

**PART 4: TECHNICAL SPECIFICATIONS
AND DRAWINGS**

ABK Daycare (Envision Center) Emergency Egress Project AMP-02.

IFB CONTRACT NO. 600-22-26

AT THE:

ENVISION CENTER
BEDFORD HOPE COMMUNITY CENTER

2305 BEDFORD AVENUE
PITTSBURGH, PA 15219

- JUNE 23, 2023 ■ ISSUED FOR CONSTRUCTION
- OCTOBER 25, 2023 ■ REVISED - ISSUED FOR CONSTRUCTION
- MARCH 20, 2024 ■ REVISED - ISSUED FOR CONSTRUCTION

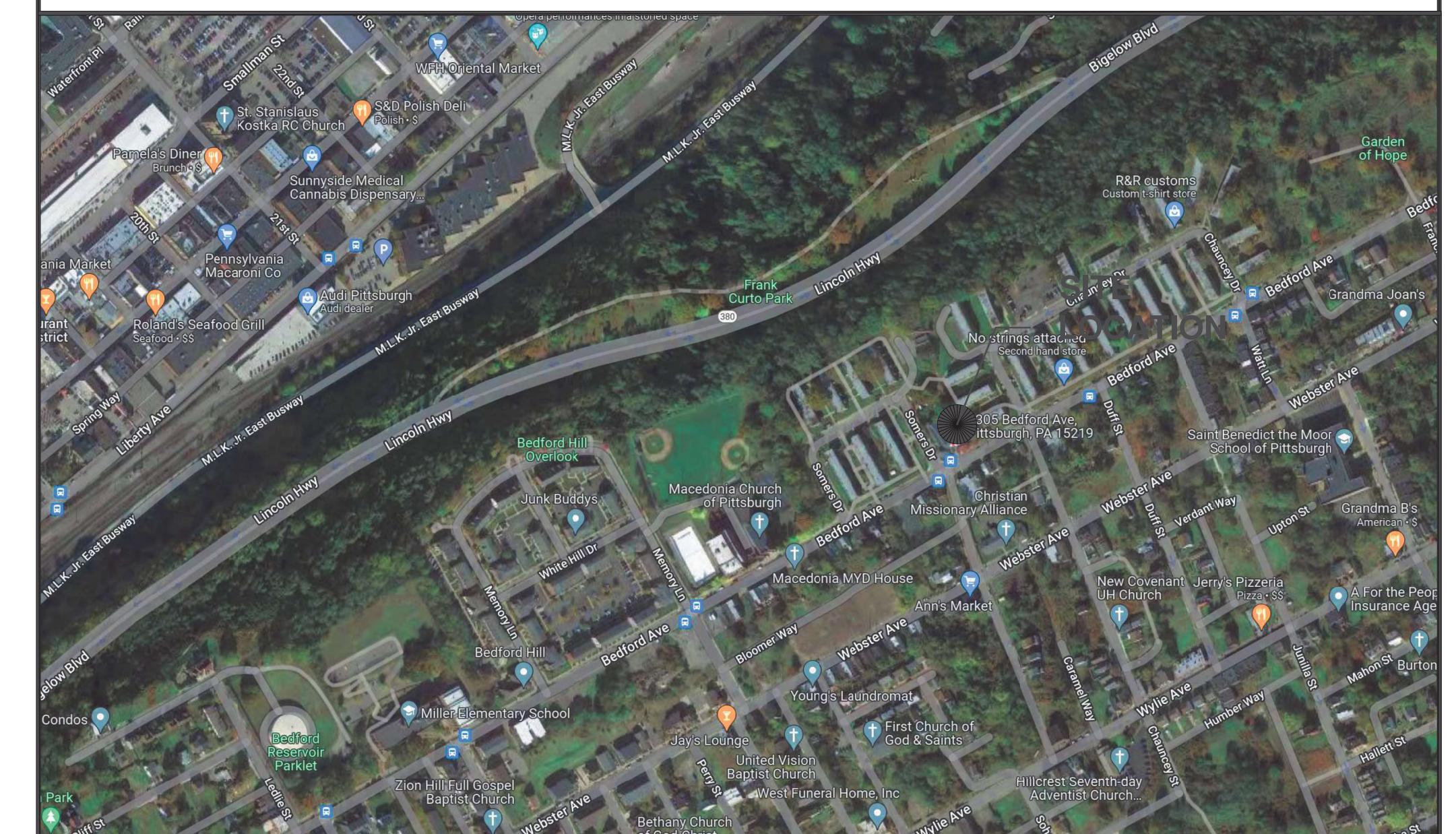


GERARD
ASSOCIATES ARCHITECTS

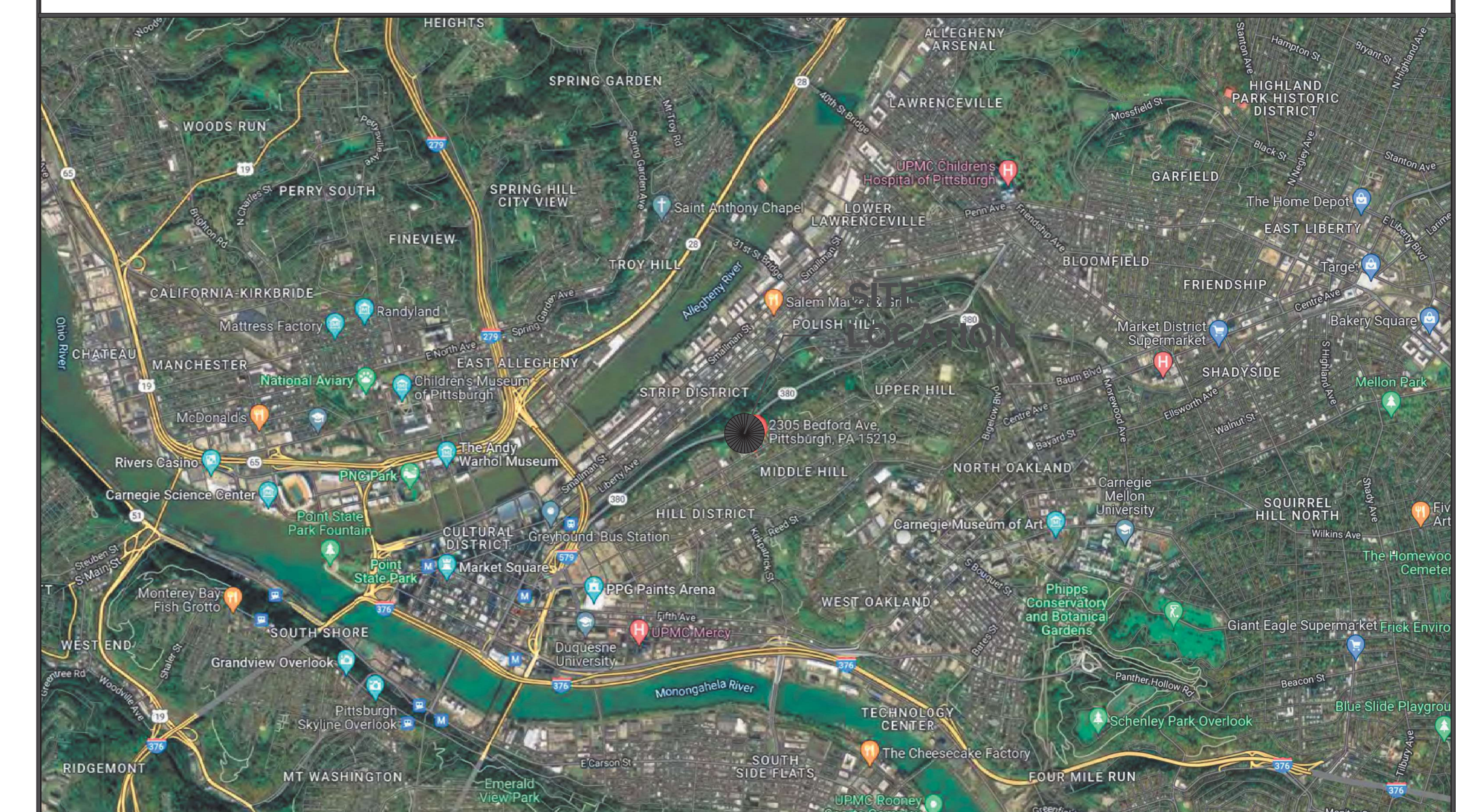
445 FORT PITT BLVD.
FORT PITT COMMONS BUILDING
PITTSBURGH, PENNSYLVANIA 15219-1333
PHONE: 412-566-1531 FAX: 412-566-1532

[illegible]

SITE LOCATION MAP



VICINITY MAP



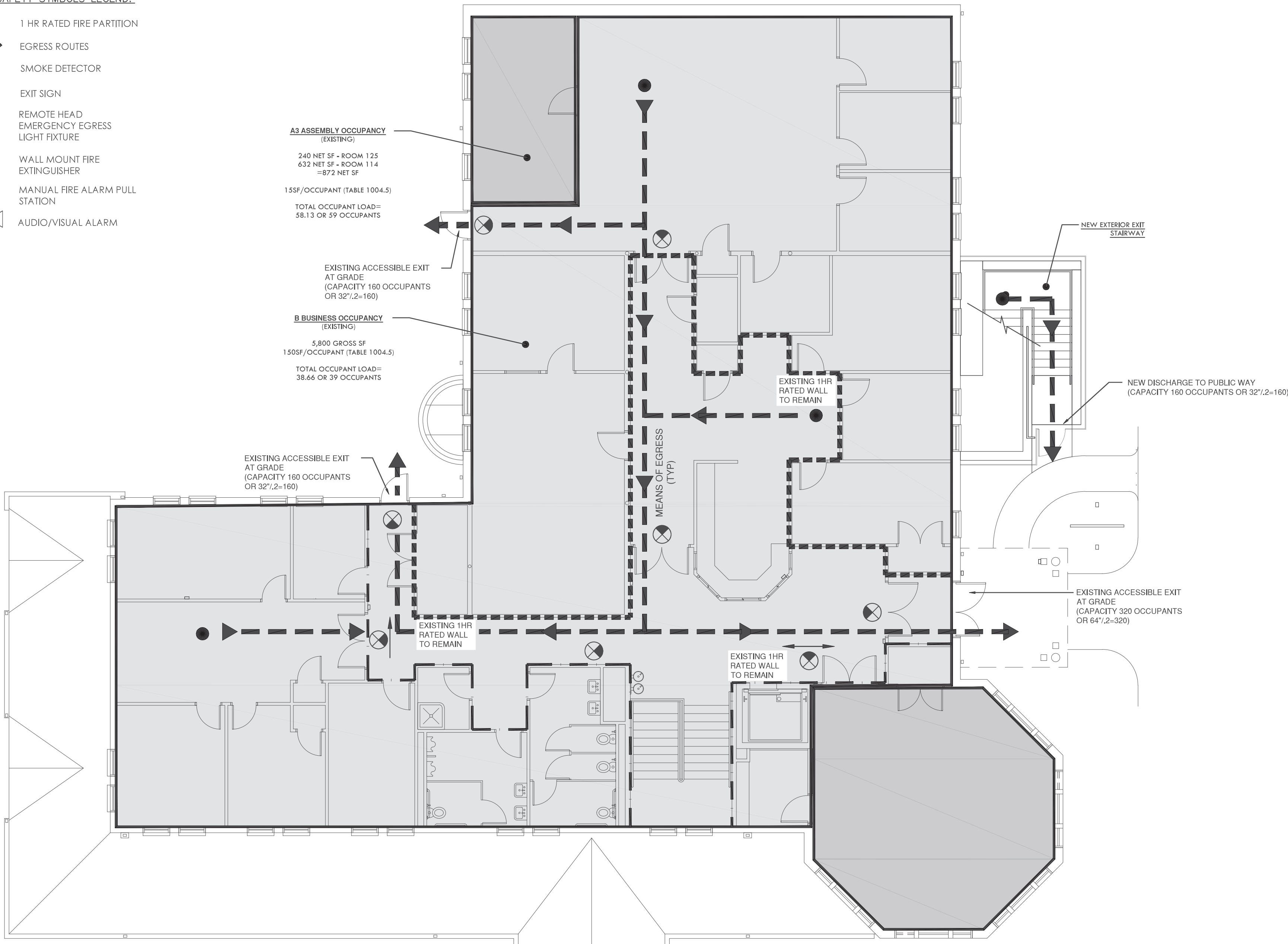
FIRST FLOOR EGRESS PLAN

1/8" = 1'-0"

EXISTING EMERGENCY LIGHTING, SMOKE AND FIRE ALARM SYSTEMS TO REMAIN WITH NO ALTERATION, THIS FLOOR.

UFC SAFETY SYMBOLS LEGEND:

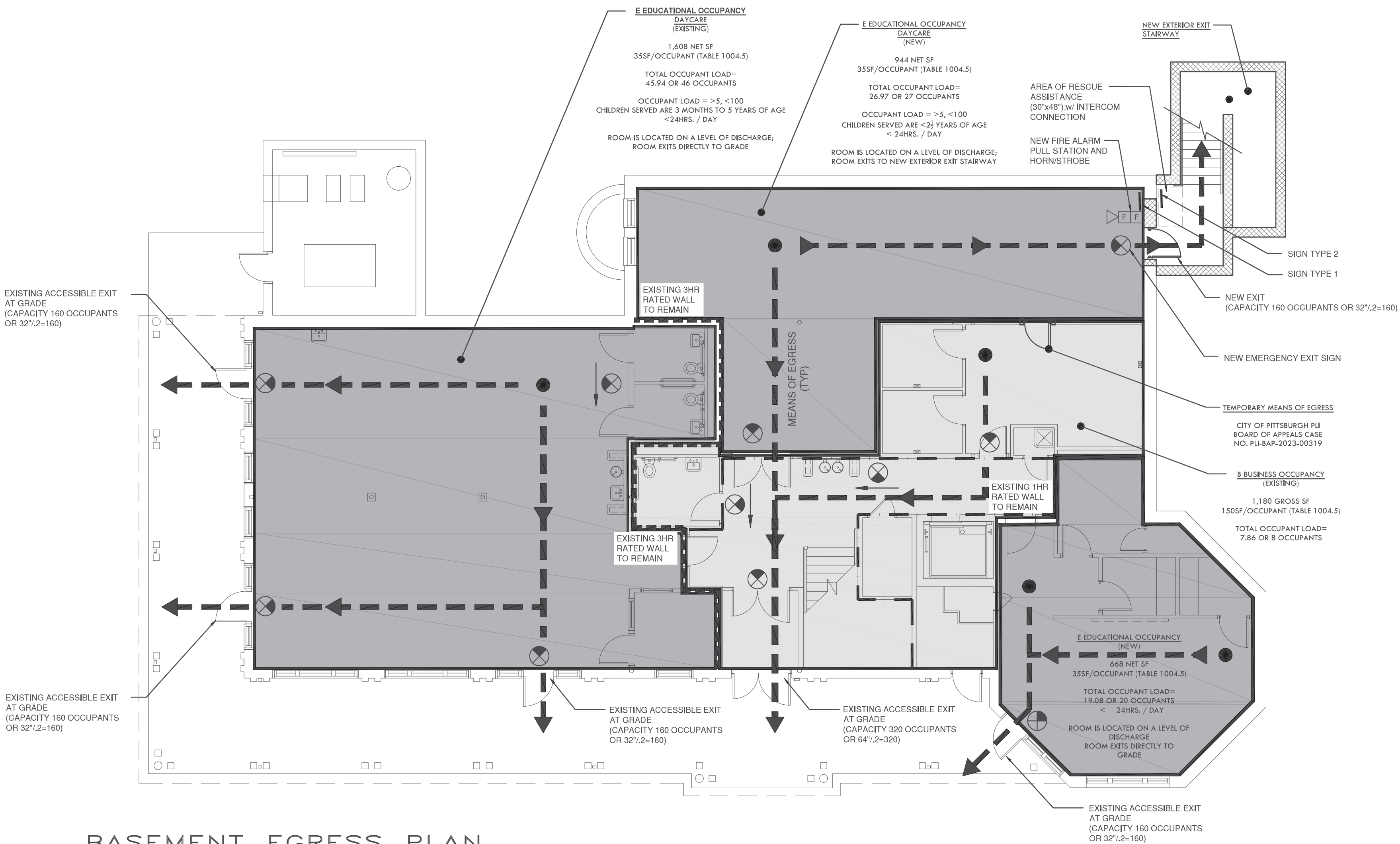
- 1 HR RATED FIRE PARTITION
- EGRESS ROUTES
- SMOKE DETECTOR
- EXIT SIGN
- REMOTE HEAD EMERGENCY EGRESS LIGHT FIXTURE
- WALL MOUNT FIRE EXTINGUISHER
- MANUAL FIRE ALARM PULL STATION
- AUDIO/VISUAL ALARM



BASEMENT EGRESS PLAN

1/8" = 1'-0"

EXISTING EMERGENCY LIGHTING, SMOKE AND FIRE ALARM SYSTEMS TO BE ALTERED AS INDICATED, THIS FLOOR.



BUILDING CODE INFORMATION

- EXISTING OCCUPANCY PERMITS:**
 - Original Structure**
CERTIFICATE OF OCCUPANCY NUMBER 81066, 04/17/2001
USE GROUP: A3/B (BOCA 1996)
CONSTRUCTION TYPE: TYPE V
 - Childcare Facility**
CERTIFICATE OF OCCUPANCY NUMBER 11-OCC-01087, 08/26/2011
USED GROUP: E EDUCATIONAL (IBC 2009)
1ST FLOOR AS CHILD CARE (GENERAL) FOR 30 CHILDREN, 3 MONTHS TO 5 YEARS OF AGE; MONDAY THROUGH SATURDAY, FROM 6:00AM TO 6:00PM, IN EXISTING 2-STORY STRUCTURE.
- SCOPE OF WORK:** The occupancy of the structure is to remain Educational Group E at the Basement level in addition to the existing approved A3 and B non-separated occupancies of the First Floor. The scope of the project includes General Construction as required to construct a new exterior exit stairway providing a second exit to grade from the Infant /Toddler Room.
- INTERNATIONAL BUILDING CODE 2018:**
 - Building Height:** Single story above grade, non-sprinklered, <40'-0" in accordance with Table 504.3. The Basement exiting to Somers Drive does not meet the definition of a "Story Above Grade".
 - Number of Stories:** Single story above grade, non-sprinklered, as permitted for Occupancy Types A3 and E in accordance with Table 504.5. B Occupancy permits 2 stories; non-separated occupancies are subject to the most restrictive allowances in accordance with 508.3.2.
 - Allowable Area:** 6,000 sf/floor, non-sprinklered as permitted by Table 506.2, Occupancy A3 (most restrictive) for Type VB Construction. Building complies when frontage increase is applied.

Frontage increase calculated in accordance with 506.3.3:
 $I_c = [F/P - .25]W/30$
 $I_c = [244/396 - .25]20/30$
 $I_c = [.36].66$
 $I_c = .23$

.23 x 6,000 = 1,380 sf increase or 7,380 sf allowable/floor

Building SF: 5,182 SF (Basement) + 7,072 SF (First Floor) = 12,254 SF (Total)
- Non-Separated Mixed Occupancy A3, B and E in accordance with Section 508.3**

Fire Protection System: Existing building is not sprinklered. Fire protection system is not required for Occupancy Types A3 (903.2.1.3), B, and E (903.2.3).
- Fire Alarm System:** Existing building is protected by an automatic fire alarm system.
- Occupant Load** (Refer to Drawings for individual Load by Occupancy Tabulations):

Basement - 101 Total Occupants; 6 exits provided, 1,120 occupant capacity.
First Floor - 98 Total Occupants; 3 exits provided, 640 occupant capacity.

Maximum Exit Access Travel Distance < 200'-0" in accordance with Table 1017.2.
- Corridors** bear a minimum rating of 1 hr. in accordance with Table 1020.1.
- Two (2) Accessible Means of Egress** are required from Infant/Toddler Room G25 (Section 1009.1); 2 provided. One (1) existing accessible exit to grade; one (1) new Exterior Exit Stairway (Section 1009.2.4).

Exterior Exit Stairway provided with 48" clear width in accordance with Section 1009.3.2.

Exterior Exit Stairway provided with an Area of Refuge in accordance with Sections 1009.3.3 and 1009.6.

Exterior Exit Stairway is permitted in accordance with Section 1027.2 with open sides in accordance with Section 1027.3. The Stairway is open to a public way in accordance with Section 1027.4.

Exterior Exit Stairway is provided with the fire separation distance required by Section 1027.5 and is separated from the interior of the building by 1hr. (min) rated wall construction in accordance with Sections 1023.2 and 1027.6

CODE REQUIRED SIGNAGE SCALE: 6"=1'-0"



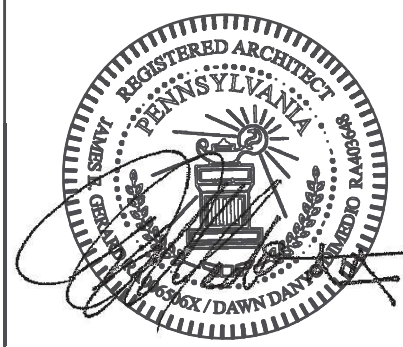
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ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE.

REVISIONS

10/25/23 REVISED PER OWNER TECHNICAL REVIEW



HOUSING AUTHORITY OF
THE CITY PITTSBURGH
TASK ORDER #101
DESIGN OF EMERGENCY EGRESS AT THE
ENVISION CENTER
BEDFORD HOPE
COMMUNITY CENTER

2305 BEDFORD AVENUE
PITTSBURGH PA 15219



GERARD ASSOCIATES ARCHITECTS
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PHONE: 412-566-1531 FAX: 412-566-1532

DRAWING NAME
**CODE ANALYSIS &
EGRESS DIAGRAM**

COMMA. NO. 2309
ISSUE DATE 06/23/23
REVISION NO. 1
DWG NO. G-001



ORIGINAL SURVEY DATA TAKEN FROM DRAWING L1.1, SITE LAYOUT PLAN - BEDFORD HOPE
CENTER DRAWN BY HANSON ASSOCIATES ARCHITECTS, APRIL 15, 1999.

- LOCATION OF
EXISTING WALK

RESTORE LANDSCAPING EDGE MATERIAL UPON COMPLETION OF WORK. MULCH TO BUILDING; MATCH EXISTING. RESTORE SEED/LAWN AND PLANTING AREAS FROM LINE OF EDGING TO EXISTING WALKWAY, BEDFORD AVENUE. WHERE EXISTING PLANT MATERIAL CANNOT BE SALVAGED AND RE-USED UPON COMPLETION OF WORK, REPLACE IN KIND.

EXISTING
FIRST FLOOR
F.F. ELEV. 1137.00

DEMOLISH TWO (2) EXISTING TREES AS REQUIRED
TO COMPLETE NEW WORK.

DEMOLISH EXISTING AREAWAY CONSTRUCTION IN _____
ITS ENTIRETY INCLUDING BUT NOT LIMITED TO GRATE,
SUPPORTING STRUCTURE AND MODULAR RETAINING WALL.

WHERE NEW STAIR LANDING MEETS EXISTING WALKWAY,
PATCH EXISTING AS REQUIRED.

SCOPE OF WORK

BEDFORD AVENUE

TEMPORARY BARRICADE
OR DURATION OF
CONSTRUCTION SHALL BE
CHAIN LINK FENCE.
MINIMUM LIMITS SHOWN.

RELOCATE EXISTING
YARD INLET. TIE
OUTLET INTO NEW
STAIR STORM LINES
AS REQUIRED.
RM ELEV 1136.50

EXISTING
GROUND (BASEMENT) FLOOR
F.F. ELEV. 1126.00

EXISTING
PARKING

EXISTING PLAY

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DRAWING NAME

SITE PLAN

COMM. NO.

2309

ISSUE DATE
06/23/23

REVISION NO.



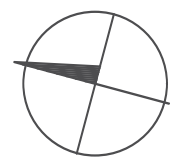
ING NO.

C-101

CALL BEFORE YOU DIG
PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE—STOP CALL

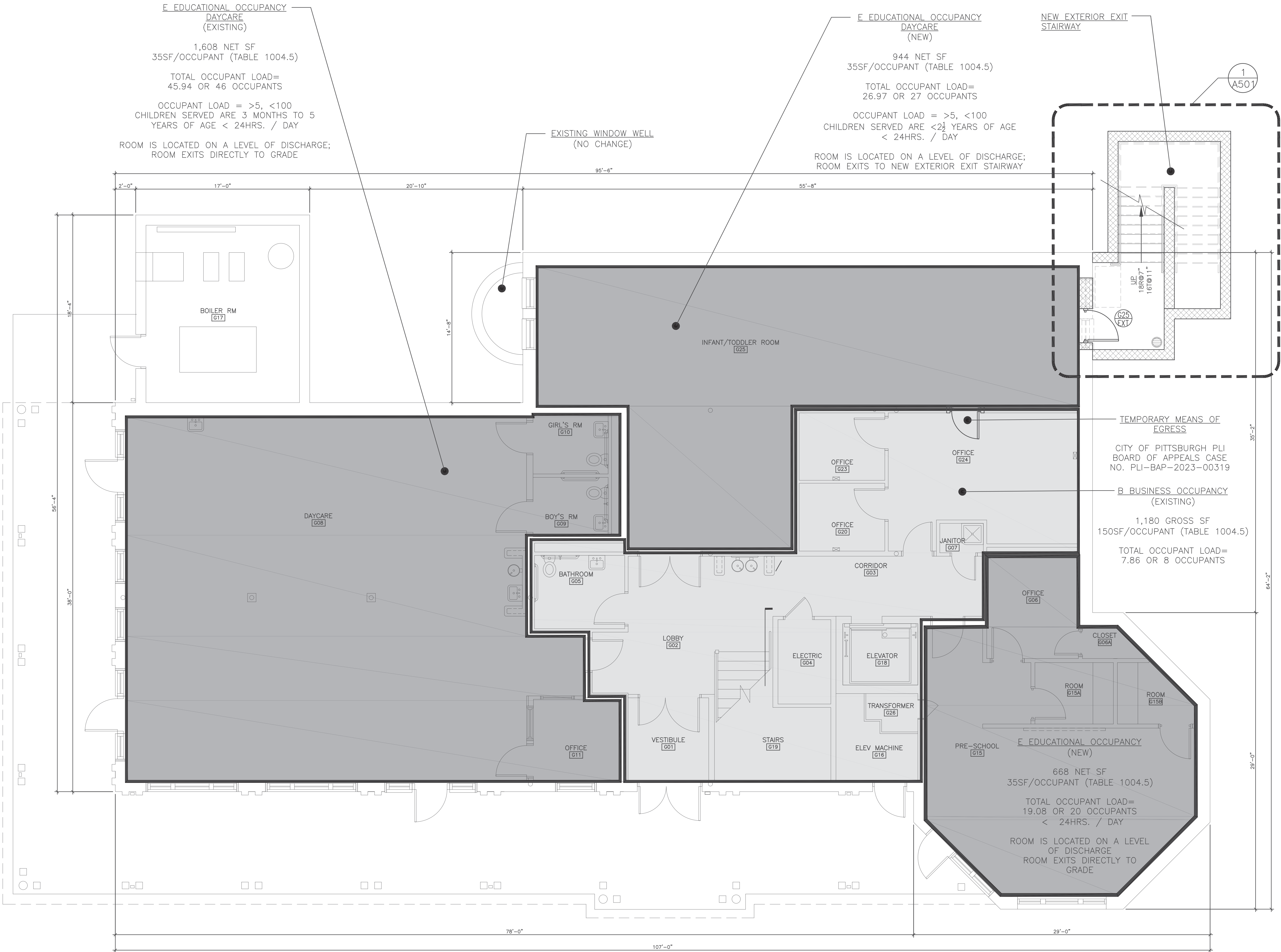
Pennsylvania One Call System, Inc.

1-800-242-1776



EXISTING BASEMENT PLAN

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



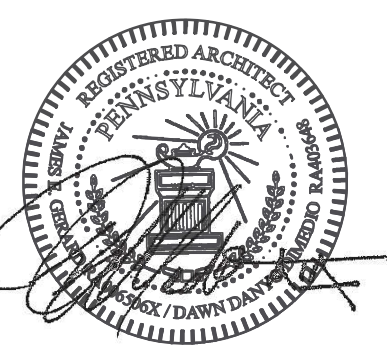
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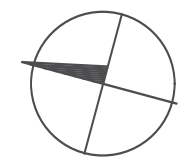


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DRAWING NAME

BASEMENT PLAN

CDWA. NO. 2309	REVISION NO. 1	DWG. NO. A-101
ISSUE DATE 06/23/23		



EXISTING FIRST FLOOR PLAN

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

A3 ASSEMBLY OCCUPANCY
(EXISTING)

240 NET SF - ROOM 125
632 NET SF - ROOM 114
=872 NET SF

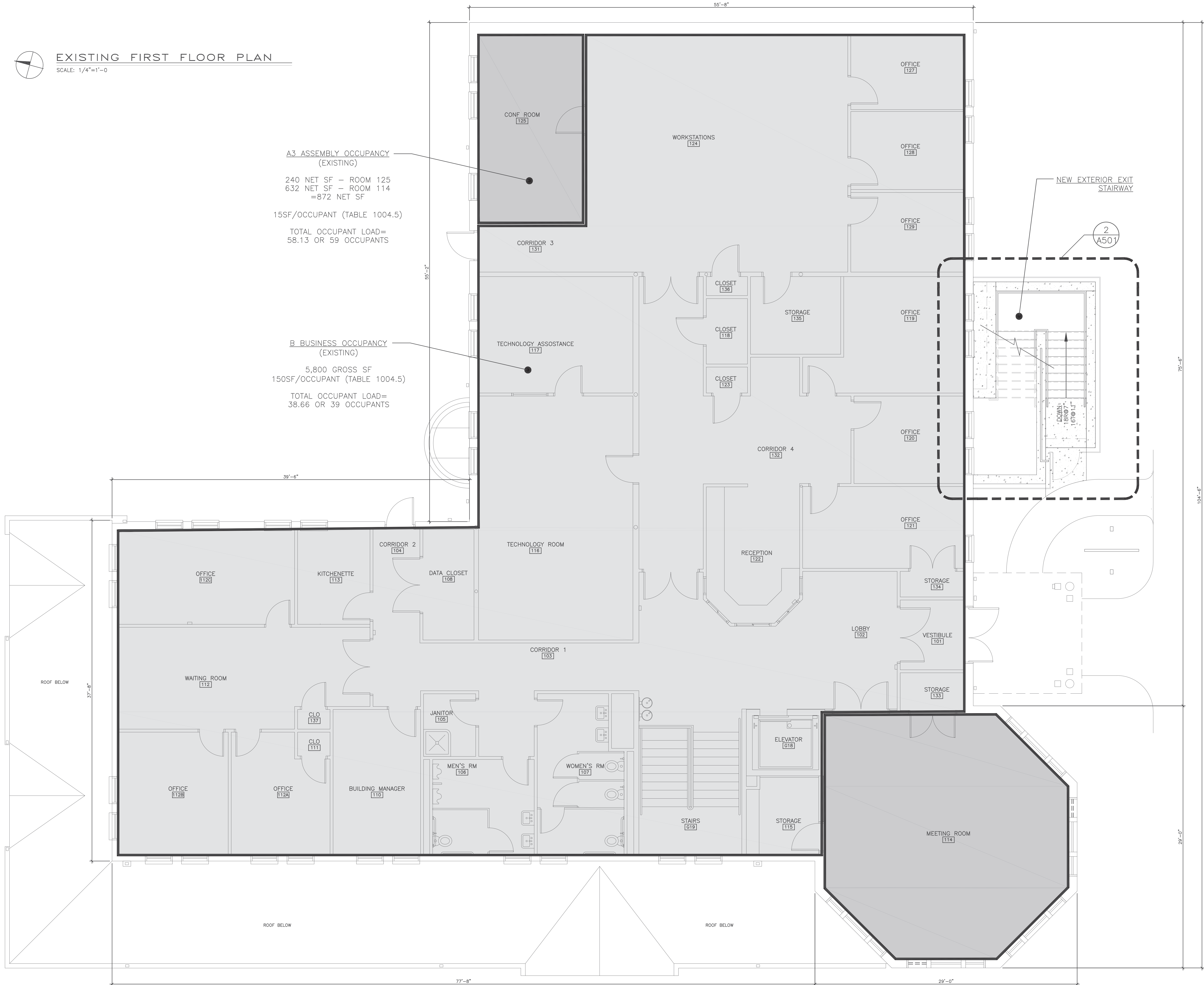
15SF/OCCUPANT (TABLE 1004.5)

TOTAL OCCUPANT LOAD=
58.13 OR 59 OCCUPANTS

B BUSINESS OCCUPANCY
(EXISTING)

5,800 GROSS SF
150SF/OCCUPANT (TABLE 1004.5)

TOTAL OCCUPANT LOAD=
38.66 OR 39 OCCUPANTS



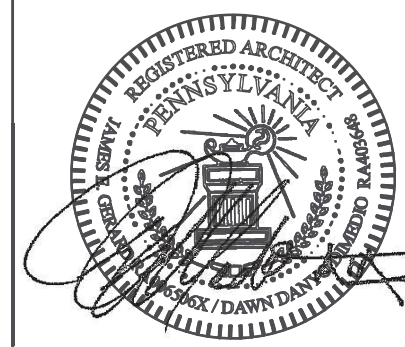
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PHONE: 412-566-1531 FAX: 412-566-1532

DRAWING NAME

FIRST FLOOR PLAN

COWA. NO.

2309

ISSUE DATE

06/23/23

REVISION NO.

1

ISSUE DATE

06/23/23

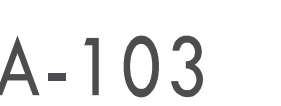
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A-102



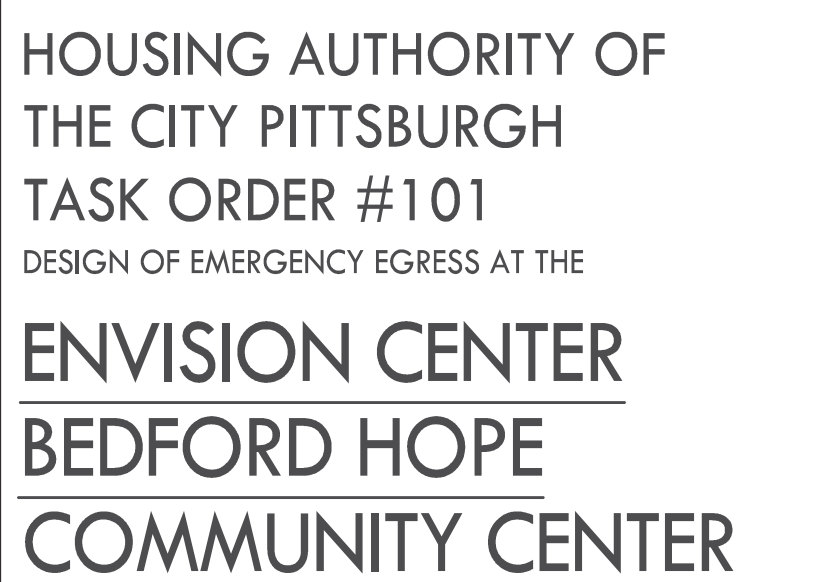
2
A501

A diagram showing a triangle with its interior angle labeled 1.



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DRAWING NAME

COMM. NO. 2309	REVISION NO. 	DWG NO. A-201
ISSUE DATE 06/23/23		

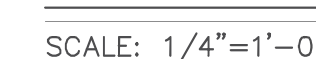
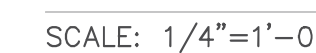


Architectural elevation drawing of a building facade. The drawing shows a two-story structure with a gabled roof, a central entrance with a pediment, and a large arched window on the right. Dimensions are provided: 25'-0" from the first floor to the top of the truss, and 11'-5" from the basement floor to the first floor. The first floor elevation is 1137.00, and the basement floor elevation is 1126.00. The drawing is labeled "TOP OF TRUSS ELEV. 1162.00", "FIRST FLOOR ELEV. 1137.00", "BASEMENT FLOOR ELEV. 1126.00", and "GRADE PLANE".

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

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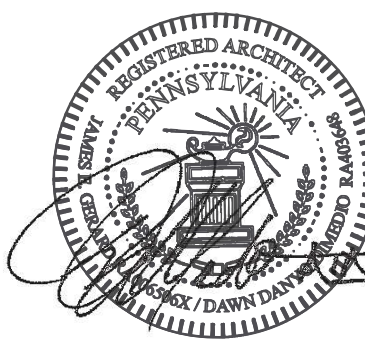
REVISIONS

1	10/25/23	REVISED PER OWNER TECHNICAL REVIEW
2	03/20/24	ADDITIONAL STRUCTURAL DETAILS
3	05/13/24	REVISED PER PLI

DRAWING NAME

SECTION AND DETAILS

COWA NO. 2309	REVISION NO. 1	DWG NO. A-501
ISSUE DATE 06/23/23		



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TASK ORDER #101

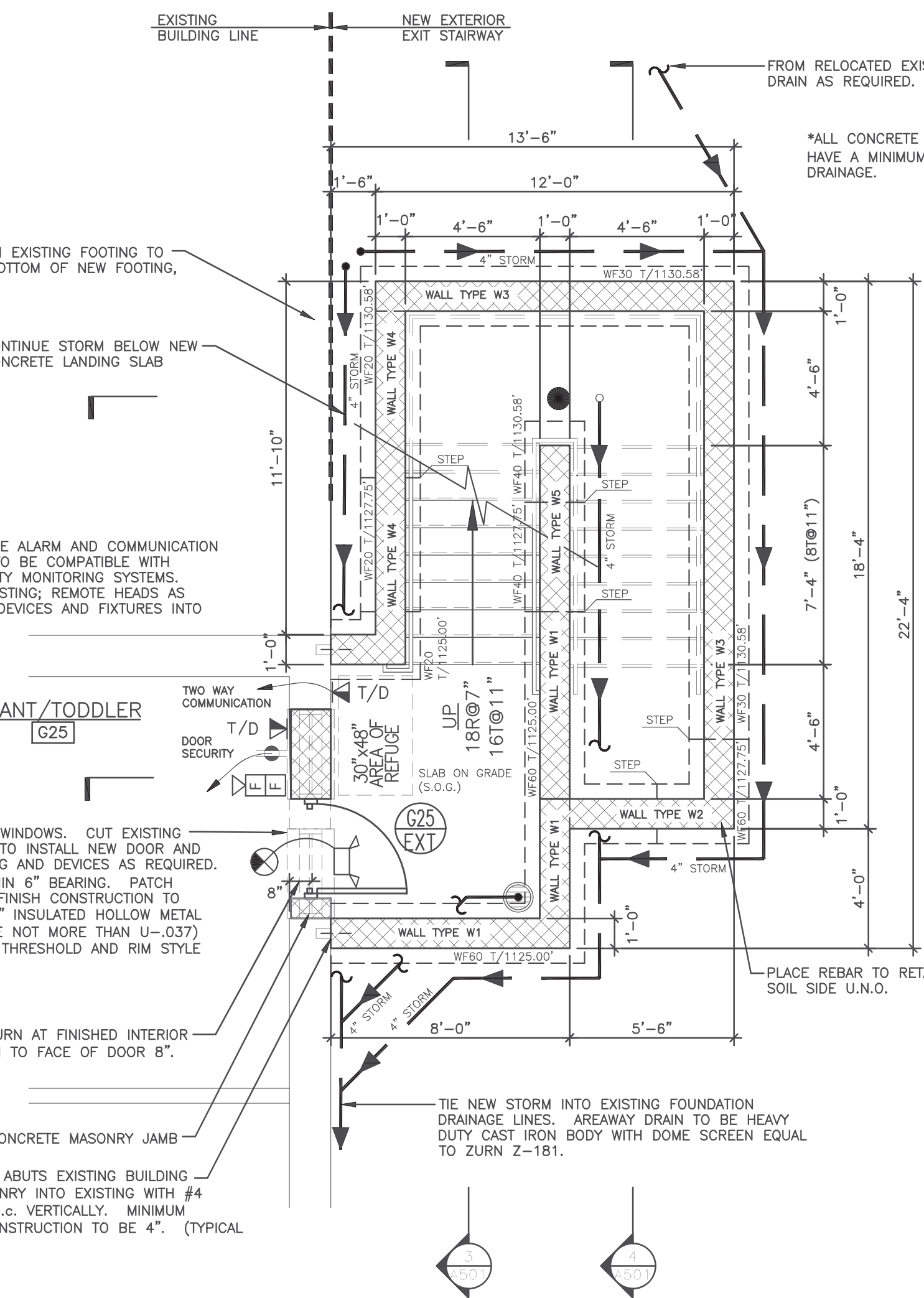
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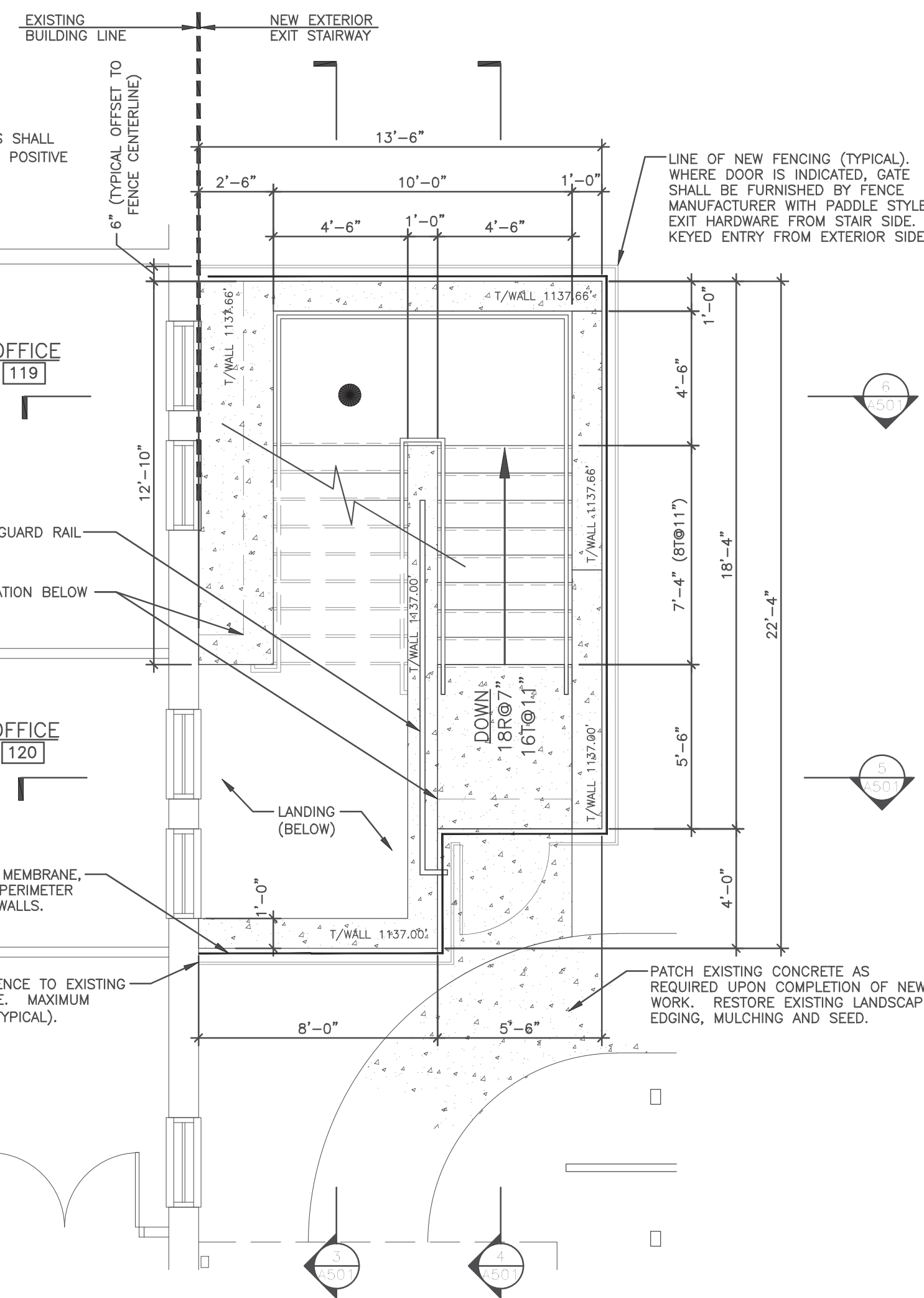
ENLARGED PLAN

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

(BASEMENT LANDING)

FOUNDATION PLAN NOTES:

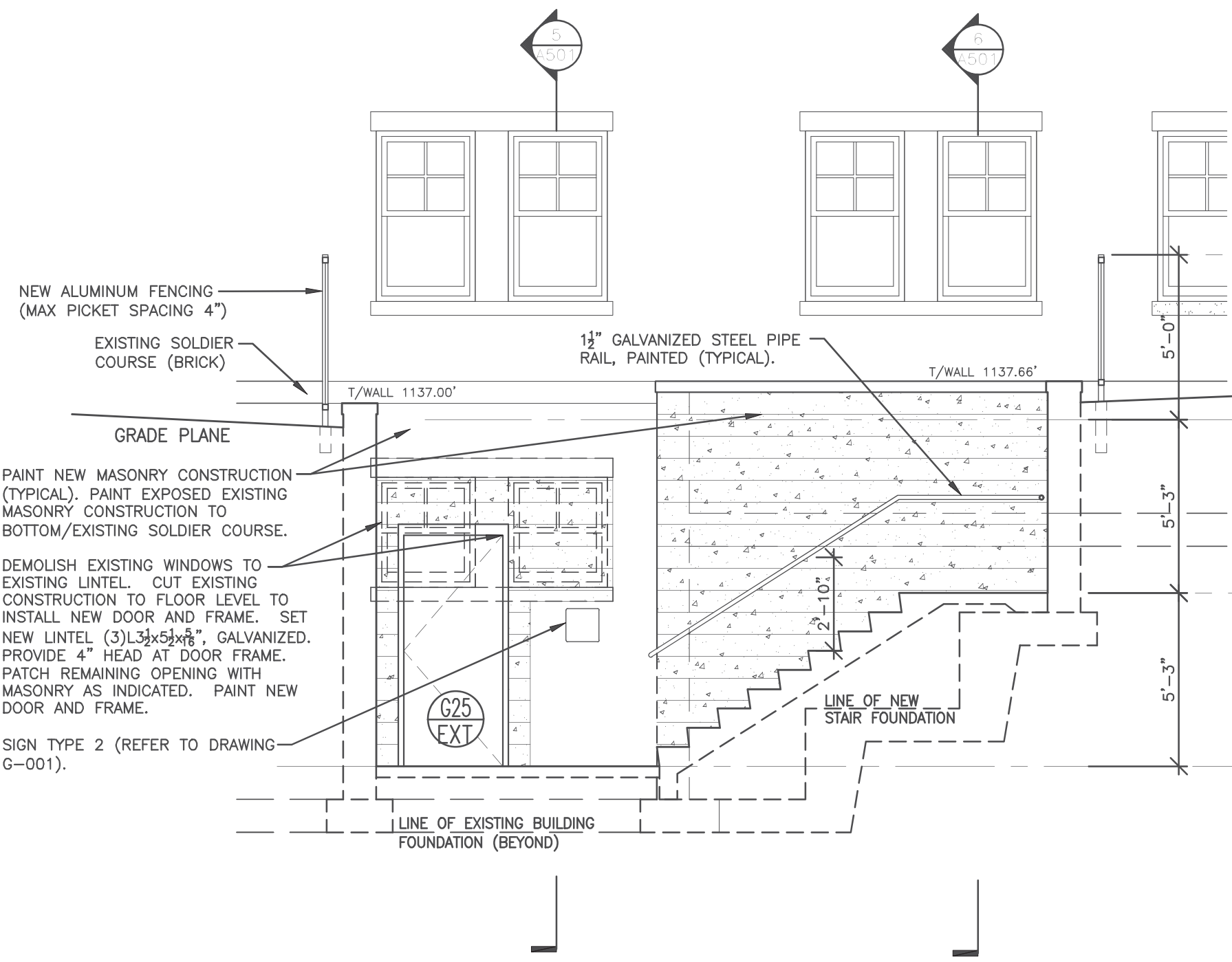
1. ALL ELEVATIONS ARE REFERENCED FROM EXISTING FIRST FLOOR SLAB ELEVATION 1136.5'
2. FLOOR SLAB IS A 4" CONCRETE SLAB ON GRADE REINFORCED WITH 6x6-W2.1xW2.1 W.W.F. PLACE SLAB ON VAPOR RETARDER OVER 6" WELL GRADED/COMPACTED GRANULAR BASE, SEE GENERAL NOTES DRAWING A-502.
3. WALL FOOTINGS TO BE CENTERED ON FOUNDATION WALLS U.N.O.
4. REFER TO BALANCE OF ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS AND INFORMATION.



ENLARGED PLAN

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

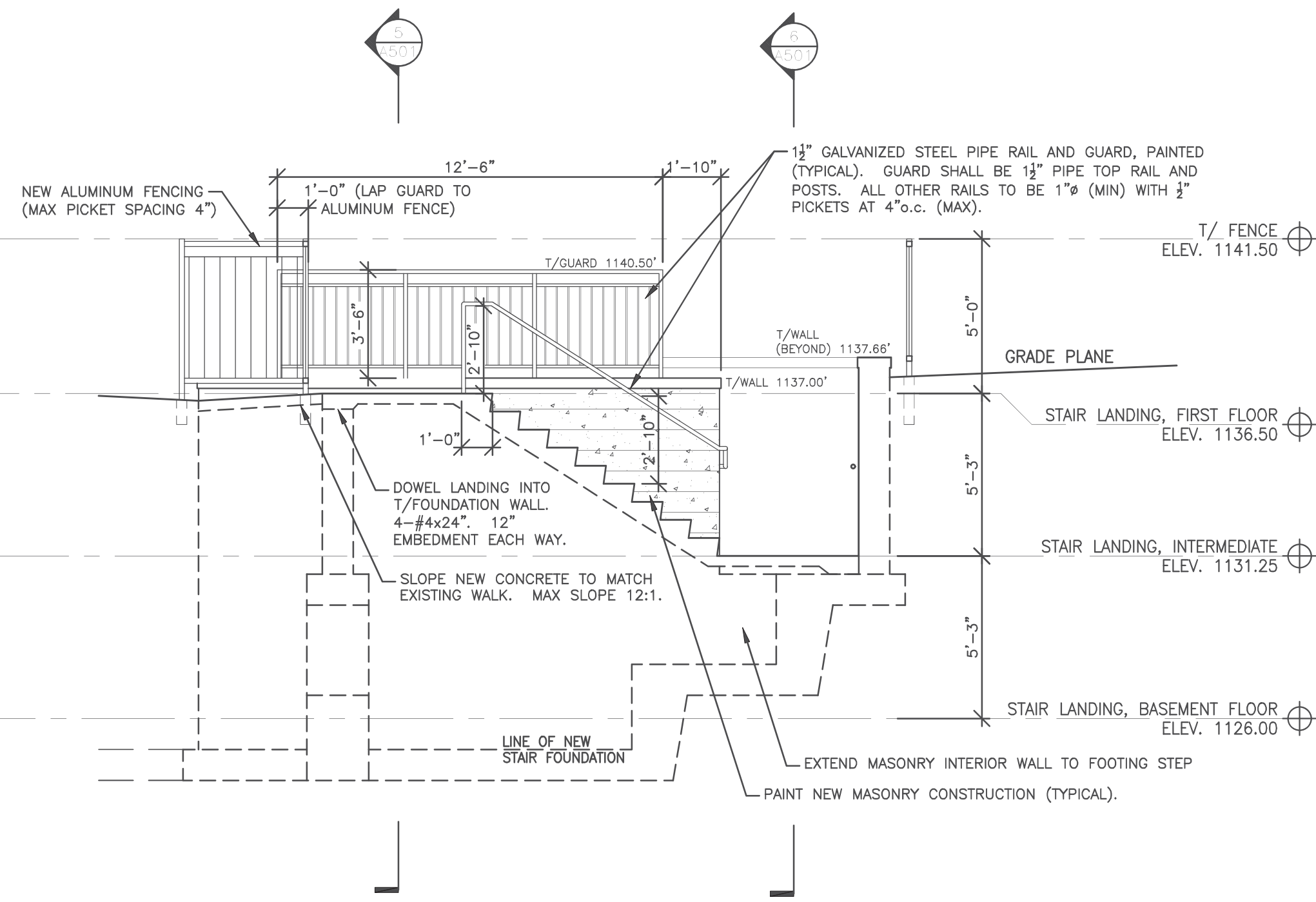
(FIRST FLOOR LANDING)



SECTION/ELEVATION

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

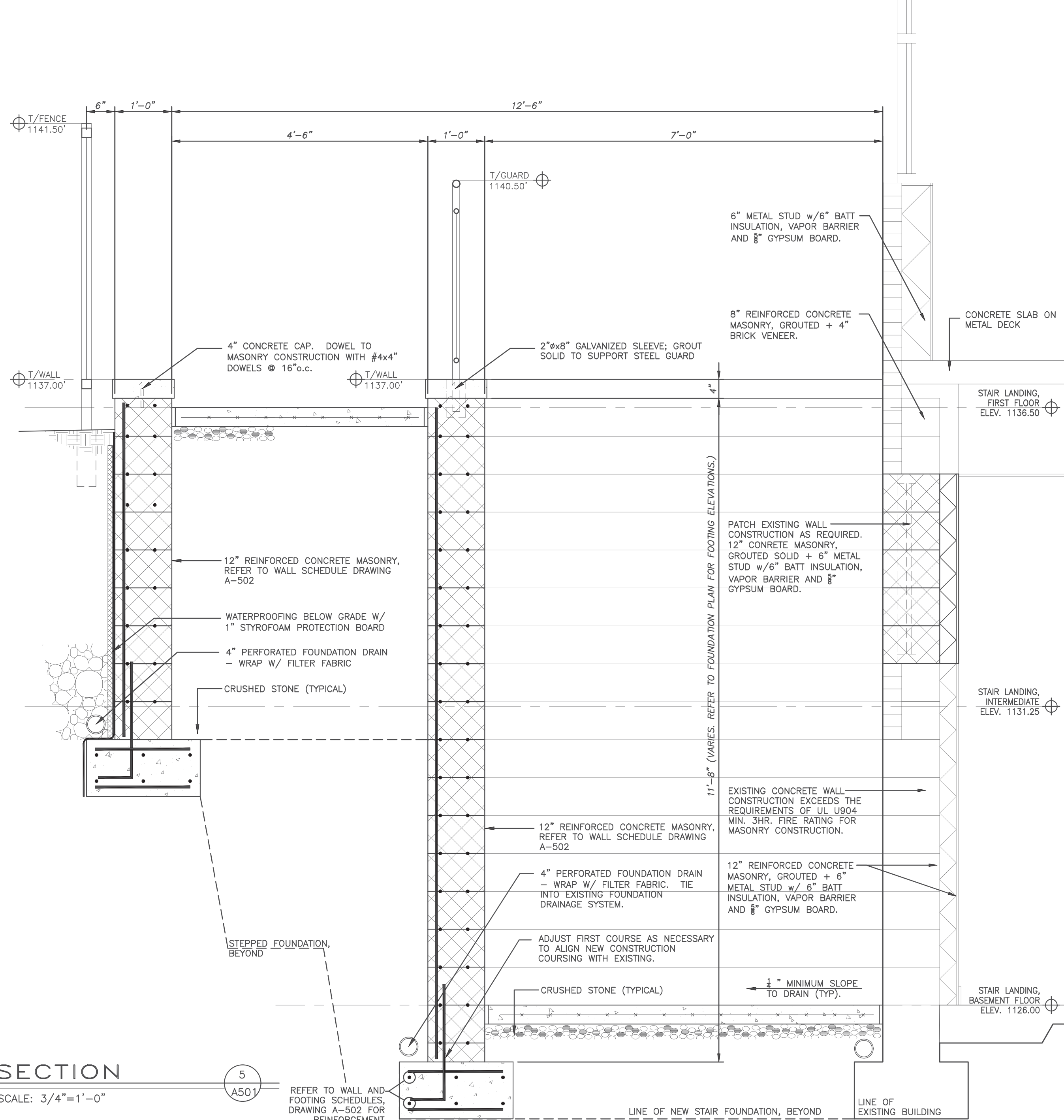
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SECTION/ELEVATION

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

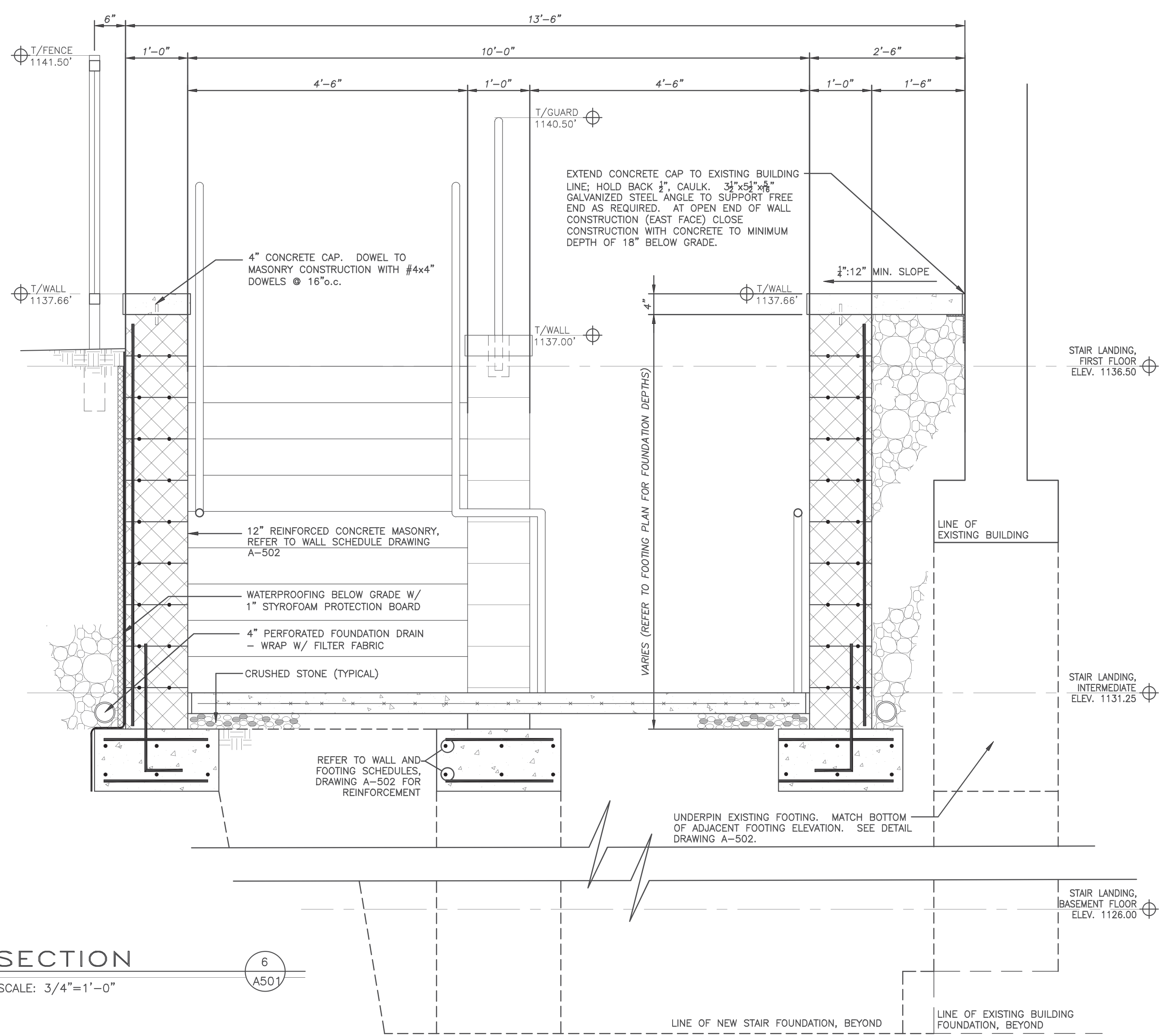
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SECTION

SCALE: 3/4"=1'-0"

5

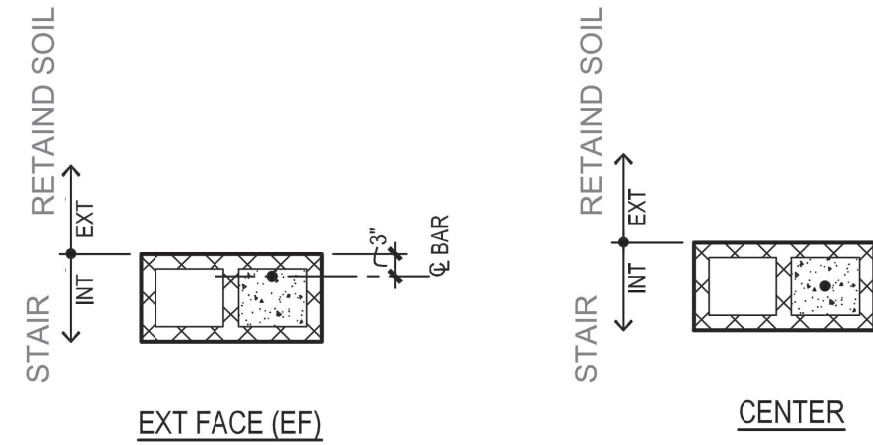


SECTION

SCALE: 3/4"=1'-0"

6

MASONRY WALL SCHEDULE						FOOTING SCHEDULE			
MARK	THICKNESS	VERT REINF	HORIZ REINF	BAR LOCATION	REMARKS	MARK	DIMENSIONS (L x W x D)	REINFORCING (EA WAY, TOP&BOT)	REMARKS
W1	12" IVANY BLOCK	#8@8" OC	(2) #3 @8" OC	RETAINED SOIL SIDE (SEE PLAN)		WF60	CONTx6'-0"x1'-2"	#6@12" OC EA WAY	
W2	12" IVANY BLOCK	#8@16" OC	(2) #3 @8" OC	RETAINED SOIL SIDE (SEE PLAN)		WF60	CONTx6'-0"x1'-2"	#6@12" OC EA WAY	
W3	12" IVANY BLOCK	#6@32" OC	(2) #3 @8" OC	RETAINED SOIL SIDE (SEE PLAN)		WF30	CONTx3'-0"x1'-0"	(4) #5 CONT #5 @ 24" OC TRANS	
W4	12" IVANY BLOCK	#5@32" OC	(2) #3 @8" OC	CENTER		WF20	CONTx2'-0"x1'-0"	(3) #5 CONT #5 @ 24" OC TRANS	
W5	12" IVANY BLOCK	#6@16" OC	(2) #3 @8" OC	RETAINED SOIL SIDE (SEE PLAN)		WF40	CONTx4'-0"x1'-0"	(5) #5 CONT #5 @ 24" OC TRANS	



- 1.0 GENERAL
- 1.1 The structural drawings shall govern the work for structural features, unless otherwise noted. Discrepancies between the architectural and structural drawings shall be reported to the architect and engineer for review and clarification before proceeding with related work.
- 1.2 In case of conflict between the General Notes, Specifications, and Drawings regarding structural issues, the Contractor shall submit an RFI for clarification.
- 1.3 The contractor is responsible for means and methods of construction and construction procedures, fabrication processes, coordination of work with other trades and jobsite safety.
- 1.4 Existing building information shown is as indicated on existing building drawings. Information shown may not necessarily reflect actual conditions. The Contractor shall field verify existing building information shown (dimensions, elevations, etc.) and notify the Architect of any discrepancies prior to fabrication of any structural component.
- 1.5 The structure has been designed for its final use condition. Temporary bracing, sheathing, shoring, etc., required to ensure the structural integrity/stability of the structure, adjacent existing structures, sidewalks, utilities, etc., during construction is the Contractor's responsibility and shall be designed by a Registered Professional Engineer employed by the contractor.

- 2.0 DESIGN CRITERIA
- 2.1 Design Codes:
- a. IBC 2018
 - b. ANSI/ASCE-7 2016
 - c. PA Uniform Construction Code (UCC)
- 2.2 Live Loads:
- a. Slabs: 100 psf

- 3.0 FOUNDATIONS
- 3.1 No subsurface investigation report has been provided for this project. Spread footings have been designed for an assumed allowable bearing capacity of 1500 psf. Concrete slabs on grade have been designed to bear on properly compacted subgrade soils. Provide 6" (min.) granular subbase beneath slabs on grade, AASHTO #57 grading.
- 3.2 Elevations shown on the drawings at which foundations bear are approximate. Step-in footing locations and elevations shown on the drawings shall be field verified and adjusted as required so foundations bear on material of at least the capacity noted above. Bottom of exterior footings shall be a minimum of 2'-6" below finished grade. If conditions prove to be unacceptable at elevations shown, over-excavate to acceptable subgrade material as determined by a Geotechnical Engineer. Fill over-excavation with lean concrete (fc = 2000 psi) or properly compacted engineered fill.
- 3.3 The contractor shall retain the services of a professional geotechnical engineer to verify that the material on which foundations bear has at least the above noted capacity.
- 3.4 Retaining walls have been designed based on the following criteria:
- a. At Rest Pressure: 65 PCF
 - b. Active Pressure: 45 PCF
 - c. Passive Pressure: 300 PCF
 - d. Soil Friction Coefficient: 0.5
 - e. Soil Weight: 120 PCF
- 3.5 Provide vertical slots for dovetail masonry anchors @ 16" o.c. where masonry abuts or faces concrete walls or piers.
- 3.6 No backfilling against walls shall be done until the slabs at the top and bottom have been placed or proper temporary shoring has been installed to brace the wall. Walls and grade beams having backfill against both sides shall have the backfill placed on both sides with a maximum differential height of 8 inches.
- 3.7 Coordinate foundation drain locations with architectural, mechanical and/or civil drawings.
- 3.8 Coordinate site retaining wall drain locations with architectural, mechanical and/or civil drawings or place 4" weep holes at 10 ft o.c."

- 4.0 REINFORCED CONCRETE
- 4.1 Reinforced concrete work shall be in accordance with the "Building Code Requirements for Reinforced Concrete" (ACI 318) and the Specifications for Structural Concrete (ACI 301) of the American Concrete Institute (editions as required by governing code).
- 4.2 Cast-in-place concrete shall have a minimum 28 day compressive Strength (Fc) of 3000 psi unless u.n.o. below:
- a. Lean Concrete Fill: 2000 psi
- 4.3 Air entrainment: 6% (+/-1.5%) in piers, grade beams, footings and other concrete exposed to freeze/thaw.
- 4.4 Concrete shall be normal weight concrete (144 pcf) with cement conforming to ASTM C150, Type I. Aggregate shall conform to ASTM C33.
- 4.5 Prior to concrete placement, the contractor shall submit to the architect for review, a concrete mix design for each type of concrete, prepared in accordance with the specifications.
- 4.6 Reinforcement:
- a. Deformed bars: ASTM A615, Grade 60.
 - b. Welded Wire Reinforcement: ASTM A1064
 - c. Deformed Bar Anchors: Nelson Type D2L, ASTM A496.
- 4.7 Reinforcement shall be detailed, fabricated, and placed in accordance with the A.C.I. "Detailing Manual No. SP-66", latest edition.
- 4.8 Reinforcement shall be securely held in place while placing concrete. If required, additional bars, stirrups, or chairs shall be provided by the contractor to furnish support for bars.
- 4.9 Reinforcing bars shall have the following minimum concrete cover:
- a. Cast against earth: 3"
 - b. Exposed to earth or weather:
 - (No. 5 or smaller): 1-1/2"
 - (No. 6 or larger): 2"
 - c. Concrete not exposed to weather:
 - Slabs, Walls, Joists: 3/4"
 - Beams and Columns: 1-1/2"
- 4.10 Reinforcing bar splices shall be Class 'B' tension lap per ACI 318 u.n.o. Lap welded wire fabric two full mesh lengths at splices and wire tie together.
- 4.11 Welded wire fabric shall be placed one-third of the slab thickness from the top or 2" from the top (1" for slabs on deck), whichever is closest to the surface, u.n.o.
- 4.12 Leveling grout shall be non-shrink, non-metallic, factory pre-mixed grout in accordance with ASTM C1107, with Fc of not less than 5000 psi.
- 4.13 Contractor shall verify dimensions and locations of slots, pipe sleeves, etc., as required for mechanical trades before concrete is placed.

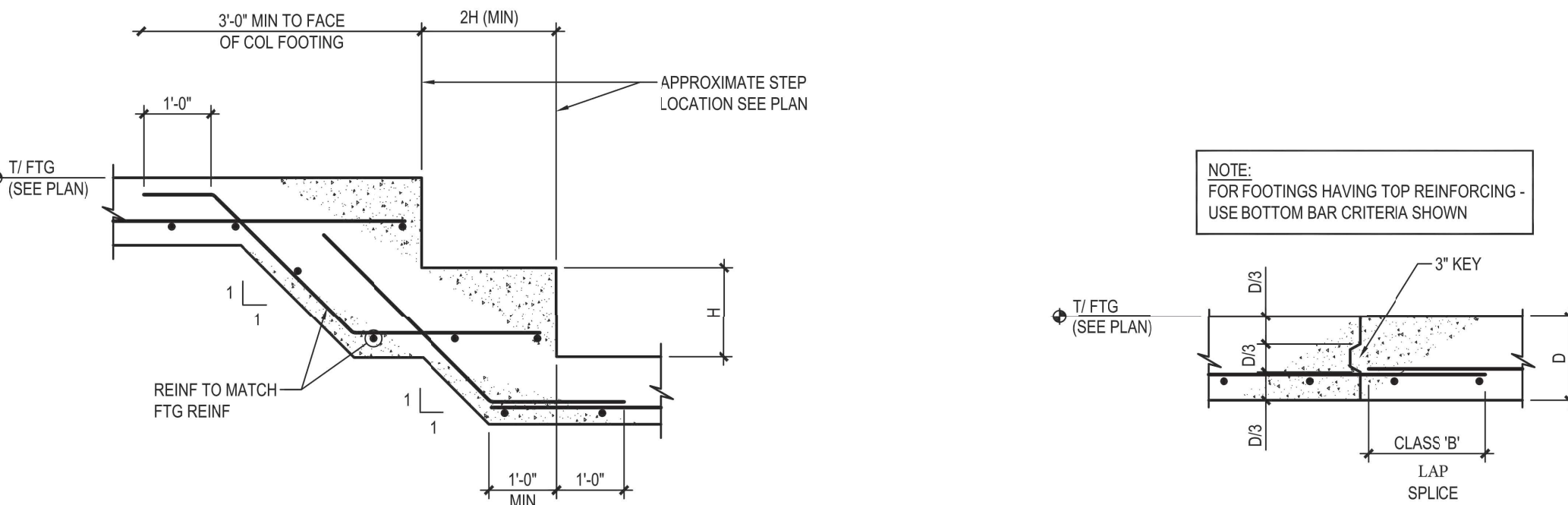
- 5.4 Irvy type (open end block) units shall conform to ASTM C90, Type 1. Block to have a minimum net area compressive strength of the units of 4,000 psi, and a minimum net area compressive strength of masonry (grout strength) of 2,800 psi (f'm).
- 5.5 Deformed bar reinforcement shall conform to ASTM A615, grade 60. Provide lap splices with a min. of 48 bar diameters. Provide bar spacers as required to properly locate reinforcing within CMU cells.
- 5.6 Horizontal joint reinforcing for vertically reinforced walls shall be galvanized, standard class, Ladder type DUR-O-WAL (or equal), conforming to ASTM A602 and ASTM A651, spaced at 16" o.c. u.n.o. Side rods shall be No. 9 with No. 9 cross rods u.n.o. Ladder type or truss type may be used for walls without vertical reinforcing. Provide one-piece prefabricated units at 8" o.c. at all wall corners and intersections. Provide additional joint reinforcing in the first two courses above and below masonry openings. Extend at least 2'-0" beyond each side of the opening. Provide lap as recommended by the manufacturer with a minimum of 6". Discontinue reinforcing at control joints.
- 5.7 Provide full bed and head joints.
- 5.8 Grout cells of CMU solid for CMU lintels, bond beams, cells with vertical reinforcement and at least two courses, 24" wide below beam bearing plates, u.n.o.

- 6.0 SPECIAL INSPECTIONS AND TESTING
- 6.1 INSPECTION AGENCY:
- a. Inspection agency or individual shall be retained by the owner to conduct the inspections and testing outlined below and as defined in Chapter 17 of the International Building Code
 - b. Special Inspectors shall keep records of all inspections and tests and submit records to the Architect.
- SOIL**
- Bearing capacity: Periodic
 - Excavation depth to proper mat.1: Periodic
 - Classification and testing of compacted mat.1: Periodic
 - Proper use of mat.1: Continuous
 - Site preparation: Periodic
- CONCRETE**
- Verifying use of req.'d mix designs: Periodic
 - Anchor bolt placement: Continuous
 - Post-installed anchors: Continuous
 - Reinforcing steel and placement: Periodic
 - Formwork: Periodic
 - Concrete Sampling: Continuous
 - Curing Techniques: Periodic
 - Erection of precast plank: Periodic
- MASONRY**
- Material certificates of compliance: Periodic
 - Verification of f'm every 5,000 S.F.: Periodic
 - Mortar proportions: Periodic
 - Placement of CMU and joints: Periodic
 - Reinforcement placement: Continuous
 - Grout placement: Continuous
 - Anchor bolt type, size & placement: Continuous

MISCELLANEOUS LOOSE LINTEL SCHEDULE FOR MASONRY WALLS					
		WALL THICKNESS			
		4" WALL	6" WALL	8" WALL	12" WALL
M.O. SIZE	UP TO 4'-0"	L4 x 3 1/2 x 5/16	WT4x10.5	JL4 x 3 1/2 x 5/16	L4 x 3 1/2 x 5/16 ■ L5 x 3 1/2 x 5/16 ■
	4'-1" TO 6'-0"	L5 x 3 1/2 x 5/16	WT5x11	JL5 x 3 1/2 x 5/16	L5 x 5 x 5/16 L6 x 4 x 5/16
	6'-1" TO 8'-0"	L6 x 3 1/2 x 5/16	-	JL6 x 3 1/2 x 5/16	L5 x 5 x 5/16 L6 x 4 x 5/16
	8'-1" TO 10'-0"	-	-	HSS8x8x5/16	HSS12x8x1/16 (LSH)

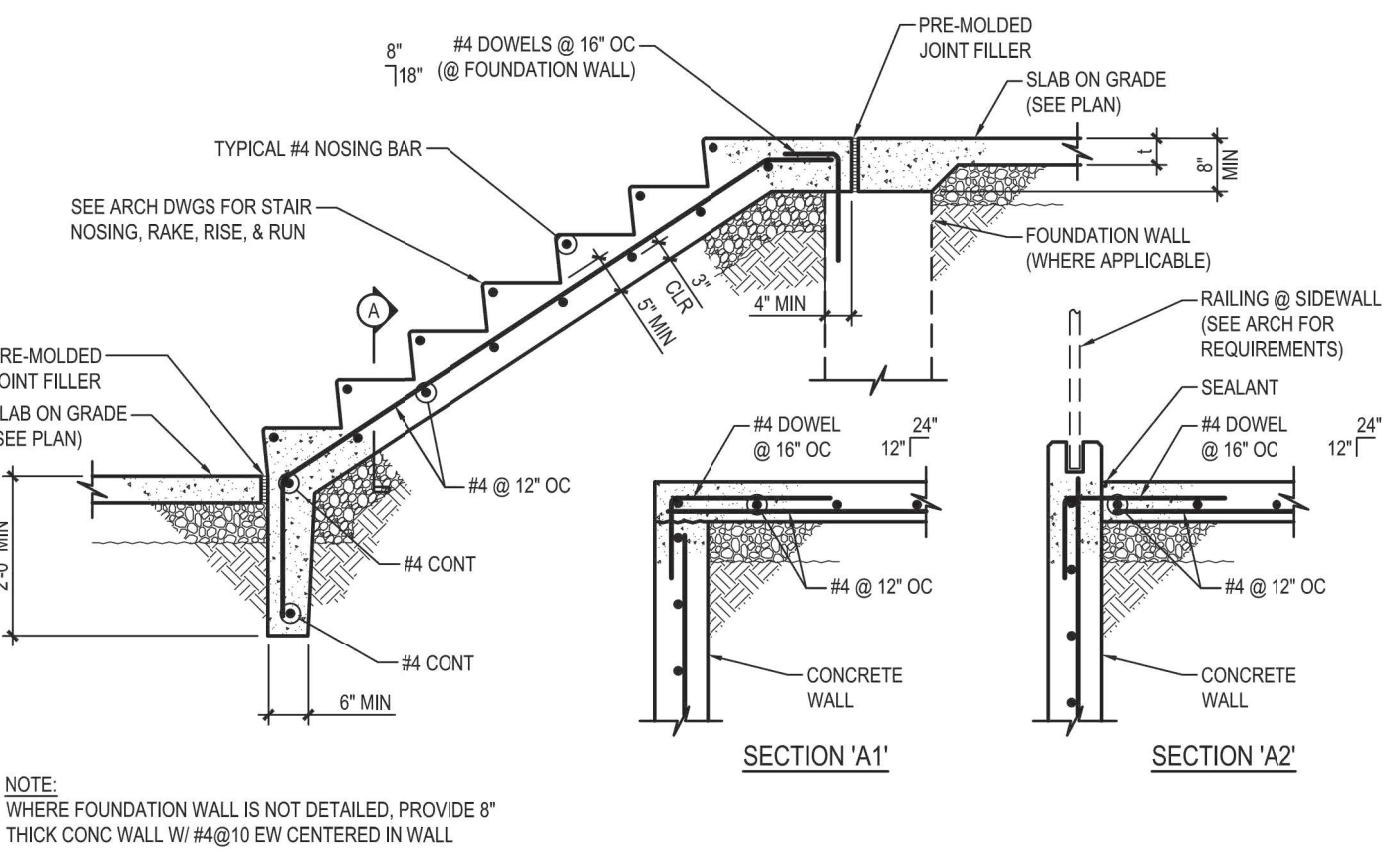
LINTEL NOTES

- SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENING SIZE AND LOCATION.
- CONNECT 2 ANGLES OF ALL 2 AND 3 ANGLE LINTELS BACK TO BACK AT 24" OC MAX
- ANGLES LONG LEG VERTICAL, UNLESS OTHERWISE NOTED BY SYMBOL ■
- BEARING END OF STEEL LINTEL AT CONTROL JOINT SHALL BE WRAPPED WITH BUILDING PAPER.
- PROVIDE MINIMUM 6" BEARING ON BRICK OR SOLID CONCRETE BLOCK.
- EXTERIOR LINTEL ASSEMBLIES SHALL BE HOT DIP GALVANIZED PER SPECIFICATIONS.
- PROVIDE MINIMUM 8" WALL THICKNESS x 8" HIGH GROUTED C.M.U. OR BRICK BEARING PAD UNDER ALL LINTELS, UNLESS OTHERWISE NOTED. GROUT JAMBS OF MASONRY OPENINGS 6'-0" AND LARGER FULL HEIGHT FOR 16" MINIMUM LENGTH.
- CONNECT LINTEL TO COLUMN IF MASONRY OPENING IS ADJACENT TO COLUMN AND LINTEL HAS LESS THAN 8" BEARING ON C.M.U. BEYOND COLUMN FLANGES.



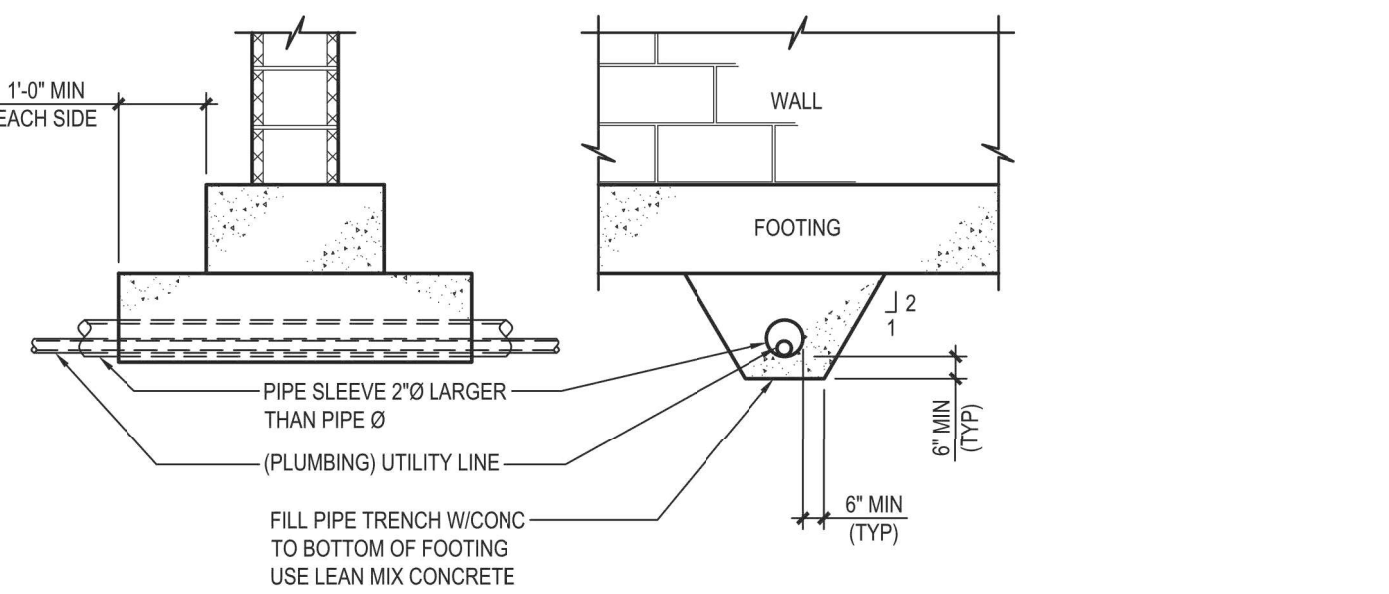
STEP IN WALL FOOTING
NOT TO SCALE

WALL FOOTING CONSTRUCTION JOINT
NOT TO SCALE

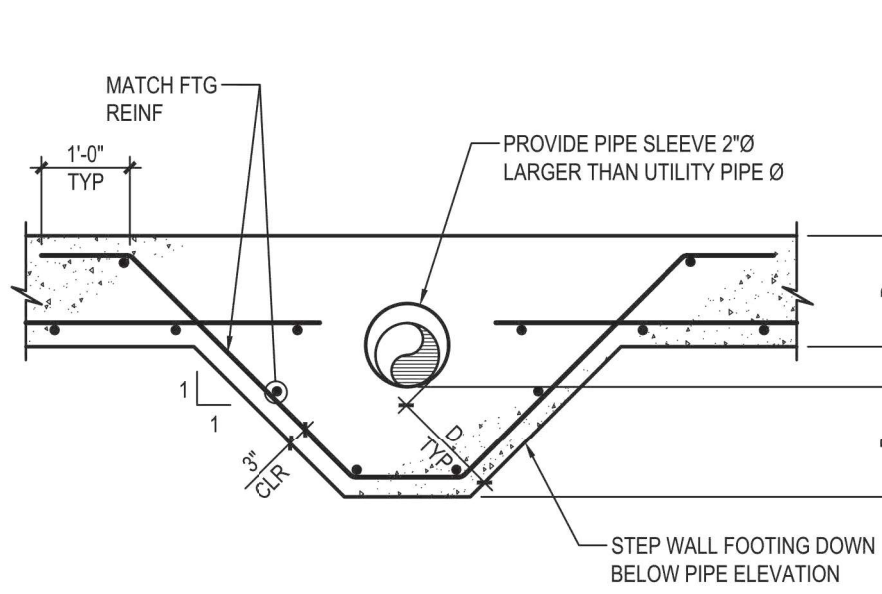


STAIR ON GRADE
NOT TO SCALE

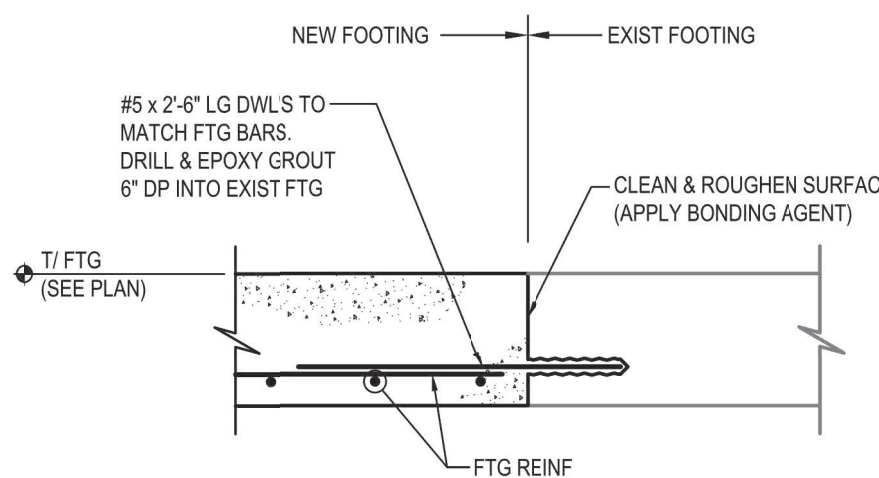
MASONRY WALL DETAILS
NOT TO SCALE



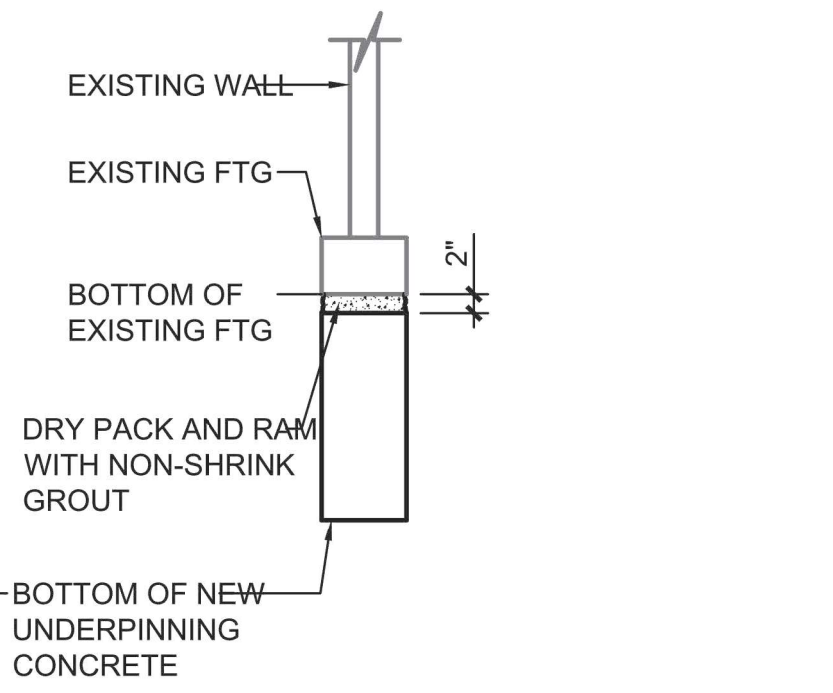
UTILITY PIPE UNDER WALL
NOT TO SCALE



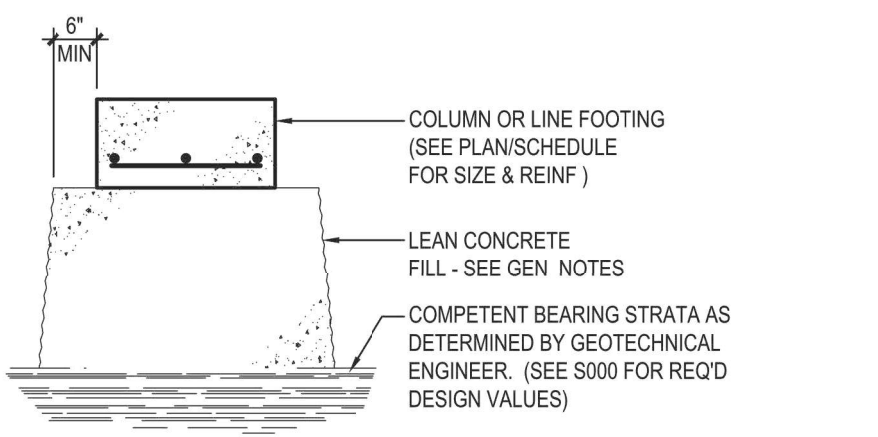
UTILITY PIPE THRU WALL
NOT TO SCALE



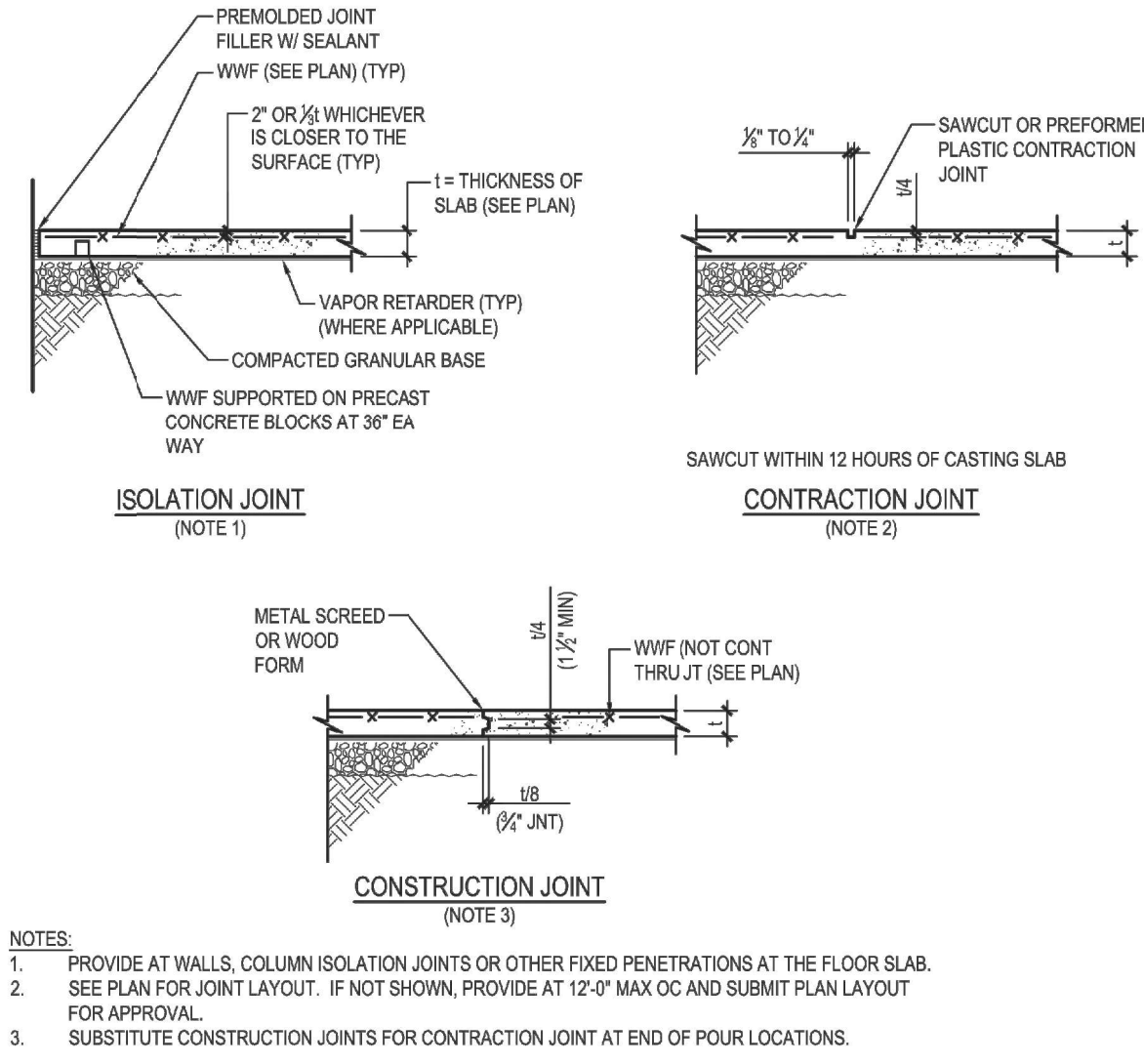
NEW TO EXTG. FOOTING
NOT TO SCALE



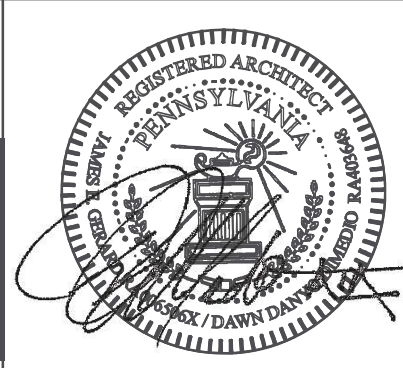
WALL UNDERPINNING
NOT TO SCALE



OVER-EXCAVATION
NOT TO SCALE



- NOTES:
- PROVIDE AT WALLS, COLUMN ISOLATION JOINTS OR OTHER FIXED PENETRATIONS AT THE FLOOR SLAB.
 - SEE PLAN FOR JOINT LAYOUT. IF NOT SHOWN, PROVIDE AT 12'-0" MAX OC AND SUBMIT PLAN LAYOUT FOR APPROVAL.
 - SUBSTITUTE CONSTRUCTION JOINTS FOR CONTRACTION JOINT AT END OF POUR LOCATIONS.



HOUSING AUTHORITY OF
THE CITY PITTSBURGH
TASK ORDER #101
DESIGN OF EMERGENCY EGRESS AT THE
ENVISION CENTER
BEDFORD HOPE
COMMUNITY CENTER

2305 BEDFORD AVENUE
PITTSBURGH PA 15219

GERARD
ASSOCIATES ARCHITECTS
445 FORT PITT BLVD.
FORT PITT COMMONS BUILDING
PITTSBURGH, PENNSYLVANIA 15219-1333
PHONE: 412-566-1531 FAX: 412-566-1532

DRAWING NAME

NOTES AND DETAILS

COMA. NO.
2309
ISSUE DATE
06/23/23



REVISION NO.
05/13/24

ADDITIONAL STRUCTURAL DETAILS

REVISED PER PLI

REVISION NO.

DWG NO.

A-502