU CONCRETE MASONRY UNIT                     | PM PROJECT MANAGER                     |
| COL COLUMN                                    | POS POINT OF SALE                      |
| CONC CONCRETE                                 | PT PRESSURE TREATED                    |
| CONT CONTINUED                                | PTD PAINTED                            |
| CT CERAMIC TILE                               | R RADIUS                               |
| CTR CENTER                                    | REF REFERENCE                          |
|                                               | REQ REQUIRED                           |
| DEG DEGREE                                    | REV REVISION                           |
| DET DETAIL                                    | RO ROUGH OPENING                       |
| DIA DIAMETER                                  | SC SOLID CORE                          |
| DIM DIMENSION                                 | SF SQUARE FEET                         |
| DN DOWN                                       | SIM SIMILAR                            |
| (E) EXISTING                                  | SPEC SPECIFICATION                     |
| EA EACH                                       | SQ SQUARE                              |
| EJ EXPANSION JOINT                            | SS STAINLESS STEEL                     |
| EL ELEVATION                                  | STG STORAGE                            |
| EQ EQUAL                                      | STL STEEL                              |
| ETR EXISTING TO REMAIN                        | TEMP TEMPORARY                         |
| EXIST EXISTING                                | TOS TOP OF STEEL                       |
| EXT EXTERIOR                                  | TYP TYPICAL                            |
| FEC FIRE EXTINGUISHER CABINET                 | UNO UNLESS NOTED OTHERWISE             |
| F&E FURNITURE, FIXTURE, AND EQUIPMENT         | UNO UNLESS OTHERWISE NOTED             |
| FLR FLOOR                                     | VCB VINYL COVE BASE                    |
| FT FOOT-FEET                                  | VCT VINYL COMPOSITE TILE               |
|                                               | VERT VERTICAL                          |
| GA GAUGE                                      | VIF VERIFY IN FIELD                    |
| GALV GALVANIZED                               | VT VINYL TILE                          |
| GC GENERAL CONTRACTOR                         | WD WOOD                                |
| GWB GYPSUM WALLBOARD                          | WH WATER HEATER                        |
| GYP GYPSUM BOARD                              | WI WITH                                |
| HC HOLLOW CORE                                |                                        |
| HDW HARDWARE                                  |                                        |
| HM HOLLOW METAL                               |                                        |
| HORIZ HORIZONTAL                              |                                        |
| HR HOUR                                       |                                        |
| HT HEIGHT                                     |                                        |
| HVAC HEATING, VENTILATING, & AIR CONDITIONING |                                        |

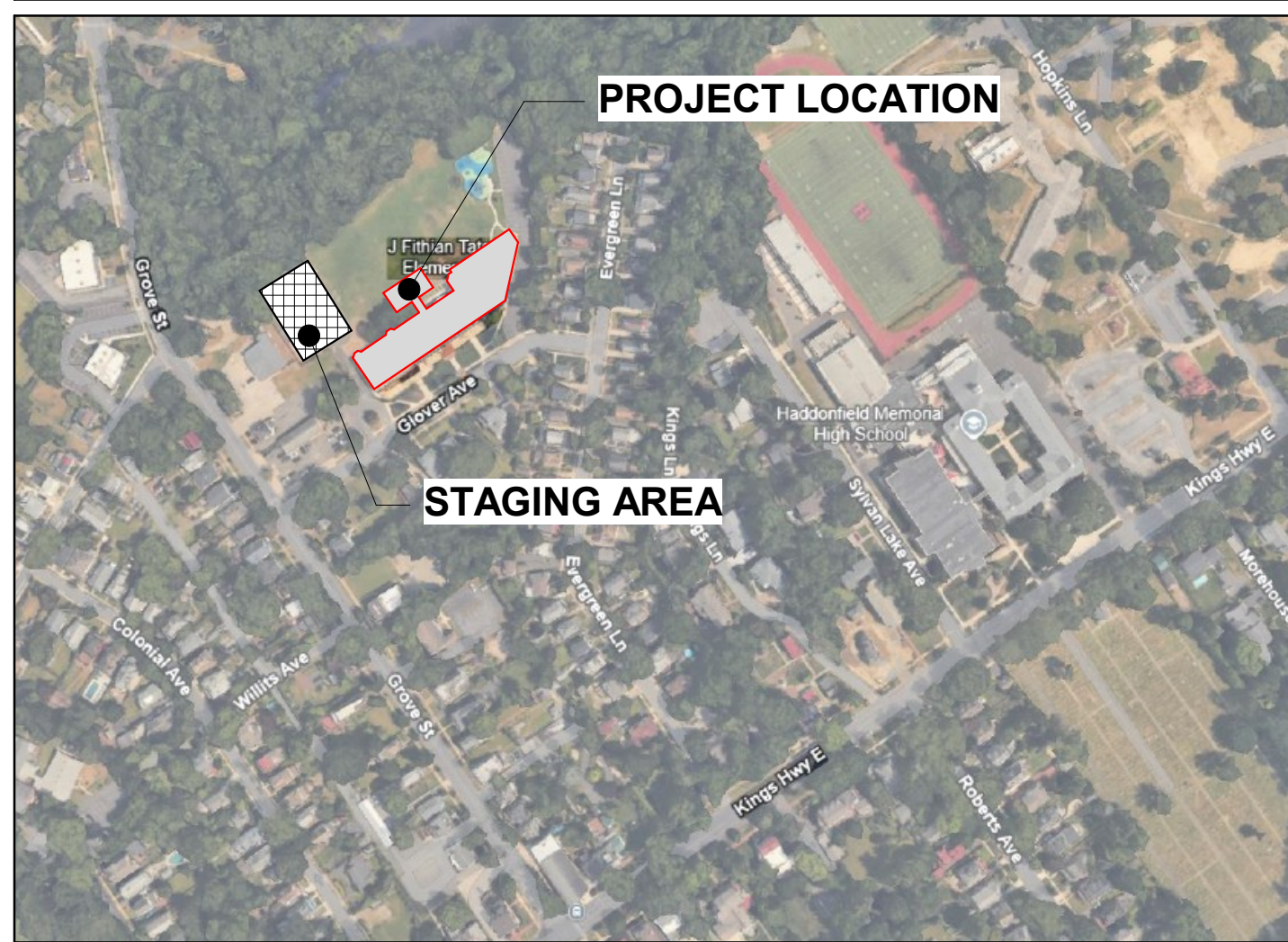
## PROJECT SUMMARY

THE PROJECT CONSISTS OF A TWO-STORY ADDITION TO THE EXISTING J.F. TATEM ELEMENTARY SCHOOL BUILDING. THE ADDITION WILL INCLUDE TWO NEW CLASSROOMS, ASSOCIATED STORAGE AREAS, TOILET ROOMS, AND A NEW MEDIA CENTER. THE ADDITION IS INTENDED TO PROVIDE UPDATED INSTRUCTIONAL AND SUPPORT SPACES WHILE IMPROVING THE FUNCTIONAL ORGANIZATION OF THE SCHOOL.

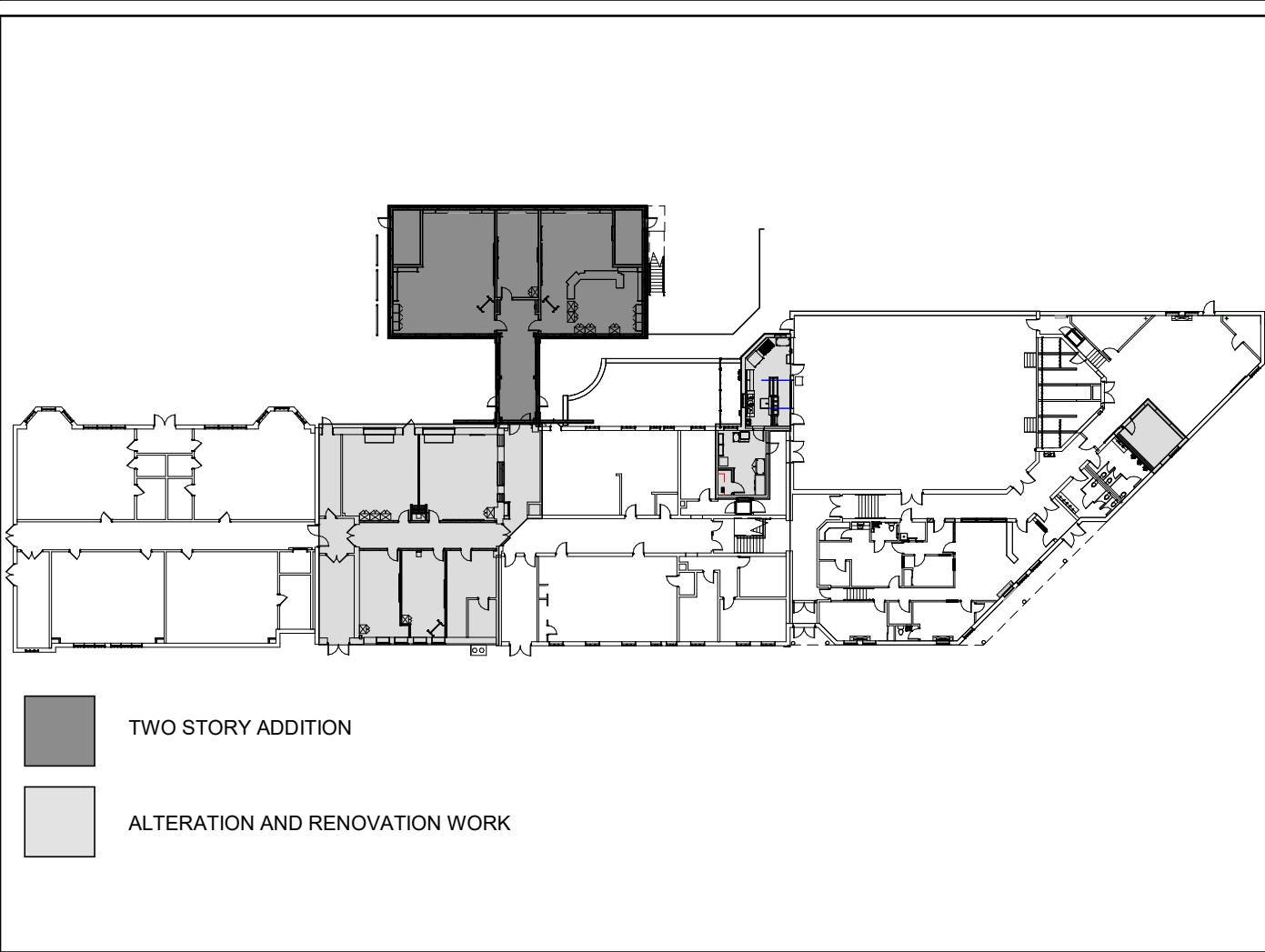
THE PROJECT ALSO INCLUDES ALTERATIONS TO THE EXISTING MEDIA CENTER, WHICH WILL BE CONVERTED INTO A NEW OT/PT SUITE. THIS WORK WILL RECONFIGURE THE EXISTING SPACE TO SUPPORT OCCUPATIONAL THERAPY AND PHYSICAL THERAPY FUNCTIONS, INCLUDING APPROPRIATE SUPPORT AREAS AND ADJACENCY TO THE SCHOOL'S EXISTING PROGRAM SPACES.

ADDITIONAL WORK INCLUDES RENOVATIONS TO THE EXISTING KITCHEN AREA, AS WELL AS LIMITED INTERIOR RENOVATIONS TO CREATE A NEW ENTRANCE TO THE NURSE'S SUITE AND TO ADD A NEW OFFICE. THE RENOVATION WORK WILL BE COORDINATED WITH THE EXISTING BUILDING CONDITIONS AND WILL INCLUDE ASSOCIATED ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND LIFE SAFETY MODIFICATIONS AS REQUIRED TO SUPPORT THE NEW AND RENOVATED SPACES.

## LOCATION MAP



## KEY PLAN



## DRAWING INDEX

| SHEET NO.     | TITLE                                                    | SHEET NO.       | TITLE                                      |
|---------------|----------------------------------------------------------|-----------------|--------------------------------------------|
| TITLE SHEET   |                                                          | STRUCTURAL      |                                            |
| T0.01         | TITLE SHEET                                              | S0.00           | STRUCTURAL LEAD SHEET & SCHEDULES          |
| T0.02         | ACCESSIBILITY DIAGRAMS, NOTES & SIGNAGE                  | S0.10           | STRUCTURAL LEAD SHEET & SCHEDULES          |
| T0.03         | LIFE SAFETY PLANS & CODE ANALYSIS                        | S0.20           | STRUCTURAL SPECIAL INSPECTION TABLES       |
| T0.04         | LIFE SAFETY PLANS & CODE ANALYSIS                        | S0.30           | STRUCTURAL SPECIAL INSPECTION TABLES       |
| T0.05         | UL TYPES                                                 | S1.00           | FOUNDATION PLAN                            |
| T0.06         | STAGING AND PHASING                                      | S1.10           | SECOND FLOOR FRAMING PLAN                  |
| CIVIL         |                                                          | S1.20           | ROOF FRAMING PLAN                          |
| C1.01         | EXISTING CONDITIONS PLANS                                | S1.30           | PARTIAL EXISTING FRAMING PLAN              |
| C2.01         | PROPOSED SITE PLAN                                       | S2.00           | TYPICAL CONCRETE DETAILS                   |
| C3.01         | PROPOSED SITE & UTILITY PLAN                             | S2.10           | TYPICAL MASONRY DETAILS                    |
| C8.01         | SOIL EROSION & SEDIMENT CONTROL PLAN                     | S2.11           | TYPICAL MASONRY DETAILS                    |
| C8.02         | SESC NOTES & DETAILS                                     | S2.20           | TYPICAL STEEL DETAILS                      |
| C9.01         | CONSTRUCTION DETAILS                                     | S3.00           | FOUNDATION SECTIONS                        |
| C9.02         | CONSTRUCTION DETAILS                                     | S3.10           | SECOND FLOOR SECTIONS                      |
| ARCHITECTURAL |                                                          | S3.20           | ROOF SECTIONS                              |
| A1.01         | GROUND FLOOR DEMOLITION PLAN                             | MECHANICAL      |                                            |
| A1.02         | FIRST AND SECOND FLOOR DEMOLITION PLAN                   | M0.01           | NOTES, SYMBOLS, & ABBREVIATIONS            |
| A1.03         | GROUND AND 1ST FLOOR RCP DEMOLITION PLAN                 | M1.01           | FIRST FLOOR MECHANICAL DEMOLITION PLAN     |
| A1.04         | DEMO ELEVATIONS AND PHOTOS                               | M1.02           | SECOND FLOOR AND LOWER ROOF MECH DEMO PLAN |
| A2.00         | PROPOSED SITE PLAN                                       | M2.01           | PARTIAL FIRST FLOOR DUCTWORK PLAN          |
| A2.01         | PROPOSED GROUND FLOOR PLAN                               | M2.02           | PARTIAL SECOND FLOOR DUCTWORK PLAN         |
| A2.02         | PROPOSED GROUND FLOOR PLAN - ADDITION                    | M3.01           | PARTIAL FIRST FLOOR PIPING PLAN            |
| A2.03         | PROPOSED FIRST FLOOR PLAN / LOW ROOF BELOW               | M3.02           | PARTIAL SECOND FLOOR PIPING PLAN           |
| A2.04         | PROPOSED UPPER FLOOR PLAN - ADDITION                     | M6.01           | MECHANICAL SCHEDULE                        |
| A2.05         | 2ND FLOOR AND OVERALL ROOF PLAN                          | M6.02           | MECHANICAL SCHEDULE                        |
| A2.06         | PROPOSED ADDITION ROOF PLAN                              | M6.03           | MECHANICAL DETAILS                         |
| A2.07         | ROOF DETAILS                                             | M6.04           | MECHANICAL DETAILS                         |
| A3.01         | BUILDING ELEVATIONS - ADDITION                           | M6.05           | MECHANICAL KITCHEN DETAILS                 |
| A3.02         | BUILDING ELEVATIONS - ADDITION                           | M6.06           | MECHANICAL KITCHEN DETAILS                 |
| A4.00         | WALL TYPES                                               | M6.07           | MECHANICAL KITCHEN DETAILS                 |
| A4.01         | BUILDING SECTIONS                                        | M6.08           | MECHANICAL KITCHEN DETAILS                 |
| A4.02         | WALL SECTIONS                                            | M6.09           | MECHANICAL KITCHEN DETAILS                 |
| A4.03         | WALL DETAILS                                             | M6.10           | MECHANICAL KITCHEN DETAILS                 |
| A4.04         | STAIR PLANS, SECTION & DETAILS                           | M6.11           | MECHANICAL KITCHEN DETAILS                 |
| A5.01         | REFLECTED CEILING PLAN                                   | M6.12           | MECHANICAL KITCHEN DETAILS                 |
| A5.02         | REFLECTED CEILING PLAN - GROUND FL - ADDITION            | M6.13           | MECHANICAL CONTROL DIAGRAMS                |
| A5.03         | REFLECTED CEILING PLAN                                   | M6.14           | MECHANICAL CONTROL DIAGRAMS                |
| A5.04         | REFLECTED CEILING PLAN - UPPER FL - ADDITION             | PLUMBING        |                                            |
| A6.01         | DOOR SCHEDULE, DOOR TYPES & DETAILS                      | P1.01           | PLUMBING DEMOLITION PLANS & NOTES          |
| A6.02         | WINDOW & STOREFRONT SCHEDULE, TYPES & DETAILS            | P2.01           | 1ST FLOOR PLUMBING PLAN                    |
| A6.03         | STOREFRONT ELEVATIONS                                    | P2.02           | 2ND FLR & ROOF PLUMBING PLANS              |
| A7.00         | INTERIOR ELEVATIONS - ADDITION                           | P4.01           | ENLARGED PLANS - SANITARY & DOMESTIC       |
| A7.01         | INTERIOR ELEVATIONS - ADDITION                           | P4.02           | ENLARGED PLANS - KITCHEN GAS               |
| A7.02         | INTERIOR ELEVATIONS - ADDITION                           | P5.01           | PLUMBING RISERS & DETAILS                  |
| A7.03         | ENLARGED PLANS AND ELEVATIONS - KITCHEN / PANTRY         | P5.02           | PLUMBING GAS PLANS, RISER & DETAILS        |
| A7.04         | ENLARGED PLANS AND ELEVATIONS - OT / PT SUITE            | P6.01           | PLUMBING SCHEDULE & DETAILS                |
| A7.05         | ENLARGED PLANS AND ELEVATIONS - GUIDANCE AND SGI         | ELECTRICAL      |                                            |
| A7.06         | ENLARGED PLANS AND ELEVATIONS - NURSE'S SUITE AND OFFICE | E0.01           | SYMBOL, ABBR., AND GENERAL NOTES           |
| A7.07         | CIRCULATION DESK DETAILS                                 | E0.02           | ELECTRICAL GENERAL NOTES                   |
| A9.01         | FINISH PLANS - GROUND FLOOR                              | E0.03           | ELECTRICAL DEMOLITION GENERAL NOTES        |
| A9.02         | FINISH PLANS - 1ST FL                                    | E0.04           | FIRE ALARM GENERAL NOTES                   |
|               |                                                          | E1.01           | ELECTRICAL DEMOLITION PLAN                 |
|               |                                                          | E2.01           | ELECTRICAL POWER PLAN                      |
|               |                                                          | E2.02           | ELECTRICAL POWER PLAN                      |
|               |                                                          | E5.01           | ELECTRICAL LIGHTING PLAN                   |
|               |                                                          | E5.02           | ELECTRICAL LIGHTING PLAN                   |
|               |                                                          | E6.01           | ELECTRICAL SINGLE LINE                     |
|               |                                                          | E6.02           | TYPICAL LIGHTING CONTROL DETAILS           |
|               |                                                          | FIRE PROTECTION |                                            |
|               |                                                          | FP0.01          | FIRE PROTECTION NOTES AND ABBREVIATIONS    |
|               |                                                          | FP1.01          | GROUND FLOOR FIRE PROTECTION PLAN          |
|               |                                                          | FP1.02          | FIRST FLOOR FIRE PROTECTION PLAN           |
|               |                                                          | FP4.0.1         | FIRE PROTECTION ELEVATIONS                 |
|               |                                                          | FP5.01          | FIRE PROTECTION DETAILS                    |
|               |                                                          | FP5.02          | FIRE PROTECTION DETAILS                    |

|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
| Engr. Nos.                      | 24GA27837800 |
| Arch. Nos.                      | 21AC00012400 |
| Date                            | 08.13.2026   |
| Checked                         | TC           |
| Drawn                           | TB, KK       |

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT License No. NJ21A02015400

|          |             |
|----------|-------------|
| Date     | Description |
| 11/04/25 | BID ISSUE   |

PRELIMINARY  
NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

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TITLE SHEET  
ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No.

T0.01

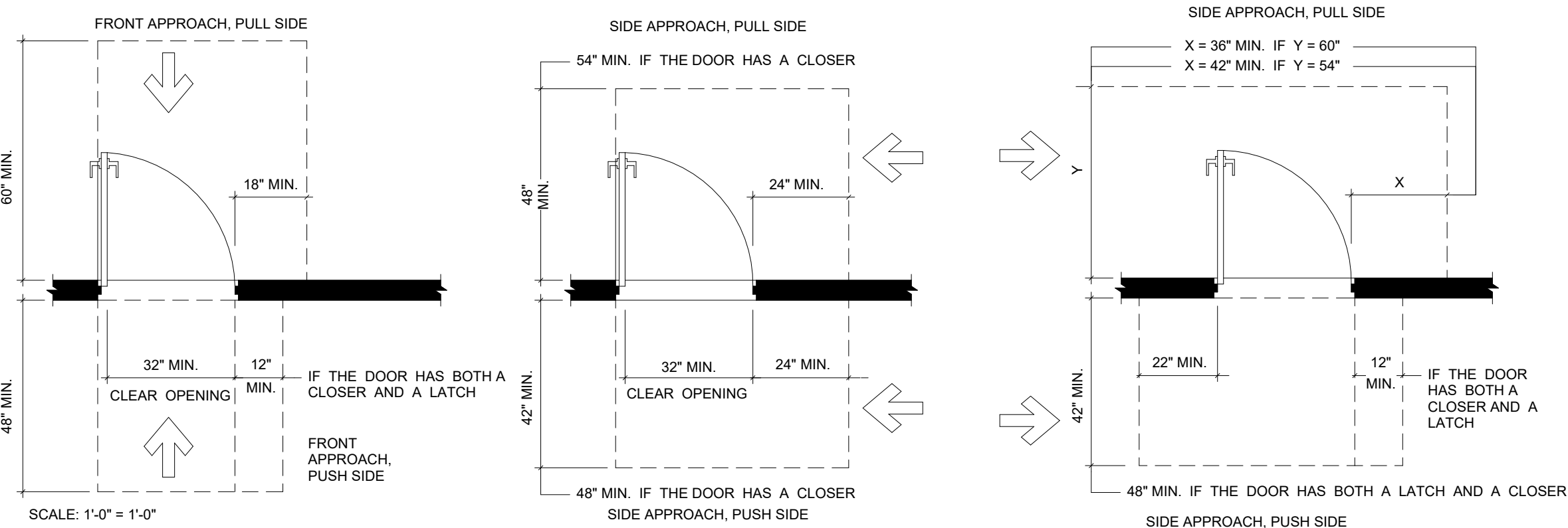


## ACCESSIBLE CLEARANCES:

## ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES ICC A117.1-2017 NATIONAL STANDARD

APPLICATION: THE A117.1-2009 APPLIES TO THE ENTIRE BUILDING AND SITE, INCLUDING, BUT NOT LIMITED TO ALL CLASSROOM, SUPPORT, COMMON SPACES, AND EXTERIOR ACCESSIBILITY WITHIN THE SITE BOUNDARY. SEE CIVIL ENGINEERING AND LANDSCAPE ARCHITECTURE DRAWINGS FOR ALL EXTERIOR SIDEWALK AND PARKING LOT RELATED COMPLIANCE INFORMATION

## ANSI A117.1 - CHAPTER 4: ACCESSIBLE ROUTES &amp; CHAPTER 3 BUILDING BLOCKS

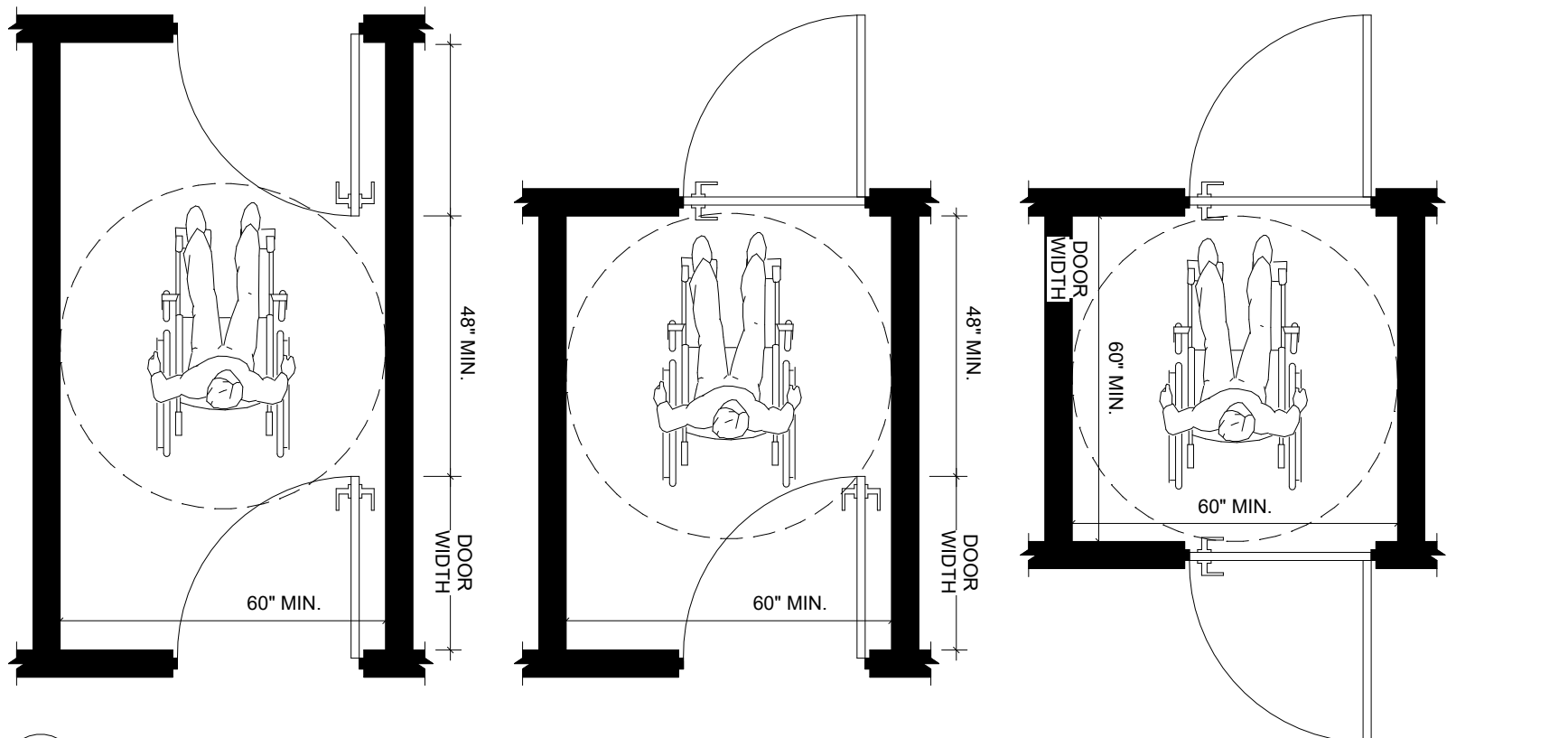


A DOOR MANEUVER CLEARANCES  
N.T.S.

B DOOR MANEUVER CLEARANCES  
N.T.S.

C DOOR MANEUVER CLEARANCES  
N.T.S.

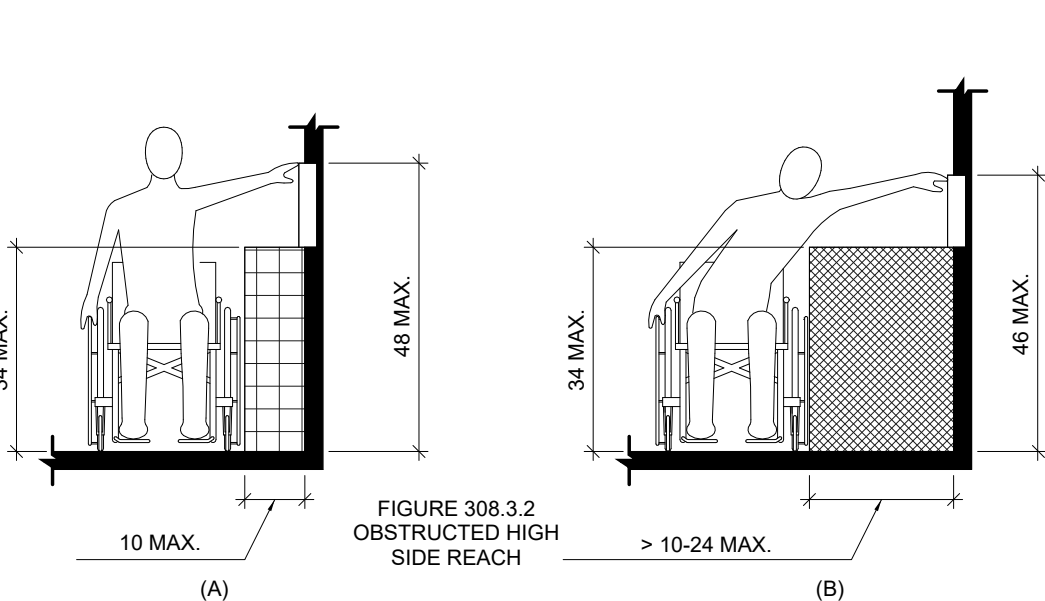
## ANSI A117.1 - CHAPTER 3: BUILDING BLOCKS



D DOOR MANEUVER CLEARANCES - TWO HINGED DOORS IN SERIES  
N.T.S.

## ADA STANDARDS FOR ACCESSIBLE DESIGN 2010

APPLICATION: THE ADA 2010 STANDARD APPLIES TO THE ENTIRE BUILDING AND SITE, INCLUDING, BUT NOT LIMITED TO ALL CLASSROOM, SUPPORT, COMMON SPACES, AND EXTERIOR ACCESSIBILITY WITHIN THE SITE BOUNDARY. SEE CIVIL ENGINEERING AND LANDSCAPE ARCHITECTURE DRAWINGS FOR ALL EXTERIOR SIDEWALK AND PARKING LOT RELATED COMPLIANCE INFORMATION

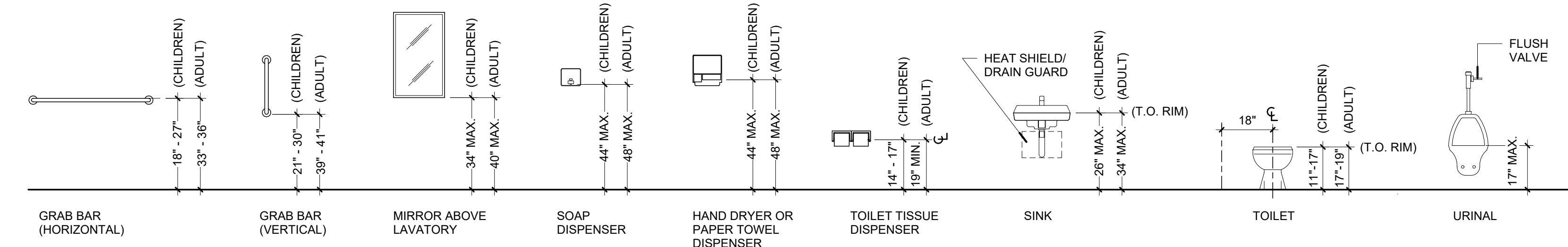


3 ACCESSIBLE SIDE REACH  
T.O. 02 3/8" = 1'-0"

4 ACCESSIBLE FORWARD REACH  
T.O. 02 3/8" = 1'-0"

6 ACCESSIBLE VERTICAL CLEARANCE  
T.O. 02 3/8" = 1'-0"

5 CANE DETECTION  
T.O. 02 3/8" = 1'-0"



1 MOUNTING HEIGHTS - ADULT & CHILDREN  
T.O. 02 N.T.S.

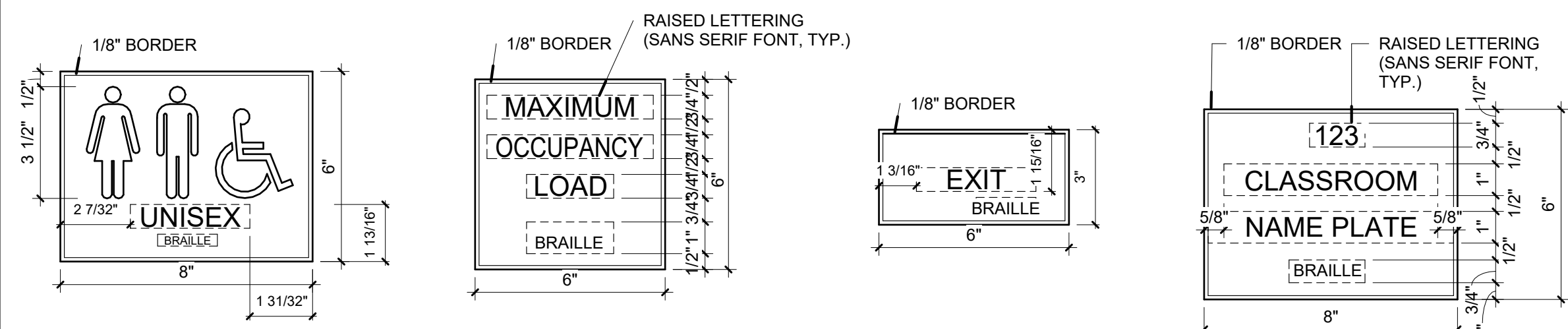
## GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE-2021 NEW JERSEY EDITION AND ALL OTHER APPLICABLE CODES, ORDINANCES, ETC. FOR NEW JERSEY STATE AND THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS AND COMMENCING WORK.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFE WORKING CONDITIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL APPLY. CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR STRUCTURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION METHODS, PROCEDURES AND JOB SITE CONDITIONS INCLUDING SAFETY. CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER TO PROTECT WORKMEN, OCCUPANTS AND THE PUBLIC FROM INJURY AND ADJOINING PROPERTY SHALL BE PROTECTED FROM DAMAGE BY USE OF SCAFFOLDING, UNDERPINNING OR OTHER APPROVED METHOD. THE CONTRACTOR SHALL REPAIR ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM HIS OPERATIONS IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN, DEBRIS FREE CONDITION. THE DUST RESULTING FROM REMOVALS SHALL BE CONTROLLED SO AS TO PREVENT ITS SPREAD TO OCCUPIED PORTIONS OF THE BUILDING AND TO AVOID CREATION OF A NUISANCE IN THE SURROUNDING AREA.
- CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS, APPROVALS, ETC. PRIOR TO COMMENCING WORK AND SHALL SECURE CERTIFICATE OF OCCUPANCY UPON COMPLETION OF WORK. ALL PERMIT FEES ARE TO BE PAID BY THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OFF SITE IN AN APPROVED MANNER. THE OWNER SHALL BE CONSULTED PRIOR TO DISPOSAL OF ANY SALVAGED OR EXCESS MATERIALS AT THE COMPLETION OF THE PROJECT.
- UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
- ALL WORK SHALL BE SCHEDULED IN COMPLIANCE WITH THE OWNER'S REQUIREMENTS FOR THE USE OF THE EXISTING FACILITY.
- CONTRACTOR SHALL FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION AND TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED DURING THE COURSE OF HIS WORK AND TO ENSURE THE OWNER'S FACILITY TO BE OPERATIONAL.
- THE CONTRACTOR SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES AND ADDRESS ALL QUESTIONS TO ARCHITECT PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING, FILLING AND CLEANING UPON COMPLETION OF WORK.
- THE CONTRACTOR SHALL NOT SCALE DRAWINGS FOR DIMENSIONS. ALL WRITTEN OR DIMENSIONED INFORMATION TAKES PRECEDENCE OVER THE DRAWING.
- THE CONTRACTOR SHALL SUBMIT, WHERE REQUIRED, SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL PRIOR TO THE START OF FABRICATION OF THOSE ITEMS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL PROVIDE THE OWNER AND ARCHITECT WITH CERTIFICATES OF INSURANCE PRIOR TO STARTING THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND BRACING OF EXISTING STRUCTURES AS NEEDED TO COMPLETE THE NEW WORK.
- ALL MANUFACTURER'S MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC. SHALL BE HANDLED AND INSTALLED IN ACCORDANCE TO WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. WHERE BRAND NAMES AND MANUFACTURED PRODUCTS ARE CALLED FOR, APPROVED EQUALS WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS MAY BE SUBSTITUTED WITH WRITTEN PERMISSION OF THE ARCHITECT AND THE OWNER. WHENEVER BRAND NAMES OR SPECIFIC PRODUCT SYSTEMS ARE INDICATED IT SHALL BE CLEARLY UNDERSTOOD THAT SUCH IDENTIFICATION IS FOR THE PURPOSE OF ILLUSTRATING THE TYPE OF PRODUCT AND DEGREE OF QUALITY DESIRED. SUCH IDENTIFICATION IN NO WAY PRECLUDES THE CONTRACTOR FROM USING PRODUCTS OF OTHER MANUFACTURERS WHICH CAN BE SHOWN IN ADVANCE TO BE OF LIKE AND OF EQUAL QUALITY.
- ALL CHANGES SHALL BE REQUESTED IN WRITING AND MAY ONLY BE APPROVED IN WRITING BY THE ARCHITECT AND THE OWNER PRIOR TO ANY CHANGES BEING MADE.
- THE ARCHITECT HAS THE RIGHT TO REJECT ANY PORTION OF WORK THAT IS POORLY INSTALLED, DOES NOT MEET INDUSTRY STANDARD, UNAUTHORIZED, OR WORK DONE CONTRARY TO THE INTENT OF THE CONTRACT DOCUMENTS. SUCH WORK SHALL BE REPLACED, REPAIRED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL GUARANTEE ALL HIS WORK AND THE WORK OF HIS SUBCONTRACTORS FOR A PERIOD ONE YEAR AFTER RECEIVING FINAL ACCEPTANCE AND DO ALL REPAIR WORK AND REPLACEMENT AS NECESSARY DURING THAT PERIOD AT THE CONTRACTOR'S EXPENSE. (SEE SPEC. FOR COMPLETE INFORMATION)
- IN NO EVENT SHALL STRUCTURAL MEMBERS BE CUT OR DRILLED WITHOUT THE WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL PROVIDE SAFE AND SANITARY CONDITIONS WHERE DEMOLITION AND WRECKING OPERATIONS ARE BEING CARRIED ON. WORK SHALL BE EXECUTED IN SUCH A MANNER THAT HAZARD FROM FIRE, POSSIBILITY OF INJURY, DANGER TO HEALTH AND CONDITIONS WHICH MAY CONSTITUTE A PUBLIC NUISANCE SHALL BE MINIMIZED.

## INTERIOR SIGNAGE

## GENERAL INTERIOR SIGNAGE NOTE:

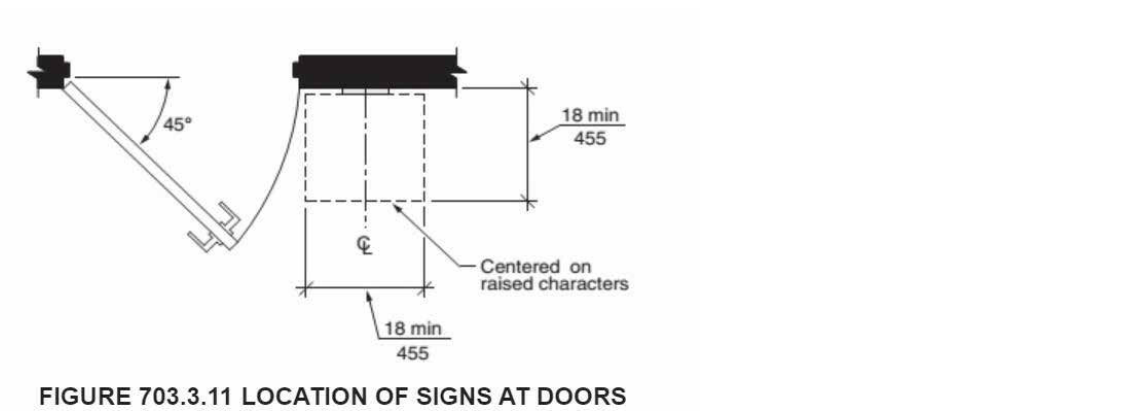
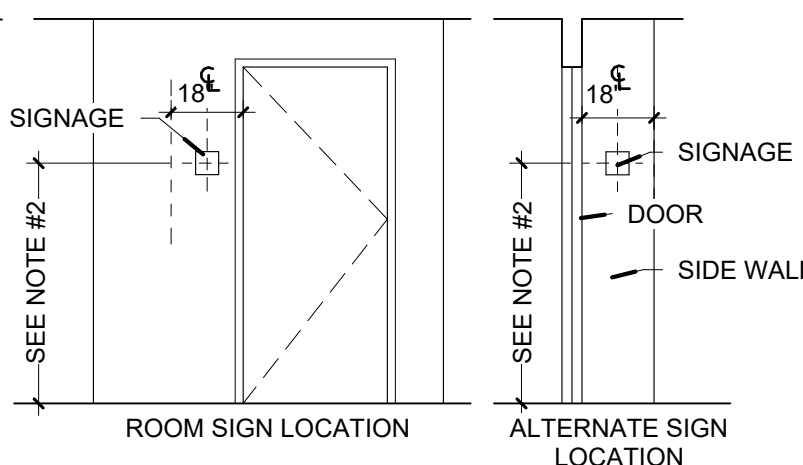
- RE: ELECTRICAL DRAWINGS FOR ALL ELECTRICAL EGRESS EXIT SIGN LOCATIONS
- RE: CIVIL DRAWINGS FOR ALL EXTERIOR PARKING AND SIGN LOCATIONS
- SIGNAGE SHALL BE SURFACE MOUNTED, MANUFACTURER STANDARD THICKNESS, ACRYLIC OR PHENOLIC PLATE WITH SURFACE APPLIED GRAPHICS. TACTILE SIGNS TO CONTAIN BOTH RAISED CHARACTERS & BRAILLE.
- TACTILE SIGNS RAISED CHARACTER HEIGHT TO BE 5/8" MIN & BE SANS SERIF TEXT AND TYPEFACE SHALL BE ACCESSIBLE RAISED CHARACTERS AND BRAILLE, AND WITH VARIABLE CONTENT AS SCHEDULED.
- BACKGROUND AND LETTERING COLORS TO BE SELECTED BY ARCHITECT.
- TACTILE SIGNS BRAILLE TO BE GRADE 2 & COMPLY WITH TABLE 703.4.3 IN 2017 ANSI.
- TACTILE SIGNS BRAILLE TO BE 3/8" MIN AWAY FROM OTHER RAISED CHARACTERS, BORDERS, & DECORATIVE ELEMENTS
- TACTILE SIGNS TO BE MOUNTED 54" (48" MIN) FROM FINISH FLOOR TO BOTTOM OF TACTILE LETTERING.
- TACTILE SIGNS TO BE MOUNTED 54" (48" MIN) FROM FINISH FLOOR TO BOTTOM OF TACTILE LETTERING.
- TACTILE SIGNS CHARACTERS/PICTOGRAMS/SYMBOLS OF ACCESSIBILITY & BACKGROUND TO BE NON-GLARE.
- TACTILE SIGNS TO CONTAIN EITHER LIGHT CHARACTERS/PICTOGRAMS/SYMBOLS OF ACCESSIBILITY ON A DARK BACKGROUND, OR DARK CHARACTERS/PICTOGRAMS/SYMBOLS OF ACCESSIBILITY ON A LIGHT BACKGROUND.
- TACTILE SIGNS TO BE LOCATED SO THAT A CLEAR FLOOR AREA OF 18" BY 18" MIN, CENTERED ON THE RAISED SIDE OF DOOR, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL.
- PICTOGRAMS TO HAVE A 6" MIN FIELD & NOT CONTAIN CHARACTERS OR BRAILLE.
- "YOU ARE HERE" EGRESS / EVACUATION MAPS REQUIRED AT ALL LOCATION DETERMINED BY AHI OR FIRE MARSHALL
- COORDINATE EXACT ROOM TEXT AND LOCATION WITH OWNER.



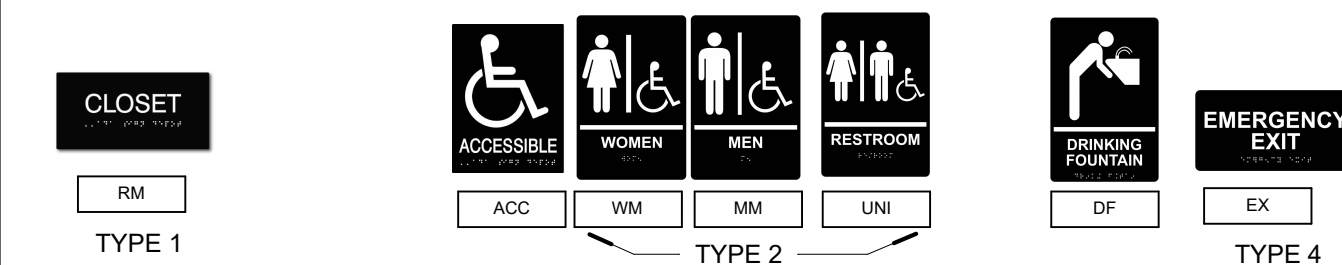
## SIGNAGE TYPE: 2 SIGNAGE TYPE: 3 SIGNAGE TYPE: 4 SIGNAGE TYPE: 5

## NOTE:

- IF WALL LOCATION DOES NOT PERMIT FOR THE SIGN TO BE PLACED AS SHOWN, USE THE ALTERNATE SIGN LOCATION AND/OR COORDINATE W/ OWNER PRIOR TO INSTALLATION.
- RAISED CHARACTERS SHALL BE 40" MIN. ABOVE THE FLOOR VIEWING POSITION, MEASURED TO THE BASELINE OF THE LOWEST RAISED CHARACTER AND 70" MAX. ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE HIGHEST RAISED CHARACTER.



## ACCESSIBLE SIGNAGE LEGEND:



## EXIT EGRESS &amp; STAIRS SIGNAGE: REQUIREMENTS.



## PARKING SIGN LEGEND: SEE CIVIL DRAWINGS FOR LOCATIONS



## EXIT SIGN LEGEND: SEE ELECTRICAL DRAWINGS FOR LOCATIONS



NJ Certificate of Authorization  
Eng'g. Nos. 24GA27937600  
Arch. Nos. 21AC00012400  
Date 08.13.2026  
Checked TC  
Drawn TB, KK  
JEFFREY POTTER, R.A.  
Title REGISTERED ARCHITECT License No. NJ21402015400

Date 11/04/25  
Description BID ISSUE

PRELIMINARY  
NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.  
LAN ASSOCIATES  
1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | f. 201-447-1233

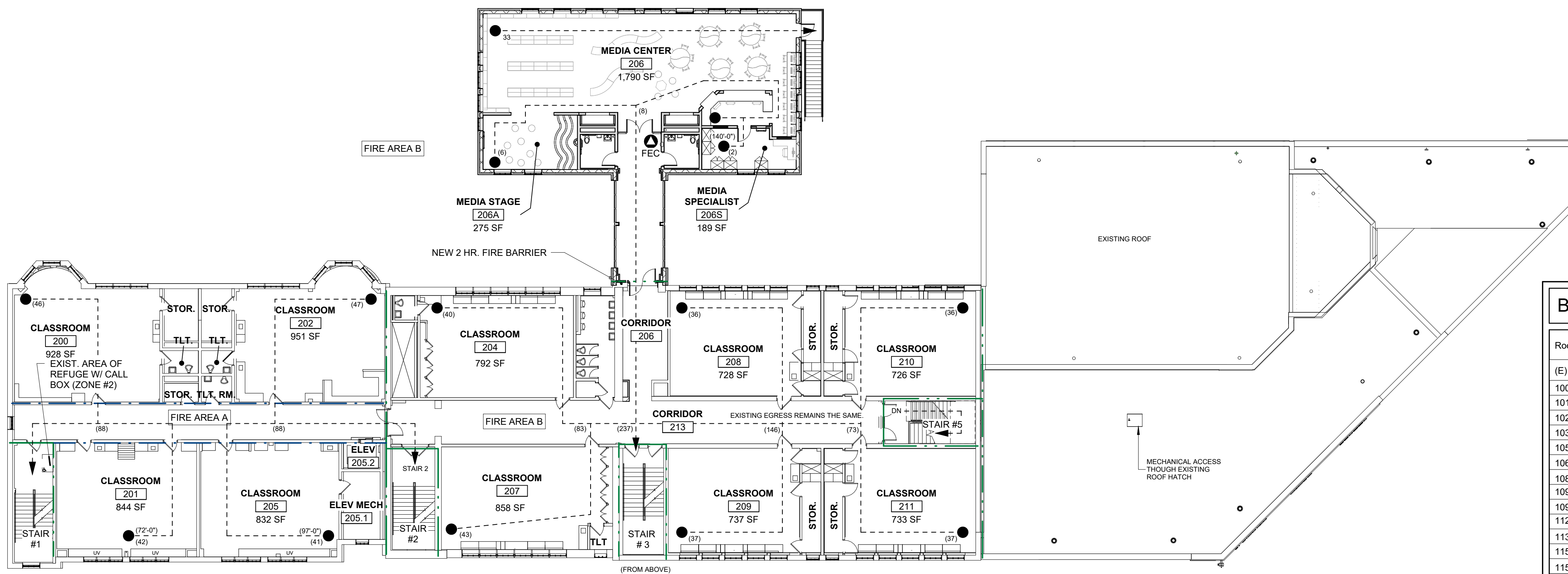
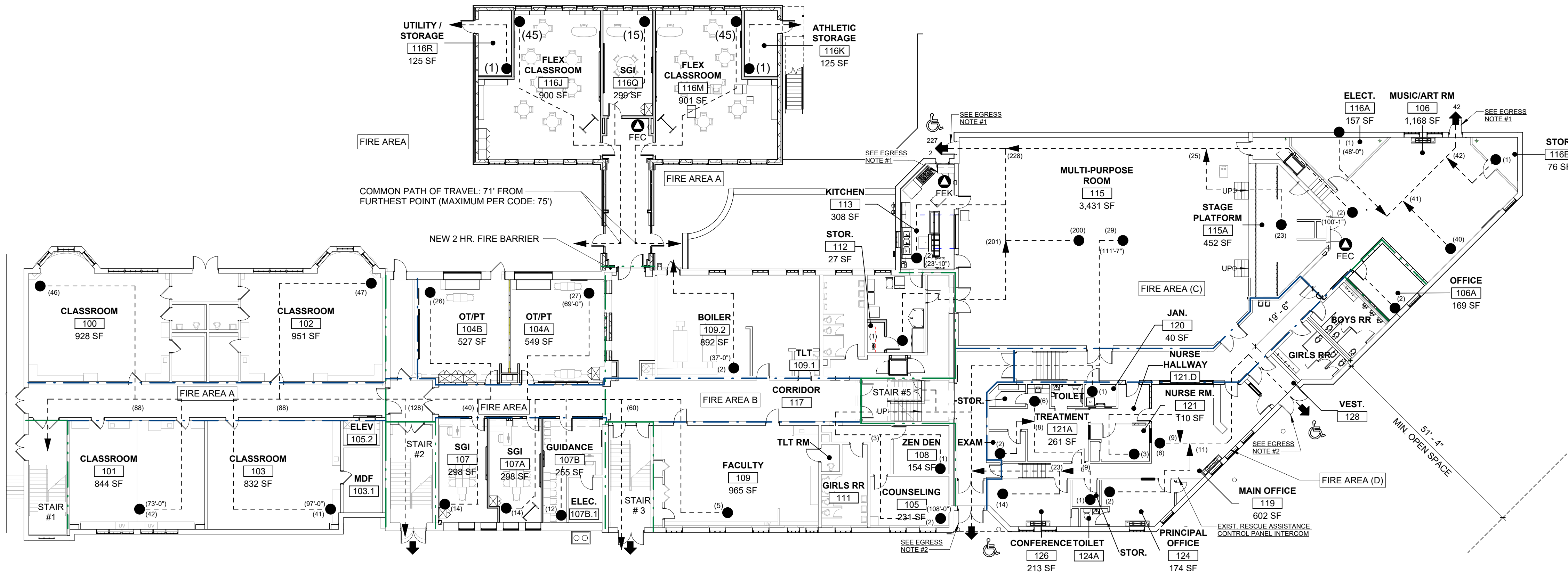
ACCESSIBILITY DIAGRAMS, NOTES & SIGNAGE  
ALTERATIONS & ADDITIONS TO J. FIFTHAN TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No.

T0.02





## EGRESS ANALYSIS

OCCUPANT LOAD

FLOOR AREA PER OCCUPANT BASED ON TABLE 1004.5 OF IBC, 2021

|                                                                            |                |
|----------------------------------------------------------------------------|----------------|
| CLASSROOMS                                                                 | 20 NSF         |
| VOCATIONAL ROOMS                                                           | 50 NSF         |
| ACCESSORY STORAGE                                                          | 300 NSF        |
| ASSEMBLY CONCENTRATED                                                      | 7 NSF          |
| ASSEMBLY UNCONCENTRATED                                                    | 15 NSF         |
| STAGES                                                                     | 15 NSF         |
| BUISNESS OFFICE                                                            | 150 GSF        |
| EXERCISE ROOMS                                                             | 50 GSF         |
| KITCHENS                                                                   | 200 GSF        |
| LIBRARY (READING ROOMS/STACKS)                                             | 50 NSF/100 GSF |
| OCCUPANT LOAD SUMMARY (TE)                                                 |                |
| DEPARTMENT: EDUCATIONAL                                                    |                |
| OCCUPANT LOAD FACTOR: 20 GROSS (CLASSROOM AREA) AREA: 5,234 SF (ADDITION). |                |
| # OF OCCUPANTS : 261 (FOR EGRESS PURPOSES)                                 |                |
| # OF OCCUPANTS : 106 (FOR PLUMBING PURPOSES)                               |                |

### EGRESS PLAN - SYMBOLS & LEGEND

NAME — ROOM/SPACE NAME  
 5 OCC — MAX. # OF OCCUPANTS  
 300 SF — ROOM/SPACE SQ. FT.

1-HR RATED PARTITION  
 2-HR RATED PARTITION

# OF OCCUPANTS — 5 — (5) — TOTAL # OF OCCUPANTS  
GATHERED @ THAT POINT

# OF OCCUPANTS — 5 —→ 5 — TOTAL # OF OCCUPANTS  
75' — (E) OCCUPANCY - MAXIMUM EXIT ACCESS TRAVEL DISTANCE TABLE 1006.2.1 (WITHOUT SPRINKLER)  
SINGLE EXIT ( WITH SPRINKER ALSO )

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE 200' (NS) 250' (S)

 SYMBOL DENOTES AN ACCESSIBLE MEANS OF EGRESS TO GRADE

## EGRESS ELEMENT NOTES

**NOTE #1**  
SINGLE LEAF DOOR: 3' - 0"  
ACTUAL CLEAR WIDTH: 2' - 10"  
EGRESS CAPACITY: (SPRINKLERED) 34" / 0.15" = 227 OCCUPANTS  
(NON-SPRINKLERED) 34" / 0.20" = 170 OCCUPANTS

**NOTE #2**  
DOUBLE LEAF DOOR: 6' - 0" (3' - 0" PER LEAF)  
ACTUAL CLEAR WIDTH: 5' - 8" (NO CENTER MULLION)  
EGRESS CAPACITY: (SPRINKLERED)  $68.5' / 0.15' = 457$  OCCUPANTS  
(NON-SPRINKLERED)  $68.5' / 0.20' = 343$  OCCUPANTS

NOTE #3 (IBC-NJ 1005.3.1.1 & 1005.3.2.1)  
EGRESS CAPACITY FACTOR:  
STAIRWAY = (SPRINKLERED, OTHER THAN GROUP H & I-2) 0.2" PER OCCUPANT (NON-  
SPRINKLERED) 0.3" PER OCCUPANT  
COMPONENTS OTHER THAN STAIRWAYS =  
(SPRINKLERED, OTHER THAN GROUP H & I-2) 0.15" PER OCCUPANT  
(NON-SPRINKLERED) 0.2" PER OCCUPANT

## FIRE EXTINGUISHER SCHEDULE

| SYMBOL                                                                                     | DESCRIPTION                                                                    | QUANTITY |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------|
| <br>FEC | MULTI-PURPOSE CLASS ABC (2A RATING), SEMI-RECESSED - IN CABINET                | 3        |
| <br>FEK | CLASS K WET CHEMICAL FIRE EXTINGUISHER<br>SATURN 15 OR EQUAL (UL 1-A-K RATING) | 1        |
|                                                                                            | TOTAL                                                                          | 4        |

\* PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH IBC-NJ 2021, SECTION 906, AND NFPA 10.

CLASS A (LIGHT HAZARD OCCUPANCY) LOCATIONS:

- 1) BASED ON ONE "2A" RATING FIRE EXTINGUISHER FOR EACH 6,000 S.F. OF FLOOR AREA OR FRACTION THERE OF.
- 2) 3,000 S.F. MAXIMUM FLOOR AREA PER UNIT OF "A", AND 11,250 S.F. OF MAXIMUM FLOOR AREA FOR EACH EXTINGUISHER.
- 3) 75' MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER.

## BUILDING OCCUPANCY SCHEDULE

| Room#                    | Room Name          | Area     | Max. Occ.<br>Load Factor | #<br>Occupants |
|--------------------------|--------------------|----------|--------------------------|----------------|
| (E) GROUND FL            |                    |          |                          |                |
| 100                      | CLASSROOM          | 928      | 20                       | 46             |
| 101                      | CLASSROOM          | 844      | 20                       | 42             |
| 102                      | CLASSROOM          | 951      | 20                       | 47             |
| 103                      | CLASSROOM          | 832      | 20                       | 41             |
| 105                      | COUNSELING         | 231 150  | 2                        |                |
| 106                      | MUSIC/ART RM       | 1,170 30 | 40                       |                |
| 108                      | ZEN DEN            | 154 150  | 1                        |                |
| 109                      | FACULTY            | 956 150  | 5                        |                |
| 109.2                    | BOILER             | 892 300  | 2                        |                |
| 112                      | STOR.              | 27 300   | 1                        |                |
| 113                      | KITCHEN            | 308 200  | 2                        |                |
| 115                      | MULTI-PURPOSE ROOM | 3,431 15 | 229                      |                |
| 115A                     | STAGE PLATFORM     | 452 20   | 23                       |                |
| 116A                     | ELECT.             | 157 300  | 1                        |                |
| 116B                     | STOR.              | 76 300   | 1                        |                |
| 119                      | MAIN OFFICE        | 602 150  | 6                        |                |
| 120                      | JAN.               | 40 300   | 1                        |                |
| 121                      | NURSE RM.          | 110 50   | 3                        |                |
| 121A                     | TREATMENT          | 261 50   | 6                        |                |
| 124                      | PRINCIPAL OFFICE   | 174 150  | 2                        |                |
| 126                      | CONFERENCE         | 213 15   | 14                       |                |
| SUBTOTAL                 |                    |          |                          | 515            |
| (NW) GROUND FL           |                    |          |                          |                |
| 104A                     | OT/PT              | 546 20   | 27                       |                |
| 104B                     | OT/PT              | 525 20   | 26                       |                |
| 106A                     | OFFICE             | 172 150  | 2                        |                |
| 107                      | SGI                | 296 20   | 14                       |                |
| 107A                     | SGI                | 296 20   | 14                       |                |
| 107B                     | GUIDANCE           | 253 20   | 12                       |                |
| 116J                     | FLEX CLASSROOM     | 900 20   | 45                       |                |
| SUBTOTAL                 |                    |          |                          | 140            |
| TOTAL NEW OCCUPANCY: 243 |                    |          |                          |                |

|             |                   |                |    |       |
|-------------|-------------------|----------------|----|-------|
| 116K        | ATHLETIC STORAGE  | 928            | 20 | 46    |
| 116M        | FLEX CLASSROOM    | 901 20         | 45 |       |
| 116R        | UTILITY / STORAGE | 127 300        | 1  |       |
| 116Q        | SGI               | 302 20         | 15 |       |
| SUBTOTAL    |                   |                |    | 62    |
| (E) 1ST FL  |                   |                |    |       |
| 200         | CLASSROOM         | 928 20         | 46 |       |
| 201         | CLASSROOM         | 844 20         | 42 |       |
| 202         | CLASSROOM         | 951 20         | 48 |       |
| 204         | CLASSROOM         | 792 20         | 40 |       |
| 205         | CLASSROOM         | 832 20         | 42 |       |
| 207         | CLASSROOM         | 858 20         | 43 |       |
| 208         | CLASSROOM         | 728 20         | 36 |       |
| 209         | CLASSROOM         | 737 20         | 37 |       |
| 210         | CLASSROOM         | 726 20         | 36 |       |
| 211         | CLASSROOM         | 733 20         | 37 |       |
| SUBTOTAL    |                   |                |    | 407   |
| (NW) 1ST FL |                   |                |    |       |
| 206         | MEDIA CENTER      | 1,790 50 & 100 | 33 |       |
| 206A        | MEDIA STAGE       | 275 50         | 6  |       |
| 206S        | MEDIA SPECIALIST  | 189 150        | 2  |       |
| SUBTOTAL    |                   |                |    | 41    |
| (E) 2ND FL  |                   |                |    |       |
| 300         | SCIENCE           | 872 20         | 44 |       |
| 301         | CLASSROOM         | 844 20         | 42 |       |
| 302         | ART               | 895 20         | 45 |       |
| 304         | CLASSROOM         | 789 20         | 39 |       |
| 305         | CLASSROOM         | 832 20         | 42 |       |
| 306         | SGI               | 230 20         | 12 |       |
| 309         | CLASSROOM         | 771 20         | 39 |       |
| 310         | CLASSROOM         | 941 20         | 47 |       |
| 311         | CLASSROOM         | 733 20         | 37 |       |
| 321         | CLASSROOM         | 859 20         | 42 |       |
| 322         | CLASSROOM         | 739 20         | 37 |       |
| SUBTOTAL    |                   |                |    | 426   |
| TOTAL       |                   |                |    | 1,591 |



| NAME                | FLOOR     | AREA    | PERIMETER | HEIGHT   | VOLUME  |
|---------------------|-----------|---------|-----------|----------|---------|
| FIRE AREA (A)       | GROUND FL | 6054 SF | 337' - 7" | -        | -       |
| FIRE AREA (B)       | GROUND FL | 4597 SF | 333' - 5" | -        | -       |
| FIRE AREA (C)       | GROUND FL | 6130 SF | 300' - 2" | -        | -       |
| FIRE AREA (D)       | GROUND FL | 3781 SF | 333' - 9" | -        | -       |
| ADDITION FIRE AREA  | GROUND FL | 3012 SF | 272' - 0" | 9' - 0"  | 2448 CF |
| INTERIOR RENOVATION | GROUND FL | 2897 SF | 238' - 0" | -        | -       |
| FIRE AREA (A)       | 1ST FLOOR | 5510 SF | 309' - 8" | -        | -       |
| FIRE AREA (B)       | 1ST FLOOR | 8334 SF | 396' - 7" | -        | -       |
| ADDITION FIRE AREA  | 1ST FLOOR | 3032 SF | 272' - 0" | 10' - 0" | 2720 CF |
| FIRE AREA (A)       | 2ND FLOOR | 5372 SF | 297' - 2" | -        | -       |
| FIRE AREA (B)       | 2ND FLOOR | 8382 SF | 384' - 2" | -        | -       |

| COMMERCIAL)                                                                                   |        |                                                                       |            |                          |                 |
|-----------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------|------------|--------------------------|-----------------|
| INTERNATIONAL ENERGY CONSERVATION CODE 2021 (IECC 2021) C101.1-5                              |        |                                                                       |            |                          |                 |
| CLIMATE ZONE                                                                                  | C301.1 | MOIST A                                                               |            |                          | CAMDEN COUNTY 4 |
| DESIGN TEMPERATURE                                                                            | C302.1 | 72 DEG HEATING                                                        | 75 COOLING |                          | PROVIDED        |
| 2019 NEW JERSEY COMMERCIAL ENERGY CODE (ASHRAE 90.1 - 2019,) (SEE MEP_DWG.S & SPECIFICATIONS) |        |                                                                       |            |                          |                 |
| 5 BUILDING ENVELOPE                                                                           |        | TABLE 5.5-4 BUILDING ENVELOPE REQUIREMENTS FOR CLIMATE ZONE 4 (A,B,C) |            |                          |                 |
| 5.5 PRESCRIPTIVE BUILDING ENVELOPE COMPLIANCE PATH                                            |        | R-FACTOR METHOD ( NON-RESIDENTIAL )                                   |            |                          |                 |
|                                                                                               |        | ROOFS                                                                 |            |                          |                 |
|                                                                                               |        | INSULATION ENTIRELY ABOVE DECK -                                      |            | R-30 C.I.                | PROVIDED        |
|                                                                                               |        | ATTIC AND OTHER                                                       |            | R-49                     | N/A             |
|                                                                                               |        | WALLS ABOVE GRADE                                                     |            |                          |                 |
|                                                                                               |        | MASS:                                                                 |            | R-9.5 C.I.               | PROVIDED        |
|                                                                                               |        | STEEL FRAMED                                                          |            | R-13 + R-7.5 C.I.        | PROVIDED        |
|                                                                                               |        | WOOD-FRAMED AND OTHER                                                 |            | R-13 + R-7.5 C.I. OR R20 | N/A             |
|                                                                                               |        | WALL, BELOW GRADE                                                     |            | R-7.5 C.I.               |                 |
|                                                                                               |        | FLOORS                                                                |            |                          |                 |
|                                                                                               |        | MASS                                                                  |            | R 14 & C.I.              | PROVIDED        |
|                                                                                               |        | STEEL JOIST                                                           |            | R 30                     | PROVIDED        |
|                                                                                               |        | WOOD FRAMED OR OTHER                                                  |            | R 30                     | N/A             |
|                                                                                               |        | SLAB ON GRADE FLOORS                                                  |            |                          |                 |
|                                                                                               |        | UNHEATED                                                              |            | R-15 FOR 24"             | PROVIDED:       |
|                                                                                               |        | HEATED                                                                |            | R-20 FOR 24"             | PROVIDED:       |
|                                                                                               |        | OPAQUE DOORS                                                          |            |                          |                 |
|                                                                                               |        | SWINGING                                                              |            | U 370                    | PROVIDED        |
|                                                                                               |        | DOOR NON SWINGING                                                     |            | U 310                    | PROVIDED        |
|                                                                                               |        | FENESTRATION                                                          |            | MAXU SHGC VT/SHGC        |                 |
|                                                                                               |        | FIXED                                                                 |            | U 36 036 1.10            | PROVIDED        |
|                                                                                               |        | OPERABLE                                                              |            | U 36 033 1.10            | PROVIDED        |
|                                                                                               |        | ENTRANCE DOOR                                                         |            | U 36 033 1.10            | PROVIDED        |
|                                                                                               |        | SKYLIGHT                                                              |            | 0% TO 3% OF ROOF         | N/A             |
|                                                                                               |        | ALL TYPES                                                             |            | U 50 040 NR              | PROVIDED        |

| OCCUPANCY<br>(E-2) 1-6        | NUMBER<br>OF EACH SEX | WATER CLOSETS<br>MALE | FEMALE | LAVATORIES<br>MALE | FEMALE | BATH/TUB<br>SHOWER | DRINKING<br>FOUNTAINS    | OTHER<br>SERVICE SINK |
|-------------------------------|-----------------------|-----------------------|--------|--------------------|--------|--------------------|--------------------------|-----------------------|
| 25 OR LESS                    | 1                     | 1                     | 1      | 1                  | N/A    | 1 PER 100          | 1 SERVICE SINK PER FLOOR | 1 SERVICE SINK PER.   |
| 26-50                         | ADD 1                 | ADD 1                 | ADD 1  | ADD 1              | N/A    |                    |                          |                       |
| 51-75                         | ADD 1                 | ADD 1                 | ADD 1  | ADD 1              | N/A    |                    |                          |                       |
| 76-100                        | ADD 1                 | ADD 1                 | ADD 1  | ADD 1              | N/A    |                    |                          |                       |
| EACH ADD'L<br>50 OVER 100     | ADD 1                 | ADD 1                 | ADD 1  | ADD 1              | N/A    |                    |                          |                       |
| REQUIRED                      | 9                     | 9                     | 9      | 9                  | N/A    |                    |                          |                       |
| PROVIDED (ADULT)              | 1                     | 1                     | 1      | 1                  | N/A    | 1                  |                          |                       |
| PROVIDED (1) PER<br>CLASSROOM |                       | 0                     |        | 0                  | N/A    |                    | 0                        | 0                     |
| TOTAL                         |                       | 20                    |        | 20                 | N/A    | 11                 |                          | 0                     |

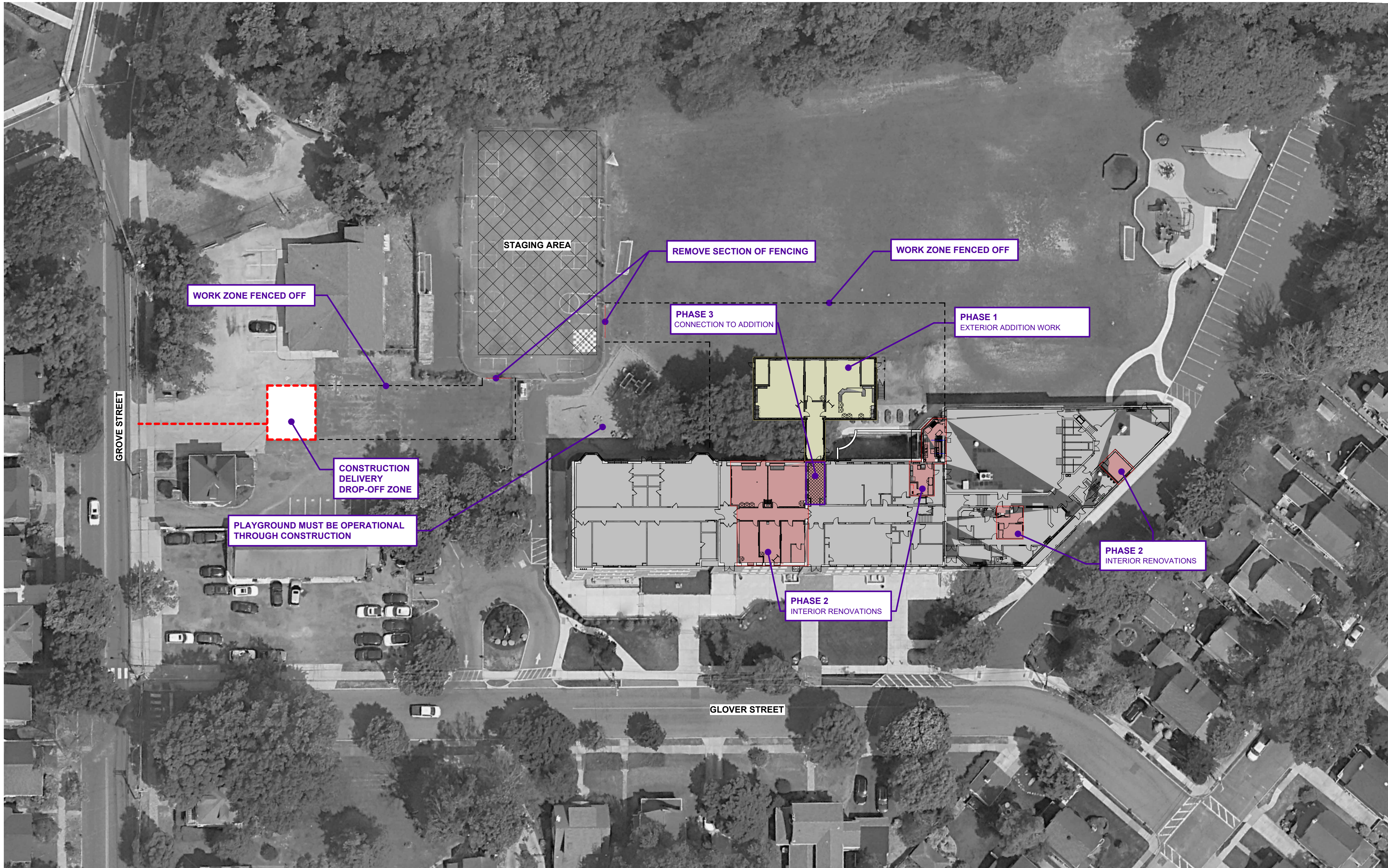


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A B C D E F G H J K L M N O



PHASING NARRATIVE

SEE PROJECT MANUAL - SECTION 011000 (TES) FOR ADDITIONAL INFORMATION.

PHASE I - STARTING WITH ISSUANCE OF NOTICE TO PROCEED, AND ENDING JUNE 22ND, 2027

- ALL WORK ASSOCIATED WITH THE NEW TWO-STORY ADDITION AND ASSOCIATED SITEWORK MAY PROCEED.
- BECAUSE PHASE I OCCURS DURING THE SCHOOL YEAR, CONSTRUCTION ACTIVITIES SHALL BE RESTRICTED TO THE FENCED WORK ZONE AND APPROVED STAGING AND ACCESS AREAS.
- CONTRACTOR SHALL COORDINATE DELIVERIES, EQUIPMENT MOVEMENTS, DISRUPTIVE OPERATIONS, UTILITY SHUTDOWNS, AND ANY WORK AFFECTING OCCUPIED AREAS WITH THE OWNER AND CONSTRUCTION MANAGER SO AS NOT TO INTERFERE WITH SCHOOL OPERATIONS.

PHASE II - SUMMER WORK - JUNE 22ND, 2027 THROUGH AUGUST 16TH, 2027

- ALL WORK ASSOCIATED WITH THE PROJECT MAY PROCEED.
- ALL INTERIOR RENOVATION WORK MUST BE COMPLETED IN THIS TIMEFRAME, EXCEPT FOR CORRIDORS 116.1 AND 206 (PHASE III) WHICH DEPEND ON THE COMPLETENESS OF THE CONNECTION TO THE NEW ADDITION.
- PROVIDE A TEMPORARY BARRIER AT OPENING BETWEEN CORRIDOR 116.1 AND MAIN FIRST FLOOR CORRIDOR AT CONCLUSION OF PHASE II.
- PROVIDE A TEMPORARY BARRIER AT THE OPENING BETWEEN CORRIDOR 206 AND CORRIDOR 213 AT CONCLUSION OF PHASE II.

PHASE III - FROM AUGUST 16TH, 2027 THROUGH SUBSTANTIAL COMPLETION (JANUARY 2028)

- ALL REMAINING EXTERIOR ADDITION, SITEWORK, AND CONNECTION WORK ASSOCIATED WITH PHASES I AND III MAY PROCEED, SUBJECT TO SCHOOL-YEAR RESTRICTIONS AND REQUIRED SEPARATIONS FROM OCCUPIED AREAS.
- BECAUSE PHASE III OCCURS DURING THE SCHOOL YEAR, CONTRACTOR SHALL MAINTAIN TEMPORARY BARRIERS, CONSTRUCTION FENCING, AND CONTROLLED ACCESS AS REQUIRED TO SEPARATE CONSTRUCTION ACTIVITIES FROM STUDENTS, STAFF, VISITORS, AND OCCUPIED SCHOOL AREAS. NO WORK SHALL OCCUR WITHIN OCCUPIED SCHOOL AREAS DURING SCHOOL HOURS UNLESS SPECIFICALLY APPROVED BY THE OWNER.
- FINALIZE CONNECTION FROM EXISTING BUILDING TO NEW ADDITION AT THE CONCLUSION OF PHASE III.
- REMOVE TEMPORARY BARRIER AT OPENING BETWEEN CORRIDOR 116.1 AND MAIN FIRST FLOOR CORRIDOR AT CONCLUSION OF PHASE III.
- REMOVE TEMPORARY BARRIER AT THE OPENING BETWEEN CORRIDOR 206 AND CORRIDOR 213 AT CONCLUSION OF PHASE III.

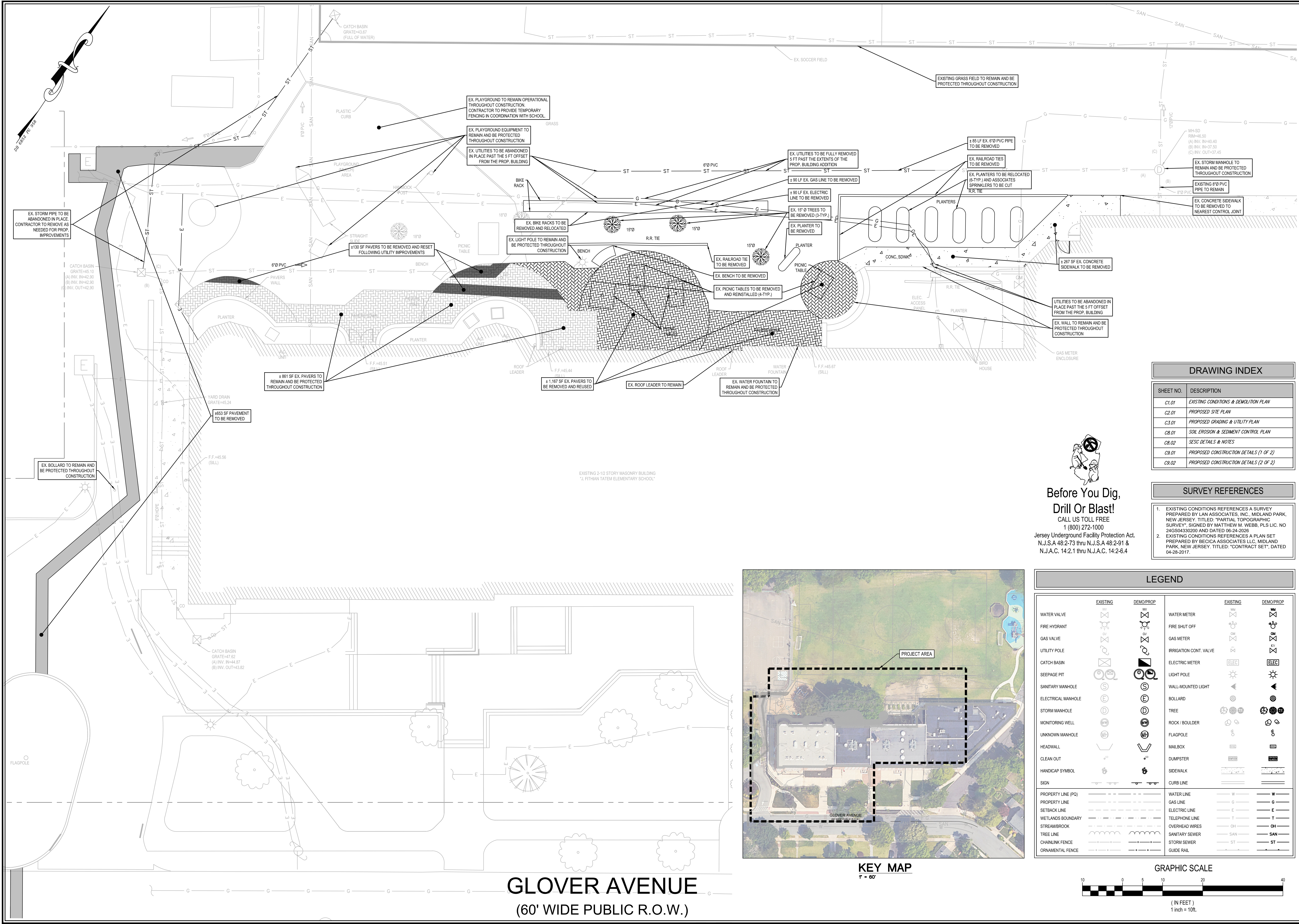
GENERAL PHASING NOTES:

- MEDIA CENTER & LIBRARY TAUGHT "OFF CART" THROUGHOUT CONSTRUCTION.
- PLAYGROUNDS MUST REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.

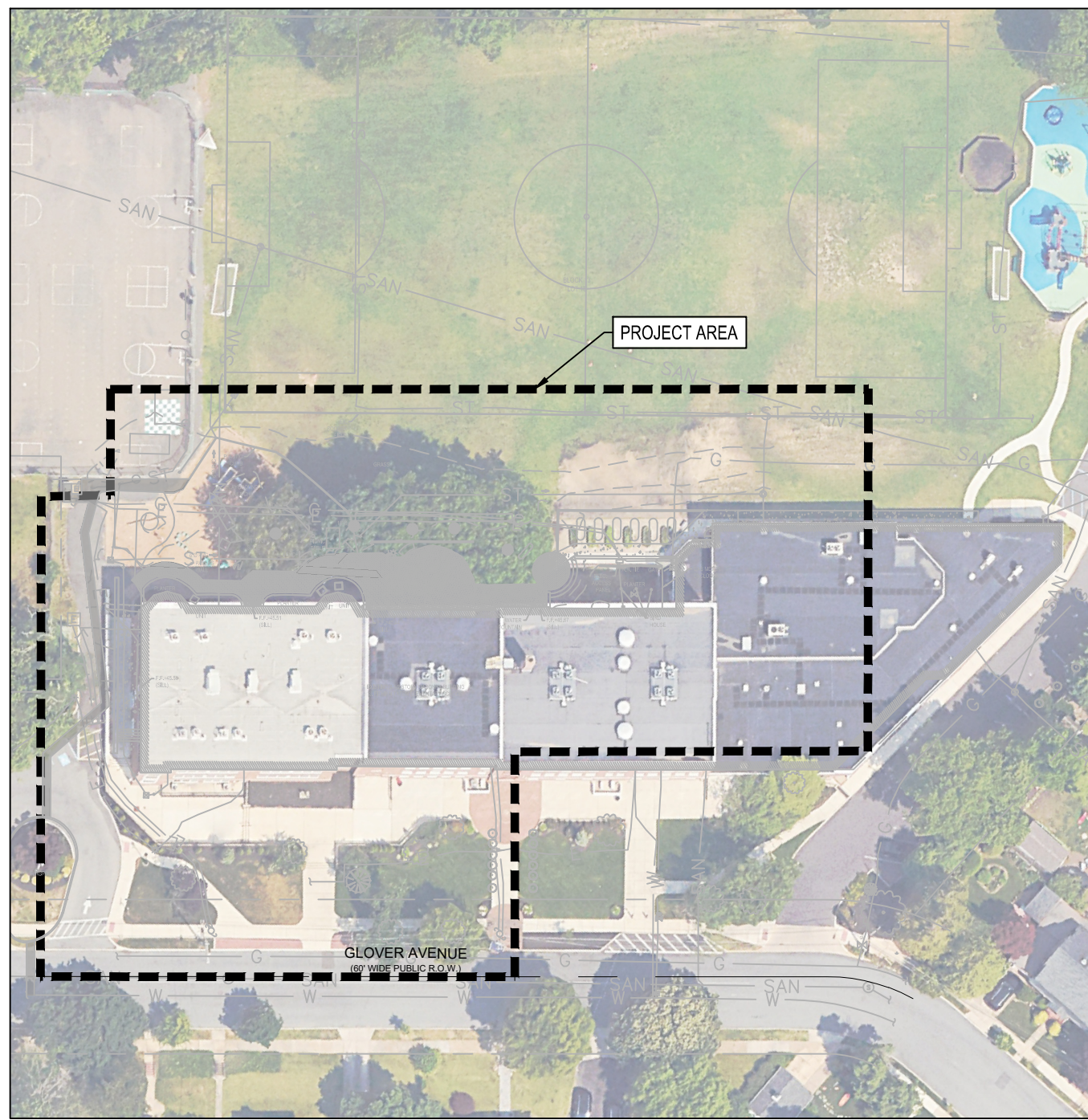
1 STAGING PLAN  
T0.06 1" = 40'-0"

|                                                                                                                                                                       |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| NJ Certificate of Authorization                                                                                                                                       |                          |
| Eng'y. Nos.                                                                                                                                                           | 24GA27937660             |
| Arch. Nos.                                                                                                                                                            | 21AC00012400             |
| Date                                                                                                                                                                  | 08.13.2026               |
| Checked                                                                                                                                                               | TC                       |
| Drawn                                                                                                                                                                 | TB, KK                   |
| JEFFREY POTTER, R.A.<br>Title REGISTERED ARCHITECT License No. NJ21402015400                                                                                          |                          |
| Date<br>11/04/25                                                                                                                                                      | Description<br>BID ISSUE |
| PRELIMINARY<br>NOT FOR CONSTRUCTION                                                                                                                                   |                          |
| Engineering,<br>Planning,<br>Architecture,<br>Surveying Inc.<br>LAN ASSOCIATES<br>1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043   t. 856-375-2701   f. 201-447-1233 |                          |
| STAGING AND PHASING<br>ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM<br>ELEMENTARY SCHOOL<br>HADDONFIELD BOARD OF EDUCATION<br>1 GLOVER AVE. HADDONFIELD, NJ 08043      |                          |
| Job No.                                                                                                                                                               | 2.20277.25.10            |
| File No.                                                                                                                                                              |                          |
| T0.06                                                                                                                                                                 |                          |





GLOVER AVENUE  
(60' WIDE PUBLIC R.O.W.)



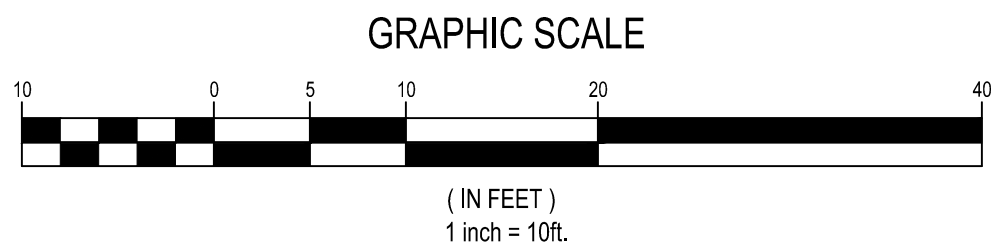
KEY MAP  
1" = 60'

  
**Before You Dig,  
Drill Or Blast!**  
CALL US TOLL FREE  
1 (800) 272-1000  
Jersey Underground Facility Protection Act.  
N.J.S.A. 48:2-73 thru N.J.S.A. 48:2-91 &  
N.J.A.C. 14:2.1 thru N.J.A.C. 14:2-6.4

| DRAWING INDEX |                                        |
|---------------|----------------------------------------|
| SHEET NO.     | DESCRIPTION                            |
| C1.01         | EXISTING CONDITIONS & DEMOLITION PLAN  |
| C2.01         | PROPOSED SITE PLAN                     |
| C3.01         | PROPOSED GRADING & UTILITY PLAN        |
| C8.01         | SOIL EROSION & SEDIMENT CONTROL PLAN   |
| C8.02         | SESC DETAILS & NOTES                   |
| C9.01         | PROPOSED CONSTRUCTION DETAILS (1 OF 2) |
| C9.02         | PROPOSED CONSTRUCTION DETAILS (2 OF 2) |

| SURVEY REFERENCES |                                                                                                                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                | EXISTING CONDITIONS REFERENCES A SURVEY PREPARED BY LAN ASSOCIATES, INC., MIDLAND PARK, NEW JERSEY, TITLED: "PARTIAL TOPOGRAPHIC SURVEY", SIGNED BY MATTHEW M. WEBB, PLS LIC. NO. 245094330200 AND DATED 06-24-2026. |
| 2.                | EXISTING CONDITIONS REFERENCES A PLAN SET PREPARED BY BECICA ASSOCIATES LLC, MIDLAND PARK, NEW JERSEY, TITLED: "CONTRACT SET", DATED 04-28-2017.                                                                     |

| LEGEND             |          |           |                        |
|--------------------|----------|-----------|------------------------|
|                    | EXISTING | DEMO/PROP |                        |
| WATER VALVE        |          |           | WATER METER            |
| FIRE HYDRANT       |          |           | FIRE SHUT OFF          |
| GAS VALVE          |          |           | GAS METER              |
| UTILITY POLE       |          |           | IRRIGATION CONT. VALVE |
| CATCH BASIN        |          |           | ELECTRIC METER         |
| SEEPAGE PIT        |          |           | LIGHT POLE             |
| SANITARY MANHOLE   |          |           | WALL-MOUNTED LIGHT     |
| ELECTRICAL MANHOLE |          |           | BOLLARD                |
| STORM MANHOLE      |          |           | TREE                   |
| MONITORING WELL    |          |           | ROCK / BOULDER         |
| UNKNOWN MANHOLE    |          |           | FLAGPOLE               |
| HEADWALL           |          |           | MAILBOX                |
| CLEAN OUT          |          |           | DUMPSTER               |
| HANDICAP SYMBOL    |          |           | SIDEWALK               |
| SIGN               |          |           | CURB LINE              |
| PROPERTY LINE (PL) |          |           | WATER LINE             |
| PROPERTY LINE      |          |           | GAS LINE               |
| SETBACK LINE       |          |           | ELECTRIC LINE          |
| WETLANDS BOUNDARY  |          |           | TELEPHONE LINE         |
| STREAM/BROOK       |          |           | OVERHEAD WIRES         |
| TREE LINE          |          |           | SANITARY SEWER         |
| CHAINLINK FENCE    |          |           | STORM SEWER            |
| ORNAMENTAL FENCE   |          |           | GUIDE RAIL             |



NJ Certificate of Authorization

|            |              |
|------------|--------------|
| Eng'r. No. | 24G27937500  |
| Arch. No.  | 21AC00012400 |
| Date       | 8/13/2026    |
| Checked    | JP           |
| Drawn      | PK           |

**JUSTIN J. PROVENCHER, P.E.**  
PROFESSIONAL ENGINEER  
License No. 24G0659300

**Revisions:**  
8/13/26 BID SET

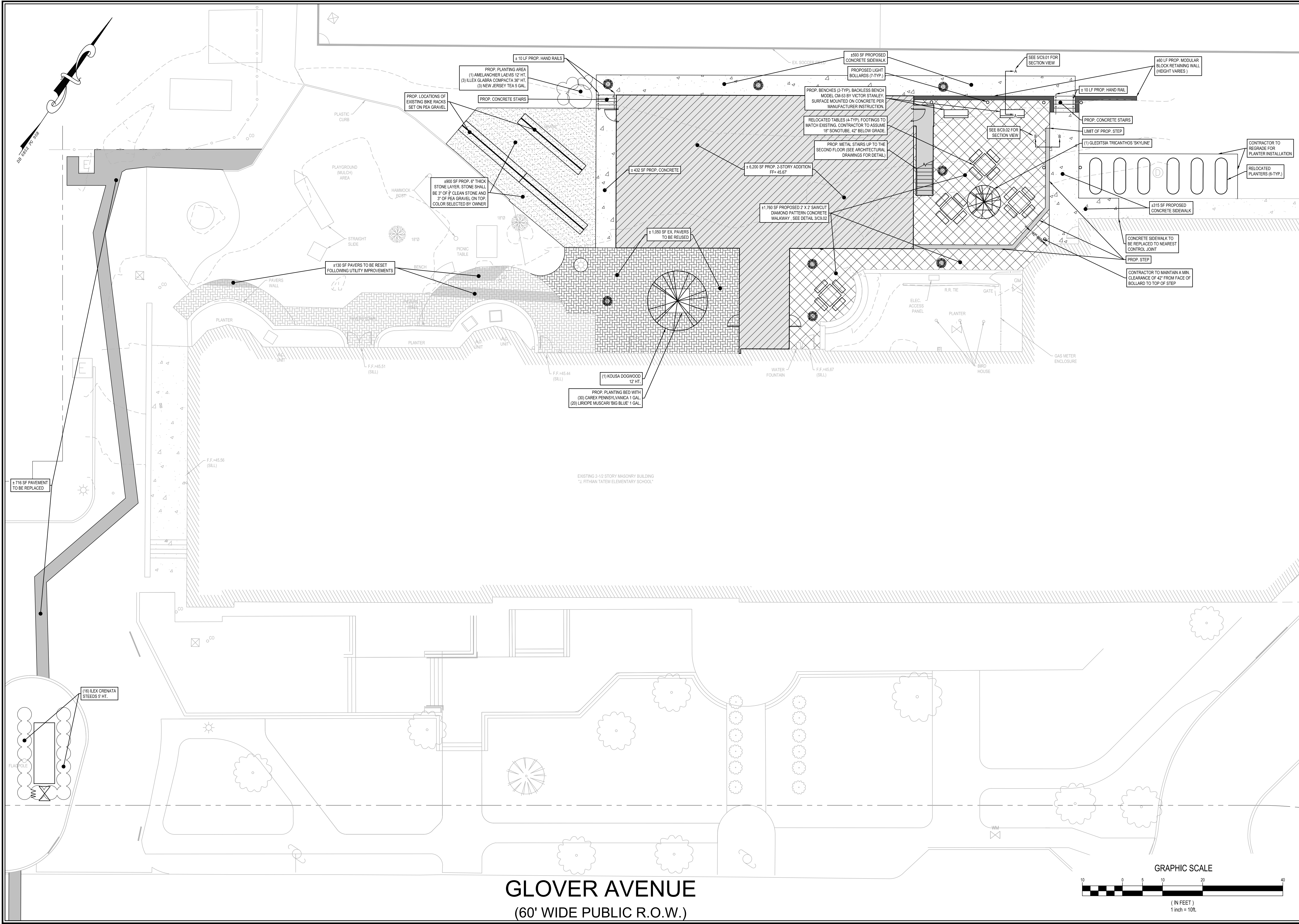
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Surveying Inc.  
**LAN ASSOCIATES**  
445 Godwin Ave Ste 9, Midland Park, NJ 07432 | t. 201-447-6400 | f. 201-447-1233

**EXISTING CONDITIONS PLAN**  
ALTERATIONS & ADDITIONS TO TATEM J. FITHIAN  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

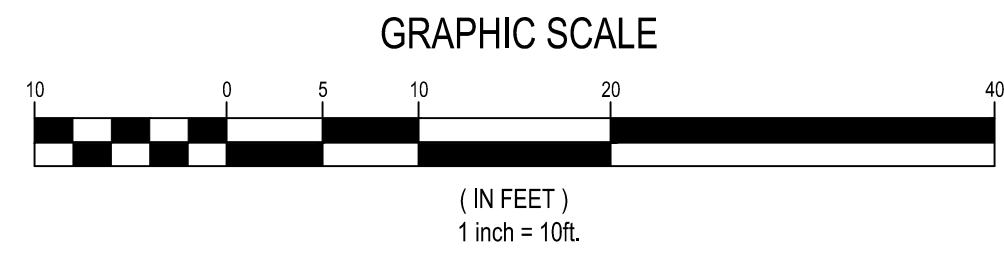
Job No. 2.20277.25.10  
File No. 20277.25.10C1

**C1.01**





GLOVER AVENUE  
(60' WIDE PUBLIC R.O.W.)



|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
| Eng'r. No.                      | 24027937500  |
| Arch. No.                       | 21A000012400 |
| Date                            | 8/13/2026    |
| Checked                         | JP           |
| Drawn                           | PK           |

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**Revisions:**  
8/13/26 BID SET

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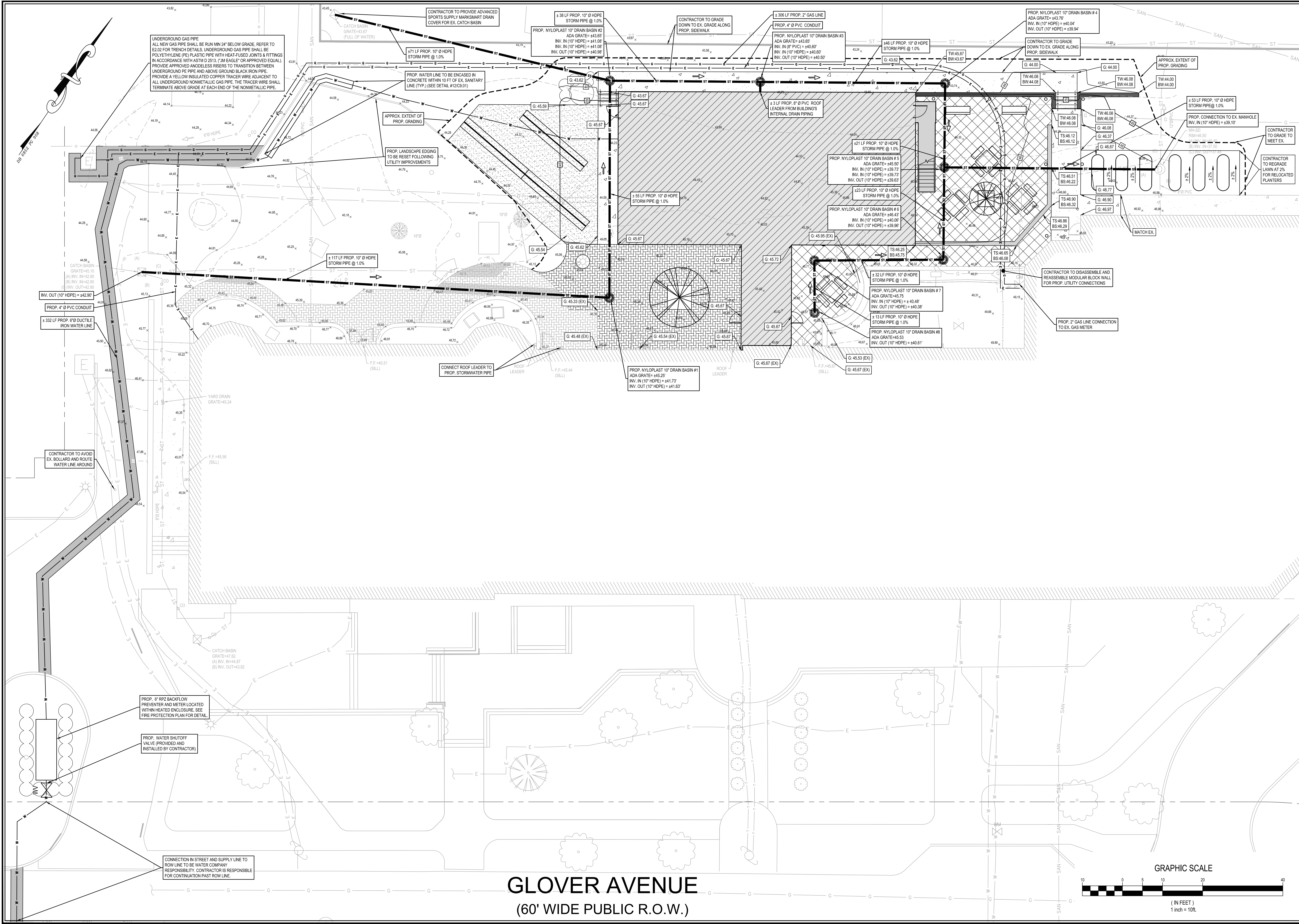
**LAN ASSOCIATES**

**PROPOSED SITE PLAN**  
ALTERATIONS & ADDITIONS TO TATEM J. FITHIAN ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

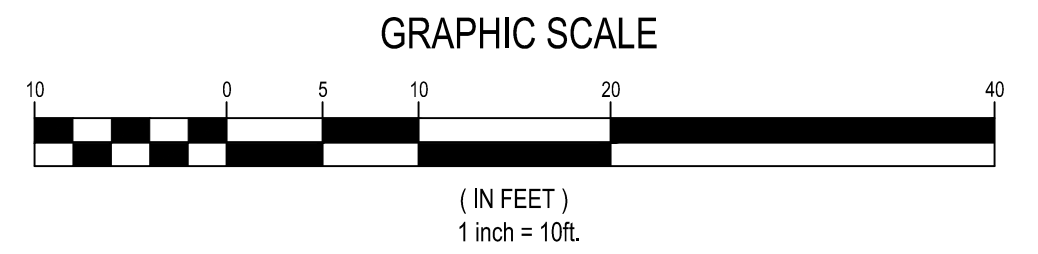
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File No. 20277.25.10C1

**C2.01**





GLOVER AVENUE  
(60' WIDE PUBLIC R.O.W.)



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|---------------------------------|--------------|
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| Arch. No.                       | 21A000012400 |
| Date                            | 8/13/2026    |
| Checked                         | JP           |
| Drawn                           | PK           |

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| <b>JUSTIN J. PROVENCHER, P.E.</b> |  |
| PROFESSIONAL ENGINEER             |  |
| License No. 24CE0659300           |  |

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|-------------------|--|
| <b>Revisions:</b> |  |
| 8/13/26 BID SET   |  |

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|                                                               |  |
|---------------------------------------------------------------|--|
| <b>PROPOSED GRADING &amp; UTILITY PLAN</b>                    |  |
| ALTERATIONS & ADDITIONS TO TATEM J. FITHIAN ELEMENTARY SCHOOL |  |
| HADDONFIELD BOARD OF EDUCATION                                |  |
| 1 GLOVER AVE. HADDONFIELD, NJ 08033                           |  |

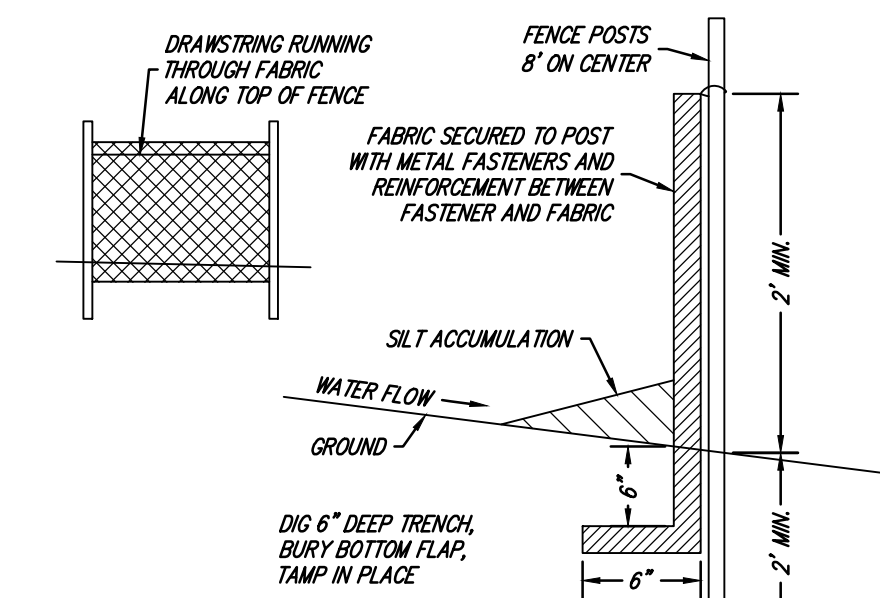
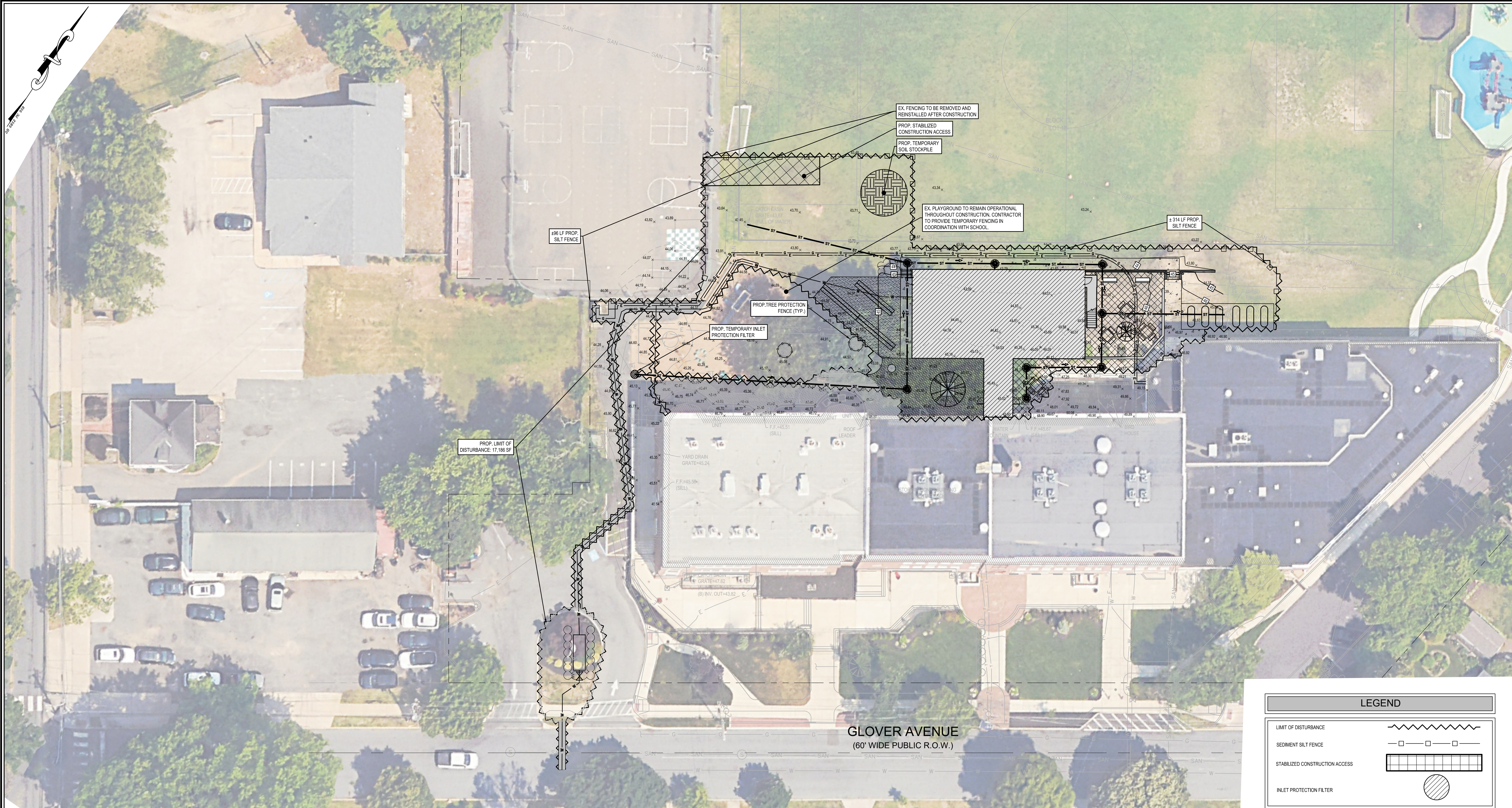
  

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| Job No.  | 2.20277.25.10 |
| File No. | 20277.25.10C1 |

**C3.01**

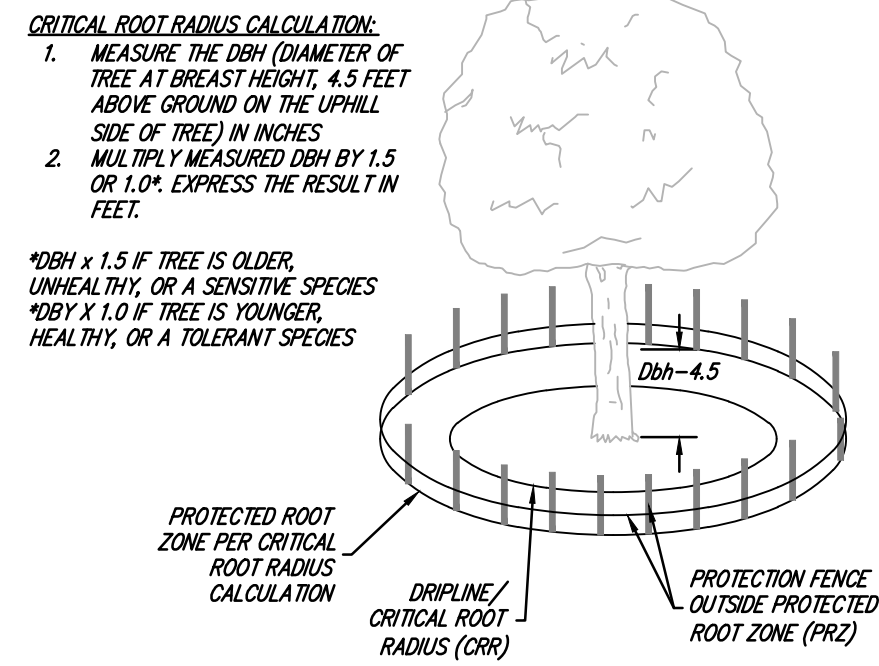




- NOTES:
1. FILTER FABRIC TO BE "MARAFI" OR APPROVED EQUAL.
  2. AT A MINIMUM, SILT FENCE SHOULD BE REINFORCED BY MEANS OF EITHER WOODEN SNOW FENCE WITH STEEL PICKETS OR WELDED WIRE FENCE, MIN. 14 GAUGE WITH RECTANGULAR OPENINGS NO LARGER THAN 6"x6", SUPPORTED BY STEEL PICKETS.

### SILT FENCE DETAIL

1  
C8.01  
NTA



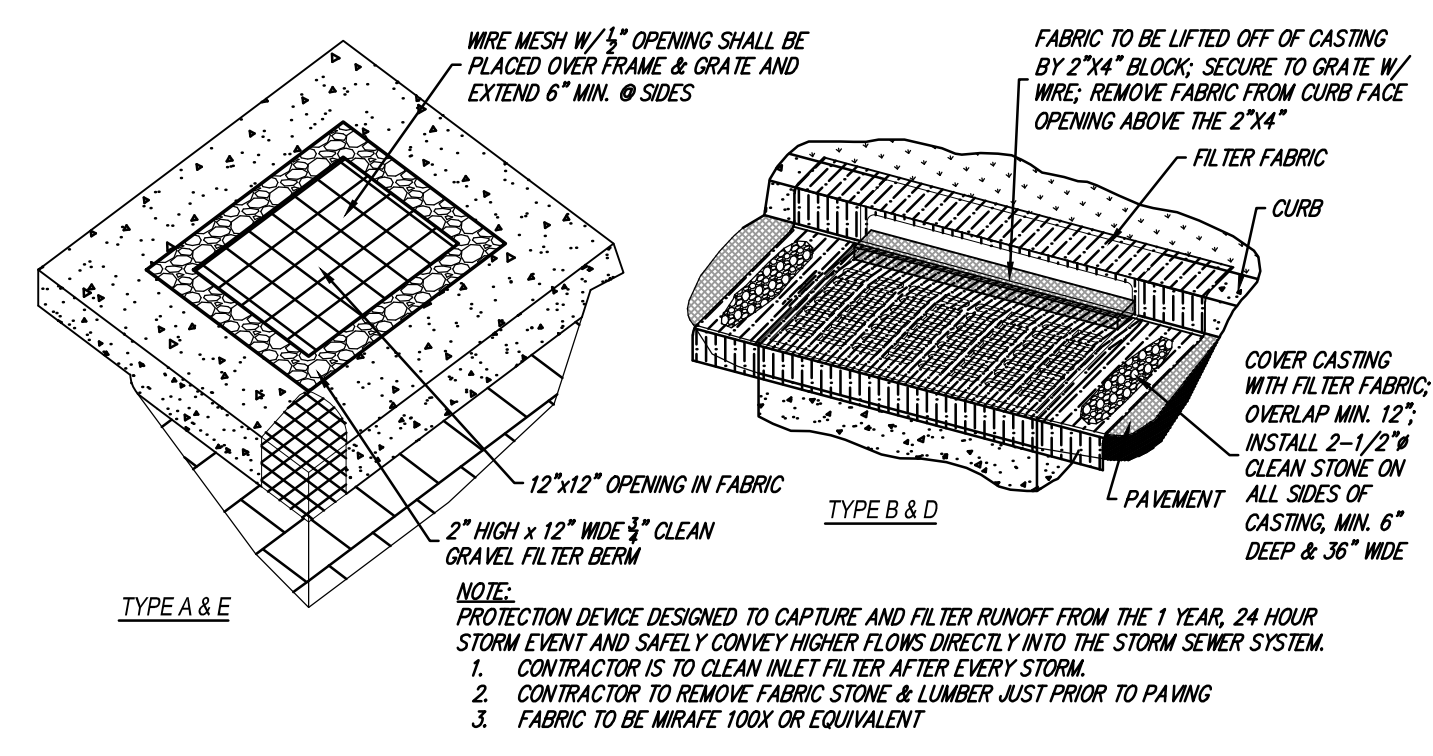
### TREE PROTECTION DETAIL

2  
C8.02  
NTA

| PERCENT SLOPE OF ROADWAY | LENGTH OF STONE REQUIRED                          |                    |
|--------------------------|---------------------------------------------------|--------------------|
|                          | COARSE GRAINED SOILS                              | FINE GRAINED SOILS |
| 0 TO 2%                  | 50 FT.                                            | 100 FT.            |
| 2 TO 5%                  | 100 FT.                                           | 200 FT.            |
| >5%                      | ENTIRE SURFACE STABILIZED WITH FABRIC BASE COURSE |                    |

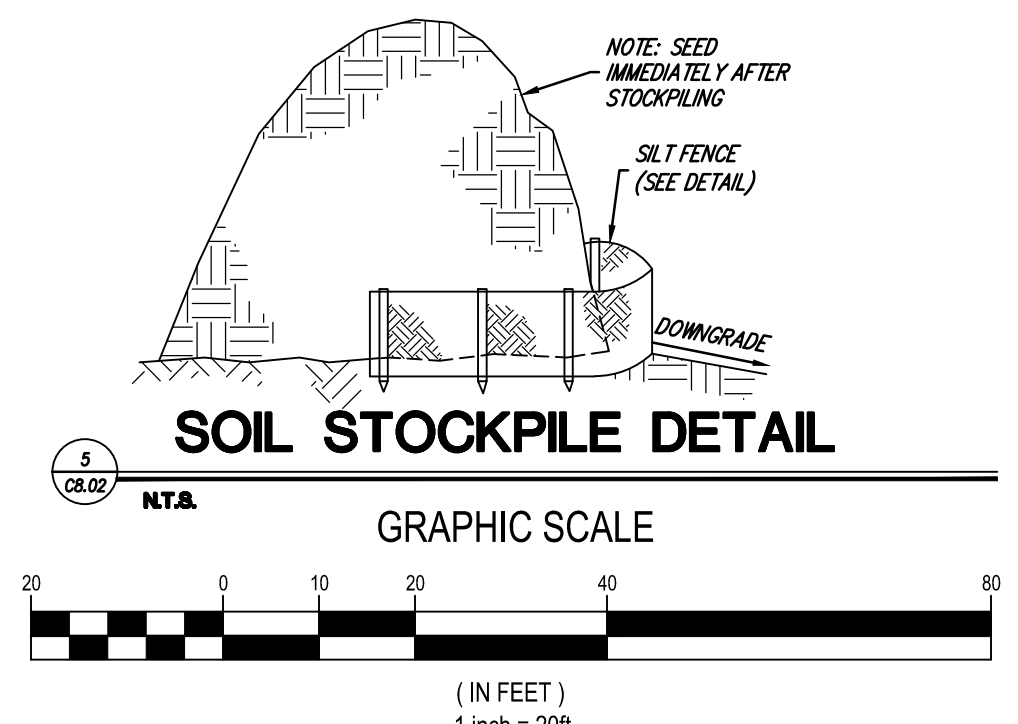
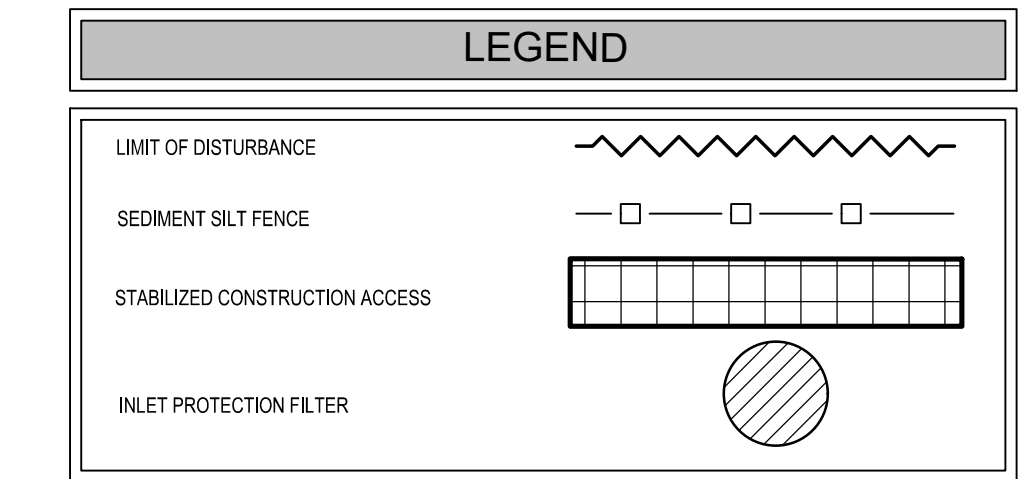
### STABILIZED CONSTRUCTION ACCESS

3  
C8.03  
NTA



### INLET FILTER DETAIL

4  
C8.04  
NTA



### SOIL STOCKPILE DETAIL

GRAPHIC SCALE

(IN FEET)  
1 inch = 20ft.

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8/13/26 BID SET

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SOIL EROSION & SEDIMENT CONTROL PLAN  
ALTERATIONS & ADDITIONS TO TATEM J. FIFTH  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10  
File No. 20277.25.10C1

C8.01



SOIL EROSION & SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THE PLAN WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (NJ STANDARDS), AND SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.

2. THE SOIL EROSION INSPECTOR MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY 3<sup>RD</sup> EDITION, JANUARY 2014, REVISED JULY 2017.

3. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

4. THE SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY LAND DISTURBANCE.

5. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.

6. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.

7. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.

8. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.

9. ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY. IF THE SEASON INDICATES TEMPORARY SEEDING, THE DISTURBED AREAS WILL BE COVERED WITH SALT HAY OR EQUIVALENT AND ANCHORED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (I.E. PEG AND TWINE, MULCH NETTING OR LIQUID MULCH BINDER).

10. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONFIRMATION OF LIME, FERTILIZER AND SEED APPLICATION AND RATES OF APPLICATION AT THE REQUEST OF THE SOIL CONSERVATION DISTRICT.

11. ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH AT A RATE OF 2 TONS PER ACRE, ACCORDING TO THE NEW JERSEY STANDARDS IMMEDIATELY FOLLOWING ROUGH GRADING.

12. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

13. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.

14. A CRUSHED STONE, TIRE, CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS EXISTS. THE STABILIZED PAD WILL BE INSTALLED ACCORDING TO THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS.

15. ALL DRIVEWAYS MUST BE STABILIZED WITH CRUSHED STONE OR SUBBASE PRIOR TO INDIVIDUAL LOT CONSTRUCTION.

16. REMOVE ANY SEDIMENT (MUD, DEBRIS, ETC.) FROM THE PROJECT SITE. SITE, SALT PAVED RIGHTS-OF-WAY ADJACENT TO THE PROJECT SITE MUST BE MAINTAINED IN A CLEAN, SWEEP CONDITION THROUGHOUT CONSTRUCTION.

17. ALL CATCH BASIN INLETS WILL BE PROTECTED ACCORDING TO THE CERTIFIED PLAN.

18. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.

19. ALL DETERIORATING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. THE SEDIMENT FILTER SHOULD BE COMPOSED OF A SUITABLE SEDIMENT FILTER FABRIC.

20. NUSA 424-9B, ET. SED. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE ALL PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES. ALL SITE WORK FOR THE PROJECT MUST BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE AS A PRE-REQUISITE TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.

21. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.

22. ANY CONFORMANCE OF THE PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.

23. IMMEDIATELY AFTER THE COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL, THE STOCKPILE MUST BE STABILIZED ACCORDING TO THE STANDARD FOR TEMPORARY VEGETATIVE COVER. STABILIZE TOPSOIL PILE WITH STRAW MULCH FOR PROTECTION IN THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING. ALL SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY AND THE BASE MUST BE PROTECTED WITH A SEDIMENT BARRIER.

24. ANY CHANGES TO THE SITE PLAN WILL REQUIRE THE SUBMISSION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE SOIL CONSERVATION DISTRICT. THE REVISED PLAN MUST BE IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.

25. METHODS FOR THE MANAGEMENT OF HIGH ACID PRODUCING SOILS SHALL BE IN ACCORDANCE WITH THE STANDARDS. HIGH ACID PRODUCING SOILS ARE THOSE FOUND TO CONTAIN IRON SULFIDES OR HAVE A PH OF 4.0 OR LESS.

26. MAXIMUM SITE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.

27. DUST IS TO BE CONTROLLED BY AN APPROVED METHOD ACCORDING TO THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY AND MAY INCLUDE WATERING WITH A SOLUTION OF CALCIUM CHLORIDE AND WATER.

28. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS ON THE PROPOSED SITE.

29. USE STAGED CONSTRUCTION METHODS TO MINIMIZE EXPOSED SURFACES, WHERE APPLICABLE.

30. ALL VEGETATIVE MATERIAL SHALL BE SELECTED IN ACCORDANCE WITH AMERICAN STANDARDS FOR NURSERY STOCK OF THE AMERICAN ASSOCIATION OF THE NURSESMEN AND IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.

31. NATURAL VEGETATION AND SPECIES SHALL BE DETAINED WHERE SPECIFIED ON THE LANDSCAPE PLAN.

32. THE PERMANENT VEGETATIVE COVER SUCH AS SEEDING OR SOODING ON ALL AREAS SHALL BE ACCOMPLISHED WITHIN 10 DAYS AFTER FINAL GRADING OPERATIONS HAVE BEEN COMPLETED.

33. EXCAVATED SOIL MATERIAL SHALL NOT BE PLACED ADJACENT TO RIVERS, STREAMS, OR BODIES OF WATER IN A MANNER THAT WILL CAUSE IT TO BE WASHED AWAY BY HIGH WATER OR RUNOFF. EXCESS BORROW MATERIAL REMOVED FROM THE CONSTRUCTION SITE SHALL BE STABILIZED AT THE SITE OF PLACEMENT.

34. THIS CERTIFICATION IS LIMITED TO THE CONTROLS SPECIFIED IN THIS PLAN. IT IS NOT AUTHORIZATION TO ENGAGE IN THE PROPOSED LAND USE UNLESS SUCH USE HAS BEEN PREVIOUSLY APPROVED BY THE MUNICIPALITY, COUNTY, STATE AGENCY OR OTHER CONTROLLING AGENCY.

TEMPORARY SEEDING

REFER TO THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY FOR REFERRED GUIDANCE. TEMPORARY SEEDING STANDARDS FROM CHAPTER 7.

SITE PREPARATION

A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING, PG. 19-1.

B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 1 THROUGH 42.

C. IMMEDIATELY PRIOR TO SEEDING, THE SURFACE SHOULD BE SCARIFIED 9" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES, CABLES, IRRIGATION SYSTEMS, ETC.)

SEEDED PREPARATION

A. LIME RATES SHALL BE ESTABLISHED VIA SOIL TESTING. APPLY GROUND LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION. SOIL SAMPLE MALERS ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES. FERTILIZER SHALL BE APPLIED AT THE RATE OF 60 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE.

B. WORK LIME AND FERTILIZER INTO THE SOIL, AS NEARLY AS PRACTICAL, TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DRINKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDED IS PREPARED.

C. INSPECT SEEDED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED IN ACCORDANCE WITH THE ABOVE.

D. SOILS HIGH IN SULFIDES OR HAVING A PH OF 4.0 OR LESS REFER TO STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, PG. 1-1.

SEEDING

A. SELECT SEED FROM RECOMMENDATIONS IN TABLE 7-2 IN THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY.

B. CONVENTIONAL SEEDING: APPLY SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL OR CULTIPACKER SEEDER. EXCEPT FOR DRILLED, HYDROSEEDED OR CULTIPACKED SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL TO A DEPTH OF 1/4 TO 1/2 INCH, BY PAVING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COARSE TEXTURED SOIL.

C. HYDROSEEDING IS A BROADCAST SEEDING METHOD USUALLY INVOLVING A TRUCK OR TRAILER MOUNTED TANK, WITH AN AGITATION SYSTEM AND HYDRAULIC PUMP FOR MIXING SEED, WATER AND FERTILIZER AND SPRAYING THE MIX ONTO THE PREPARED SEEDED. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH SEED. SHORT FIBERED MULCH MAY BE APPLIED WITH A HYDROSEEDER FOLLOWING SEEDING. ALSO SEE SECTION N: MULCHING. HYDROSEEDING IS NOT A PREFERRED SEEDING METHOD BECAUSE SEED AND FERTILIZER ARE APPLIED TO THE SURFACE AND NOT INCORPORATED INTO THE SOIL. POOR SEED TO SOIL CONTACT OCCURS REDUCING SEED GERMINATION AND GROWTH.

D. AFTER SEEDING, FIRING THE SOIL WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT. RESTORE CAPILLARITY AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.

MULCHING

REFER TO THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY FOR REFERRED GUIDANCE.

MULCHING IS REQUIRED ON ALL SEEDED, MULCH WILL PROTECT AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT.

A. STRAW OR HAY, UNROTTED SMALL GRASS STRAW, HAY FREE OF SEEDS, TO BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHOPPER-BLENDERS MUST NOT GRIND THE MULCH. HAY MULCH IS NOT RECOMMENDED FOR ESTABLISHING FINE TURF OR LAWNS DUE TO THE PRESENCE OF WEED SEED.

APPLICATION: SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT AT LEAST 85% OF THE SOIL SURFACE IS COVERED, FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,100 SQUARE FEET SECTIONS AND DISTRIBUTE TO 90 POUNDS WITHIN EACH SECTION.

ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS.

1. PEG AND TWINE: DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.

2. MULCH NETTINGS - STAPLE PAPER, JUTE, COTTON, OR PLASTIC NETTINGS TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOVED.

3. CRIMPER (MULCH ANCHORING COULTER TOOL) - A TRACTOR-DRAWN IMPLEMENT, SOMEWHAT LIKE A DISC HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH TO 4 INCHES INTO THE SOIL, SO AS TO ANCHOR IT AND LEAVE PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE AGENT IS REQUIRED.

4. LIQUID MULCH BINDERS - MAY BE USED TO ANCHOR SALT HAY, HAY OR STRAW MULCH.

a. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND MAY CATCH THE MULCH, IN VALLEYS, AND AT CRESTS OF BANKS.

b. THE REMAINDER OF THE AREA SHOULD BE UNIFORM IN APPEARANCE.

1. USE ONE OF THE FOLLOWING:

(1) ORGANIC AND VEGETABLE BASED BINDERS - NATURALLY OCCURRING, POWDER-BASED, HYDROPHILIC MATERIALS WHEN MIXED WITH WATER FORMULATES A GEL AND WHEN APPLIED TO MULCH UNDER SATISFACTORY CURING CONDITIONS WILL FORM MEMBRANE NETWORKS OF INSOLUBLE POLYMERS. THE VEGETABLE GEL SHALL BE PHYSIOLOGICALLY HARMLESS AND NOT RESULT IN A PHYTOXIC EFFECT OR IMPED E GROWTH OF TURF GRASS. USE AT RATES AND WEATHER CONDITIONS AS RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH MATERIALS. MANY NEW PRODUCTS ARE AVAILABLE. SOME OF WHICH MAY NEED FURTHER EVALUATION FOR USE IN THIS STATE.

2. SYNTHETIC BINDERS - HIGH POLYMER SYNTHETIC EMULSION, MISIBLE WITH WATER WHEN DILUTED AND, FOLLOWING APPLICATION OF MULCH, DRYING AND CURING, SHALL NO LONGER BE SOLUBLE OR DISPERSIBLE IN WATER. BINDER SHALL BE APPLIED AT RATES RECOMMENDED BY THE MANUFACTURER AND REMAIN TACKY UNTIL GERMINATION OF GRASS.

NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE PRODUCTS TO THE EXCLUSION OF OTHER PRODUCTS.

B. WOOD-FIBER OR PAPER-FIBER MULCH - SHALL BE MADE FROM WOOD, PLANT FIBERS OR PAPER CONTAINING NO GROWTH OR GERMINATION INHIBITING MATERIALS, USED AT THE RATE OF 1,500 POUNDS PER ACRE (OR AS RECOMMENDED BY THE PRODUCT MANUFACTURER) AND MAY BE APPLIED BY A HYDROSEEDER.

C. PELLETED MULCH - COMPRESSED AND EXTRUDED PAPER AND/OR WOOD FIBER PRODUCT, WHICH MAY CONTAIN CO-POLYMERS, TACKIFIERS, FERTILIZERS, AND COLORING AGENTS. THE DRY PELLETS, WHEN APPLIED TO A SEEDED AREA AND WATERED, FORM A MULCH MAT. PELLETED MULCH SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MULCH MAY BE APPLIED BY HAND OR MECHANICAL SPREADER AT THE RATE OF 80-120,000 SQUARE FEET AND ACTIVATED WITH 1/2 TO 1/4 INCHES OF WATER. THIS MATERIAL HAS BEEN FOUND TO BE BENEFICIAL FOR USE ON SMALL LAWN OR REMOVAL AREAS. SEEDED AREAS WHERE WOOD-SEED FREE MULCH IS DESIRED, OR ON SITES WHERE STRAW MULCH AND TACKIFIER AGENT ARE NOT PRACTICAL, OR DESIRABLE.

APPLYING THE FULL 1/2 TO 1/4 INCHES OF WATER AFTER SPREADING PELLETED MULCH ON THE SEED BED IS EXTREMELY IMPORTANT FOR SUFFICIENT ACTIVATION AND EXPANSION OF THE MULCH TO PROVIDE SOIL COVERAGE. UCH SHALL NOT BE MIXED IN THE TANK WITH SEED. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.

PERMANENT SEEDING

REFER TO THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY FOR REFERRED GUIDANCE. PERMANENT SEEDING STANDARDS FROM CHAPTER 4.

SITE PREPARATION

A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING.

B. IMMEDIATELY PRIOR TO SEEDING AND TOPSOIL APPLICATION, THE SUBSOIL SHALL BE EVALUATED FOR COMPACTION IN ACCORDANCE WITH THE STANDARDS FOR LAND GRADING.

C. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER, AS NEEDED, IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING.

D. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE-STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS.

SEEDED PREPARATION

A. UNIFORMLY APPLY GROUND LIMESTONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED. ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION. SOIL SAMPLE MALERS ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES (HTTP://WWW.RUTGERS.EDU/COEXT/). FERTILIZER SHALL BE APPLIED AT THE RATE OF 60 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE AND INDICATES INCREASED INCHES. IF FERTILIZER IS NOT INCORPORATED, APPLY A ONE-HALF RATE DESCRIBED ABOVE DURING SEEDED PREPARATION AND REPEAT ANOTHER ONE-HALF RATE APPLICATION OF THE SAME FERTILIZER WITHIN TO 5 WEEKS AFTER SEEDING.

B. WORK LIME AND FERTILIZER INTO THE TOPSOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING-TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DRINKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDED IS PREPARED.

C. HIGH ACID PRODUCING SOILS SHALL HAVING A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL, HAVING A PH OF 5.0 OR MORE BEFORE INITIATING SEEDED REPARATION. SEE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS FOR SPECIFIC REQUIREMENTS.

SEEDING

A. SELECT A MIXTURE FROM TABLE 4-3 IN THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY OR USE A MIXTURE RECOMMENDED BY RUTGERS CO-OPERATIVE EXTENSION OR NATURAL RESOURCES CONSERVATION SERVICE WHICH IS APPROVED BY THE SOIL CONSERVATION DISTRICT. SEED GERMINATION SHALL HAVE BEEN TESTED WITHIN 12 MONTHS OF THE PLANTING DATE. NO SEED SHALL BE ACCEPTED WITH A GERMINATION TEST DATE MORE THAN 12 MONTHS OLD UNLESS RETESTED.

1. SEEDING RATES SPECIFIED ARE REQUIRED WHEN A REPORT OF COMPLIANCE IS REQUESTED PRIOR TO ACTUAL ESTABLISHMENT OF PERMANENT VEGETATION. UP TO 50% REDUCTION IN RATES MAY BE USED WHEN PERMANENT VEGETATION IS ESTABLISHED PRIOR TO A REPORT OF COMPLIANCE INSPECTION. THESE RATES APPLY TO ALL METHODS OF SEEDING. ESTABLISHING PERMANENT VEGETATION MEANS 80% VEGETATIVE COVERAGE WITH THE SPECIFIED SEED MIXTURE FOR THE SEEDED AREA AND MOVED ONCE.

2. WARM-SEASON MIXTURES ARE GRASSES AND LEGUMES WHICH MAXIMIZE GROWTH AT HIGH TEMPERATURES. GENERALLY 45 DEGREES AND ABOVE. SEE TABLE 4-3 MIXTURES 1 TO 7. PLANTING RATES FOR WARM-SEASON GRASSES SHALL BE THE AMOUNT OF PURE LIVE SEED (PLS) AS DETERMINED BY GERMINATION TESTING RESULTS.

3. COOL-SEASON MIXTURES ARE GRASSES AND LEGUMES WHICH MAXIMIZE GROWTH AT TEMPERATURES BELOW 65 DEGREES. MANY GRASSES BECOME ACTIVE AT 65 DEGREES. SEE TABLE 4-3 MIXTURES 8-20. ADJUSTMENT OF PLANTING RATES TO COMPENSATE FOR THE AMOUNT OF PLUS IS NOT REQUIRED FOR COOL SEASON GRASSES.

B. CONVENTIONAL SEEDING IS PERFORMED BY APPLYING SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL OR CULTIPACKER SEEDER. EXCEPT FOR DRILLED, HYDROSEEDED OR CULTIPACKED SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL WITHIN 24 HOURS OF SEEDING PREPARATION TO A DEPTH OF 1/4 TO 1/2 INCH, BY PAVING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COARSE-TEXTURED SOIL.

C. AFTER SEEDING, FIRING THE SOIL WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT. RESTORE CAPILLARITY AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.

D. HYDROSEEDING IS A BROADCAST SEEDING METHOD USUALLY INVOLVING A TRUCK, OR TRAILER-MOUNTED TANK, WITH AN AGITATION SYSTEM AND HYDRAULIC PUMP FOR MIXING SEED, WATER AND FERTILIZER AND SPRAYING THE MIX ONTO THE PREPARED SEEDED. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH SEED. SHORT FIBERED MULCH MAY BE APPLIED WITH A HYDROSEEDER FOLLOWING SEEDING. ALSO SEE SECTION N: MULCHING. BELOW. HYDROSEEDING IS NOT A PREFERRED SEEDING METHOD BECAUSE SEED AND FERTILIZER ARE APPLIED TO THE SURFACE AND NOT INCORPORATED INTO THE SOIL. WHEN POOR SEED TO SOIL CONTACT OCCURS, THERE IS A REDUCED SEED GERMINATION AND GROWTH.

PROPOSED SEEDING MIX

THE CONTRACTOR SHALL USE THE FOLLOWING SEED MIXTURE FOR LAWN GRASSES DURING THE WARM SEASON

GRASS

LB/ACRE

SPRINTGRASS

10

BIG BLUE STEM

5

LITTLE BLUESTEM

5

SAND CLOVERGRASS

4

COASTAL PANIC GRASS

10

THE CONTRACTOR SHALL USE THE FOLLOWING SEED MIXTURE FOR LAWN GRASSES DURING THE COOL SEASON

GRASS

LB/ACRE

HARD FESCUE

175

PERENNIAL RYEGRASS

45

KENTUCKY BLUEGRASS

45

TOPSOIL

REFER TO THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY FOR REFERRED GUIDANCE STANDARDS FOR TOPSOIL, CHAPTER 6.

MATERIALS

A. TOPSOIL SHOULD BE FRABLE, LOAMY, FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE OR ADVERSE CHEMICAL OR PHYSICAL CONDITION THAT MAY BE HARMFUL TO PLANT GROWTH. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIMOHS PER CENTIMETER, MORE THAN 0.5 MILLIMOHS MAY DESSICATE SEEDLINGS AND ADVERSELY IMPACT GROWTH). IMPORTED TOPSOIL SHALL HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.5 PERCENT. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.

B. TOPSOIL SUBSTITUTE IS A SOIL MATERIAL WHICH MAY HAVE BEEN AMENDED WITH SAND, SILT, CLAY, ORGANIC MATTER, FERTILIZER OR LIME AND HAS THE APPEARANCE OF TOPSOIL. TOPSOIL SUBSTITUTES MAY BE UTILIZED ON SITES WITH INSUFFICIENT TOPSOIL FOR ESTABLISHING PERMANENT VEGETATION. ALL TOPSOIL SUBSTITUTE MATERIALS SHALL MEET THE REQUIREMENTS OF TOPSOIL NOTED ABOVE. SOIL TESTS SHALL BE PERFORMED TO DETERMINE THE COMPONENTS OF SAND, SILT, CLAY, ORGANIC MATTER, SOLUBLE SALTS AND PH LEVEL.

APPLYING TOPSOIL

A. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE, I.E., LESS THAN FIELD CAPACITY (SEE GLOSSARY).

B. APPLY TOPSOIL IN A UNIFORM APPLICATION TO AN AVERAGE DEPTH OF 5.0 INCHES. MINIMUM OF 4 INCHES, IF REQUIRED. IMPORTED TOPSOIL SHALL HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.5%, ORGANIC MATTER CONTENT MAY BE RAISE BY ADDITIVES.

C. ALTERNATIVE DEPTHS MAY BE CONSIDERED WHERE SPECIAL REGULATORY AND/OR INDUSTRY DESIGN STANDARDS ARE APPROPRIATE SUCH AS ON GOLF COURSES, SPORTS FIELDS, LANDFILL CAPPING, ETC. SOILS WITH A PH OF 4.0 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM DEPTH OF 12 INCHES OF SOIL HAVING A PH OF 5.0 OR MORE, IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOIL (PG. 1-1).

D. PURSUANT TO THE REQUIREMENTS IN SECTION 7 OF THE STANDARD FOR PERMANENT VEGETATIVE STABILIZATION, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT PERMANENT VEGETATIVE COVER BECOMES ESTABLISHED ON AT LEAST 85% OF THE SOILS TO BE STABILIZED WITH VEGETATION. FAILURE TO ACHIEVE THE MINIMUM COVERAGE MAY REQUIRE ADDITIONAL WORK TO BE PERFORMED BY THE CONTRACTOR TO INCLUDE SOME OR ALL OF THE FOLLOWING: SUPPLEMENTAL SEEDING, RE-APPLICATION OF LIME AND FERTILIZERS, AND/OR THE ADDITION OF ORGANIC MATTER (I.E. COMPOST) AS A TOP DRESSING. SUCH ADDITIONAL MEASURES SHALL BE BASED ON SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS CO-OPERATIVE EXTENSION SERVICE OR OTHER APPROVED LABORATORY FACILITIES QUALIFIED TO TEST SOIL SAMPLES FOR AGRONOMIC PROPERTIES.

SEE CHAPTER 8 FOR STANDARDS FOR "STRIPPING AND STOCKPILING" AND "SITE PREPARATION".

SESC NOTES & DETAILS

ALTERATIONS & ADDITIONS TO TATEM J. FITHIAN ELEMENTARY SCHOOL HADDONFIELD BOARD OF EDUCATION 1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No. 20277.25.10C1

Engineering, Planning, Architecture, Surveying Inc.

LAN ASSOCIATES

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Revisions:

8/13/26 BID SET

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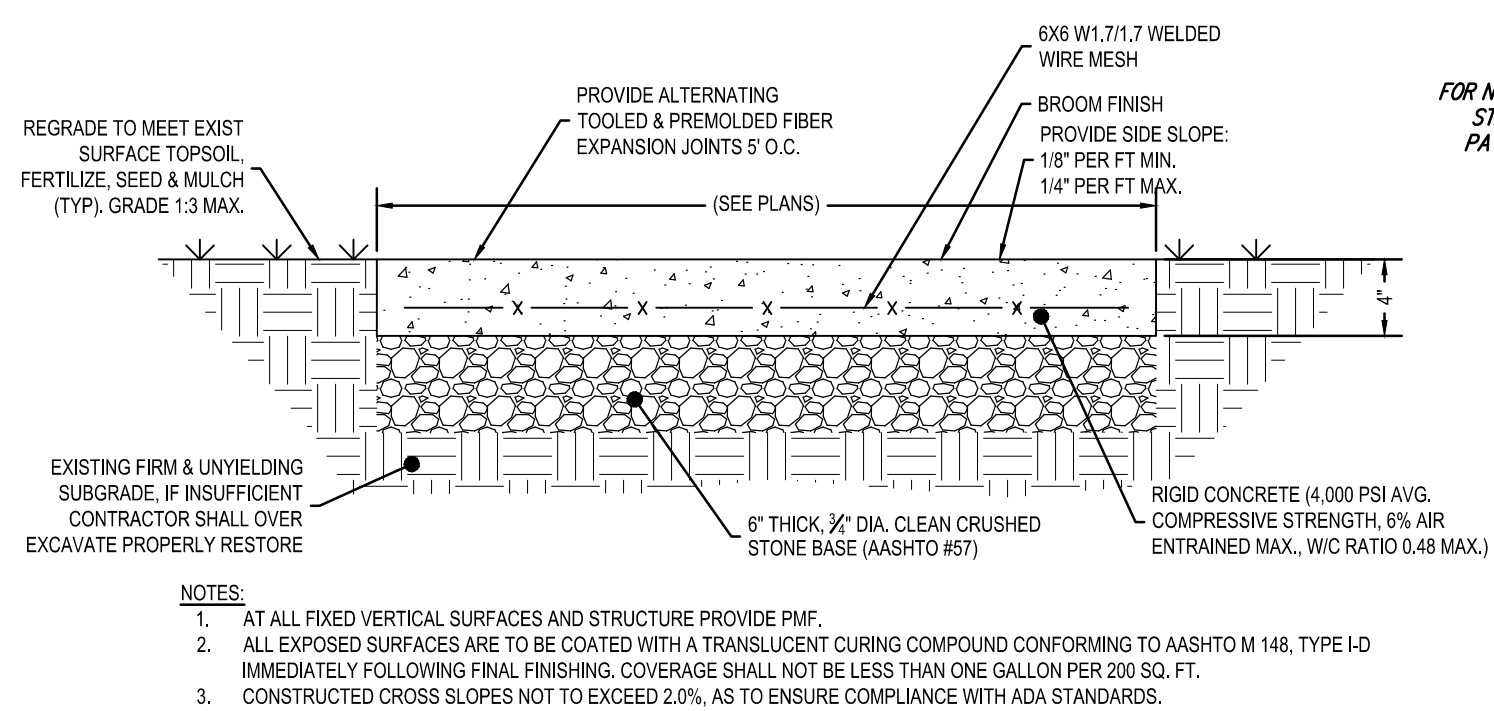
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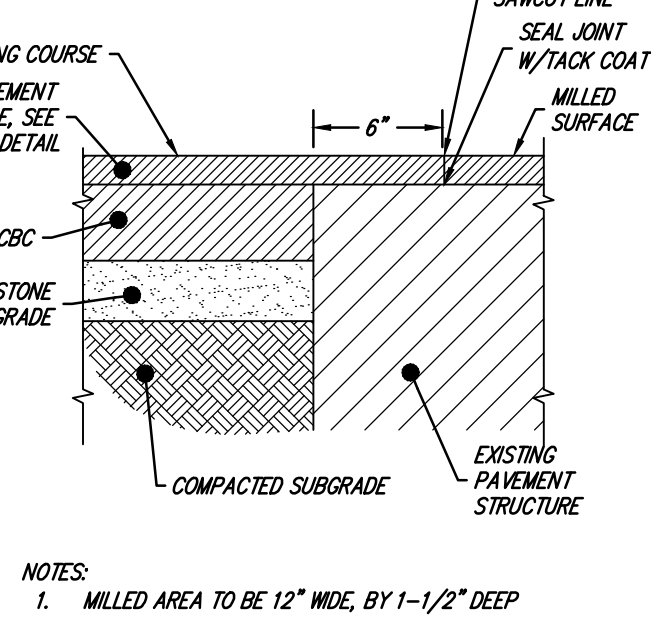
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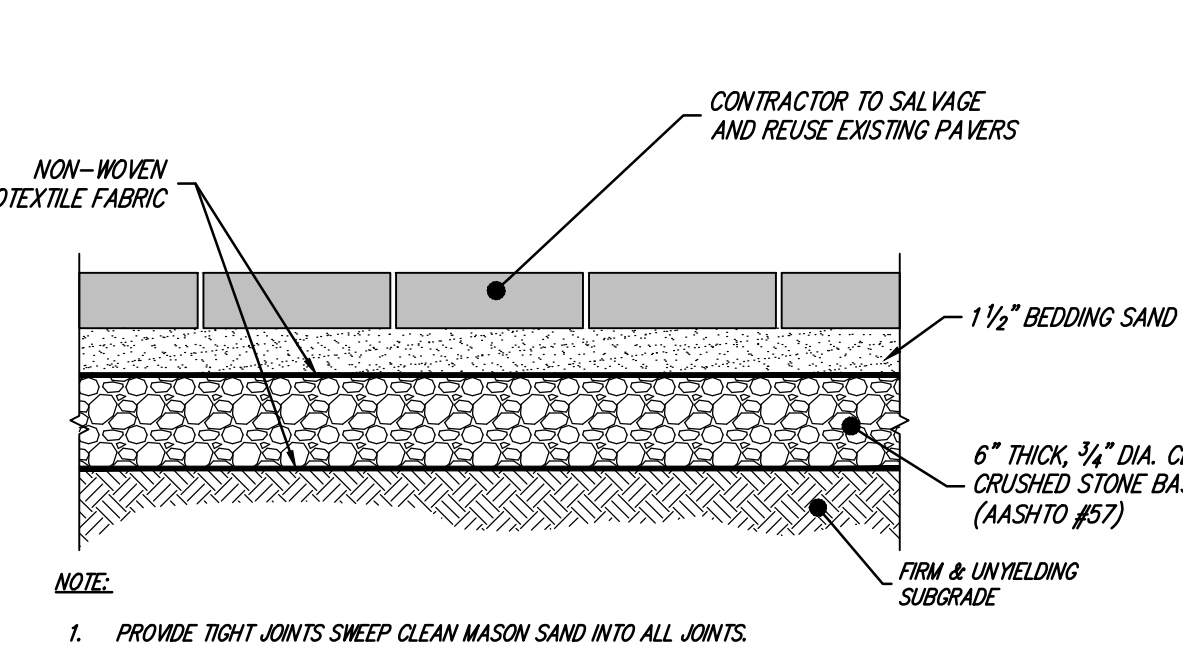




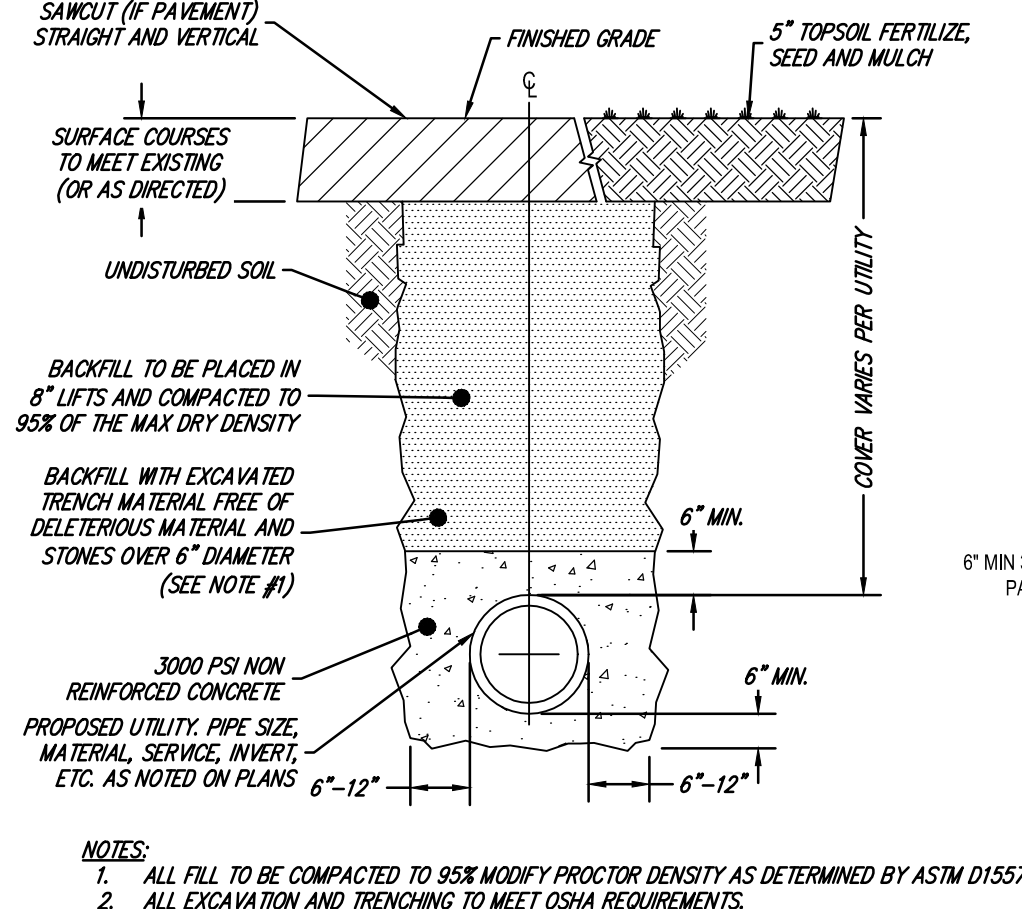
**1 TYP. CONCRETE SIDEWALK DETAIL**  
C901 NOT TO SCALE



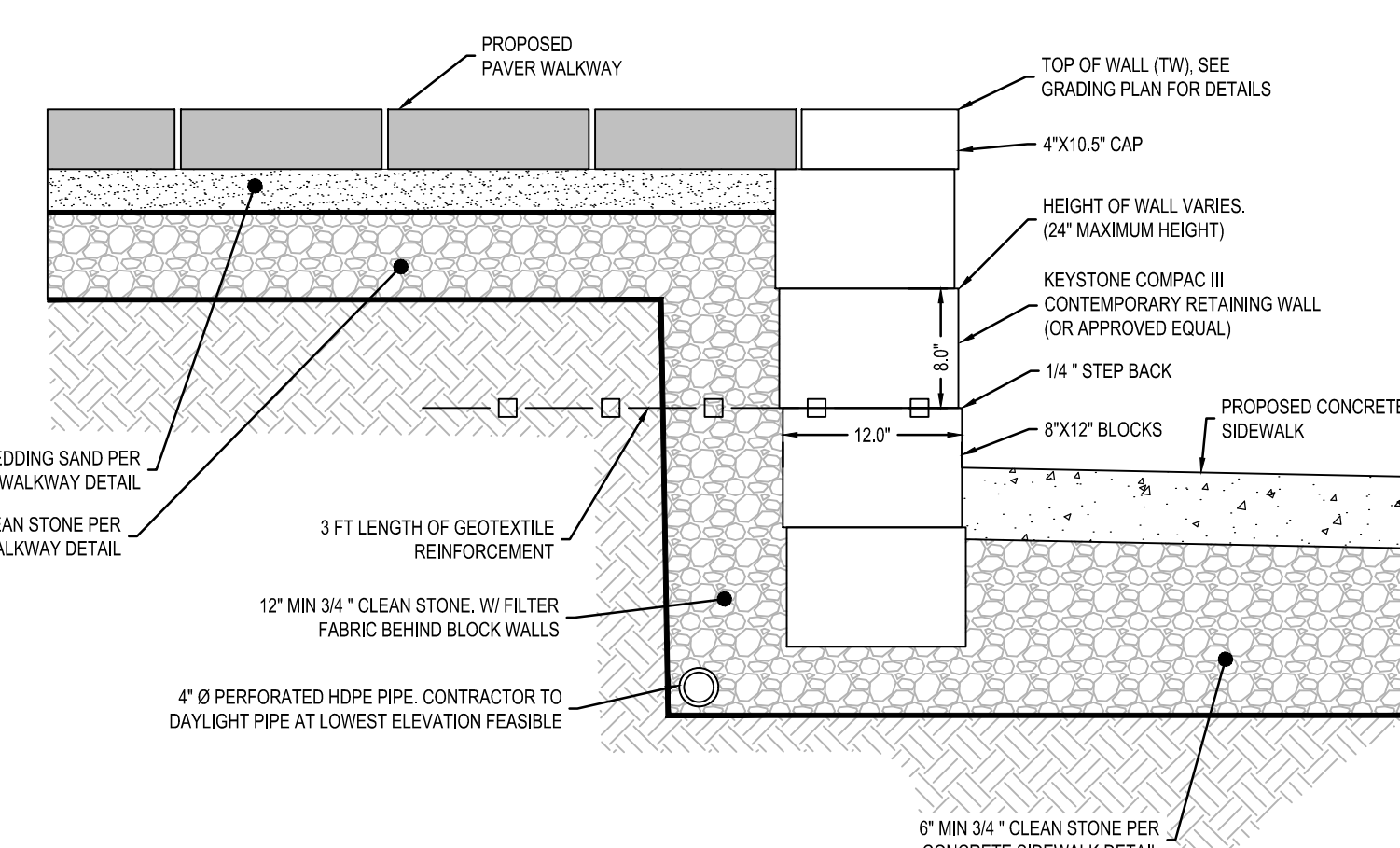
**2 SAW CUT DETAIL**  
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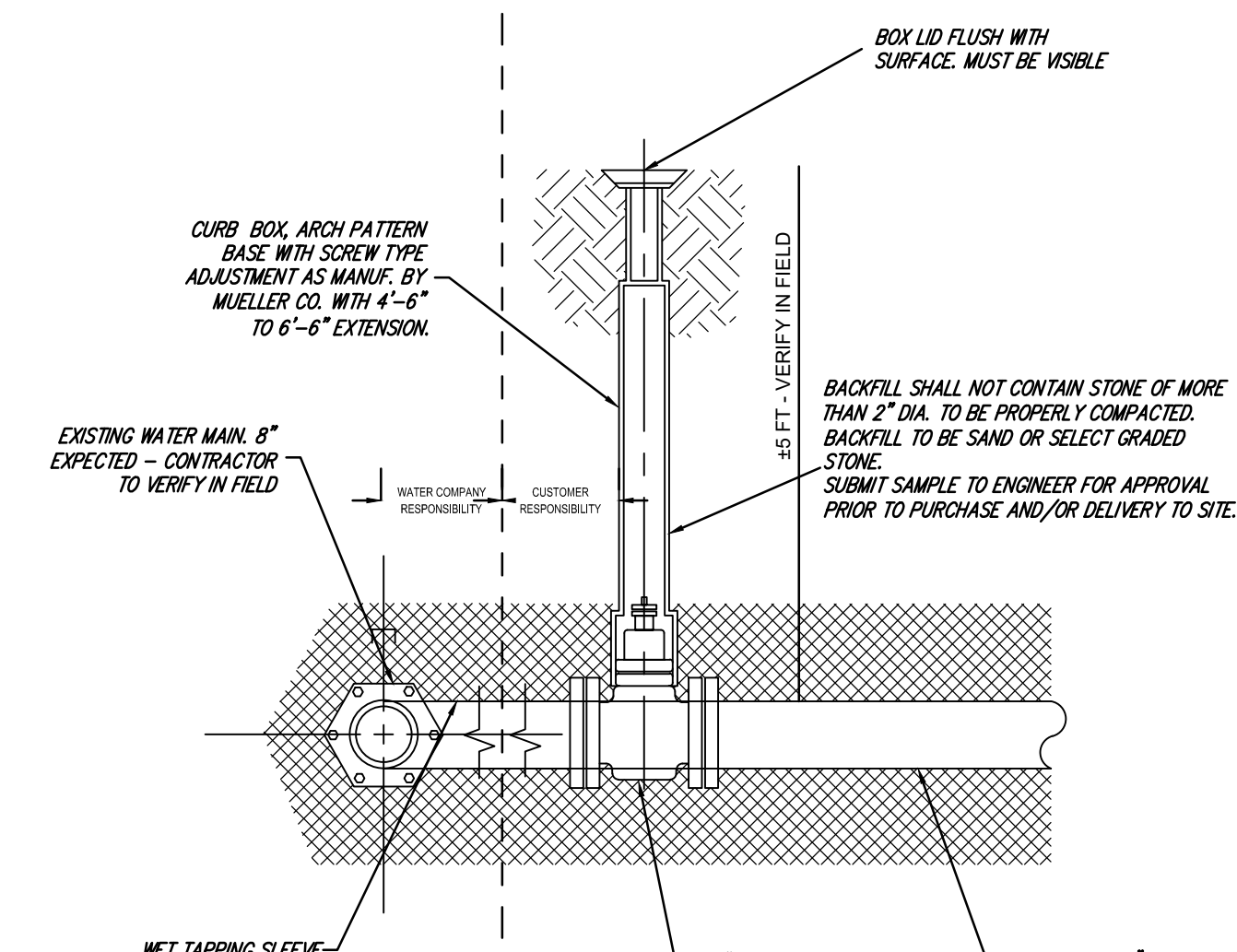
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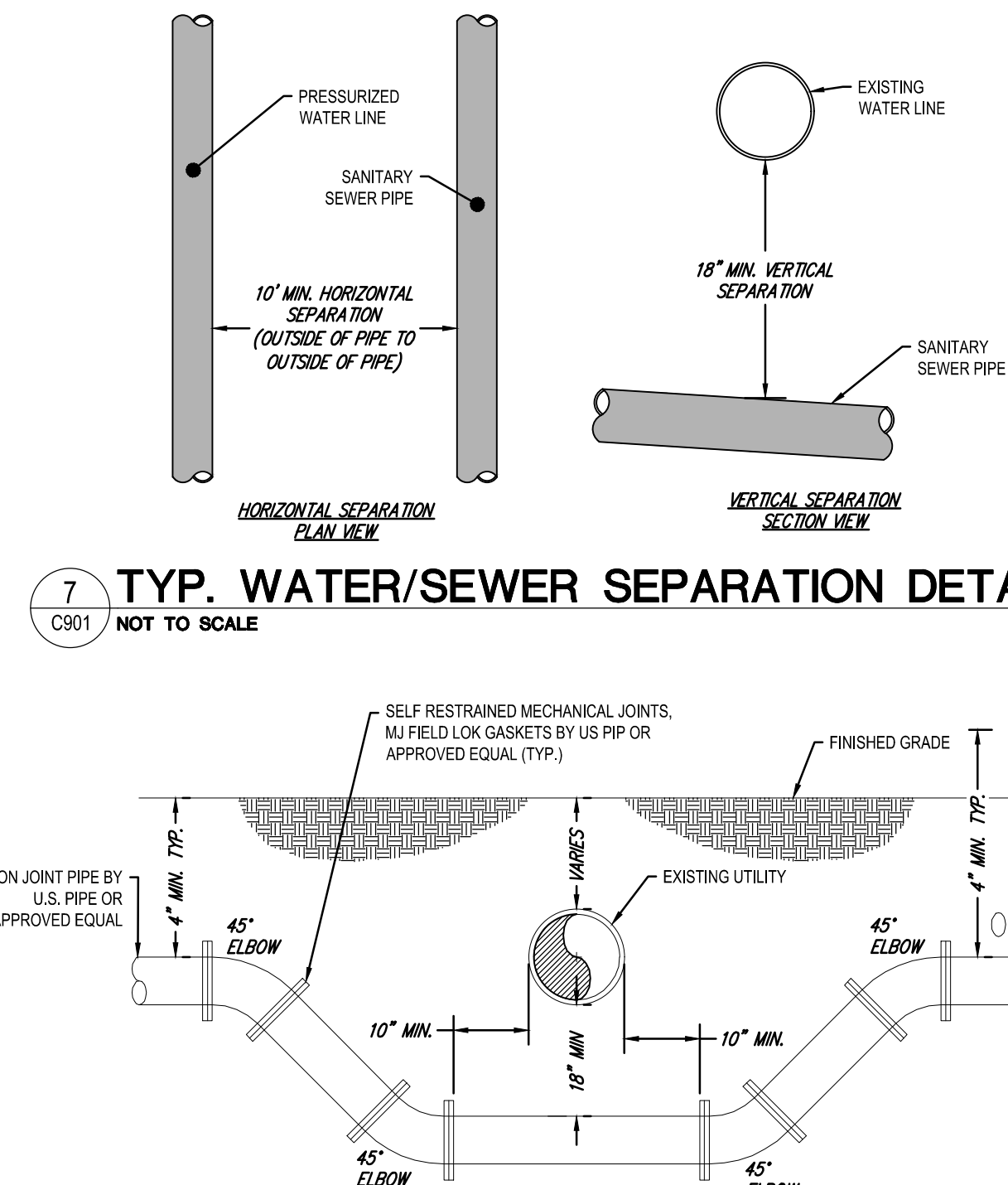
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C901 NOT TO SCALE



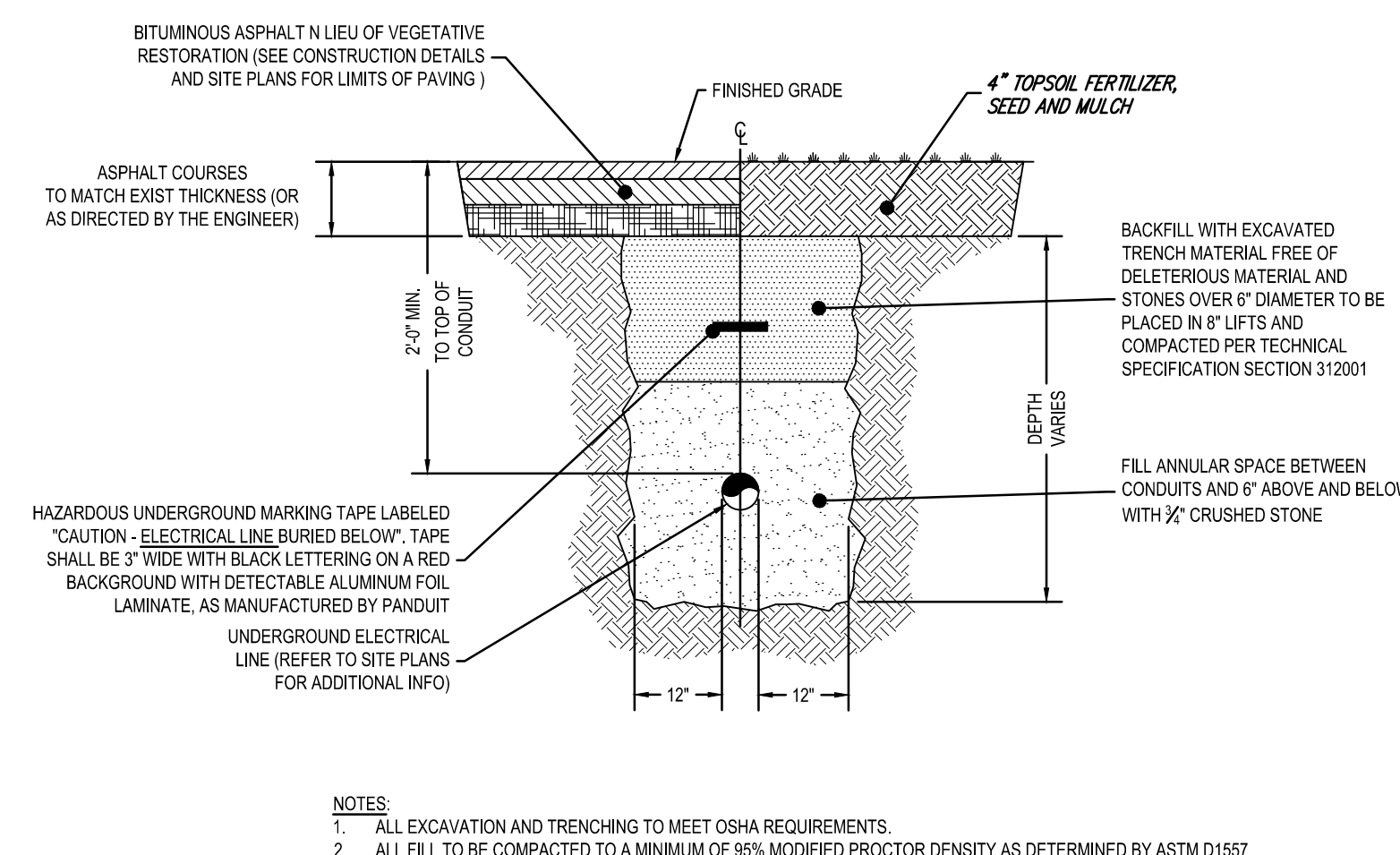
**5 SECTION A-A DETAIL**  
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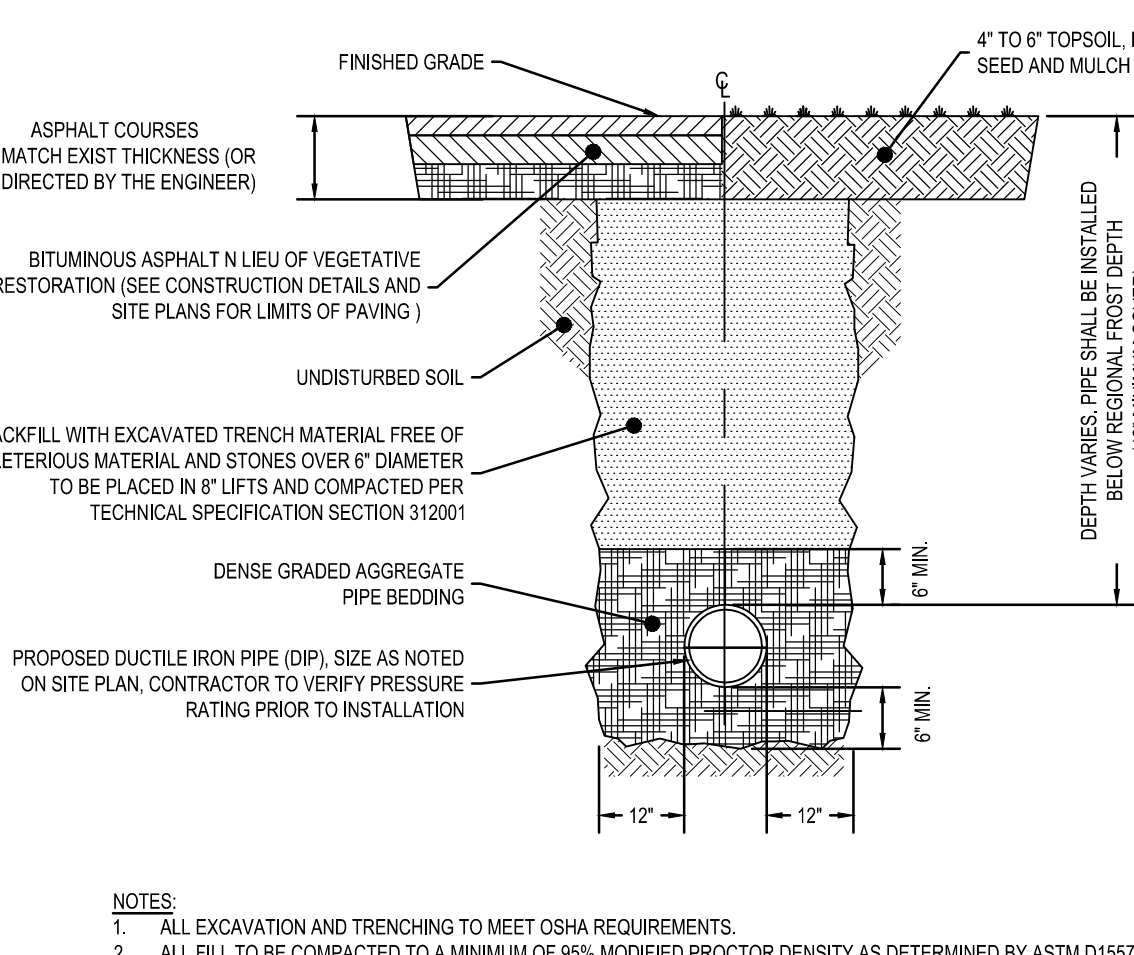
**6 WATER CONNECTION DETAIL**  
C901 NOT TO SCALE



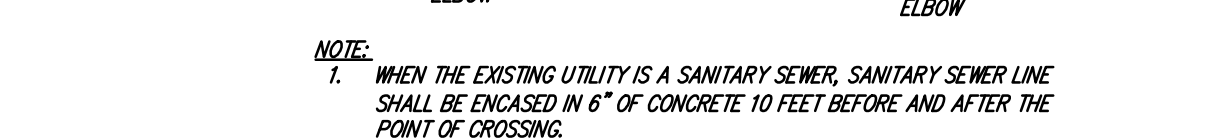
**7 TYP. WATER/SEWER SEPARATION DETAIL**  
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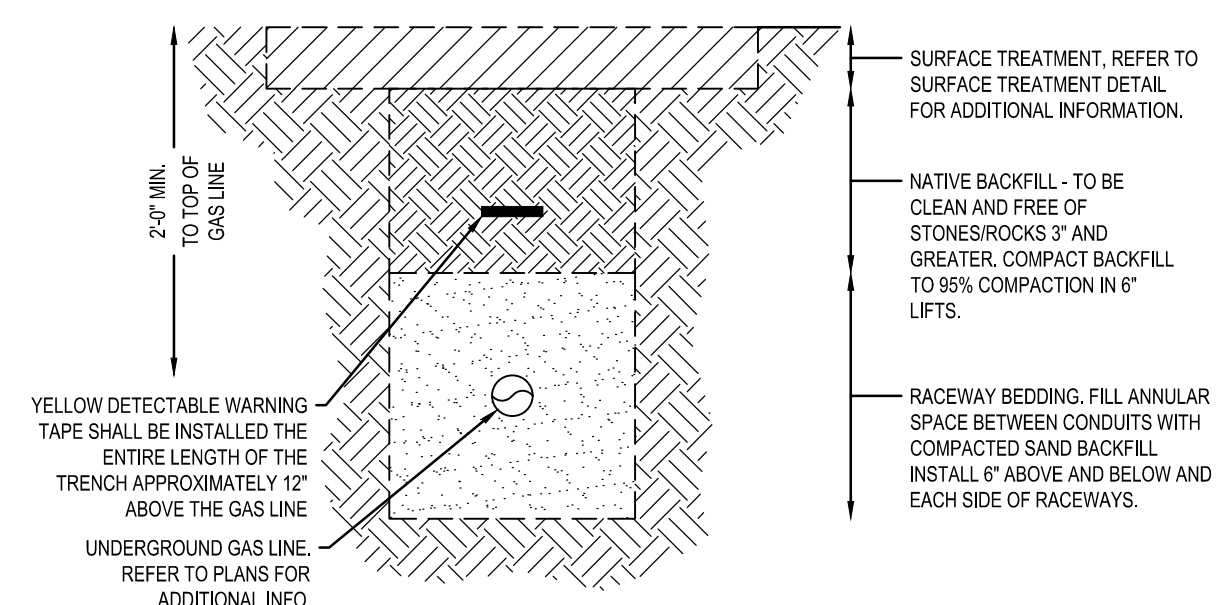
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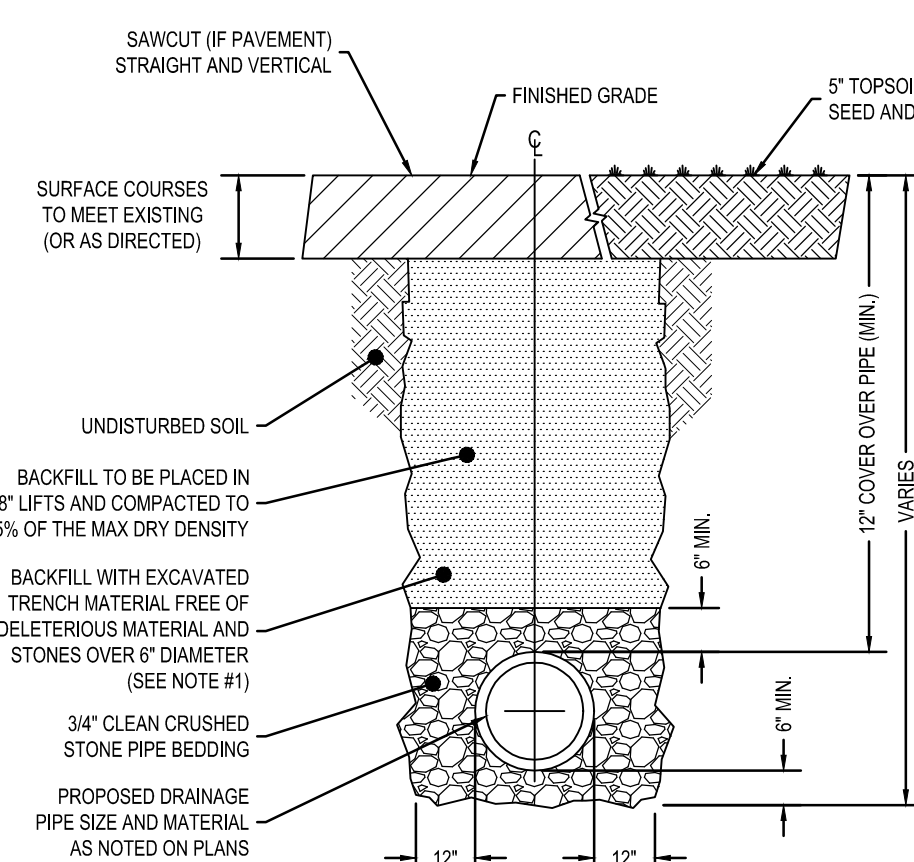
**10 TYP. WATERMAIN TRENCH DETAIL**  
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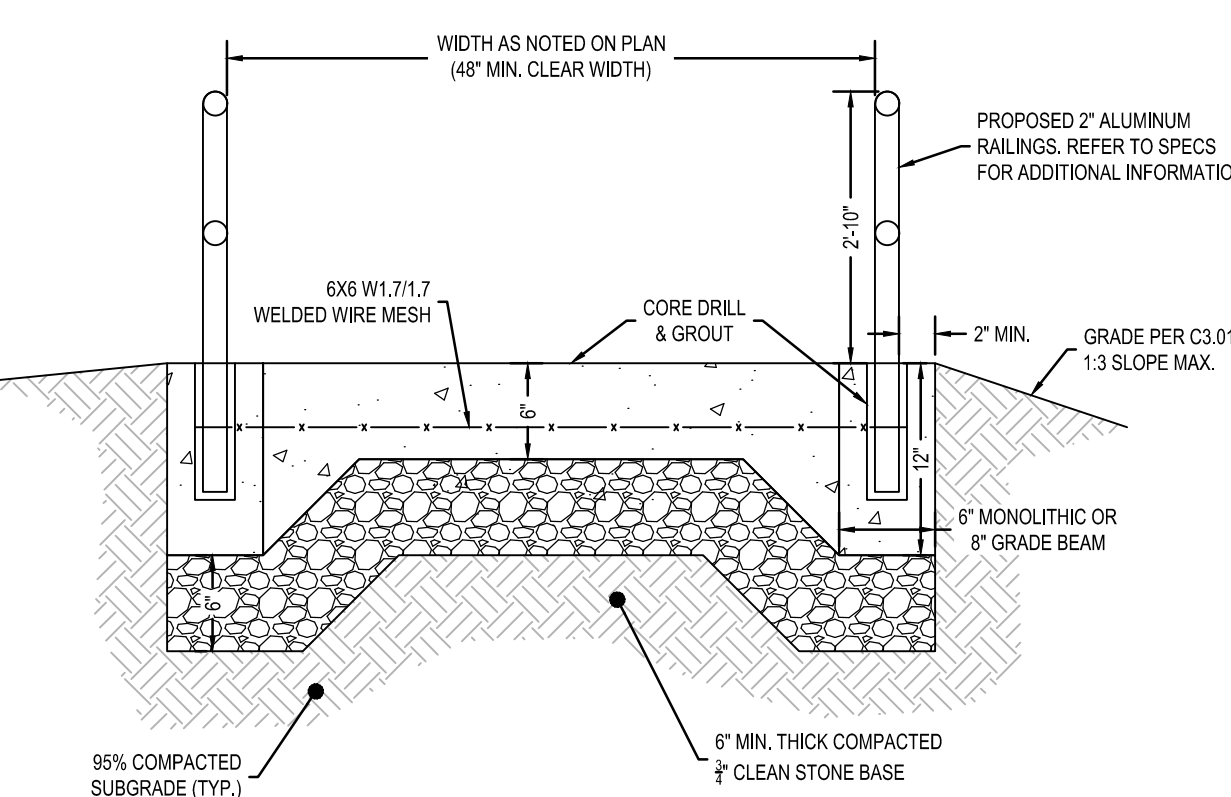
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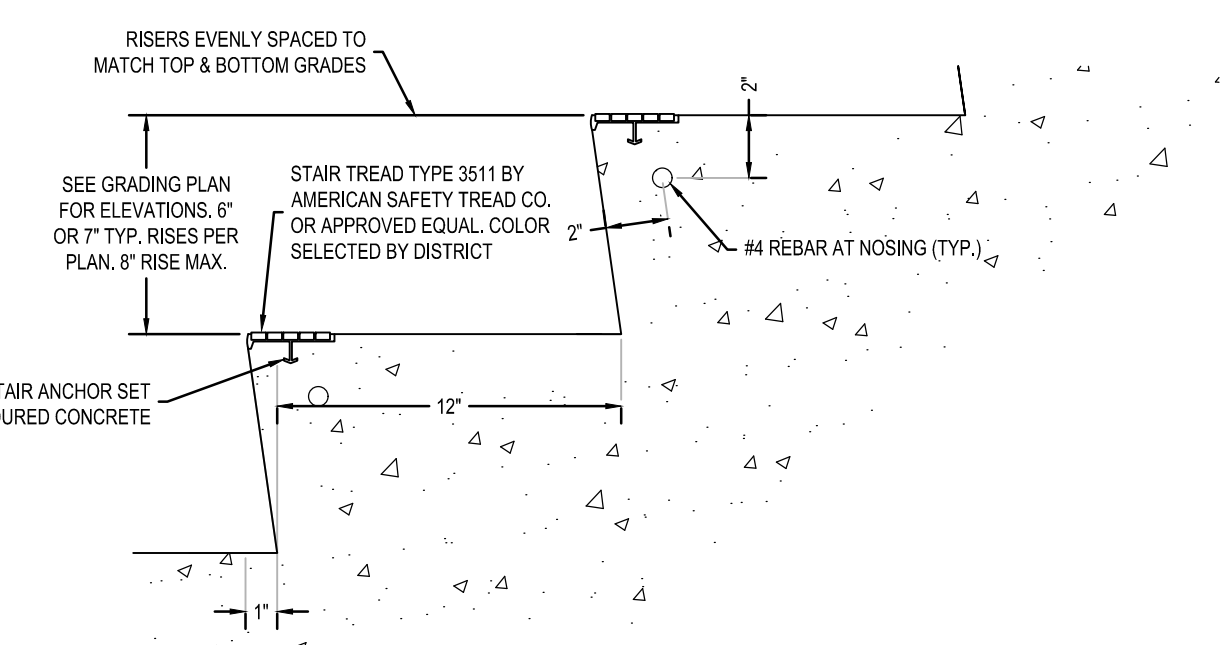
**11 GAS LINE TRENCHING DETAIL**  
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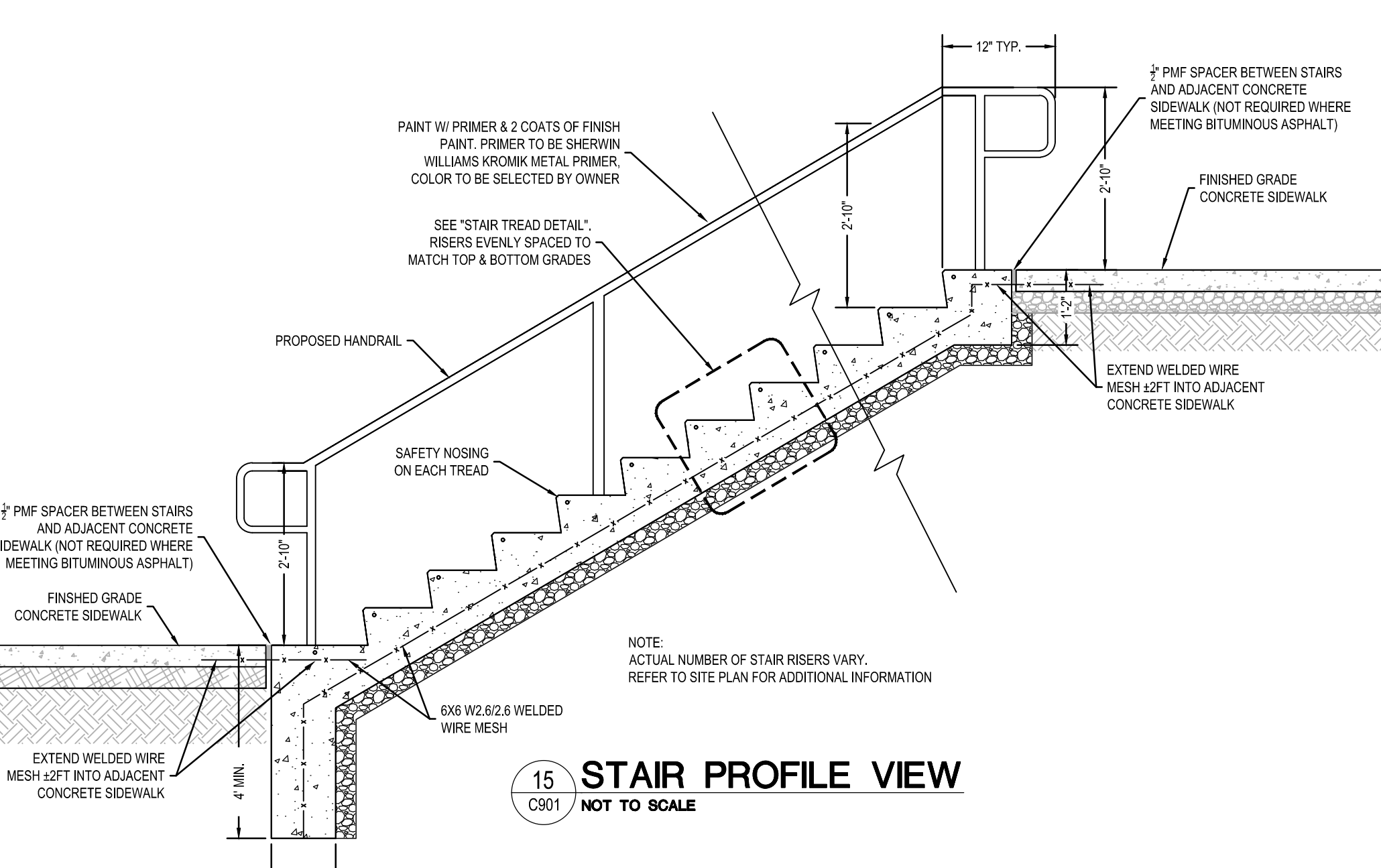
**12 TYP. STORMWATER TRENCH DETAIL**  
C901 NOT TO SCALE



**13 STAIR SECTION**  
C901 NOT TO SCALE

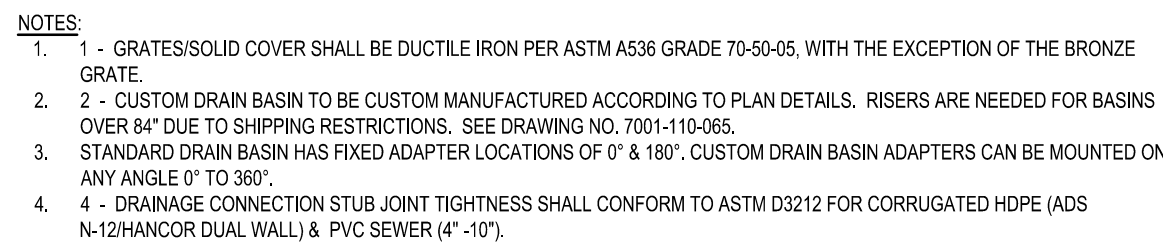


**14 STAIR TREAD DETAIL**  
C901 NOT TO SCALE



**15 STAIR PROFILE VIEW**  
C901 NOT TO SCALE





## OSA8R LED



- ### FEATURES

  - Suitable for a variety of low level lighting applications
  - Available with flat or dome top
  - LEDs provide high-efficiency, good color rendering and a variety of color options
  - Round aluminum bollard features a highly reflective bowl reflector with color-matched trim for effective light distribution and pleasing appearance day or night
  - Finned, extruded aluminum heat sink for maximum heat dissipation
  - Made Right Here® in the USA



- HOUSING – Fabricated aluminum, minimum .125" thick.
- HOUSING TOP – Spin aluminum, minimum .125" thick.
- REFLECTOR – Spin aluminum upper and lower reflectors to clear special view film.
- CYLINDER – Fabricate cylinder with 10" diameter, 10" high, 10" long cylinder sealed with silicone. Type V distribution.
- FINISH – Super durable polyester powder coat, baked to phosphate-free, multi-stage pretreated metal, meets and exceeds MIL-STD-2600 specifications for outdoor durability.
- ELECTRICAL – High quality copper plated on S.O.D. brass, 500,000 ohms, 1000' max. length, 100' max. free field install. Rated 40°F minimum start temperature.
- MOUNTING – Three-point cast aluminum mounting bracket. Installation a fullscale mounting template is provided with every bolt and anchor bolt order.
- LISTINGS –
  - eULUS certified to UL1598 and UL1598B; UL listed Canada and UL200 to 250,000 VAC for wet weather locations.
  - Listed with the Buy American Act and other federal regulations. Request certification at [www.embas.com](http://www.embas.com).
- WARRANTY – Limited lifetime warranty, see [www.warranty.org](http://www.warranty.org).

**NOTES**

<sup>1</sup> Lumen output based on 4000K/80CRI and WHT Finish. Actual lumens may vary +/-5%.

<sup>2</sup> See page 2 for FINISH OPTIONS.

<sup>3</sup> See page 2 for MOUNTING DETAILS.

<sup>4</sup> Three 3/8" x 12" cast-in galvanized steel anchor J-bolts, shipped with fixture.

<sup>5</sup> Three 3/8" x 12" cast-in galvanized steel anchor J-bolts.

<sup>6</sup> 120V, 277V, or 347V only; must specify voltage.

<sup>7</sup> 208V, 240V, or 480V only; must specify voltage.

| THRUST BLOCK SCHEDULE |       |             |       |            |       |          |       |          |  |
|-----------------------|-------|-------------|-------|------------|-------|----------|-------|----------|--|
| PIPE                  |       | TEE OR PLUG |       | 22.5° BEND |       | 45° BEND |       | 90° BEND |  |
| SIZE                  | L     | D           | L     | D          | L     | D        | L     | D        |  |
| 8"                    | 3'-0" | 1'-6"       | 1'-6" | 1'-6"      | 2'-6" | 1'-6"    | 4'-3" | 1'-6"    |  |
| 8"                    | 3'-6" | 1'-6"       | 1'-6" | 1'-6"      | 2'-9" | 1'-6"    | 4'-9" | 1'-6"    |  |
| 10"                   |       | 2'-0"       | 2'-0" | 1'-6"      | 3'-0" | 2'-0"    | 5'-0" | 2'-0"    |  |
| 12"                   |       | 2'-4"       | 2'-4" | 2'-6"      | 3'-3" | 3'-0"    | 5'-6" | 2'-6"    |  |

NOTES: (1) CONCRETE SHALL BE CLASS "B" IN SPECIFIED IN THE "NIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (1989 EDITION) AS AMENDED. (2) ABOVE SCHEDULE BASED ON AN ALLOWABLE SOIL BEARING OF 3000 P.S.F. AND 150 P.S.I. HYDROSTATIC PRESSURE.

Diagram illustrating the construction details of a concrete slab on compacted subgrade, showing various layers and reinforcement:

- Top Layer:** REGRADE TO MEET EXIST SURFACE TOPSOIL, FERTILIZE, SEED & MULCH (TYP), GRADE 1:3 MAX.
- Control Joint:**  $\frac{1}{2}$ " WIDE SAW-CUT CONTROL JOINT TO  $\frac{1}{2}$ " THE SLAB DEPTH, SPACING 2' O.C. PROVIDE  $\frac{1}{2}$ " PMF JNT @ 2' O.C., TYP.
- Reinforcement:** 6X6 W2/S2.9 WELDED WIRE MESH.
- Subgrade Preparation:** FOR CONSTRUCTION 2' X 2' SAW-CUT DIAMOND PATTERN.
- Slab Thickness:** VARIES SEE SITE PLAN.
- Finish:** WIRE FINISH.
- Side Elevation:** PROVIDE SIDE AS SPECIFIED PLAN.
- Base Layer:** 6" THICK,  $\frac{1}{2}$ " DIA. CLEAN CRUSHED STONE BASE (ASTM #57) ON COMPACTED SUBGRADE.
- Subgrade:** EXISTING FIRM & UNYIELDING SUBGRADE; IF INSUFFICIENT CONTRACTOR SHALL OVER EXCAVATE PROPERLY RESTORE.
- Concrete Slab:** RIGID CONCRETE (5,000 AVG. COMPRESSIVE STRENGTH; 5% AIR ENTRAINMENT MAX., W/C R. 0.45 MAX.).

- NOTES:**
1. AT ALL FIXED VERTICAL SURFACES AND STRUCTURE PROVIDE PMF.
  2. ALL EXPOSED SURFACES ARE TO BE COATED WITH A TRANSLUCENT CURING COMPOUND CONFORMING TO AASHTO M 148, TYPE I-D IMMEDIATELY FOLLOWING FINAL FINISHING. COVERAGE SHALL NOT BE LESS THAN ONE GALLON PER 200 SQ. FT.

The diagram illustrates the installation of a tree in a root ball, showing the tree, root ball, and surrounding soil structure. The tree is shown with its central leader and branches. The root ball is shown with a 2x root ball width. The surrounding soil is shown with a 2x root ball width. The diagram includes labels for various components and instructions.

- CENTRAL LEADER MUST NOT BE DAMAGED. PRUNE AS SPECIFIED. PAINT ALL MAJOR CUTS  $\frac{1}{2}$  DIAMETER AND OVER
- REINFORCED RUBBER HOSE
- CEDAR STAKE - 2 PER DECIDUOUS TREE
- DOUBLE 10 GAUGE WIRE GUY TWISTED - REMOVE TREE
- PROTECTIVE WRAP
- SET ROOT FLARE AT OR SLIGHTLY ABOVE FINISHED GRADE
- 3" MULCH LAYER SHALL NOT TOUCH TRUNK
- 3"X6"X6" SOIL BERM
- CEDAR STAKE - 3 PER EVERGREEN TREE
- CUT AND REMOVE BURLAP FROM TOP  $\frac{1}{3}$  OF BALL
- TOPSOIL MIXTURE LIGHTLY TAMPED AROUND ROOTBALL. DO NOT OVERCOMPACT
- FIRM OR RE-COMPACTED SUBSOIL PEDESTAL
- 2X ROOTBALL WIDTH
- 2X ROOTBALL WIDTH

1/2" PREMOLDED FILLER

4" CONCRETE SIDEWALK

12"

VARIES (6" TO 7")

POURED CONC. CURB IN 10-1/4" MAX. SECTIONS  
(CONC. STRENGTH TO BE 4,500 PSI AT 28 DAYS, 6%  
AIR ENTRAINMENT MAX., W/C RATIO 0.49 MAX) PROVIDE  
1/2" PREMOLDED EXP. JOINTS AT 10'-0" O.C.

6" THICK 3/4" DIA. CLEAN CRUSHED  
STONE BASE (ASHTO #57)

INTEGRAL COLORANT FOR CONCRETE  
INSTALLED PER MANUFACTURER INSTRUCTION  
COLOR SELECTED BY ARCHITECT, INGRETE  
COLOR-CRETE OR APPROVED EQUAL

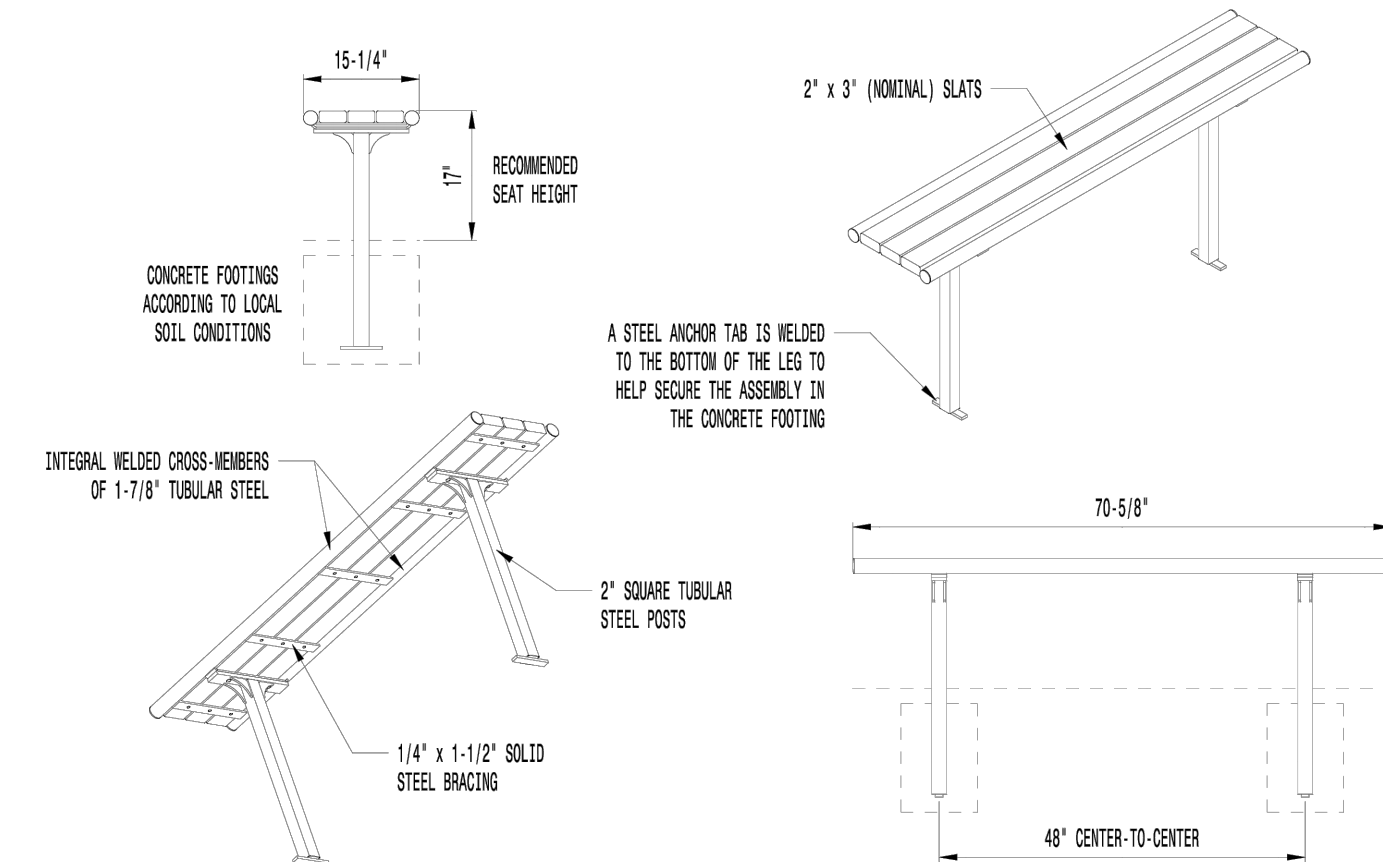
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\* ALL DIMENSIONS ARE IN INCHES \*

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THIS PRODUCT IS COVERED BY THE  
FOLLOWING U.S. PATENT: D595,973



AVAILABLE OPTIONS:

- POWDER COATING  
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS,  
CUSTOM COLORS (INCLUDING THE RAL RANGE)  
SLAT TYPES  
RECYCLED PLASTIC SLATS (NOT 2nd SITE SYSTEMS®)  
COLORS: GRAY, MAPLE, CHERRY, AND WALNUT  
SEE THE STREETSITE® BENCHES FOR ADDITIONAL SLAT

NOTES:

1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL UNPAINTED, EPOXY, PHOSPHATIZED, AND ELECTROLYTICALLY POWER-COATED CATHODICALLY PROTECTED. ALL STEEL PARTS ARE PREPARED, REFINISHED, AND POWER COATED TO MEET ALL REQUIREMENTS REQUIRED TO MEETING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 6-8 MILS (20-250 MICRONS).
3. THIS VICTOR STARLINE, INC. PRODUCT MUST BE PERMANENTLY AFFIXED IN THE GROUND, CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. FOR HIGH SOIL ABSTENT CLIMATES, HOT-DIP GALVANIZING BEFORE POWER COATING IS AVAILABLE. HOT-DIP GALVANIZING IS PERFORMED PER MILITARY QUALIFIED FINE GRADE STEEL. POWER COATING IS SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES ALL RESIDUE OF CHARGED LUDING ZINC AT OR ABOVE 800° F (+/- 100° F). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNWARRANTED RESIDUE TO THE ZINC SURFACE. AS A RESULT, THE POWER-COATED SURFACES FINISH OVER THAT GALVANIZED SURF MAY EXHIBIT BUBBLES, UNIFORM AS THE STANDARD FINISH. THIS UNIFORM AND INADEQUATE FINISH IS NORMAL. PER GALVANIZING, CONTACT MANUFACTURER FOR DETAILS.
5. ALL MANUFACTURES ARE SUBJECT TO THE DISCRETION OF THE MANUFACTURER FOR DETAILS.
6. THIS PRODUCT IS SHIPPED PARTIALLY ASSEMBLED.

|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
| Eng'r. Nos.                     | 24GA27937500 |
| Arch. Nos.                      | 21AC00012400 |
| Date                            | 8/13/2028    |
| Checked                         | JP           |
| Drawn                           | PK           |

**JUSTIN J. PROVENCHER, P.E.**

**Revisions:**  
8/13/26 BID SET

**Engineering,  
Planning,  
Architecture,  
Surveying Inc.**

**LAN ASSOCIATES**

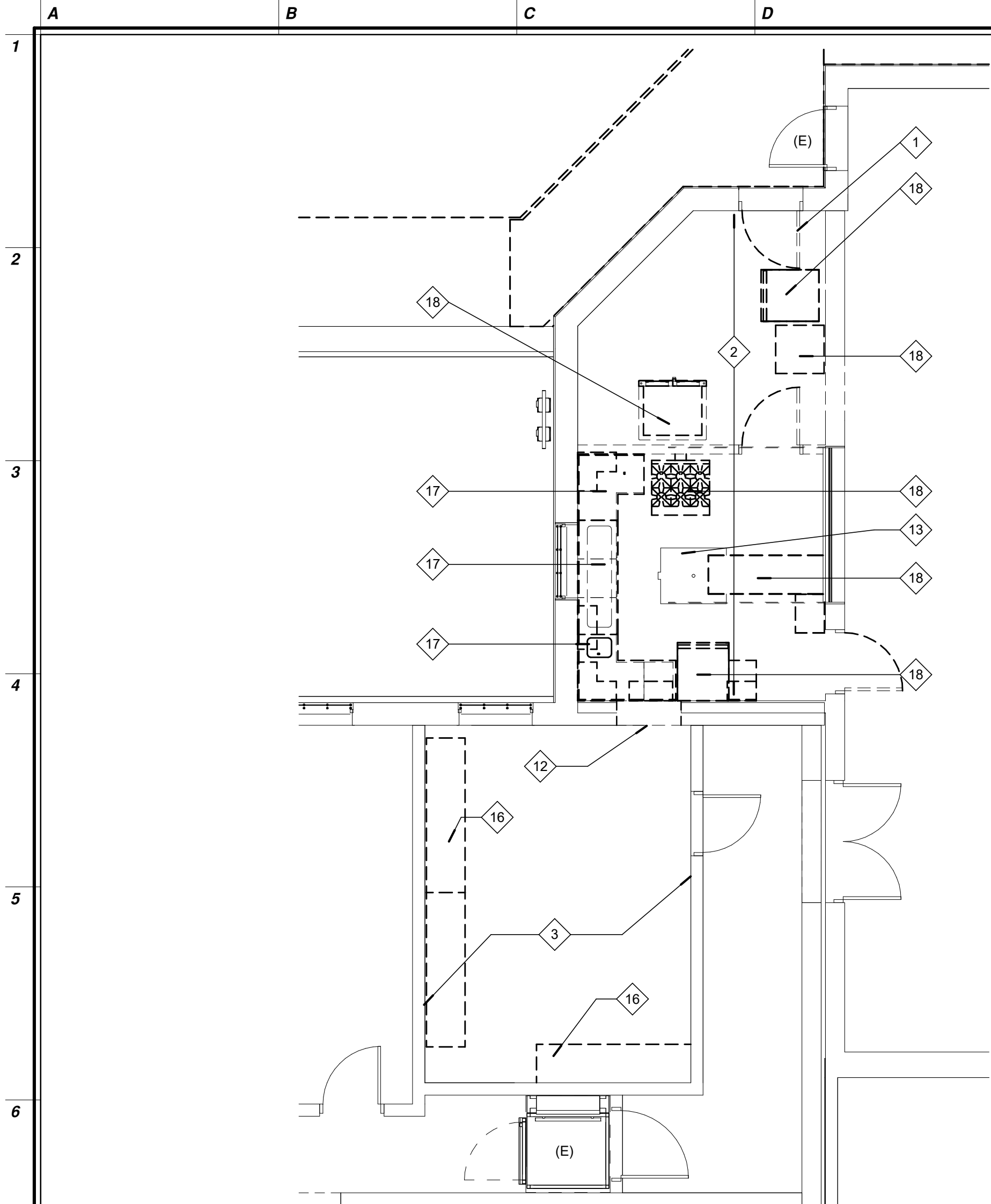
**CONSTRUCTION DETAILS (2 OF 2)**

Job No. 2,20277,25,10

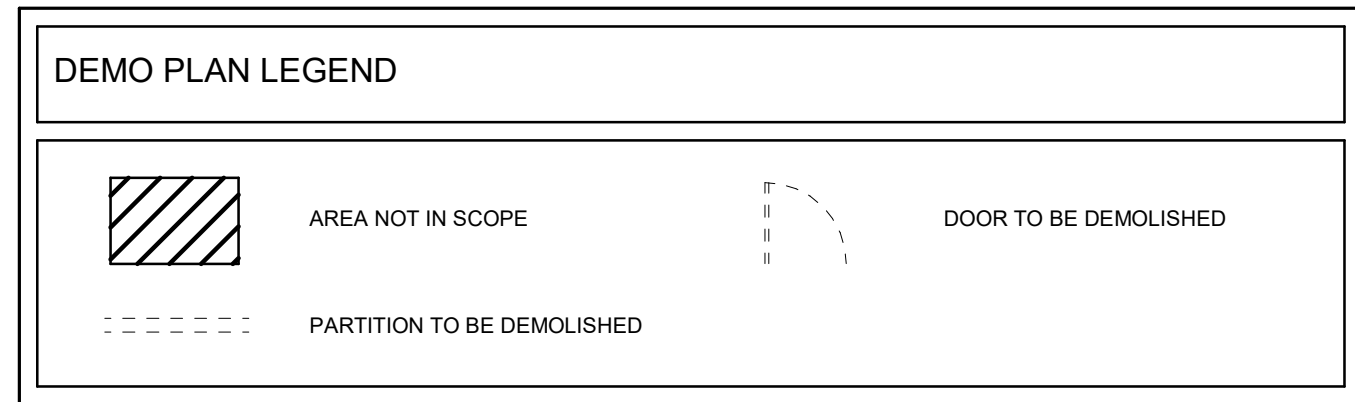
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## C9.02



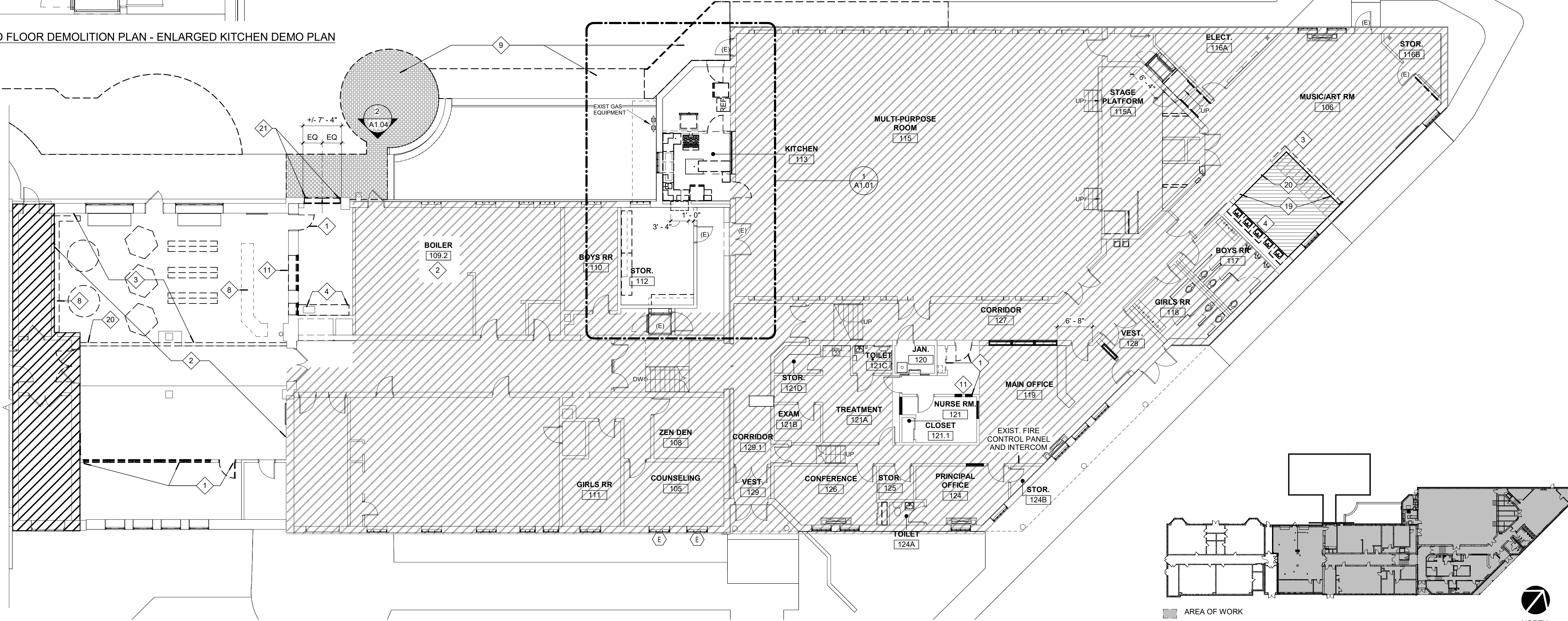


1 GROUND FLOOR DEMOLITION PLAN - ENLARGED KITCHEN DEMO PLAN  
A1.01 3/16" = 1'-0"



| DEMOLITION ANNOTATIONS |                                                                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KEY #                  | DESCRIPTION                                                                                                                                                                                                                                                                                                          |
| 1                      | DEMOLISH EXISTING CMU, BORROWED LITES, AND DOORS IN THEIR ENTIRETY.                                                                                                                                                                                                                                                  |
| 2                      | REFER TO MEFP DRAWINGS FOR MECHANICAL, PLUMBING, ELECTRICAL & FIRE SAFETY DEMOLITION EXTENT.                                                                                                                                                                                                                         |
| 3                      | OWNER WILL REMOVE EXISTING LOOSE FURNITURE AND EQUIPMENT PRIOR TO CONSTRUCTION.                                                                                                                                                                                                                                      |
| 4                      | DEMOLISH EXISTING CASEWORK & SINK. REFER TO PLUMBING DRAWINGS FOR EXTENT OF PLUMBING DEMOLITION.                                                                                                                                                                                                                     |
| 5                      | DEMOLISH EXISTING CARPET FLOORING AND RESILIENT BASE. REPAIR & PREP FLOOR TO CREATE SMOOTH, LEVEL CONTINUOUS SURFACE TO ACCOMMODATE NEW FLOORING - SEE SPEC                                                                                                                                                          |
| 6                      | DEMOLISH EXIST. EXTERIOR WINDOW SYSTEM IN THEIR ENTIRETY.                                                                                                                                                                                                                                                            |
| 7                      | DEMOLISH EXISTING CMU WALL AND INTERIOR WINDOW SYSTEM IN ITS ENTIRETY.                                                                                                                                                                                                                                               |
| 8                      | DEMOLISH EXISTING CASEWORK.                                                                                                                                                                                                                                                                                          |
| 9                      | REMOVE PORTION OF EXISTING PAVED AREA - SEE CIVIL PLANS.                                                                                                                                                                                                                                                             |
| 10                     | EXISTING UV UNIT TO BE REMOVED. SEE MECHANICAL DRAWINGS FOR DEMOLITION EXTENT.                                                                                                                                                                                                                                       |
| 11                     | REMOVE EXISTING INTERIOR WINDOW SYSTEM IN ITS ENTIRETY. G.C. TO PATCH AND REPAIR SURFACES TO REMAIN TO ACCEPT NEW SCOPE OF WORK.                                                                                                                                                                                     |
| 12                     | DEMOLISH EXISTING WALL CONSTRUCTION (ONLY AFTER CONSUTRCTION OF NEW STRUCTURAL LINTEL/FRAMING) AS REQUIRED. G.C. TO PROVIDE TEMPORARY STRUCTURAL SHORING AND TO PATCH AND REPAIR ADJACENT SURFACES TO REMAIN.                                                                                                        |
| 13                     | EXISTING GREASE INTERCEPTOR TO REMAIN. SEE PLUMBING DRAWINGS.                                                                                                                                                                                                                                                        |
| 14                     | DEMOLISH EXIST. MECHANICAL, ELECTRICAL & PLUMBING SYSTEM. CAP & SEAL ACTIVE SERVICES. (SEE MPE DWGS. FOR COMPLETE INFORMATION)                                                                                                                                                                                       |
| 15                     | REMOVE LOUVER FOR UV UNIT TO BE DEMOLISHED (SEE MECH DWGS) AND PATCH EXISTING WALL WITH SIMILAR CMU CONSTRUCTION.                                                                                                                                                                                                    |
| 16                     | DEMOLISH EXISTING WOOD BUILT-IN STORAGE SHELVES.                                                                                                                                                                                                                                                                     |
| 17                     | REMOVE & EXIST. FOODSERVICE EQUIPMENT FOR DEMOLITION. CAP & SEAL EXISTING SERVICES FOR RE-USE. (SEE MEP)                                                                                                                                                                                                             |
| 18                     | REMOVE & RETAIN EXIST. FOODSERVICE EQUIPMENT FOR RE-INSTALLATION. CAP & SEAL EXISTING SERVICES FOR RE-USE. (SEE MEP)                                                                                                                                                                                                 |
| 19                     | REMOVE & SALVAGE EXISTING PERIMETER ACOUSTICAL WALL PANELS.                                                                                                                                                                                                                                                          |
| 20                     | REMOVE SECTION OF EXISTING VCT FLOORING. G.C. TO PATCH AND PREP TO RECEIVE NEW WALL                                                                                                                                                                                                                                  |
| 21                     | REMOVE EXTERIOR WINDOWS AND SECTION OF WALL / MULLION BETWEEN THEM, LEAVING EXISTING CONTINUOUS STRUCTURAL LINTEL IN PLACE. REMOVE BRICK AND CAST STONE VENEER AT OPENING - SEE A1.04, PROPOSED PLANS AND STRUCTURAL DRAWINGS FOR DETAILS. PREPARE OPENING FOR NEW EXPANSION JOINT, DOOR AND CONNECTION TO ADDITION. |

- GENERAL DEMOLITION NOTES
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY INSPECT THE AREA OF WORK IN ORDER TO VERIFY ACTUAL CONDITIONS AND FULL SCOPE OF DEMOLITION AND REMOVAL WORK REQUIRED. ALL DEMOLITION WORK IS REQUIRED TO BE PERFORMED IN A SEQUENCE SO AS NOT TO DELAY THE WORK OF ANY OTHER TRADE.
  - THE CONTRACTOR SHALL INSPECT ALL EXISTING ITEMS AND SURFACES TO REMAIN AND PROVIDE ADEQUATE PROTECTION FROM DEMOLITION WORK. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED ITEMS AND FINISHES IN KIND TO MATCH EXISTING ADJACENT AREAS AT NO ADDITIONAL COST TO THE OWNER.
  - THE CONTRACTOR IS TO COORDINATE ALL INDICATED DEMOLITION WITH NEW CONSTRUCTION TO ENSURE PROPER LOCATION AND DIMENSIONS OF DEMOLISHED AREAS. INFORM ARCHITECT OF ANY DISCREPANCIES.
  - THE CONTRACTOR SHALL MAINTAIN EXISTING BUILDING UTILITIES IN OPERATION, AND PROTECT AGAINST DAMAGE DURING THE PERFORMANCE OF THE WORK.
  - THE CONTRACTOR SHALL COMPLY WITH ALL OF THE OWNER'S REGULATIONS AS TO THE REQUIREMENTS FOR HANDLING OF MATERIALS, EQUIPMENT, AND DEBRIS TO AVOID CONFLICT AND INTERFERENCE WITH THE OWNER'S OPERATIONS. DEMOLITION MUST BE PERFORMED DURING HOURS SPECIFIED BY THE OWNER, AND ARRANGED TO AVOID INCONVENIENCE TO THE OWNER.
  - THE CONTRACTOR SHALL MAINTAIN CLEAR EGRESS TO ALL CORRIDORS DURING AND AFTER DEMOLITION.
  - THE CONTRACTOR SHALL PROVIDE DUST PROTECTION TO SEPARATE DEMOLITION AREA FROM THE REST OF THE FACILITY. PROVIDE TEMPORARY FILTERS AS REQUIRED TO PREVENT THE SPREAD OF DUST THROUGH THE BUILDING VIA THE RETURN AIR SYSTEM.
  - THE CONTRACTOR IS TO MAINTAIN FIRE RATINGS OF EXISTING RATED FLOOR/CEILING, AND WALL ASSEMBLIES AS REQUIRED BY CODE. PATCH AND REPAIR OPENINGS IN AND/OR PENETRATIONS THROUGH EXISTING FIRE RATED ASSEMBLIES.
  - ALL FIRE PROTECTION SYSTEMS (INCLUDING SPRINKLERS, SMOKE DETECTORS, FIRE PULL STATIONS, ETC.) ARE TO REMAIN ACTIVE DURING AND AFTER DEMOLITION. PLACE SYSTEM ON TEST MODE, DURING MODIFICATIONS W/ APPLICABLE FIRE WATCH IN PLACE AS REQ'D.
  - ALL AUTOMATIC FIRE ALARM EQUIPMENT (IF APPLICABLE) TO BE SECURED AND PROTECTED PRIOR TO DEMOLITION. ALL DAMAGED EQUIPMENT DURING DEMOLITION ARE TO BE REPLACED AND REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
  - NOTIFY ARCHITECT IF DETERIORATED STRUCTURAL COMPONENTS ARE UNCOVERED DURING DEMOLITION. IF UNCOVERED, ANY PREVIOUSLY HIDDEN STRUCTURAL ELEMENTS ARE TO REMAIN INTACT UNLESS OTHERWISE INSTRUCTED BY ARCHITECT.
  - REMOVE DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS DAILY. PREMISES MUST BE LEFT BROOM CLEAN AND READY FOR NEW CONSTRUCTION.
  - ALL BLINDS ARE TO BE REPLACED WITH NEW BLINDS.
  - AFTER REMOVAL OF WINDOWS, ALL (E) LINTELS WILL BE MECHANICALLY CLEANED AND PREPPED FOR NEW 1 COAT OF PRIMER AND 2 COATS OF PAINT



2 GROUND FLOOR DEMOLITION PLAN  
A1.01 3/32" = 1'-0"

3 KEY PLAN  
A1.01 1" = 50'-0"

NJ Certificate of Authorization

|            |              |
|------------|--------------|
| Engr. Nos. | 24GA27837800 |
| Arch. Nos. | 21AC00012400 |
| Date       | 08-13-2026   |
| Checked    | TC           |
| Drawn      | TB, KK       |

JEFFREY POTTER, R.A.

THE REGISTERED ARCHITECT License No. NJ21A02015400

Date 11/04/25 Description BID ISSUE

**PRELIMINARY  
NOT FOR CONSTRUCTION**

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

**LAN ASSOCIATES**

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

GROUND FLOOR DEMOLITION PLAN  
ALTERATIONS & ADDITIONS TO J. FIFTH TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

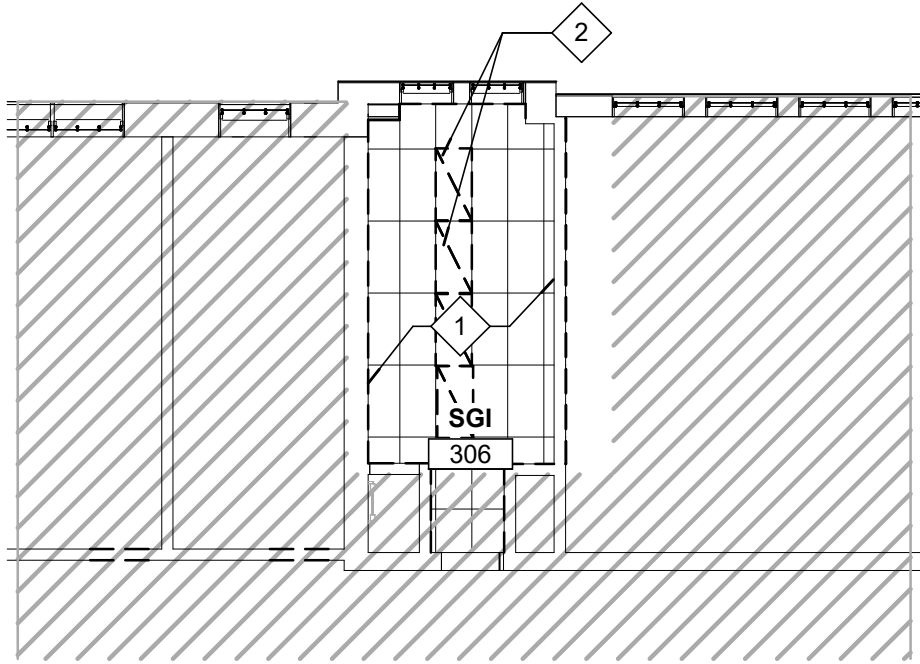
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**A1.01**

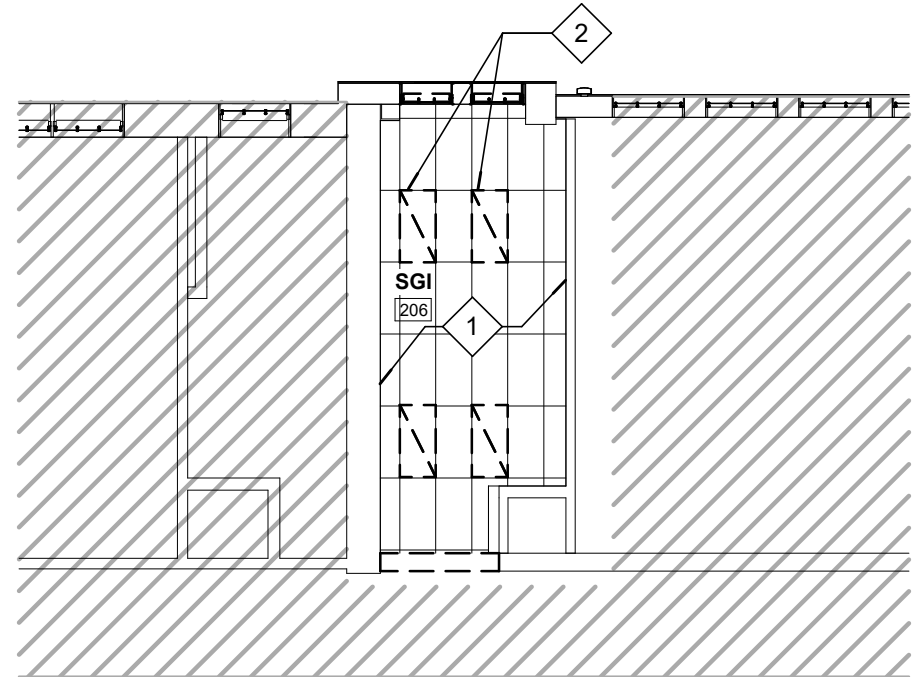




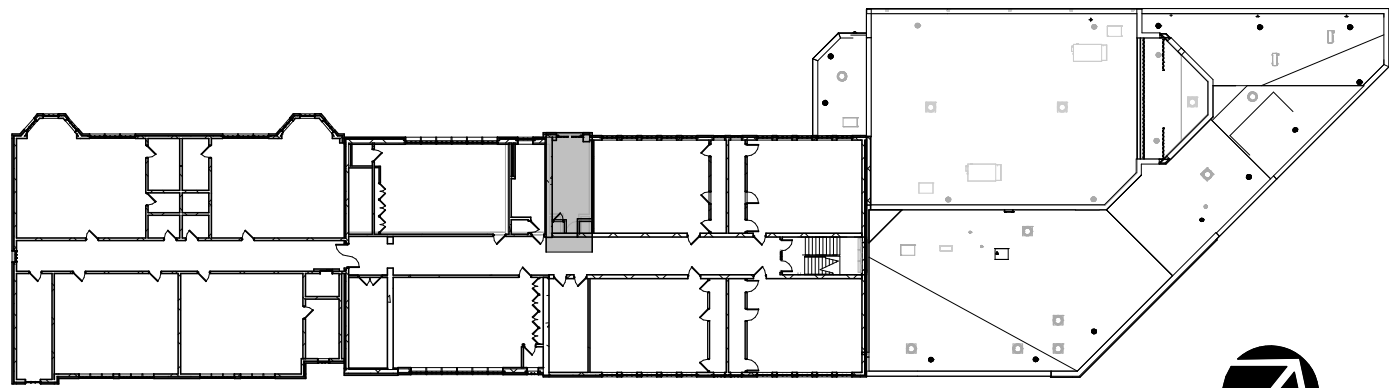




5 2nd FLOOR DEMO RCP  
A1.03 3/32" = 1'-0"



2 DEMO 1ST FLOOR RCP  
A1.03 3/32" = 1'-0"



4 KEY PLAN 2 & 5/A1.03  
A1.03 1" = 50'-0"

DEMOLITION RCP ANNOTATIONS

# SYMBOL INDICATES DEMO KEY NOTE

CEILING PLAN DEMOLITION KEYNOTES SCHEDULE

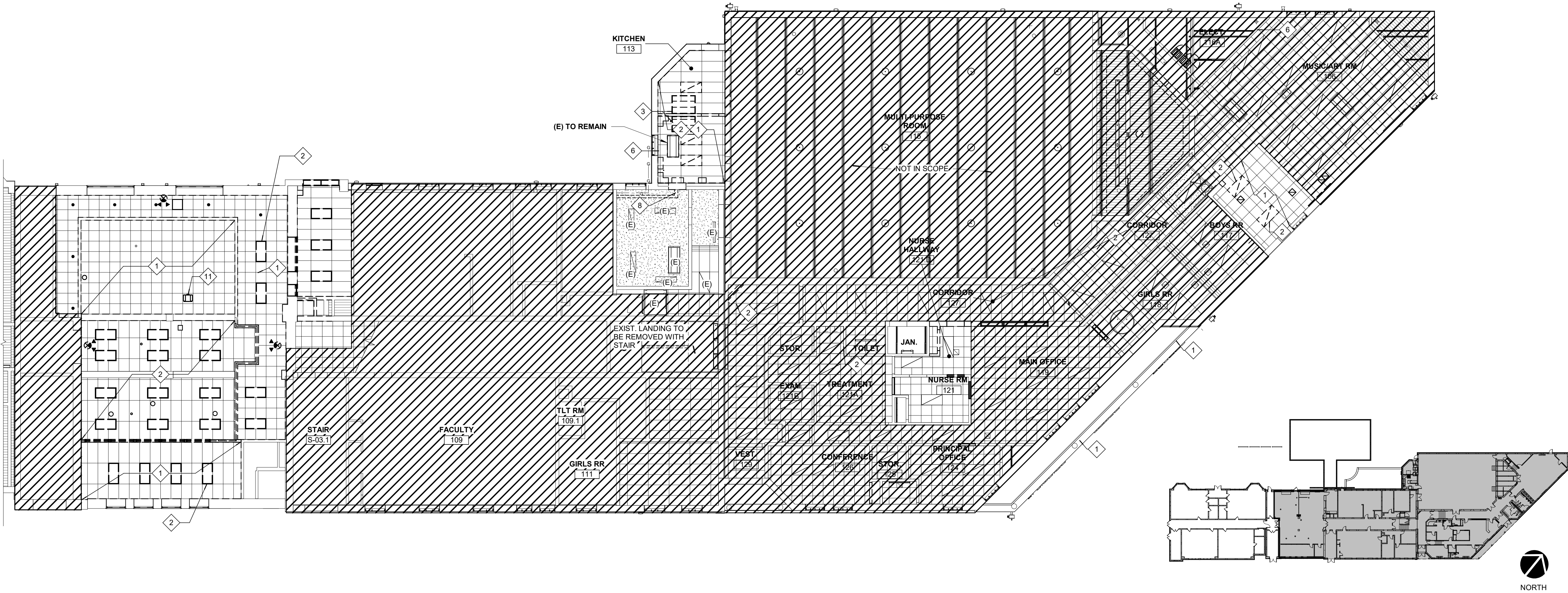
| KEY # | DESCRIPTION                                                                                                                     |
|-------|---------------------------------------------------------------------------------------------------------------------------------|
| 1     | REMOVE EXISTING CEILING TILE SYSTEM, LIGHTS, AND CEILING MOUNTED ITEMS IN THEIR ENTIRETY AND PREPARE AREA FOR NEW INSTALLATION. |
| 2     | REFER TO ELECTRICAL DRAWINGS FOR THE ELECTRICAL & FIRE SAFETY DEMOLITION EXTENT.                                                |
| 3     | REMOVE EXISTING HOOD AND ANSUL SYSTEM.                                                                                          |
| 6     | REMOVE & RETAIN EXIST. EQUIPMENT FOR RE-INSTALLATION                                                                            |
| 8     | RELOCATE EXISTING MECH. HOT & COLD WATER PIPING FOR NEW DOOR OPENING.                                                           |
| 9     | REMOVE SECTION OF EXISTING BULKHEAD IN ITS ENTIRETY.                                                                            |
| 10    | REFER TO ELECTRICAL DRAWINGS FOR THE ELECTRICAL & FIRE SAFETY DEMOLITION EXTENT.                                                |
| 11    | REMOVE AND SALVAGE EXISTING PROJECTOR, SCREEN, AND SPEAKERS                                                                     |

DEMO PLAN LEGEND

AREA NOT IN SCOPE  
DOOR TO BE DEMOLISHED  
PARTITION TO BE DEMOLISHED

GENERAL DEMOLITION NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO THOROUGHLY INSPECT THE AREA OF WORK IN ORDER TO VERIFY ACTUAL CONDITIONS AND FULL SCOPE OF DEMOLITION AND REMOVAL WORK REQUIRED. ALL DEMOLITION WORK IS REQUIRED TO BE PERFORMED IN A SEQUENCE SO AS NOT TO DELAY THE WORK OF ANY OTHER TRADE.
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- REMOVE DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS DAILY. PREMISES MUST BE LEFT BROOM CLEAN AND READY FOR NEW CONSTRUCTION.
- ALL BLINDS ARE TO BE REPLACED WITH NEW BLINDS.
- AFTER REMOVAL OF WINDOWS, ALL (E) LINTELS WILL BE MECHANICALLY CLEANED AND PREPPED FOR NEW 1 COAT OF PRIMER AND 2 COATS OF PAINT



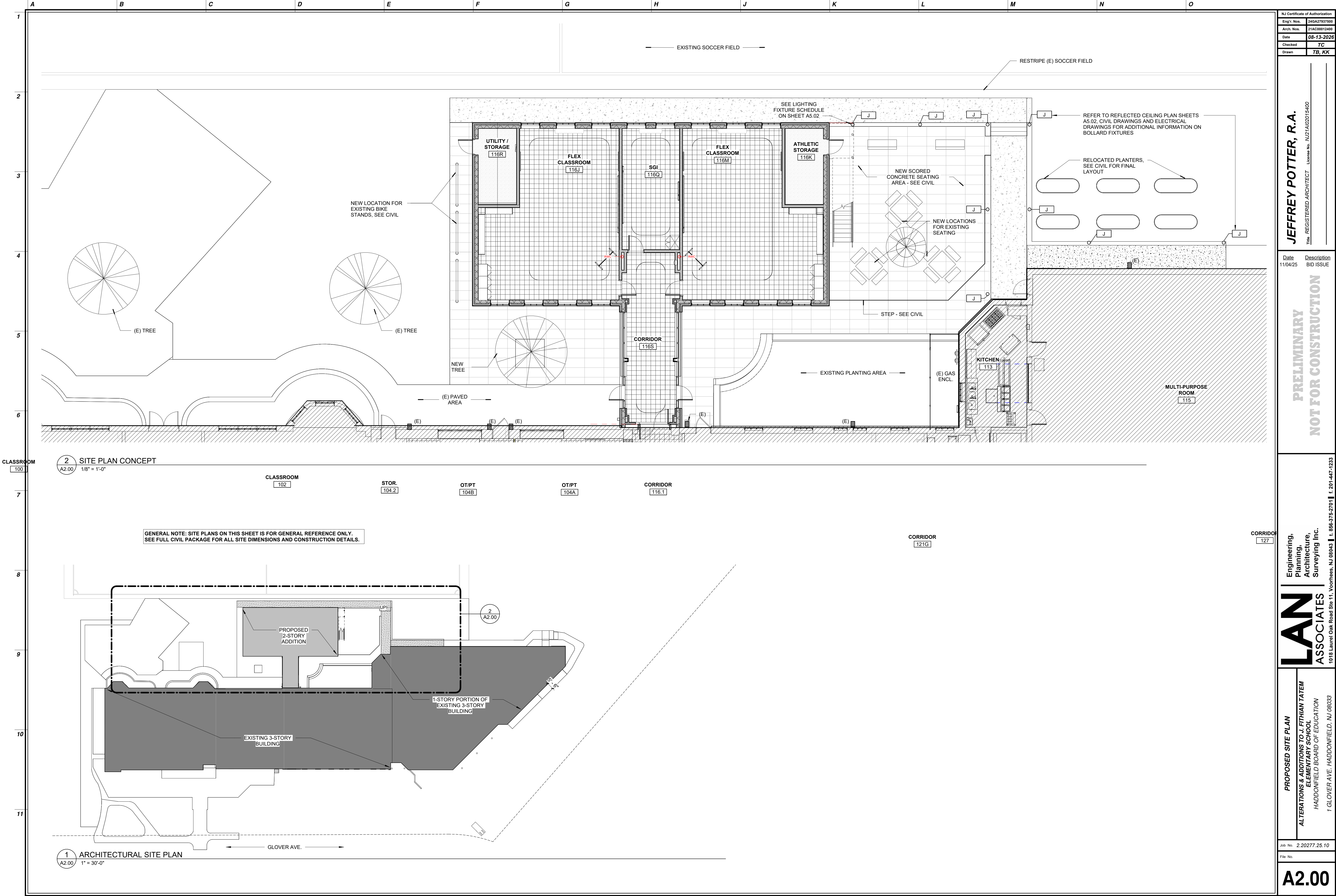
1 DEMO GROUND FLOOR RCP  
A1.03 3/32" = 1'-0"

3 KEY PLAN  
A1.03 1" = 50'-0"









NJ Certificate of Authorization

Eng'y. Nos. 24GA27937660

Arch. Nos. 21AC00012400

Date 08-13-2026

Checked TC

Drawn TB, KK

JEFFREY POTTER, R.A.

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT License No. NJ21402015400

Date 11/04/25

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering, Planning, Architecture, Surveying Inc.

LAN ASSOCIATES

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

PROPOSED SITE PLAN

ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEMENTARY SCHOOL

HADDONFIELD BOARD OF EDUCATION

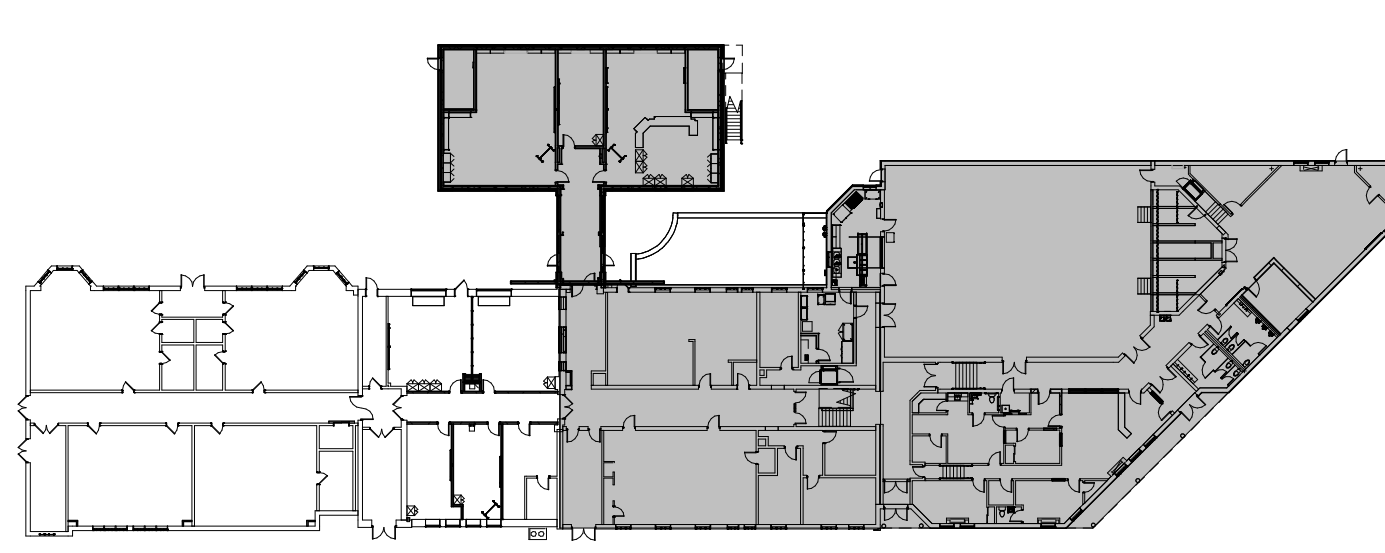
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No.

A2.00





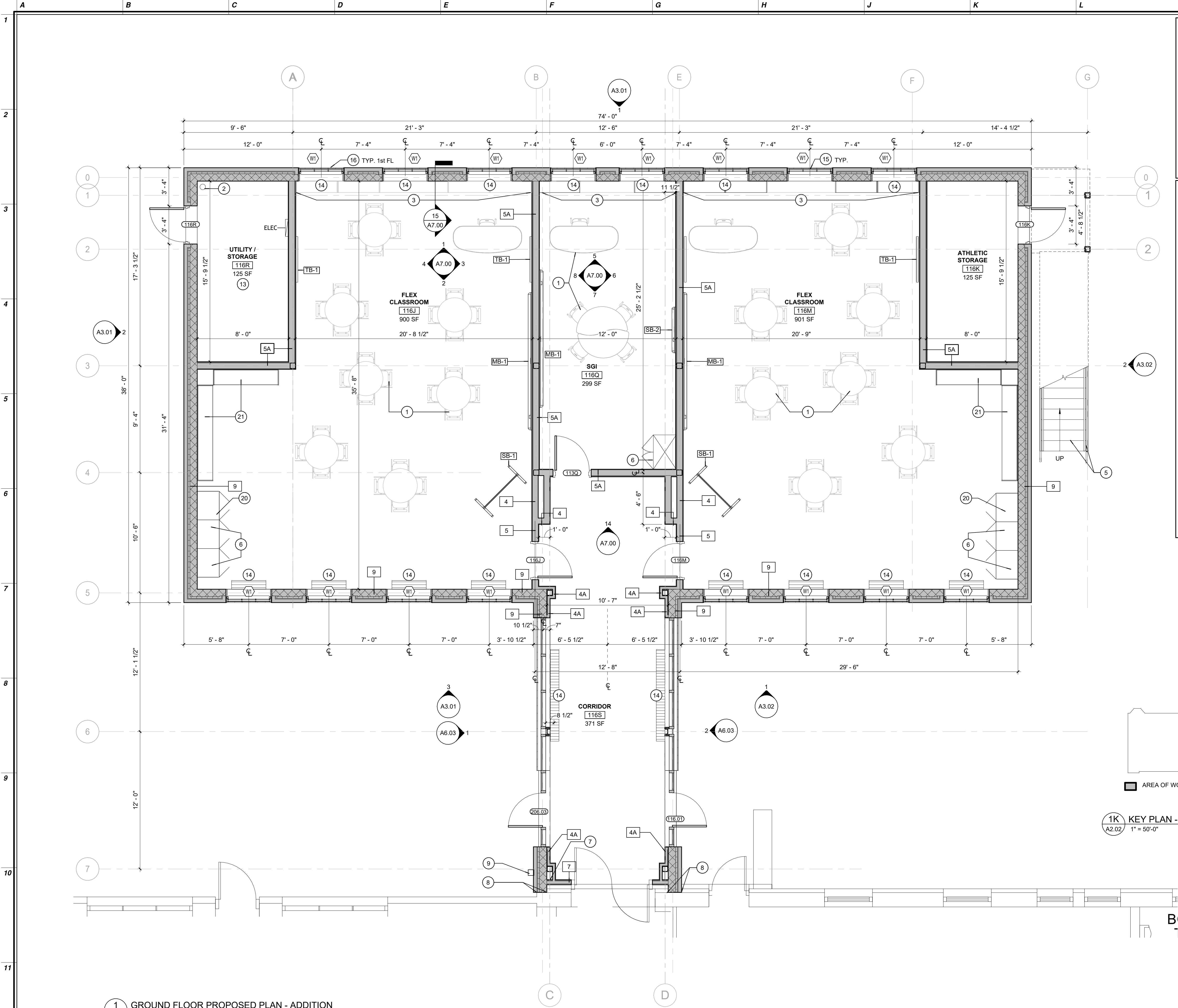
2 KEY PLAN  
A2.01 1" = 50'-0"

- PLAN KEY NOTES LEGEND

| KEY # | DESCRIPTION                                                                                                                                                           |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | LOOSE FURNITURE, TYP. (OFOI)                                                                                                                                          |
| 2     | FOLDING PARTITION ON TRACK SYSTEM. SEE RCP, ENLARGED DETAILS AND STRUCTURAL FOR SUPPORT DETAILS ON SHEET A4.04.                                                       |
| 3     | CASEWORK TEACHER'S WARDROBE (SEE CASEWORK DETAIL 8/AT.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                            |
| 4     | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/AT.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                                  |
| 5     | CONTRACTOR TO VERIFY IN FIELD LOCATION OF NEW WALL, TO INTERSECT A SOLID WALL AND AVOID A WINDOW.                                                                     |
| 6     | ALIGN SURFACE OF NEW WALL WITH EXISTING HALF WALL SURFACE.                                                                                                            |
| 7     | EXISTING INCOMING GAS SERVICE ENTRY POINT WITH FENCED-IN ENCLOSURE. SEE MEP AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.                                            |
| 8     | FOOD SERVICE EQUIPMENT - OFCI. SEE A7.03 AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.                                                                                 |
| 9     | NEW ROOF TOP MECHANICAL EQUIPMENT AND ALUMINUM GUARDRAIL AT EXISTING ROOF - PATCH ROOF AND PROVIDE ALL REQUIRED CURBS AND FLASHINGS. SEE MEP AND STRUCTURAL DRAWINGS. |
| 10    | NEW WALL MOUNTED GALV. STEEL LADDER FOR KITCHEN ROOF ACCESS                                                                                                           |
| 11    | PROVIDE WINDOW SHADES - TYPICAL AT ALL NEW WINDOWS U.O.N.                                                                                                             |
| 12    | ALUMINUM SAFETY GUARDRAIL, MIN 42" HT. BOD: KEE SAFETY KEE GUARD GUARDRAIL, NON ROOF FENCE PLATING                                                                    |
| 13    | PATCH AND REPAIR EXISTING ROOF SYSTEM AS REQUIRED FOLLOWING KITCHEN MECH. EQUIPMENT INSTALLATION                                                                      |
| 14    | PATCH AND REPAIR FLOOR AND WALL FINISHES TO MATCH EXISTING ADJACENT FLOORING AND PAINT FOLLOWING REMOVAL OF EXISTING UNIT VENTILATOR. SEE MECHANICAL DRAWINGS.        |

 AREA NOT IN SCOPE





- FLOOR PLAN GENERAL NOTES
- REFER TO ENLARGED FLOOR PLANS FOR MORE INTERIOR PARTITION TYPE TAGS. ALL INTERIOR PARTITIONS
  - UNLESS OTHERWISE NOTED, ALL INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISH FACE OF WALL.
  - GC TO PROVIDE ALL BUILT-IN CASEWORK, AND MILLWORK (U.O.N.). ALL LOOSE FURNITURE TO BE FURNISHED BY OWNER (N.I.C.), UNLESS OTHERWISE NOTED. REFER TO DRAWING A9.01 (PROPOSED FURNITURE PLAN) FOR MORE INFORMATION.
  - SEE DRAWING (T0.03) LIFE SAFETY & EGRESS PLANS FOR LOCATIONS AND TYPES OF FIRE EXTINGUISHER & FE CABINETS.
  - ALL INTERIOR SIGNAGE (INCLUDING BUT NOT LIMITED TO ROOM NAME, MAXIMUM OCCUPANCY, WAYFINDING, ETC.) TO BE FURNISHED BY OWNER (N.I.C.). SEE DRAWING T0.02 FOR CODE REQUIRED ADA COMPLIANT SIGNAGES, AND PLACARD LOCATIONS.

| ADDITION PLAN KEYNOTES |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| KEY #                  | DESCRIPTION                                                                                                                |
| 1                      | FURNITURE - OFOI UNLESS NOTED OTHERWISE (TYP)                                                                              |
| 2                      | VERTICAL FIRE PROTECTION RISER - SEE FP DRAWINGS.                                                                          |
| 3                      | UNIT VENTILATORS WITH INTEGRAL METAL CASEWORK - SEE MECH. DWGS, ARCH. ELEVATIONS & 15/A7.00.                               |
| 4                      | TIERED SEATING AND DECORATIVE TREE ELEMENT - SEE ELEVATIONS AND DETAILS ON A7.02.                                          |
| 5                      | EXTERIOR METAL STAIRS, LANDINGS AND RAILINGS - SEE A4.04 AND STRUCTURAL DRAWINGS FOR DETAIL.                               |
| 6                      | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.       |
| 7                      | FLOOR TO FLOOR EXPANSION JOINT. SEE 5/A4.03 AND 6/T0.04.                                                                   |
| 8                      | WALL TO WALL EXPANSION JOINT, 2". SEE 3/T0.04.                                                                             |
| 9                      | EXIST. RAIN WATER LEADER (RE-USE FOR NEW ROOF DRAINAGE SYSTEM). SEE PLUMBING DWGS.                                         |
| 10                     | 3'-0" W. X 4'-0" H BORROWED LITE - SILL AT 36" AFF. GLAZING TYPE GL-1 PER 088000.                                          |
| 11                     | COUNTERTOP - SEE INTERIOR ELEVATIONS AND CASEWORK DETAILS.                                                                 |
| 12                     | BUILT-IN SHELF - SEE INTERIOR ELEVATIONS AND DETAIL 4/A7.02                                                                |
| 13                     | SEE MEFP DRAWINGS FOR EQUIPMENT LAYOUT AND DETAILS.                                                                        |
| 14                     | FIN TUBE RADIATORS - SEE MECHANICAL DRAWINGS                                                                               |
| 15                     | WINDOW ROLLER SHADES - MANUAL                                                                                              |
| 16                     | WINDOW SECURITY GUARDS - SEE 085113 (TES)                                                                                  |
| 17                     | SEE T0.02 AND INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND BLOCKING REQUIREMENTS FOR FIXTURES AND ACCESSORIES.             |
| 18                     | BOOK DROP CART (FOFI)                                                                                                      |
| 19                     | DEDICATION PLAQUE, CONFRIM LOCATION WITH OWNER. SEE SPEC.                                                                  |
| 20                     | CASEWORK TEACHER'S WARDROBE (SEE CASEWORK DETAIL 8/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL. |
| 21                     | CASEWORK WALL HUNG CUBBIES (SEE CASEWORK DETAIL 16/A7.00) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL. |

|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
| Eng'y. Nos.                     | 24GA27937600 |
| Arch. Nos.                      | 21AC00012400 |
| Date                            | 8/13/2026    |
| Checked                         | TC           |
| Drawn                           | TB, KK       |

**JEFFREY POTTER, R.A.**  
Title: REGISTERED ARCHITECT License No. NJ21A02015400

|          |             |
|----------|-------------|
| Date     | Description |
| 08/13/26 | BID ISSUE   |

**PRELIMINARY**  
**NOT FOR CONSTRUCTION**

Engineering,  
Planning,  
Architecture,  
Surveying Inc.  
**LAN ASSOCIATES**  
1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

**PROPOSED GROUND FLOOR PLAN - ADDITION**  
**ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEM. SCHOOL**  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

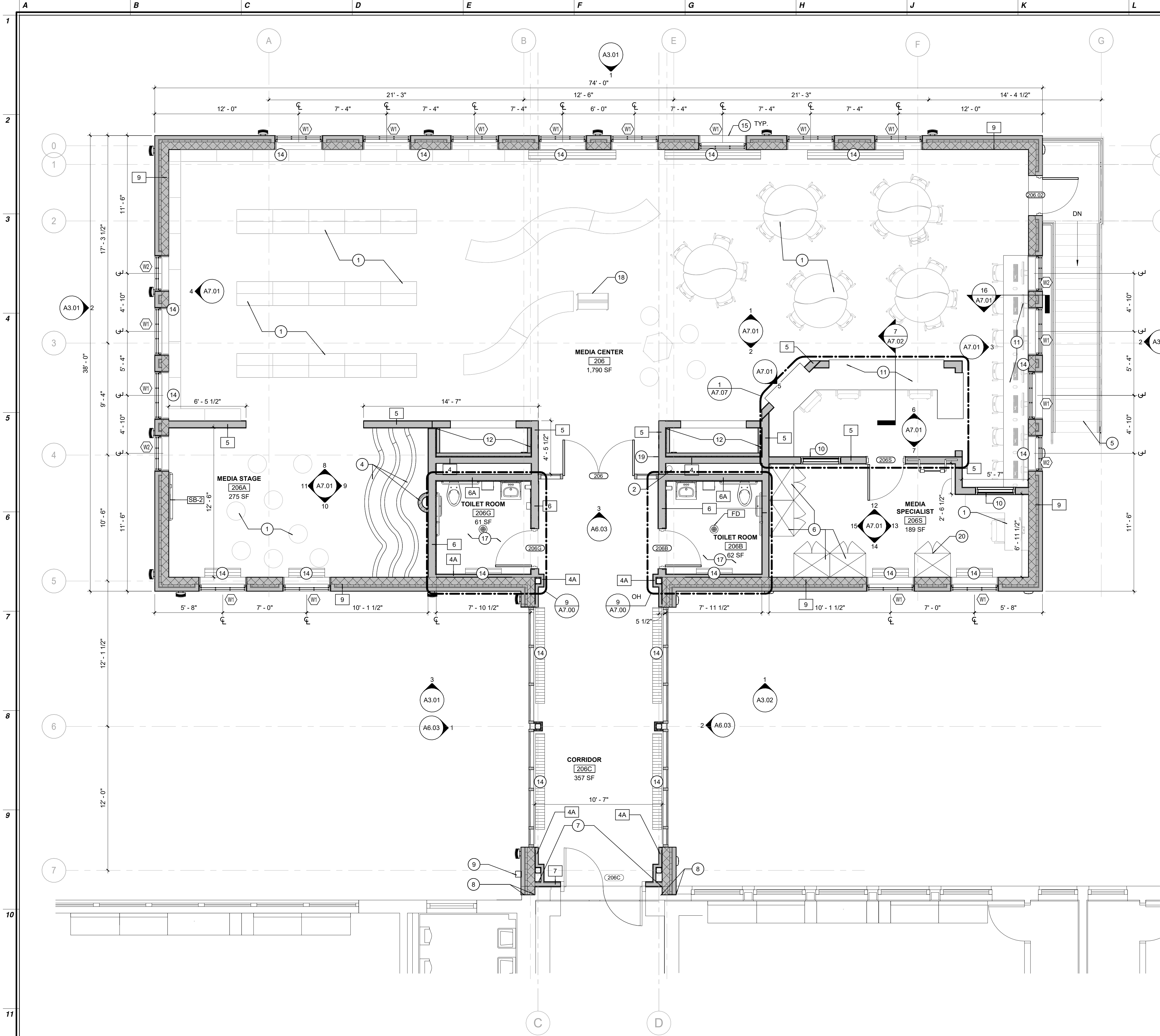
|          |               |
|----------|---------------|
| Job No.  | 2.20277.25.10 |
| File No. |               |

**A2.02**



8/12/2026 5:16:22 PM





- ### FLOOR PLAN GENERAL NOTES
- REFER TO ENLARGED FLOOR PLANS FOR MORE INTERIOR PARTITION TYPE TAGS. ALL INTERIOR PARTITIONS
  - UNLESS OTHERWISE NOTED, ALL INTERIOR DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISH FACE OF WALL.
  - GC TO PROVIDE ALL BUILT-IN CASEWORK, AND MILLWORK (U.O.N.). ALL LOOSE FURNITURE TO BE FURNISHED BY OWNER (N.I.C.), UNLESS OTHERWISE NOTED. REFER TO DRAWING A9.01 (PROPOSED FURNITURE PLAN) FOR MORE INFORMATION.
  - SEE DRAWING (T0.03) LIFE SAFETY & EGRESS PLANS FOR LOCATIONS AND TYPES OF FIRE EXTINGUISHER & FE CABINETS.
  - ALL INTERIOR SIGNAGE (INCLUDING BUT NOT LIMITED TO ROOM NAME, MAXIMUM OCCUPANCY, WAYFINDING, ETC.) TO BE FURNISHED BY OWNER (N.I.C.). SEE DRAWING T0.02 FOR CODE REQUIRED ADA COMPLIANT SIGNAGES, AND PLACARD LOCATIONS.

| ENLARGED ADDITION PLAN KEYNOTES |                                                                                                                            |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| KEY #                           | DESCRIPTION                                                                                                                |
| 1                               | FURNITURE - OFOI UNLESS NOTED OTHERWISE (TYP)                                                                              |
| 2                               | VERTICAL FIRE PROTECTION RISER - SEE FP DRAWINGS.                                                                          |
| 3                               | UNIT VENTILATORS WITH INTEGRAL METAL CASEWORK - SEE MECH. DWGS. ARCH. ELEVATIONS & 15/A7.00.                               |
| 4                               | TIERED SEATING AND DECORATIVE TREE ELEMENT - SEE ELEVATIONS AND DETAILS ON A7.02.                                          |
| 5                               | EXTERIOR METAL STAIRS, LANDINGS AND RAILINGS - SEE A4.04 AND STRUCTURAL DRAWINGS FOR DETAIL.                               |
| 6                               | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.       |
| 7                               | FLOOR TO FLOOR EXPANSION JOINT. SEE 5/A4.03 AND 6/T0.04.                                                                   |
| 8                               | WALL TO WALL EXPANSION JOINT, 2". SEE 3/T0.04.                                                                             |
| 9                               | EXIST. RAIN WATER LEADER (RE-USE FOR NEW ROOF DRAINAGE SYSTEM). SEE PLUMBING DWGS.                                         |
| 10                              | 3'-0" W. X 4'-0" H BORROWED LITE - SILL AT 36" AFF. GLAZING TYPE GL-1 PER 088000.                                          |
| 11                              | COUNTERTOP - SEE INTERIOR ELEVATIONS AND CASEWORK DETAILS.                                                                 |
| 12                              | BUILT-IN SHELF - SEE INTERIOR ELEVATIONS AND DETAIL 4/A7.02                                                                |
| 13                              | SEE MEFP DRAWINGS FOR EQUIPMENT LAYOUT AND DETAILS.                                                                        |
| 14                              | FIN TUBE RADIATORS - SEE MECHANICAL DRAWINGS                                                                               |
| 15                              | WINDOW ROLLER SHADES - MANUAL                                                                                              |
| 16                              | WINDOW SECURITY GUARDS - SEE 085113 (TES)                                                                                  |
| 17                              | SEE T0.02 AND INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND BLOCKING REQUIREMENTS FOR FIXTURES AND ACCESSORIES.             |
| 18                              | BOOK DROP CART (OFOI)                                                                                                      |
| 19                              | DEDICATION PLAQUE, CONFRIM LOCATION WITH OWNER. SEE SPEC.                                                                  |
| 20                              | CASEWORK TEACHER'S WARDROBE (SEE CASEWORK DETAIL 8/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL. |
| 21                              | CASEWORK WALL HUNG CUBBIES (SEE CASEWORK DETAIL 16/A7.00) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL. |

NJ Certificate of Authorization

Eng'y. Nos. 24GA27937680

Arch. Nos. 21AC00012400

Date 8/13/2026

Checked TC

Drawn TB, KK

JEFFREY POTTER, R.A.

Title REGISTERED ARCHITECT License No. NJ21402015400

Date 08/13/26

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

**LAN ASSOCIATES**

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

PROPOSED FIRST FLOOR PLAN - ADDITION  
ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEM.  
SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

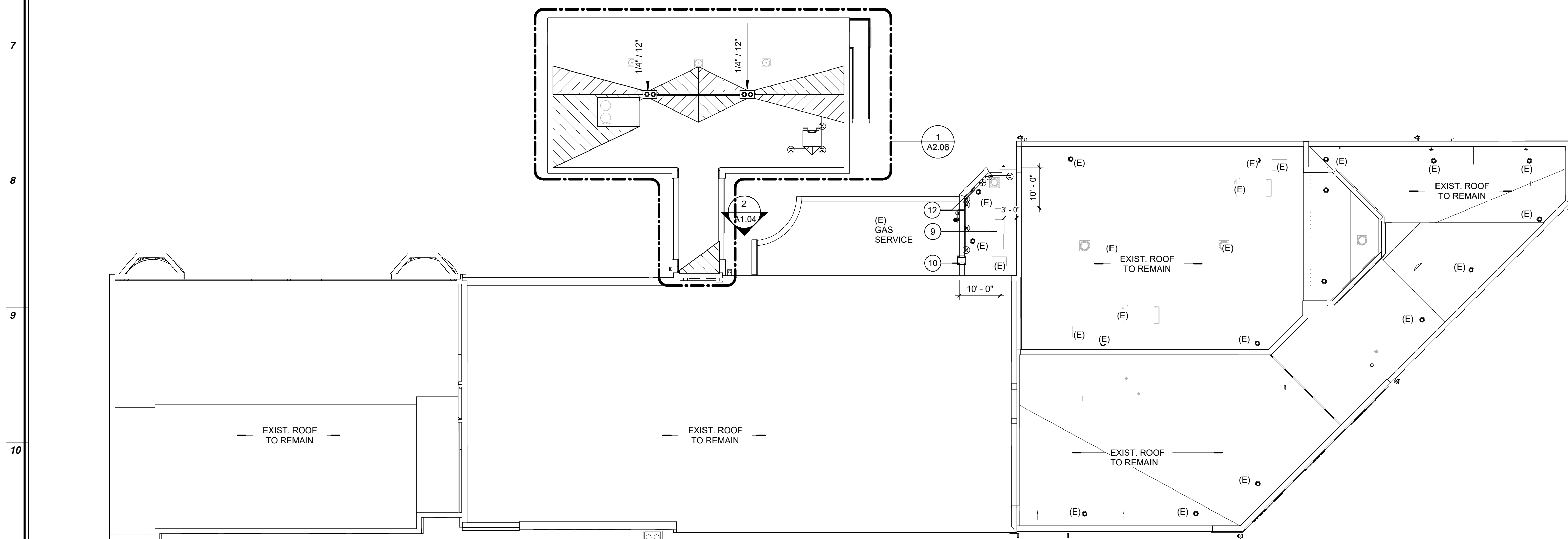
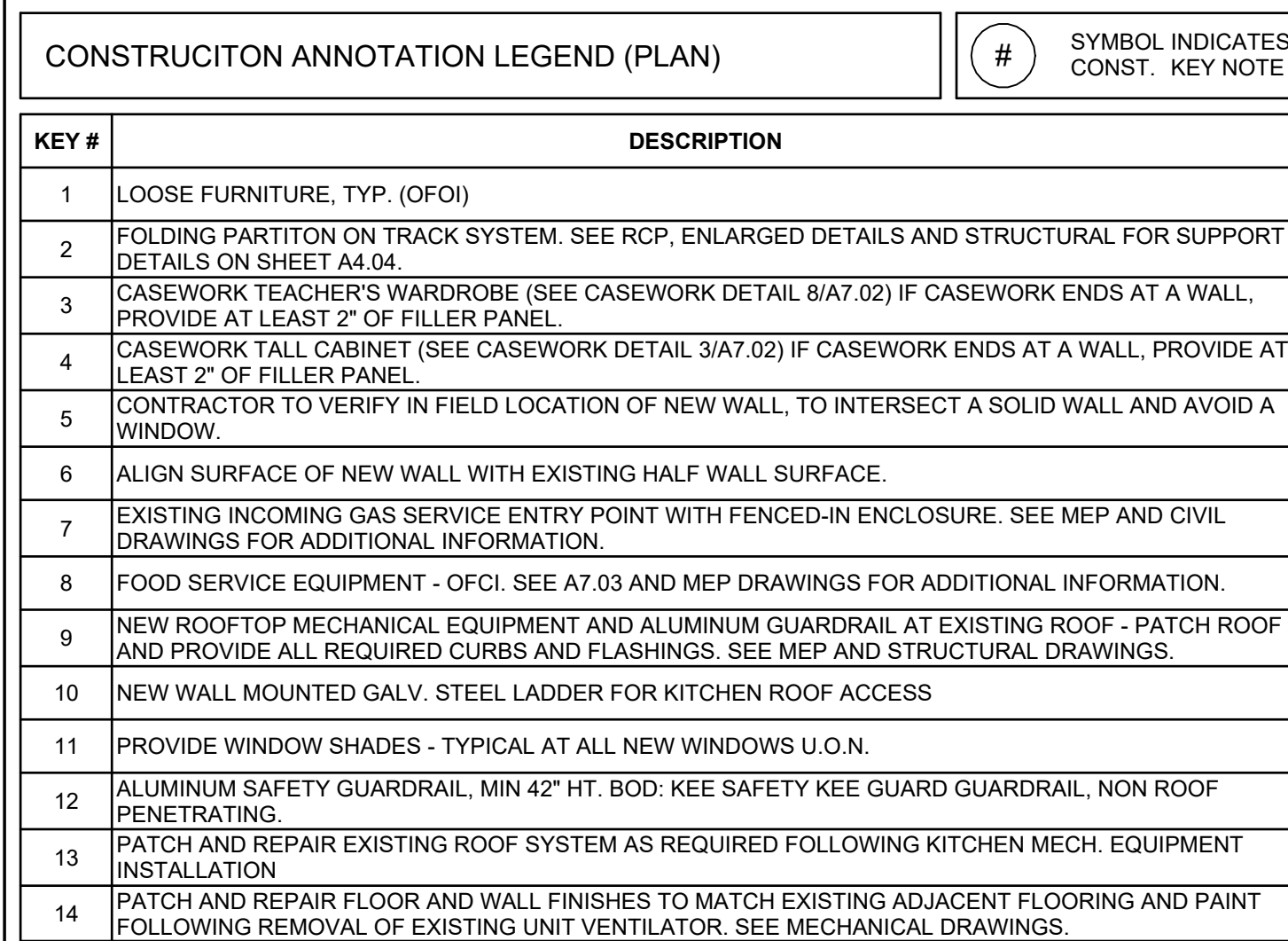
File No.

**A2.04**

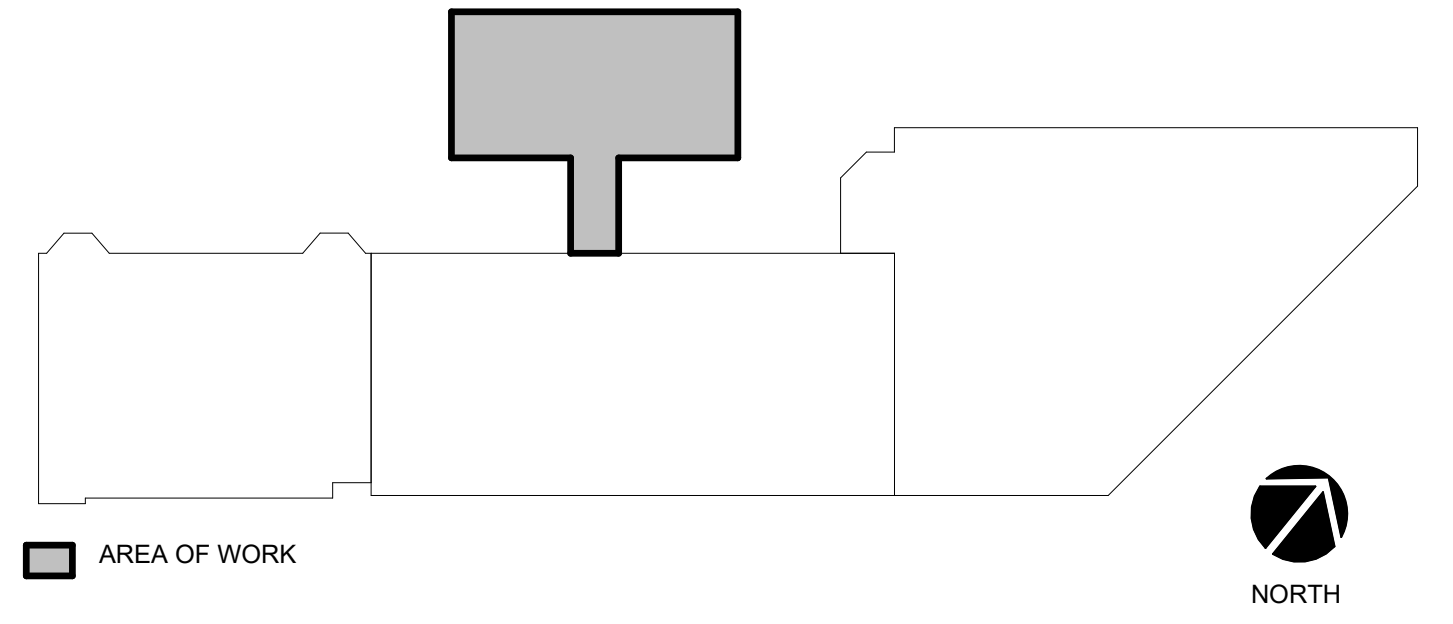
1 2ND FLOOR PROPOSED PLAN - ADDITION  
A2.04 1/4" = 1'-0"

1K KEY PLAN - 2ND FLOOR PROPOSED PLAN - ADDITION  
A2.04 1" = 50'-0"



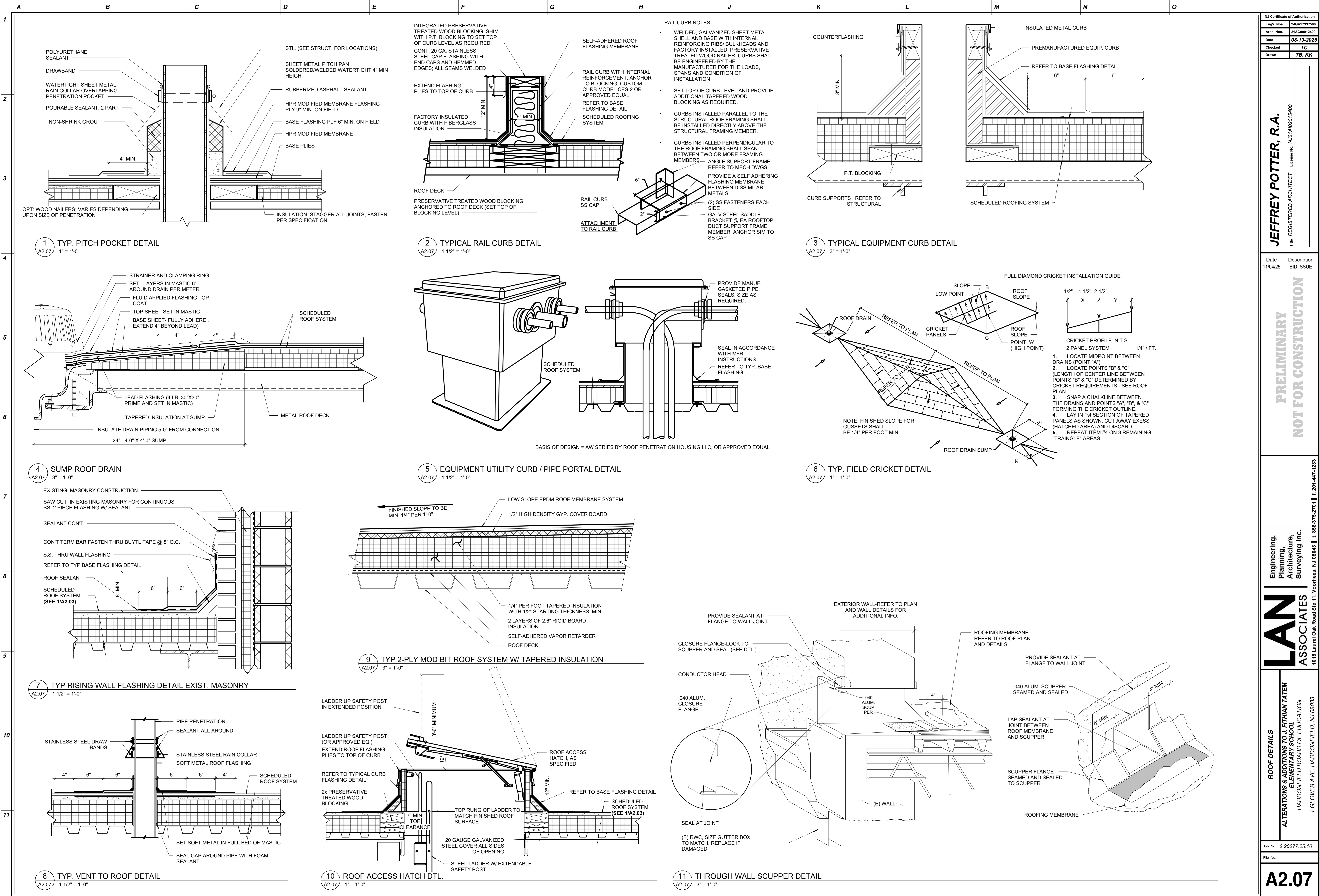






**A2.06**

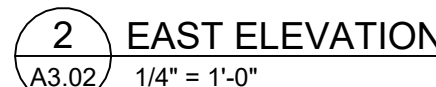












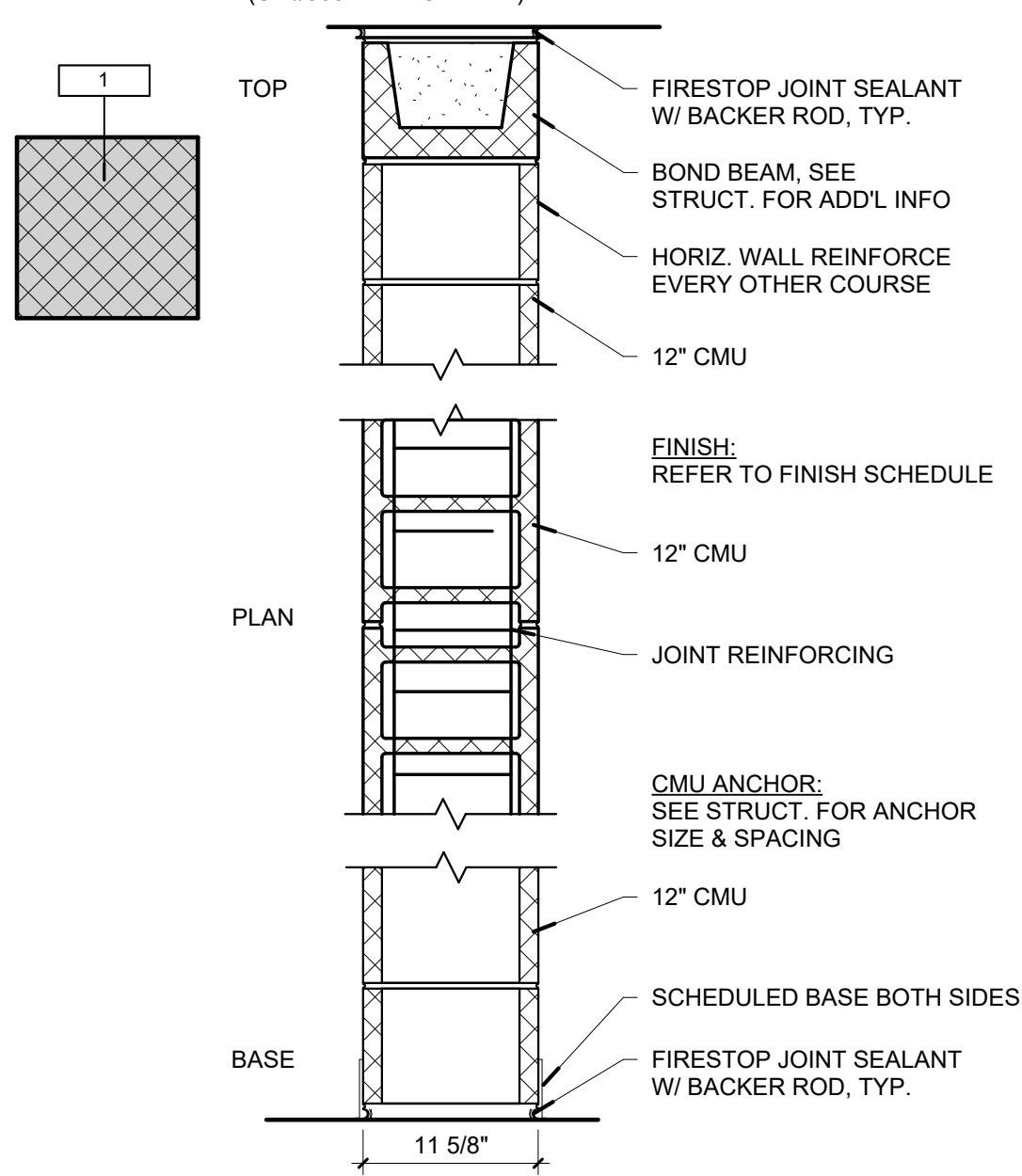
| ELEVATION ANOTATIONS |                                                                                                                             |  SYMBOL INDICATES<br>CONST. KEY NOTE |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| KEY #                | DESCRIPTION                                                                                                                 |                                                                                                                        |
| 1                    | BRICK MASONRY VENEER, RUNNING BOND TO MATCH PORTION OF EXISTING BUILDING. SEE ELEVATION NOTE (J).                           |                                                                                                                        |
| 2                    | BRICK SOLDIER COURSE HEADER, TYP.                                                                                           |                                                                                                                        |
| 3                    | 8" CAST STONE BANDING. SEE ELEVATION NOTE: (C).                                                                             |                                                                                                                        |
| 4                    | 16" CAST STONE BAND                                                                                                         |                                                                                                                        |
| 5                    | CAST STONE BOTTOM SILL. SEE ELEVATION NOTE (B).                                                                             |                                                                                                                        |
| 6                    | BRICK STACK BOND COURSE TYP.                                                                                                |                                                                                                                        |
| 7                    | PRECAST MEDALLION. SEE ELEVATION NOTE: (E).                                                                                 |                                                                                                                        |
| 8                    | SOLDIER COURSE BRICK INSET TYP.                                                                                             |                                                                                                                        |
| 9                    | ALUMINUM FRAMED CURTAIN WALL SYSTEM (SEE WINDOW TYPES). COLOR: PREFINISHED, WHITE.                                          |                                                                                                                        |
| 10                   | MATERIAL COMPOSITE METAL PANEL. COLOR: WHITE. SEE ELEVATION NOTE (I).                                                       |                                                                                                                        |
| 11                   | EXTERIOR FIRE ESCAPE STAIRS.                                                                                                |                                                                                                                        |
| 12                   | NOT USED.                                                                                                                   |                                                                                                                        |
| 13                   | MTL. COLUMN.                                                                                                                |                                                                                                                        |
| 14                   | CUSTOM CAST STONE BAND MEDALLION. SEE ELEVATION NOTE: (F)                                                                   |                                                                                                                        |
| 15                   | CUSTOM CAST STONE MEDALLION. SEE ELEVATION NOTE: (G)                                                                        |                                                                                                                        |
| 16                   | ALUM. COPING (.050 ALUM. W/ CLEATS) AT BRICK CLADDING. COLOR: WHITE.                                                        |                                                                                                                        |
| 17                   | ALUM. COPING (.050 ALUM. W/ CLEATS) AT MTL PANEL CLADDING. COLOR: WHITE.                                                    |                                                                                                                        |
| 18                   | ALUMINUM. DOWNSPOUT.                                                                                                        |                                                                                                                        |
| 19                   | WALL MOUNTED EXTERIOR LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.                                                               |                                                                                                                        |
| 20                   | STRUCTURAL STEEL COLUMN WITH MATERIAL COMPOSITE METAL PANEL CLADDING AT EXTERIOR AND GWB OVER 5/8" HAT CHANNEL AT INTERIOR. |                                                                                                                        |
| 21                   | WINDOW SECURITY SCREENS, FIRST FL WINDOWS (TYP.) + SECURITY FILM AT INTERIOR                                                |                                                                                                                        |
| 22                   | BUILDING TO BUILDING EXPANSION JOINT.                                                                                       |                                                                                                                        |
| 23                   | CUSTOM CAST STONE, DATE STONE, (4) BRICK COURSES HIGH. SEE ELEVATION NOTE (A).                                              |                                                                                                                        |



WALL TYPES INTERIOR

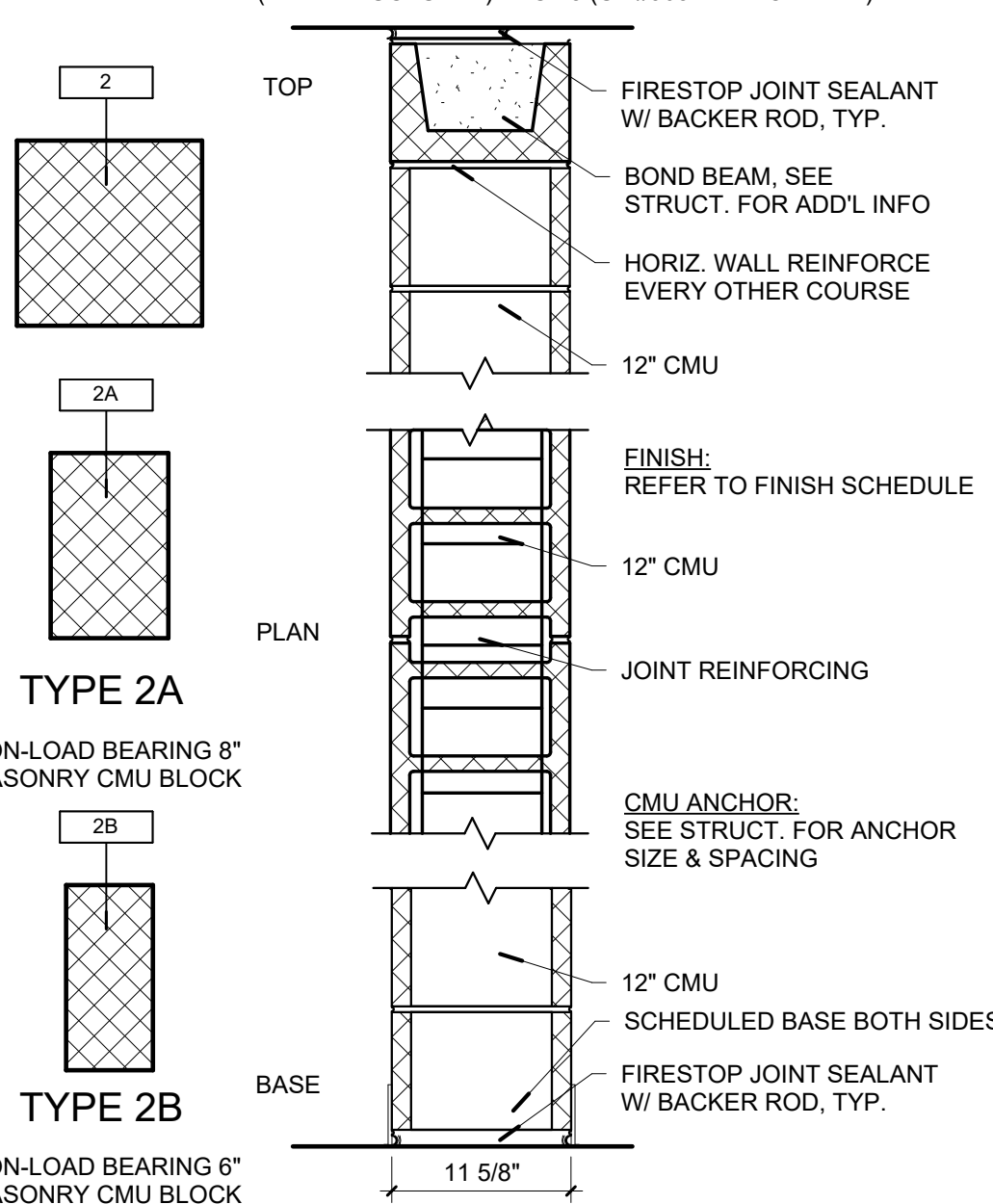
TYPE 1

LOAD BEARING 8" MASONRY CMU BLOCK WALL (SEE STRUCTURAL) (UL #905 1HR. OR 2HR.)



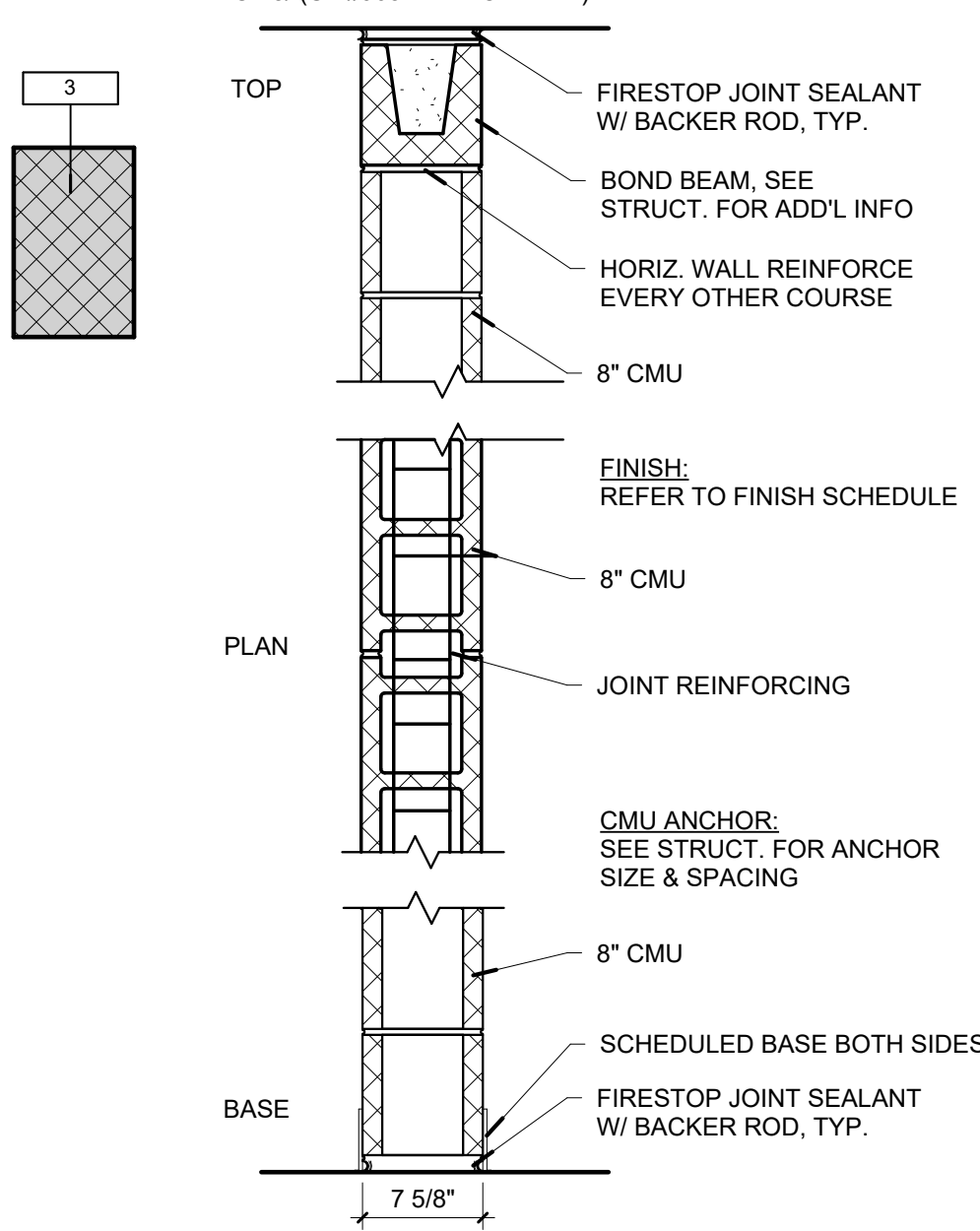
TYPE 2

NON-LOAD BEARING 12" MASONRY CMU BLOCK WALL (SEE STRUCTURAL) STC 48 (UL #905 1HR. OR 2HR.)



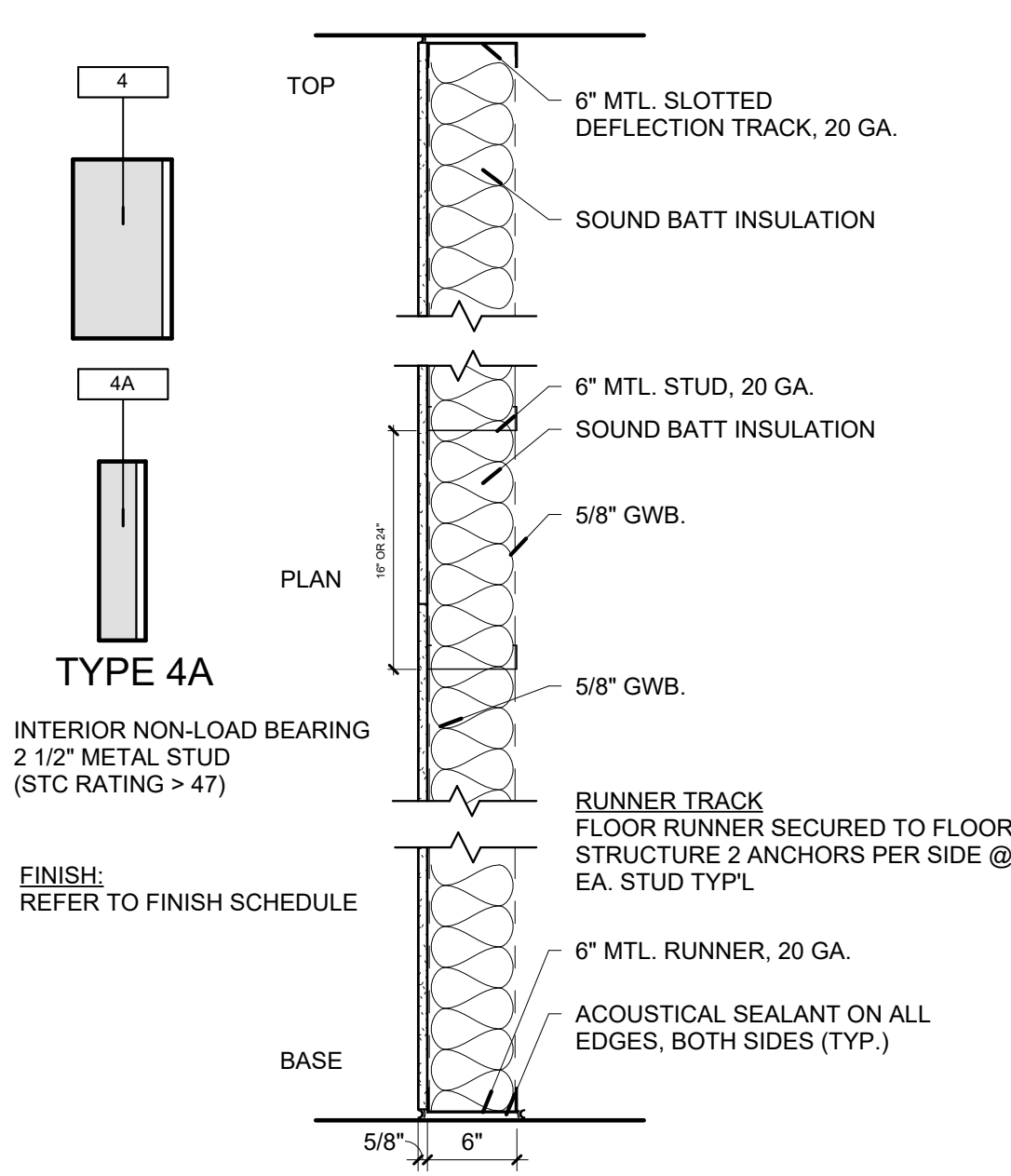
TYPE 3

LOAD BEARING 8" MASONRY CMU BLOCK WALL (SEE STRUCTURAL) STC 48/ (UL #905 1HR. OR 2HR.)



TYPE 4

INTERIOR NON-LOAD BEARING 6" METAL STUD (STC RATING > 47)



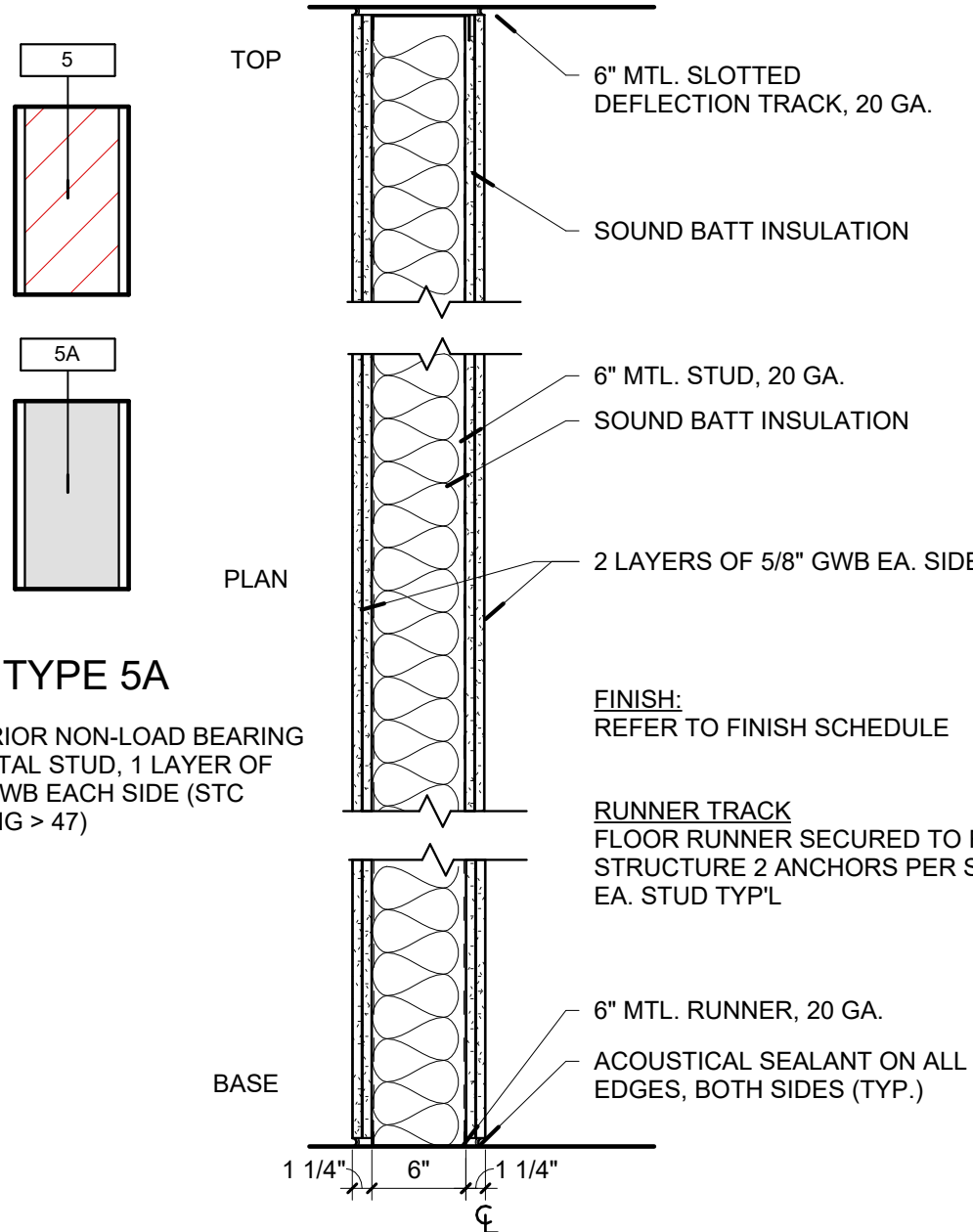
TYPE 4A

INTERIOR NON-LOAD BEARING 2 1/2" METAL STUD (STC RATING > 47)

FINISH: REFER TO FINISH SCHEDULE

TYPE 5

INTERIOR 1 HR. RATED (UL#419) NON-LOAD BEARING 6" METAL STUD (STC RATING > 48)



TYPE 5A

INTERIOR NON-LOAD BEARING 6" METAL STUD, 1 LAYER OF 5/8" GWB EACH SIDE (STC RATING > 47)

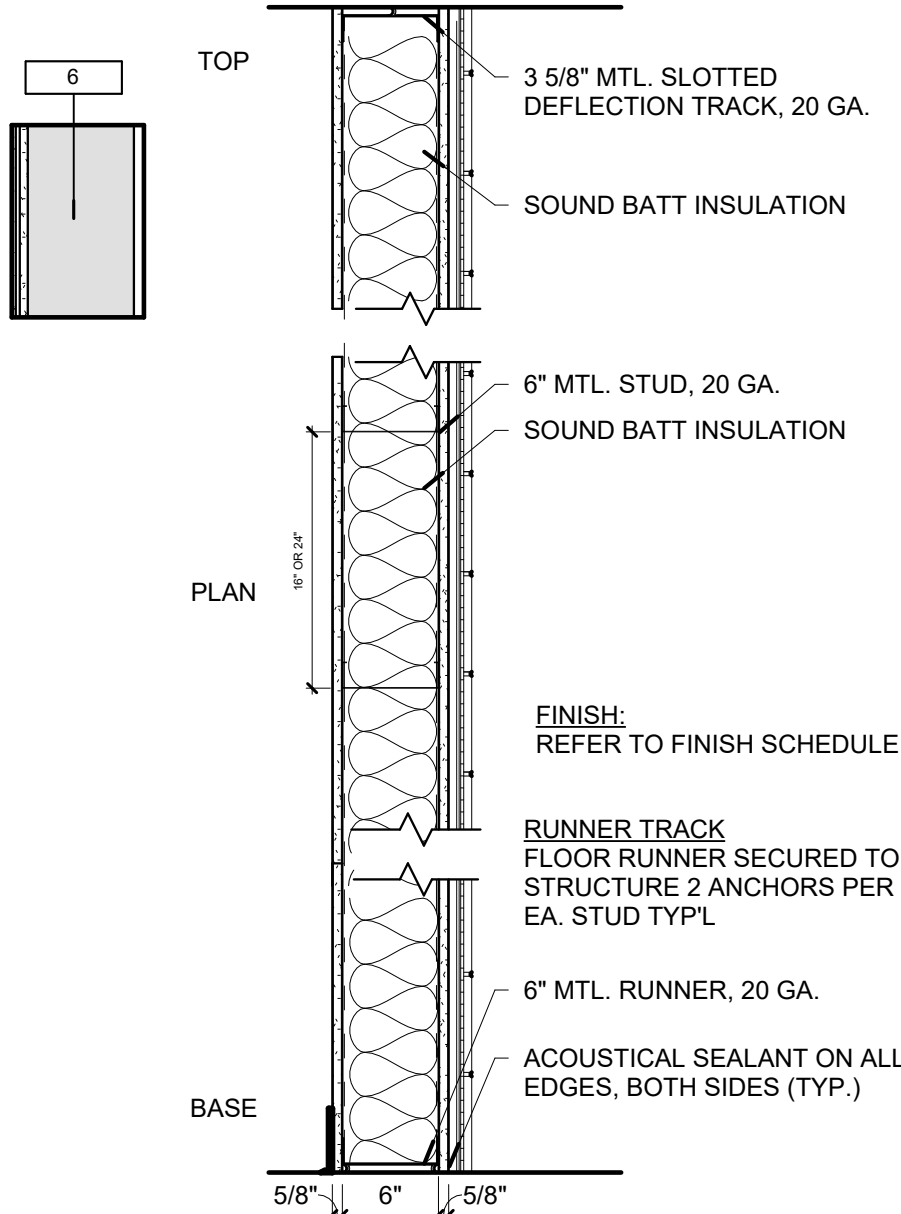
FINISH: REFER TO FINISH SCHEDULE

RUNNER TRACK FLOOR RUNNER SECURED TO FLOOR STRUCTURE 2 ANCHORS PER SIDE @ EA. STUD TYPE

6" MTL. RUNNER, 20 GA. ACOUSTICAL SEALANT ON ALL EDGES, BOTH SIDES (TYP.)

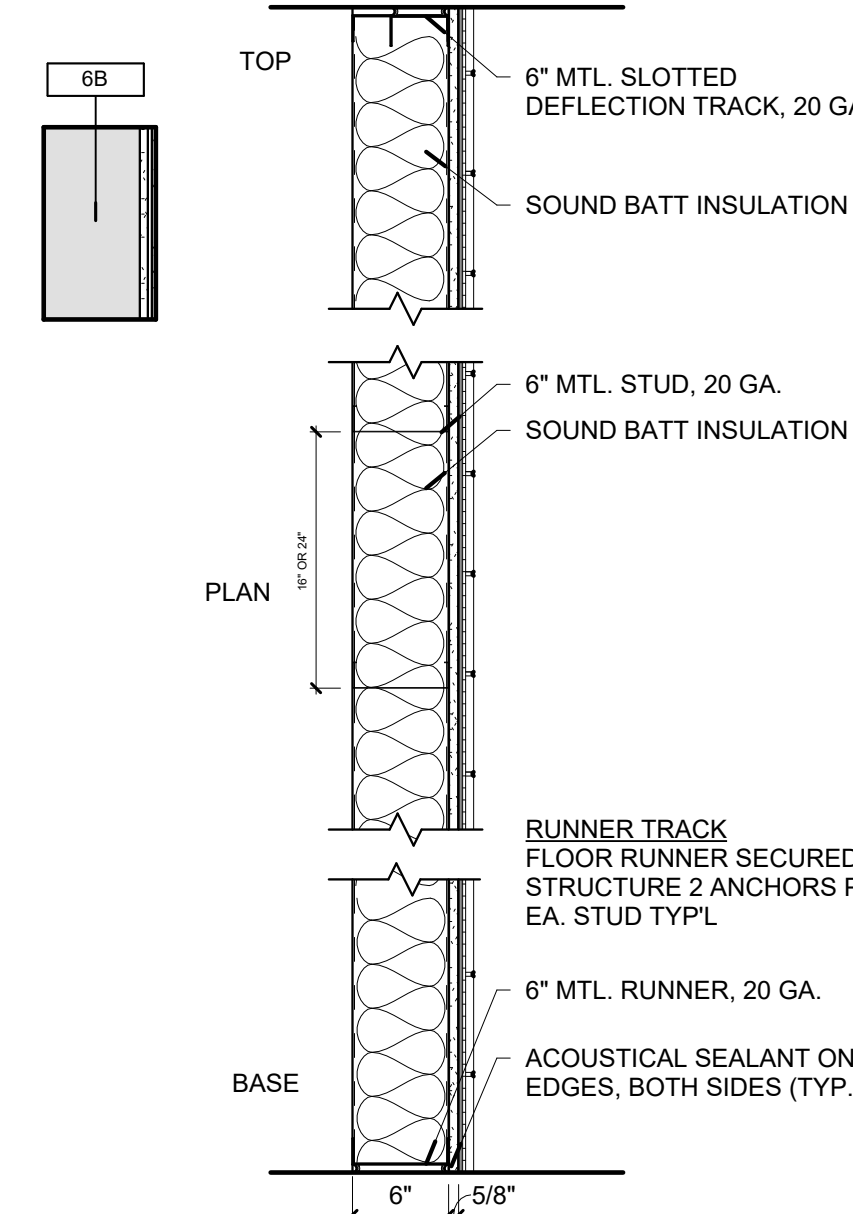
TYPE 6

INTERIOR NON-LOAD BEARING 6" METAL STUD WITH CERAMIC TILE ONE SIDE TO 6" ABOVE CEILING (STC RATING > 47)



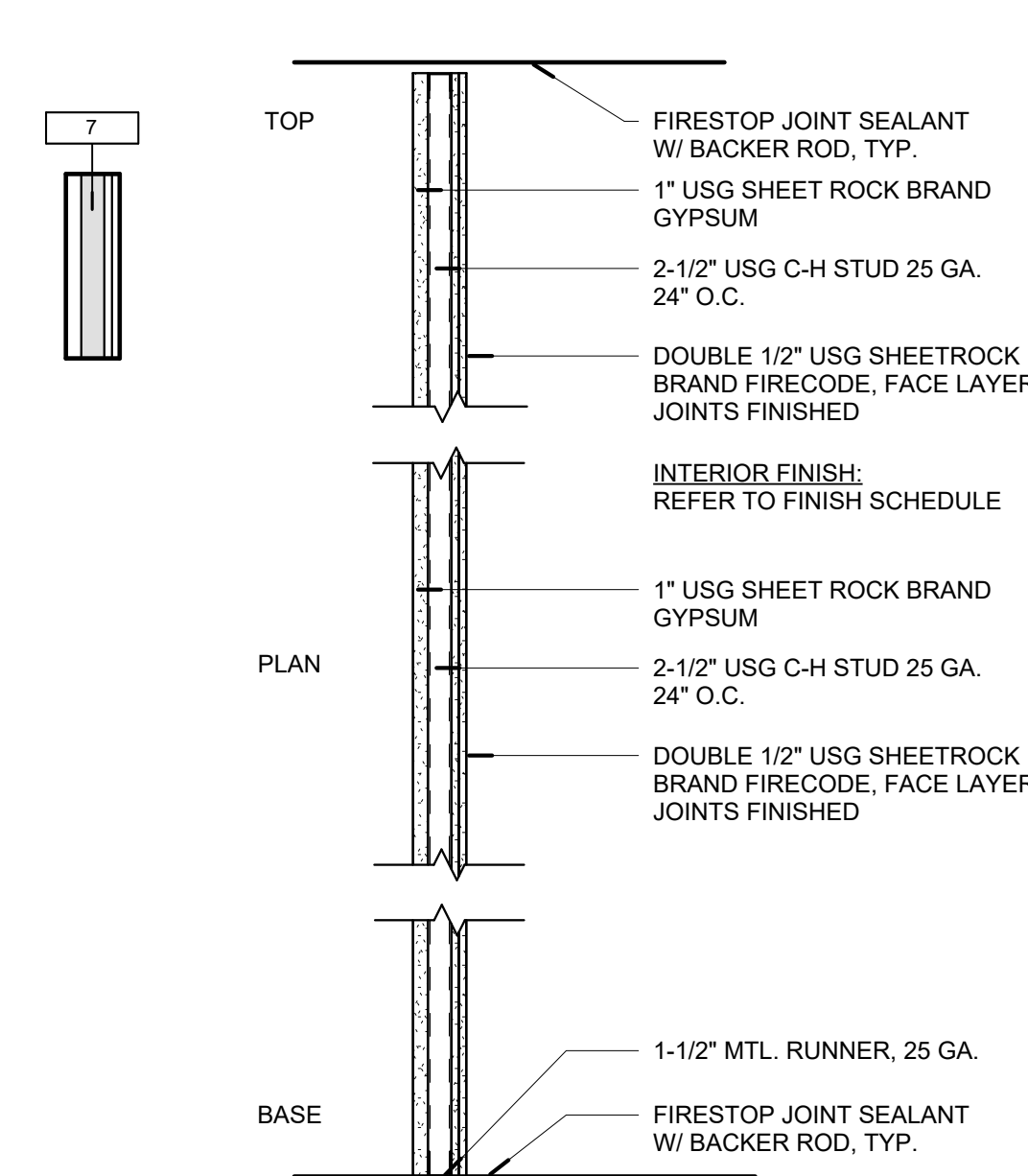
TYPE 6A

INTERIOR NON-LOAD BEARING METAL STUD WITH CERAMIC TILE ONE SIDE TO 6" ABOVE CEILING (STC RATING > 47)



TYPE 7

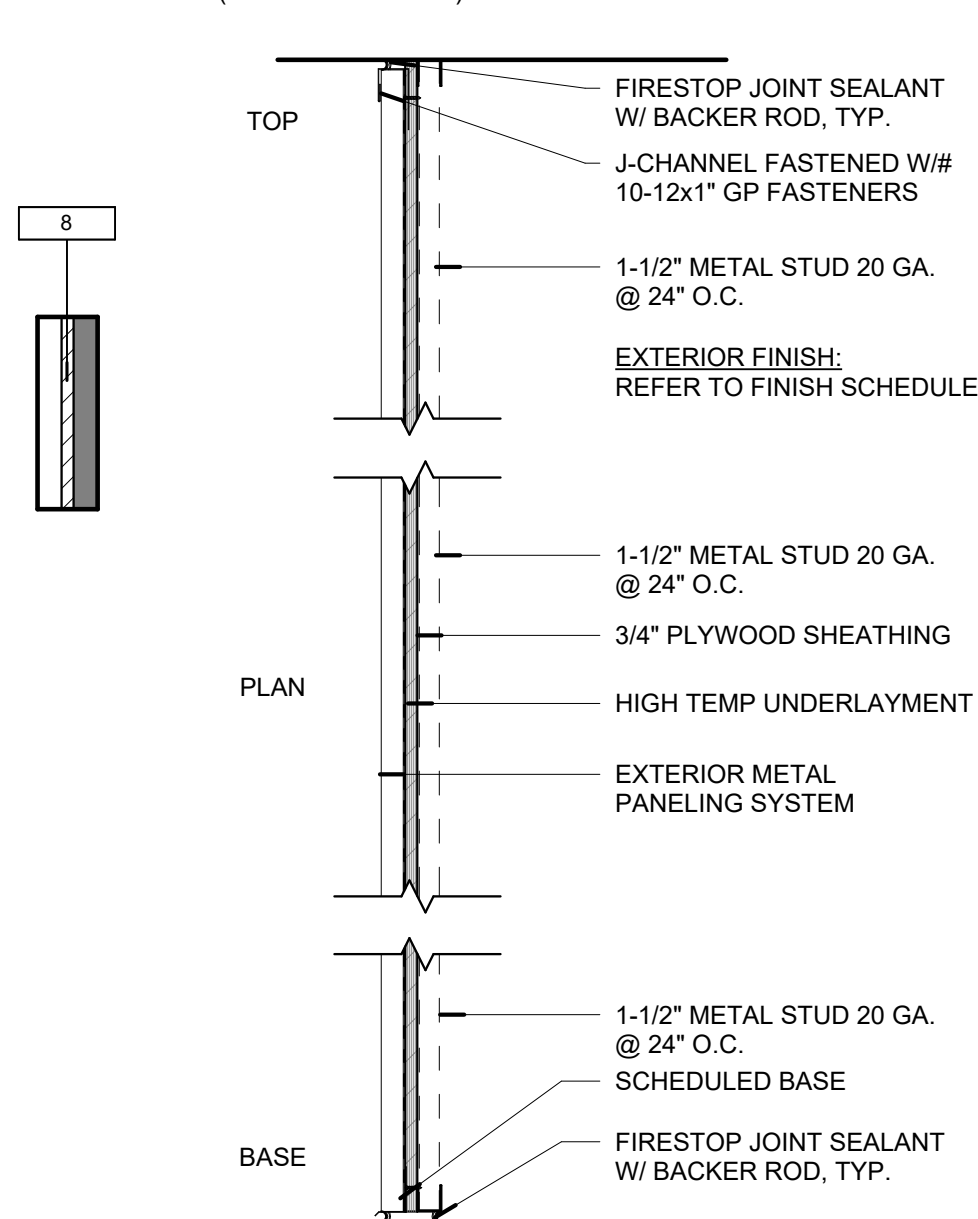
TWO-HOUR FIRE RATED SHAFT WALL (UL #415A 1HR. OR #415B 2HR.)



WALL TYPES EXTERIOR

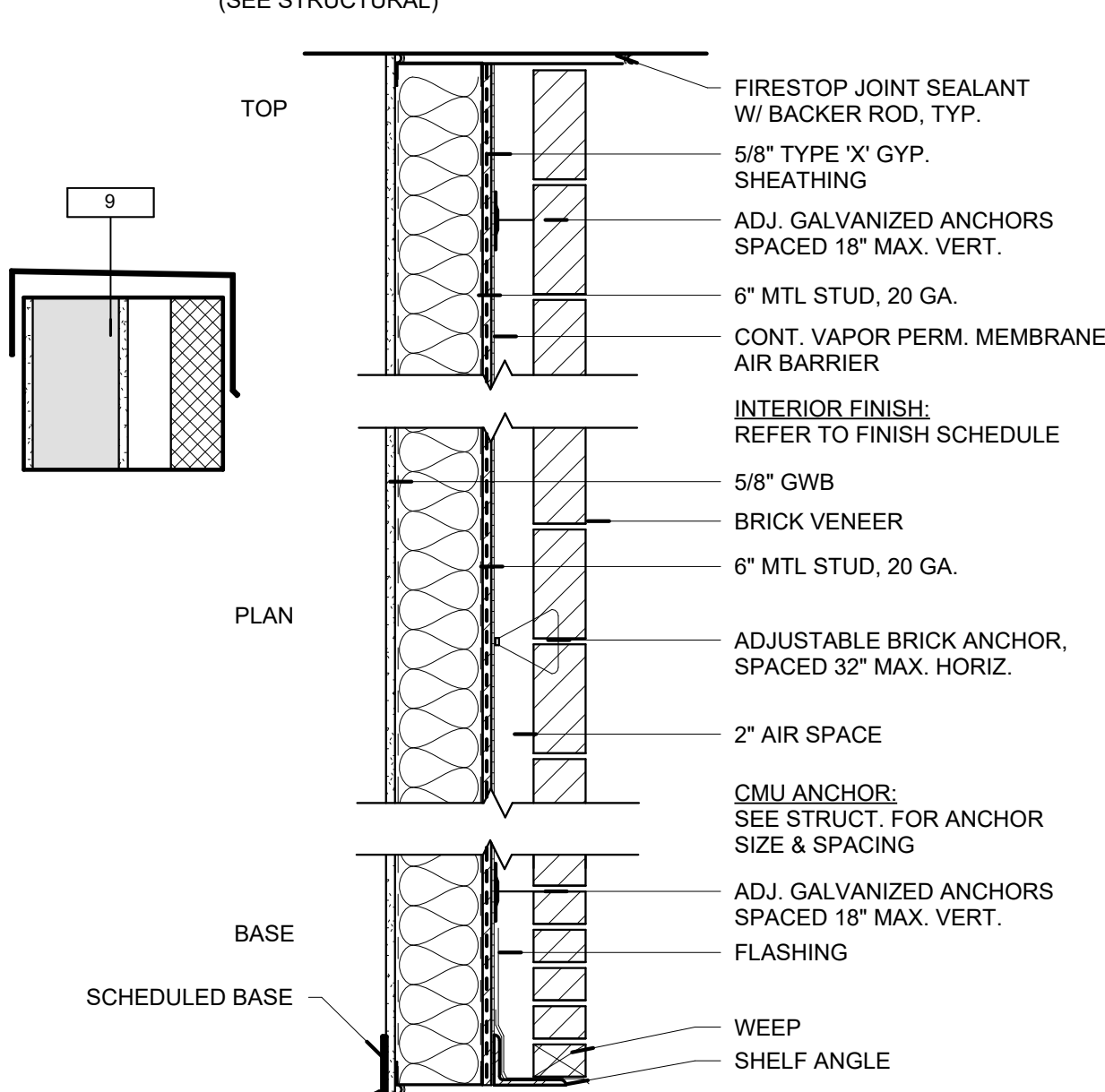
TYPE 8

LOAD BEARING 8" MASONRY CMU BLOCK WALL W/ BRICK (SEE STRUCTURAL)



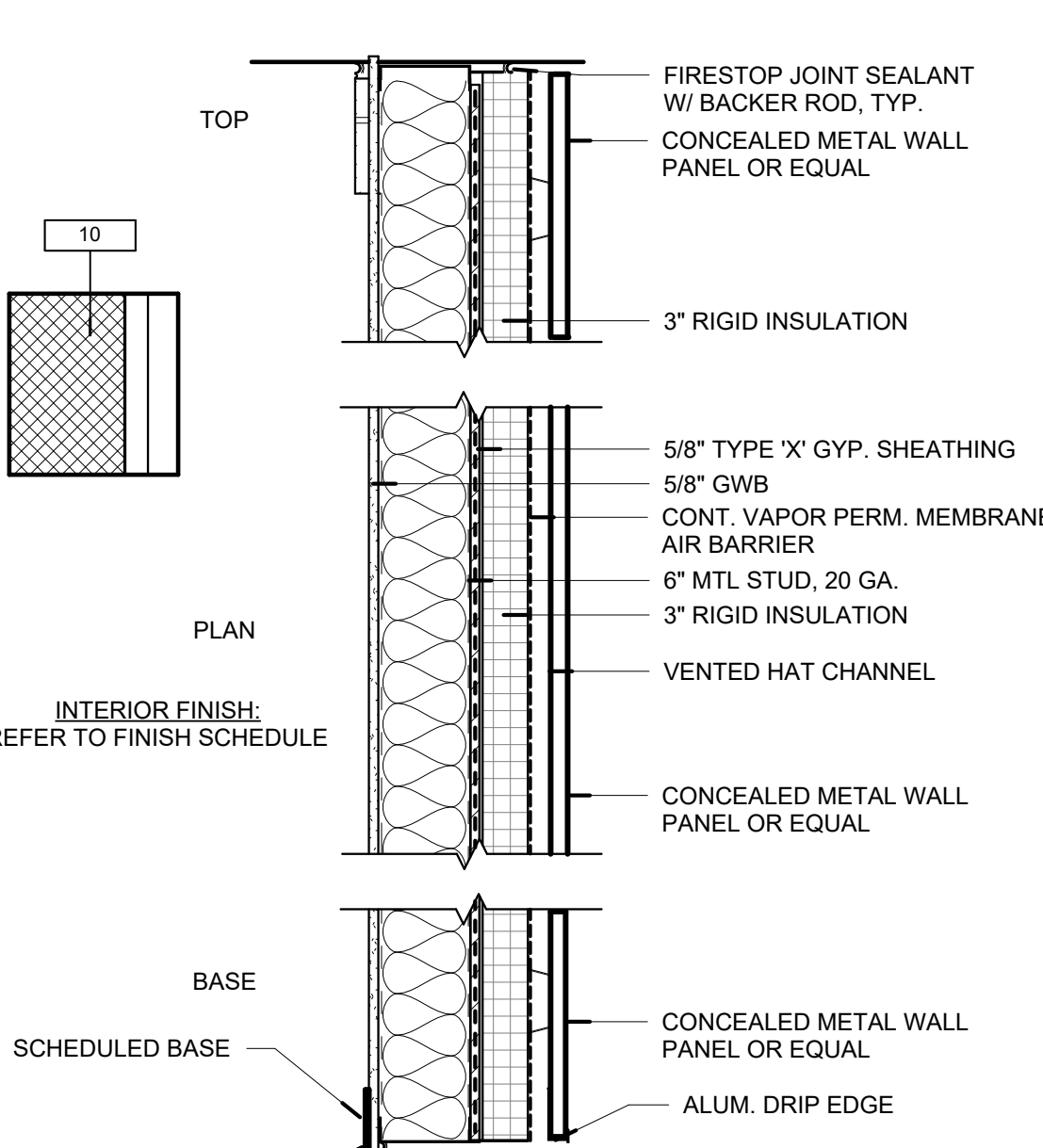
TYPE 9

LOAD BEARING 6" METAL STUD WALL W/ BRICK & GWB (SEE STRUCTURAL)



TYPE 10

LOAD BEARING 6" METAL STUD WALL W/ METAL PANEL



WALL TYPES

1" = 1'-0"

STC - ANSI S12.60-2002.

ANSI S12.60-2002, "ACOUSTICAL PERFORMANCE CRITERIA, DESIGN REQUIREMENTS AND GUIDELINES FOR SCHOOLS"

STC-45 IF THE ADJACENT SPACE IS A CORRIDOR, STAIRCASE, OFFICE OR CONFERENCE ROOM.

STC-50 IF THE ADJACENT SPACE IS ANOTHER CORE LEARNING SPACE, SPEECH CLINIC, HEALTH CARE ROOM OR OUTDOORS.

STC-53 IF THE ADJACENT SPACE IS A RESTROOM.

STC-60 IF THE ADJACENT SPACE IS A MUSIC ROOM, MECHANICAL EQUIPMENT ROOM, CAFETERIA, GYMNASIUM OR INDOOR SWIMMING POOL.

CLASSROOM DOORS SHOULD BE RATED AS STC-30 OR MORE, MUSIC ROOM DOORS AS STC-40 OR MORE. ENTRY DOORS ACROSS A CORRIDOR SHOULD BE STAGGERED TO MINIMIZE NOISE TRANSMISSION.

STC RATINGS RANGING FROM 45-60 ARE OUTLINED FOR ASSEMBLIES SEPARATING ANCILLARY SPACES FROM ADJACENT SPACES. (NOTE: OPEN-PLAN CLASSROOM DESIGNS WILL NOT MEET THE REQUIREMENTS OF THIS STANDARD.)

|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
| Eng'y. Nos.                     | 24GA27937600 |
| Arch. Nos.                      | 21AC00012400 |
| Date                            | -            |
| Checked                         | CC           |
| Drawn                           | CP, AF       |

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT License No. NJ21402015400

|          |             |
|----------|-------------|
| Date     | Description |
| 08/13/26 | BID ISSUE   |

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Engineering,  
Planning,  
Architecture,  
Surveying Inc.

LAN  
ASSOCIATES

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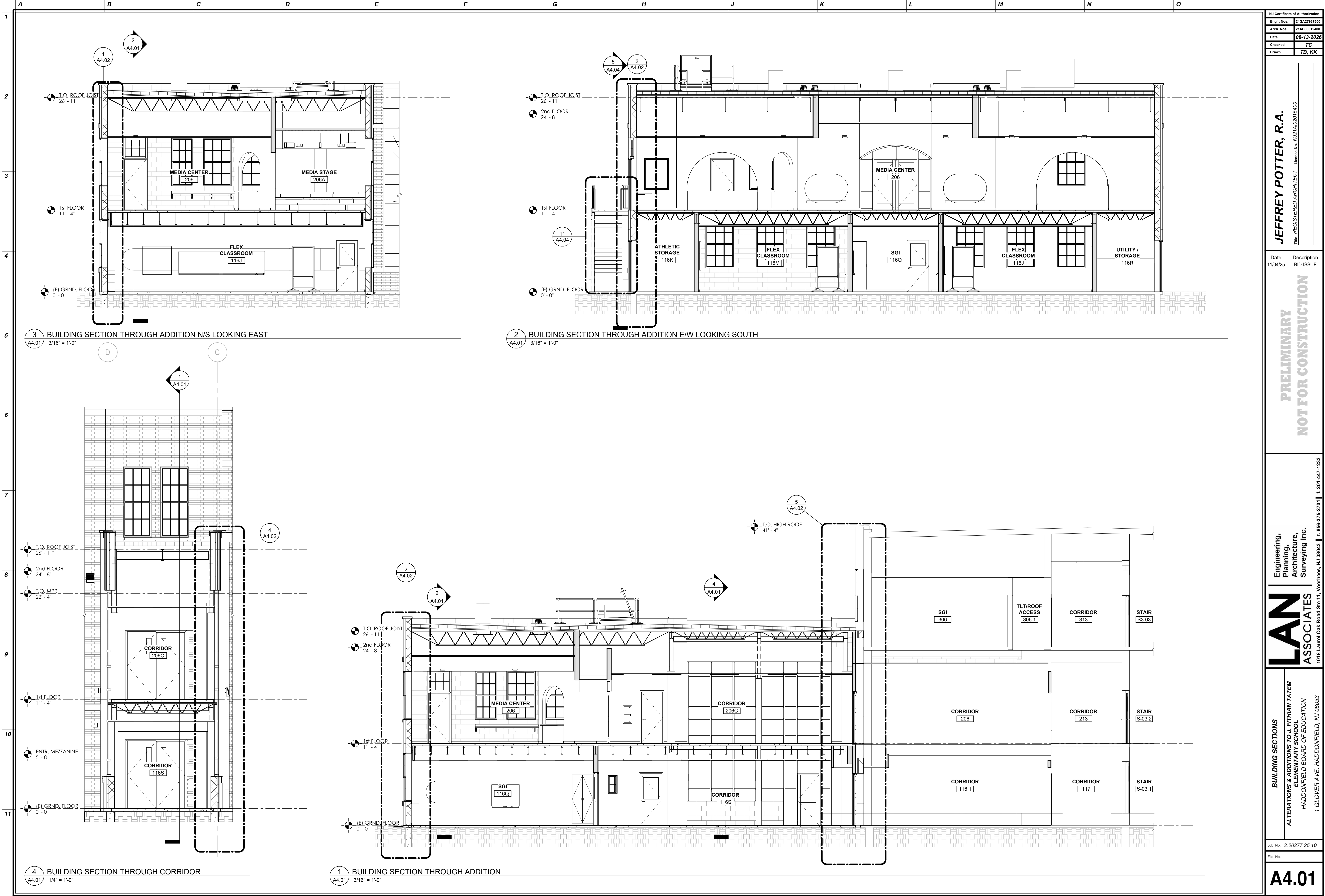
ALTERATIONS & ADDITIONS TO J. RITHIAN TATEM ELEM.  
SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08043

Job No. 2.20277.25.10

File No.

A4.00





NJ Certificate of Authorization

Eng'y. Nos. 24GA27937680

Arch. Nos. 21AC00012400

Date 08-13-2026

Checked TC

Drawn TB, KK

JEFFREY POTTER, R.A.

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT License No. NJ21402015400

Date 11/04/25

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

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Planning,  
Architecture,  
Surveying Inc.

**LAN**  
ASSOCIATES

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BUILDING SECTIONS

ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

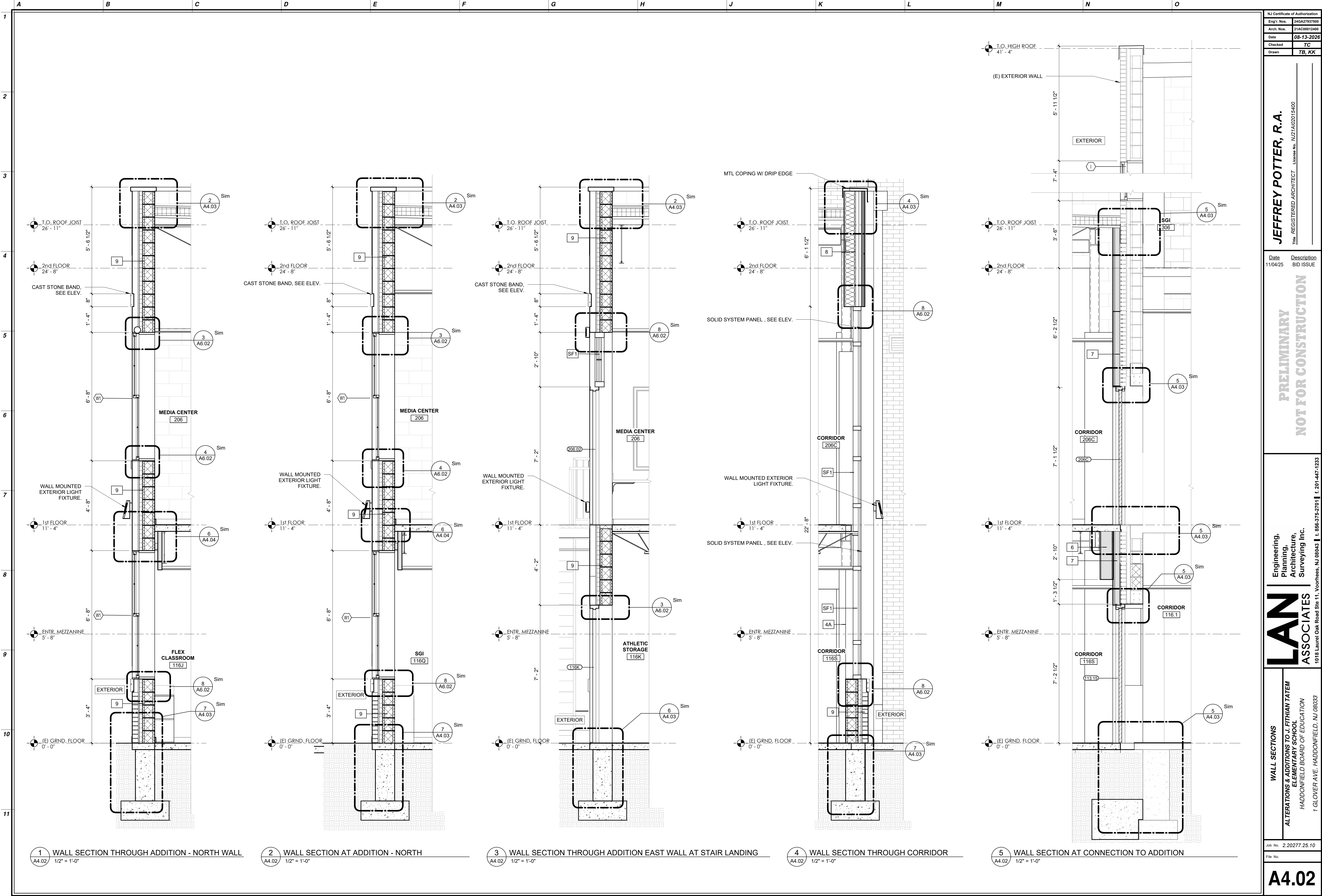
Job No. 2.20277.25.10

File No.

A4.01

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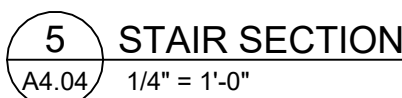
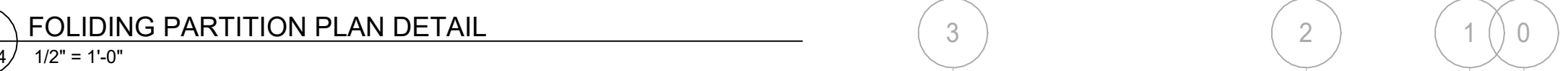
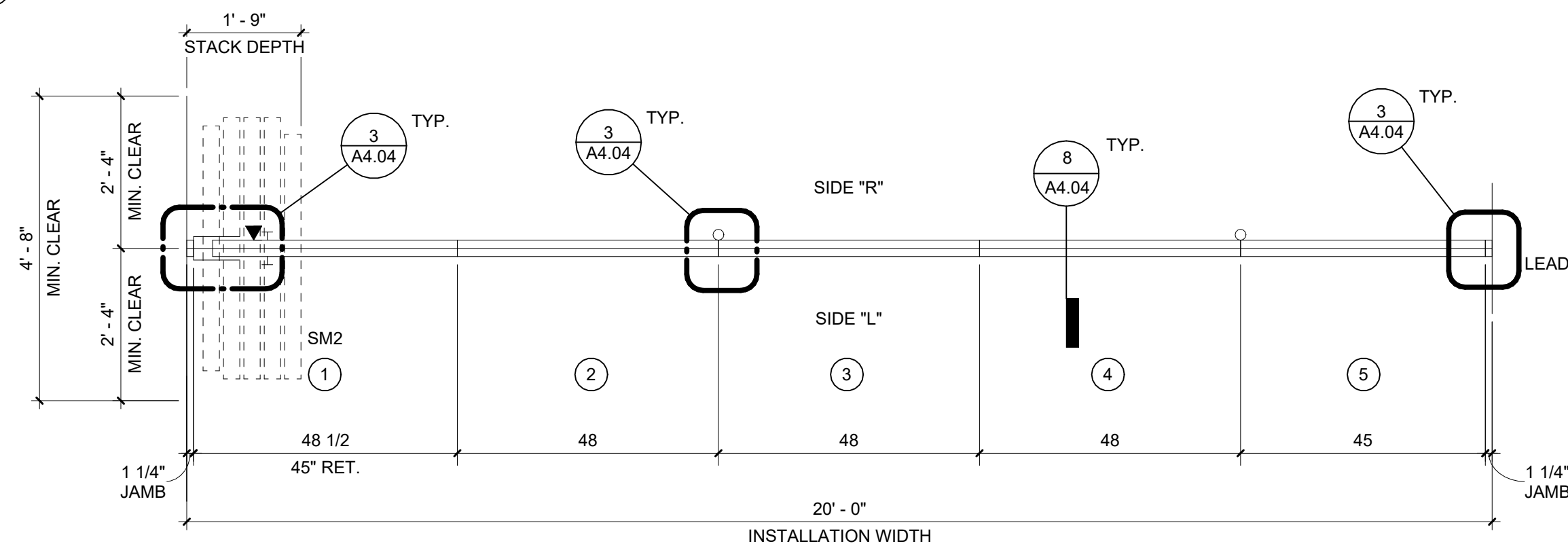
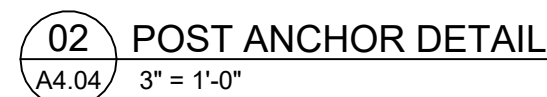


|                                                                                                                                                                     |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| NJ Certificate of Authorization                                                                                                                                     |              |
| Eng'r. Nos.                                                                                                                                                         | 24GA27937600 |
| Arch. Nos.                                                                                                                                                          | 21AC00012400 |
| Date                                                                                                                                                                | 08-13-2026   |
| Checked                                                                                                                                                             | TC           |
| Drawn                                                                                                                                                               | TB, KK       |
| JEFFREY POTTER, R.A.<br>Title: REGISTERED ARCHITECT License No. NJ21402015400                                                                                       |              |
| Date                                                                                                                                                                | Description  |
| 11/04/25                                                                                                                                                            | BID ISSUE    |
| PRELIMINARY<br>NOT FOR CONSTRUCTION                                                                                                                                 |              |
| Engineering, Planning, Architecture, Surveying Inc.<br><b>LAN ASSOCIATES</b><br>1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043   t. 856-375-2701   f. 201-447-1233 |              |
| WALL SECTIONS<br>ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM<br>ELEMENTARY SCHOOL<br>HADDONFIELD BOARD OF EDUCATION<br>1 GLOVER AVE. HADDONFIELD, NJ 08033          |              |
| Job No. 2.20277.25.10                                                                                                                                               |              |
| File No.                                                                                                                                                            |              |
| A4.02                                                                                                                                                               |              |





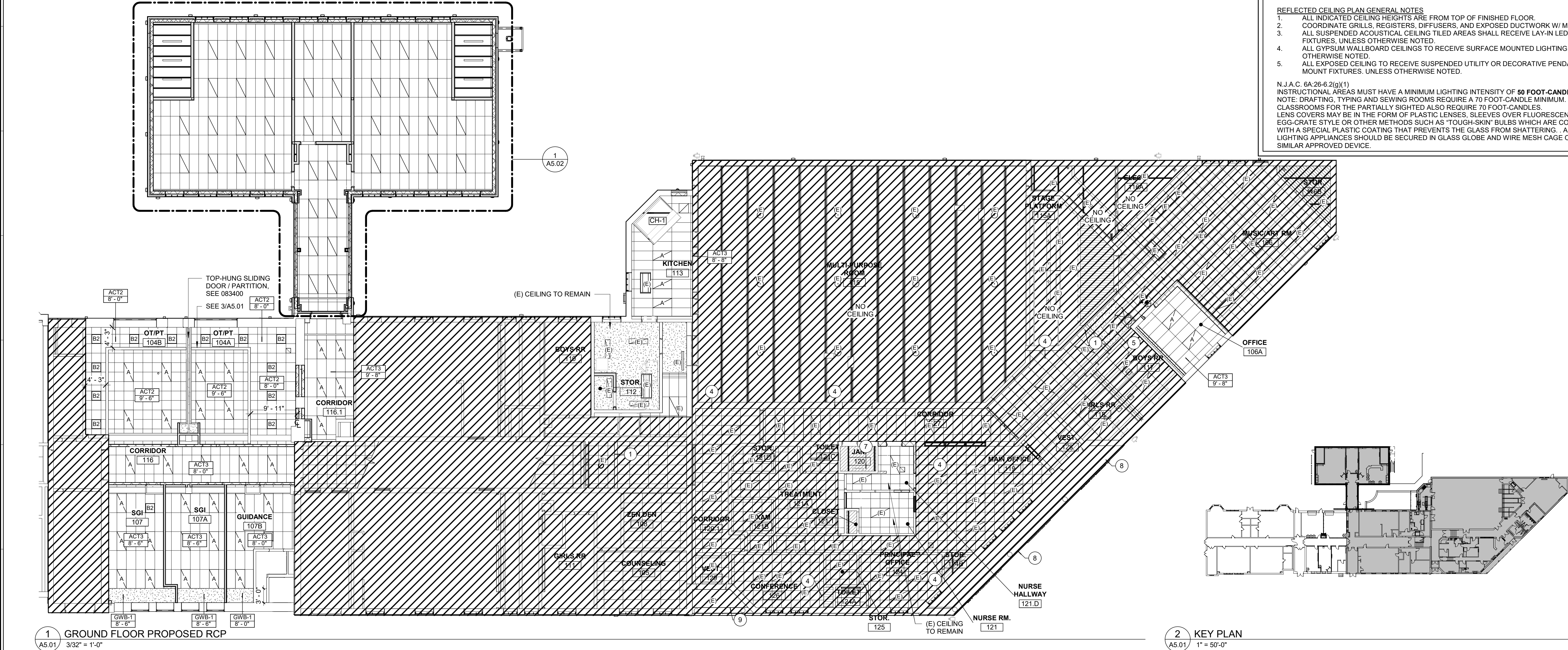






| A                                          | B          | C                                   | D                                                 | E        | F        | G         | H           | J        | K | L | M | N | O |
|--------------------------------------------|------------|-------------------------------------|---------------------------------------------------|----------|----------|-----------|-------------|----------|---|---|---|---|---|
| LIGHTING FIXTURE SCHEDULE (SEE ELECTRICAL) |            |                                     |                                                   |          |          |           |             |          |   |   |   |   |   |
| TYPE MARK                                  | MAKE       | Model                               | DESCRIPTION                                       | VOLTAGE  | WATTAGE  | Lumens    | COLOR TEMP. | CRI      |   |   |   |   |   |
| A                                          | WILLIAMS   | BP-24-LS-4CS-DIM-UNV-30W-3500K      | 2'X4' TROFFER                                     | 120 V    | 29       | 3,452 lm  | 3500 K      | +80      |   |   |   |   |   |
| B                                          | WILLIAMS   | 75R-4-LS-835-DIM-UNV                | 4' LINEAR STRIP                                   | 120 V    | 33       | 4,867 lm  | 3500 K      | +80      |   |   |   |   |   |
| B2                                         | <varies>   | LT-22-39-835-AF-(LS)-DIM-UNV        | 2'X2' TROFFER                                     | <varies> | <varies> | <varies>  | <varies>    | <varies> |   |   |   |   |   |
| C                                          | WILLIAMS   | LRX4-X-20-L8-835-DIM-UNV            | LINEAR FIXTURE                                    | 120 V    | 50       | 2,050 lm  | 3500 K      | +80      |   |   |   |   |   |
| D                                          | WILLIAMS   | 4DR-TL110-827-DIM-UNV-OW-OF-CS      | 4" Cylinder - Round (ACR)                         | 120 V    | 25       | 2,050 lm  | 3500 K      | +80      |   |   |   |   |   |
| E                                          | WILLIAMS   | 4DR-TL110-827-DIM-UNV-OW-OF-CS      | 4" Cylinder - Round (ACR)                         | 120 V    | 25       | 2,050 lm  | 3500 K      | +80      |   |   |   |   |   |
| F3                                         | BETA-CALCO | MRTP2P03-EEF1-LPF0174-LPG017-CR     | HANGING FIXTURE                                   | 120 V    | 240      | 550 lm    | 3500 K      | +80      |   |   |   |   |   |
| F4                                         | BETA-CALCO | MRTP2P04-EEF1-LPF0174-LPG017-CR     | HANGING FIXTURE                                   | 120V     | 240      | 1,240 lm  | 3500 K      | +80      |   |   |   |   |   |
| F5                                         | BETA-CALCO | MRTP2P05-EEF1-LPF0174-LPG017-CR     | HANGING FIXTURE                                   | 120 V    | 240      | 2,200 lm  | 3500 K      | +80      |   |   |   |   |   |
| G                                          | LUMINI     | KBL-W-HB-1HE38LO-35K-SF-X-X-X-X-X-X | 1" SECTION FLEX CURABLE COVE LIGHT                | 120 V    | 86       | 465 LM    | 3500 K      | +80      |   |   |   |   |   |
| J                                          | WILLIAMS   | OSABR-16840-AC-FT-DBR-AB-OPT1       | WILLIAMS LIGHTING - 8" DIA. BOLLARD LIGHTING      | 120 V    | 18       | 1,600 lm  | 3500 K      | +80      |   |   |   |   |   |
| V                                          | WILLIAMS   | VST-130-730-T5-X-X-X-X-X-X          | SURFACE MOUNTED EXTERIOR FIXTURE                  | 120 V    | 36       | 550 lm    | 3500 K      | +80      |   |   |   |   |   |
| V2                                         | COMPASS    | CUSO DB                             | EXTERIOR WALL MOUNTED FIXTURE WITH BATTERY BACKUP | 120 V    | 4        | 19,000 lm | 3500 K      | +80      |   |   |   |   |   |

| CONSTRUCTION KEY NOTES LEGEND |                                                                                                                                                       | # | SYMBOL INDICATES CONST. KEY NOTE |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------|
| KEY #                         | DESCRIPTION                                                                                                                                           |   |                                  |
| 1                             | TYPICAL BULKHEAD (SEE DETAIL 3/A5.01)                                                                                                                 |   |                                  |
| 2                             | SOFFIT 5/8" GYPSUM WALLBOARD W/ 6" STL. STUD W/ KICKERS 4'-0" O.C.                                                                                    |   |                                  |
| 3                             | CEILING TO WALL EXPANSION JOINT                                                                                                                       |   |                                  |
| 4                             | (E) CEILING GRID AND LIGHTING FIXTURES TO REMAIN. REMOVE & RE-INSTALL EXIST. CEILING GRID, TILES, LIGHTS & DIFFUSERS                                  |   |                                  |
| 5                             | EXISTING GYPSUM CELING TO REMAIN                                                                                                                      |   |                                  |
| 6                             | PAINT EXPOSED MECHANICAL SYSTEM S (DUCTWORK & CONDUIT)                                                                                                |   |                                  |
| 7                             | EXIST. ROOF HATCH & LADDER TO "ROOF" TO REMAIN FOR MECH. ACCESS                                                                                       |   |                                  |
| 8                             | REPAIR EXISTING STUCCO SOFFIT AND CONTINUOUS VENT, PAINT EXIST. EXPOSED STL LINTEL TO MATCH ADJACENT                                                  |   |                                  |
| 9                             | REPAIR EXISTING METAL SOFFIT & CONTINUOUS VENT, PAINT EXIST. EXPOSED STL. LINTEL TO MATCH ADJACENT                                                    |   |                                  |
| 10                            | (E) CEILING OPEN CEILING TO REMAIN - RETURN TO EXST. CONDITION AFTER INTATION OF NEW STUCUTRAL COLUMN.                                                |   |                                  |
| 11                            | (E) RELOCATE EXIST OR PROTECT IN PLACE THE EXIST. STAGE LIGHTS, CUTIANS, SCREEN & PRODUCTION EQUIPMENT TO BE USED IN THE NEW STAGE AREA ( SEE ELECT.) |   |                                  |
| 12                            | ACT CEILING TRANSITION TO GWB CEILING (SEE DETAIL 3/A5.02)                                                                                            |   |                                  |
| 13                            | ACT CEILING TRANSITION TO GWB CEILING (SEE DETAIL 2/A5.02)                                                                                            |   |                                  |
| 14                            | (E) RELOCATE EXIST WALL MOUNTED STAGE CURTUAN TO NEW WALL. CUT MAIN ALUM. SUPORT CHANNEL DOWN TO FIT NEW WALL PROFILE.                                |   |                                  |



### CONSTRUCTION KEY NOTES LEGEND

| #         | SYMBOL INDICATES CONST. KEY NOTE                   |
|-----------|----------------------------------------------------|
| ACT-1     | CEILING TYPE 12'-0" CEILING HEIGHT                 |
| X         | CEILING AND/OR SURFACE MOUNTED EMERGENCY EXIT SIGN |
| 2X2 ACT-2 | 'SCHOOL ZONE' BY ARMSTRONG OR APPROVED EQUAL       |
| 2X4 ACT-3 | 'KITCHEN ZONE' BY ARMSTRONG OR APPROVED EQUAL      |
| NOTE:     | (X) INDICATES LENGTH OF FIXTURE                    |
| A         | 2'X4' LED VOLUMETRIC RECESSED LIGHTING             |
| B2        | 2'X2' LED VOLUMETRIC RECESSED LIGHTING             |
| C         | 8' LINEAR RECESSED                                 |
| D         | SURFACE MOUNTED DOME                               |
| F3        | 2' DIA. RING LIGHT PENDANT                         |
| F4        | 3' DIA. RING LIGHT PENDANT                         |
| F5        | 4' DIA. RING LIGHT PENDANT                         |
| G         | LED STRIP LIGHTING                                 |
| H         | 4' LINEAR SUSPENDED                                |
| J         | 8" DIA. 43" HIGH ALUMINUM BOLLARD LIGHTING         |
| V         | SURFACE MOUNTED EXTERIOR LIGHT FIXTURE             |
| V2        | SURFACE MOUNTED EXTERIOR LIGHT FIXTURE             |
|           | AREA NOT IN SCOPE                                  |

### REFLECTED CEILING PLAN GENERAL NOTES

- ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
  - COORDINATE GRILLS, REGISTERS, DIFFUSERS, AND EXPOSED DUCTWORK W/ MECH.
  - ALL SUSPENDED ACOUSTICAL CEILING TILED AREAS SHALL RECEIVE LAY-IN LED 2'X4' FIXTURES, UNLESS OTHERWISE NOTED.
  - ALL GYPSUM WALLBOARD CEILINGS TO RECEIVE SURFACE MOUNTED LIGHTING UNLESS OTHERWISE NOTED.
  - ALL EXPOSED CEILING TO RECEIVE SUSPENDED UTILITY OR DECORATIVE PENDANT MOUNT FIXTURES, UNLESS OTHERWISE NOTED.
- N.J.A.C. 6A:26-6.2(g)(1)  
INSTRUCTIONAL AREAS MUST HAVE A MINIMUM LIGHTING INTENSITY OF 50 FOOT-CANDLES.  
NOTE: DRAFTING, TYPING AND SEWING ROOMS REQUIRE A 70 FOOT-CANDLE MINIMUM.  
CLASSROOMS FOR THE PARTIALLY SIGHTED ALSO REQUIRE 70 FOOT-CANDLES.  
LENS COVERS MAY BE IN THE FORM OF PLASTIC LENSES, SLEEVES OVER FLUORESCENT TUBES, EGG-CRATE STYLE OR OTHER METHODS SUCH AS "TOUGH-SKIN" BULBS WHICH ARE COVERED WITH A SPECIAL PLASTIC COATING THAT PREVENTS THE GLASS FROM SHATTERING. ALL LIGHTING APPLIANCES SHOULD BE SECURED IN GLASS GLOBE AND WIRE MESH CAGE OR A SIMILAR APPROVED DEVICE.

NJ Certificate of Authorization  
Engr. Nos. 24GA27837800  
Arch. Nos. 21AC00012400  
Date 08-13-2026  
Checked TC  
Drawn TB, KK

JEFFREY POTTER, R.A.  
Title REGISTERED ARCHITECT License No. NJ21A02015400

Date 11/04/25  
Description BID ISSUE

**PRELIMINARY  
NOT FOR CONSTRUCTION**

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

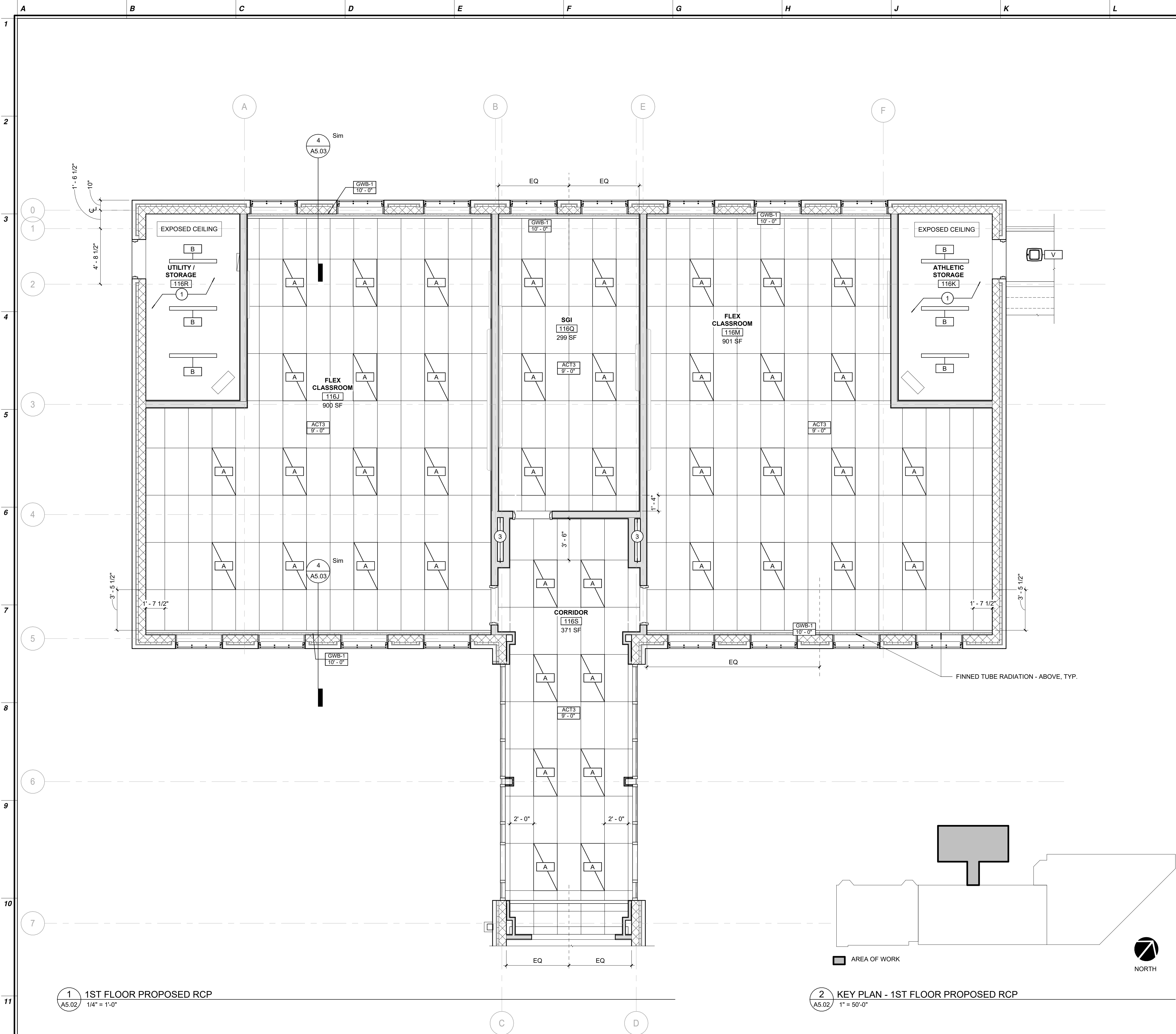
**LAN ASSOCIATES**  
1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | f. 201-447-1233

REFLECTED CEILING PLAN  
ALTERATIONS & ADDITIONS TO J. FIFTH TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08043

Job No. 2.20277.25.10  
File No.

**A5.01**





CEILING / LIGHTING LEGEND

GWB-1  
5/8" PAINTED GYPSUM WALL  
BOARD ON METAL  
SUSPENSION SYSTEM/  
ALUM. TRANSITION TRIM

SUSPENDED ACOUSTIC CEILING.  
2X4 ACT-1 EDUCATIONAL  
STANDARD BY ROCKFON OR  
APPROVED EQUAL

2X2 ACT-2 EDUCATIONAL  
STANDARD BY ROCKFON OR  
APPROVED EQUAL

2X4 ACT-3 'KITCHEN ZONE' BY  
ARMSTRONG OR APPROVED  
EQUAL

ACT-1  
12' - 0"

CEILING TYPE  
CEILING HEIGHT

X  
CEILING AND/OR SURFACE  
MOUNTED EMERGENCY EXIT SIGN

A: 2'X4' LED VOLUMETRIC  
RECESSED LIGHTING

B2: 2'X2' LED VOLUMETRIC  
RECESSED LIGHTING

C: 8' LINEAR RECESSED

R1: 4.5" RECESSED DOWNLIGHT  
R2: 4" ROUND PENDANT

D3: 2" DIA. RING LIGHT  
PENDANT  
D4: 3" DIA. RING LIGHT  
PENDANT  
D5: 4" DIA. RING LIGHT  
PENDANT

G: LED STRIP LIGHTING

H: 4' LINEAR SUSPENDED

J: 8" DIA. 43" HIGH ALUMINUM  
BOLLARD LIGHTING

E: SURFACE MOUNTED EXTERIOR  
LIGHT FIXTURE

V2: SURFACE MOUNTED  
EXTERIOR LIGHT FIXTURE

AREA NOT IN SCOPE

REFLECTED CEILING PLAN GENERAL NOTES

1.

ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.

2.

COORDINATE GRILLS, REGISTERS, DIFFUSERS, AND EXPOSED DUCTWORK W/ MECH.

3.

ALL SUSPENDED ACOUSTICAL CEILING TILED AREAS SHALL RECEIVE LAY-IN LED 2X4  
FIXTURES, UNLESS OTHERWISE NOTED.

4.

ALL GYPSUM WALLBOARD CEILINGS TO RECEIVE SURFACE MOUNTED LIGHTING UNLESS  
OTHERWISE NOTED.

5.

ALL EXPOSED CEILING TO RECEIVE SUSPENDED UTILITY OR DECORATIVE PENDANT  
MOUNT FIXTURES, UNLESS OTHERWISE NOTED.

N.J.A.C. 6A-26-6.2(g)(1)

INSTRUCTIONAL AREAS MUST HAVE A MINIMUM LIGHTING INTENSITY OF 50 FOOT-CANDLES.  
NOTE: DRAFTING, TYPING AND SEWING ROOMS REQUIRE A 70 FOOT-CANDLE MINIMUM.  
CLASSROOMS FOR THE PARTIALLY SIGHTED ALSO REQUIRE 70 FOOT-CANDLES.  
LENS COVERS MAY BE IN THE FORM OF PLASTIC LENSES, SLEEVES OVER FLUORESCENT TUBES,  
EGG-CRATE STYLE OR OTHER METHODS SUCH AS "TOUGH-SKIN" BULBS WHICH ARE COVERED  
WITH A SPECIAL PLASTIC COATING THAT PREVENTS THE GLASS FROM SHATTERING. ALL  
LIGHTING APPLIANCES SHOULD BE SECURED IN GLASS GLOBE AND WIRE MESH CAGE OR A  
SIMILAR APPROVED DEVICE.

LIGHTING FIXTURE SCHEDULE (SEE ELECTRICAL)

| TYPE<br>MARK | MAKE       | Model                                        | DESCRIPTION                                             | VOLTAGE | WATTAGE | LUMENS    | COLOR<br>TEMP. | CRF |
|--------------|------------|----------------------------------------------|---------------------------------------------------------|---------|---------|-----------|----------------|-----|
| A            | WILLIAMS   | BP-24-LS-8CS-DIM-UNV-30W-3500K               | 2'X4' TROFFER                                           | 120 V   | 29      | 3,452 lm  | 3500 K         | +80 |
| B            | WILLIAMS   | 75R-4-L50-635-DIM-UNV                        | 4' LINEAR STRIP                                         | 120 V   | 53      | 4,867 lm  | 3500 K         | +80 |
| B2           | WILLIAMS   | LT-22-39-635-4F-L50-DIM-UNV                  | 2'X2' TROFFER                                           | 120 V   | 29      | 3,453 lm  | 3500 K         | +80 |
| C            | WILLIAMS   | LRX4-X-20-L8-835-DMA-DIM-UNV                 | LINEAR FIXTURE                                          | 120 V   | 50      | 2,050 lm  | 3500 K         | +80 |
| D            | WILLIAMS   | 4DR-TL-10-827-DIM-UNV-OW-OF-CS               | 4" Cylinder - Round (4CR)                               | 120 V   | 25      | 2,050 lm  | 3500 K         | +80 |
| E            | WILLIAMS   | 4DR-TL-10-827-DIM-UNV-OW-OF-CS               | 4" Cylinder - Round (4CR)                               | 120 V   | 25      | 2,050 lm  | 3500 K         | +80 |
| F3           | BETA-CALCO | MRT1P2P03-EFF-1-LPF017-LPG017-CR80-C         | HANGING FIXTURE                                         | 120 V   | 240     | 550 lm    | 3500 K         | +80 |
| F4           | BETA-CALCO | MRT1P2P04-EFF-1-LPF017-LPG017-CR80-C         | HANGING FIXTURE                                         | 120V    | 240     | 1,240 lm  | 3500 K         | +80 |
| F5           | BETA-CALCO | MRT1P2P05-EFF-1-LPF017-LPG017-CR80-C         | HANGING FIXTURE                                         | 120 V   | 240     | 2,200 lm  | 3500 K         | +80 |
| G            | LUMINII    | KBL-W-HB-1-HE38LO-35K-SF-X-X-X-X-            | 1" SECTION FLEX CURABLE<br>COVE LIGHT                   | 120 V   | 86      | 465 LM    | 3500 K         | +80 |
| J            | WILLIAMS   | OSA89L16840-AC-FT-DBR-AB-OPTIONS-<br>DIM-UNV | WILLIAMS LIGHTING - 8"<br>DIA. BOLLARD LIGHTING         | 120 V   | 18      | 1,600 lm  | 3500 K         | +80 |
| V            | WILLIAMS   | VGT-L30-730-T5-X-X-X-X-X                     | SURFACE MOUNTED<br>EXTERIOR FIXTURE                     | 120 V   | 36      | 550 lm    | 3500 K         | +80 |
| V2           | COMPASS    | CUSO DB                                      | EXTERIOR WALL<br>MOUNTED FIXTURE WITH<br>BATTERY BACKUP | 120 V   | 4       | 19,000 lm | 3500 K         | +80 |

ADDITION CEILING PLAN KEYNOTES LEGEND

| KEY # | DESCRIPTION                                                                                                                                                                                                                                                                       |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | NO DROPPED CEILING. EXPOSED STEEL DECK AND JOISTS TO BE PAINTED - SEE FINISH PLANS<br>AND SCHEDULES.                                                                                                                                                                              |
| 2     | PROVIDE SPRAYED-ON FIRE-RESISTIVE MATERIAL (SFRM) AT UNDERSIDE OF ROOF DECK,<br>STRUCTURAL STEEL JOISTS, AND SUPPORTING MEMBERS TO ACHIEVE A 1-HOUR<br>FIRE-RESISTANCE RATING FOR HORIZONTAL ASSEMBLY ABOVE ELECTRICAL ROOM, IN<br>ACCORDANCE WITH UL DESIGN NO. D916 (OR EQUAL). |
| 3     | PLUMBING CHASE - SEE MEP DRAWINGS.                                                                                                                                                                                                                                                |
| 4     | ARCHED GWB CEILING, SIM. TO GWB-1, WITH CENTER HIGH POINT AND EDGE LOW POINT AS<br>DIMENSIONED IN PLAN. PAINT PER FINISH SCHEDULE.                                                                                                                                                |
| 5     | DECORATIVE "TREE" CEILING ELEMENT - SEE FINISH PLANS AND DETAILS.                                                                                                                                                                                                                 |

NJ Certificate of Authorization

Eng'r. Nos. 24GA27937680

Arch. Nos. 21AC00012400

Date 8/13/2026

Checked TC

Drawn TB, KK

JEFFREY POTTER, R.A.

This REGISTERED ARCHITECT License No. NJ21402015400

Date 08/13/26

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

LAN ASSOCIATES

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

REFLECTED CEILING PLAN - GROUND FL -  
ADDITION

ALTERATIONS & ADDITIONS TO J. RITHIAN TATEM ELEM.  
SCHOOL

HADDONFIELD BOARD OF EDUCATION

1 GLOVER AVE. HADDONFIELD, NJ 08033

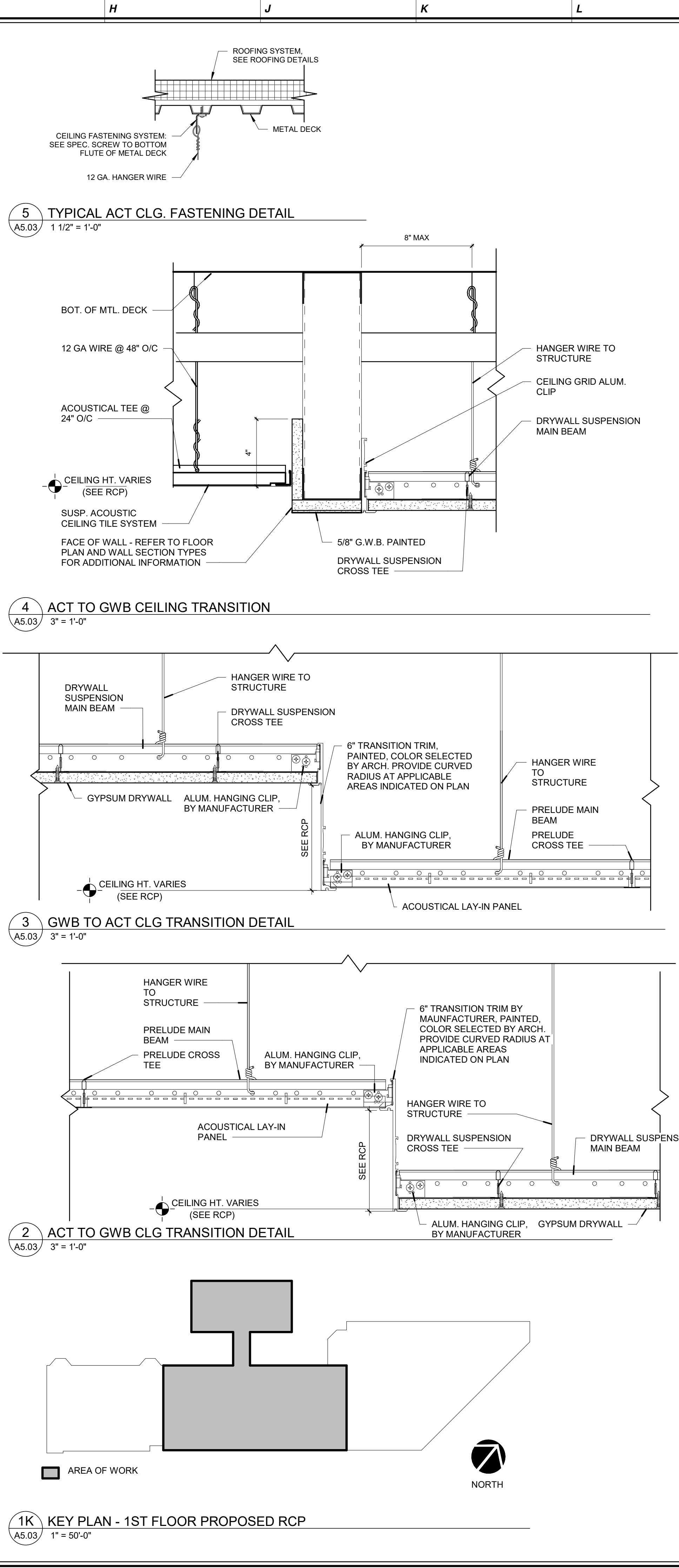
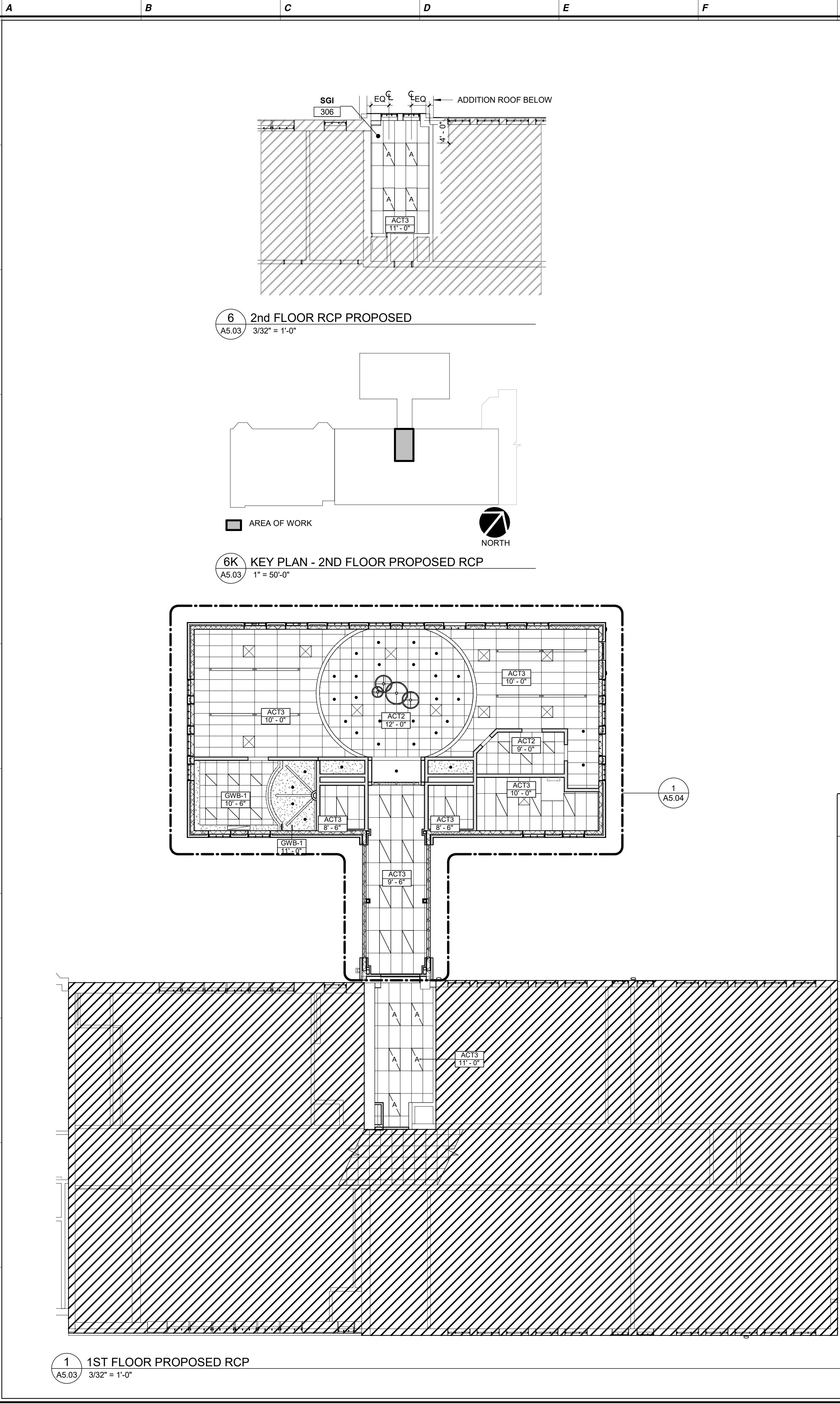
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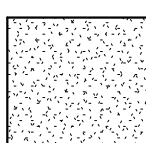
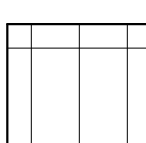
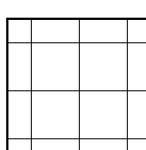
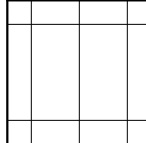
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|--|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| CONSTRUCTION KEY NOTES LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |   |  | #                                                                                                            | SYMBOL INDICATES CONST. KEY NOTE                   |
|  <b>GWB-1</b><br>5/8" PAINTED GYPSUM WALL BOARD ON METAL SUSPENSION SYSTEM/ ALUM. TRANSITION TRIM                                                                                                                                                                                                                                                                                                                                                                                                  |  |   |  |  <b>ACT-1</b><br>12' - 0" | CEILING TYPE<br>CEILING HEIGHT                     |
|  <b>SUSPENDED ACOUSTIC CEILING TILE</b><br><b>2X4 ACT-1</b> 'SCHOOL ZONE' BY ARMSTRONG OR APPROVED EQUAL                                                                                                                                                                                                                                                                                                                                                                                           |  |   |  |                           | CEILING AND/OR SURFACE MOUNTED EMERGENCY EXIT SIGN |
|  <b>2X2 ACT-2</b> 'SCHOOL ZONE' BY ARMSTRONG OR APPROVED EQUAL                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |  |                           | SUPPLY GRILL / DIFFUSER SEE MECH DWGS.             |
|  <b>2X4 ACT-3</b> 'KITCHEN ZONE' BY ARMSTRONG OR APPROVED EQUAL                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |   |  | <b>NOTE:</b>                                                                                                 | (X) INDICATES LENGTH OF FIXTURE                    |
|  <b>A:</b> 2'X4' LED VOLUMETRIC RECESSED LIGHTING                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |   |  |                           | RETURN GRILL / DIFFUSER SEE MECH DWGS.             |
|  <b>B2:</b> 2'X2' LED VOLUMETRIC RECESSED LIGHTING                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |   |  |                                                                                                              |                                                    |
|  <b>C:</b> 8' LINEAR RECESSED                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |   |  |                           | <b>V2:</b> SURFACE MOUNTED EXTERIOR LIGHT FIXTURE  |
|  <b>D:</b> SURFACE MOUNTED DOME                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |   |  |                                                                                                              |                                                    |
|  <b>F3:</b> 2' DIA. RING LIGHT PENDANT<br><b>F4:</b> 3' DIA. RING LIGHT PENDANT<br><b>F5:</b> 4' DIA. RING LIGHT PENDANT                                                                                                                                                                                                                                                                                                                                                                           |  |   |  |                           | AREA NOT IN SCOPE                                  |
|  <b>G:</b> LED STRIP LIGHTING                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |   |  |                                                                                                              |                                                    |
|  <b>H:</b> 4' LINEAR SUSPENDED                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |  |                                                                                                              |                                                    |
|  <b>O:</b> 8" DIA. 43" HIGH ALUMINUM BOLLARD LIGHTING                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |   |  |                                                                                                              |                                                    |
|  <b>V:</b> SURFACE MOUNTED EXTERIOR LIGHT FIXTURE                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |   |  |                                                                                                              |                                                    |
| <b>REFLECTED CEILING PLAN GENERAL NOTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |   |  |                                                                                                              |                                                    |
| 1. ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |   |  |                                                                                                              |                                                    |
| 2. COORDINATE GRILLS, REGISTERS, DIFFUSERS, AND EXPOSED DUCTWORK W/ MECH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |   |  |                                                                                                              |                                                    |
| 3. ALL SUSPENDED ACOUSTICAL CEILING TILED AREAS SHALL RECEIVE LAY-IN LED 2X4 FIXTURES, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |   |  |                                                                                                              |                                                    |
| 4. ALL GYPSUM WALLBOARD CEILINGS TO RECEIVE SURFACE MOUNTED LIGHTING UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |   |  |                                                                                                              |                                                    |
| 5. ALL EXPOSED CEILING TO RECEIVE SUSPENDED UTILITY OR DECORATIVE PENDANT MOUNT FIXTURES, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |   |  |                                                                                                              |                                                    |
| N.J.A.C. 6A-26-6.2(g)(1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |   |  |                                                                                                              |                                                    |
| INSTRUCTIONAL AREAS MUST HAVE A MINIMUM LIGHTING INTENSITY OF <b>50 FOOT-CANDLES</b> . NOTE: DRAFTING, TYPING AND SEWING ROOMS REQUIRE A 70 FOOT-CANDLE MINIMUM. CLASSROOMS FOR THE PARTIALLY SIGHTED ALSO REQUIRE 70 FOOT-CANDLES. LENS COVERS MAY BE IN THE FORM OF PLASTIC LENSES, SLEEVES OVER FLUORESCENT TUBES, EGG-CRATE STYLE OR OTHER METHODS SUCH AS "TOUGH-SKIN" BULBS WHICH ARE COVERED WITH A SPECIAL PLASTIC COATING THAT PREVENTS THE GLASS FROM SHATTERING. ALL LIGHTING APPLIANCES SHOULD BE SECURED IN GLASS GLOBE AND WIRE MESH CAGE OR A SIMILAR APPROVED DEVICE. |  |   |  |                                                                                                              |                                                    |

| LIGHTING FIXTURE SCHEDULE (SEE ELECTRICAL) |            |                                           |                                                   |          |          |           |             |          |
|--------------------------------------------|------------|-------------------------------------------|---------------------------------------------------|----------|----------|-----------|-------------|----------|
| TYPE MARK                                  | MAKE       | Model                                     | DESCRIPTION                                       | VOLTAGE  | WATTAGE  | Lumens    | COLOR TEMP. | CRI      |
| A                                          | WILLIAMS   | BP-24LS-SCS-DIM-UNV-30W-3500K             | 2'X4' TROFFER                                     | 120 V    | 29       | 3,452 lm  | 3500 K      | +80      |
| B                                          | WILLIAMS   | 75R-4-LSO-535-DIM-UNV                     | 4' LINEAR STRIP                                   | 120 V    | 33       | 4,867 lm  | 3500 K      | +80      |
| B2                                         | <varies>   | LT-22-30-535-AF-LSO-DIM-UNV               | 2'X2' TROFFER                                     | <varies> | <varies> | <varies>  | <varies>    | <varies> |
| C                                          | WILLIAMS   | LRX4-X-20-L8-535-DIM-UNV                  | LINEAR FIXTURE                                    | 120 V    | 50       | 2,050 lm  | 3500 K      | +80      |
| D                                          | WILLIAMS   | 4DR-TL-L10-827-DIM-UNV-QW-OF-CS           | 4" Cylinder - Round (4CR)                         | 120 V    | 25       | 2,050 lm  | 3500 K      | +80      |
| E                                          | WILLIAMS   | 4DR-TL-L10-827-DIM-UNV-QW-OF-CS           | 4" Cylinder - Round (4CR)                         | 120 V    | 25       | 2,050 lm  | 3500 K      | +80      |
| F3                                         | BETA-CALCO | MRT2P203-EEF-LP017-LPG017-CR              | HANGING FIXTURE                                   | 120 V    | 240      | 550 lm    | 3500 K      | +80      |
| F4                                         | BETA-CALCO | MRT2P204-EEF-LP017-LPG017-CR              | HANGING FIXTURE                                   | 120V     | 240      | 1,240 lm  | 3500 K      | +80      |
| F5                                         | BETA-CALCO | MRT2P205-EEF-LP017-LPG017-CR              | HANGING FIXTURE                                   | 120 V    | 240      | 2,200 lm  | 3500 K      | +80      |
| G                                          | LUMINI     | KBL-W-HB-1-HE38LQ-35K-SF-X-X-X-X          | 1" SECTION FLEX CURABLE COVE LIGHT                | 120 V    | 86       | 465 LM    | 3500 K      | +80      |
| J                                          | WILLIAMS   | OSABRL16840-AC-FT-DBR-AB-OPTI ONS-DIM-UNV | WILLIAMS LIGHTING - 8" DIA. BOLLARD LIGHTING      | 120 V    | 18       | 1,600 lm  | 3500 K      | +80      |
| V                                          | WILLIAMS   | V01-L30-730-T5-X-X-X-X                    | SURFACE MOUNTED EXTERIOR LIGHT FIXTURE            | 120 V    | 36       | 550 lm    | 3500 K      | +80      |
| V2                                         | COMPASS    | CUSO DB                                   | EXTERIOR WALL MOUNTED FIXTURE WITH BATTERY BACKUP | 120 V    | 4        | 19,000 lm | 3500 K      | +80      |

| CONSTRUCTION ANNOTATION LEGEND |                                                                                                                                                       | # | SYMBOL INDICATES CONST. ANNOTATION |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------|
| KEY #                          | DESCRIPTION                                                                                                                                           |   |                                    |
| 1                              | TYPICAL BULKHEAD (SEE DETAIL 3/A5.01)                                                                                                                 |   |                                    |
| 2                              | SOFFIT 5/8" GYPSUM WALLBOARD W/ 6" STL. STUD W/ KICKERS 4'-0" O.C.                                                                                    |   |                                    |
| 3                              | CEILING TO WALL EXPANSION JOINT                                                                                                                       |   |                                    |
| 4                              | (E) CEILING GRID AND LIGHTING FIXTURES TO REMAIN. REMOVE & RE-INSTALL EXIST. CEILING GRID, TILES, LIGHTS & DIFFUSERS                                  |   |                                    |
| 5                              | EXISTING GYPSUM CEILING TO REMAIN                                                                                                                     |   |                                    |
| 6                              | PAINT EXPOSED MECHANICAL SYSTEM S (DUCTWORK & CONDUIT)                                                                                                |   |                                    |
| 7                              | EXIST. ROOF HATCH & LADDER TO "ROOF" TO REAMAIN FOR MECH. ACCESS                                                                                      |   |                                    |
| 8                              | REPAIR EXISTING STUCCO SOFFIT AND CONTINUOUS VENT, PAINT EXIST. EXPOSED STL LINTEL TO MATCH ADJACENT                                                  |   |                                    |
| 9                              | REPAIR EXISTING METAL SOFFIT & CONTINUOUS VENT, PAINT EXIST. EXPOSED STL. LINTEL TO MATCH ADJACENT                                                    |   |                                    |
| 10                             | (E) CEILING OPEN CEILING TO REMAIN - RETURN TO EXST. CONDITION AFTER INTATION OF NEW STUCUTRAL COLUMN.                                                |   |                                    |
| 11                             | (E) RELOCATE EXIST OR PROTECT IN PLACE THE EXIST. STAGE LIGHTS, CUTIANS, SCREEN & PRODUCITON EQUIPMENT TO BE USED IN THE NEW STAGE AREA ( SEE ELECT.) |   |                                    |
| 12                             | ACT CEILING TRANSITION TO GWB CEILING (SEE DETAIL 3/A5.02)                                                                                            |   |                                    |
| 13                             | ACT CEILING TRANSITION TO GWB CEILING (SEE DETAIL 2/A5.02)                                                                                            |   |                                    |
| 14                             | (E) RELOCATE EXIST WALL MOUNTED STAGE CURTUAN TO NEW WALL. CUT MAIN ALUM. SUPORT CHANNEL DOWN TO FIT NEW WALL PROFILE.                                |   |                                    |

Eng'r. Nos.

24GA27837800

Arch. Nos.

21AC00012400

Date

08-16-2026

Checked

TC

Drawn

TB, KK

2X4 ACT-1 'SCHOOL ZONE' BY  
ARMSTRONG OR APPROVED EQUAL

2X2 ACT-2 'SCHOOL ZONE' BY  
ARMSTRONG OR APPROVED EQUAL

2X4 ACT-3 'KITCHEN ZONE' BY  
ARMSTRONG OR APPROVED EQUAL

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT

License No. NJ21A02015400

Date

11/04/25

Description

BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

LAN ASSOCIATES

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

REFLECTED CEILING PLAN

ALTERATIONS & ADDITIONS TO J. FIFTH TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

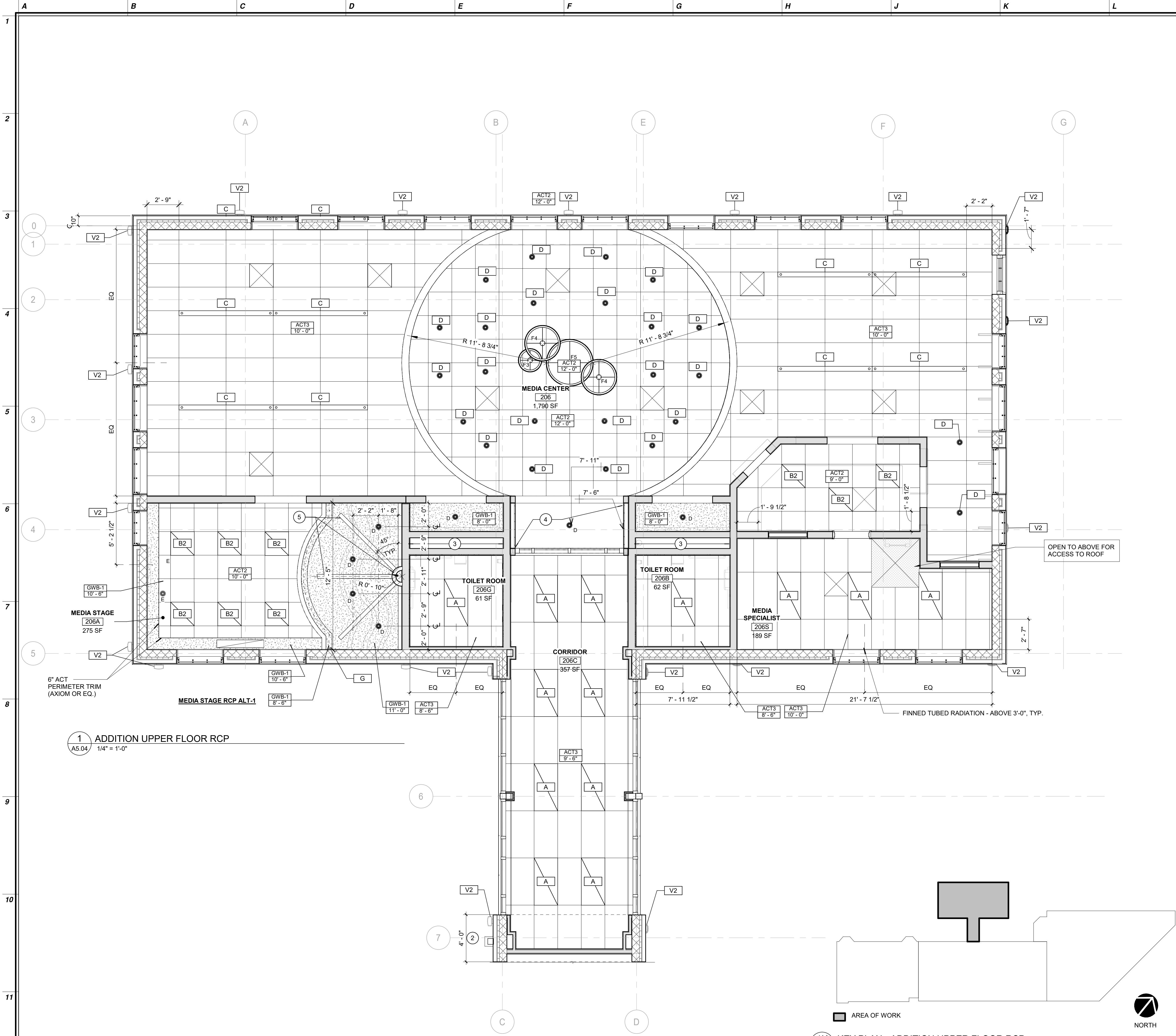
Job No.

2.20277.25.10

File No.

A5.03





### CEILING / LIGHTING LEGEND

**GWB-1**  
5/8" PAINTED GYPSUM WALL  
BOARD ON METAL  
SUSPENSION SYSTEM/  
ALUM. TRANSITION TRIM

**SUSPENDED ACOUSTIC CEILING**  
2X4 ACT-1 EDUCATIONAL  
STANDARD BY ROCKFON OR  
APPROVED EQUAL

**2X2 ACT-2** EDUCATIONAL  
STANDARD BY ROCKFON OR  
APPROVED EQUAL

**2X4 ACT-3** 'KITCHEN ZONE' BY  
ARMSTRONG OR APPROVED  
EQUAL

**ACT-1**  
12' - 0"

**ACT-2**  
12' - 0"

**ACT-3**  
10' - 0"

**A:** 2'X4' LED VOLUMETRIC  
RECESSED LIGHTING

**B2:** 2'X2' LED VOLUMETRIC  
RECESSED LIGHTING

**C:** 8' LINEAR RECESSED

**R1:** 4.5' RECESSED DOWNLIGHT  
**R2:** 4" ROUND PENDANT

**D3:** 2' DIA. RING LIGHT  
PENDANT  
**D4:** 3' DIA. RING LIGHT  
PENDANT  
**D5:** 4' DIA. RING LIGHT  
PENDANT

**G:** LED STRIP LIGHTING

**H:** 4' LINEAR SUSPENDED

**J:** 8" DIA. 43" HIGH ALUMINUM  
BOLLARD LIGHTING

**SUSPENDED CEILING SYSTEMS**  
**ACP-1** TURF BEAM ACOUSTIC  
CEILING BAFFLE 4" & 8" DEPTH,  
12" MIN. 119" MAX. LENGTH OR  
APPROVED EQUAL  
(2) CABLES TO GWB. CEILING.

**CEILING AND/OR SURFACE**  
MOUNTED EMERGENCY EXIT SIGN

**SUPPLY GRILL / DIFFUSER**  
SEE MECH DWGS.

**RETURN GRILL / DIFFUSER**  
SEE MECH DWGS.

**E:** SURFACE MOUNTED EXTERIOR  
LIGHT FIXTURE

**V2:** SURFACE MOUNTED  
EXTERIOR LIGHT FIXTURE

**(X)** INDICATES LENGTH OF FIXTURE

**NOTE:**

**AREA NOT IN SCOPE**

**REFLECTED CEILING PLAN GENERAL NOTES**

- ALL INDICATED CEILING HEIGHTS ARE FROM TOP OF FINISHED FLOOR.
- COORDINATE GRILLS, REGISTERS, DIFFUSERS, AND EXPOSED DUCTWORK W/ MECH.
- ALL SUSPENDED ACOUSTICAL CEILING TILED AREAS SHALL RECEIVE LAY-IN LED 2X4 FIXTURES, UNLESS OTHERWISE NOTED.
- ALL GYPSUM WALLBOARD CEILINGS TO RECEIVE SURFACE MOUNTED LIGHTING UNLESS OTHERWISE NOTED.
- ALL EXPOSED CEILING TO RECEIVE SUSPENDED UTILITY OR DECORATIVE PENDANT MOUNT FIXTURES, UNLESS OTHERWISE NOTED.

N.J.A.C. 6A:26-6.2(g)(1)  
INSTRUCTIONAL AREAS MUST HAVE A MINIMUM LIGHTING INTENSITY OF 50 FOOT-CANDLES.  
NOTE: DRAFTING, TYPING AND SEWING ROOMS REQUIRE A 70 FOOT-CANDLE MINIMUM.  
CLASSROOMS FOR THE PARTIALLY SIGHTED ALSO REQUIRE 70 FOOT-CANDLES.  
LENS COVERS MAY BE IN THE FORM OF PLASTIC LENSES, SLEEVES OVER FLUORESCENT TUBES, EGG-CRATE STYLE OR OTHER METHODS SUCH AS 'TOUGH-SKIN' BULBS WHICH ARE COVERED WITH A SPECIAL PLASTIC COATING THAT PREVENTS THE GLASS FROM SHATTERING. ALL LIGHTING APPLIANCES SHOULD BE SECURED IN GLASS GLOBE AND WIRE MESH CAGE OR A SIMILAR APPROVED DEVICE.

| LIGHTING FIXTURE SCHEDULE (SEE ELECTRICAL) |            |                                          |                                                   |          |          |           |             |          |  |
|--------------------------------------------|------------|------------------------------------------|---------------------------------------------------|----------|----------|-----------|-------------|----------|--|
| TYPE MARK                                  | MAKE       | Model                                    | DESCRIPTION                                       | VOLTAGE  | WATTAGE  | LUMENS    | COLOR TEMP. | CR       |  |
| A                                          | WILLIAMS   | BP-244-S-8CS-DIM-UNV-30W-3500K           | 2'X4' TROFFER                                     | 120 V    | 29       | 3,452 lm  | 3500 K      | +80      |  |
| B                                          | WILLIAMS   | 75R-4-LS-835-DIM-UNV                     | 4' LINEAR STRIP                                   | 120 V    | 33       | 4,887 lm  | 3500 K      | +80      |  |
| B2                                         | <varies>   | LT-22-38-835-AC-LS-55-DIM-UNV            | 2'X2' TROFFER                                     | <varies> | <varies> | <varies>  | <varies>    | <varies> |  |
| C                                          | WILLIAMS   | LRX-X-20-L-835-DMA-DIM-UNV               | LINEAR FIXTURE                                    | 120 V    | 50       | 2,050 lm  | 3500 K      | +80      |  |
| D                                          | WILLIAMS   | 4DR-TL-10-827-DIM-UNV-OW-OF-CS           | 4" Cylinder - Round (4CR)                         | 120 V    | 25       | 2,050 lm  | 3500 K      | +80      |  |
| E                                          | WILLIAMS   | 4DR-TL-10-827-DIM-UNV-OW-OF-CS           | 4" Cylinder - Round (4CR)                         | 120 V    | 25       | 2,050 lm  | 3500 K      | +80      |  |
| F3                                         | BETA-CALCO | MRT1P2P03-EEF1-LPF017-LPG017-CR80-C      | HANGING FIXTURE                                   | 120 V    | 240      | 550 lm    | 3500 K      | +80      |  |
| F4                                         | BETA-CALCO | MRT1P2P04-EEF1-LPF017-LPG017-CR80-C      | HANGING FIXTURE                                   | 120V     | 240      | 1,240 lm  | 3500 K      | +80      |  |
| F5                                         | BETA-CALCO | MRT1P2P05-EEF1-LPF017-LPG017-CR80-C      | HANGING FIXTURE                                   | 120 V    | 240      | 2,200 lm  | 3500 K      | +80      |  |
| G                                          | LUMINII    | KBL-W-HB-1-HE38LO-35K-SF-X-X-X-X         | 1" SECTION FLEX CURABLE COVER LIGHT               | 120 V    | 86       | 465 LM    | 3500 K      | +80      |  |
| J                                          | WILLIAMS   | OSABRL16840-AC-FT-DBR-AB-OPTIONS-DMA-UNV | WILLIAMS LIGHTING - 8" DIA. BOLLARD LIGHTING      | 120 V    | 18       | 1,600 lm  | 3500 K      | +80      |  |
| V                                          | WILLIAMS   | VGT-L30-730-T5-X-X-X-X-X                 | SURFACE MOUNTED EXTERIOR FIXTURE                  | 120 V    | 36       | 550 lm    | 3500 K      | +80      |  |
| V2                                         | COMPASS    | CUSO DB                                  | EXTERIOR WALL MOUNTED FIXTURE WITH BATTERY BACKUP | 120 V    | 4        | 19,000 lm | 3500 K      | +80      |  |

| ADDITION CEILING PLAN KEYNOTES LEGEND |                                                                                                                                                                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KEY #                                 | DESCRIPTION                                                                                                                                                                                                                                                              |
| 1                                     | NO DROPPED CEILING. EXPOSED STEEL DECK AND JOISTS TO BE PAINTED - SEE FINISH PLANS AND SCHEDULE.                                                                                                                                                                         |
| 2                                     | PROVIDE SPRAYED-ON FIRE-RESISTIVE MATERIAL (SFRM) AT UNDERSIDE OF ROOF DECK, STRUCTURAL STEEL JOISTS, AND SUPPORTING MEMBERS TO ACHIEVE A 1-HOUR FIRE-RESISTANCE RATING FOR HORIZONTAL ASSEMBLY ABOVE ELECTRICAL ROOM, IN ACCORDANCE WITH UL DESIGN NO. D916 (OR EQUAL). |
| 3                                     | PLUMBING CHASE - SEE MEP DRAWINGS.                                                                                                                                                                                                                                       |
| 4                                     | ARCHED GWB CEILING. SIM. TO GWB-1, WITH CENTER HIGH POINT AND EDGE LOW POINT AS DIMENSIONED IN PLAN. PAINT PER FINISH CENTER.                                                                                                                                            |
| 5                                     | DECORATIVE "TREE" CEILING ELEMENT - SEE FINISH PLANS AND DETAILS.                                                                                                                                                                                                        |

1K A5.04 KEY PLAN - ADDITION UPPER FLOOR RCP  
1" = 50'-0"

NJ Certificate of Authorization

Engr. Nos. 24GA27937900

Arch. Nos. 21AC00012400

Date 8/13/2026

Checked TC

Drawn TB, KK

JEFFREY POTTER, R.A.

THE REGISTERED ARCHITECT License No. NJ21A02015400

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REFLECTED CEILING PLAN - UPPER FL - ADDITION

ALTERATIONS & ADDITIONS TO J. FIFTH TATEM ELEM. SCHOOL

HADDONFIELD BOARD OF EDUCATION

1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No.

**A5.04**



DOOR SCHEDULE

| DOOR NO. | ROOM NAME         | ROOM NO. | DOOR TYPE | DOOR MATERIAL | DOOR DIMENSIONS (W x H) | FRAME TYPE | FRAME MATERIAL | HEAD DETAIL | JAMB DETAIL | SADDLE DETAIL | GLAZING TYPE | FIRE RATING | HARDWARE SET (Aaos) | SIGNAGE TYPE | COMMENTS                                     |
|----------|-------------------|----------|-----------|---------------|-------------------------|------------|----------------|-------------|-------------|---------------|--------------|-------------|---------------------|--------------|----------------------------------------------|
| 206C     |                   |          | F         | H.M.          | 72" x 84"               | 3          | HM             |             |             |               |              | 90 MIN.     | 4.0                 |              | PROVIDE MAGNETIC HOLD OPENS                  |
| 104A     | OT/PT             | 104A     | N         | WD            | 36" x 84"               | 2          | HM             | H1          | J1          | E             | GL-5         | 20 MIN.     | 6.0                 | TYPE 5       | SEE HARDWARE NOTE 2                          |
| 104      | OT/PT             | 104B     | N         | WD            | 36" x 84"               | 2          | HM             | H1          | J1          | E             | GL-5         | 20 MIN.     | 6.0                 | TYPE 5       | SEE HARDWARE NOTE 2                          |
| 106A     | OFFICE            | 106A     | N         | WD.           | 36" x 84"               | 2          | HM.            | H1          | J1          | E             | --           | --          | 7.0                 |              |                                              |
| 107      | SGI               | 107      | N         | WD            | 36" x 84"               | 2          | HM             | H1          | J1          | E             | GL-5         | 20 MIN.     | 6.0                 | TYPE 5       | SEE HARDWARE NOTE 2                          |
| 107A     | SGI               | 107A     | N         | WD            | 36" x 84"               | 2          | HM             | H1          | J1          | E             | GL-5         | 20 MIN.     | 6.0                 | TYPE 5       | SEE HARDWARE NOTE 2                          |
| 107B     | GUIDANCE          | 107B     | N         | WD            | 36" x 84"               | 2          | HM             | H1          | J1          | E             | GL-5         | 20 MIN.     | 8.0                 | TYPE 5       | SEE HARDWARE NOTE 3                          |
| 112.2    | STOR.             | 112      | F         | WD.           | 36" x 84"               | -          | HM.            | H2          | J2          | --            | --           | --          | 9.0                 | TYPE 1       |                                              |
| 113.3    | KITCHEN           | 113      | F         | WD.           | 36" x 84"               | -          | HM.            | H1          | J1          | F             | --           | --          | 10.0                | TYPE 1       |                                              |
| 113.4    | KITCHEN           | 113      | F         | WD.           | 36" x 84"               | -          | HM.            | --          | --          | F             | --           | --          | 10.0                |              | NEW DOOR RE-USE EXIST. FRAME TO CHANGE SWING |
| 113.15   | CORRIDOR          | 116.1    | F         | H.M.          | 72" x 84"               | 3          | HM             | H1          | J1          | D             |              | 90 MIN.     | 4.0                 |              | PROVIDE MAGNETIC HOLD OPENS                  |
| 116J     | FLEX CLASSROOM    | 116J     | N         | WD            | 36" x 86"               | 1          | HM             | H2          | J2          | E             | GL-5         | 11.0        |                     | TYPE 2       |                                              |
| 116K     | ATHLETIC STORAGE  | 116K     | F         | FRP           | 36" x 84"               | 2          | HM             | H3          | J3          | B             | --           | --          | 2.0                 |              |                                              |
| 116M     | FLEX CLASSROOM    | 116M     | N         | WD            | 36" x 86"               | 1          | HM             | H2          | J2          | E             | GL-5         | 11.0        |                     | TYPE 2       |                                              |
| 116R     | UTILITY / STORAGE | 116R     | F         | FRP           | 36" x 84"               | 2          | HM             | H3          | J3          | B             | --           | --          | 2.0                 |              |                                              |
| 113Q     | CORRIDOR          | 116S     | N         | WD            | 36" x 86"               | 1          | HM             | H2          | J2          | E             | GL-5         | 12.0        |                     |              |                                              |
| 116.01   | CORRIDOR          | 116S     | G2        | FRP           | 36" x 84"               | --         | AL             | --          | --          | A             | GL-5         | 1.0         |                     |              | PROVIDE ACCESS CONTROL W/ CARD READER        |
| 206.03   | CORRIDOR          | 116S     | G2        | FRP           | 36" x 84"               | --         | AL             | --          | --          | A             | GL-5         | 1.0         |                     |              | PROVIDE ACCESS CONTROL W/ CARD READER        |
| 121D.1   | NURSE HALLWAY     | 121.D    | N         | WD            | 36" x 84"               | 1          | HM.            | H1          | J1          | D             | GL-1         | --          | 5.0                 | TYPE 5       | CR MOTION RTX                                |
| 121D.2   | NURSE HALLWAY     | 121.D    | N2        | WD.           | 36" x 88"               | 1          | HM.            | H1          | J1          | B             | GL-1         | 20 MIN.     | 15.0                | TYPE 5       |                                              |
| 121F.1   | PANTRY            | 121F     | F         | WD.           | 36" x 84"               | -          | HM.            | H4          | J4          | B             | --           | 90 MIN.     | 16.0                | -            |                                              |
| 206.02   | MEDIA CENTER      | 206      | F         | FRP           | 36" x 84"               | 2          | HM             | H6          | J3          | G             | --           | --          | 3.0                 |              |                                              |
| 206S     | MEDIA CENTER      | 206      | F         | WD.           | 36" x 84"               | 1          | HM.            | H2          | J2          | --            | --           | --          | 17.0                |              |                                              |
| 206      | CORRIDOR          | 206C     | (2) G2    | AL/ GL        | 71 1/2" x 84"           | -          | AL             | --          | --          | D             | GL-5         | 14.0        |                     |              | PROVIDE ACCESS CONTROL W/ CARD READER        |
| 206B     | CORRIDOR          | 206C     | F         | WD            | 36" x 86"               | 1          | HM             | H2          | J2          | F             | --           | --          | 13.0                |              |                                              |
| 206G     | CORRIDOR          | 206C     | F         | WD            | 36" x 86"               | 1          | HM             | H2          | J2          | F             | --           | --          | 13.0                |              |                                              |

HARWARE NOTES & LEGEND

- ALL EXISTING OPENING SHALL BE VERIFIED IN FIELD PRIOR TO ORDERING.
- INSTALL ACOUSTIC SEALS AND GASKETS TO ENSURE AIRTIGHT INSTALLATION ALONG ALL EDGES OF DOOR AND GLASS AS PER HAREWARE SPECIFICATIONS
- INSTALL BACKER ROD AND/OR SEALANT WHERE GAPS OCCUR BETWEEN FRAME & WALL.
- ALL CORE SHALL BE MEDECO X4, PROCURED BY GC AND CUT AND INSTALLED BY DISTRICT.
- CLASSROOM FUNCTION WITH. OUTSIDE LEVER LOCKED FROM BOTH INSIDE AND OUTSIDE.
- OFFICE FUNCTION; FREE EGRESS AT ALL TIMES. OUTSIDE LEVER LOCKED FROM KEY OUTSIDE AND THUMBTURN ON INSIDE.
- CLOSET FUNCTION; FREE EGRESS AT ALL TIMES. OUTSIDE LEVER LOCKED WITH KEY. INSIDE LEVER ONLY, NO CYLINDER / CORE.
- MAG. LOCK HOLD OPEN. TIED INTO FIRE ALARM SYSTEM - SEE FA DRAWINGS.
- DOOR ACCESS CONTROL FROM EXISTING DOOR 121(ETR) TO BE REMOVED AND SALVAGED FOR REINSTALLATION AT DOOR 121.
- TOILET ROOM FUNCTION; FREE EGRESS AT ALL TIMES. THUMBTURN AT INSIDE, UNLOCKED FROM OUTSIDE WITH KEY.

MA RTX MOTION ACTIVATED REQUEST TO EXIT  
MS MOTION SENSOR  
CR CARD READER  
PR PROXIMITY READER  
RTX REQUEST TO EXIT

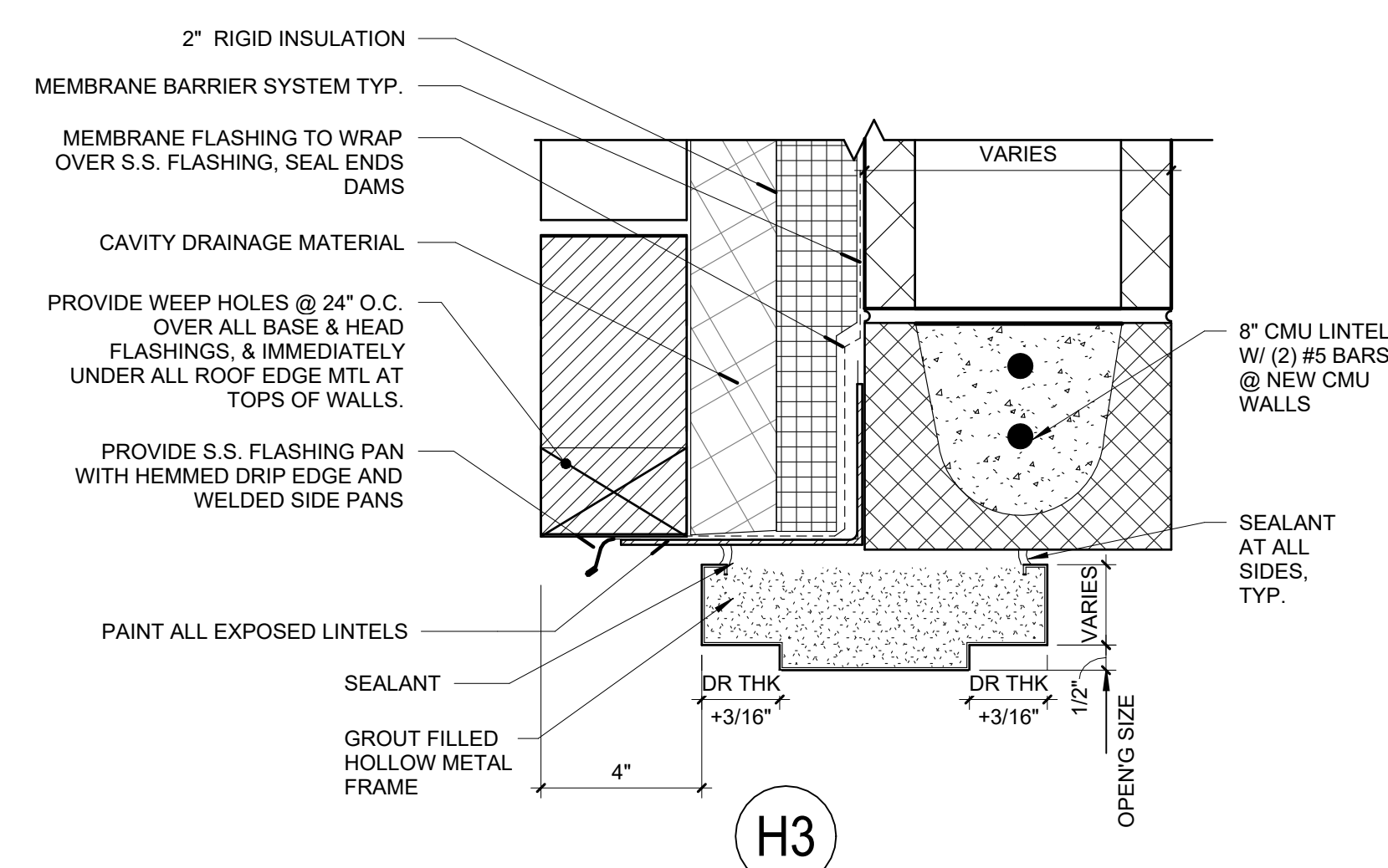
UL-20 - UL 20 MIN (1 HR. WALL) SMOKE BARRIER (20 MIN.)  
UL-B - UL (1 1/2 HOUR WALL) "B" 2HR. WALL (90 MIN.)  
UL-C - UL (3/4 HOUR WALL) "C" 1 HR. WALL (45 MIN.)

GLAZING TYPES. NOTE: GLAZING COLORS TO BE CHOSEN BY ARCHITECT- SEE SPEC.

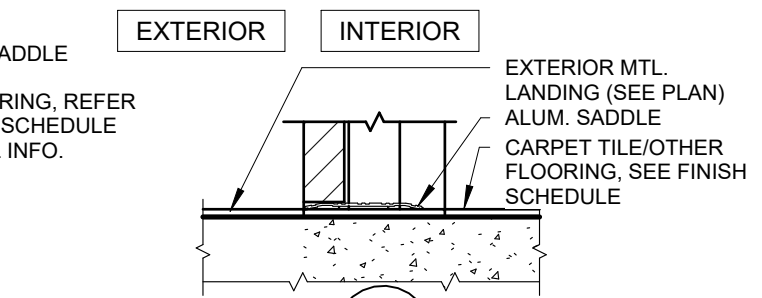
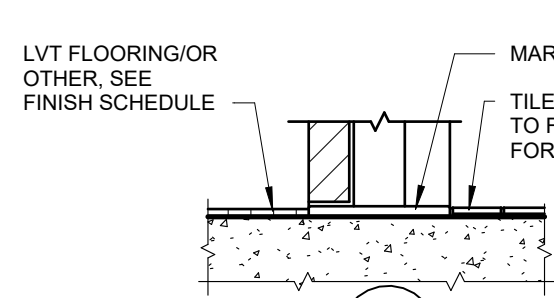
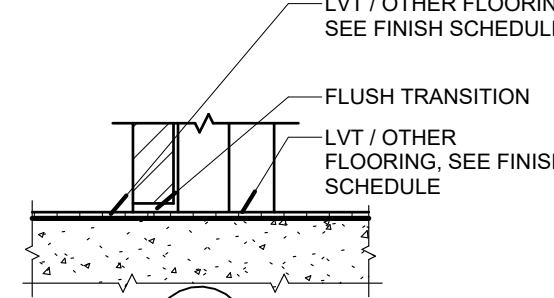
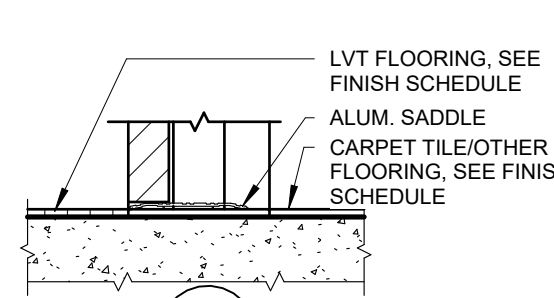
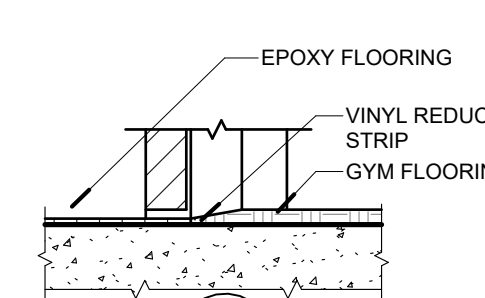
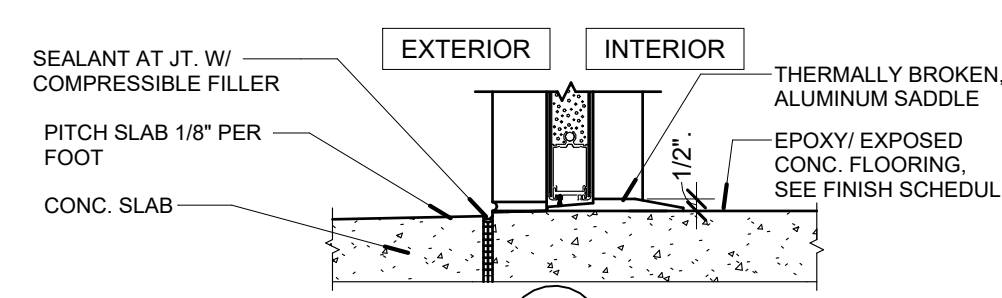
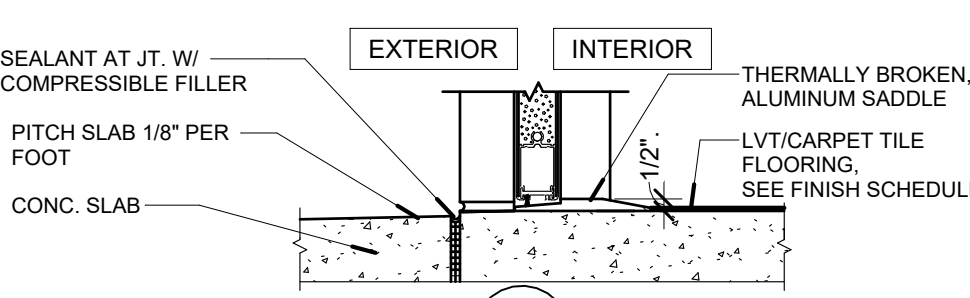
- G-1 1/4" CLEAR TEMPERED (SAFETY GLAZING)  
G-2 1" INSULATED TEMPERED, TINTED (SAFETY GLAZING), W/ SECURITY FILM COATING  
G-3 1" INSULATED , TEMPERED, TINTED, (SAFETY GLAZING)

ALL INTERIOR GLAZING TO BE G-1 UNLESS NOTED OTHERWISE.  
ALL EXTERIOR GLAZING TO BE G-3 UNLESS NOTED OTHERWISE.

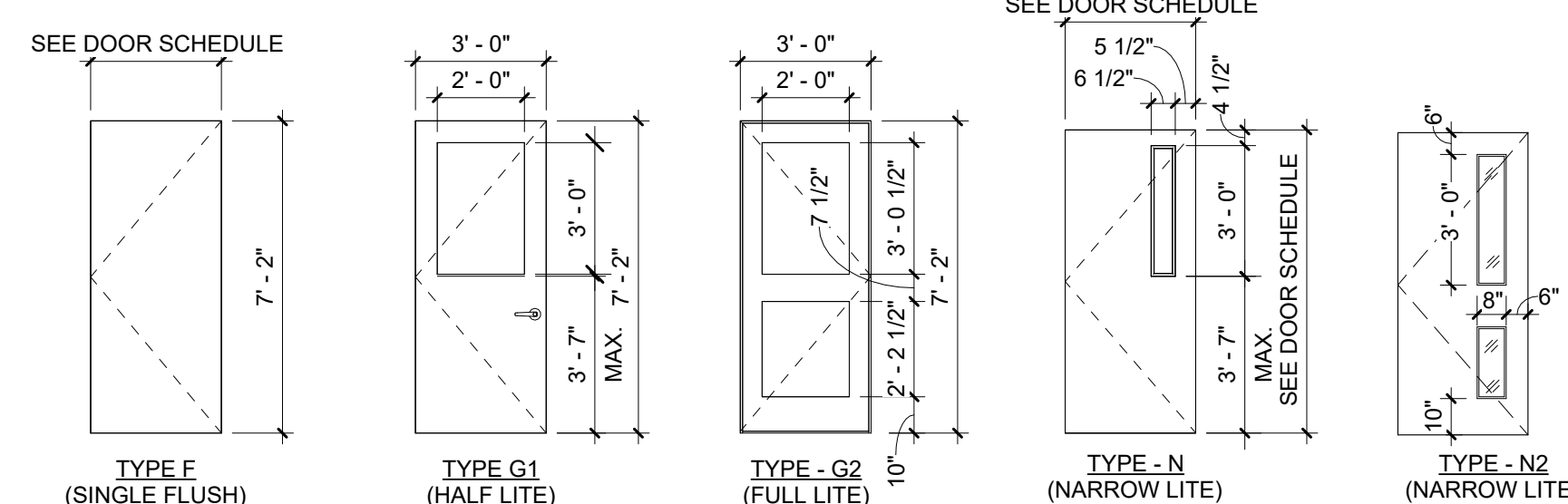
- GRAY SHADE INDICATES METAL PANEL INFILL.



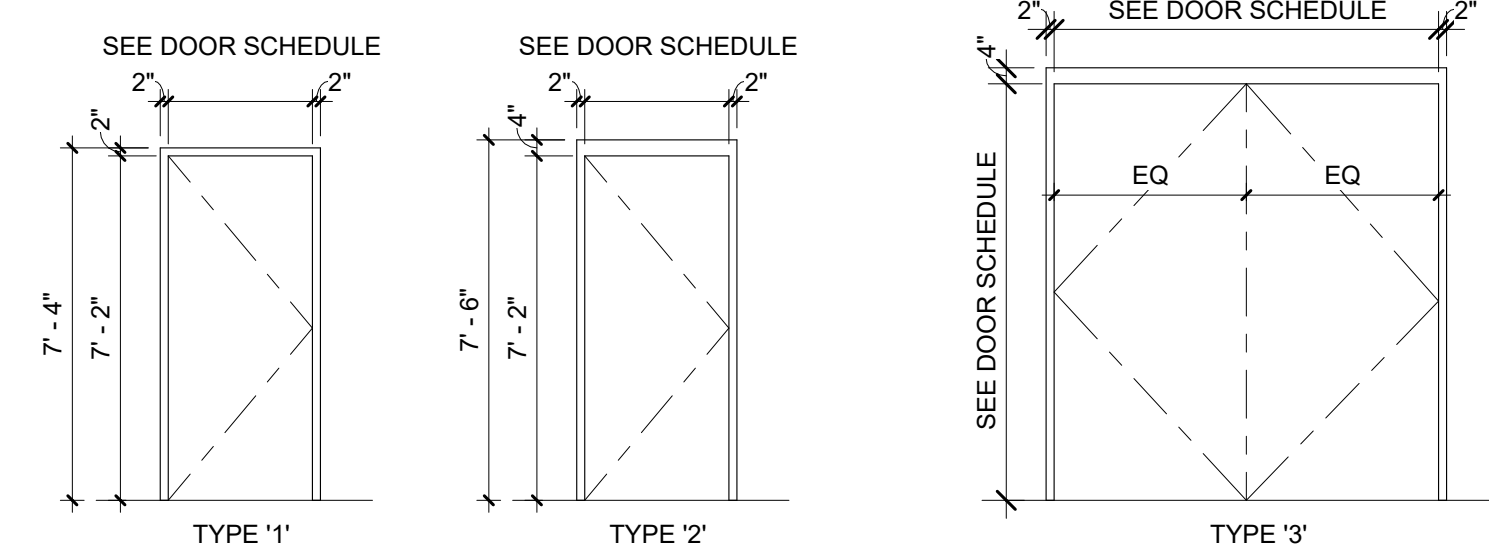
6 H-3 HEAD  
A6.01 3" = 1'-0"



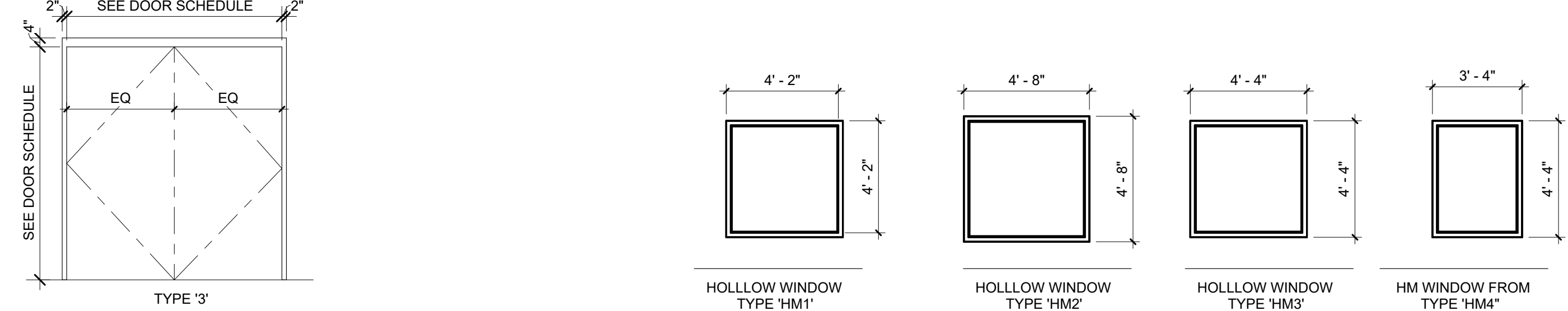
8 DOOR SADDLE/ SILL TYPES  
A6.01 N.T.S.



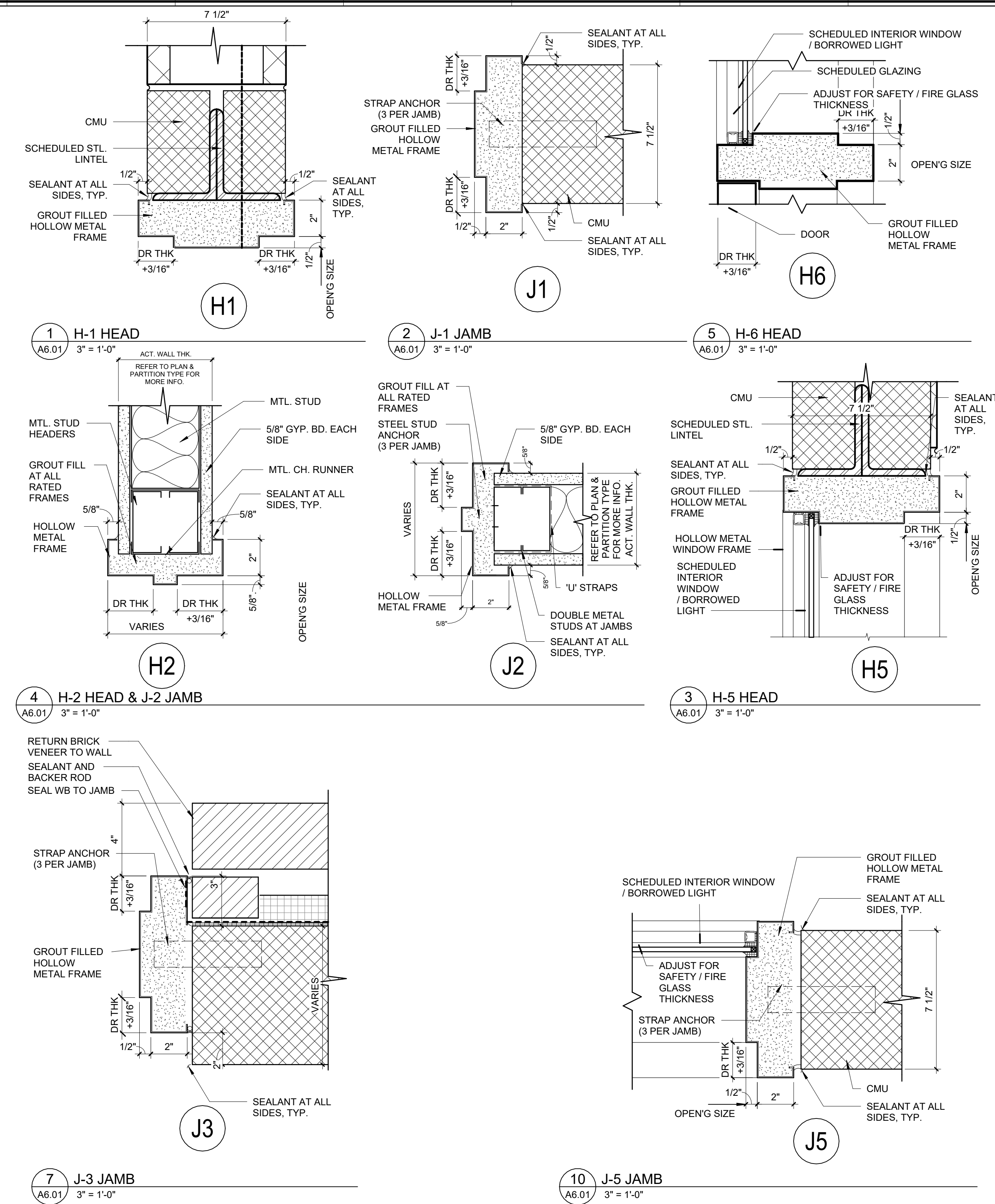
DOOR ELEVATION  
1/4" = 1'-0"



DOOR FRAME TYPES  
1/4" = 1'-0"



HOLLOW METAL WINDOW FRAME TYPES  
1/4" = 1'-0"



NJ Certificate of Authorization

Eng'y. Nos. 24GA27937600  
Arch. Nos. 21AC00012400  
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Checked TC  
Drawn TB, KK

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DOOR SCHEDULE, DOOR TYPES & DETAILS  
ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

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File No.

A6.01



WINDOW NOTES:

- GC SHALL FIELD VERIFY ALL DIMENSIONS.
- GC SHALL BE RESPONSIBLE TO CHECK AND VERIFY ACTUAL WINDOW OPENINGS BY ACCURATE FIELD MEASUREMENTS BEFORE FABRICATION, AND SHOW RECORDED MEASUREMENTS ON FINAL SHOP DRAWINGS.
- ADJUST OPERATING SASH AND HARDWARE TO PROVIDE TIGHT FIT AT CONTACT POINTS AND AT WEATHER-STRIPPING, AND TO ENSURE SMOOTH OPERATION AND WEATHER-TIGHT CLOSURE.
- SET WINDOWS PLUMB, LEVEL AND TRUE TO LINE WITHOUT WARP OR RACK OF FRAMES OR SASH. ANCHOR SECURELY IN PLACE.
- GC TO PROVIDE AND INSTALL ALL REQUIRED BLOCKING, SHIMS, AND SEALANT FOR A COMPLETE INSTALLATION.
- WOOD TO BE PRESSURE TREATED WHERE APPLICABLE.
- ALL WINDOWS AND DOORS SHALL BE TEMPERED SAFETY GLAZING.
- PROVIDE AND INSTALL WINDOW SCREENS AT ALL OPERABLE EXTERIOR WINDOWS.
- SEAL AND FLASH ALL OPENINGS FOR A COMPLETE WEATHERTIGHT INSTALLATION

GLAZING NOTES:  
1. FILM APPLIED TO SECURITY WINDOW AND SECURITY STOREFRONT, BASIS OF DESIGN: 3M™ SCOTCHSHIELD™ SAFETY AND SECURITY WINDOW FILM ULTRA SERIEES S800, OR APPROVED EQUAL.

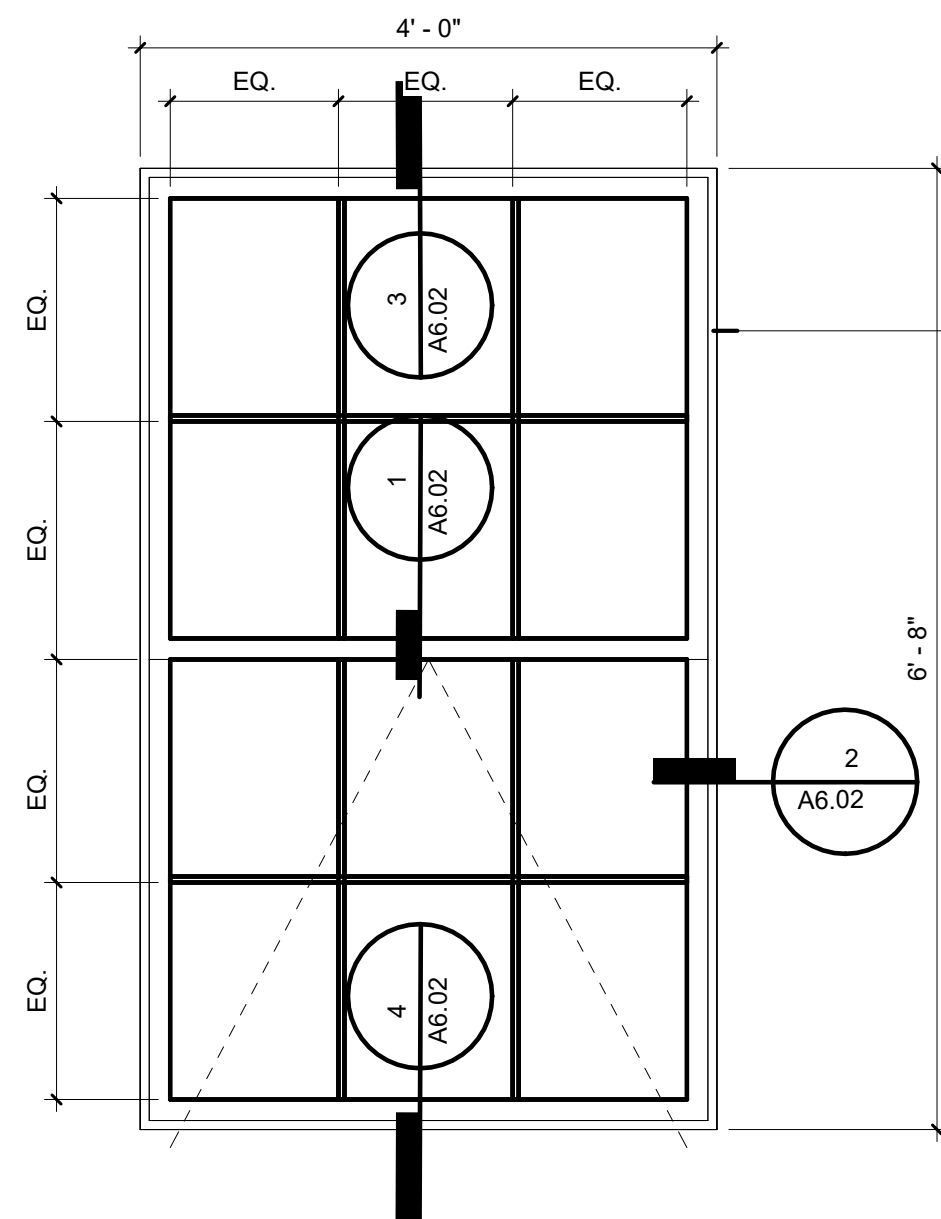
GLAZING TYPES. NOTE: GLAZING COLORS TO BE CHOSEN BY ARCHITECT- SEE SPEC.

|     |                                                                          |
|-----|--------------------------------------------------------------------------|
| G-1 | 1/4" CLEAR TEMPERED (SAFETY GLAZING)                                     |
| G-2 | 1" INSULATED TEMPERED, TINTED (SAFETY GLAZING), W/ SECURITY FILM COATING |
| G-3 | 1" INSULATED , TEMPERED, TINTED, (SAFETY GLAZING)                        |

ALL INTERIOR GLAZING TO BE G-1 UNLESS NOTED OTHERWISE.

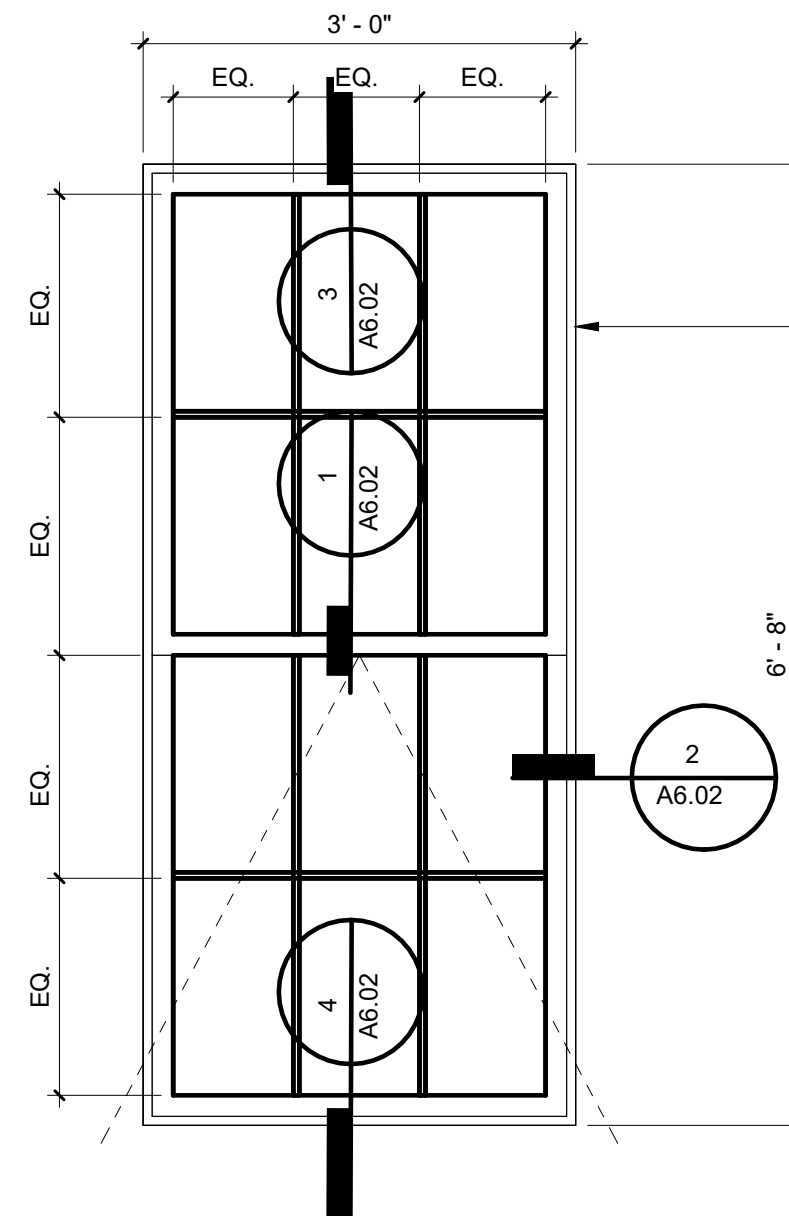
ALL EXTERIOR GLAZING TO BE G-3 UNLESS NOTED OTHERWISE.

- GRAY SHADE INDICATES METAL PANEL INFILL.



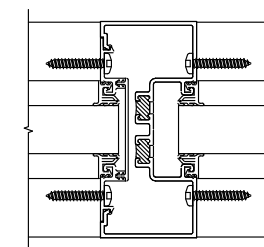
WINDOW (W1) ELEVATION  
3/4" = 1'-0"

GRAHAM GT2200 SERIES THERMALLY BROKEN ALUMINUM HUNG WINDOW SYSTEM (OR EQ.), WITH SIMULATED-DIVIDED-LITE MUNTINS. PROVIDE FACTORY-INTEGRATED SECURITY SCREEN AT LOWER LEVEL WINDOW UNITS ONLY.



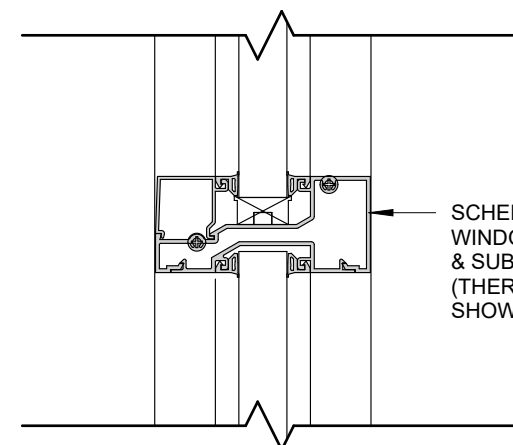
WINDOW (W2) ELEVATION  
3/4" = 1'-0"

GRAHAM GT2200 SERIES THERMALLY BROKEN ALUMINUM HUNG WINDOW SYSTEM (OR EQ.), WITH SIMULATED-DIVIDED-LITE MUNTINS. PROVIDE FACTORY-INTEGRATED SECURITY SCREEN AT LOWER LEVEL WINDOW UNITS ONLY.

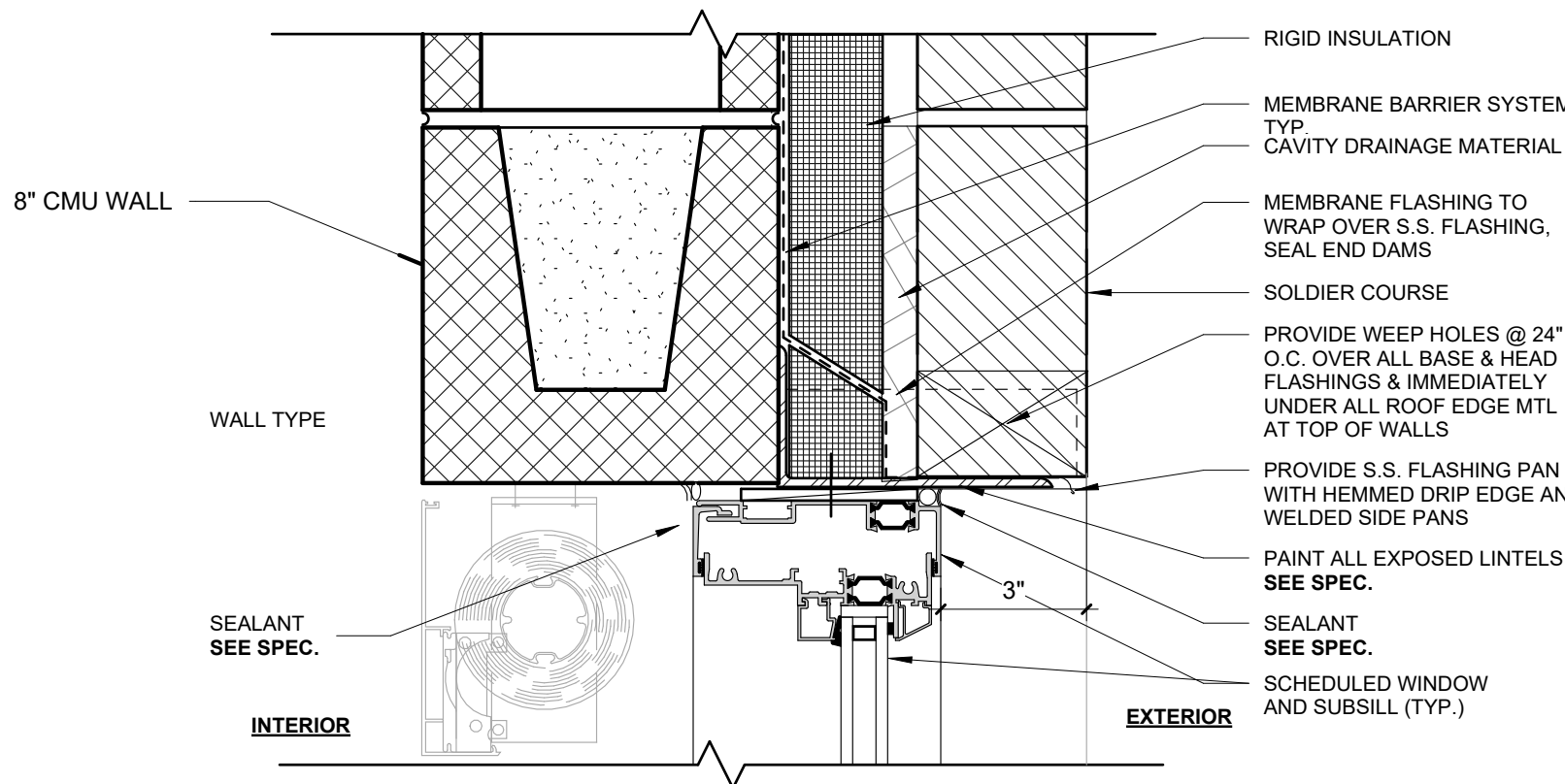


TYPICAL VERT. MULLION PLAN DETAIL

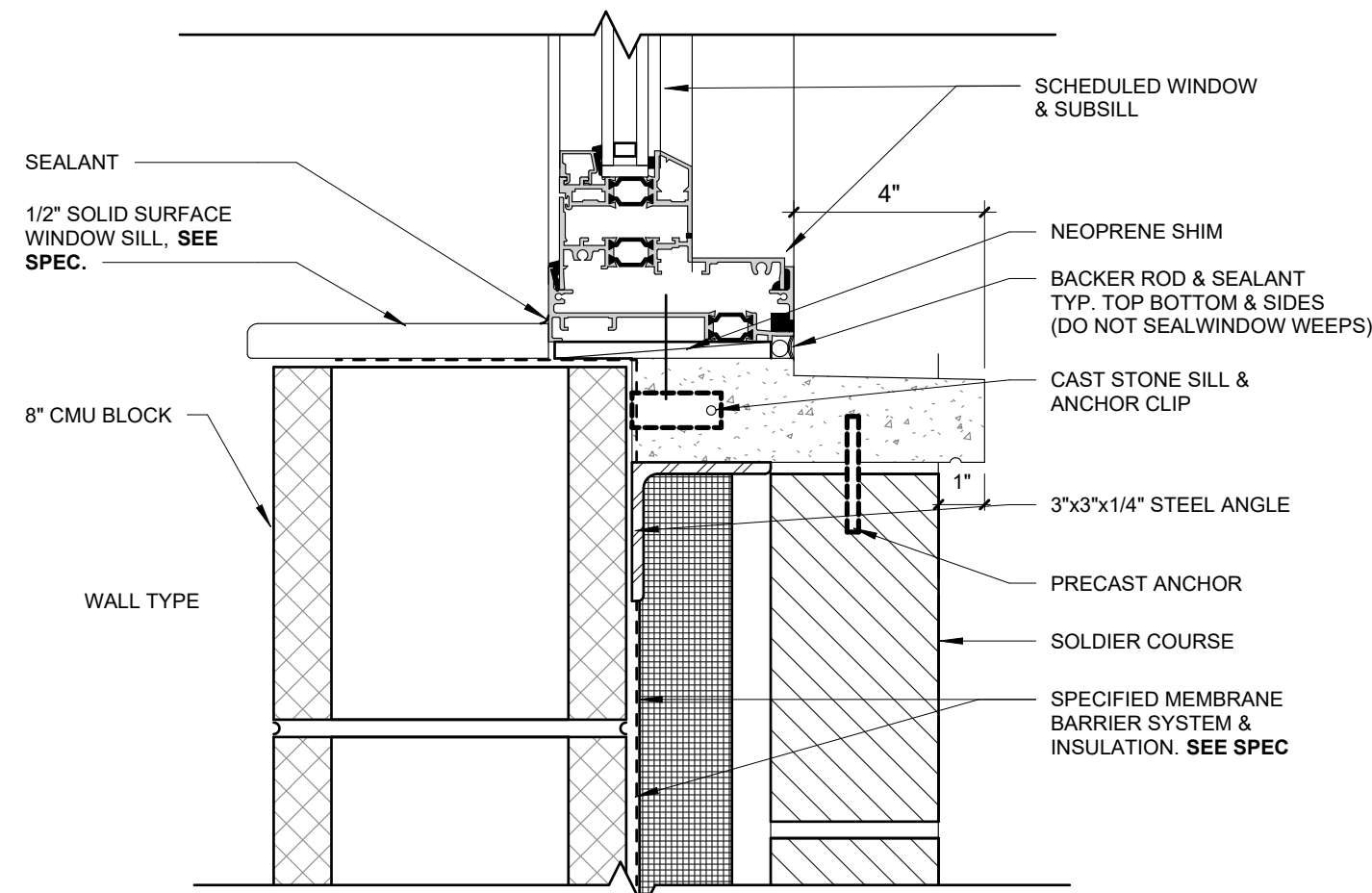
5 TYP. VERTICAL STOREFRONT MULLION PLAN DETIAL  
A6.02 3" = 1'-0"



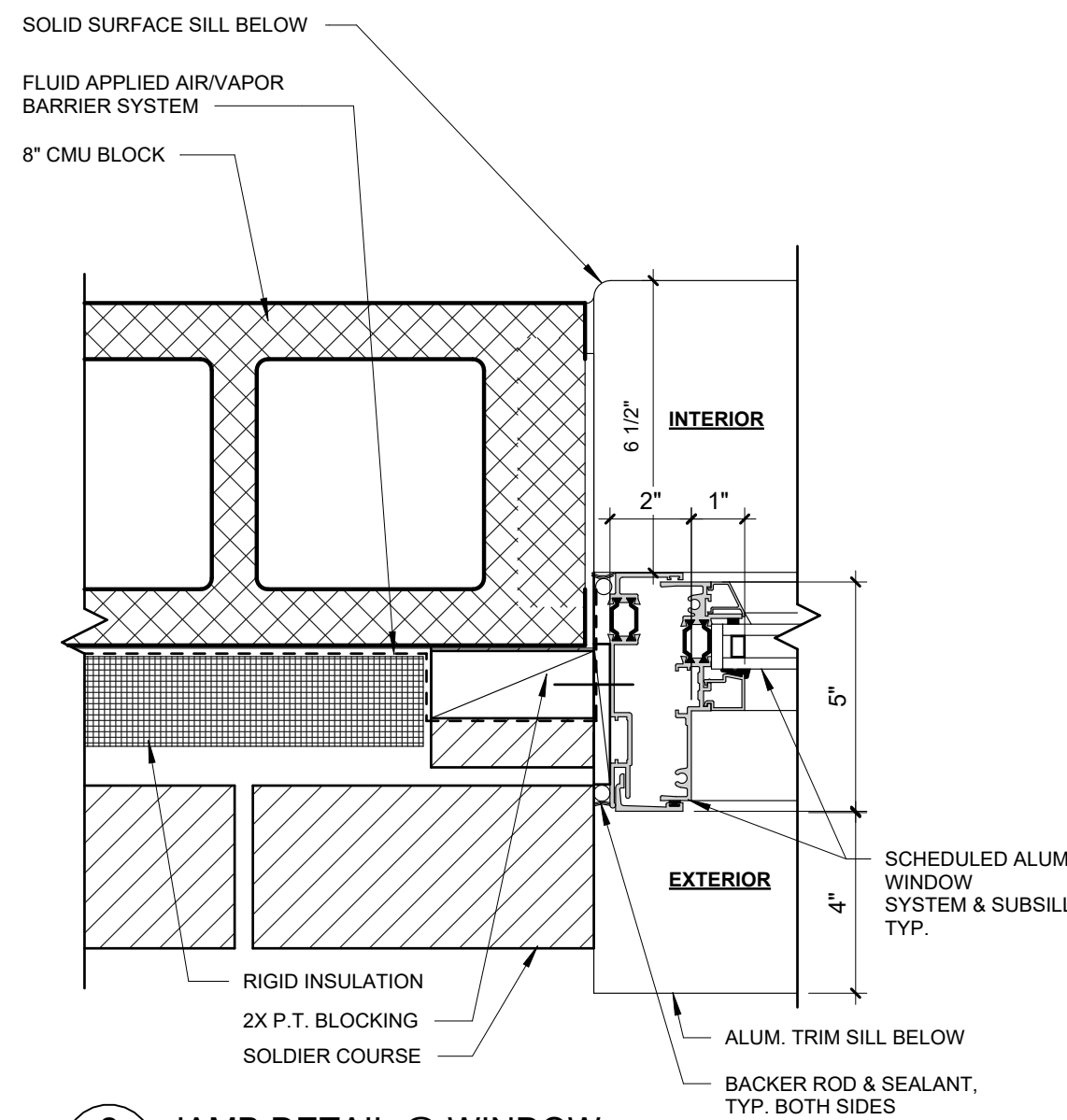
6 STOREFRONT MULLION DETAIL  
A6.02 3" = 1'-0"



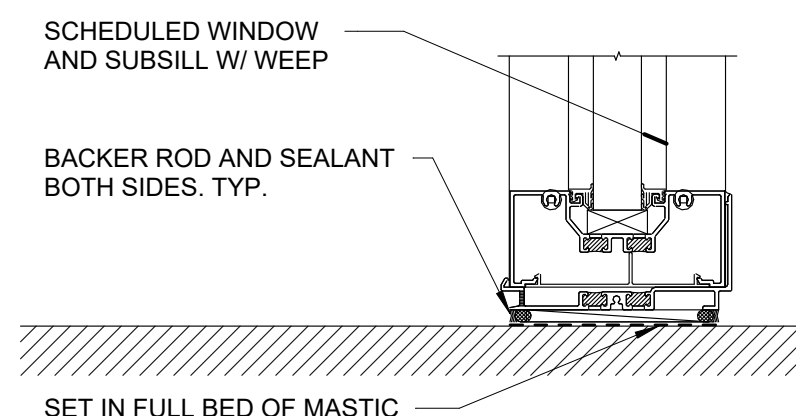
3 HEAD DETAIL @ WINDOW  
A6.02 3" = 1'-0"



4 SILL DETAIL @ WINDOW  
A6.02 3" = 1'-0"

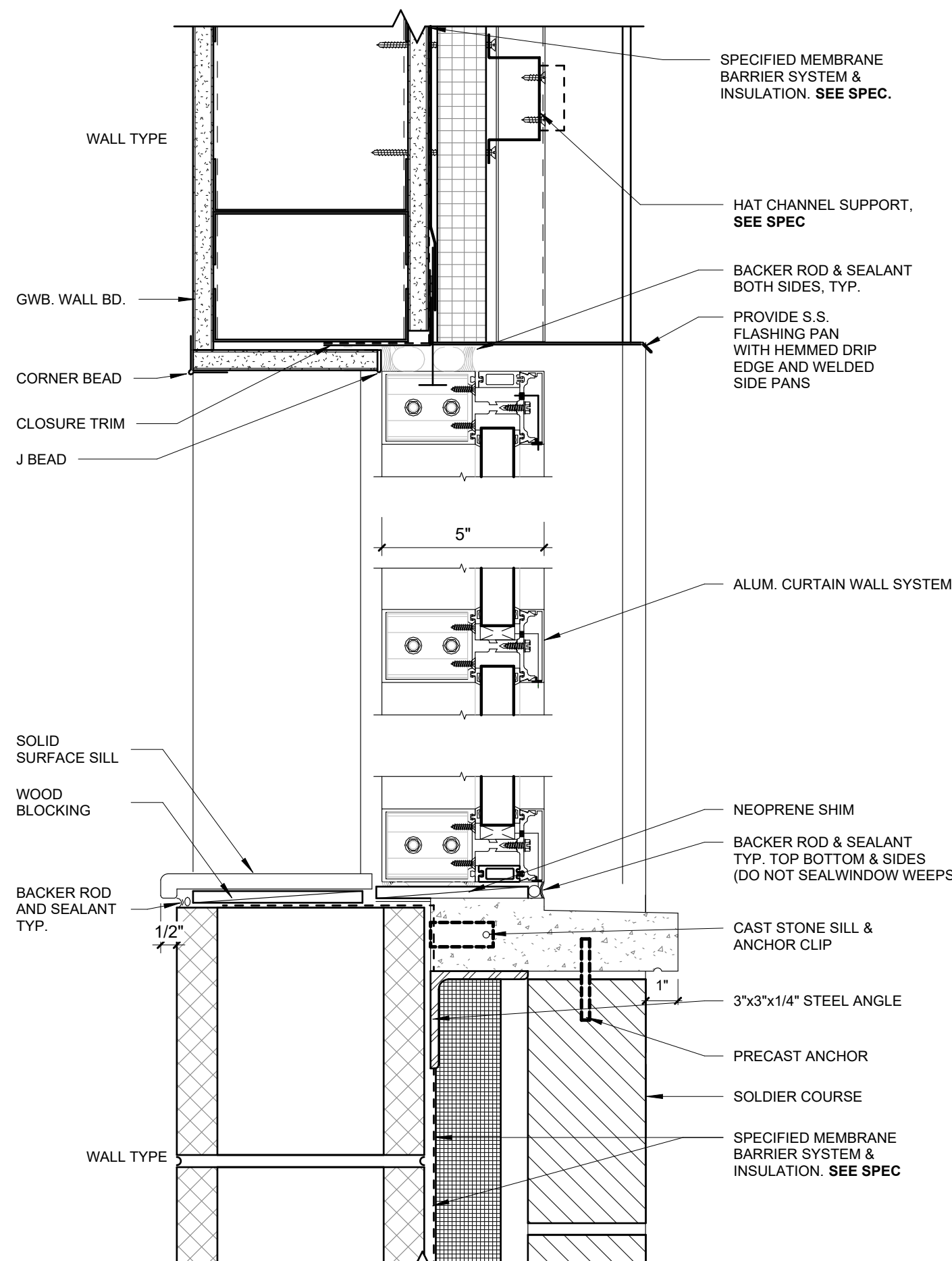


2 JAMB DETAIL @ WINDOW  
A6.02 3" = 1'-0"



TYPICAL INT. S.F. SILL DETAIL (SECTION)

7 TYP. STOREFRONT SILL DETAIL @ GROUND  
A6.02 3" = 1'-0"



8 CURTIAN WALL SYSTEM  
A6.02 3" = 1'-0"

|             |              |
|-------------|--------------|
| Eng'y. Nos. | 24GA27937600 |
| Arch. Nos.  | 21AC00012400 |
| Date        | 08-13-2026   |
| Checked     | TC           |
| Drawn       | TB, KK       |

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT License No. NJ21402016400

|          |             |
|----------|-------------|
| Date     | Description |
| 11/04/25 | BID ISSUE   |

PRELIMINARY  
NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

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1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

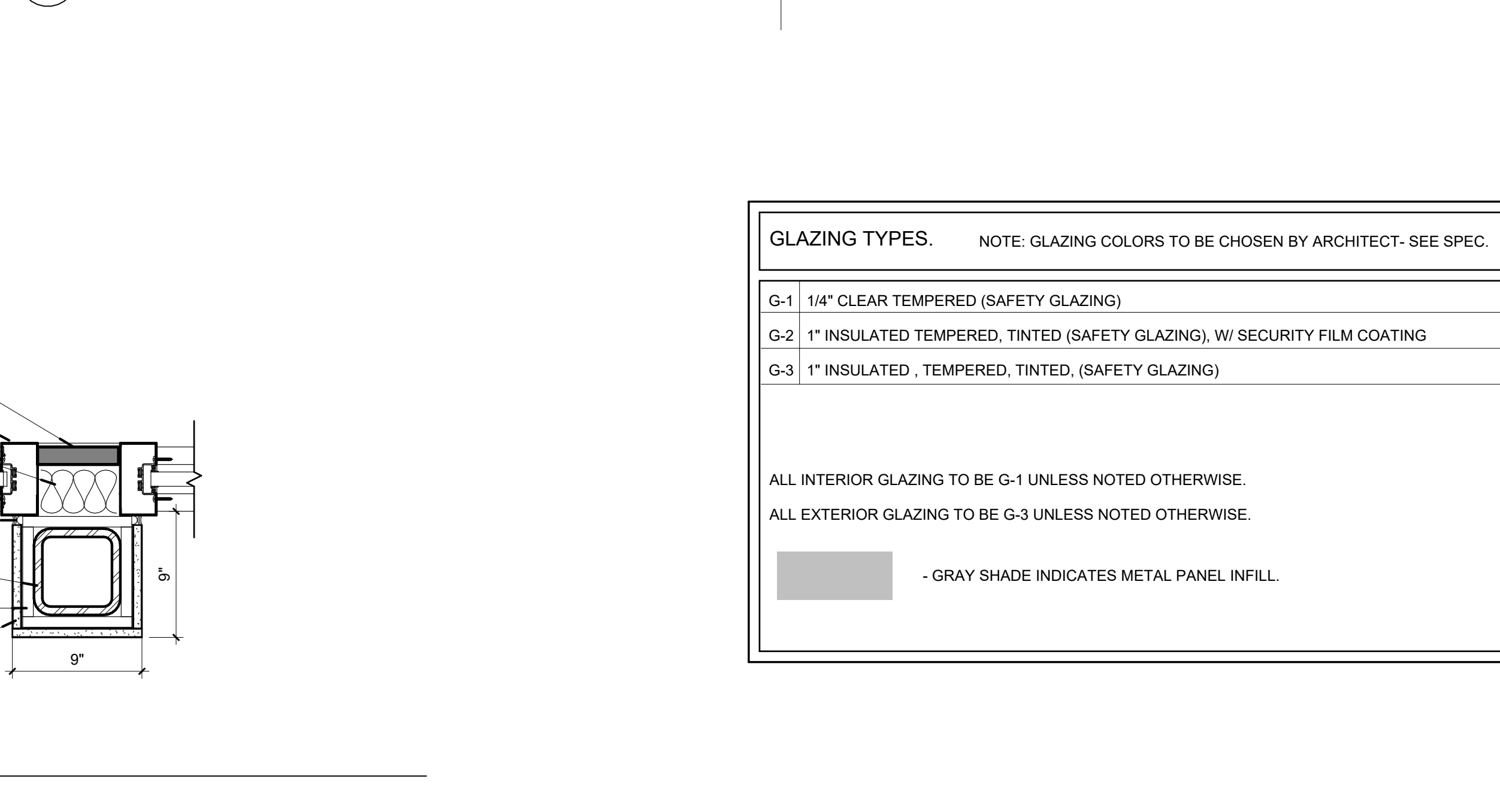
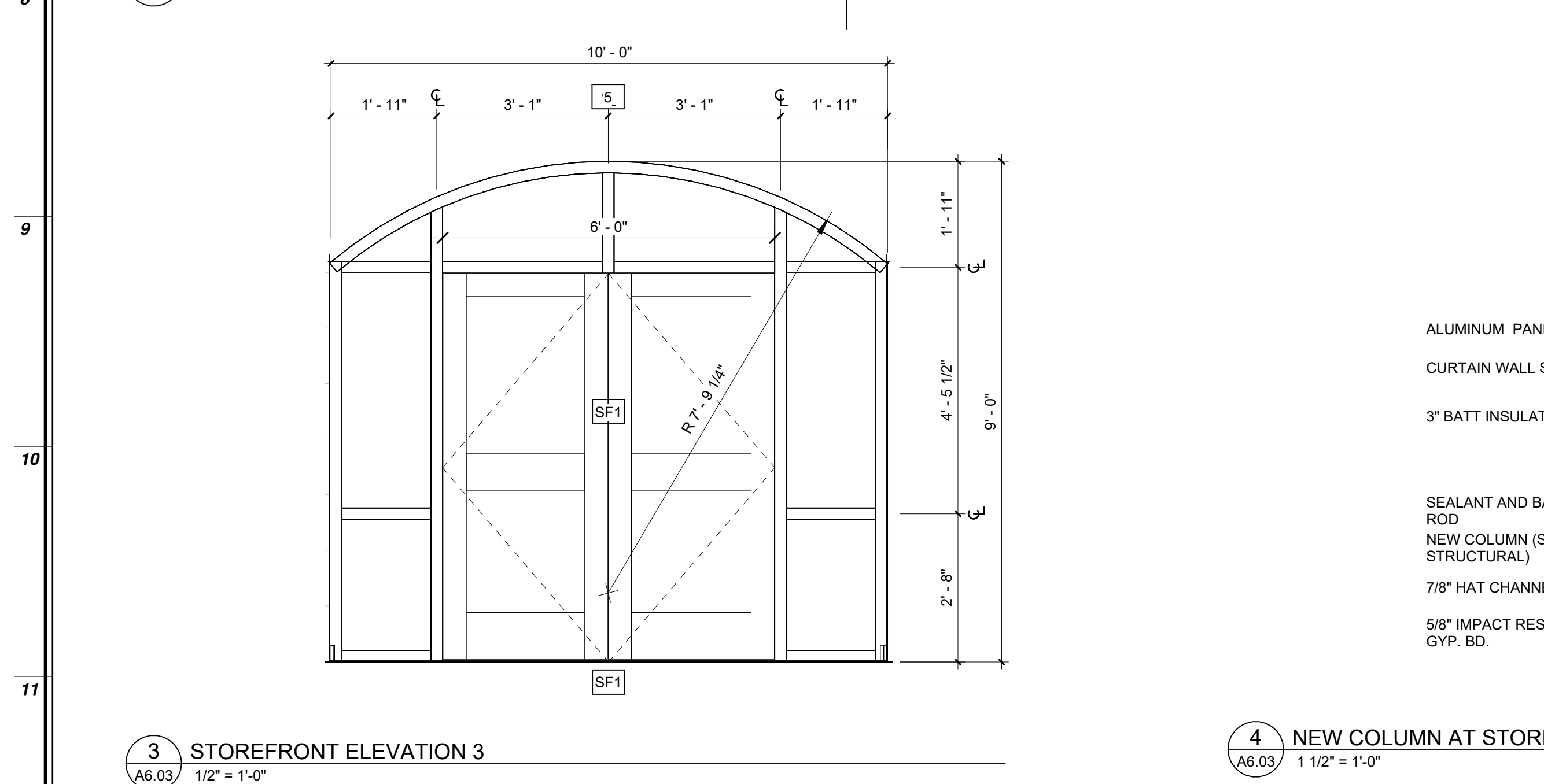
WINDOW & STOREFRONT SCHEDULE, TYPES & DETAILS  
ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No:

A6.02





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UPHOLSTERED BENCH SEAT ASSEMBLY

UPHOLSTERED BENCH SEAT – CORE ASSEMBLY

- SEAT CORE: 3" THICK HIGH-DENSITY FURNITURE-GRADE FOAM CORE, MINIMUM 2.5 LB DENSITY, CONTOURED AS REQUIRED FOR COMFORT.
- SUBFRAME / REMOVABLE TOP: PROVIDE CONCEALED PLYWOOD SUBFRAME (MINIMUM 3/4" EXTERIOR-GRADE OR FURNITURE-GRADE PLYWOOD) SECURED TO BENCH CARCASS WITH CONCEALED MECHANICAL FASTENERS OR CLEATS, DESIGNED TO ALLOW FULL REMOVAL OF UPHOLSTERED SEAT ASSEMBLY FOR MAINTENANCE AND REPLACEMENT.
- SEAT PANEL: FOAM ADHERED TO 3/4" PLYWOOD SEAT PANEL, MECHANICALLY FASTENED TO SUBFRAME. PANEL TO REMAIN REMOVABLE WITHOUT DAMAGE TO FINISH SURFACES.
- UPHOLSTERY: FOAM AND SEAT PANEL FULLY WRAPPED WITH VINYL UPHOLSTERY, NEATLY TAILORED WITH CONCEALED SEAMS; VINYL PULLED TIGHT AND SECURED TO UNDERSIDE OF SEAT PANEL WITH STAINLESS STEEL OR CORROSION-RESISTANT STAPLES.
- EDGE CONDITION: VINYL TO WRAP CONTINUOUSLY OVER TOP AND EDGES WITH NO EXPOSED FASTENERS AT VISIBLE FACES. CORNERS EASED FOR DURABILITY AND USER COMFORT.
- INSTALLATION: SEAT ASSEMBLY TO SIT FLUSH WITH ADJACENT MILLWORK; NO ROCKING, DEFLECTION, OR VISIBLE GAPS.

SEMI-REMOVABLE UPHOLSTERED BOX CUSHION SEAT

- 3/4" PLYWOOD SUBSTRATE, CUT TO FINAL SEAT DIMENSIONS; EDGES SQUARE AND SMOOTH. SAND ALL FACES PRIOR TO UPHOLSTERY.
- 3" THICK HIGH-DENSITY POLYURETHANE FOAM, SIZED TO MATCH PLYWOOD SUBSTRATE.
- UPHOLSTERY-GRADE ADHESIVE, FULLY BOND FOAM TO PLYWOOD SUBSTRATE. DO NOT ALLOW VOIDS OR FOAM MOVEMENT.
- UPHOLSTERY FABRIC, SELECTED BY ARCHITECT; SEWN TWO-PIECE CONSTRUCTION CONSISTING OF ONE TOP PANEL AND ONE CONTINUOUS SIDE PANEL.
- FRENCH SEAM AT TOP PANEL TO SIDE PANEL CONNECTION; PROVIDE CLEAN, TAILORED EDGE SUITABLE FOR SEATING APPLICATIONS.
- DOUBLE-STITCHED SEAM AT SIDE PANEL CLOSURE; LOCATE SEAM AT BACK EDGE OF CUSHION.
- SLIP-FITTED FABRIC COVER PULLED TAUT OVER FOAM AND SUBSTRATE; ALIGN SEAMS TRUE AND SQUARE.
- CONCEALED STAPLE ATTACHMENT OF FABRIC TO UNDERSIDE OF PLYWOOD SUBSTRATE; NO EXPOSED FASTENERS, RAW EDGES, OR UNFINISHED FABRIC VISIBLE.
- HOOK-AND-LOOP FASTENER (VELCRO) APPLIED TO UNDERSIDE OF PLYWOOD SUBSTRATE; COORDINATE MATING FASTENER AT BENCH SURFACE TO SECURE CUSHION IN PLACE WHILE ALLOWING REMOVABILITY.
- SEMI-REMOVABLE CUSHION ASSEMBLY; REMOVABLE FOR MAINTENANCE OR REPLACEMENT WITH NO VISIBLE ATTACHMENT HARDWARE AT FINISHED SURFACES.

1 STEPPED SEATING DETAIL

3" = 1'-0"

UPHOLSTERY: BASIS OF DESIGN, "DESIGNTEX" - BEGUILD BY THE WILD. (SEE FLOOR PLAN FINISHES ON SHEET A9.02.

3" HIGH DENSITY FOAM (2.5 LB MIN.)

3/4" PLYWOOD SEAT PANEL

SUB-FRAME WITH CLEATS

STEEL STUDS, 20 G.A. @ 24" O.C.

ROUNDED EDGE, 1" DIA.

3 3/4"

1" - 5"

LAMINATE, OVER, (2) LAYERS OF 1/4" PLYWOOD. (SEE FLOOR FINISHES ON SHEET 29.02 FOR LAMINATE TYPES)

1"

2 FAUX TREE & STEPPED SEATING SECTION

1" = 1'-0"

SCHEDULED CEILING

LATERAL BRACING AS REQ'D

3 5/8" MTL. STUD FRAMING

PT-4

3 5/8" MTL. STUD FRAMING

1" - 10" ±

6"

1" - 5"

10' - 5 1/2"

1 TYP

A7.02

9 STEPPED SEATING PLAN DETAIL

1/2" = 1'-0"

UHP-1

UHP-1

UHP-1

R 1'-0 5/8"

R 2'-4 5/8"

R 3'-8 5/8"

1'-4"

1'-4"

2'-0 1/2"

1'-5"

1'-11 1/2"

1'-10 1/2" ±

R 2'-3 5/8"

R 3'-7 5/8"

R 4'-11 5/8"

2'-5 1/2"

2'-0"

2'-0"

2'-0"

2'-0"

2'-0"

16"

16"

25"

2

A7.02

6 STORY COVE SECTION DETAIL

1/2" = 1'-0"

PT-3

UPH-2

4 TYP

A7.02

2'-5"

3'-0"

8'-0"

4'-0"

1'-0"

10 FAUX TREE TRUNK PLAN DETAIL

1 1/2" = 1'-0"

5/8 GYP. BD. W/ APPLIED PEEL AND STICK WALLPAPER WCV-1

1/8" MDF SKIN W/ MULTIPLE STRIPS OF HIGH-PRESSURE LAMINATE ADHESIVE. STAGGER SEAMS BETWEEN LAYERS. PLASTIC LAMINATE PL-1. (SEE FINISHES ON SHEET A9.01)

LATERAL BRACING AS REQUIRED

1/16" CORK UNDERLAYMENT GLUED TO PLYWOOD

(2) LAYERS OF 1/4" BENDING PLYWOOD

3 5/8" VERTICAL MTL. STUDS @ 12" O.C. LIGHT GAUGE (20 GA.) CIRCULAR RING TOP AND BOTTOM RINGS SEGMENTED TRACK

SCHEDULED WALL FRAMING

5/8 GYP. BD. W/ APPLIED PEEL AND STICK WALLPAPER WCV-1

PT-1

PT-3

5 TYP

A7.02

7 CIRCULATION DESK SECTION DETAIL

1/2" = 1'-0"

PT-1

PT-3

5 TYP

A7.02

4 BUILT IN SEATING BENCH DETAIL

3" = 1'-0"

UPHOLSTERY (UPH-2): BASIS OF DESIGN, "DESIGNTEX" - BEGUILD BY THE WILD - TAMARIN (SEE FLOOR PLAN FINISHES ON SHEET A9.02)

3" HIGH DENSITY FOAM (2.5 LB MIN.)

SUB-FRAME WITH CLEATS

ROUNDED EDGE, 1" DIA.

3 3/4"

1" - 4 1/2"

LAMINATE, OVER 3/4" PLYWOOD, & WOOD BLOCKING (SEE FLOOR FINISHES ON SHEET A9.02 FOR LAMINATE TYPES)

3/4" PLYWOOD SEAT PANEL

STEEL STUDS, 20 G.A. @ 24" O.C.

SCH. FLOOR FINISH.

36"

24"

5 BASE & WALL CABINET SECTION (P-LAMINATE)

1" = 1'-0"

PROVIDE BLOCKING & ANCHORAGE FASTENER PER MANUFACTURERS REQUIREMENTS

COUNTERTOP: PARTICLEBOARD CORE WITH GREENGUARD CERTIFIED HGS LAMINATE AND 3MM PVC EDGING

1MM PVC BODY EDGE

3MM PVC DOOR EDGE

SEE DETAIL FOR EDGE PROFILE

5 TYP

A7.03

PULL: SELECT FROM TMI VENDOR STOCK PULL PROGRAM WITH 20 DESIGN AND FINISH OPTIONS

1MM PVC SHELF EDGE (FRONT EDGE ONLY)

CONCEALED 120 DEGREE HINGE

GREENGUARD CERTIFIED VGS LAMINATE BALANCED WITH CLS CABINET LINER

SEPERATE ATTACHED PLYWOOD SUBBASE

REVEAL OVERLAY CABINET'S PLASTIC LAMINATE (TYP)

TRANSPARENT POLYCARBONATE SHELF CLIP

WHITE THERMALLY FUSED MELAMINE LAMINATE INTERIOR

2 x 4 WD. BLKG.

3 TALL CABINET SECTION (P-LAM)

1" = 1'-0"

ALL PANELS: INDUSTRIAL GRADE PARTICLEBOARD CORE (TYP.)

1MM PVC BODY EDGE

3MM PVC DOOR EDGE

1MM PVC SHELF EDGE (FRONT EDGE ONLY)

ADJUSTABLE SHELVES

WHITE THERMALLY FUSED MELAMINE LAMINATE INTERIOR

FIXED HORIZONTAL

PULL: SELECT FROM TMI VENDOR STOCK PULL PROGRAM WITH 20 DESIGN AND FINISH OPTIONS

GREENGUARD CERTIFIED VGS LAMINATE BALANCED WITH CLS CABINET LINER

ADJUSTABLE SHELVES

TRANSPARENT POLYCARBONATE SHELF CLIP

CONCEALED 120 DEGREE HINGE

S2 x 4 WD. BLKG. CHED PLYWOOD SUBBASE

8 TALL TEACHERS WARDROBESECTION (P-LAM)

1" = 1'-0"

PROVIDE BLOCKING & ANCHORAGE FASTENER PER MANUFACTURERS REQUIREMENTS (TYP.)

1MM PVC BODY EDGE

3MM PVC DOOR EDGE

FIXED SHELF, PLASTIC LAMINATE OVER (2) LAYERS PARTICLE BOARD. EXPOSED EDGE TO MATCH, TYP.

1MM PVC SHELF EDGE (FRONT EDGE ONLY)

WHITE THERMALLY FUSED MELAMINE LAMINATE INTERIOR

WALL MOUNTED SATIN CHROME COAT HOOK (2) PER CUBBY

PULL: SELECT FROM TMI VENDOR STOCK PULL PROGRAM WITH 20 DESIGN AND FINISH OPTIONS

GREENGUARD CERTIFIED VGS LAMINATE BALANCED WITH CLS CABINET LINER

FIXED SHELF @ 15" A.F.F.

CONCEALED 120 DEGREE HINGE

SEPERATE ATTACHED PLYWOOD SUBBASE

2 x 4 WD. BLKG.

PLASTIC LAMINATE INTERIOR (TYP)

4'-0"

5'-8"

7'-0"

1'-4"

1'-3"

| SPECIALTY EQUIPMENT CLASSROOMS & COMMON AREAS |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| MARK                                          | DESCRIPTION                                          |
| GB-1                                          | ADA GRAB BARS W/ SAFETY GRIP FINISH (18", 24" & 42") |
| LD-1                                          | ROOF LADDER PTD. STL.                                |
| MB-1                                          | 12'-0" MARKER BOARD                                  |
| MR-1                                          | MIRROR 2'-0" X 3'-0"                                 |
| SB-1                                          | MOBILE SMART BOARD (OFCI)                            |
| SB-2                                          | 4'-0" MARKERBOARD                                    |
| SD-1                                          | SURFACE MOUNTED SOAP DISPENSER                       |
| TB-1                                          | 4'-0" TACK BOARD                                     |
| TD-1                                          | SURFACE MOUNTED TOWEL DISPENSER                      |
| TP3                                           | TWIN JUMBO ROLL TOILET PAPER                         |

| INTERIOR ELEVATION KEYNOTES LEGEND |                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------|
| KEY #                              | DESCRIPTION                                                                              |
| A                                  | WALL BASE (SEE FINISH SCHEDULE)                                                          |
| B                                  | SOLID SURFACE WINDOW SILL(SEE CASEWORK DETAILS AND SECTION 123661)                       |
| C                                  | INTERIOR SIGNAGE (SEE 101423, DOOR SCHEDULE, AND SIGN TYPES)                             |
| D                                  | WINDOW ROLLER SHADES (SEE SECTION 122496)                                                |
| E                                  | PA INTERCOM SPEAKER W/ INTEGRAL CLOCK (SEE ELECTRICAL DRAWINGS)                          |
| F                                  | MECH. EQUIPMENT (SEE MECH. DWGS.)                                                        |
| G                                  | WALL MOUNTED TACK BOARD 4'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD. COORD. W/ OWNER.     |
| H                                  | WALL MOUNTED SMART BOARD 84" OFOI, INSTALL 26" AFF. TO BOTTOM OF BOARD. COORD W/ OWNER.  |
| I                                  | WHITE MARKERBOARD 6'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD.                            |
| J                                  | WALL /FLOOR MOUNTED CASEWORK W/ SOLID DOORS & LOCKS (SEE INTERIOR ELEVATIONS AND DETAILS |
| K                                  | EXPANSION JOINT (SEE ENLARGED DETAILS AND SECTIONS 079010 & 079513)                      |
| L                                  | SECURITY EQUIPMENT (SEE ELECTRICAL & LOW VOLTAGE DRAWINGS)                               |

NJ Certificate of Authorization

Eng'y. Nos. 24GA27937660

Arch. Nos. 21AC00012400

Date 8/13/2026

Checked -

Drawn TB, AF

JEFFREY POTTER, R.A.

JEFFREY POTTER, R.A.

REGISTERED ARCHITECT

License No. NJ21402016400

Date 08/13/26

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering, Planning, Architecture, Surveying Inc.

LAN ASSOCIATES

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

INTERIOR ELEVATIONS - ADDITION

ALTERATIONS & ADDITIONS TO J. RITHIAN TATEM ELEM. SCHOOL

HADDONFIELD BOARD OF EDUCATION

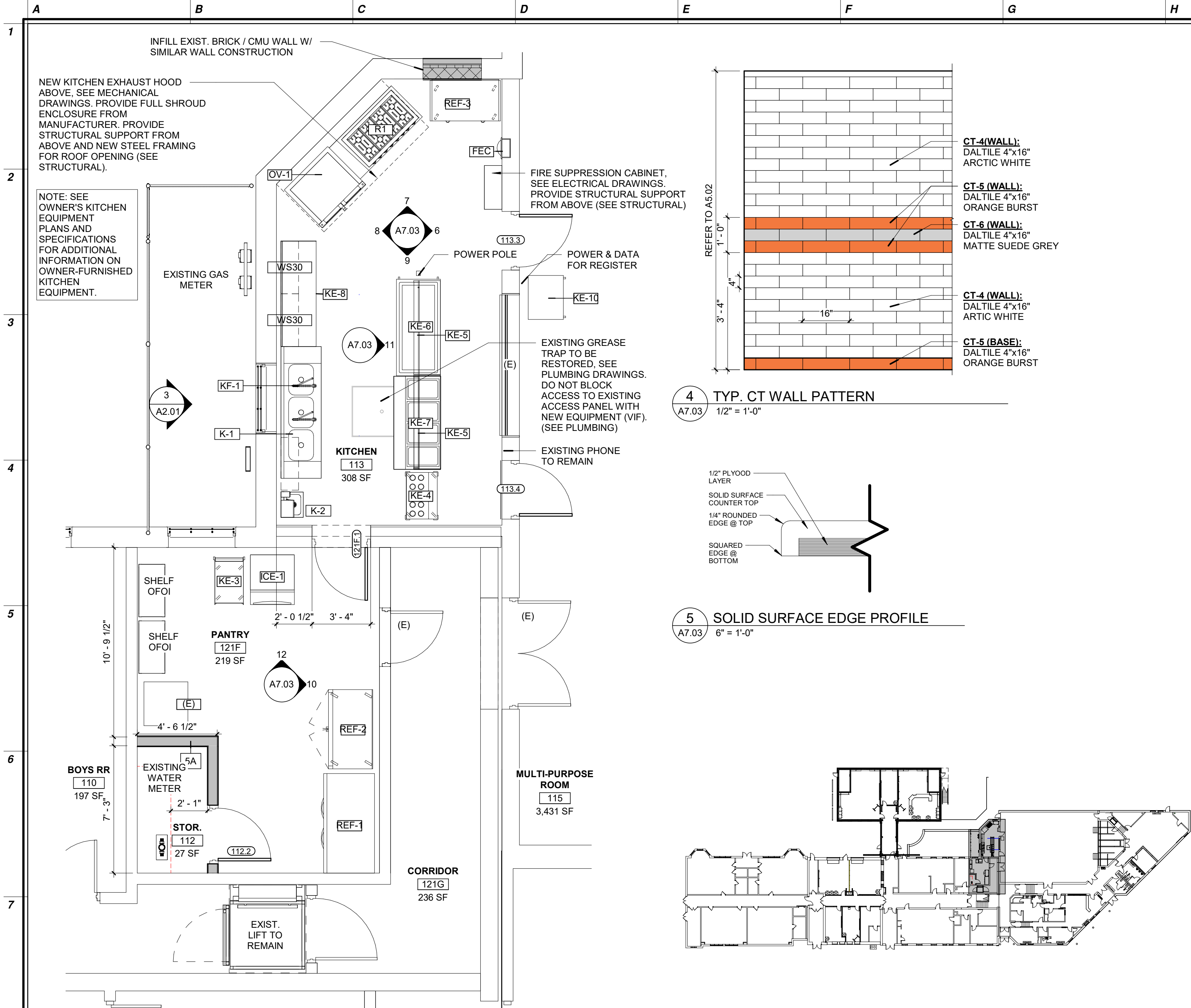
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No.

A7.02





| INTERIOR ELEVATION KEYNOTES LEGEND |                                                                                                 | # | SYMBOL INDICATES CONST. KEY NOTE |
|------------------------------------|-------------------------------------------------------------------------------------------------|---|----------------------------------|
| KEY #                              | DESCRIPTION                                                                                     |   |                                  |
| A                                  | WALL BASE (SEE FINISH SCHEDULE)                                                                 |   |                                  |
| B                                  | SOLID SURFACE WINDOW SILL(SEE CASEWORK DETAILS AND SECTION 123661)                              |   |                                  |
| C                                  | INTERIOR SIGNAGE (SEE 101423, DOOR SCHEDULE, AND SIGN TYPES)                                    |   |                                  |
| D                                  | WINDOW ROLLER SHADES (SEE SECTION 122496)                                                       |   |                                  |
| E                                  | PA INTERCOM SPEAKER W/ INTEGRAL CLOCK (SEE ELECTRICAL DRAWINGS)                                 |   |                                  |
| F                                  | MECH. EQUIPMENT (SEE MECH. DWGS.)                                                               |   |                                  |
| G                                  | WALL MOUNTED TACK BOARD 4'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD. COORDINATE WITH OWNER.      |   |                                  |
| H                                  | WALL MOUNTED SMART BOARD 84": OFOI, INSTALL 26" AFF. TO BOTTOM OF BOARD. COORDINATE WITH OWNER. |   |                                  |
| I                                  | WHITE MARKERBOARD 6'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD.                                   |   |                                  |
| J                                  | WALL /FLOOR MOUNTED CASEWORK W/ SOLID DOORS & LOCKS (SEE INTERIOR ELEVATIONS AND DETAILS)       |   |                                  |
| K                                  | EXPANSION JOINT (SEE ENLARGED DETAILS AND SECTIONS 079010 & 079513)                             |   |                                  |
| L                                  | SECURITY EQUIPMENT (SEE ELECTRICAL & LOW VOLTAGE DRAWINGS)                                      |   |                                  |

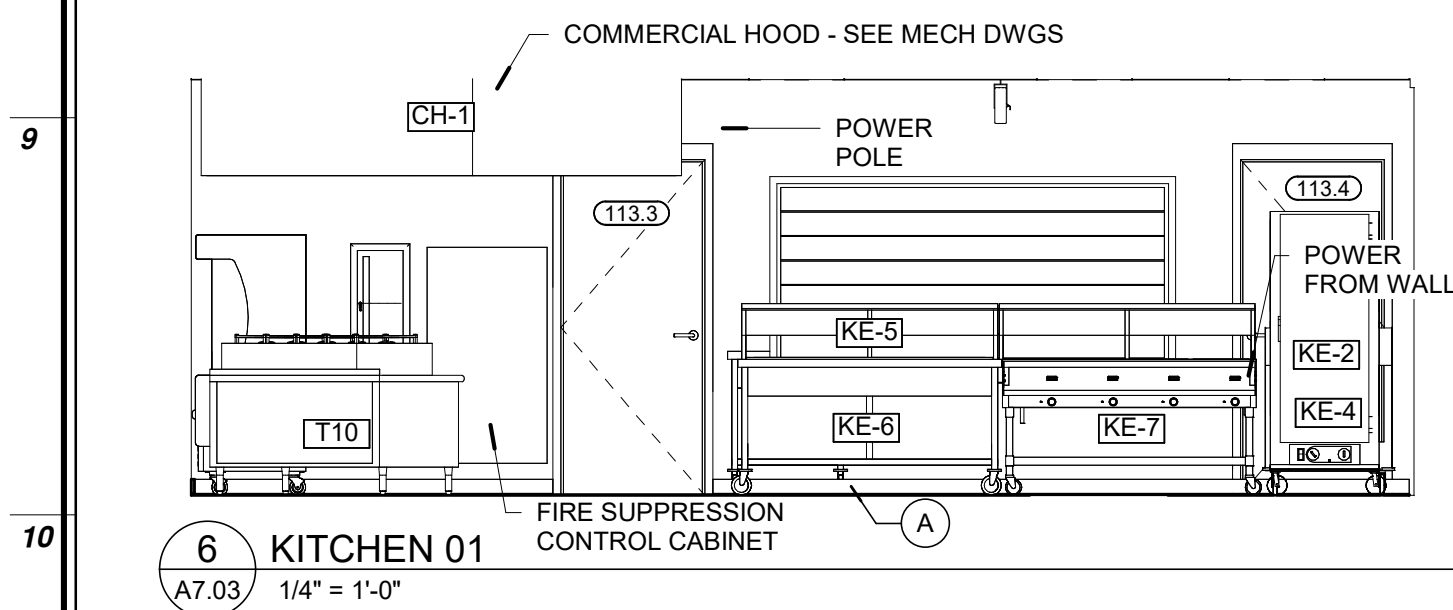
| SPECIALTY EQUIPMENT CLASSROOMS & COMMON AREAS |                                         |                        |           |          |      |
|-----------------------------------------------|-----------------------------------------|------------------------|-----------|----------|------|
| MARK                                          | DESCRIPTION                             | MANUFACTURER           | MODEL     | MATERIAL | TYPE |
| <varies>                                      | <varies>                                | <varies>               | <varies>  |          |      |
| FEC                                           | FIRE EXTINGUISHER CABINET SEMI RECESSED | JL INDUSTRIES OR EQUAL | 1026      |          | -    |
| MB-1                                          | 12'-0" MARKERBOARD                      | -                      |           |          |      |
| MB-2                                          | 8'-0" MARKERBOARD                       | -                      |           |          |      |
| MB-3                                          | 4'-0" MARKERBOARD                       | -                      |           |          |      |
| SC-1                                          | SECURITY CAMERA                         |                        |           |          |      |
| T10                                           | Worktable, Enclosed Base                | Advance Tabco          | EF-SS-308 |          |      |
| TB-1                                          | 4'-0" TACK BOARD                        | -                      |           |          |      |
| WT-2                                          | Work Table w/ Maple Top                 | AERO Manufacturing     | MTG-3072  |          |      |
| WT-3                                          | Work Table w/ Maple Top                 | AERO Manufacturing     | MTG-3072  |          |      |

| PLAN KEY NOTES LEGEND |                                                                                                                                                                      | # | SYMBOL INDICATES CONST. KEY NOTE |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------|
| KEY #                 | DESCRIPTION                                                                                                                                                          |   |                                  |
| 1                     | LOOSE FURNITURE, TYP. (OFOI)                                                                                                                                         |   |                                  |
| 2                     | FOLDING PARTITION ON TRACK SYSTEM. SEE RCP, ENLARGED DETAILS AND STRUCTURAL FOR SUPPORT DETAILS ON SHEET A4.04.                                                      |   |                                  |
| 3                     | CASEWORK TEACHER'S WARDROBE (SEE CASEWORK DETAIL 8/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                           |   |                                  |
| 4                     | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                                 |   |                                  |
| 5                     | CONTRACTOR TO VERIFY IN FIELD LOCATION OF NEW WALL, TO INTERSECT A SOLID WALL AND AVOID A WINDOW.                                                                    |   |                                  |
| 6                     | ALIGN SURFACE OF NEW WALL WITH EXISTING HALF WALL SURFACE.                                                                                                           |   |                                  |
| 7                     | EXISTING INCOMING GAS SERVICE ENTRY POINT WITH FENCED-IN ENCLOSURE. SEE MEP AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.                                           |   |                                  |
| 8                     | FOOD SERVICE EQUIPMENT - OFCI. SEE A7.03 AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.                                                                                |   |                                  |
| 9                     | NEW ROOFTOP MECHANICAL EQUIPMENT AND ALUMINUM GUARDRAIL AT EXISTING ROOF - PATCH ROOF AND PROVIDE ALL REQUIRED CURBS AND FLASHINGS. SEE MEP AND STRUCTURAL DRAWINGS. |   |                                  |
| 10                    | NEW WALL MOUNTED GALV. STEEL LADDER FOR KITCHEN ROOF ACCESS                                                                                                          |   |                                  |
| 11                    | PROVIDE WINDOW SHADES - TYPICAL AT ALL NEW WINDOWS U.O.N.                                                                                                            |   |                                  |
| 12                    | ALUMINUM SAFETY GUARDRAIL, MIN 42" HT. BOD: KEE SAFETY KEE GUARD GUARDRAIL, NON ROOF PENETRATING.                                                                    |   |                                  |
| 13                    | PATCH AND REPAIR EXISTING ROOF SYSTEM AS REQUIRED FOLLOWING KITCHEN MECH. EQUIPMENT INSTALLATION                                                                     |   |                                  |
| 14                    | PATCH AND REPAIR FLOOR AND WALL FINISHES TO MATCH EXISTING ADJACENT FLOORING AND PAINT FOLLOWING REMOVAL OF EXISTING UNIT VENTILATOR. SEE MECHANICAL DRAWINGS.       |   |                                  |

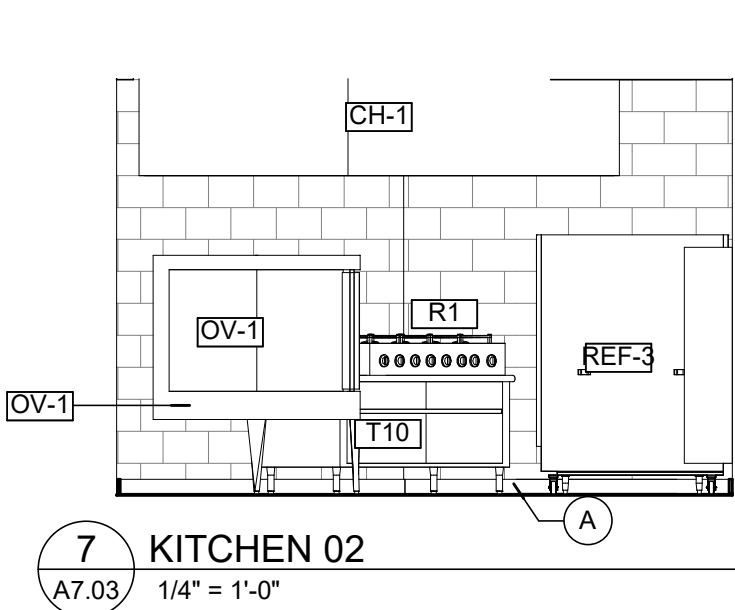
| FINISH LEGEND |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABBREV.       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PT-X          | <b>PAIN (INTERIOR) "SHERWIN WILLIAMS" OR APP. EQ</b><br><b>ALL COLORS SELECTED BY ARCHITECT</b><br><br>PT-1: GREEK VILLA - SW 7551<br>PT-2: MANITOU BLUE - SW 6501<br>PT-3: ECO GREEN - SW 6739<br>PT-4: DANCING GREEN - SW 6716<br>PT-5: OSAGE ORANGE - SW 6890<br>PT-6: BLUSHING - SW 6617<br>PT-7: FLAM - SW 6652<br>PT-8: SUNNY VERANDA - SW 9017<br>PT-9: KALE GREEN - SW 6460<br>PT-10: HAVEN - 6437<br>PT-11: FOUNTAIN - 6787<br>PT-12: GYPSUM CEILING - GREEK VILLA - SW 7551<br>PT-13: EXPOSED CEILING - IRON ORE - SW 7069<br>PT-14: HM METAL FRAME<br>PT-15: SIMPLE WHITE - SW 7021<br>PT-E: MATCH EXISTING PAINT<br>SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION                                                                                                                                                                                                                                                                                           |
| VCT-X         | <b>VINYL COMPOSITE TILE - SEE SPEC.</b><br>VCT-1: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "LEMON YELLOW"<br>VCT-2: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "BLUE DREAMS"<br>VCT-3: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "GENTIAN BLUE"<br>VCT-4: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "BRUSHED SAND"<br>VCT-5: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "LITTLE GREEN APPLE"<br>VCT-6: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "GREENERY"<br>VCT-7: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "ANTIQUE WHITE"<br>VCT-8: 'STANDARD EXCELON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "CANTALOUPE" |
| CPT-X         | <b>*CARPET TILES &amp; PLANKS - SEE SPEC.</b><br>CPT-1: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "RADIANT NATURE"<br>CPT-2: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 9"x36", 2.5MM; COLOR "WARMTH"<br>CPT-3: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "GREENERY"<br>CPT-4: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "RAINSTORM"<br>CPT-5: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "TURQUOISE"<br>CPT-6: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "GOLD"<br>CPT-7: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "FOREST"<br>CPT-8: 'ALIGNMENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "CONNECTED TURQUOISE"<br>CPT-9: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "COBALT"                                                                                                                 |
| CT-X          | <b>*CERAMIC TILE -SEE SPEC.</b><br>CT-1: 'CENTRAL' BY SHAW CONTRACT OR EQUAL; 12"x24", 8MM; COLOR "REST"<br>CT-2: 'LUNAR MANTLE' BY SHAW CONTRACT OR EQUAL; 24"x24", 8MM; COLOR "INK"<br>CT-3: 'KEYSTONE' BY DALTILE OR EQUAL; 1"x1", .25"; COLOR "OLIVE BLEND"<br>CT-4: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR "ARCTIC WHITE"<br>CT-5: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR "ORANGE BURST"<br>CT-6: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR "MATTE SUEDE GREY"                                                                                                                                                                                                                                                                                                                                                                                                                                |
| EXP-X         | EXP-1: EXPOSED MTL DECK<br>EXP-2: EXPOSED MTL DECK - PAINTED<br>EXP-3: EXPOSED, PREFINISHED ARCHITECTURAL ACOUSTIC METAL DECKING - SEE STRUC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ACT-X         | <b>*ACOUSTIC CEILING TILE - SEE A5.01/A5.02 &amp; SPEC.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| FCB FL        | FELT CONTOUR BAFFLE - SEE A5.02 & PROJECT MANUAL SECTION 098413<br>FELT LINEAR PANEL - SEE A5.02 & PROJECT MANUAL SECTION 098413                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RWB-X         | <b>*RUBBER WALL BASE -SEE SPEC.</b><br>RWB-1: SHAW CONTRACT; 4" HIGH, COLOR "EARTHEN"<br>RWB-2: SHAW CONTRACT; 4" HIGH, COLOR "NIGHT"<br>RWB-3: JOHNSONITE; 4" HIGH, COLOR "GEOKO"<br>RWB-4: JOHNSONITE; 4" HIGH, COLOR "NAVY BLUE"<br>RWB-5: JOHNSONITE; 4" HIGH, COLOR "PEBBLE WG"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PL-X          | <b>PLASTIC LAMINATE</b><br>PL-1: WILSONART; COLOR "BLOND ECHO"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| EPX-X         | EPOXY POURED RESINOUS FLOORING W/ INTERGRAL BASE - SEE 096723.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONC-S        | CONCRETE SEALED (SEE 099000 - INTERIOR PAINTING)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UPH-X         | UPH-1: DESIGN TEX; BEGUILD BY THE WILD, COLOR "MACAW"<br>UPH-2: DESIGN TEX; BEGUILD BY THE WILD, COLOR "TAMARIN"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| WCV-X         | <b>VINYL WALL COVERING</b><br>WCV-1: WALLISM; PEEL AND STICK WALLPAPER, PRINT "FOREST WILDLIFE"<br>WCV-2: CUSTOM VINYL WALL GRAPHIC, OWNER-PROVIDED IMAGE (SEE 097200)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SS-X          | SS-1: FORMICA; EVERMORE SOLID SURFACE, COLOR "TUMBLLED GLASS"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

1 PROPOSED KITCHEN PLAN  
A7.03 1/4" = 1'-0"

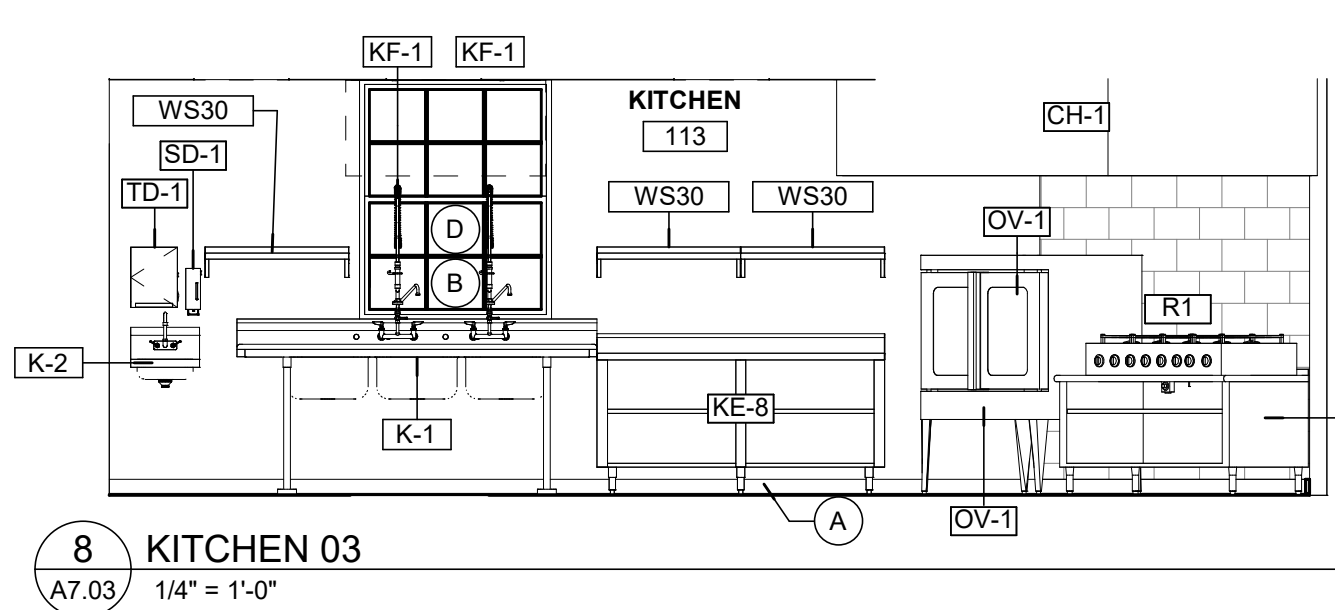
2 KEY PLAN  
A7.03 1" = 50'-0"



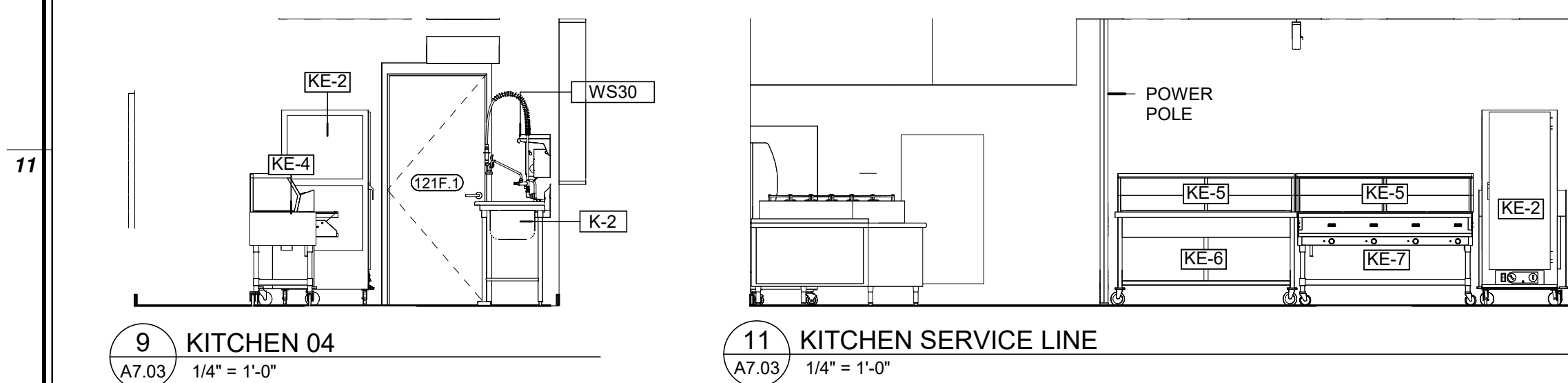
6 KITCHEN 01  
A7.03 1/4" = 1'-0"



7 KITCHEN 02  
A7.03 1/4" = 1'-0"

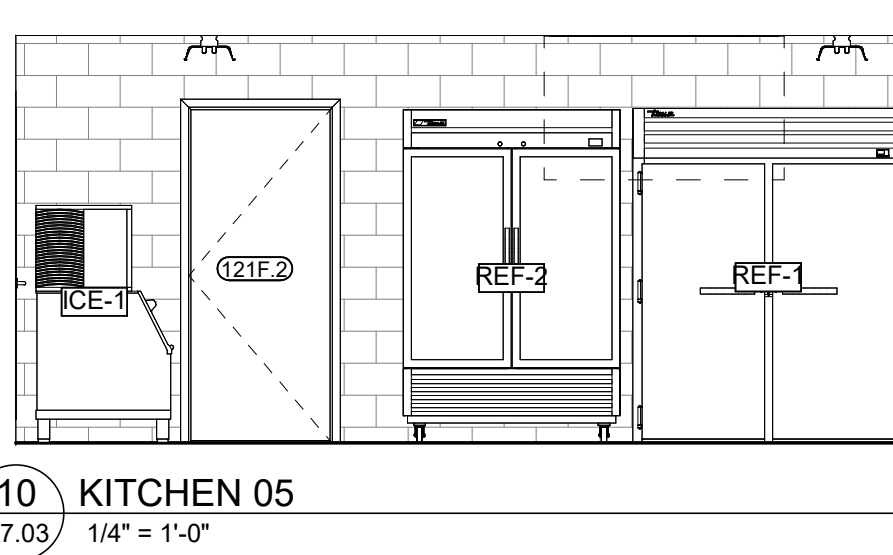


8 KITCHEN 03  
A7.03 1/4" = 1'-0"

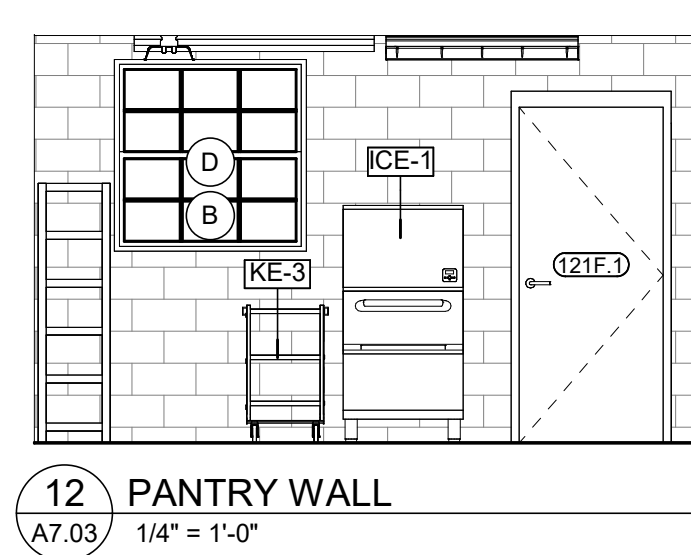


9 KITCHEN 04  
A7.03 1/4" = 1'-0"

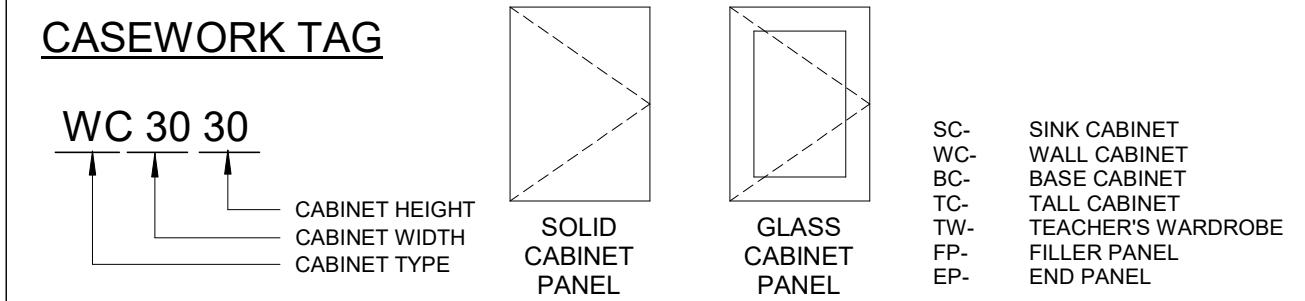
11 KITCHEN SERVICE LINE  
A7.03 1/4" = 1'-0"



10 KITCHEN 05  
A7.03 1/4" = 1'-0"



12 PANTRY WALL  
A7.03 1/4" = 1'-0"



| KITCHEN ACCESSORIES LEGEND |                                 |                  |        |                 |      |
|----------------------------|---------------------------------|------------------|--------|-----------------|------|
| MARK                       | DESCRIPTION                     | MANUFACTURER     | MODEL  | MATERIAL        | TYPE |
| SD-1                       | SURFACE MOUNTED SOAP DISPENSER  | -                | -      | PLASTIC         | OFCI |
| TD-1                       | SURFACE MOUNTED TOWEL DISPENSER | BOBRICK OR EQUAL | B-2860 | STAINLESS STEEL | G.C. |

| FOOD SERVICE PLUMBING EQUIPMENT (SEE PLUMBING) |                                                   |             |                        |                 |          |
|------------------------------------------------|---------------------------------------------------|-------------|------------------------|-----------------|----------|
| MARK                                           | DESCRIPTION                                       | MODEL       | MANUFACTURER           | MATERIAL        | COMMENTS |
| K-1                                            | THREE BOWL SINK 103"W X 27"D 20" X 20" X 14" DEEP | S14-20-3-18 | EAGLE OR EQUAL         | STAINLESS STEEL |          |
| K-2                                            | HAND SINK WALL 14"                                | 7-PS-60     | ADVANCE TABCO OR EQUAL | STAINLESS STEEL |          |
| KF-1                                           | MIXING FAUCET                                     | W/ SINK     | ADVANCE TABCO OR EQUAL | STAINLESS STEEL |          |

NU Certificate of Authorization

Engr. Nos. 24GA27837800

Arch. Nos. 21AC00012400

Date 08-13-2026

Checked TC

Drawn TB, KK

JEFFREY POTTER, R.A.

Thru REGISTERED ARCHITECT License No. NJ21A02015400

Date 11/04/25

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering, Planning, Architecture, Surveying Inc.

**LAN ASSOCIATES**

1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

ENLARGED PLANS AND ELEVATIONS - KITCHEN / PANTRY

ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEMENTARY SCHOOL

HADDONFIELD BOARD OF EDUCATION

1 GLOVER AVE. HADDONFIELD, NJ 08043

Job No. 2.20277.25.10

File No.

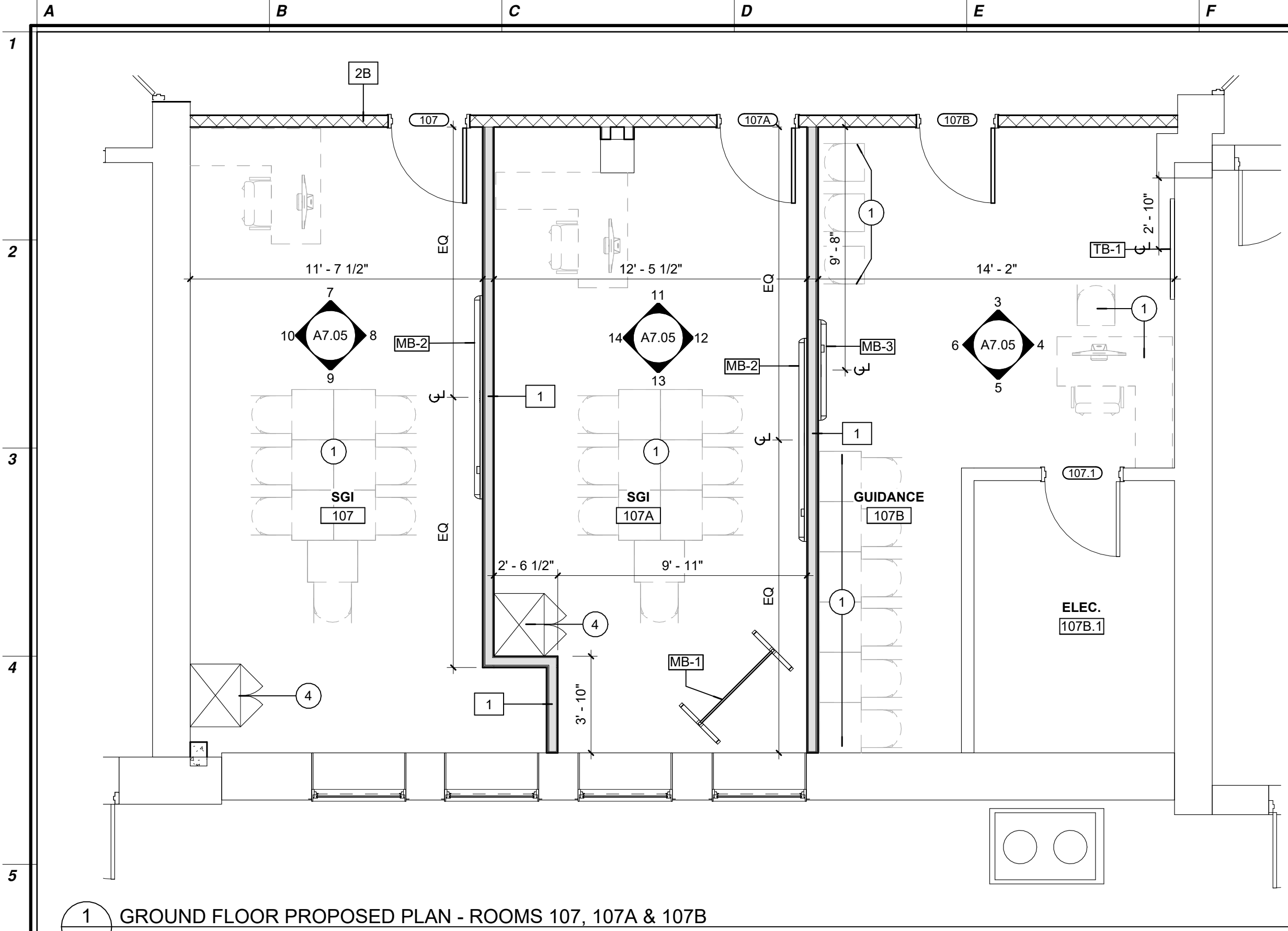
**A7.03**



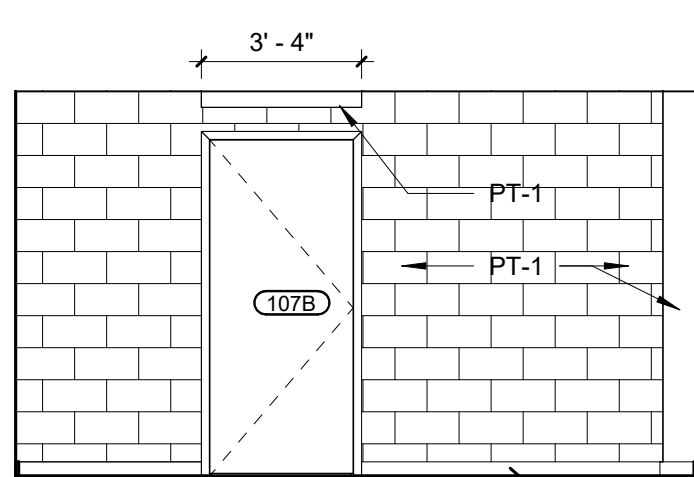
2 KEY PLAN  
A7.04 1" = 50'-0"

| PLAN KEY NOTES LEGEND |                                                                                                                                                                      |  SYMBOL INDICATES<br>CONST. KEY NOTE |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| KEY #                 | DESCRIPTION                                                                                                                                                          |                                                                                                                         |
| 1                     | LOOSE FURNITURE, TYP. (FOFI)                                                                                                                                         |                                                                                                                         |
| 2                     | FOLDING PARTITION ON TRACK SYSTEM. SEE RCP, ENLARGED DETAILS AND STRUCTURAL FOR SUPPORT DETAILS ON SHEET A4.04.                                                      |                                                                                                                         |
| 3                     | CASEWORK TEACHER'S WARDROBE (SEE CASEWORK DETAIL 8/A/02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                            |                                                                                                                         |
| 4                     | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/A/02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                                  |                                                                                                                         |
| 5                     | CONTRACTOR TO VERIFY IN FIELD LOCATION OF NEW WALL, TO INTERSECT A SOLID WALL AND AVOID A WINDOW.                                                                    |                                                                                                                         |
| 6                     | ALIGN SURFACE OF NEW WALL WITH EXISTING HALF WALL SURFACE.                                                                                                           |                                                                                                                         |
| 7                     | EXISTING INCOMING GAS SERVICE ENTRY POINT WITH FENCED-IN ENCLOSURE. SEE MEP AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.                                           |                                                                                                                         |
| 8                     | FOOD SERVICE EQUIPMENT - OFCI. SEE A7.03 AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.                                                                                |                                                                                                                         |
| 9                     | NEW ROOFTOP MECHANICAL EQUIPMENT AND ALUMINUM GUARDRAIL AT EXISTING ROOF - PATCH ROOF AND PROVIDE ALL REQUIRED CURBS AND FLASHINGS. SEE MEP AND STRUCTURAL DRAWINGS. |                                                                                                                         |
| 10                    | NEW WALL MOUNTED GALV. STEEL LADDER FOR KITCHEN ROOF ACCESS                                                                                                          |                                                                                                                         |
| 11                    | PROVIDE WINDOW SHADES - TYPICAL AT ALL NEW WINDOWS U.O.N.                                                                                                            |                                                                                                                         |
| 12                    | ALUMINUM SAFETY GUARDRAIL, MIN 42" HT. BOD. KEE SAFETY KEE GUARD GUARDRAIL, NON ROOF PENETRATING.                                                                    |                                                                                                                         |
| 13                    | PATCH AND REPAIR EXISTING ROOF SYSTEM AS REQUIRED FOLLOWING KITCHEN MECH. EQUIPMENT INSTALLATION                                                                     |                                                                                                                         |
| 14                    | PATCH AND REPAIR FLOOR AND WALL FINISHES TO MATCH EXISTING ADJACENT FLOORING AND PAINT FOLLOWING REMOVAL OF EXISTING UNIT VENTILATOR. SEE MECHANICAL DRAWINGS.       |                                                                                                                         |

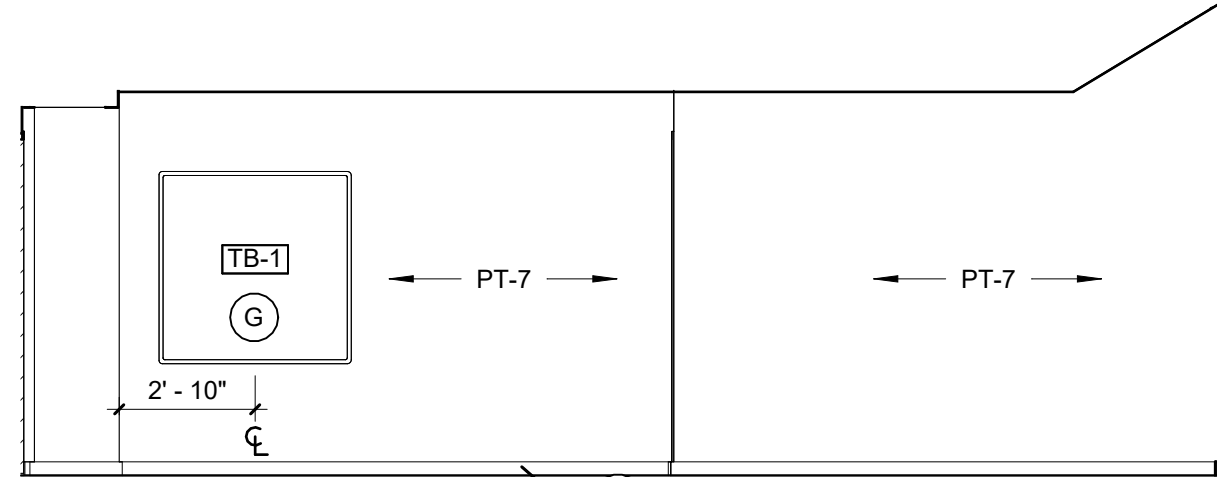




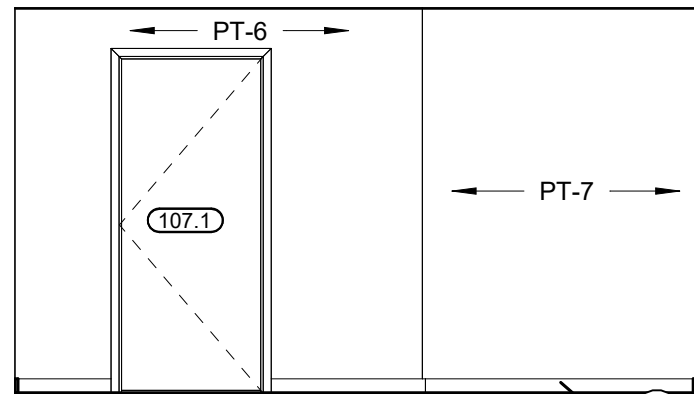
1 GROUND FLOOR PROPOSED PLAN - ROOMS 107, 107A & 107B  
A7.05 1/4" = 1'-0"



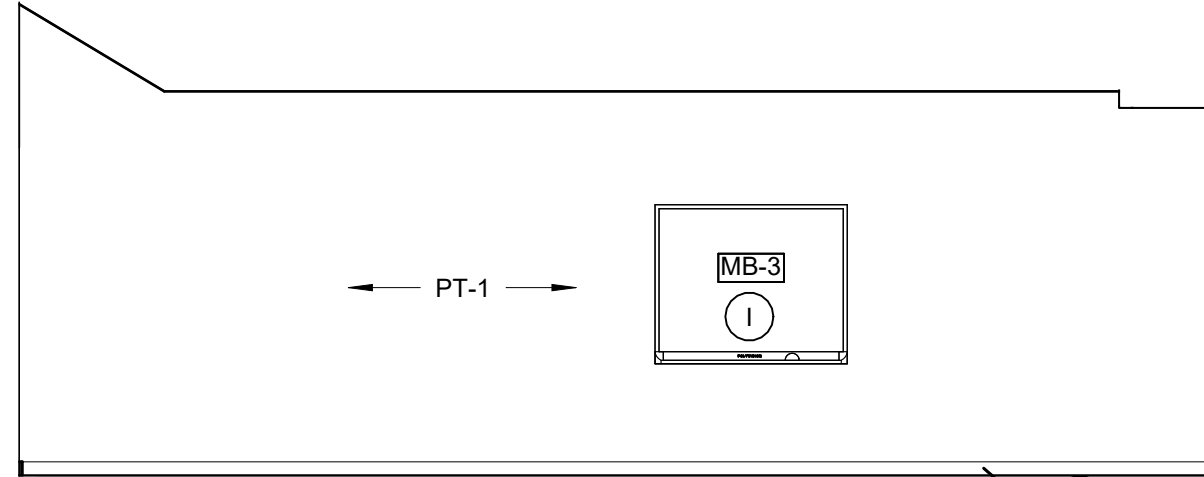
3 GUIDANCE 107B ELEVATION 1  
A7.05 1/4" = 1'-0"



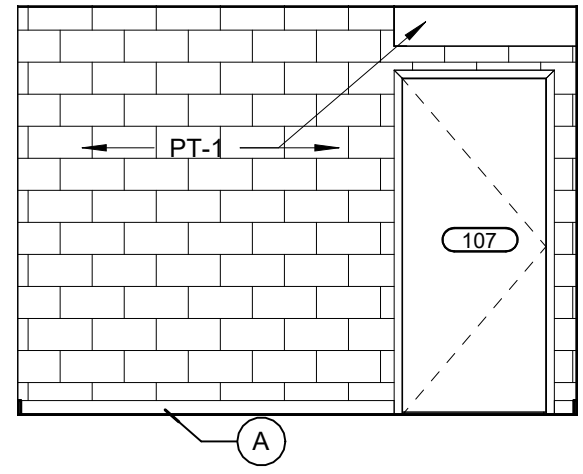
4 GUIDANCE 107B ELEVATION 2  
A7.05 1/4" = 1'-0"



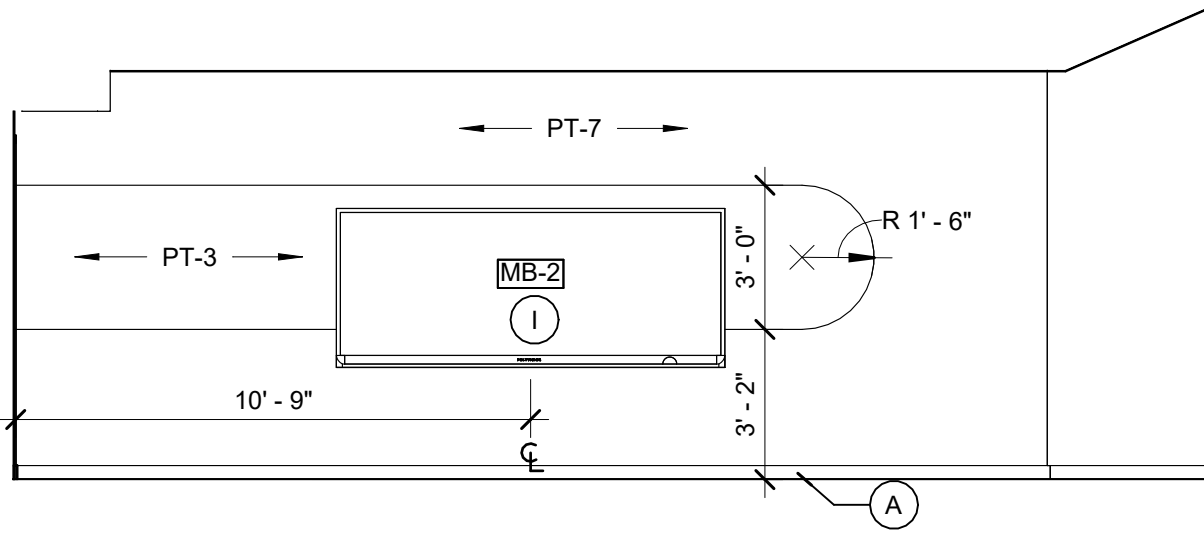
5 GUIDANCE 107B ELEVATION 3  
A7.05 1/4" = 1'-0"



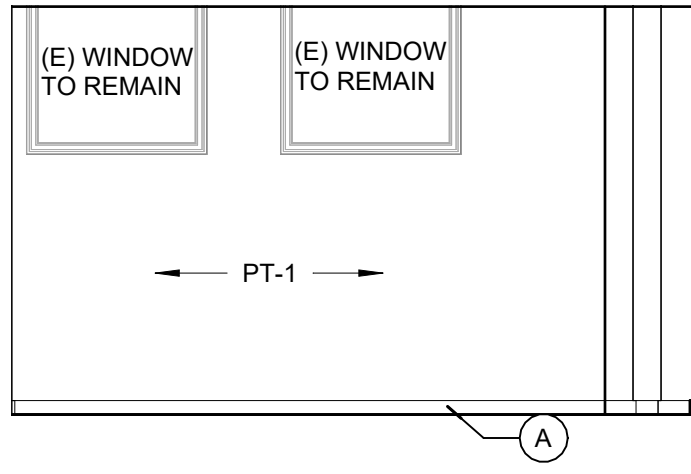
6 GUIDANCE 107B ELEVATION 4  
A7.05 1/4" = 1'-0"



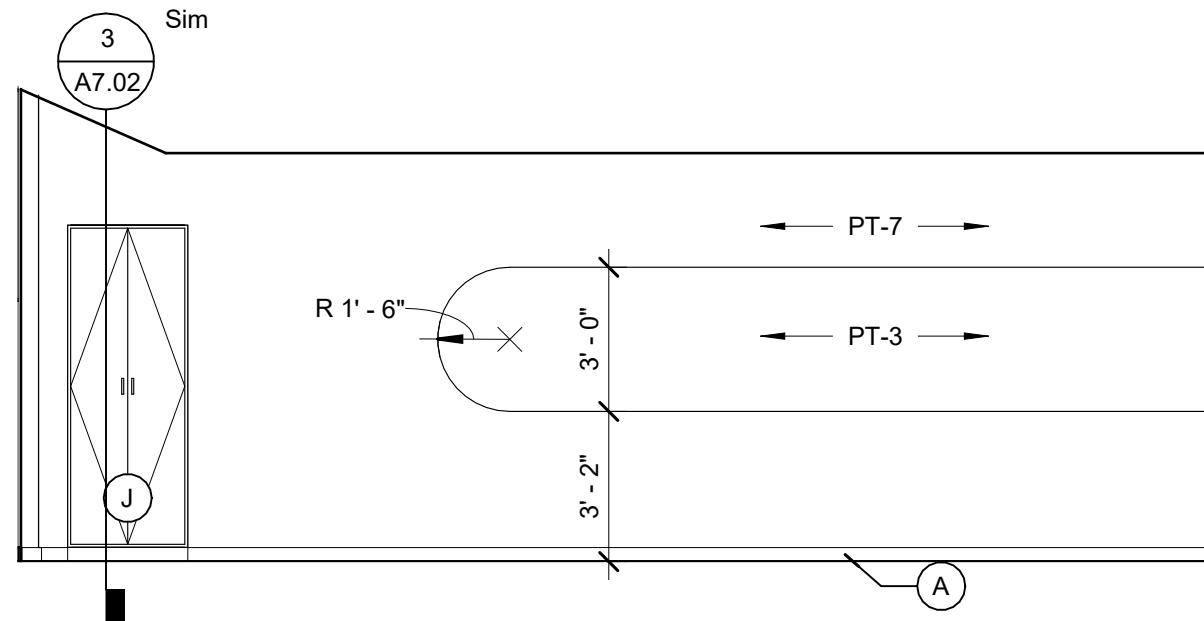
7 SGI 107 ELEVATION 1  
A7.05 1/4" = 1'-0"



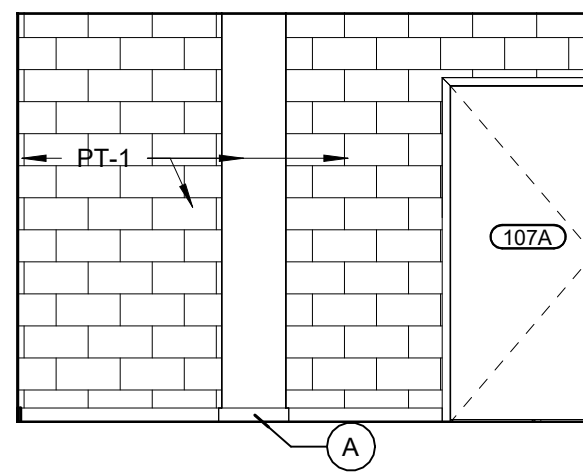
8 SGI 107 ELEVATION 2  
A7.05 1/4" = 1'-0"



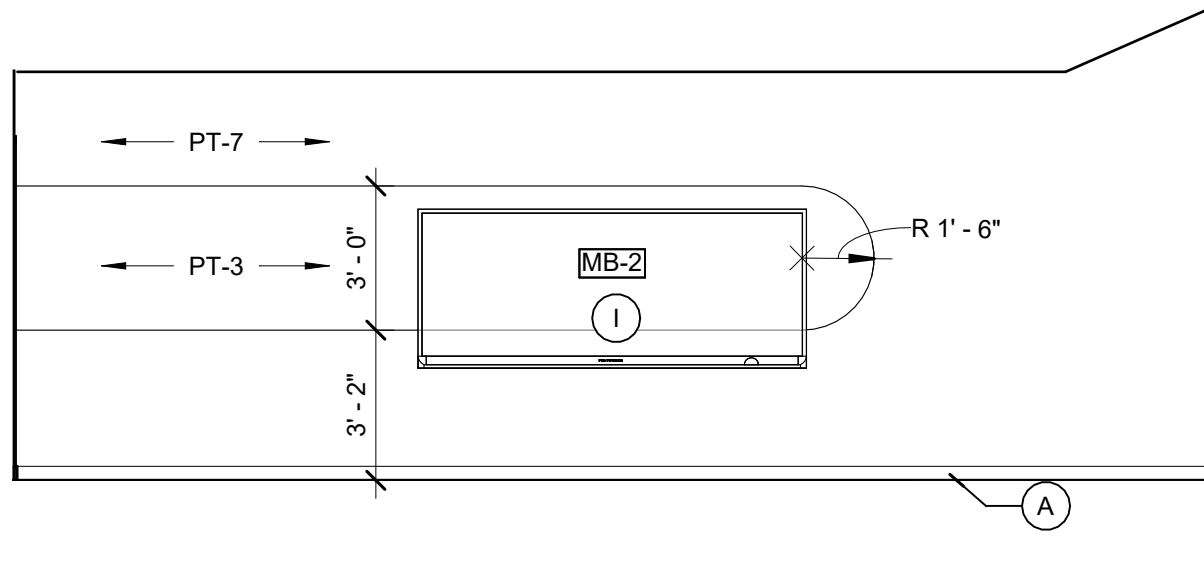
9 SGI 107 ELEVATION 3  
A7.05 1/4" = 1'-0"



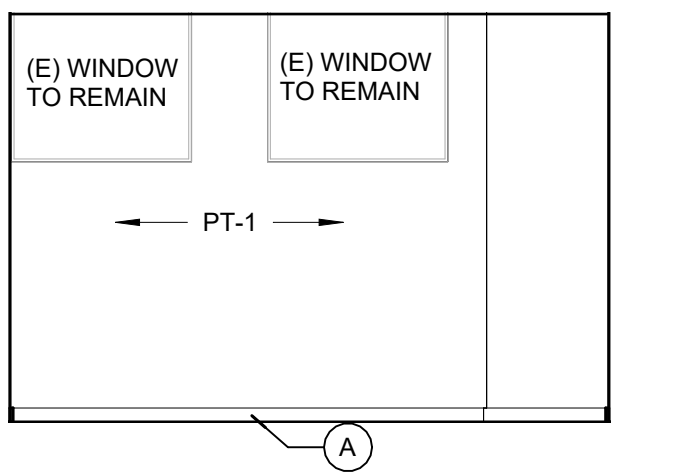
10 SGI 107 ELEVATION 4  
A7.05 1/4" = 1'-0"



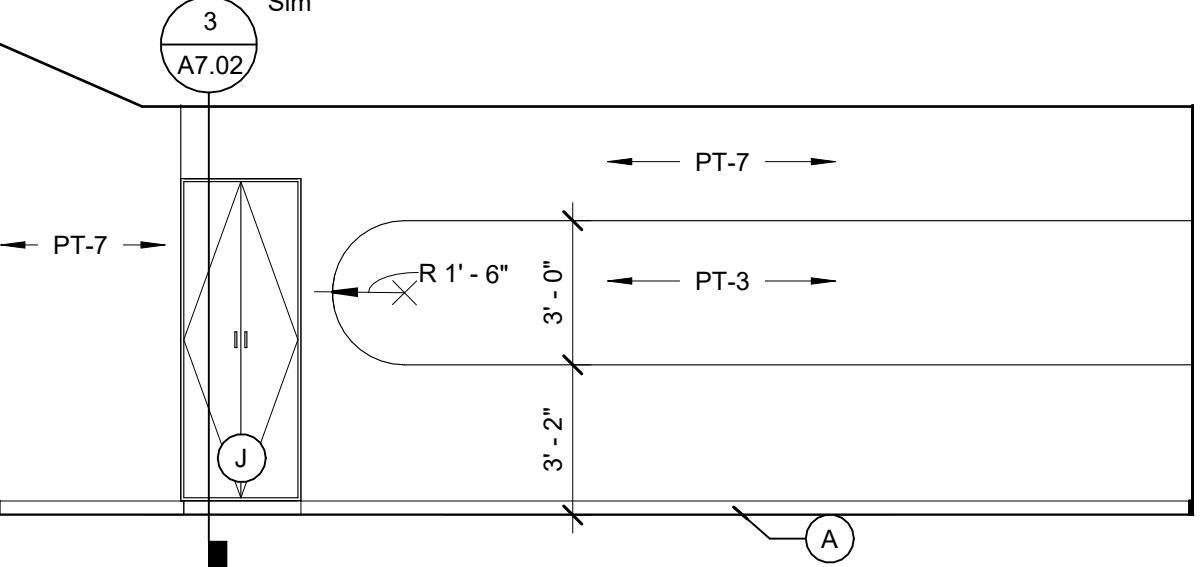
11 SGI 107A ELEVATION 1  
A7.05 1/4" = 1'-0"



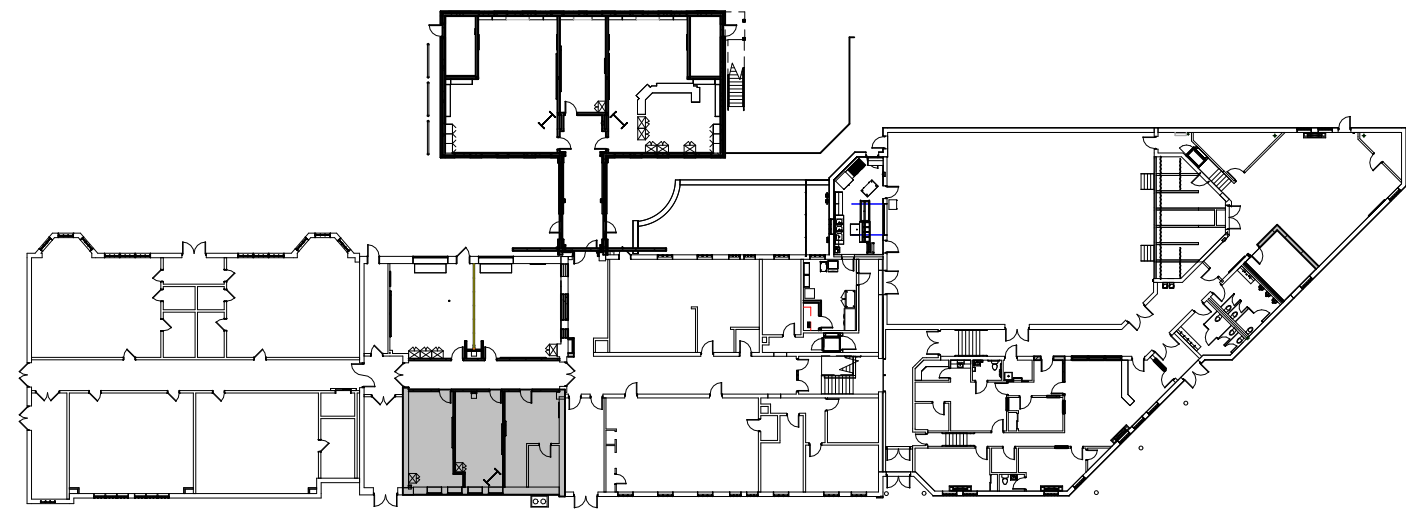
12 SGI 107A ELEVATION 2  
A7.05 1/4" = 1'-0"



13 SGI 107A ELEVATION 3  
A7.05 1/4" = 1'-0"



14 SGI 107A ELEVATION 4  
A7.05 1/4" = 1'-0"



2 KEY PLAN  
A7.05 1" = 50'-0"

### SPECIALTY EQUIPMENT CLASSROOMS & COMMON AREAS

| MARK | DESCRIPTION                             | MANUFACTURER           | MODEL     | MATERI<br>AL | TYPE |
|------|-----------------------------------------|------------------------|-----------|--------------|------|
| FEC  | FIRE EXTINGUISHER CABINET SEMI RECESSED | JL INDUSTRIES OR EQUAL | <varies>  |              | -    |
| MB-1 | 12'-0" MARKERBOARD                      | -                      | 1026      |              |      |
| MB-2 | 8'-0" MARKERBOARD                       | -                      |           |              |      |
| MB-3 | 4'-0" MARKERBOARD                       | -                      |           |              |      |
| SC-1 | SECURITY CAMERA                         | -                      |           |              |      |
| T10  | Worktable, Enclosed Base                | Advance Tabco          | EF-SS-308 |              |      |
| TB-1 | 4'-0" TACK BOARD                        | -                      |           |              |      |
| WT-2 | Work Table w/ Maple Top                 | AERO Manufacturing     | MTG-3072  |              |      |
| WT-3 | Work Table w/ Maple Top                 | AERO Manufacturing     | MTG-3072  |              |      |

### INTERIOR ELEVATION KEYNOTES LEGEND

| KEY # | DESCRIPTION                                                                                     |
|-------|-------------------------------------------------------------------------------------------------|
| A     | WALL BASE (SEE FINISH SCHEDULE)                                                                 |
| B     | SOLID SURFACE WINDOW SILL(SEE CASEWORK DETAILS AND SECTION 123661)                              |
| C     | INTERIOR SIGNAGE (SEE 101423, DOOR SCHEDULE, AND SIGN TYPES)                                    |
| D     | WINDOW ROLLER SHADES (SEE SECTION 122496)                                                       |
| E     | PA INTERCOM SPEAKER W/ INTEGRAL CLOCK (SEE ELECTRICAL DRAWINGS)                                 |
| F     | MECH. EQUIPMENT (SEE MECH. DWGS.)                                                               |
| G     | WALL MOUNTED TACK BOARD 4'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD. COORDINATE WITH OWNER.      |
| H     | WALL MOUNTED SMART BOARD 84": OFOI, INSTALL 26" AFF. TO BOTTOM OF BOARD. COORDINATE WITH OWNER. |
| I     | WHITE MARKERBOARD 6'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD.                                   |
| J     | WALL/FLOOR MOUNTED CASEWORK W/ SOLID DOORS & LOCKS (SEE INTERIOR ELEVATIONS AND DETAILS)        |
| K     | EXPANSION JOINT (SEE ENLARGED DETAILS AND SECTIONS 079010 & 079513)                             |
| L     | SECURITY EQUIPMENT (SEE ELECTRICAL & LOW VOLTAGE DRAWINGS)                                      |

### PLAN KEY NOTES LEGEND

| KEY # | DESCRIPTION                                                                                                                                                          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | LOOSE FURNITURE, TYP. (OFOI)                                                                                                                                         |
| 2     | FOLDING PARTITON ON TRACK SYSTEM. SEE RCP, ENLARGED DETAILS AND STRUCTURAL FOR SUPPORT DETAILS ON SHEET A4.04.                                                       |
| 3     | CASEWORK TEACHER'S WARDROBE (SEE CASEWORK DETAIL 8/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                           |
| 4     | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                                 |
| 5     | CONTRACTOR TO VERIFY IN FIELD LOCATION OF NEW WALL, TO INTERSECT A SOLID WALL AND AVOID A WINDOW.                                                                    |
| 6     | ALIGN SURFACE OF NEW WALL WITH EXISTING HALF WALL SURFACE.                                                                                                           |
| 7     | EXISTING INCOMING GAS SERVICE ENTRY POINT WITH FENCED-IN ENCLOSURE. SEE MEP AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.                                           |
| 8     | FOOD SERVICE EQUIPMENT - OFCI. SEE A7.03 AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.                                                                                |
| 9     | NEW ROOFTOP MECHANICAL EQUIPMENT AND ALUMINUM GUARDRAIL AT EXISTING ROOF - PATCH ROOF AND PROVIDE ALL REQUIRED CURBS AND FLASHINGS. SEE MEP AND STRUCTURAL DRAWINGS. |
| 10    | NEW WALL MOUNTED GALV. STEEL LADDER FOR KITCHEN ROOF ACCESS                                                                                                          |
| 11    | PROVIDE WINDOW SHADES - TYPICAL AT ALL NEW WINDOWS U.O.N.                                                                                                            |
| 12    | ALUMINUM SAFETY GUARDRAIL, MIN 42" HT. BOD: KEE SAFETY KEE GUARD GUARDRAIL, NON ROOF PENETRATING.                                                                    |
| 13    | PATCH AND REPAIR EXISTING ROOF SYSTEM AS REQUIRED FOLLOWING KITCHEN MECH. EQUIPMENT INSTALLATION                                                                     |
| 14    | PATCH AND REPAIR FLOOR AND WALL FINISHES TO MATCH EXISTING ADJACENT FLOORING AND PAINT FOLLOWING REMOVAL OF EXISTING UNIT VENTILATOR. SEE MECHANICAL DRAWINGS.       |

|             |              |
|-------------|--------------|
| Eng'y. Nos. | 24GA27937600 |
| Arch. Nos.  | 21AC00012400 |
| Date        | 08-13-2026   |
| Checked     | TC           |
| Drawn       | TB, KK       |

JEFFREY POTTER, R.A.  
REGISTERED ARCHITECT  
License No. NJ21402015400

|          |             |
|----------|-------------|
| Date     | Description |
| 11/04/25 | BID ISSUE   |

PRELIMINARY  
NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.  
LAN ASSOCIATES  
1018 Laurel Oak Road Ste 11, Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

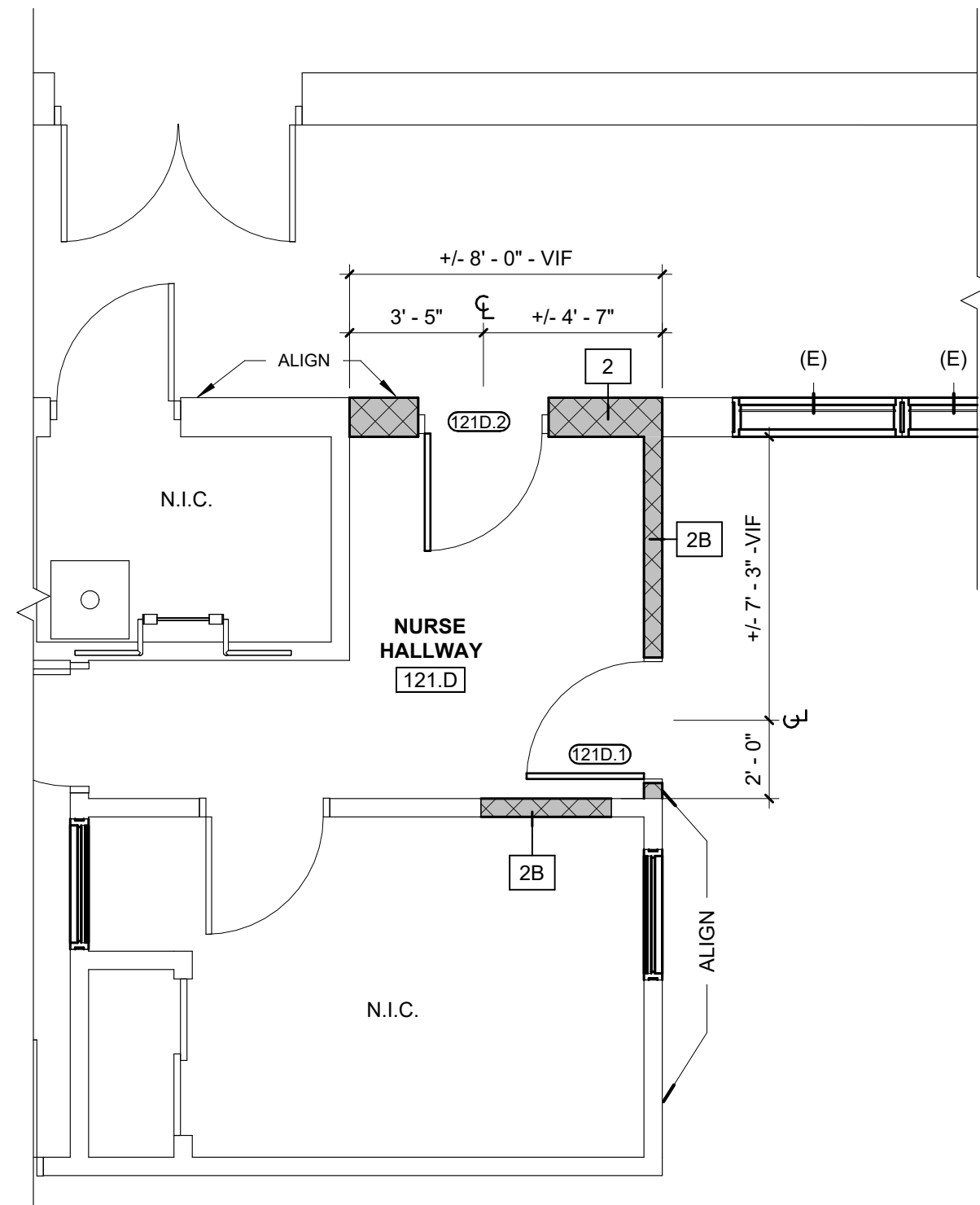
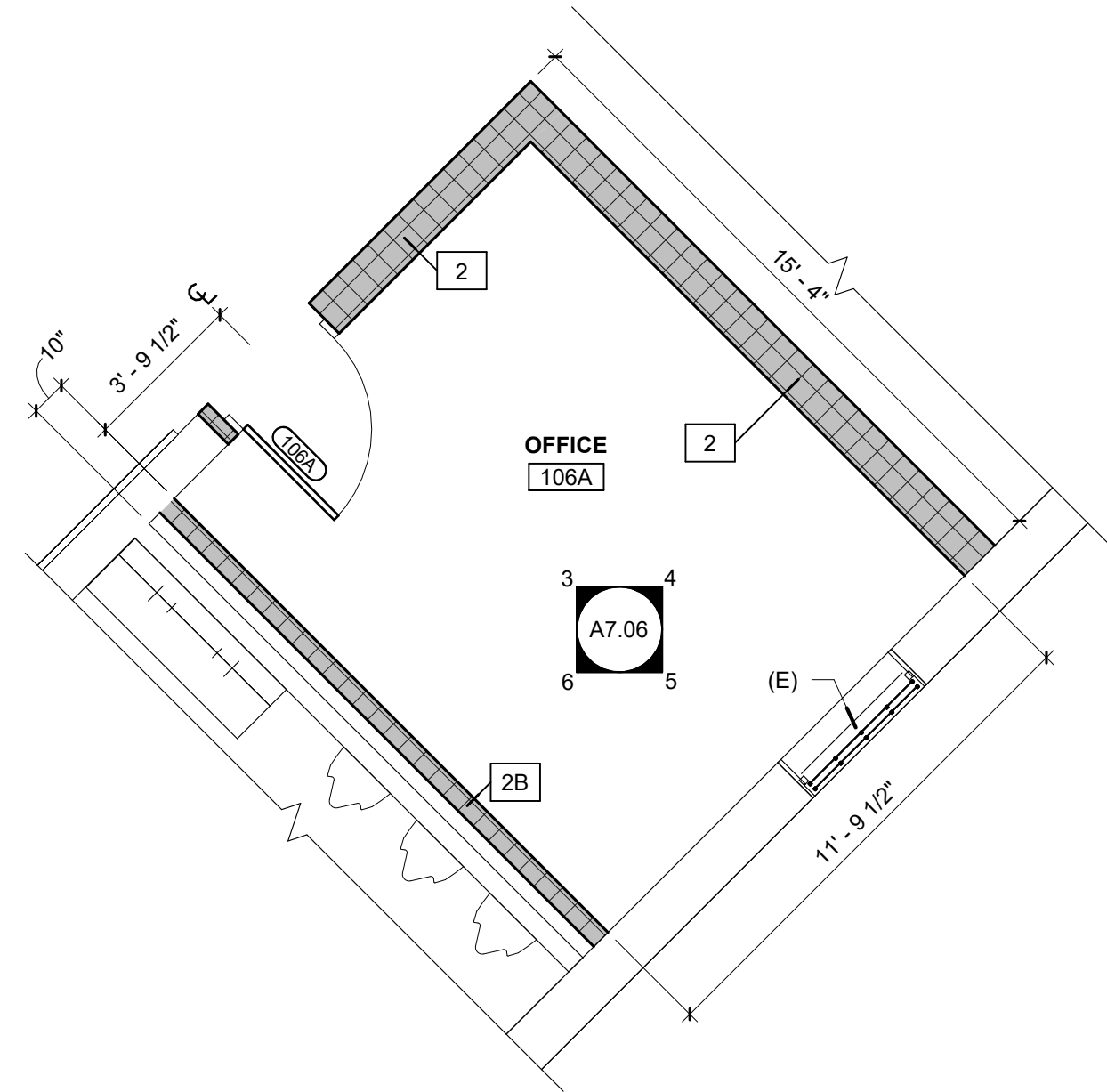
ENLARGED PLANS AND ELEVATIONS - GUIDANCE  
AND SGI  
ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

|         |                |
|---------|----------------|
| Job No. | 2.202777.25.10 |
|---------|----------------|

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| File No. |  |
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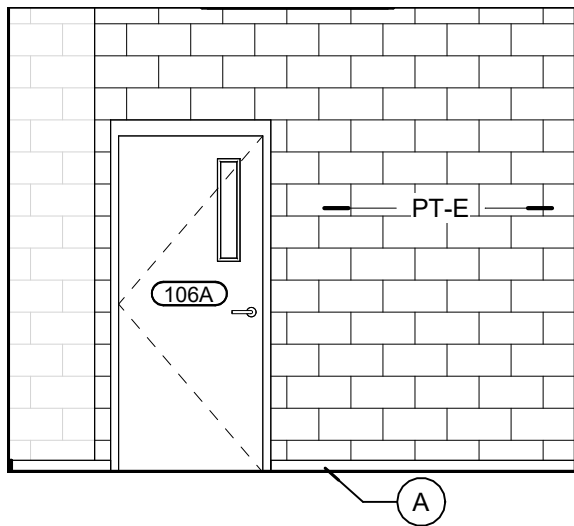
A7.05



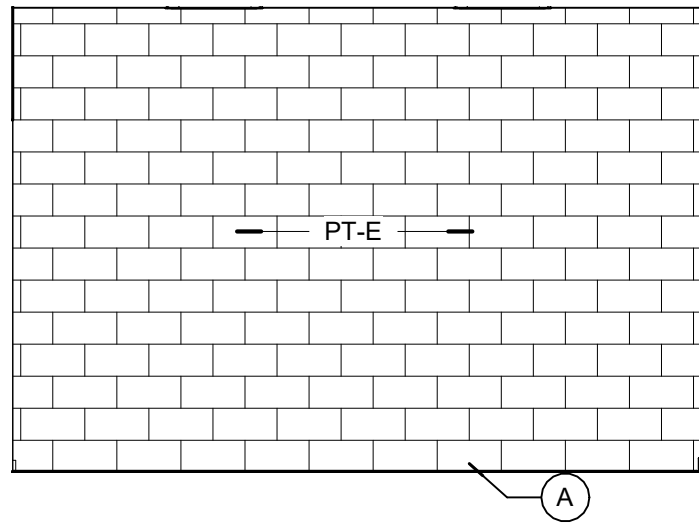


2 ENLARGED PLAN - OFFICE 106A  
A7.06 1/4" = 1'-0"

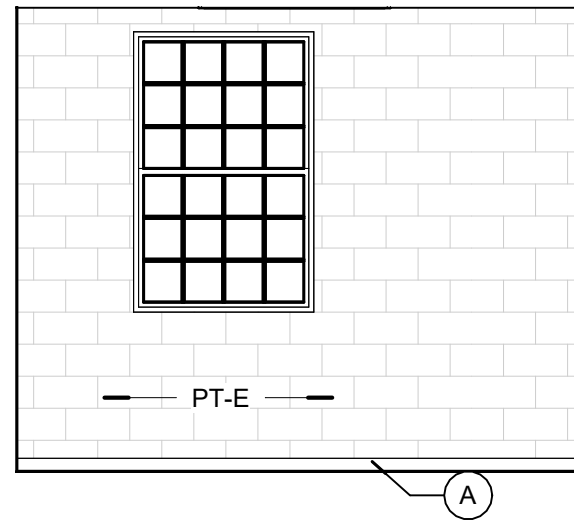
1 ENLARGED PLAN - NURSE'S SUITE 121  
A7.06 1/4" = 1'-0"



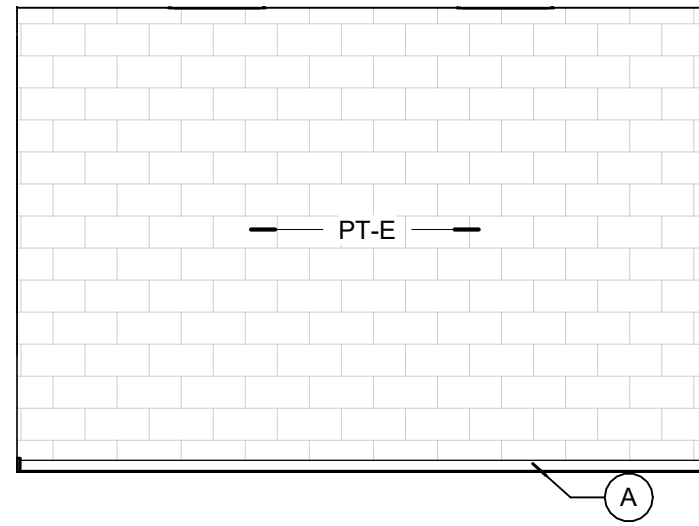
3 OFFICE 106A ELEVATION  
A7.06 1/4" = 1'-0"



4 OFFICE 106A ELEVATION 2  
A7.06 1/4" = 1'-0"



5 OFFICE 106A ELEVATION 3  
A7.06 1/4" = 1'-0"



6 OFFICE 106A ELEVATION 4  
A7.06 1/4" = 1'-0"

## SPECIALTY EQUIPMENT CLASSROOMS & COMMON AREAS

| MARK | DESCRIPTION                                      | MANUFACTURER           | MODEL         | MATERIAL | TYPE |
|------|--------------------------------------------------|------------------------|---------------|----------|------|
| FEC  | <varies> FIRE EXTINGUISHER CABINET SEMI RECESSED | JL INDUSTRIES OR EQUAL | <varies> 1026 | -        | -    |
| MB-1 | 12'-0" MARKERBOARD                               | -                      |               | -        | -    |
| MB-2 | 8'-0" MARKERBOARD                                | -                      |               | -        | -    |
| MB-3 | 4'-0" MARKERBOARD                                | -                      |               | -        | -    |
| SC-1 | SECURITY CAMERA                                  |                        |               | -        | -    |
| T10  | Workable, Enclosed Base                          | Advance Tabco          | EF-SS-308     | -        | -    |
| TB-1 | 4'-0" TACK BOARD                                 |                        |               | -        | -    |
| WT-2 | Work Table w/ Maple Top                          | AERO Manufacturing     | MTG-3072      | -        | -    |
| WT-3 | Work Table w/ Maple Top                          | AERO Manufacturing     | MTG-3072      | -        | -    |

## INTERIOR ELEVATION KEYNOTES LEGEND

**#** SYMBOL INDICATES  
CONST. KEY NOTE

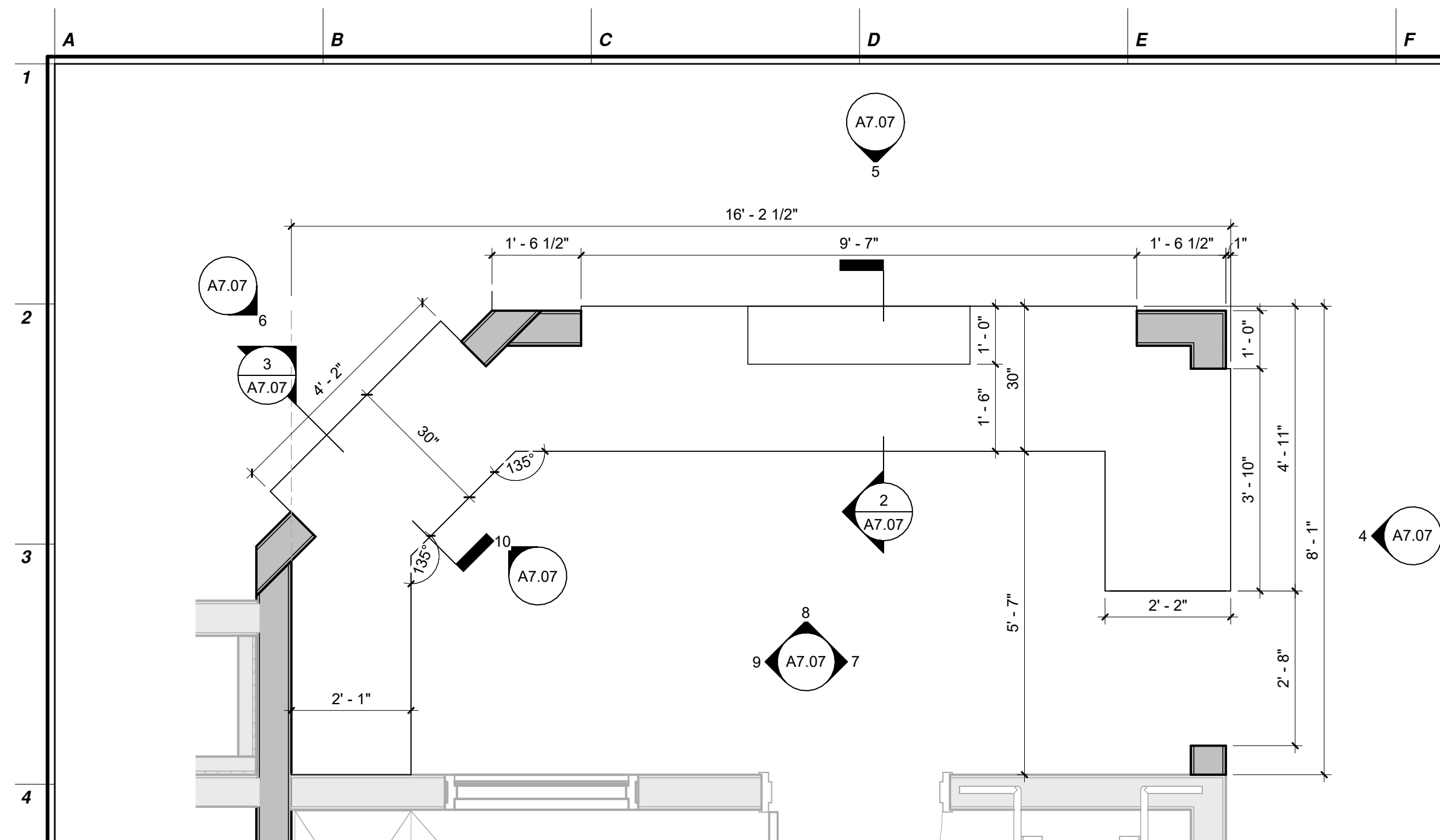
| KEY # | DESCRIPTION                                                                                     |
|-------|-------------------------------------------------------------------------------------------------|
| A     | WALL BASE (SEE FINISH SCHEDULE)                                                                 |
| B     | SOLID SURFACE WINDOW SILL(SEE CASEWORK DETAILS AND SECTION 123661)                              |
| C     | INTERIOR SIGNAGE (SEE 101423, DOOR SCHEDULE, AND SIGN TYPES)                                    |
| D     | WINDOW ROLLER SHADES (SEE SECTION 122496)                                                       |
| E     | PA INTERCOM SPEAKER W/ INTEGRAL CLOCK (SEE ELECTRICAL DRAWINGS)                                 |
| F     | MECH. EQUIPMENT (SEE MECH. DWGS.)                                                               |
| G     | WALL MOUNTED TACK BOARD 4'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD. COORDINATE WITH OWNER.      |
| H     | WALL MOUNTED SMART BOARD 84": OFOI, INSTALL 26" AFF. TO BOTTOM OF BOARD. COORDINATE WITH OWNER. |
| I     | WHITE MARKERBOARD 6'-0", INSTALL 26" AFF. TO BOTTOM OF BOARD.                                   |
| J     | WALL /FLOOR MOUNTED CASEWORK W/ SOLID DOORS & LOCKS (SEE INTERIOR ELEVATIONS AND DETAILS)       |
| K     | EXPANSION JOINT (SEE ENLARGED DETAILS AND SECTIONS 079010 & 079513)                             |
| L     | SECURITY EQUIPMENT (SEE ELECTRICAL & LOW VOLTAGE DRAWINGS)                                      |

## PLAN KEY NOTES LEGEND

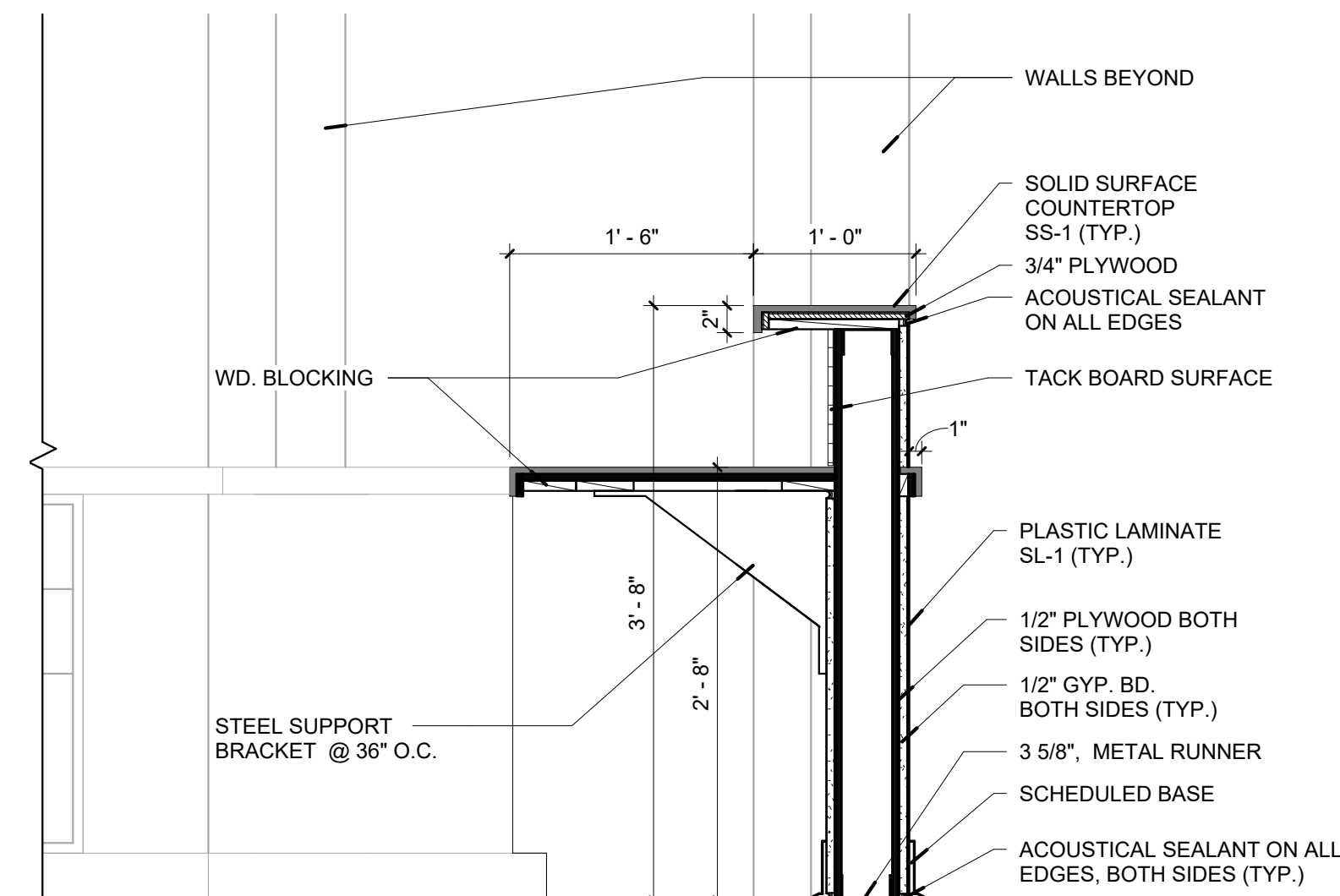
 SYMBOL INDICATES  
CONST. KEY NOTE

| KEY # | DESCRIPTION                                                                                                                                                          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | LOOSE FURNITURE, TYP. (FOFI)                                                                                                                                         |
| 2     | FOLDING PARTITION ON TRUCK SYSTEM. SEE RCP, ENLARGED DETAILS AND STRUCTURAL FOR SUPPORT DETAILS ON SHEET A4.04.                                                      |
| 3     | CASEWORK TEACHER'S WORKBODE (SEE CASEWORK DETAIL 8/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                           |
| 4     | CASEWORK TALL CABINET (SEE CASEWORK DETAIL 3/A7.02) IF CASEWORK ENDS AT A WALL, PROVIDE AT LEAST 2" OF FILLER PANEL.                                                 |
| 5     | CONTRACTOR TO VERIFY IN FIELD LOCATION OF NEW WALL, TO INTERSECT A SOLID WALL AND AVOID A WINDOW.                                                                    |
| 6     | ALIGN SURFACE OF NEW WALL WITH EXISTING HALF WALL SURFACE.                                                                                                           |
| 7     | EXISTING INCOMING GAS SERVICE ENTRY POINT WITH FENCED-IN ENCLOSURE. SEE MEP AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.                                           |
| 8     | FOOD SERVICE EQUIPMENT - OFCI. SEE A7.03 AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.                                                                                |
| 9     | NEW ROOFTOP MECHANICAL EQUIPMENT AND ALUMINUM GUARDRAIL AT EXISTING ROOF - PATCH ROOF AND PROVIDE ALL REQUIRED CURBS AND FLASHINGS. SEE MEP AND STRUCTURAL DRAWINGS. |
| 10    | NEW WALL MOUNTED GALV. STEEL LADDER FOR KITCHEN ROOF ACCESS                                                                                                          |
| 11    | PROVIDE WINDOW SHADES - TYPICAL AT ALL NEW WINDOWS U.O.N.                                                                                                            |
| 12    | ALUMINUM SAFETY GUARDRAIL, MIN 42" HT. BOD. KEE SAFETY KEE GUARD GUARDRAIL, NON ROOF PENETRATING.                                                                    |
| 13    | REMOVE AND REPAIR EXISTING ROOF SYSTEM AS REQUIRED FOLLOWING KITCHEN MECH. EQUIPMENT INSTALLATION                                                                    |
| 14    | PATCH AND REPAIR FLOOR AND WALL FINISHES TO MATCH EXISTING ADJACENT FLOORING AND PAINT FOLLOWING REMOVAL OF EXISTING UNIT VENTILATOR. SEE MECHANICAL DRAWINGS.       |

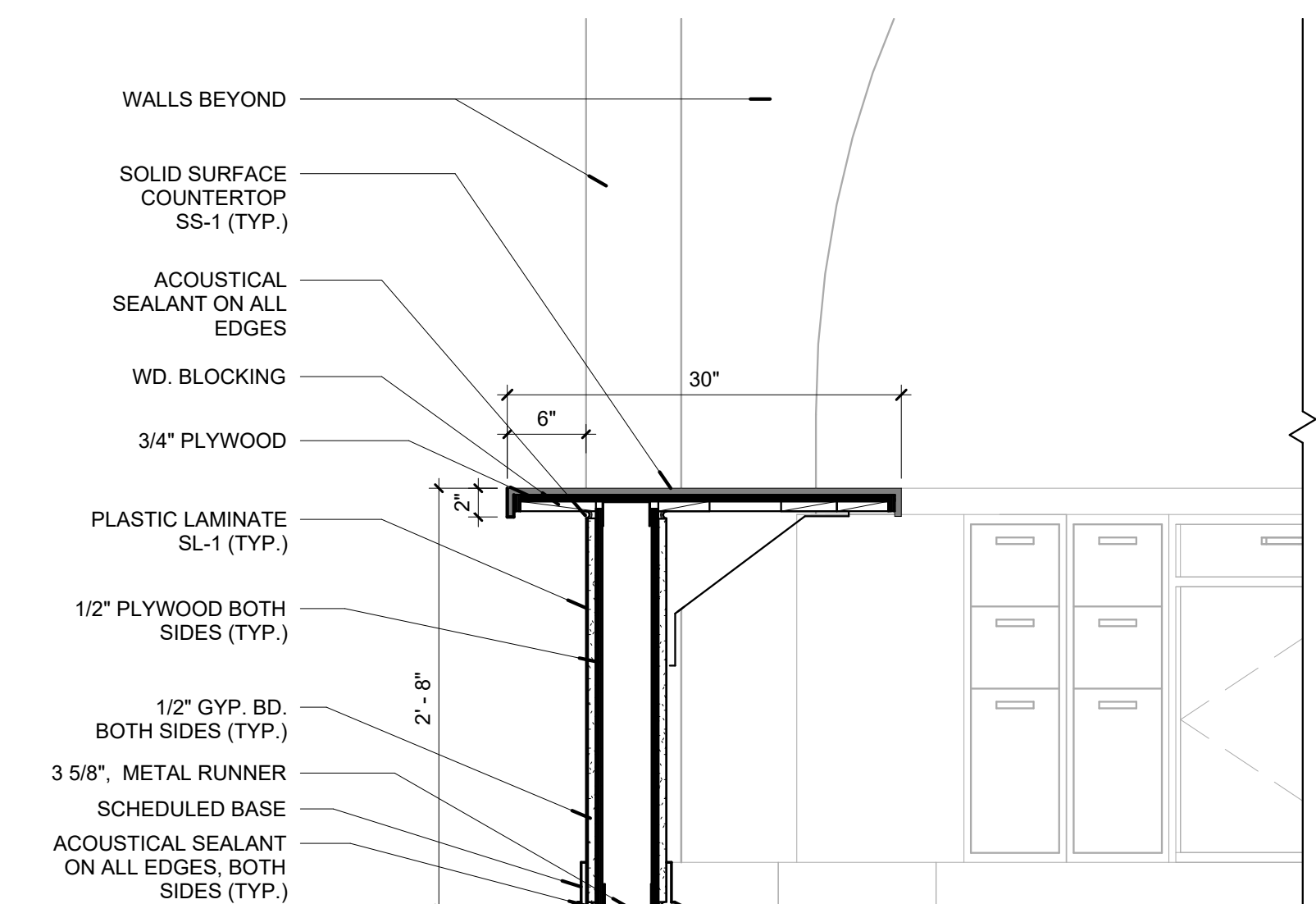




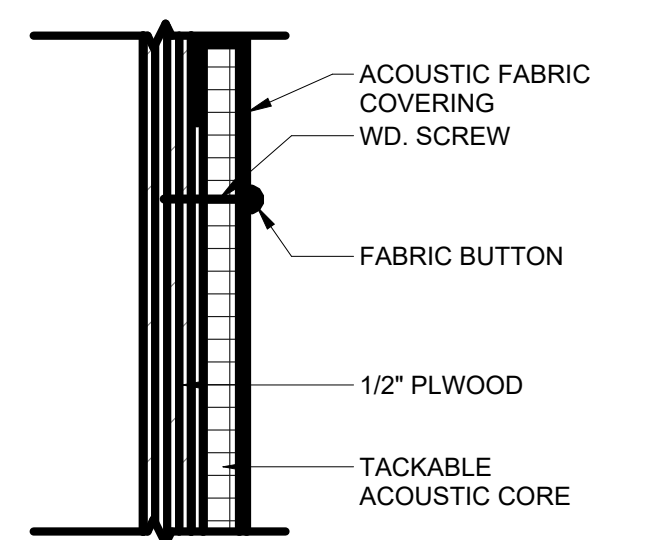
1 ENLARGED CIRCULATION DESK PLAN  
A7.07 1/2" = 1'-0"



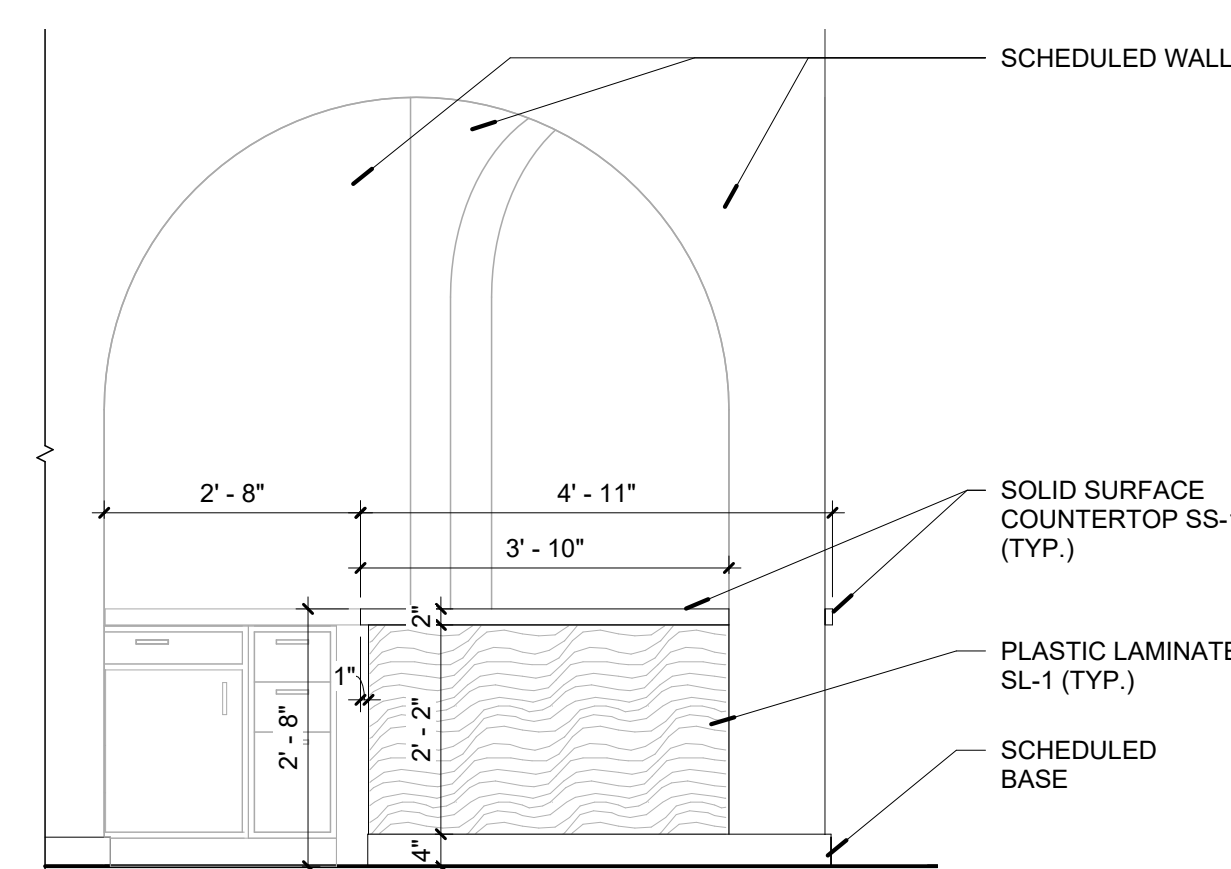
2 RECEPTION DESK DETAIL  
A7.07 1" = 1'-0"



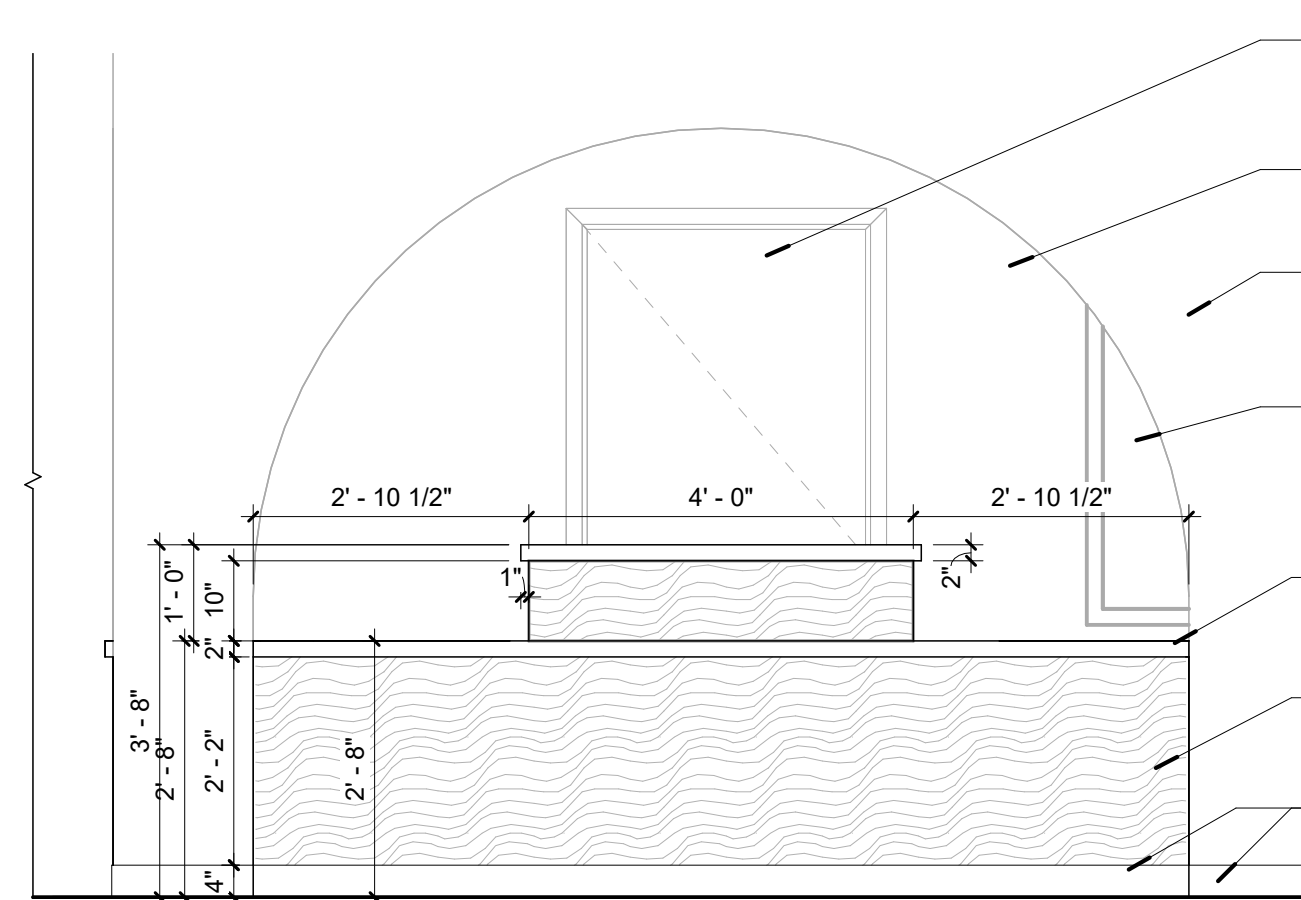
3 RECEPTION DESK DETAIL  
A7.07 1" = 1'-0"



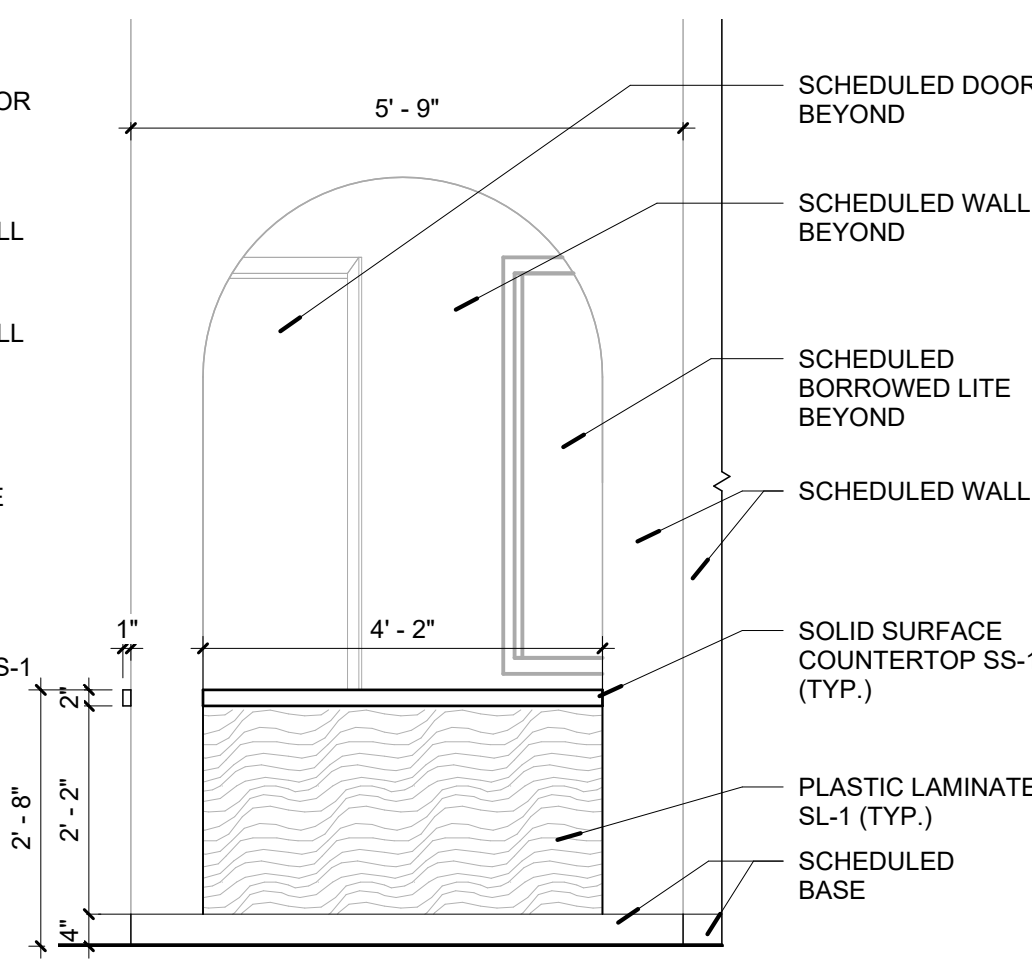
11 TACKABLE SURFACE DETAIL  
A7.07 6" = 1'-0"



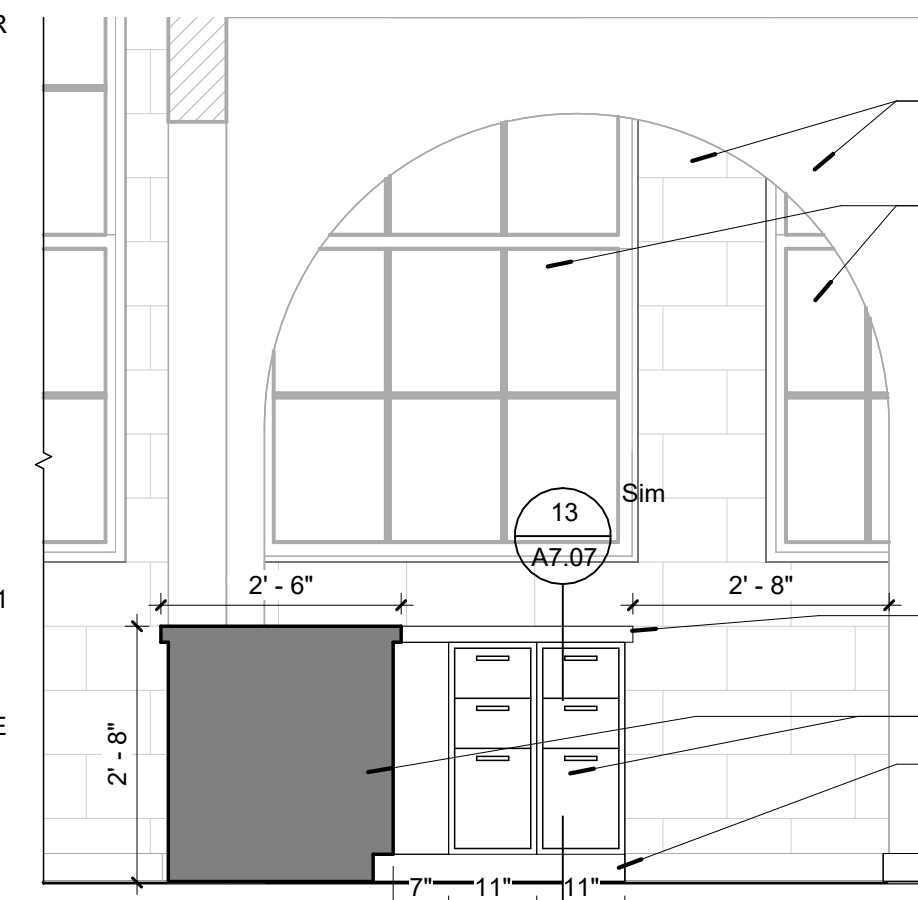
4 RECEPTION DESK ELEVATION  
A7.07 1/2" = 1'-0"



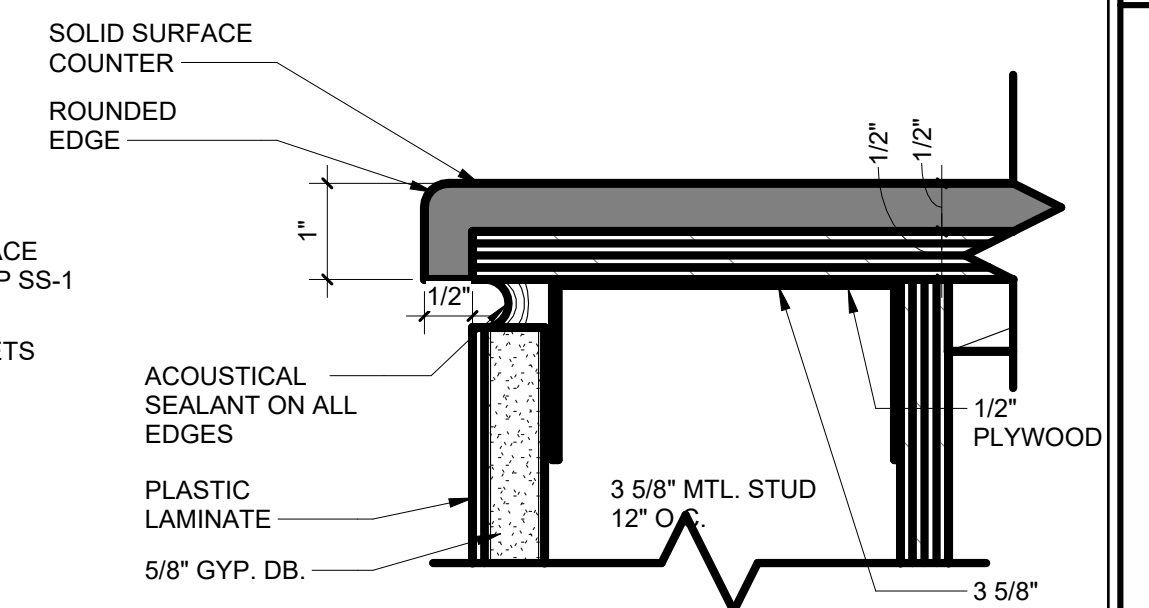
## 5 RECEPTION DESK ELEVATION



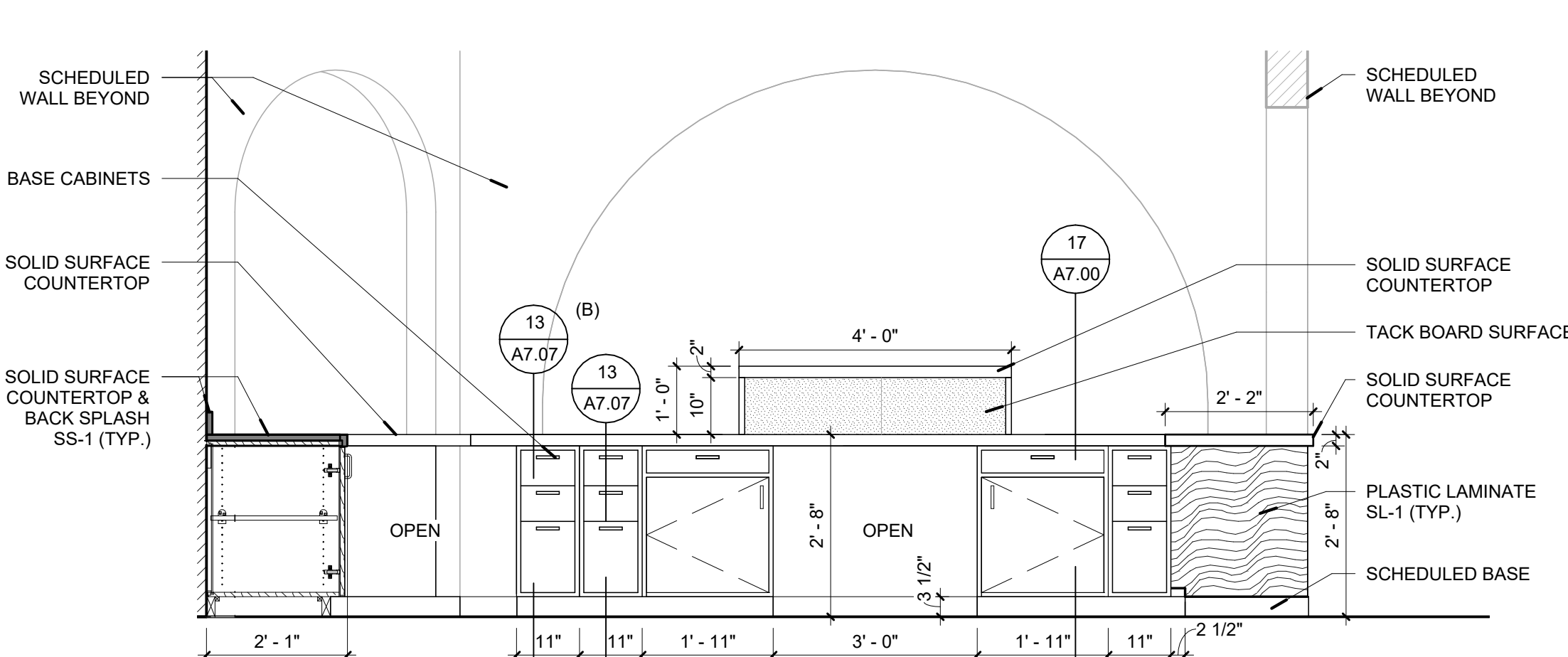
6 RECEPTION DESK ELEVATION  
A7.07 1/2" = 1'-0"



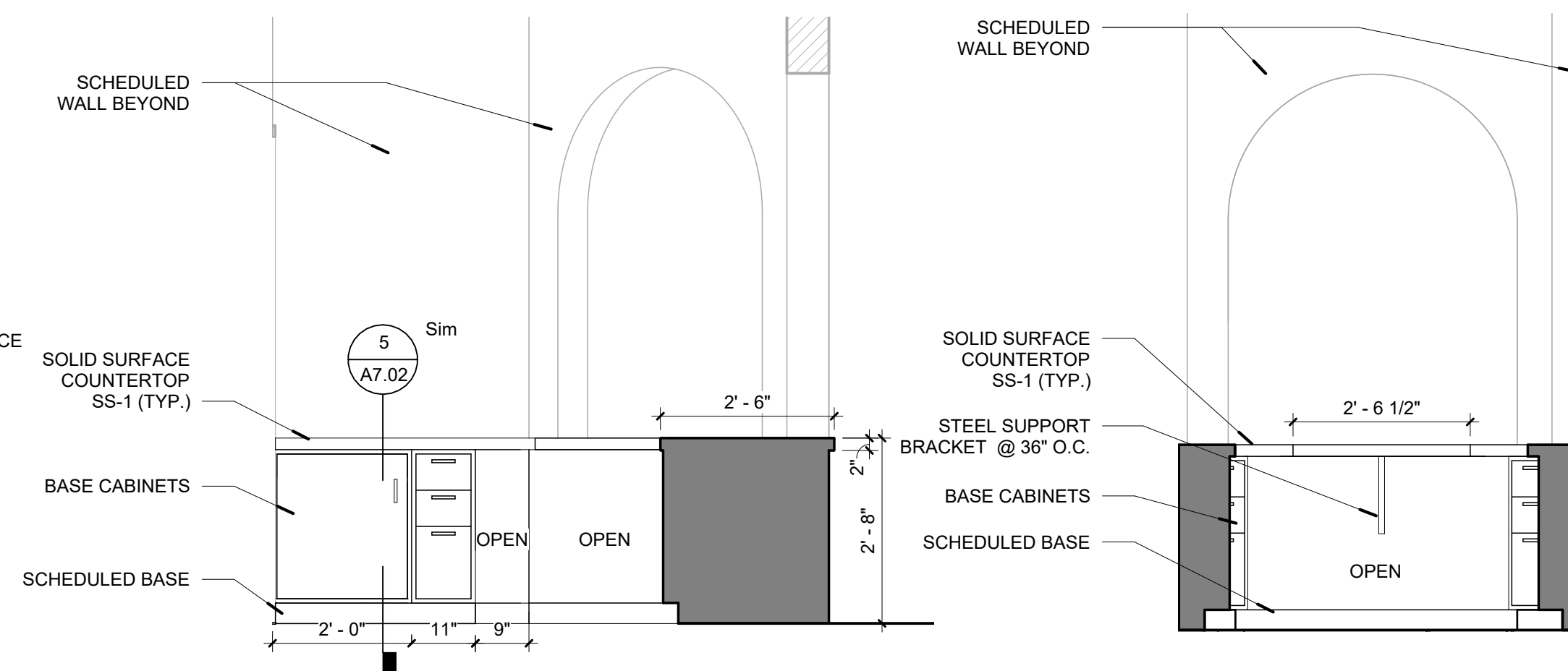
7 RECEPTION DESK ELEVATION  
A7.07 1/2" = 1'-0"



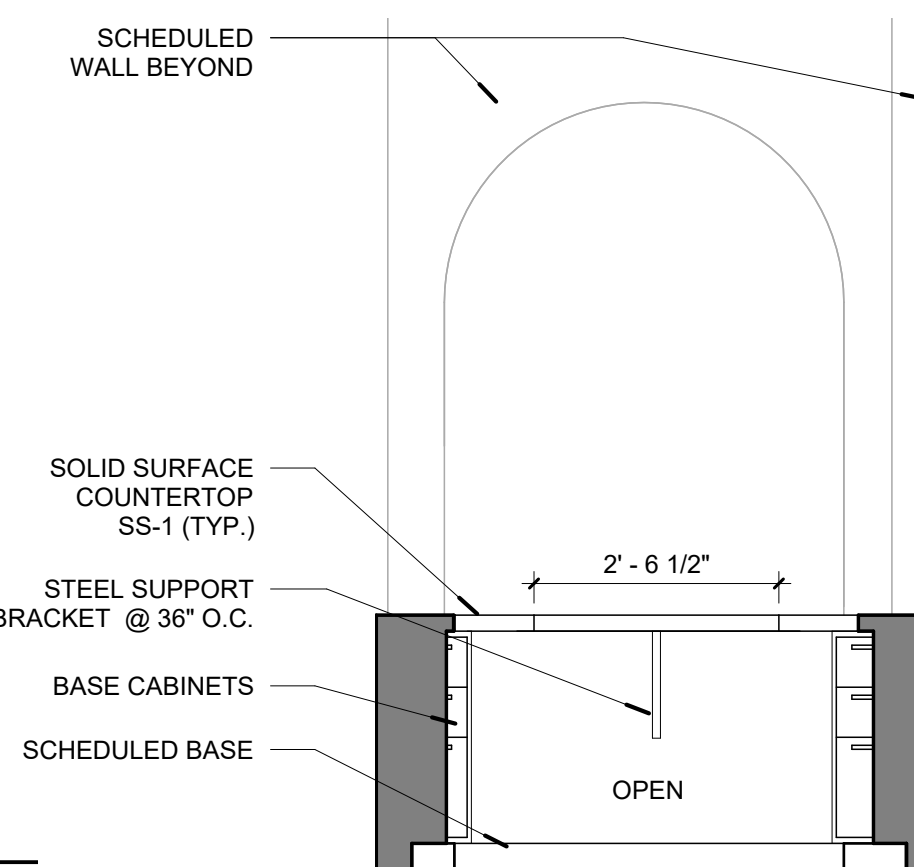
12 TYP. EDGE DETAIL  
A7.07 6" = 1'-0"



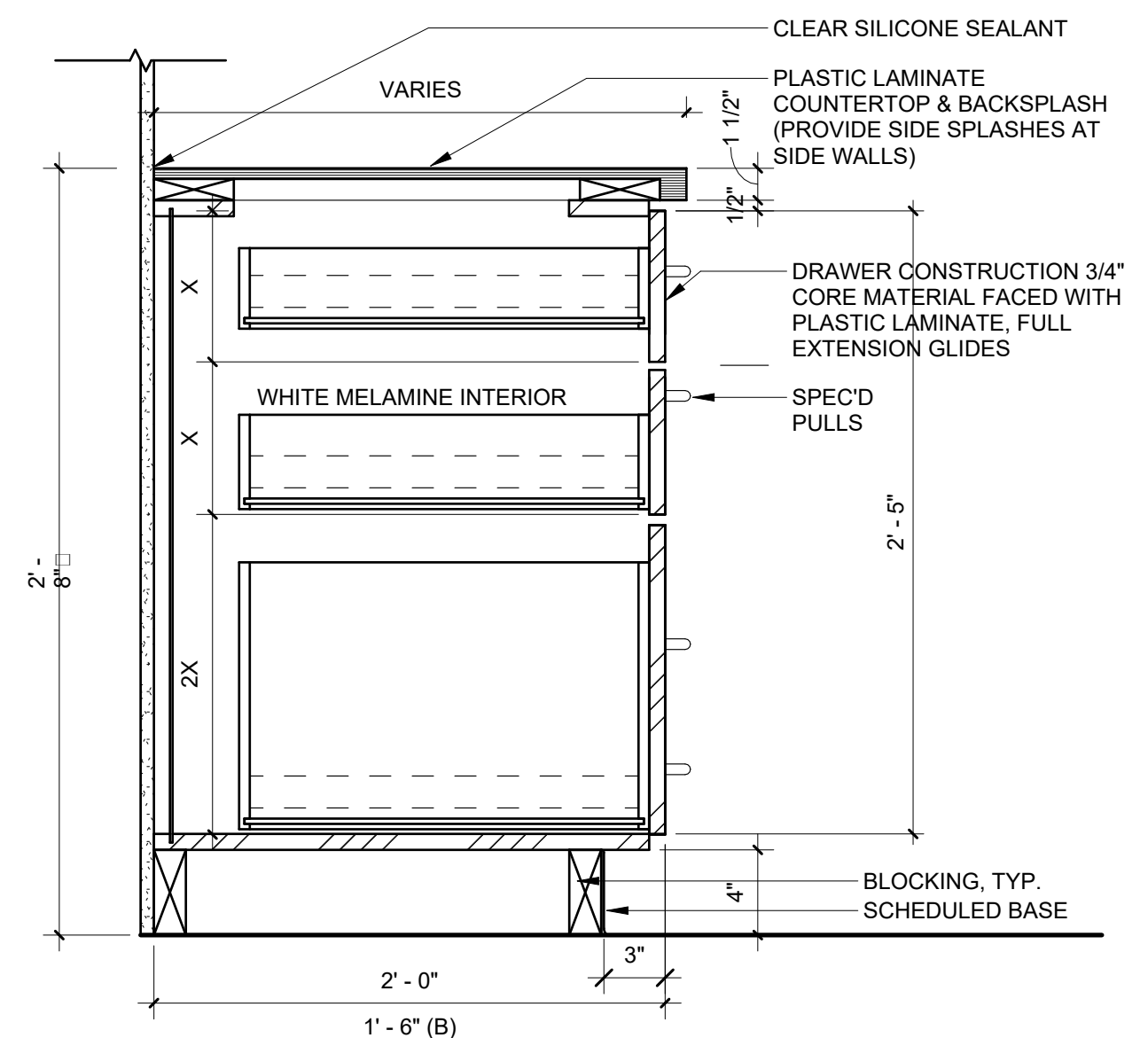
8 RECEPTION DESK ELEVATION  
A7.07 1/2" = 1'-0"



9 RECEPTION DESK ELEVATION  
A7.07 1/2" = 1'-0"

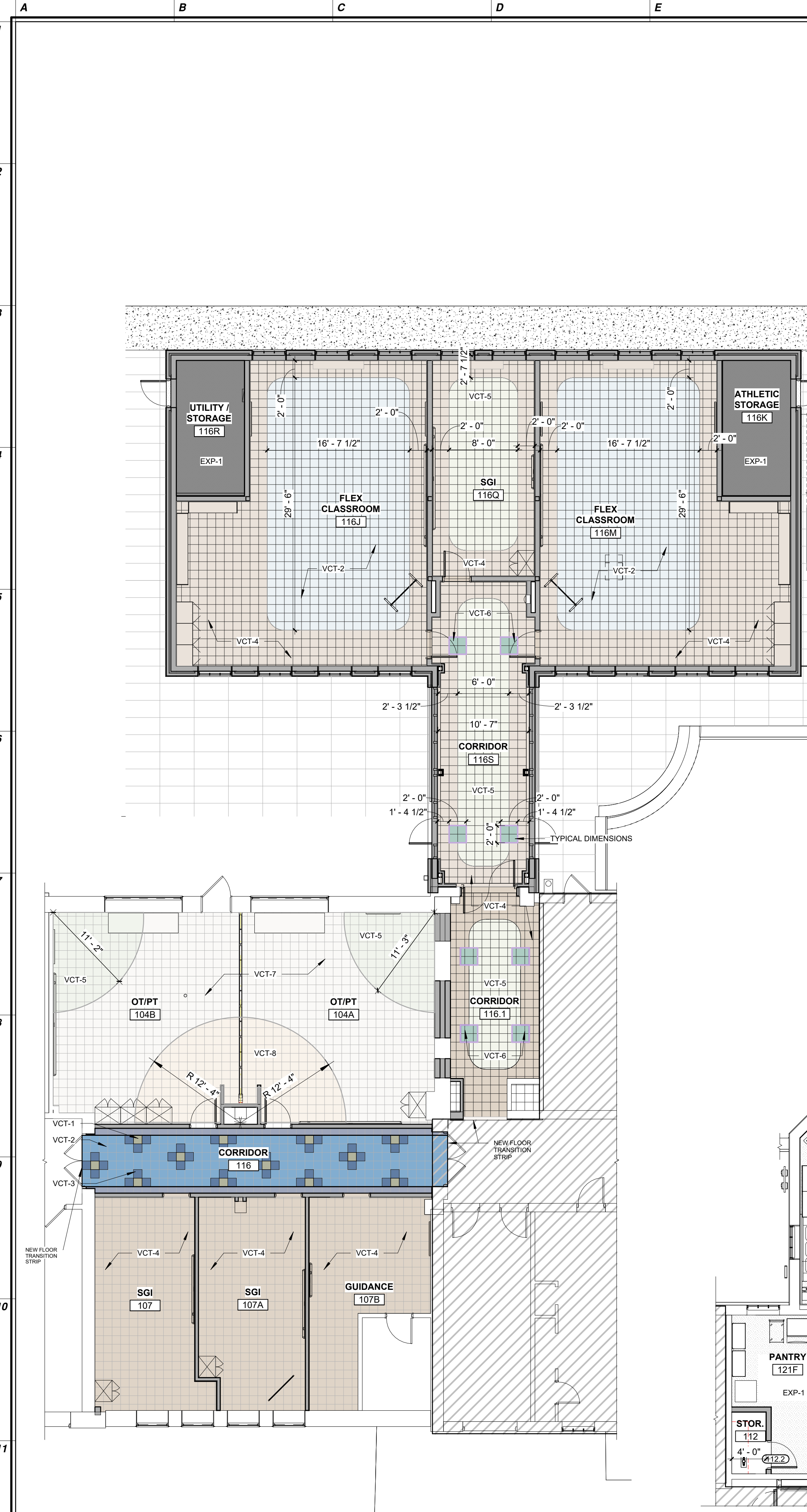


## 10 RECEPTION DESK ELEVATION



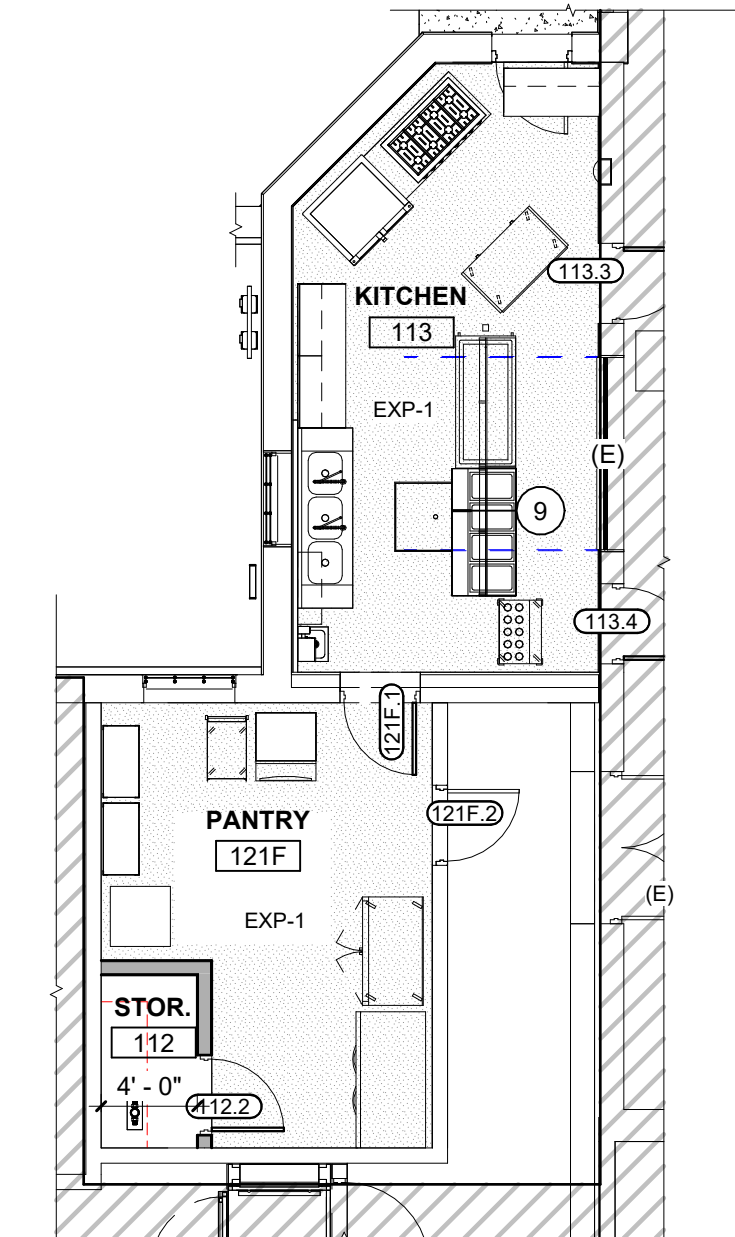
13 THREE-DRAWER BASE CABINET DETAIL  
A7.07 1 1/2" = 1'-0"



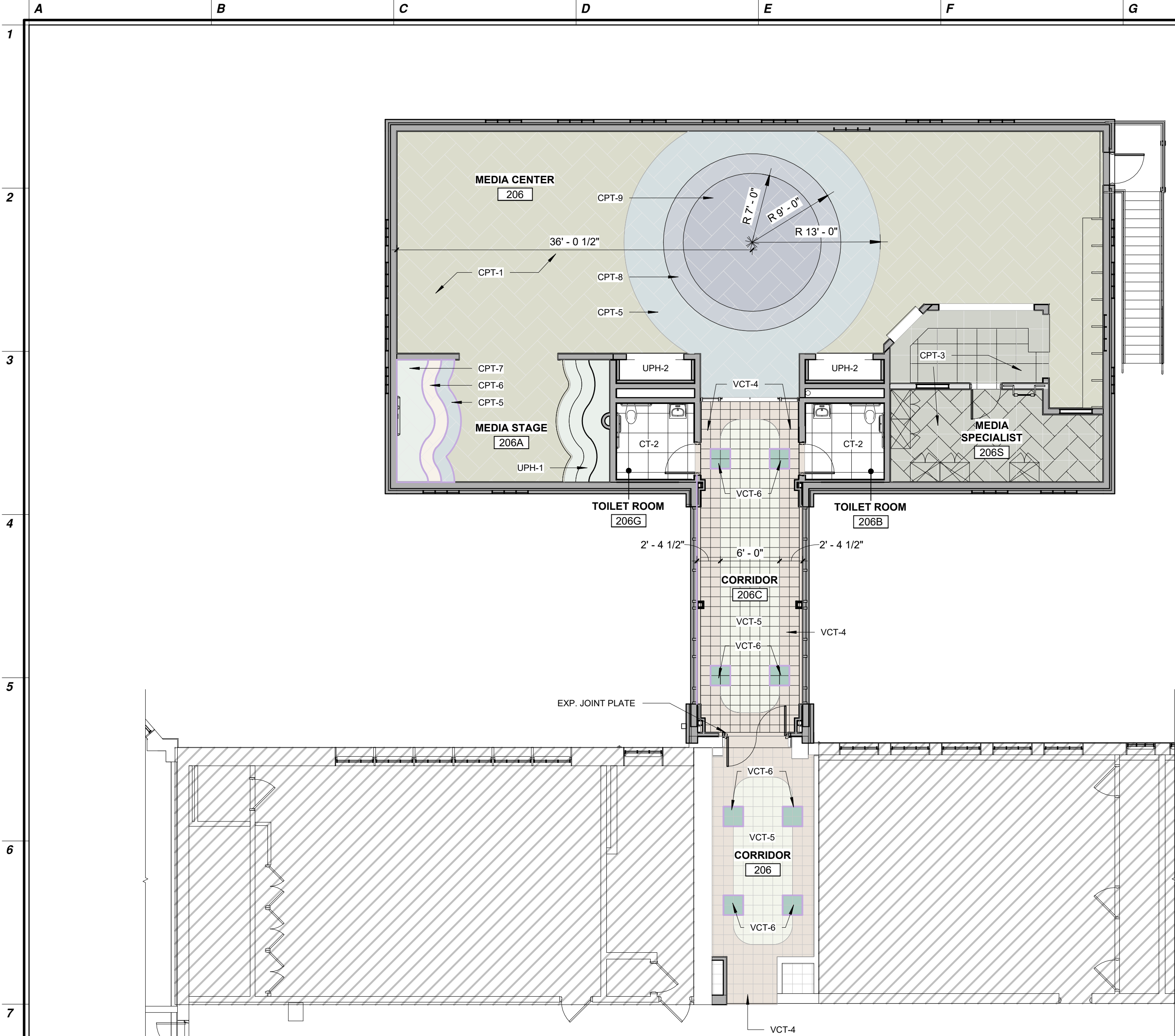


| GENERAL  |                  |                 |        |                     |                         |                 |                    |                          |                              |
|----------|------------------|-----------------|--------|---------------------|-------------------------|-----------------|--------------------|--------------------------|------------------------------|
| ROOM NO. | ROOM NAME        | FLOOR FINISH    | BASE   | WALL                | ACCENT WALL             | DOOR TRIM PAINT | LAMINATE CABINETRY | SOLID SURFACE COUNTERTOP | NOTES                        |
| 206      | CORRIDOR         | VCT- 4, 5, 6    | RWB- 1 | PT- 7               | PT- 6                   | PT-1            | ---                | ---                      | ---                          |
| 206      | MEDIA CENTER     | CPT- 1, 2, 8, 8 | RWB- 1 | PT- 1, 4            | PT- 3, 4, 9 (SEE A7.01) | PT-1            | PL-1               | SS-1                     | ---                          |
| 206A     | MEDIA STAGE      | CPT- 2          | RWB- 1 | PT- 1, 2, 3, WCV- 1 | PT- 4 (SEE A7.01)       | ---             | ---                | ---                      | UPH-1 UPHOLSTERY FOR SEATING |
| 206B     | TOILET ROOM      | CT- 2           | ---    | CT- 1               | CT- 3 (SEE A7.00)       | PT-1            | ---                | ---                      | GROUT TRUE TAUPE & SILVER    |
| 206C     | CORRIDOR         | VCT- 4, 5, 6    | RWB- 1 | PT- 7               | PT- 6                   | PT-7            | ---                | ---                      | ---                          |
| 206G     | TOILET ROOM      | CT- 2           | ---    | CT- 1               | CT- 3 (SEE A7.00)       | PT-1            | ---                | ---                      | GROUT TRUE TAUPE & SILVER    |
| 206S     | MEDIA SPECIALIST | CPT- 1          | RWB- 1 | PT- 1, 7            | PT- 9, 10 (SEE A7.01)   | PT-1            | PL-1               | ---                      | ---                          |
| 121D     | NURSE HALLWAY    | ---             | ---    | PT-E                | ---                     | PT-E            | ---                | ---                      | ---                          |
| 121F     | PANTRY           | EXP-1           | CT-4   | CT-1, 2, 3          | ---                     | PT-1            | ---                | ---                      | ---                          |
| 116J     | FLEX CLASSROOM   | VCT- 4, 2       | RWB- 1 | PT- 1               | PT- 2, 3, 4 (SEE A7.00) | PT-4            | PL-1               | ---                      | ---                          |
| 116K     | ATHLETIC STORAGE | EXP- 1          | RWB-2  | PT-1                | ---                     | PT-1            | ---                | ---                      | ---                          |
| 116M     | FLEX CLASSROOM   | VCT- 4, 2       | RWB- 1 | PT- 1               | PT- 2, 3, 4 (SEE A7.00) | PT-4            | PL-1               | ---                      | ---                          |
| 116R     | UTILITY/ STORAGE | EXP- 1          | RWB- 2 | PT- 1               | ---                     | PT-1            | ---                | ---                      | ---                          |
| 116S     | CORRIDOR         | VCT- 4, 5, 6    | RWB- 1 | PT- 1               | ---                     | PT-1            | ---                | ---                      | ---                          |
| 116Q     | SGI              | VCT- 4, 5       | RWB- 1 | PT- 1               | PT- 7, 3 (SEE A7.00)    | PT-1            | PL-1               | ---                      | ---                          |
| 113      | KITCHEN          | EXP- 1          | CT-4   | CT-1, 2, 3          | ---                     | PT-1            | ---                | ---                      | GROUT SILVER                 |
| 107      | SGI              | VCT- 4          | RWB- 5 | PT- 1               | PT-3, 7 (SEE A7.05)     | PT-1            | PL-1               | ---                      | ---                          |
| 107A     | SGI              | VCT- 4          | RWB- 5 | PT- 1               | PT-3, 7 (SEE A7.05)     | PT-1            | PL-1               | ---                      | ---                          |
| 107B     | GUIDANCE         | VCT- 4          | RWB- 5 | PT- 1               | ---                     | PT-1            | PL-1               | ---                      | ---                          |
| 106A     | OFFICE           | VCT-7           | RWB-2  | PT-1                | ---                     | PT-1            | PL-1               | ---                      | ---                          |
| 104A     | OT/PT            | VCT- 5, 7, 8    | RWB- 3 | PT- 15              | PT- 4 (SEE A7.04)       | PT- 4           | PL-1               | ---                      | ---                          |
| 104B     | OT/PT            | VCT- 5, 7, 8    | RWB- 3 | PT- 15              | PT- 4 (SEE A7.04)       | PT- 4           | PL-1               | ---                      | ---                          |
| 104.1    | CORRIDOR         | VCT- 4, 5, 6    | RWB-4  | PT-E                | ---                     | ---             | ---                | ---                      | ---                          |

| FINISH LEGEND |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABBREV.       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PT-X          | <b>PAINT (INTERIOR) "SHERWIN WILLIAMS" OR APP. EQ</b><br><b>ALL COLORS SELECTED BY ARCHITECT</b><br><br>PT-1: GREEK VILLA - SW 7551<br>PT-2: MANITOU BLUE - SW 6501<br>PT-3: ECO GREEN - SW 6739<br>PT-4: DANCING GREEN - SW 6716<br>PT-5: OSAGE ORANGE - SW 6890<br>PT-6: BLUSHING - SW 6617<br>PT-7: FLAN - SW 6652<br>PT-8: SUNNY VERANDA - SW 9017<br>PT-9: KALE GREEN - SW 6460<br>PT-10: HAVEN - 6437<br>PT-11: FOUNTAIN - 6787<br>PT-12: GYPSUM CEILING - GREEK VILLA - SW 7551<br>PT-13: EXPOSED CEILING - IRON ORE - SW 7069<br>PT-14: HM METAL FRAME<br>PT-15: SIMPLE WHITE - SW 7021<br>PT-E: MATCH EXISTING PAINT<br>SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION                                                                                                                                                                                                                                                                                                  |
| VCT-X         | <b>VINYL COMPOSITE TILE - SEE SPEC.</b><br>VCT-1: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "LEMON YELLOW"<br>VCT-2: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "BLUE DREAMS"<br>VCT-3: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "GENTIAN BLUE"<br>VCT-4: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "BRUSHED SAND"<br>VCT-5: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "LITTLE GREEN APPLE"<br>VCT-6: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "GREENERY"<br>VCT-7: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "ANTIQUE WHITE"<br>VCT-8: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR "CANTALOUPE" |
| CPT-X         | <b>"CARPET TILES &amp; PLANKS - SEE SPEC.</b><br>CPT-1: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "RADIANT NATURE"<br>CPT-2: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 9"x36", 2.5MM; COLOR "WARMTH"<br>CPT-3: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "GREENERY"<br>CPT-4: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "RAINSTORM"<br>CPT-5: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "TURQUOISE"<br>CPT-6: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "GOLD"<br>CPT-7: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "FOREST"<br>CPT-8: 'ALIGNMENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "CONNECTED TURQUOISE"<br>CPT-9: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR "COBALT"                                                                                                                         |
| CT-X          | <b>"CERAMIC TILE -SEE SPEC.</b><br>CT-1: 'CENTRAL' BY SHAW CONTRACT OR EQUAL; 12"x24", 8MM; COLOR "REST"<br>CT-2: 'LUNAR MANTLE' BY SHAW CONTRACT OR EQUAL; 24"x24", 8MM; COLOR "INK"<br>CT-3: 'KEystone' BY DALTILE OR EQUAL; 1"x1", .25"; COLOR "OLIVE BLEND"<br>CT-4: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR "ARCTIC WHITE"<br>CT-5: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR "ORANGE BURST"<br>CT-6: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR "MATTE SUEDE GREY"                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| EXP-X         | EXP-1: EXPOSED MTL DECK<br>EXP-2: EXPOSED MTL DECK - PAINTED<br>EXP-3: EXPOSED, PREFINISHED ARCHITECTURAL ACOUSTIC METAL DECKING - SEE STRUC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ACT-X         | <b>"ACOUSTIC CEILING TILE - SEE A5.01/A5.02 &amp; SPEC.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| FCB<br>FLP    | FELT CONTOUR BAFFLE - SEE A5.02 & PROJECT MANUAL SECTION 098413<br>FELT LINEAR PANEL - SEE A5.02 & PROJECT MANUAL SECTION 098413                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RWB-X         | <b>"RUBBER WALL BASE -SEE SPEC.</b><br>RWB-1: SHAW CONTRACT; 4" HIGH, COLOR "EARTHEN"<br>RWB-2: SHAW CONTRACT; 4" HIGH, COLOR "NIGHT"<br>RWB-3: JOHNSONITE; 4" HIGH, COLOR "GECO"<br>RWB-4: JOHNSONITE; 4" HIGH, COLOR "NAVY BLUE"<br>RWB-5: JOHNSONITE; 4" HIGH, COLOR "PEBBLE WG"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PL-X          | <b>PLASTIC LAMINATE</b><br>PL-1: WILSONART; COLOR "BLOND ECHO"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EPX-X         | EPOXY POURED RESINOUS FLOORING W/ INTERGRAL BASE - SEE 096723.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONC-S        | CONCRETE SEALED (SEE 099000 - INTERIOR PAINTING)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UPH-X         | UPH-1: DESIGN TEX; BEGUILD BY THE WILD, COLOR "MACAW"<br>UPH-2: DESIGN TEX; BEGUILD BY THE WILD, COLOR "TAMARIN"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WCV-X         | <b>VINYL WALL COVERING</b><br>WCV-1: WALLISM; PEEL AND STICK WALLPAPER, PRINT "FOREST WILDLIFE"<br>WCV-2: CUSTOM VINYL WALL GRAPHIC, OWNER-PROVIDED IMAGE (SEE 097200)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SS-X          | SS-1: FORMICA; EVERMORE SOLID SURFACE, COLOR "TUMBLD GLASS"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |







2 FIRST FLOOR FINISH PLAN  
A9.02 1/8" = 1'-0"

| FINISH LEGEND |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ABBREV.       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PT-X          | <b>PAINT (INTERIOR) "SHERWIN WILLIAMS" OR APP. EQ</b><br><b>ALL COLORS SELECTED BY ARCHITECT</b><br><br>PT-1: GREEK VILLA - SW 7551<br>PT-2: MANITOU BLUE - SW 6501<br>PT-3: ECO GREEN - SW 6739<br>PT-4: DANCING GREEN - SW 6716<br>PT-5: OSAGE ORANGE - SW 6890<br>PT-6: BLUSHING - SW 6617<br>PT-7: FLAN - SW 6652<br>PT-8: SUNNY VERANDA - SW 9017<br>PT-9: KALE GREEN - SW 6460<br>PT-10: HAVEN - 6437<br>PT-11: FOUNTAIN - 6787<br>PT-12: GYPSUM CEILING - GREEK VILLA - SW 7551<br>PT-13: EXPOSED CEILING - IRON ORE - SW 7069<br>PT-14: HM METAL FRAME<br>PT-15: SIMPLE WHITE - SW 7021<br>PT-E: MATCH EXISTING PAINT<br>SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION                                                                                                                                                                                                                                                                                                  |
| VCT-X         | <b>VINYL COMPOSITE TILE - SEE SPEC.</b><br>VCT-1: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'LEMON YELLOW'<br>VCT-2: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'BLUE DREAMS'<br>VCT-3: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'GENTIAN BLUE'<br>VCT-4: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'BRUSHED SAND'<br>VCT-5: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'LITTLE GREEN APPLE'<br>VCT-6: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'GREENERY'<br>VCT-7: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'ANTIQUE WHITE'<br>VCT-8: 'STANDARD EXCELRON IMPERIAL TEXTURE' ARMSTRONG FLOORING OR EQUAL; 12"x12", 2.4MM; COLOR 'CANTALOUPE' |
| CPT-X         | <b>*CARPET TILES &amp; PLANKS - SEE SPEC.</b><br>CPT-1: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'RADIANT NATURE'<br>CPT-2: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 9"x36", 2.5MM; COLOR 'WARMTH'<br>CPT-3: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'GREENERY'<br>CPT-4: 'MEMORY TILE' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'RAINSTORM'<br>CPT-5: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'TURQUOISE'<br>CPT-6: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'GOLD'<br>CPT-7: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'FOREST'<br>CPT-8: 'ALIGNMENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'CONNECTED TURQUOISE'<br>CPT-9: 'GROUNDED ACCENT' BY SHAW CONTRACT OR EQUAL; 24"x24", 2.5MM; COLOR 'COBALT'                                                                                                                         |
| CT-X          | <b>*CERAMIC TILE -SEE SPEC.</b><br>CT-1: 'CENTRAL' BY SHAW CONTRACT OR EQUAL; 12"x24", 8MM; COLOR 'REST'<br>CT-2: 'LUNAR MANTLE' BY SHAW CONTRACT OR EQUAL; 24"x24", 8MM; COLOR 'INK'<br>CT-3: 'KEYSTONE' BY DALTILE OR EQUAL; 1"x1", .25"; COLOR 'OLIVE BLEND'<br>CT-4: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR 'ARCTIC WHITE'<br>CT-5: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR 'ORANGE BURST'<br>CT-6: 'COLOR WHEEL CLASSIC' BY DALTILE OR EQUAL; 3"x6", 5/16"; COLOR 'MATTE SUEDE GREY'                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| EXP-X         | EXP-1: EXPOSED MTL DECK<br>EXP-2: EXPOSED MTL DECK - PAINTED<br>EXP-3: EXPOSED, PREFINISHED ARCHITECTURAL ACOUSTIC METAL DECKING - SEE STRUC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ACT-X         | *ACOUSTIC CEILING TILE - SEE A5.01/A5.02 & SPEC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| FCB<br>FLP    | FELT CONTOUR BAFFLE - SEE A5.02 & PROJECT MANUAL SECTION 098413<br>FELT LINEAR PANEL - SEE A5.02 & PROJECT MANUAL SECTION 098413                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RWB-X         | *RUBBER WALL BASE -SEE SPEC.<br><br>RWB-1: SHAW CONTRACT; 4" HIGH, COLOR 'EARTHEN'<br>RWB-2: SHAW CONTRACT; 4" HIGH, COLOR 'NIGHT'<br>RWB-3: JOHNSONITE; 4" HIGH, COLOR 'GECKO'<br>RWB-4: JOHNSONITE; 4" HIGH, COLOR 'NAVY BLUE'<br>RWB-5: JOHNSONITE; 4" HIGH, COLOR 'PEBBLE WG'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PL-X          | <b>PLASTIC LAMINATE</b><br><br>PL-1: WILSONART; COLOR 'BLOND ECHO'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| EPX-X         | EPOXY POURED RESINOUS FLOORING W/ INTERGRAL BASE - SEE 096723.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONC-S        | CONCRETE SEALED (SEE 099000 - INTERIOR PAINTING)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UPH-X         | UPH-1: DESIGN TEX; BEGUILLED BY THE WILD, COLOR 'MACAW'<br>UPH-2: DESIGN TEX; BEGUILLED BY THE WILD, COLOR 'TAMARIN'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| WCV-X         | <b>VINYL WALL COVERING</b><br><br>WCV-1: WALLISM; PEEL AND STICK WALLPAPER, PRINT 'FOREST WILDLIFE'<br>WCV-2: CUSTOM VINYL WALL GRAPHIC, OWNER-PROVIDED IMAGE (SEE 097200)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SS-X          | SS-1: FORMICA; EVERMORE SOLID SURFACE, COLOR 'TUMBLLED GLASS'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NJ Certificate of Authorization

Eng'y. Nos. 24GA27937600

Arch. Nos. 21AC00012400

Date 08-13-2026

Checked CC

Drawn CP

JEFFREY POTTER, R.A.

This REGISTERED ARCHITECT License No. NJ21A02015400

Date 11/04/25

Description BID ISSUE

PRELIMINARY

NOT FOR CONSTRUCTION

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

**LAN ASSOCIATES**

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FINISH PLANS - 1ST FL

ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM ELEMENTARY SCHOOL

HADDONFIELD BOARD OF EDUCATION

1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10

File No.

A9.02

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GENERAL STRUCTURAL NOTES

STRUCTURAL STEEL NOTES

1. FABRICATION, DETAILING AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" & AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES". QUALITY CONTROL AND QUALITY ASSURANCE DURING STEEL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH CHAPTER N OF AISC 360.
2. ALL STRUCTURAL STEEL TO CONFORM TO THE FOLLOWING:
- WIDE FLANGE FRAMINGS ASTM A992 GRADE 50
  - BASE PLATES, MOMENT PLATES AND SPLICE PLATES ASTM A572 GRADE 50
  - HOLLOW STRUCTURAL STEEL FRAMING ASTM A500 GRADE C
  - ANGLES, CHANNELS AND OTHER PLATES ASTM A36
  - STEEL PIPE ASTM 501 OR A53 GR. B
3. STEEL, JOISTS AND JOIST GIRDERS TO BE DESIGNED AND MANUFACTURED PER THE LATEST EDITION OF THE STANDARD SPECIFICATION FOR STEEL JOISTS AND JOIST GIRDERS PUBLISHED BY THE STEEL JOIST INSTITUTE (SJI). SEE DESIGN CRITERIA FOR LOAD REQUIREMENTS. ALL STEEL JOISTS AND JOIST GIRDER MANUFACTURERS TO BE APPROVED MEMBERS OF SJI. THE MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY AN ENGINEER LICENSED IN THE STATE OF THE PROJECT.
4. VERIFY IN THE FIELD BY A SURVEY ALL EXISTING CONDITIONS CONNECTED WITH HIS WORK INCLUDING ANCHOR BOLT LOCATION PRIOR TO ORDERING ANY MATERIAL OR COMMENCEMENT OF ANY WORK. PROVIDE SATISFACTORY BRACING OF THE EXISTING AND NEW STEEL FRAME UNTIL ALL NEW FRAMING AND THE METAL DECK IS ERECTED AND FINAL CONNECTIONS ARE COMPLETE AND THE CONCRETE SLABS ON METAL DECK ARE PLACED.
5. ALL STRUCTURAL STEEL DIRECTLY EXPOSED TO THE WEATHER SHALL BE HOT DIPPED GALVANIZED AND TOUCHED UP WITH ZRC WHERE ABRADED OR AFTER WELDING (SEE SPECIFICATIONS).
6. MAIN SUPPORT MEMBERS FOR THE METAL DECK ARE SHOWN ON THE CONTRACT DRAWINGS. DURING PREPARATION, SUBMISSION, AND REVIEW OF SHOP DRAWINGS ANY ADDITIONAL SUPPORT OR ATTACHMENT DETAILS REQUIRED TO ESTABLISH THE METAL DECK AT THE REQUIRED ELEVATION SHALL BE PROVIDED BY THE STRUCTURAL STEEL CONTRACTOR AT NO ADDITIONAL COST.
7. ALL MASONRY AND BRICK ANCHORS SHALL BE SHOP WELDED TO THE STRUCTURAL STEEL FRAMING AND COLUMNS. SEE SPECIFICATIONS FOR SPACING ETC.
8. ANY FIELD WELDING TO ANY EXISTING JOIST OR OTHER THIN MEMBER SHALL BE PERFORMED WITH EXTREME CARE SO AS TO AVOID EXCESSIVE DAMAGE TO THE BASE METAL.
9. ALL CONNECTIONS SHALL BE BOLTED OR WELDED, UNLESS NOTED OTHERWISE. FULL DEPTH DOUBLE ANGLE CONNECTIONS ARE TO BE USED ON ALL GIRDER AND BEAM CONNECTIONS TO COLUMNS. BOLTS TO BE SPACED AT 3 INCHES ON CENTER VERTICALLY.
10. ALL BOLTED CONNECTIONS SHALL BE BEARING TYPE "N" WITH THE THREADS INCLUDED IN THE SHEAR PLANE, UNLESS NOTED OTHERWISE. ALL BOLTED CONNECTIONS SHALL BE BOLTED "SNUG-TIGHT" UNLESS NOTED OTHERWISE.
11. ALL BOLTS SHALL CONFORM TO ASTM A325 OR A490. NUTS SHALL CONFORM TO ASTM A563 AND WASHERS SHALL CONFORM TO ASTM A-F436. ALL BOLTS TO BE 3/4" DIAMETER (MIN) OR AS NEEDED FOR CONNECTION DESIGN.
12. PROVIDE A MINIMUM 3/8" THICK FULL DEPTH TAB PLATE FOR ALL PIPE AND TUBE COLUMN CONNECTIONS OR AS NEEDED FOR CONNECTION DESIGN.
13. ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS D1.1 LATEST EDITION. WELDING ELECTRODES SHALL BE E70XX.
14. ALL WELDS SHALL MEET THE MINIMUM WELD SIZE SPECIFIED BY THE AISC MANUAL OF STEEL DESIGN TABLE J2.4 UNLESS NOTED OTHERWISE.
15. ALL ANCHOR BOLTS/RODS SHALL CONFORM TO ASTM F1554 GRADE 36 WITH WELDABILITY SUPPLEMENT S1, UNLESS NOTED OTHERWISE.
16. ALL LINTELS AND SHELF ANGLES IN EXTERIOR WALLS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM 123. ALL POINTS OF WELDING AND AREAS DAMAGED DURING CONSTRUCTION SHALL BE TOUCHED UP WITH ZRC.
17. ALL STEEL NOT RECEIVING FIREPROOFING SHALL BE PAINTED WITH A SHOP COAT OF RUST INHIBITIVE PRIMER. DO NOT PAINT THE FAYING SURFACES OF SLIP-CRITICAL CONNECTIONS. STEEL SCHEDULED TO RECEIVE FIREPROOFING IS INDICATED ON THE ARCHITECTURAL DRAWINGS.
18. ALL STEEL SHALL BE PREPARED WITH POWER TOOL CLEANING (SSPC SP3) PRIOR TO APPLYING PRIMER OR GALVANIZING.
19. MILL CAMBER TO BE ORIENTED UP DURING FABRICATION AND ERECTION.
20. PROVIDE WELDED STIFFENER PLATES ON BOTH SIDES OF THE WEB OF BEAMS AT POINTS OF CONCENTRATED LOAD (BEAM FRAMING OVER THE TOP OF COLUMN OR SUPPORTING A COLUMN). MINIMUM PLATE THICKNESS TO BE 3/8" OR FLANGE THICKNESS OF COLUMNS ABOVE OR BELOW, WHICHEVER IS GREATER. THE COLUMN CAP OR BASE PLATE SHALL HAVE A MINIMUM THICKNESS OF 1/2" OR FLANGE THICKNESS OF BEAM, WHICHEVER IS GREATER.
21. ALL ALUMINUM AND STEEL MEMBERS TO BE TREATED OR PROPERLY SEPARATED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.
22. STEEL FABRICATOR IS SOLELY RESPONSIBLE FOR SURVEYING AND VERIFYING EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO THE LOCATION, ELEVATION AND DIMENSIONS OF EXISTING WALLS AND FRAMING.
23. THE DESIGN AND DETAILING OF ALL CONNECTIONS THAT ARE NOT FULLY DETAILED ON THE STRUCTURAL DRAWINGS ARE THE RESPONSIBILITY OF THE STEEL FABRICATOR. THE CONNECTIONS SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE REQUIREMENTS IN THE AISC SPECIFICATION AND THE CONTRACT DOCUMENTS. ALL CONNECTIONS SHALL BE DESIGNED FOR THE GREATER OF THE REACTIONS GIVEN ON THE FRAMING PLANS OR 30 KIPS (FACTORED LOAD). CONNECTION DESIGN SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECTS JURISDICTION AND HIRED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT THE CONNECTION DETAILS AND SIGNED AND SEALED DESIGN CALCULATIONS, PRIOR TO SUBMITTING PIECE SHOP DRAWINGS.
24. GROUT FOR BASE, LEVELING AND BEARING PLATES SHALL BE NONMETALLIC AND SHRINK-RESISTANT WITH A 6,000 PSI (MIN) COMPRESSIVE STRENGTH AND CONFORM TO ASTM C1107. CONTRACTOR TO SUBMIT GROUT MANUFACTURERS DATA SHEETS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
25. UNLESS NOTED OTHERWISE, ALL BEAMS BEARING ON CONCRETE OR CMU WALLS SHALL BE SUPPORTED BY A STEEL BEARING PLATE WITH (2) 1/2 INCH DIAMETER x 1/2 INCH LONG HEADED STUDS. MINIMUM PLATE THICKNESS TO BE 1/2" OR FLANGE THICKNESS OF BEAM, WHICHEVER IS GREATER. PLATE SHALL BE 1" WIDER THAN THE BEAM WIDTH AND EXTEND TO WITHIN 1/2" OF THE FACE OF THE WALL. FILL TWO COURSES OF CMU BELOW BEAM BEARING SOLID WITH 3,000 PSI GROUT.
26. CONTRACTOR TO SUBMIT A COMPLETE SET OF STEEL SHOP DRAWINGS FOR REVIEW PRIOR TO ANY FABRICATION.
27. FOR ADDITIONAL REQUIREMENTS, SEE TYPICAL DETAILS.

STEEL JOIST NOTES

1. ALL JOISTS SHALL BE DESIGNED FOR WIND UPLIFT PRESSURE OF 15 PSF.
2. ALL STEEL JOISTS SHALL HAVE A SHOP COAT OF RUST INHIBITIVE NON-BITUMINOUS PAINT.
3. STEEL JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED TO THE REQUIREMENTS OF THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE FOR SERIES K JOISTS. MANUFACTURER SHALL BE A MEMBER OF THE STEEL INSTITUTE. ALL BRIDGING TO BE IN ACCORDANCE WITH SJI STANDARDS. COORDINATE WITH DRAWINGS FOR ADDITIONAL BRIDGING LOCATIONS AND REQUIREMENTS.
4. ALL BRIDGING AND CROSS BRIDGING TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SJI SPECIFICATIONS. PROVIDE CROSS BRIDGING AT END BAYS OF HORIZONTAL BRIDGING LINES. SEE PLANS AND SECTIONS FOR ADDITIONAL BRIDGING REQUIREMENTS.
5. DIAGONAL BRIDGING SHALL BE PROVIDED BETWEEN ADJACENT JOISTS WHENEVER BOTTOM CHORD HORIZONTAL BRIDGING IS DISCONTINUOUS.
6. DESIGN JOISTS WITH SPECIAL LOAD REQUIREMENTS FOR LOADS AS INDICATED ON LOADING DIAGRAMS SHOWN ON DRAWINGS.
7. JOISTS SHALL BE PROVIDED WITH STANDARD BEARING SEATS AS INDICATED ON DRAWINGS. WHERE JOISTS WITH VARYING JOIST SEAT HEIGHT SHARE THE SAME BEARING, THE SMALLER JOIST SEAT SIZE SHALL BE INCREASED TO MATCH THE SEAT SIZE OF THE LARGER JOIST.
8. JOISTS SHALL BE CAMBERED AS RECOMMENDED BY SJI.
9. EXTEND, CONNECT AND WELD BOTTOM CHORDS OF JOISTS AT ALL COLUMNS AND WHERE NOTED ON DRAWINGS.
10. PROVIDE RIGID CONNECTION OF BOTTOM CHORDS TO COLUMNS ON ALL K SERIES JOISTS ONLY AFTER ALL DEAD LOADS ARE APPLIED.
11. JOIST MANUFACTURER MUST DESIGN BRIDGING ASSUMING THE ROOF DECK PROVIDES NO BRACING. CONTRACTOR SHALL NOT SUSPEND OR SUPPORT LOADS IN EXCESS OF WHAT IS SHOWN ON THE CONTRACT DRAWINGS AND IN THE DESIGN LOAD SCHEDULE FROM OR ON JOISTS WITHOUT FIRST OBTAINING APPROVAL FROM THE ENGINEER. THIS INCLUDES, BUT NOT LIMITED TO, LOADS FROM PIPING, SPRINKLER MAINS, HVAC, AND EQUIPMENT.
12. MECHANICAL EQUIPMENT SUPPORTS ON OR FROM JOIST CHORDS SHALL BE LOCATED WITHIN FOUR (4) INCHES OF A JOIST PANEL POINT OR JOIST SHALL BE REINFORCED PER THE JOIST REINFORCING DETAIL SHOWN ON THE DRAWINGS. HANGER LOADS SHALL NOT BE ATTACHED TO THE EDGE OF JOIST CHORD ANGLES AND MUST BE CENTERED ON THE JOIST CHORD. DO NOT DRILL OR PUNCH ANY HOLES THROUGH JOIST CHORD ANGLES WITHOUT WRITTEN APPROVAL FROM THE JOIST MANUFACTURER.

| CONCRETE MIX DESIGN AND DURABILITY REQUIREMENTS PER ACI 318 BUILDING CODE |                                         |                              |                     |                          |                                      |                          |                |                       |                      |
|---------------------------------------------------------------------------|-----------------------------------------|------------------------------|---------------------|--------------------------|--------------------------------------|--------------------------|----------------|-----------------------|----------------------|
| LOCATION                                                                  | DENSITY<br>NW = 145 pcf<br>LW = 120 pcf | FREEZE /<br>THAW<br>SEVERITY | SULFATE<br>SEVERITY | IN CONTACT<br>WITH WATER | CORROSION<br>PROTECTION<br>OF REINF. | f' <sub>c</sub><br>(PSI) | AIR<br>CONTENT | w/c<br>RATIO<br>(MAX) | FIBER<br>REINFORCING |
| PERIMETER FOUNDATIONS<br>PIERS & PEDESTALS                                | NW                                      | F2                           | S0                  | W1                       | C1                                   | 4,500                    | 6%             | 0.45                  | ----                 |
| INTERIOR FOUNDATIONS<br>PIERS & PEDESTALS                                 | NW                                      | F0                           | S0                  | W0                       | C0                                   | 4,000                    | ----           | 0.45                  | ----                 |
| EXTERIOR SLAB ON GRADE                                                    | NW                                      | F3                           | S0                  | W1                       | C2                                   | 4,500                    | 6%             | 0.40                  | ----                 |
| INTERIOR SLAB ON GRADE                                                    | NW                                      | F0                           | S0                  | W0                       | C0                                   | 4,000                    | ----           | 0.50                  | ----                 |
| NORMAL WEIGHT SLAB ON<br>METAL DECK                                       | NW                                      | F0                           | S0                  | W0                       | C0                                   | 4,000                    | ----           | 0.50                  | ----                 |
| ALL CONCRETE EXPOSED TO<br>FREEZE-THAW CONDITIONS                         | NW                                      | F3                           | S0                  | W1                       | C2                                   | 4,500                    | 6%             | 0.40                  | ----                 |
| ALL OTHER CONCRETE                                                        | NW                                      | F0                           | S0                  | W0                       | C0                                   | 4,000                    | ----           | 0.45                  | ----                 |

- A. ALL CONCRETE MIX DESIGNS SHALL BE DESIGNED BY ENGINEERS RETAINED BY THE CONCRETE SUPPLIER ACCORDING TO THE CRITERIA CONTAINED WITHIN THESE NOTES AND AS SHOWN ON THE STRUCTURAL DRAWINGS. SUBMIT ALL CONCRETE MIX DESIGNS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. ALL SUBMITTED MIX DESIGNS SHALL INCLUDE SAMPLE CYLINDER BREAK TEST RESULTS CONFIRMING COMPRESSIVE STRENGTH OF EACH MIX DESIGN.
- B. REFER TO CHAPTER 4 OF THE ACI-318 BUILDING CODE FOR ADDITIONAL INFORMATION NOT PROVIDED OR NOTED IN THE ABOVE SCHEDULE.
- C. TOTAL AIR CONTENT LISTED IN THE ABOVE SCHEDULE IS BASED ON A MAXIMUM AGGREGATE SIZE OF 3/4" AND SHALL BE ADJUSTED BY THE CONCRETE MIX DESIGNER AS REQUIRED FOR DIFFERENT AGGREGATE SIZES PER ACI-318.
- D. REFER TO PROJECT SPECIFICATIONS FOR FLY ASH OR OTHER POZZOLANS LIMITATIONS.
- E. (\*) DENOTES PROVIDE CORROSION INHIBITING ADMIXTURE IN ALL PARKING GARAGE SUSPENDED SLAB APPLICATIONS.

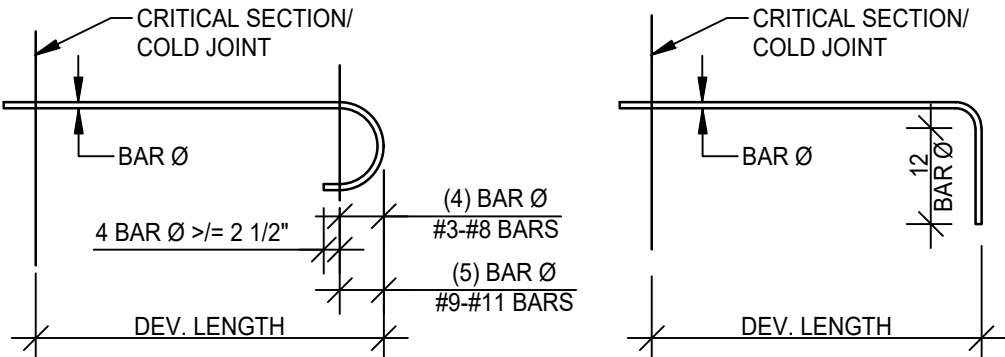
| TENSION DEVELOPMENT LENGTHS (UNCOATED BARS) |                                      |        |          |        |                                      |        |          |        |                                      |        |          |        |  |
|---------------------------------------------|--------------------------------------|--------|----------|--------|--------------------------------------|--------|----------|--------|--------------------------------------|--------|----------|--------|--|
| BAR<br>SIZE                                 | 3,000 PSI CONCRETE                   |        |          |        | 4,000 PSI CONCRETE                   |        |          |        | 4,500 PSI CONCRETE                   |        |          |        |  |
|                                             | L <sub>d</sub> PER SPACING AND COVER |        |          |        | L <sub>d</sub> PER SPACING AND COVER |        |          |        | L <sub>d</sub> PER SPACING AND COVER |        |          |        |  |
|                                             | CASE 1                               |        | CASE 2   |        | CASE 1                               |        | CASE 2   |        | CASE 1                               |        | CASE 2   |        |  |
|                                             | TOP BARS                             | OTHERS | TOP BARS | OTHERS | TOP BARS                             | OTHERS | TOP BARS | OTHERS | TOP BARS                             | OTHERS | TOP BARS | OTHERS |  |
| #3                                          | 22                                   | 17     | 32       | 25     | 19                                   | 15     | 28       | 22     | 18                                   | 14     | 27       | 21     |  |
| #4                                          | 29                                   | 22     | 43       | 33     | 25                                   | 19     | 37       | 29     | 24                                   | 18     | 35       | 27     |  |
| #5                                          | 36                                   | 28     | 54       | 41     | 31                                   | 24     | 47       | 36     | 30                                   | 23     | 44       | 34     |  |
| #6                                          | 43                                   | 33     | 64       | 50     | 37                                   | 29     | 56       | 43     | 35                                   | 27     | 53       | 41     |  |
| #7                                          | 63                                   | 48     | 94       | 72     | 54                                   | 42     | 81       | 63     | 51                                   | 40     | 77       | 59     |  |
| #8                                          | 72                                   | 55     | 107      | 82     | 62                                   | 48     | 93       | 71     | 59                                   | 45     | 88       | 68     |  |
| #9                                          | 81                                   | 62     | 121      | 93     | 70                                   | 54     | 105      | 81     | 66                                   | 51     | 99       | 76     |  |
| #10                                         | 91                                   | 70     | 136      | 105    | 79                                   | 61     | 118      | 91     | 73                                   | 56     | 110      | 84     |  |
| #11                                         | 101                                  | 78     | 151      | 116    | 87                                   | 67     | 131      | 101    | 80                                   | 62     | 120      | 93     |  |

| TENSION SPLICE LENGTHS (UNCOATED BARS) |                                  |        |          |        |                                  |        |          |        |                                  |        |          |        |  |
|----------------------------------------|----------------------------------|--------|----------|--------|----------------------------------|--------|----------|--------|----------------------------------|--------|----------|--------|--|
| BAR<br>SIZE                            | 3,000 PSI CONCRETE               |        |          |        | 4,000 PSI CONCRETE               |        |          |        | 4,500 PSI CONCRETE               |        |          |        |  |
|                                        | LAP LENGTH PER SPACING AND COVER |        |          |        | LAP LENGTH PER SPACING AND COVER |        |          |        | LAP LENGTH PER SPACING AND COVER |        |          |        |  |
|                                        | CASE 1                           |        | CASE 2   |        | CASE 1                           |        | CASE 2   |        | CASE 1                           |        | CASE 2   |        |  |
|                                        | TOP BARS                         | OTHERS | TOP BARS | OTHERS | TOP BARS                         | OTHERS | TOP BARS | OTHERS | TOP BARS                         | OTHERS | TOP BARS | OTHERS |  |
| #3                                     | 28                               | 22     | 42       | 32     | 24                               | 19     | 36       | 28     | 24                               | 19     | 36       | 28     |  |
| #4                                     | 37                               | 29     | 56       | 43     | 32                               | 25     | 48       | 37     | 32                               | 24     | 46       | 36     |  |
| #5                                     | 47                               | 36     | 70       | 54     | 40                               | 31     | 60       | 47     | 39                               | 30     | 58       | 45     |  |
| #6                                     | 56                               | 43     | 84       | 64     | 48                               | 37     | 72       | 56     | 46                               | 36     | 69       | 54     |  |
| #7                                     | 81                               | 63     | 122      | 94     | 70                               | 54     | 106      | 81     | 67                               | 52     | 101      | 77     |  |
| #8                                     | 93                               | 72     | 139      | 107    | 80                               | 62     | 121      | 93     | 77                               | 59     | 115      | 89     |  |
| #9                                     | 105                              | 81     | 157      | 121    | 91                               | 70     | 136      | 105    | 86                               | 67     | 129      | 99     |  |
| #10                                    | 118                              | 91     | 177      | 136    | 102                              | 79     | 153      | 118    | 95                               | 73     | 143      | 110    |  |
| #11                                    | 131                              | 101    | 196      | 151    | 113                              | 87     | 170      | 131    | 104                              | 81     | 156      | 121    |  |

NOTES ON BAR SPLICES

1. CASE 1 - BEAMS AND COLUMNS:  
CONCRETE COVER ≥ db, C-C, BAR SPACING > 2db AND WITH STIRRUPS OR TIES THROUGHOUT L<sub>d</sub> NOT LESS THAN THE CODE MINIMUM  
OTHER MEMBERS: CONCRETE COVER ≥ db, C-C, BAR SPACING ≥ 3db
- CASE 2 - BEAMS AND COLUMNS:  
CONCRETE COVER < db AND C-C, BAR SPACING < 2db  
OTHER MEMBERS: CONCRETE COVER < db OR C-C, BAR SPACING < 3db
2. VERTICAL COLUMN REINFORCING SHALL BE A CONTINUOUS BAR WHENEVER POSSIBLE. IF SPLICES ARE REQUIRED USE LAP LENGTHS SHOWN AND SUBMIT FOR ENGINEER'S APPROVAL.

| STANDARD HOOK TENSION DEVELOPMENT<br>LENGTHS (UNCOATED BARS) (IN.) |           |    |           |    |           |    |
|--------------------------------------------------------------------|-----------|----|-----------|----|-----------|----|
| CONC.                                                              | 3,000 PSI |    | 4,000 PSI |    | 5,000 PSI |    |
| BAR                                                                | NW        | LW | NW        | LW | NW        | LW |
| #3                                                                 | 9         | 11 | 8         | 10 | 7         | 9  |
| #4                                                                 | 11        | 15 | 10        | 13 | 9         | 11 |
| #5                                                                 | 14        | 18 | 12        | 16 | 11        | 14 |
| #6                                                                 | 17        | 22 | 15        | 19 | 13        | 17 |
| #7                                                                 | 20        | 25 | 17        | 22 | 15        | 20 |
| #8                                                                 | 22        | 29 | 19        | 25 | 17        | 23 |
| #9                                                                 | 25        | 33 | 22        | 28 | 20        | 25 |
| #10                                                                | 28        | 36 | 24        | 31 | 22        | 28 |
| #11                                                                | 31        | 40 | 27        | 34 | 24        | 31 |



| DELEGATED DESIGN TABLE |                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1                      | EXCAVATION SUPPORT - SHEETING, SHORING, TEMPORARY BRACING, SUPPORT FOR CONSTRUCTION EQUIPMENT SURCHARGE LOADS                          |
| 2                      | MEANS AND METHODS - BUILDING SHORING DURING CONSTRUCTION, SCAFFOLDING, FALL PROTECTIONS, TEMPORARY SUPPORTS, RIGGING HOISTS AND CRANES |
| 3                      | STEEL CONSTRUCTION - CONNECTION DESIGN, METAL STAIRS, RAILINGS, GURADRAILS, ETC.                                                       |
| 4                      | MASONRY - TEMPORARY MASONRY SHORING                                                                                                    |
| 5                      | SITE APPURTENANCES - SITE WALLS, PLANTERS, POOLS, TRELLISES, GAZEBOES, ETC.                                                            |
| 6                      | UNDERPINNING - EXISTING BUILDING UNDERPINNING (IF REQUIRED)                                                                            |
| 7                      | LIGHT GAUGE METAL FRAMING - NON-LOAD BEARING METAL STUD & METAL STUD CURTAIN WALLS, PRE-MANUFACTURED LIGHT GAUGE TRUSSES               |

1. THE ITEMS LISTED IN THE TABLE ABOVE HAVE NOT BEEN DESIGNED BY THE STRUCTURAL ENGINEER OF RECORD. CONTRACTOR TO RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECTS JURISDICTION TO DESIGN THE SPECIALTY ITEMS LISTED IN THIS TABLE. THE CONTRACTOR SHALL SUBMIT THE SIGNED AND SEALED DESIGN CALCULATIONS AND SHOP DRAWINGS TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL.

| CAST IN PLACE CONCRETE CLEAR COVER<br>FOR REINFORCING                                                                                                        |              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| EXPOSURE CONDITION                                                                                                                                           | COVER        |
| CAST AGAINST AND PERMANENTLY<br>EXPOSED TO EARTH                                                                                                             | 3"           |
| EXPOSED TO EARTH OR WEATHER:<br>#5 AND SMALLER BARS<br>#6 AND LARGER BARS                                                                                    | 1-1/2"<br>2" |
| NOT EXPOSED TO WEATHER OR IN<br>CONTACT WITH THE GROUND:<br>STRUCTURAL SLABS -<br>BEAMS AND COLUMNS<br>(PRIMARY REINFORCEMENT,<br>TIES, STIRRUPS, & SPIRALS) | 1-1/2"<br>2" |
| SLABS ON GRADE                                                                                                                                               | 1-1/2"       |

SHOP DRAWINGS AND SUBMITTALS REQUIREMENTS

| SHOP DRAWINGS AND SUBMITTALS |                                              | SIGNED AND SEALED<br>DRAWINGS | SIGNED AND SEALED<br>CALCULATIONS |
|------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|
| MEANS & METHODS              |                                              |                               |                                   |
| 1                            | TEMPORARY SHORING                            | ●                             |                                   |
| EARTHWORK                    |                                              |                               |                                   |
| 1                            | UNDERPINNING                                 | ●                             |                                   |
| 2                            | TEMPORARY SHEETING & SHORING                 | ●                             |                                   |
| STEEL CONSTRUCTION           |                                              |                               |                                   |
| 1                            | STEEL SHOP DRAWINGS                          |                               |                                   |
| 2                            | STEEL CONNECTION CALCULATIONS                |                               | ●                                 |
| 3                            | STEEL JOIST & JOIST GIRDER SHOP DRAWINGS     |                               |                                   |
| 4                            | METAL DECK SHOP DRAWINGS                     |                               |                                   |
| 5                            | METAL STAIRS, RAILING, GUARDRAILS, ETC       | ●                             | ●                                 |
| 6                            | METAL GRATING                                |                               |                                   |
| CONCRETE CONSTRUCTION        |                                              |                               |                                   |
| 1                            | CONCRETE MIX DESIGN                          |                               |                                   |
| 2                            | CONCRETE REBAR SHOP DRAWINGS                 |                               |                                   |
| 3                            | FORMS, SHORING & RESHORING                   |                               |                                   |
| 4                            | POST-INSTALLED ANCHOR MATERIALS              |                               |                                   |
| MASONRY CONSTRUCTION         |                                              |                               |                                   |
| 1                            | MASONRY REBAR SHOP DRAWINGS                  |                               |                                   |
| 2                            | MASONRY MATERIALS - GROUT, MORTAR, CMU BLOCK |                               |                                   |

1. THE ITEMS LISTED IN THE TABLE ABOVE ARE THE MINIMUM REQUIRED SHOP DRAWINGS FOR THIS PROJECT. IF ADDITIONAL SHOP DRAWINGS OR SUBMITTALS ARE RECEIVED FOR THIS PROJECT, CONTRACTOR SHALL SUBMIT THEM TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
2. ● DENOTES SIGNED AND SEALED DRAWINGS AND/OR SIGNED AND SEALED CALCULATIONS ARE REQUIRED FOR THAT ITEM. DRAWINGS AND/OR CALCULATIONS SHALL BE DESIGNED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THIS PROJECTS JURISDICTION RETAINED BY THE OWNER OR CONTRACTOR.
3. REPRODUCTION OF STRUCTURAL DRAWINGS FOR SUBMITTAL AS SHOP DRAWINGS IS PROHIBITED UNLESS WRITTEN APPROVAL IS REQUESTED BY THE CONTRACTOR AND IT IS GRANTED BY VARANO TOVINSKY, LLC.
4. SUBMIT SHOP DRAWINGS SUCH THAT BY THE TIME THEY ARE RECEIVED BY VARANO TOVINSKY, LLC. THERE WILL BE AT LEAST 14 DAYS BEFORE REVIEWED SUBMITTALS WILL BE NEEDED. ANY REVIEW THAT IS REQUIRED MORE EXPEDIENTLY WILL BE AT THE CONTRACTOR'S EXPENSE. SHOP DRAWINGS SHALL BEAR THE CONTRACTOR'S STAMP OF APPROVAL CERTIFYING THAT HE HAS VERIFIED ALL FIELD MEASUREMENTS, CONSTRUCTION CRITERIA, MATERIALS AND SIMILAR DATA AND HAS CHECKED EACH DRAWING FOR COMPLETENESS, COORDINATION AND COMPLIANCE WITH THE CONTRACT DOCUMENTS. IF REVIEW OF AN INCOMPLETE SHOP DRAWING IS REQUIRED, THAT SHOP DRAWING SHALL BE CLEARLY MARKED AS INCOMPLETE. THE AREA THAT NEEDS TO BE REVIEWED SHALL BE CLEARLY NOTED WITH AN EXPLANATION FOR THE REASON OF PARTIAL APPROVAL.
5. THE CONTRACTOR SHALL SUBMIT SIGNED AND SEALED CALCULATIONS AND SHOP DRAWINGS BY A STRUCTURAL ENGINEER REGISTERED IN THE PROJECTS JURISDICTION SHOWING THE DESIGNS OF METAL STAIRS, METAL RAILINGS AND CONNECTIONS TO STRUCTURE TAKING INTO ACCOUNT THE VERTICAL AND LATERAL LOADS STATED IN THE GOVERNING CODES. WHERE HEADERS OR OTHER TYPES OF STRUCTURAL MEMBERS HAVE BEEN DESIGNATED ON THE STRUCTURAL CONTRACT DRAWINGS TO SUPPORT THE STAIRS, THE CONNECTIONS FROM THE STAIRS SHALL BE DESIGNED SO THAT NO ECCENTRIC OR TORSIONAL FORCES ARE IMPOSED ON THESE STRUCTURAL MEMBERS. IF ECCENTRIC CONNECTIONS ARE USED, CONTRACTOR SHALL PROVIDE BRACING ELEMENTS FOR ALL SUPPORTING STEEL TO ELIMINATE THE TORSIONAL EFFECTS OF THE ECCENTRIC CONNECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EMBEDDED ITEMS AND HARDWARE AS REQUIRED PER THE STAIR DESIGN.



PROJECT #171.03  
101 LAUREL ROAD  
VOORHEES, NJ 08043  
(856) 785-2190

ANTHONY J. VARANO  
NJ PE No. 24GE0508690

|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
| Eng'r. Nos.                     | 24GA28347700 |
| Arch. Nos.                      | 21AC00012400 |
| Date                            | 08/13/26     |
| Checked                         | AV           |
| Drawn                           | WP/AD        |

JEFFREY POTTER, R.A.  
Title: REGISTERED ARCHITECT License No. NJ21A02015400

|      |             |
|------|-------------|
| Date | Description |
|------|-------------|

Engineering,  
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STRUCTURAL LEAD SHEET & SCHEDULES  
ALTERATIONS & ADDITIONS TO J. FIFTH TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08033

Job No. 2.20277.25.10  
File No. File No.

S0.10

BID ISSUE - 08/13/2026 - NOT FOR CONSTRUCTION







|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |                          |                                                                                   |            |       |   |   |   |   |   |   |   |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------|------------|-------|---|---|---|---|---|---|---|---|
| A                                                                                                                                                                                                                                                          | B                                                                                                                                                                                                                                                                           | C                        | D                                                                                 | E          | F     | G | H | J | K | L | M | N | O |
| STEEL SPECIAL INSPECTION REQUIREMENTS (IBC 2021)                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |                          |                                                                                   |            |       |   |   |   |   |   |   |   |   |
| VERIFICATION & INSPECTION                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                             | SERVICE                  | REFERENCE STANDARD                                                                | FREQUENCY  | ----- |   |   |   |   |   |   |   |   |
| INSPECTION OF FABRICATORS                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                             |                          | IBC 1704.2.5                                                                      |            |       |   |   |   |   |   |   |   |   |
| 1                                                                                                                                                                                                                                                          | Verify fabrication/quality control procedures                                                                                                                                                                                                                               | In-plant review          |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
| STEEL CONSTRUCTION                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                             |                          | IBC 1705.2.1                                                                      |            |       |   |   |   |   |   |   |   |   |
| 1                                                                                                                                                                                                                                                          | Fabricator and erector quality control program                                                                                                                                                                                                                              | In-plant self evaluation | AISC 360, Chapter N, Section N2                                                   |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | a. Shop welding, high-strength bolting and details                                                                                                                                                                                                                          |                          | AISC 360, Section N5                                                              |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | b. Shop cut and finished surfaces                                                                                                                                                                                                                                           |                          | AISC 360, Section M2                                                              |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | c. Shop heating for straightening, cambering and curving                                                                                                                                                                                                                    |                          | AISC 360, Section M2.1                                                            |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | d. Tolerances for shop fabrication                                                                                                                                                                                                                                          |                          | Section 11.2 of the Code of Standard Practice                                     |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | e. Field welding, high-strength bolting and details                                                                                                                                                                                                                         |                          | AISC 360, Section N5                                                              |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | f. Steel deck                                                                                                                                                                                                                                                               |                          | Standard for Quality Control and Quality Assurance for Installation of Steel Deck |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | g. Headed steel stud anchor placement & attachment                                                                                                                                                                                                                          |                          | AISC 360, Section N5.4                                                            |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | h. Field cut surfaces                                                                                                                                                                                                                                                       |                          | AISC 360, Section M2.2                                                            |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | i. Field heating for straightening                                                                                                                                                                                                                                          |                          | AISC 360, Section M2.1                                                            |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | j. Tolerances for field erection                                                                                                                                                                                                                                            |                          | Section 11.3 of the Code of Standard Practice                                     |            |       |   |   |   |   |   |   |   |   |
| 2                                                                                                                                                                                                                                                          | Fabricator and erector documents                                                                                                                                                                                                                                            | In-plant self evaluation | AISC 360, Chapter N, Section N3                                                   |            |       |   |   |   |   |   |   |   |   |
| Submittals for steel construction & available documents for steel construction shall conform to AISC 360, Section N3.                                                                                                                                      |                                                                                                                                                                                                                                                                             |                          |                                                                                   |            |       |   |   |   |   |   |   |   |   |
| Welder qualification & continuity records                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                             | In-plant self evaluation |                                                                                   |            |       |   |   |   |   |   |   |   |   |
| 3                                                                                                                                                                                                                                                          | Inspection of fabricators and fabrication procedures                                                                                                                                                                                                                        | In-plant review          | IBC 1704.2.5, AISC 360, Section N6                                                |            |       |   |   |   |   |   |   |   |   |
| Inspection of fabricators and fabrication procedures shall be performed by the Quality Insurance Inspector (special inspector) and shall conform to IBC Sections 1704.2.5 & 1704.2.5.1.                                                                    |                                                                                                                                                                                                                                                                             |                          |                                                                                   |            |       |   |   |   |   |   |   |   |   |
| 4                                                                                                                                                                                                                                                          | Inspection & nondestructive testing personnel                                                                                                                                                                                                                               |                          | AISC 360, Chapter N, Section N4                                                   |            |       |   |   |   |   |   |   |   |   |
| Quality Control Inspector (fabricator or erector) Qualifications, Quality Assurance Inspector (special inspector) Qualifications, and Nondestructive Testing Personnel (inspection agency personnel) Qualifications shall conform to AISC 360, Section N4. |                                                                                                                                                                                                                                                                             |                          |                                                                                   |            |       |   |   |   |   |   |   |   |   |
| 5                                                                                                                                                                                                                                                          | Inspection tasks prior to welding                                                                                                                                                                                                                                           |                          | AISC 360, Chapter N, Table N5.4-1                                                 |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | a. Welder qualification records & continuity records                                                                                                                                                                                                                        | Shop & field inspection  |                                                                                   | Continuous |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | b. Welding procedure specifications (WPSs) available                                                                                                                                                                                                                        | Shop & field inspection  |                                                                                   | Continuous |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | c. Manufacturer certifications for welding consumables available                                                                                                                                                                                                            | Shop & field inspection  |                                                                                   | Continuous |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | d. Material identification (type/grade)                                                                                                                                                                                                                                     | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | e. Welder identification system*                                                                                                                                                                                                                                            | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | f. Fit-up groove welds (including joint geometry)<br>- Joint preparations<br>- Dimensions (alignment, root opening, root face, bevel)<br>- Cleanliness (condition of steel surfaces)<br>- Tacking (tack weld quality & location)<br>- Backing type & fit (if applicable)    | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | g. Fit-up of CJP welds of HSS, T-, Y-, & K-joints without backing (including joint geometry)<br>- Joint preparations<br>- Dimensions (alignment, root opening, root face, bevel)<br>- Cleanliness (condition of steel surfaces)<br>- Tacking (tack weld quality & location) | Shop & field inspection  |                                                                                   | Continuous |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | h. Configuration & finish of access holes                                                                                                                                                                                                                                   | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | i. Fit-up of fillet welds<br>- Dimensions (alignment, gaps at root)<br>- Cleanliness (condition of steel surfaces)<br>- Tacking (tack weld quality & location)                                                                                                              | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | j. Check welding equipment                                                                                                                                                                                                                                                  | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
| * - Fabricator or erector, as applicable shall maintain a system by which a welder who has welded a joint or member can be identified.<br>- Die stamping of members subjected to fatigue shall be prohibited unless approved by the engineer of record.    |                                                                                                                                                                                                                                                                             |                          |                                                                                   |            |       |   |   |   |   |   |   |   |   |
| 6                                                                                                                                                                                                                                                          | Inspection tasks during welding                                                                                                                                                                                                                                             |                          | AISC 360, Chapter N, Table N5.4-2                                                 |            |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | a. Control & handling of welding consumables<br>- Packaging<br>- Exposure control                                                                                                                                                                                           | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | b. No welding over cracked tack welds                                                                                                                                                                                                                                       | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | c. Environmental conditions<br>- Wind speed within limits<br>- Precipitation & temperature                                                                                                                                                                                  | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | d. WPS followed<br>- Setting on welding equipment<br>- Travel speed<br>- Selected welding materials<br>- Shielding gas type/flow rate<br>- Preheat applied<br>- Interpass temperature maintained (min./max.)<br>- Proper position (F, V, H, OH)                             | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | e. Welding techniques<br>- Interpass & final cleaning<br>- Each pass within profile limitations<br>- Each pass meets quality requirements                                                                                                                                   | Shop & field inspection  |                                                                                   | Periodic   |       |   |   |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                            | f. Placement & installation of steel headed stud anchors                                                                                                                                                                                                                    | Shop & field inspection  |                                                                                   | Continuous |       |   |   |   |   |   |   |   |   |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                     |                         |                                   |            |       |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------|------------|-------|--|--|--|--|
| STEEL SPECIAL INSPECTION REQUIREMENTS (IBC 2021) (CONT'D)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                     |                         |                                   |            |       |  |  |  |  |
| VERIFICATION & INSPECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                     | SERVICE                 | REFERENCE STANDARD                | FREQUENCY  | ----- |  |  |  |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Inspection tasks after welding                                                                                                                                                      |                         | AISC 360, Chapter N, Table N5.4-3 |            |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | a. Welds cleaned                                                                                                                                                                    | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | b. Size, length, & location of welds                                                                                                                                                | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | c. Welds meet visual acceptance criteria<br>- Crack prohibition<br>- Weld/base-metal fusion<br>- Crater cross section<br>- Weld profiles<br>- Weld size<br>- Undercut<br>- Porosity | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | d. Arc strikes                                                                                                                                                                      | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | e. k-area <sup>(a)</sup>                                                                                                                                                            | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | f. Weld access holes in rolled heavy shapes & built-up heavy shapes <sup>(b)</sup>                                                                                                  | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | g. Backing removed and weld tabs removed (if required)                                                                                                                              | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | h. Repair activities                                                                                                                                                                | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | i. Document acceptance or rejection of welded joint or member <sup>(c)</sup>                                                                                                        | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | j. No prohibited welds have been added without the approval of the EOR                                                                                                              | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
| <sup>(a)</sup> When welding of doubler plates, continuity plates, or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75 mm) of the weld                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                     |                         |                                   |            |       |  |  |  |  |
| <sup>(b)</sup> After rolled heavy shapes (see AISC Sec. A3.1d) and built-up heavy shapes (see AISC Sec. A3.1e) are welded, visually inspect the weld access hole for cracks.                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                     |                         |                                   |            |       |  |  |  |  |
| <sup>(c)</sup> Die stamping of members subjected to fatigue shall be prohibited unless approved by the EOR.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                     |                         |                                   |            |       |  |  |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Inspection tasks prior to bolting                                                                                                                                                   |                         | AISC 360, Chapter N, Table N5.6-1 |            |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | a. Manufacturer's certifications available for fastener materials                                                                                                                   | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | b. Fasteners marked in accordance with ASTM requirements                                                                                                                            | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | c. Correct fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)                                                        | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | d. Correct bolting procedure selected for joint detail                                                                                                                              | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | e. Connecting elements, including the appropriate faying surface condition & hole penetration, if specified, meet applicable requirements                                           | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | f. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies & methods used                                                   | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | g. Protected storage provided for bolts, nuts, washers, & other fastener components                                                                                                 | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Inspection tasks during bolting                                                                                                                                                     |                         | AISC 360, Chapter N, Table N5.6-2 |            |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | a. Fastener assemblies placed in all holes, & washers & nuts are positioned as required                                                                                             | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | b. Joint brought to the snug-tight condition prior to the pretensioning operation                                                                                                   | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | c. Fastener component not turned by the wrench prevented from rotating                                                                                                              | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | d. Fasteners are pretensioned in accordance with the RGSC Specification, progressing systematically from the most rigid point toward the free edges                                 | Shop & field inspection |                                   | Periodic   |       |  |  |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Inspection tasks after bolting                                                                                                                                                      |                         | AISC 360, Chapter N, Table N5.6-3 |            |       |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | a. Document acceptance or rejection of bolted connections                                                                                                                           | Shop & field inspection |                                   | Continuous |       |  |  |  |  |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Nonconforming materials & workmanship                                                                                                                                               |                         | AISC 360, Chapter N, Section N7   |            |       |  |  |  |  |
| Identification & rejection of materials or workmanship that is not in conformance with the construction documents shall be permitted at any time during the progress of work. Nonconforming material & workmanship shall be brought to the immediate attention of the GC and the fabricator or erector, as applicable. Nonconforming material or workmanship shall be brought into conformance, or made suitable for its intended purpose as determined by the Structural Engineer of Record. Structural repairs shall be reviewed & approved by the AHJ. |                                                                                                                                                                                     |                         |                                   |            |       |  |  |  |  |

Eng'r. Nos. 24GA28347700  
Arch. Nos. 21AC00012400  
Date 08/13/26  
Checked AV  
Drawn WP/AD

JEFFREY POTTER, R.A.  
REGISTERED ARCHITECT  
NJ License No. NJ21A02015400

Date Description

Engineering,  
Planning,  
Architecture,  
Surveying Inc.

LAN ASSOCIATES  
1018 Laurel Oak Road Ste 11,  
Voorhees, NJ 08043 | t. 856-375-2701 | f. 201-447-1233

STEEL SPECIAL INSPECTION TABLE  
ALTERATIONS & ADDITIONS TO J. FITHIAN TATEM  
ELEMENTARY SCHOOL  
HADDONFIELD BOARD OF EDUCATION  
1 GLOVER AVE. HADDONFIELD, NJ 08043

Job No. 2.20277.25.10  
File No. File No.

VARANO TOVINSKY

STRUCTURAL ENGINEERS

PROJECT #171.03  
101 LAUREL ROAD  
VOORHEES, NJ 08043  
(856) 783-2160

ANTHONY J. VARANO  
NJ PE No. 24GE05086900

BID ISSUE - 08/13/2026 - NOT FOR CONSTRUCTION

S0.30

|                                 |              |
|---------------------------------|--------------|
| NJ Certificate of Authorization |              |
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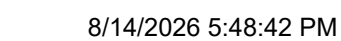


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(856) 783-2160

ANTHONY J. VARANO  
NJ PE No. 24GE05086900





- CONTRACTOR NOTE PER NJUCC BULLETIN NO. 02-2:**  
THE CONTRACTOR SHALL BE RESPONSIBLE TO  
COORDINATE THE NEED TO USE FOUNDATION REBAR  
AS A GROUNDING ELECTRODE SYSTEM AND SHALL BE  
RESPONSIBLE FOR INSTALLING THE BONDING CLAMP  
PRIOR TO PLACEMENT OF THE CONCRETE.

**COLUMN SCHEDULE NOTES:**

1. SEE DWG S2.00 FOR BASE PLATE AND ANCHOR ROD DETAILS.
2. ALL ANCHOR RODS SHALL BE ASTM F1554 (GRADE 36) UNLESS NOTED OTHERWISE
3. ALL BASE PLATES SHALL BE A36 (GRADE 36) UNLESS NOTED OTHERWISE.
4. SEE DWG S0.00 FOR ADDITIONAL STEEL NOTES AND REQUIREMENTS.

**PIER SCHEDULE NOTES:**

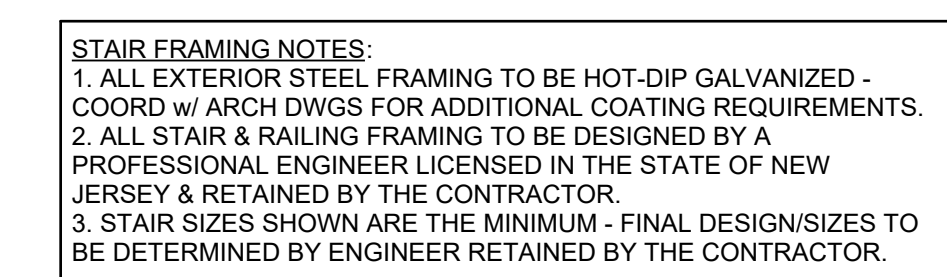
1. SEE DWG S2.00 TYPICAL PIER DETAILS.
2. SEE DWG S0.00 FOR ADDITIONAL CONCRETE NOTES AND REQUIREMENTS

**FOOTING SCHEDULE NOTES:**

1. ALL FOUNDATIONS HAVE BEEN DESIGNED USING AN ALLOWABLE BEARING PRESSURE OF 2,000 PSF PER THE GEOTECHNICAL REPORT REFERENCED ON DWG S0.00.
2. SEE DWG S0.00 FOR ADDITIONAL CONCRETE AND FOUNDATION NOTES AND REQUIREMENTS

PROJECT #171.03  
101 LAUREL ROAD  
VOORHEES, NJ 08043  
(856) 783-2160





### FIRST FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0'

1. TOP OF STEEL ELEVATION = (-0'-6 1/2") BELOW TOP OF SLAB.
2.  DENOTES EXTENT OF CMU WALLS. SEE PLANS FOR WALL THICKNESS & REQUIRED VERTICAL REINFORCING. GROUT ALL CORES WITH VERTICAL REINFORCING SOLID W/ 3,000 PSI GROUT. SEE TYPICAL SECTIONS & DETAILS AND STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
3.  DENOTES SPAN OF 3-1/2 INCH NORMAL WEIGHT CONCRETE SLAB ON 9/16" - 26 GAUGE (COMPOSITE OR FORM) GALVANIZED METAL DECK, (TOTAL SLAB THICKNESS = 4"), REINFORCED WITH 6x6-W2.9x2.9 WWF. ATTACH FLOOR DECK TO SUPPORTING STRUCTURE USING 5/8" DIA. PUDDLE WELDERS IN 3/0/4 PLACEMENT. PROVIDE 16 GAUGE WELD WASHERS W/ 5/8" DIA HOLE AT ALL WELDS.
4.  DENOTES BEAM TO COLUMN MOMENT CONNECTIONS. SEE DETAILS ON S2.10.
5. SECTIONS SHOWN ON PLAN APPLY TO SIMILAR CONDITIONS THROUGHOUT THE BUILDING.
6. SEE DRAWING S0.00 & S0.01 FOR ADDITIONAL STRUCTURAL NOTES.
7. SEE DRAWINGS S3.10 FOR TYPICAL GIRT FRAMING SECTIONS, DETAILS, AND ADDITIONAL INFORMATION.
8. ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO THE START OF ANY NEW WORK.
9. ALL JOISTS ARE TO BE EQUALLY SPACED BETWEEN SUPPORTING MEMBERS UNLESS NOTED OTHERWISE ON PLAN.
10. (VIF) DENOTES TO VERIFY IN THE FIELD.
11. CONTRACTOR TO PROVIDE UNISTRUT FRAMING AS REQUIRED FOR THE SUPPORT OF HVAC UNIT. ALL UNISTRUT FRAMING TO BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY AND RETAINED BY THE CONTRACTOR.
12. PROVIDE #4 BAR x 4'-0" LONG AT MID-DEPTH OF SLAB AT ALL CORNERS AND DOOR LOCATIONS. COORDINATE DOOR LOCATIONS W/ ARCHITECTURAL DRAWINGS.
13.  DENOTES SPAN OF GALV STEEL CMW-4 CLOSE MESH ADA GRATING W/ 1-1/2" x 3/16" THICK BAR & 11/16" o/c SPACING RECT BAR & RECT CROSS BARS FLUSH TOP @ 4" o/c. CONNECT TO STEEL FRAMING W/ HILTI X-FMC CONNECTORS @ 2'-0" o/c.

| LINTEL SCHEDULE |                                         |                                                                                       |
|-----------------|-----------------------------------------|---------------------------------------------------------------------------------------|
| MARK            | SIZE                                    | REMARKS                                                                               |
| L1              | 8" x 8" CMU BOND<br>BEAM w/ (1) #5 CONT | _____                                                                                 |
| L2              | W8x31 + 1/4" PL (GALV)                  |  |
| L3              | W8x31 + 1/4" PL (GALV)                  |  |

LINTEL SCHEDULE NOTES

1. SEE DWG S2.00 FOR TYPICAL DETAILS.
2. ALL LINTELS HAVE A MINIMUM 8" BEARING EA END.
3. GROUT MINIMUM AREA OF 16" x 16" AT LINTEL BEARING SOLID w/ 3,000 PSI UNLESS NOTED OTHERWISE IN PLANS OR SECTIONS & DETAILS.
4. PROVIDE BEARING PLATE AT STEEL LINTEL BEARING PER MASONRY NOTES ON DWG S0.00.
5. ALL STEEL LINTELS FOR LINTELS SHALL BE HOT-DIP GALVANIZED.
6. SEE TYPICAL DETAILS FOR ADDITIONAL LINTEL CONSTRUCTION REQUIREMENTS.

**JEFFREY POTTER, R.A.**

Title REGISTERED ARCHITECT License No. NJ21A/02015400

| Date | Description |
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**LAN**  
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**FIRST FLOOR FRAMING PLAN**

**ALTERATIONS & ADDITIONS TO J. FIFTHIAN TATEM  
ELEMENTARY SCHOOL**

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Job No. **2.20277.25.10**

File No.

**S1.10**