

ADDENDUM

Project Name: Hamtramck Public Schools **Addendum No:** **One (1)**
Kosciuszko Middle School Structural Repairs
Structural Repairs

Project Number: 21-167 Issue Date: December 6, 2022
Project Location: Hamtramck, Michigan

This Addendum forms a part of the above described Contract Documents and supersedes, supplements or clarifies parts thereof to the extent defined by the terms set forth in this Addendum.

This addendum consists of (2) typed pages and the following attachment:

Drawings: Sheets: A1-01, A1-02, A3-01, A3-02, A6-01, S201, S202, S300, S301, MED2-01 AND ME2-01.

ARCHITECTURAL DRAWINGS:

ITEM A1 Drawing A1-01 – Lower Level Demolition Plan (Revised and reissued)

- A. Relocated new opening to align with existing door.
- B. Added dimension clarifying size of east side demolition.
- C. Removed keynote 25, regarding cleaning and painting steel, and replaced with note regarding existing concrete deck surfaces.

ITEM A2 Drawing A1-02 – Upper Level Demolition Plan and Elevation (Revised and reissued)

- A. Reworded keynote 8 for clarification.
- B. Removed trenching location for gas line and associated keynote 14A to remove duplicate information on the drawings. See mechanical drawings for gas line work.

ITEM A3 Drawing A3-01 – Lower Level Floor Plan (Revised and reissued)

- A. Updated location of new access hatch into Storage 101.
- B. Removed premanufactured metal steps in Storage 101, and associated keynote 2.
- C. Replaced keynote 2 with note for engineered fill, and located tags on east and west side of existing construction to remain.
- D. Modified wording of keynote 20 to better describe surfaces to receive waterproofing.

ITEM A4 Drawing A3-02 – Upper Level Floor Plan (Revised and reissued)

- A. Updated keynote E8 for clarification of engineered fill required.
- B. Updated keynote 12.
- C. Modified leaders on elevation 2.

ITEM A4 Drawing A6-01 – Wall Sections (Revised and reissued)

- A. Modified note on all sections clarifying need to scrape existing ceiling clean for proper securing of channels.
- B. Added end panel at new ceiling deck on section 3.

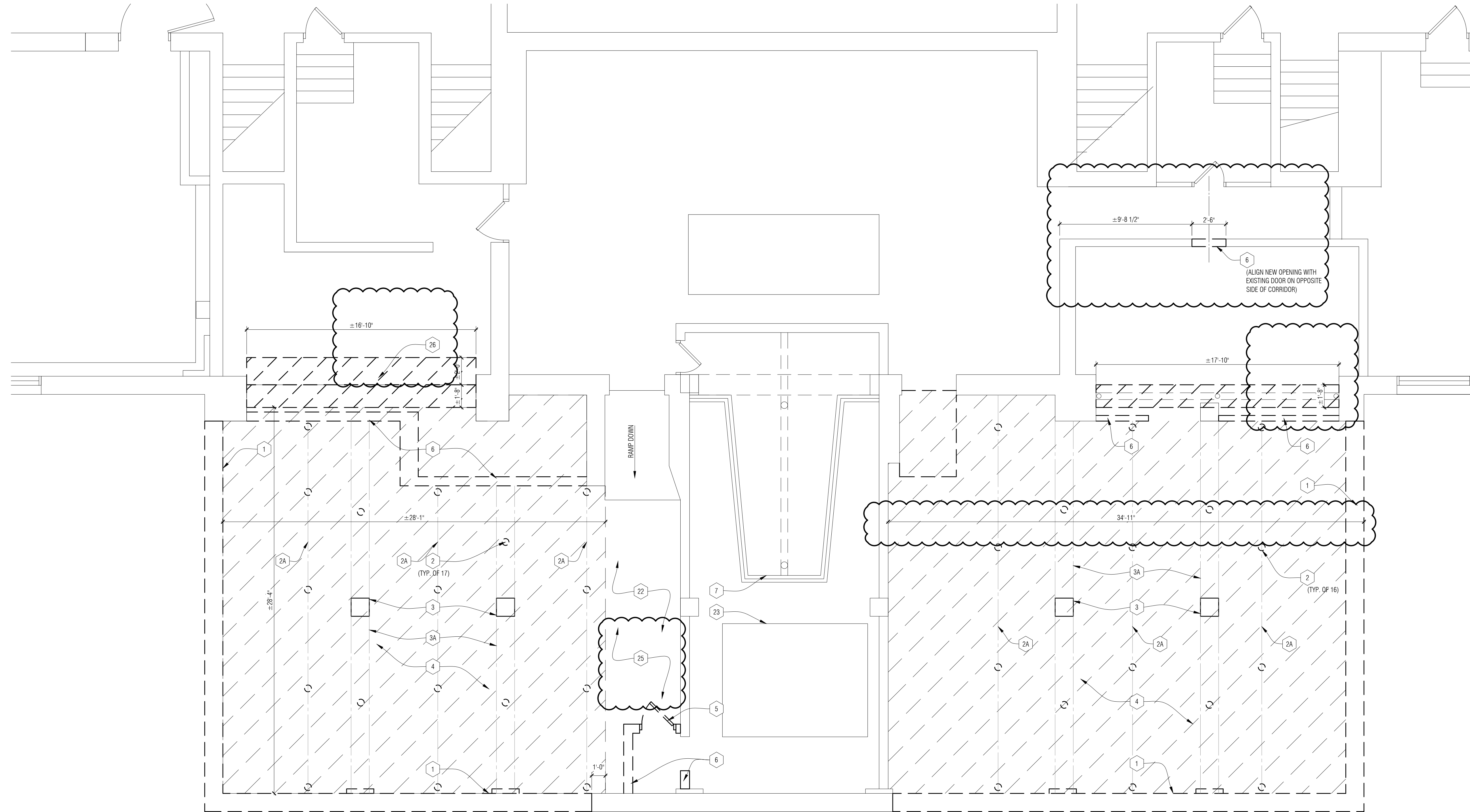
STRUCTURAL DRAWINGS:

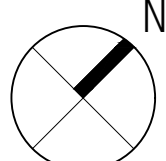
- ITEM S1** Drawing S201 – Partial Foundation Plan (Revised and reissued)
A. Revised concrete extension at the north side.
B. Added note “(sim)” to Detail 4/S400.
C. Added note, “Existing bottom edge of concrete beam is badly deteriorated. Refer to detail.”
- ITEM S2** Drawing S202 – Partial Top Slab Plan (Revised and reissued)
A. Modified note, “S.O.G refer to arch” to “Refer to Detail 2/S301.”
- ITEM S3** Drawing S300 – General Sections and Details (Revised and reissued)
A. Revised Detail 4.
- ITEM S4** Drawing S301 – Typical Concrete Details (Revised and reissued)
A. Revised Detail 2.

ELECTRICAL DRAWINGS:

- ITEM E1** MED2-01 – Lower Level Mechanical and Electrical Demolition Plan (Revised & Re-Issued)
A. Revised switch and branch circuit location as indicated
B. Revised light fixture and branch circuit for corridor as indicated
- ITEM E2** M2-01 Lower Level Mechanical and Electrical Plan (Revised & Re-Issued)
A. Relocated switch and branch circuit as indicated.
B. Re-install light fixture and branch circuit for corridor as indicated.

****END OF ADDENDUM****




1 Lower Level Demolition Plan
 1/4" = 1'-0"

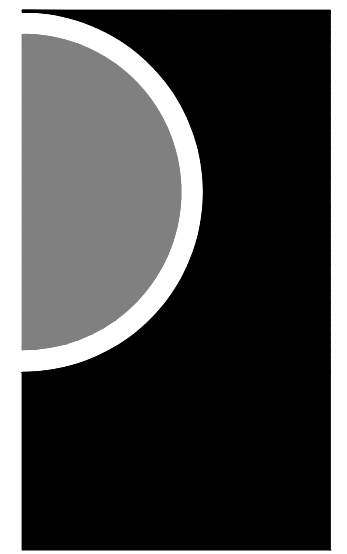
DEMO FLOOR PLAN GENERAL NOTES:

- A. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND UNDERSTANDING EXISTING CONDITIONS PRIOR TO STARTING WORK.
- B. ASBESTOS AND OTHER HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER'S ABATEMENT CONTRACTOR PRIOR TO START OF CONSTRUCTION. IF ANY SUSPECTED HAZARDOUS MATERIAL IS ENCOUNTERED, STOP WORK IN THAT AREA, AND IMMEDIATELY INFORM THE CONSTRUCTION MANAGER AND THE ARCHITECT.
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- E. ALL DEMOLITION MEANS, METHODS AND SAFETY PRECAUTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- F. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING BUILDING ELEMENTS AND SITE FROM DAMAGE CAUSED BY CONSTRUCTION OR CONSTRUCTION TRADES, AND SHALL REPAIR ANY DAMAGED AREAS AT NO ADDITIONAL COST TO THE OWNER.
- G. DEMOLITION DRAWINGS AND DETAILS ARE PROVIDED TO SHOW THE GENERAL SCOPE OF THE DEMOLITION WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL DEMOLITION WORK NECESSARY TO ACCOMPLISH THE NEW WORK. COORDINATE WITH ALL TRADES.
- H. DISPOSE OF ALL DEMOLITION MATERIALS LEGALLY OFF SITE.
- I. PREP ALL NEW MASONRY OPENINGS TO RECEIVE NEW TOOTHED-IN MASONRY FOR LIKE NEW APPEARANCE WHERE DEMOLITION OCCURS AND WALL IS VISIBLE. COORDINATE WITH MASON.

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- 15 EXISTING LOUVER TO BE REMOVED.
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- 26 REMOVE PORTION OF CRACKED PLASTER CEILING AND PREP AREA TO RECEIVE NEW PAINT.

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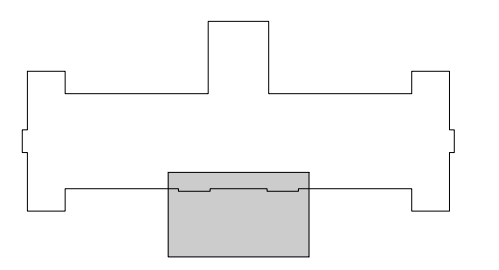
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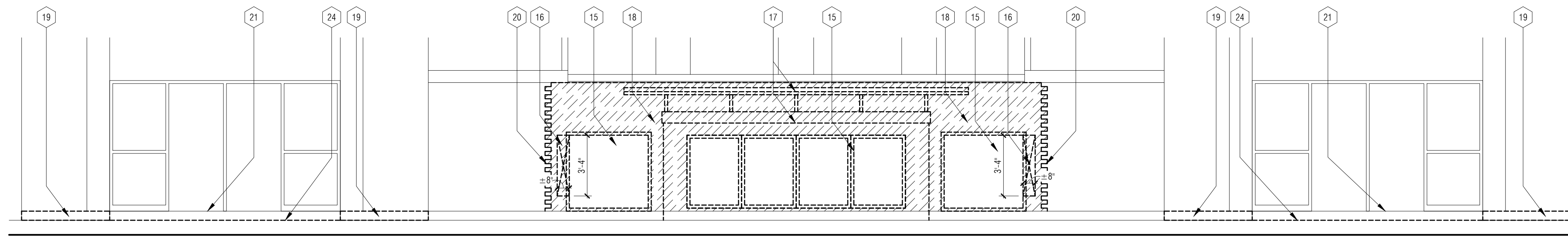
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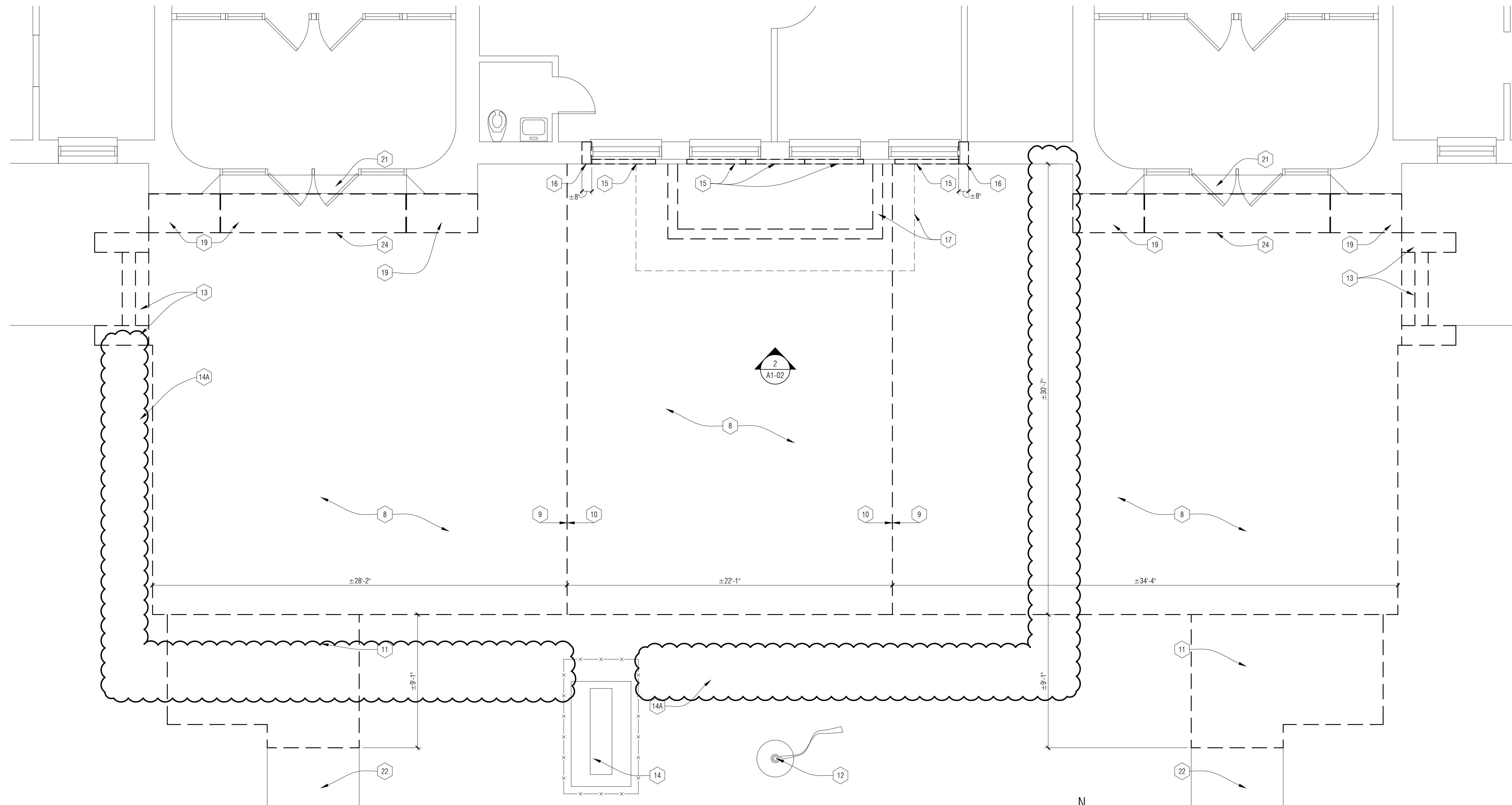
**LOWER LEVEL
 DEMOLITION PLAN**

SHEET NO.

A1-01



2
A1-02 Partial Demolition Elevation
1/4" = 1'-0"



1
A0-02 Upper Level Demolition Plan
1/4" = 1'-0"

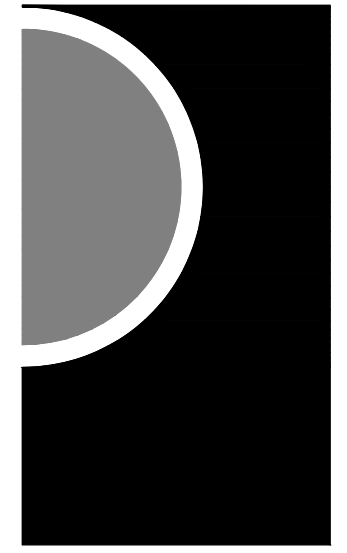
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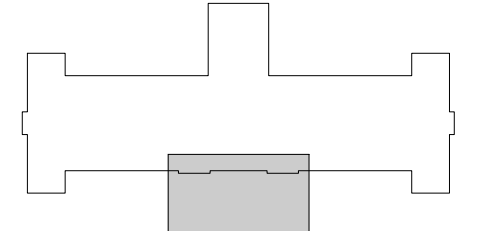
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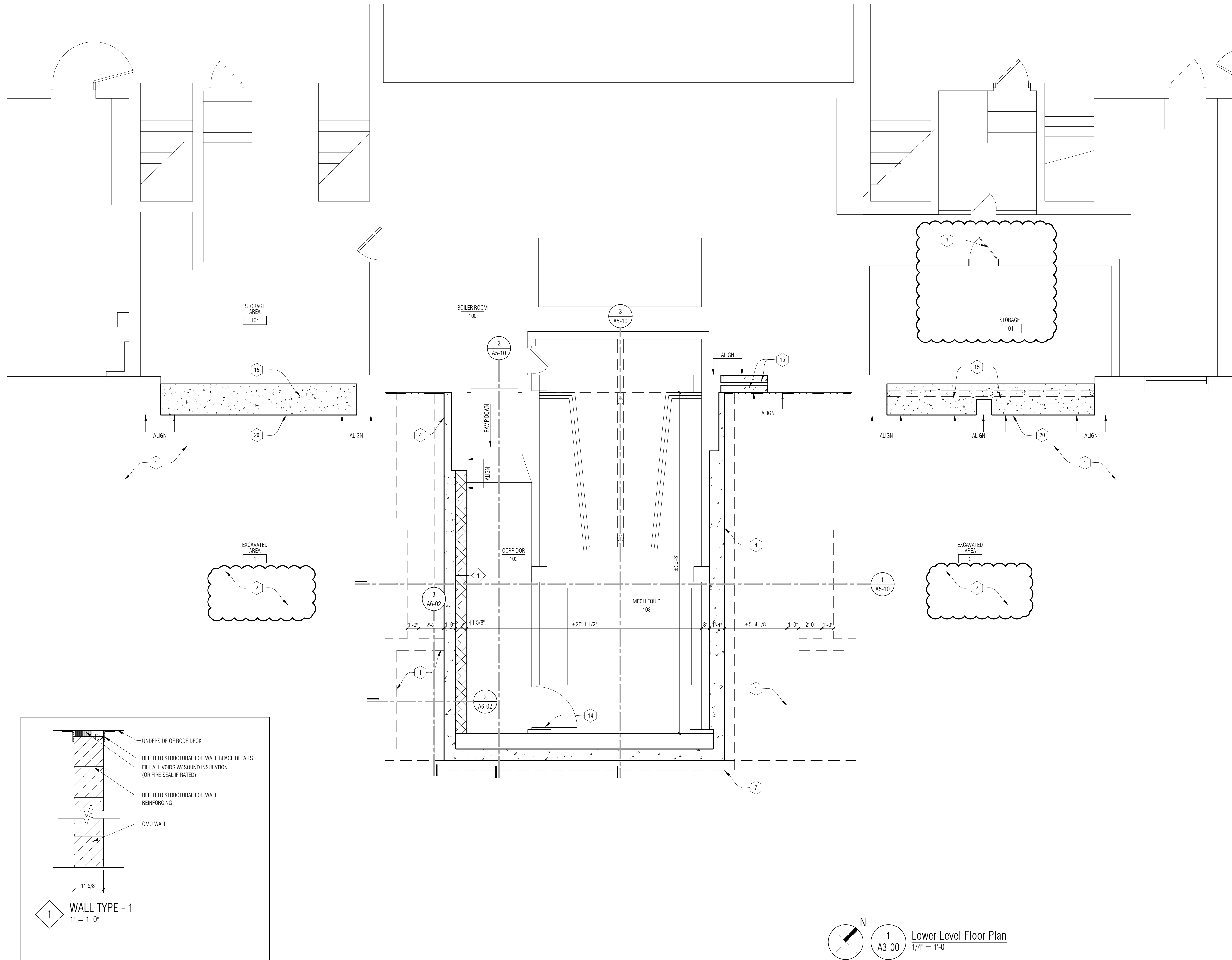
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SHEET NAME

UPPER LEVEL
DEMOLITION PLAN
& ELEVATION

SHEET NO.

A1-02



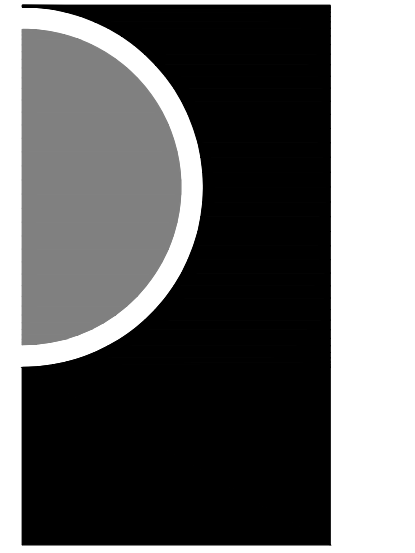
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- 3 NEW 30" w X 30" h ACCESS DOOR IN MODIFIED EXISTING MASONRY WALL - COORDINATE EXISTING CLEAR HEIGHT AVAILABLE FOR DOOR WITH EXISTING WALL MOUNTED PIPING PRIOR TO ORDERING. INFORM ARCHITECT IF CALLED OUT DOOR SIZE WILL NOT FIT IN EXISTING CONDITIONS.
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- 5 ALTERNATE #1: PRE-CAST CONCRETE SPHERICAL BOLLARD - REFER TO SPECIFICATIONS.
- 6 EXISTING CONCRETE WALK TO REMAIN - PROTECT DURING CONSTRUCTION.
- 7 LINE OF NEW FOUNDATION BELOW - REFER TO STRUCTURAL.
- 8 SUPPORTED SLAB - REFER TO STRUCTURAL DRAWINGS.
- 9 EXISTING GAS METERING EQUIPMENT TO REMAIN - COORDINATE NEW GAS LINE INSTALLATION WITH MECHANICAL. PROTECT DURING CONSTRUCTION.
- 10 APPROXIMATE LOCATION OF RELOCATED GAS LINE TO ENTER BUILDING - COORDINATE WITH EXISTING EQUIPMENT, NEW PLANTER LOCATION AND MECHANICAL DRAWINGS. PAINT EXPOSED CONDUIT AND SEAL AT BUILDING.
- 11 EXISTING LIMESTONE STEP REINSTALLED IN SAME LOCATION ON NEW CONCRETE FOOTING. REFER TO STRUCTURAL.
- 12 NEW 6" CONCRETE PAVING ON COMPACTED GRANULAR FILL ON ENGINEERED FILL - JOINT LINE PATTERN TO BE COORDINATED W/ALTERNATE - CONTRACTOR TO PROVIDE SHOP DRAWING LAYOUT PRIOR TO CONSTRUCTION.
- 13 NEW POURED CONCRETE ON RIGID INSULATION & CONCRETE DECK. REFER TO WALL SECTIONS AND STRUCTURAL DRAWINGS.
- 14 NEW 3'-6" w X 6'-6" h HOLLOW METAL DOOR AND FRAME - REFER TO SPECIFICATIONS AND DOOR HARDWARE SECTION - DOOR TO BE 60 MIN RATED. SECURE FRAME TO EXISTING CMU/CONCRETE JAMBS & HEAD. INFILL HEADER AS REQUIRED TO ACHIEVE COMPLETE SEAL OF FAN ROOM. VERIFY SIZE OF OPENING PRIOR TO ORDERING NEW DOOR.
- 15 INFILL EXISTING OPENING WITH REINFORCED CONCRETE. REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION. INTENT OF INFILL IS TO SUPPORT EXISTING CONC FOUNDATION BEAM. COORDINATE LOCATION AND VERIFY THICKNESS IN FIELD.
- 16 ALTERNATE #1: CURVED PRE-CAST CONCRETE BENCH - REFER TO SPECIFICATIONS.
- 17 NEW CONCRETE STEPS - REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
- 18 CONCRETE PLANTERS - REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
- 19 RESTORE ALL LAWN AREAS DISTURBED DUE TO CONSTRUCTION - REFER TO SPECIFICATIONS.
- 20 APPLY WATERPROOFING TO EXISTING BUILDING FOUNDATION & NEW INFILL WALLS.

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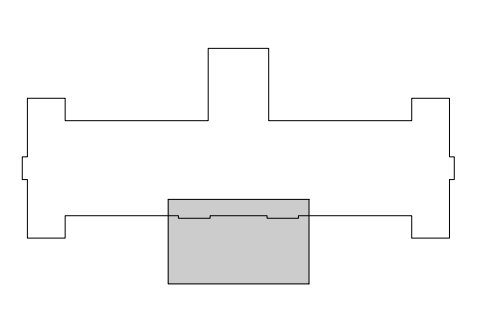
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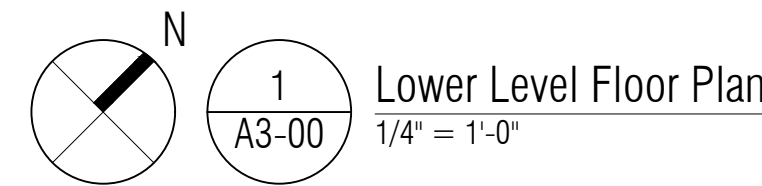
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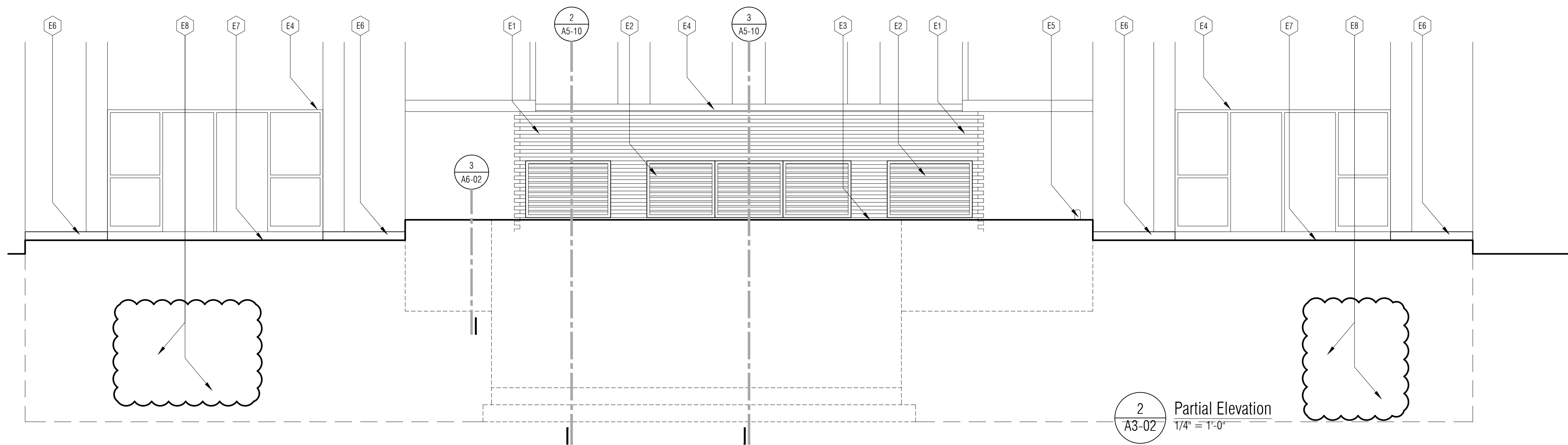
SHEET NAME

LOWER LEVEL FLOOR PLAN

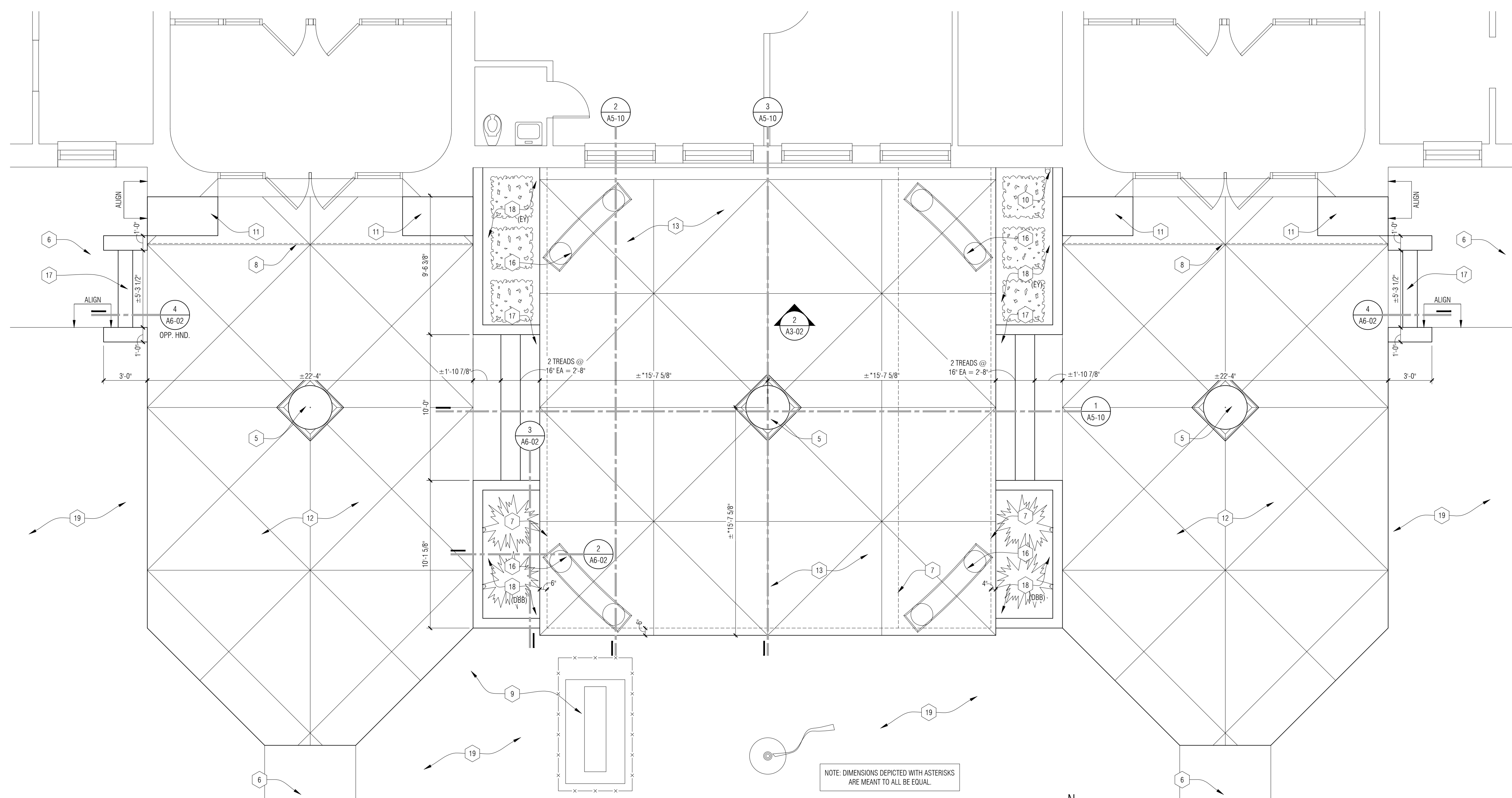
SHEET NO.

A3-01





2 Partial Elevation
A3-02 1/4" = 1'-0"



1 Upper Level Floor Plan
A0-02 1/4" = 1'-0"

NOTE: DIMENSIONS DEPICTED WITH ASTERISKS ARE MEANT TO ALL BE EQUAL.

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- 7 LINE OF NEW FOUNDATION BELOW - REFER TO STRUCTURAL.
- 8 SUPPORTED SLAB - REFER TO STRUCTURAL DRAWINGS.
- 9 EXISTING GAS METERING EQUIPMENT TO REMAIN - COORDINATE NEW GAS LINE INSTALLATION WITH MECHANICAL. PROTECT DURING CONSTRUCTION.
- 10 APPROXIMATE LOCATION OF RELOCATED GAS LINE TO ENTER BUILDING - COORDINATE WITH EXISTING EQUIPMENT, NEW PLANTER LOCATION AND MECHANICAL DRAWINGS. PAINT EXPOSED CONDUIT AND SEAL AT BUILDING.
- 11 EXISTING LIMESTONE STEP REINSTALLED IN SAME LOCATION ON NEW CONCRETE FOOTING. REFER TO STRUCTURAL.
- 12 NEW 6" CONCRETE PAVING ON COMPACTED GRANULAR FILL ON ENGINEERED FILL - JOINT LINE PATTERN TO BE COORDINATED WITH ALTERNATE - CONTRACTOR TO PROVIDE SHOP DRAWING LAYOUT PRIOR TO CONSTRUCTION.
- 13 NEW POURED CONCRETE ON RIGID INSULATION & CONCRETE DECK. REFER TO WALL SECTIONS AND STRUCTURAL DRAWINGS.
- 14 NEW 3'-6" w X 6'-6" h HOLLOW METAL DOOR AND FRAME - REFER TO SPECIFICATIONS AND DOOR HARDWARE SECTION - DOOR TO BE 60 MIN RATED. SECURE FRAME TO EXISTING CMU/CONCRETE JAMBS & HEAD. INFILL HEADER AS REQUIRED TO ACHIEVE COMPLETE SEAL OF FAN ROOM. VERIFY SIZE OF OPENING PRIOR TO ORDERING NEW DOOR.
- 15 INFILL EXISTING OPENING WITH REINFORCED CONCRETE. REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION. INTENT OF INFILL IS TO SUPPORT EXISTING CONC FOUNDATION BEAM. COORDINATE LOCATION AND VERIFY THICKNESS IN FIELD.
- 16 ALTERNATE #1: CURVED PRE-CAST CONCRETE BENCH - REFER TO SPECIFICATIONS.
- 17 NEW CONCRETE STEPS - REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
- 18 CONCRETE PLANTERS - REFER TO SECTIONS AND STRUCTURAL DRAWINGS.
- 19 RESTORE ALL LAWN AREAS DISTURBED DUE TO CONSTRUCTION - REFER TO SPECIFICATIONS.
- 20 APPLY WATERPROOFING TO EXISTING BUILDING FOUNDATION & NEW INFILL WALLS.

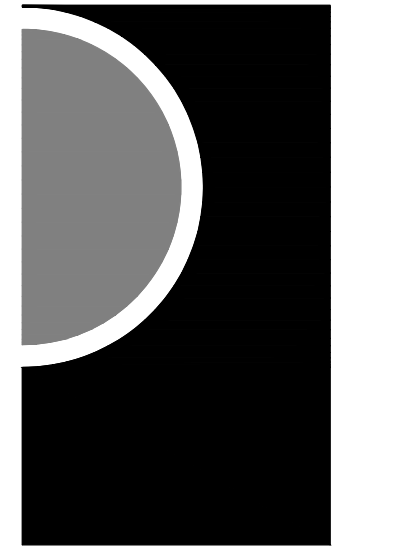
ELEVATION KEY NOTES:

- E1 NEW RUNNING BOND FACE BRICK TO MATCH EXISTING - REFER TO SPECIFICATIONS. TOOTH NEW BRICK INTO EXISTING.
- E2 PRE-FINISHED MECHANICAL LOUVER - REFER TO MECH.
- E3 LINE OF NEW CONCRETE DECK.
- E4 EXISTING BUILDING ELEMENTS TO REMAIN.
- E5 RELOCATED GAS LINE - REFER TO MECHANICAL DRAWINGS.
- E6 EXISTING LIMESTONE STEP REINSTALLED IN SAME LOCATION ON NEW CONCRETE FOOTING - REFER TO STRUCT.
- E7 LINE OF NEW CONCRETE PAVING.
- E8 AREA WHERE EXISTING BASEMENT CONSTRUCTION WAS REMOVED TO BE BACKFILLED WITH COMPACTED ENGINEERED FILL. REFER TO FLOOR PLAN KEYNOTE 2 FOR MORE INFORMATION.

PLANTING SCHEDULE

QTY.	DESCRIPTION	SIZE / ROOT
6	(EY) EVERLOW YEWE	30" - 36"
4	(DDB) DWARF BURNING BUSH	30" - 36"

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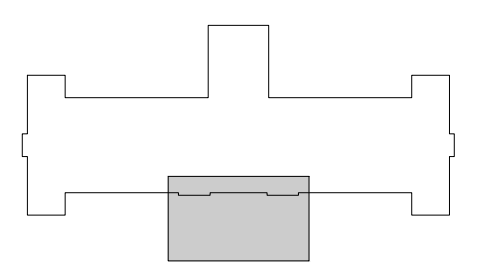


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KEY PLAN



OWNER

Hamtramck Public Schools

PROJECT NAME

Kosciusko Middle School Structural Repairs

2333 Burger St.
Hamtramck, MI 48212

PROJECT NO.

21-167

ISSUES / REVISIONS

Bidding / Construction 11/17/2022
Addendum No. 1 12/06/2022

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CWP

CHECKED BY

DRM

APPROVED BY

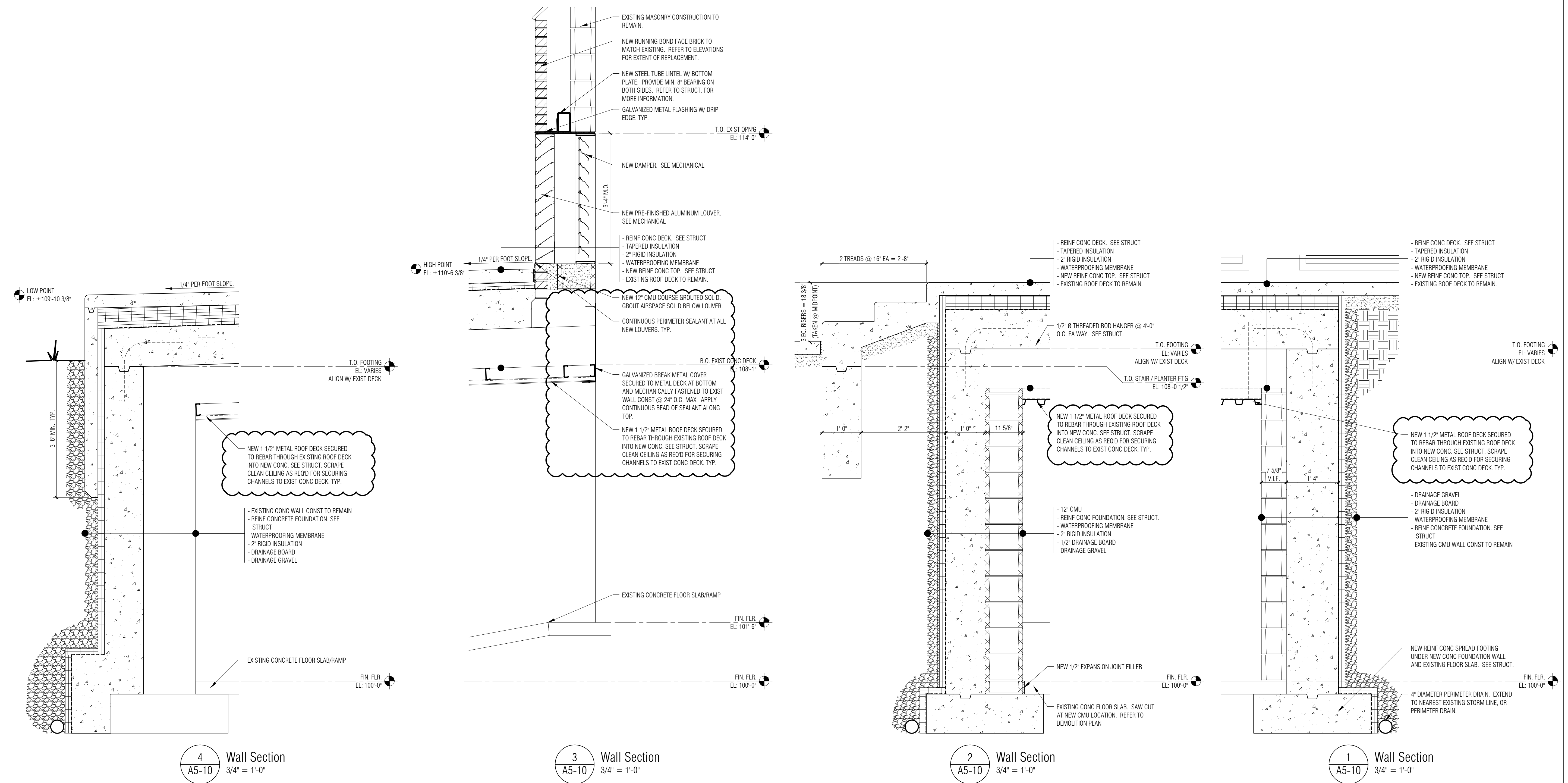
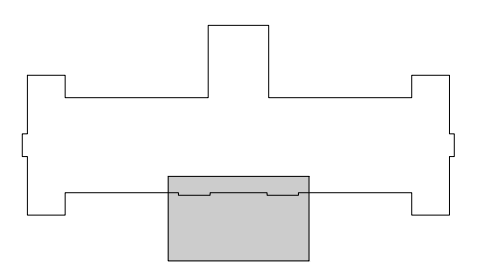
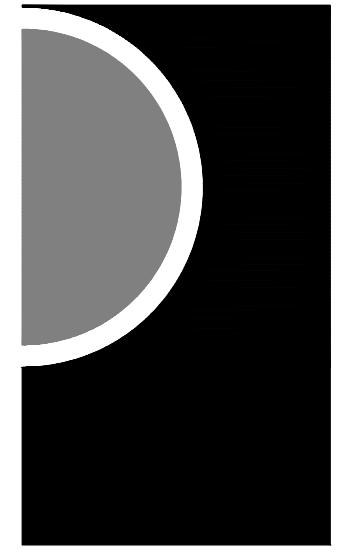
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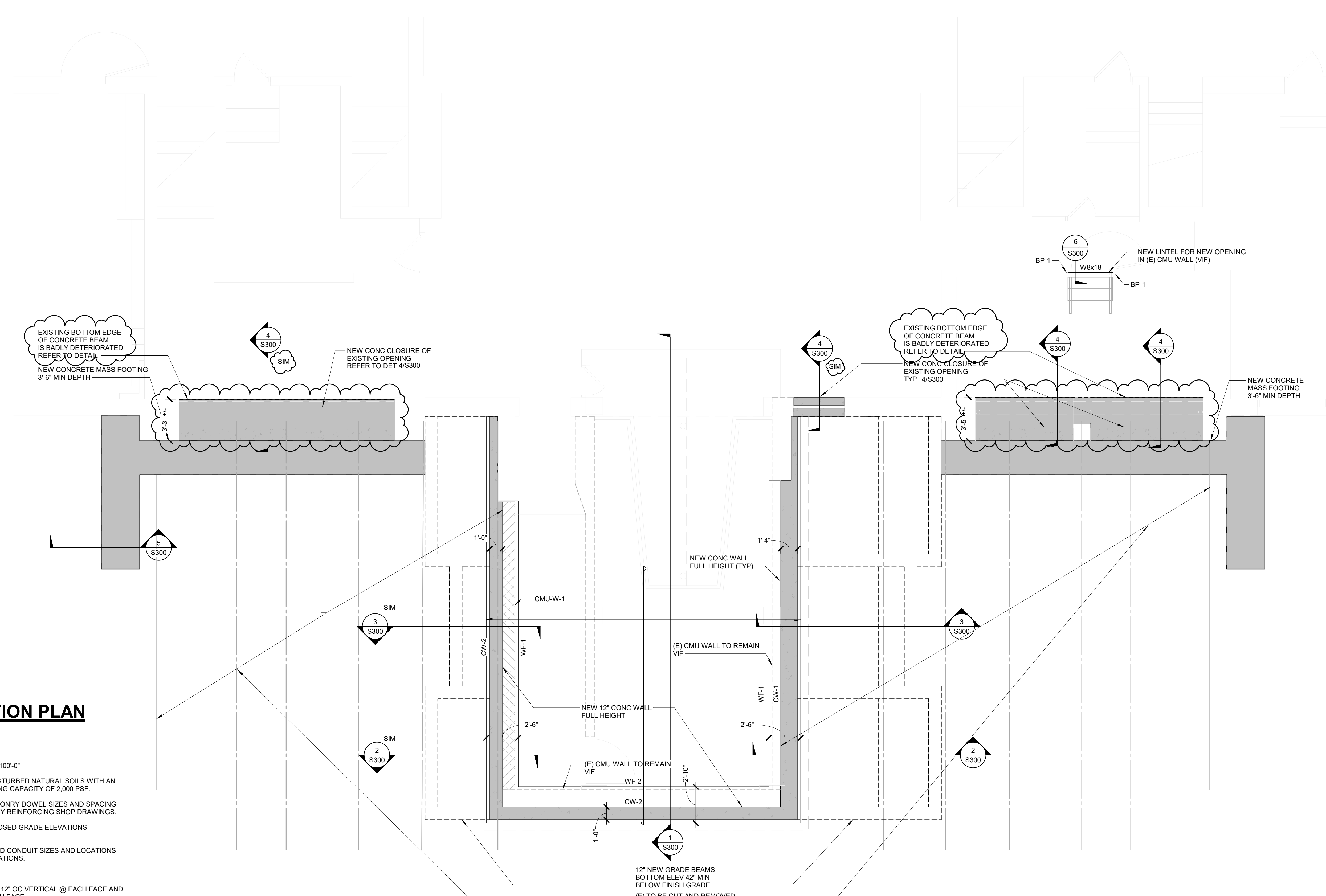
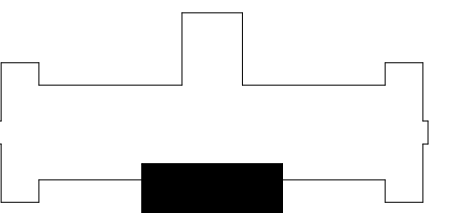
SHEET NAME

UPPER LEVEL FLOOR PLAN & ELEVATION

SHEET NO.

A3-02





1 PARTIAL FOUNDATION PLAN
1/4" = 1'-0"

FOUNDATION NOTES:

- REFERENCE FINISHED FLOOR ELEVATION = 100'-0"
- FOOTING ARE DESIGNED TO BEAR ON UNDISTURBED NATURAL SOILS WITH AN ASSUMED MINIMUM NET ALLOWABLE BEARING CAPACITY OF 2,000 PSF.
- CONTRACTOR SHALL COORDINATE ALL MASONRY DOWEL SIZES AND SPACING TO BE CAST INTO CONCRETE WITH MASONRY REINFORCING SHOP DRAWINGS.
- REFER TO CIVIL/SITE DRAWINGS FOR PROPOSED GRADE ELEVATIONS AROUND THE PERIMETER OF THE BUILDING.
- REFER TO MEP DRAWINGS FOR ALL PIPE AND CONDUIT SIZES AND LOCATIONS PASSING THROUGH AND/OR UNDER FOUNDATIONS.

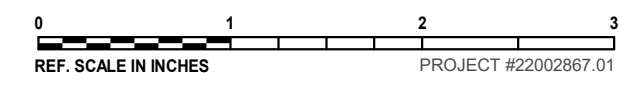
6. DESIGNATIONS:

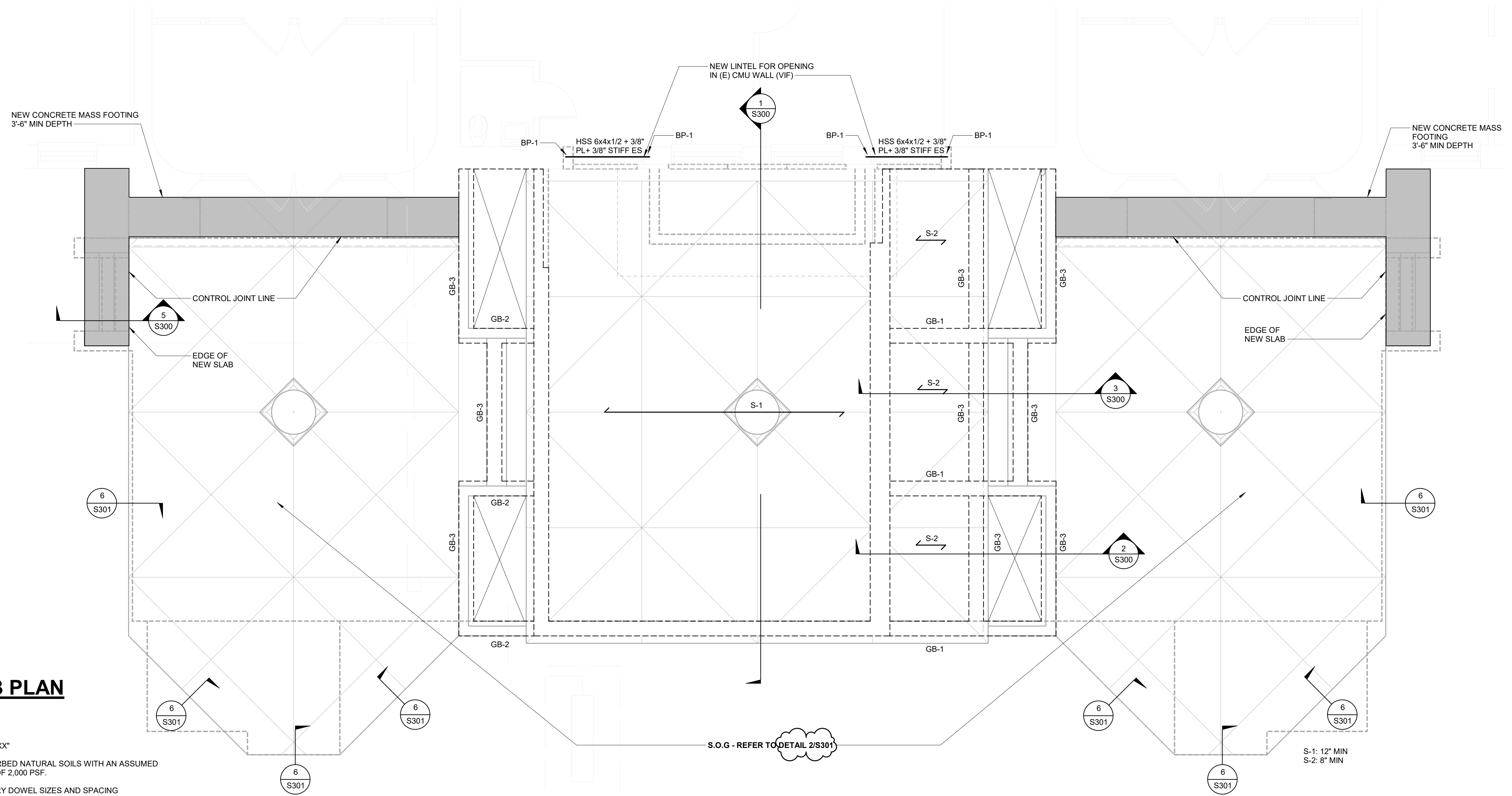
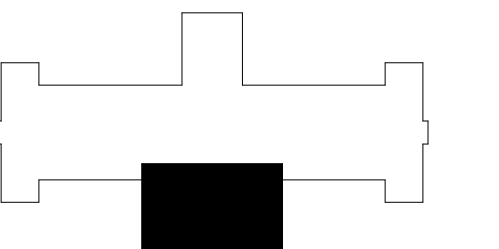
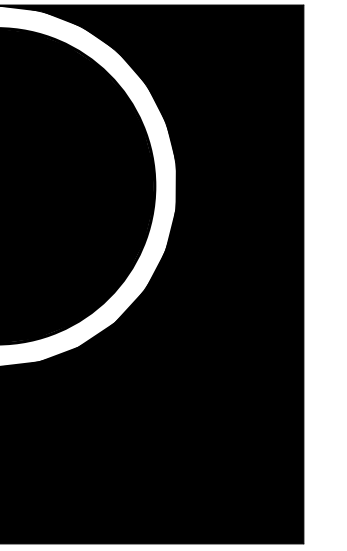
- CW-1: 16" WIDE CONC WALL WITH #5 @ 12" OC VERTICAL @ EACH FACE AND #4 @ 12" OC HORIZONTAL @ EACH FACE
- CW-2: 12" WIDE CONC WALL WITH #5 @ 12" OC VERTICAL @ EACH FACE AND #4 @ 12" OC HORIZONTAL @ EACH FACE
- WF-1: 2'-6" (MIN.) WIDE x 1'-0" THICK WALL FOOTING WITH (3) #5 EW T&B CONT
- WF-2: 2'-10" (MIN.) WIDE x 1'-0" THICK WALL FOOTING WITH (3) #5 EW T&B CONT
- CMU-W-1: 12" CMU WALL FULLY GROUTED W/ #5 VERT REIN @ 24" OC

7. REFERENCE DRAWINGS:

- S000 GENERAL STRUCTURAL NOTES
- S001, S002 SPECIAL INSPECTION SCHEDULES
- S300 GENERAL SECTIONS AND DETAILS
- S301 TYPICAL CONCRETE DETAILS

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1 PARTIAL TOP SLAB PLAN
1/4" = 1'-0"

FOUNDATION NOTES:

- REFERENCE FINISHED FLOOR ELEVATION = XX'-XX"
- FOOTING ARE DESIGNED TO BEAR ON UNDISTURBED NATURAL SOILS WITH AN ASSUMED MINIMUM NET ALLOWABLE BEARING CAPACITY OF 2,000 PSF.
- CONTRACTOR SHALL COORDINATE ALL MASONRY DOWEL SIZES AND SPACING TO BE CAST INTO CONCRETE WITH MASONRY REINFORCING SHOP DRAWINGS.
- REFER TO CIVIL/SITE DRAWINGS FOR PROPOSED GRADE ELEVATIONS AROUND THE PERIMETER OF THE BUILDING.
- REFER TO MEP DRAWINGS FOR ALL PIPE AND CONDUIT SIZES AND LOCATIONS PASSING THROUGH AND/OR UNDER FOUNDATIONS.

DESIGNATIONS:

- S-1 12" THICK WITH #6 @ 12" OC BOTTOM AND #4 @ 12" OC TOP AND #7 @ 12" OC TOP & BOTT DOWEL TO EACH END
- S-2 8" THICK WITH #4 @ 12" EACH WAY BOTTOM AND 6X6- W2.1 XW2.1 WWF
- GB-1 (3) #6 TOP AND (3) #5 BOTTOM REIN - DOWEL TO CONCRETE WALL
- GB-2 (2) #6 TOP AND (2) #5 BOTTOM REIN - DOWEL TO CONCRETE WALL
- GB-3 (2) #5 TOP AND BOTTOM
- BP-1 8"x8"x1/2" BEARING PLATE W/ (2) 3/4" HEADED STUDS INTO FULLY GROUTED (E) CMU

REFERENCE DRAWINGS:

- S000 GENERAL STRUCTURAL NOTES
- S001, S002 SPECIAL INSPECTION SCHEDULES
- S300 GENERAL SECTIONS AND DETAILS
- S301 TYPICAL CONCRETE DETAILS



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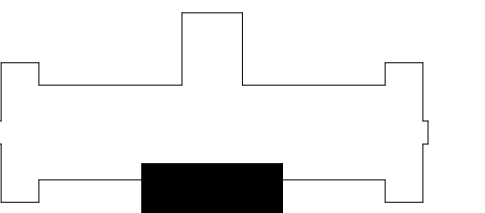
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CONSULTANT



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PROJECT #22002867.01

KEY PLAN



OWNER

Hamtramck Public Schools

PROJECT NAME

HPS-Hamtramck-MI-Kosciuszko MS

2333 Burger St.
Hamtramck, MI 48212

PROJECT NO.

22002867.01

ISSUES / REVISIONS

Bidding / Construction	11/17/2022
Addendum No. 1	12/06/2022

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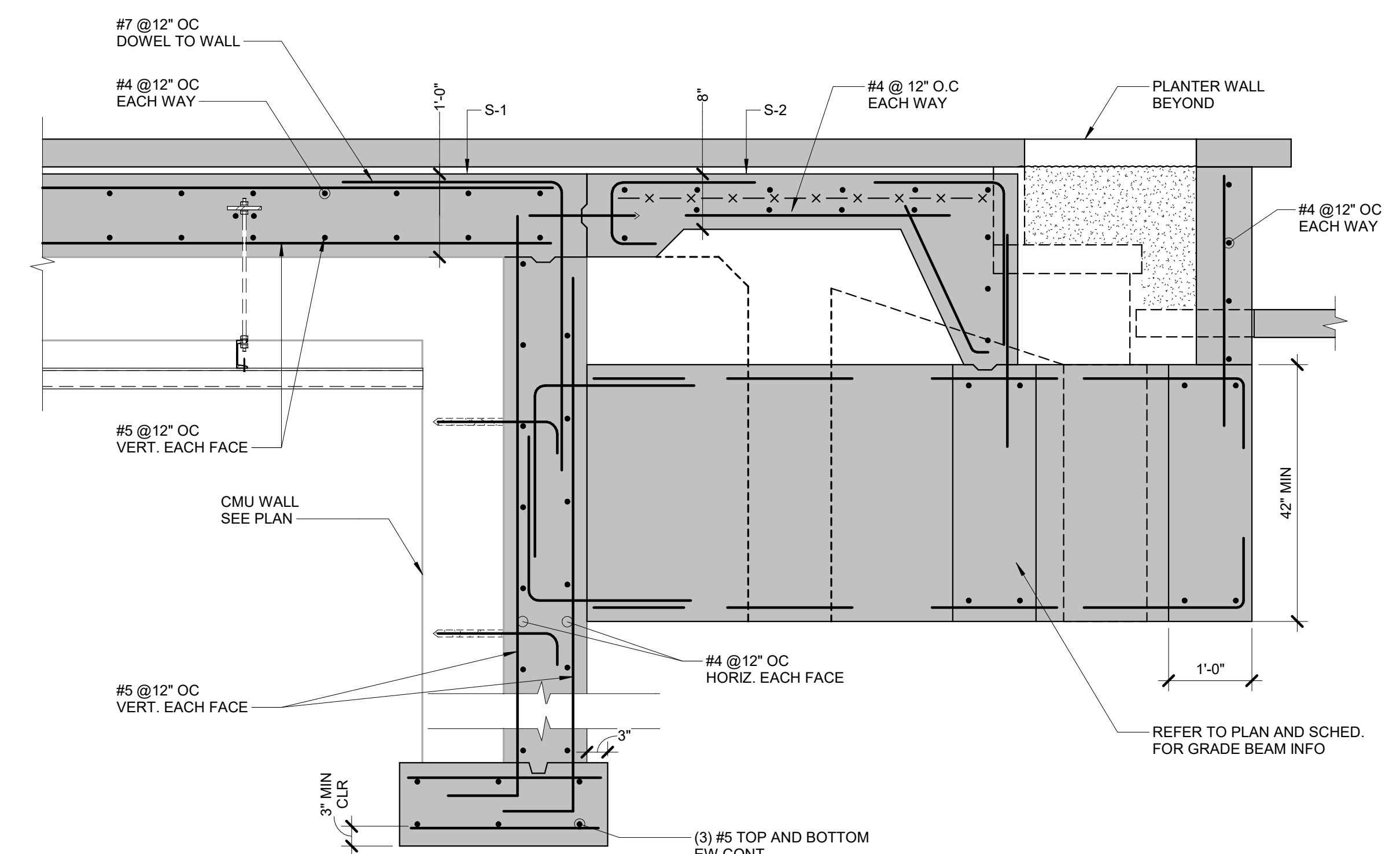
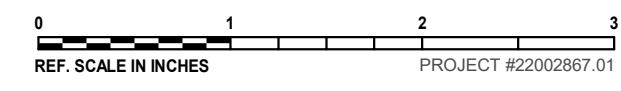
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GENERAL SECTIONS AND DETAILS

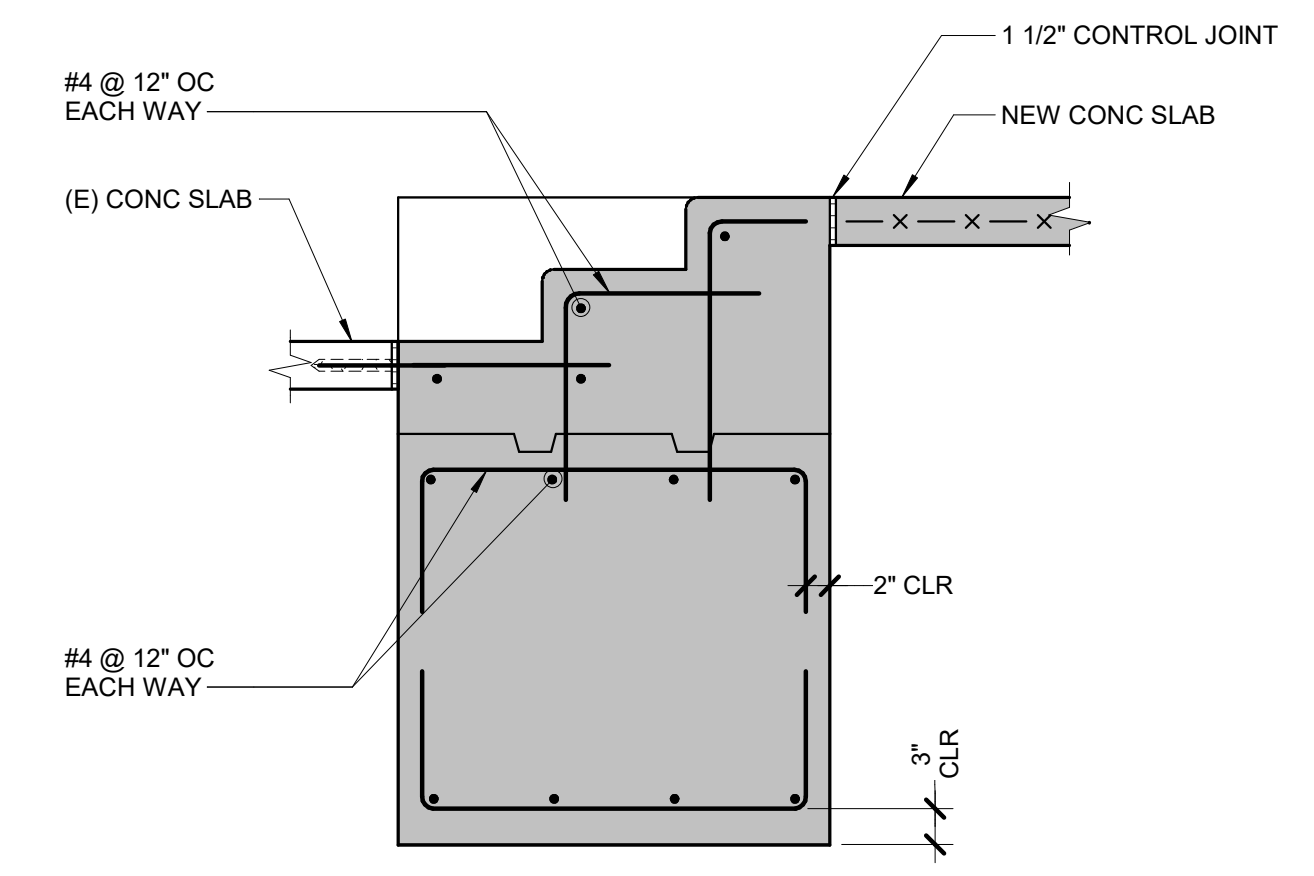
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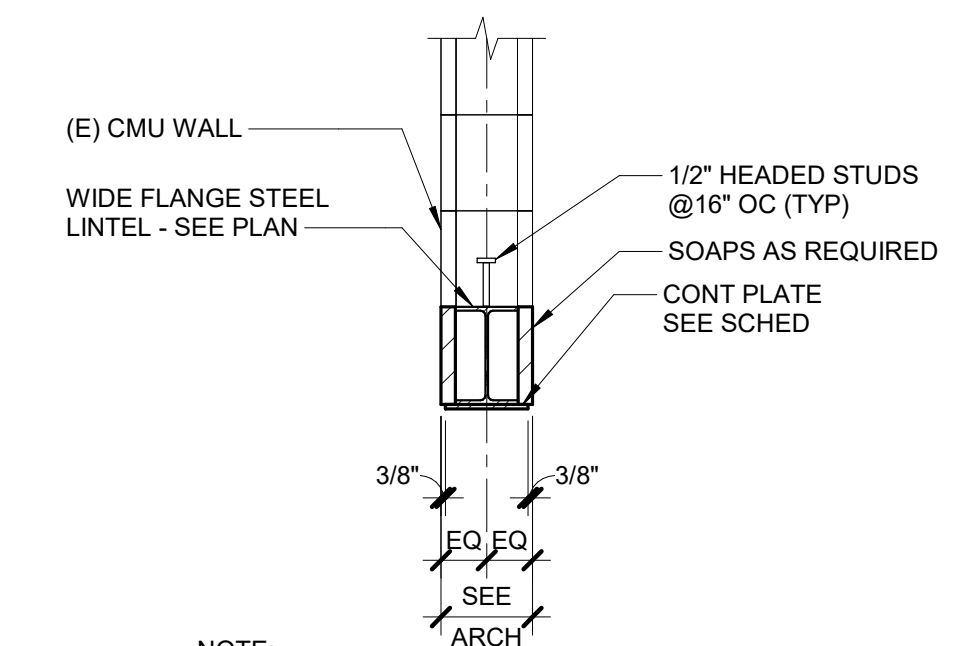
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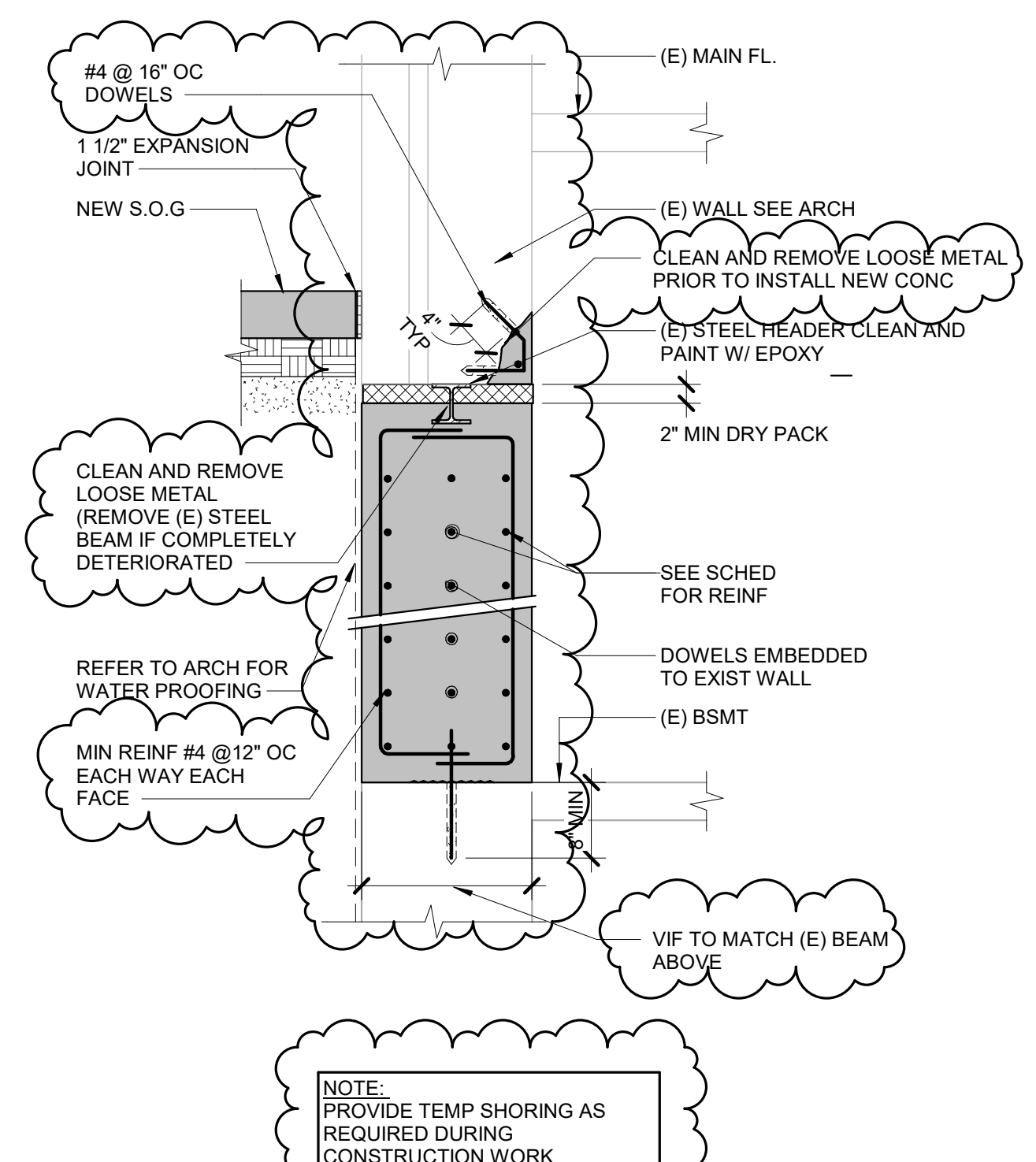
2 SECTION
3/4" = 1'-0"



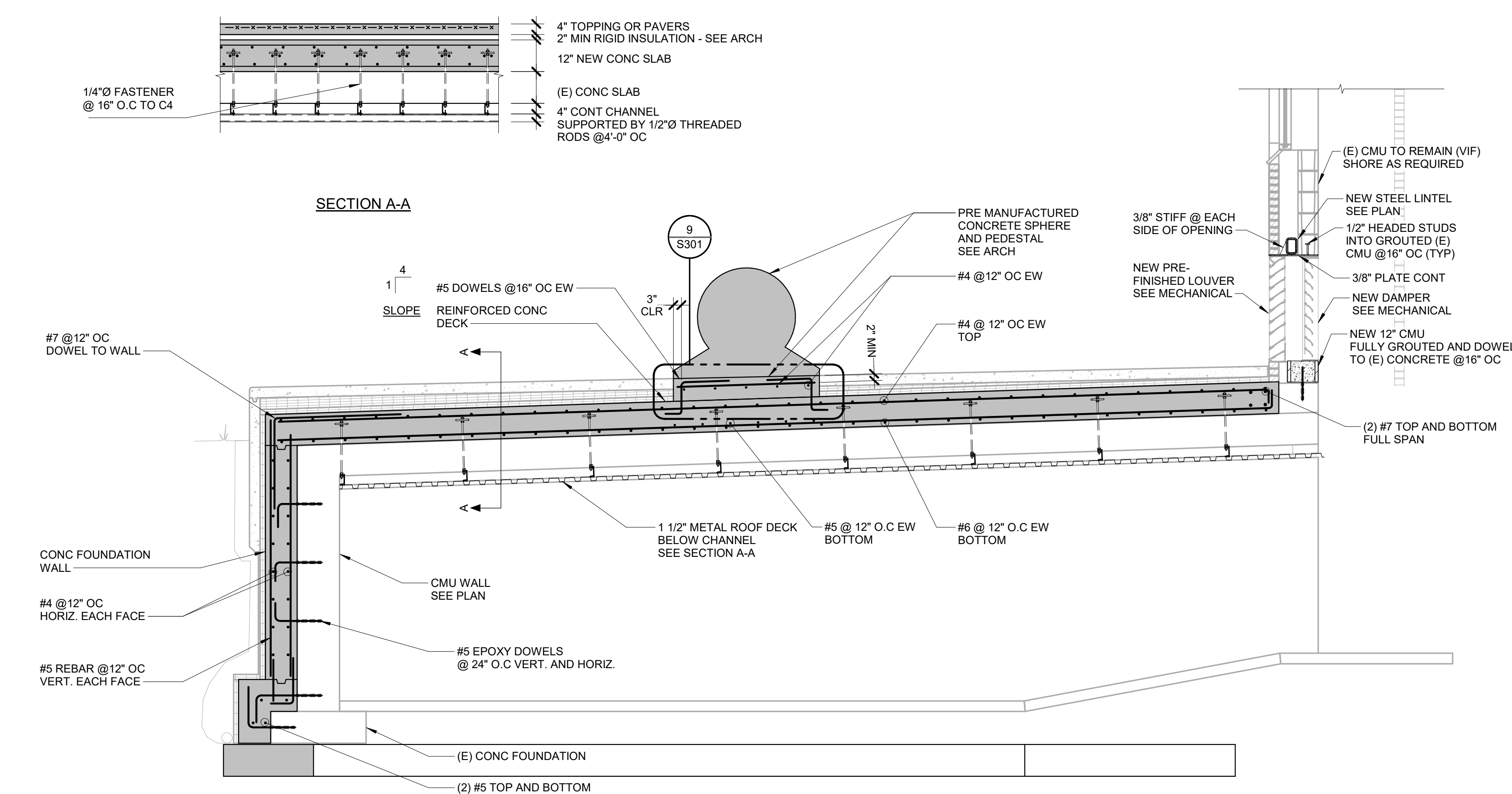
5 SECTION AT STAIR STEPS
3/4" = 1'-0"



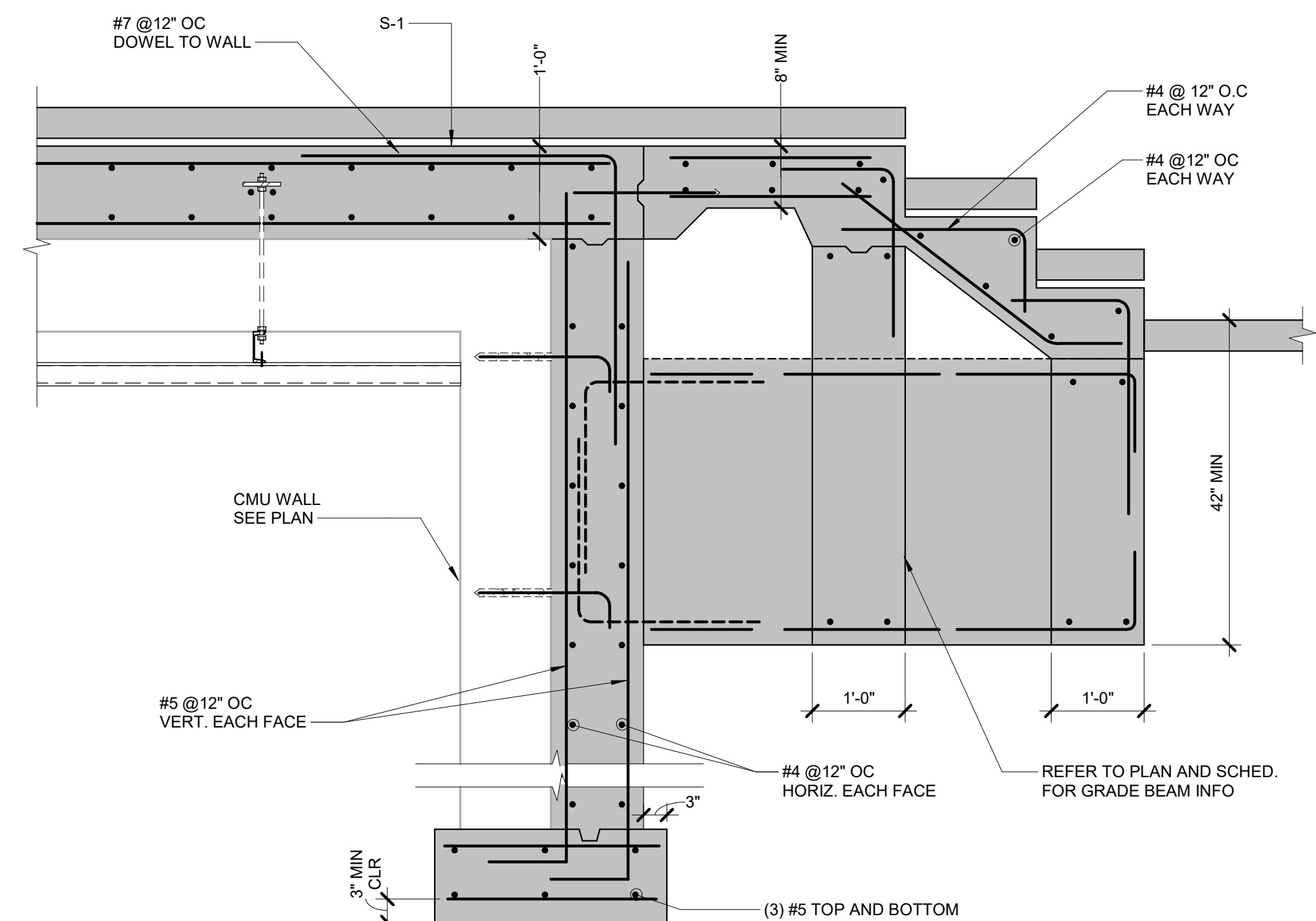
6 WIDE FLANGE LINTEL DETAIL AT EXISTING
3/4" = 1'-0"



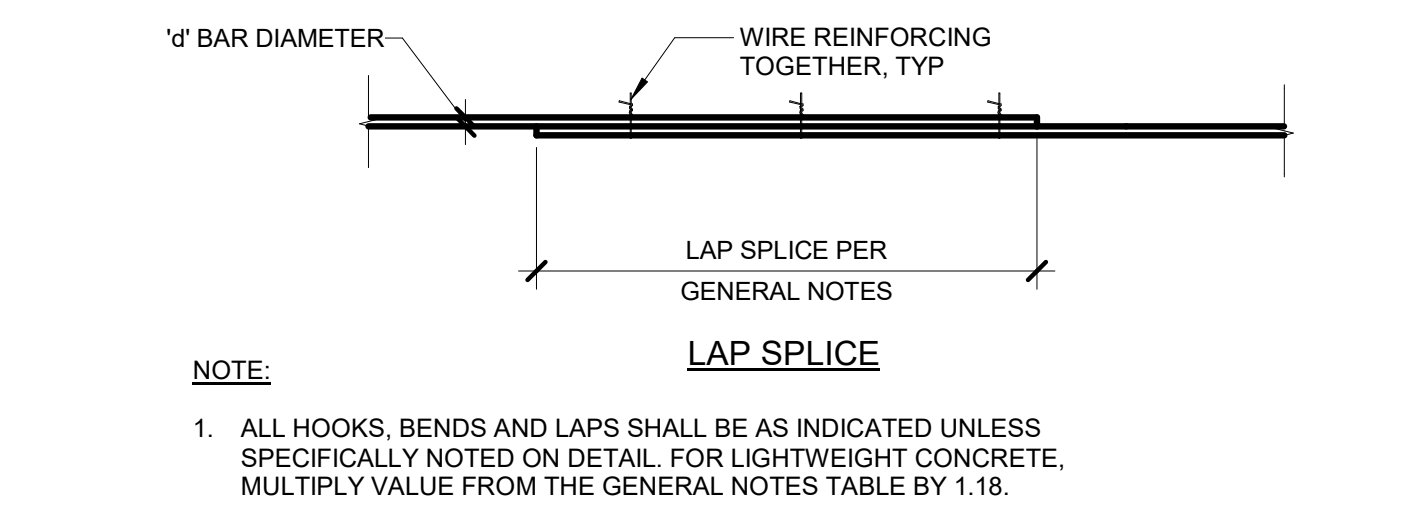
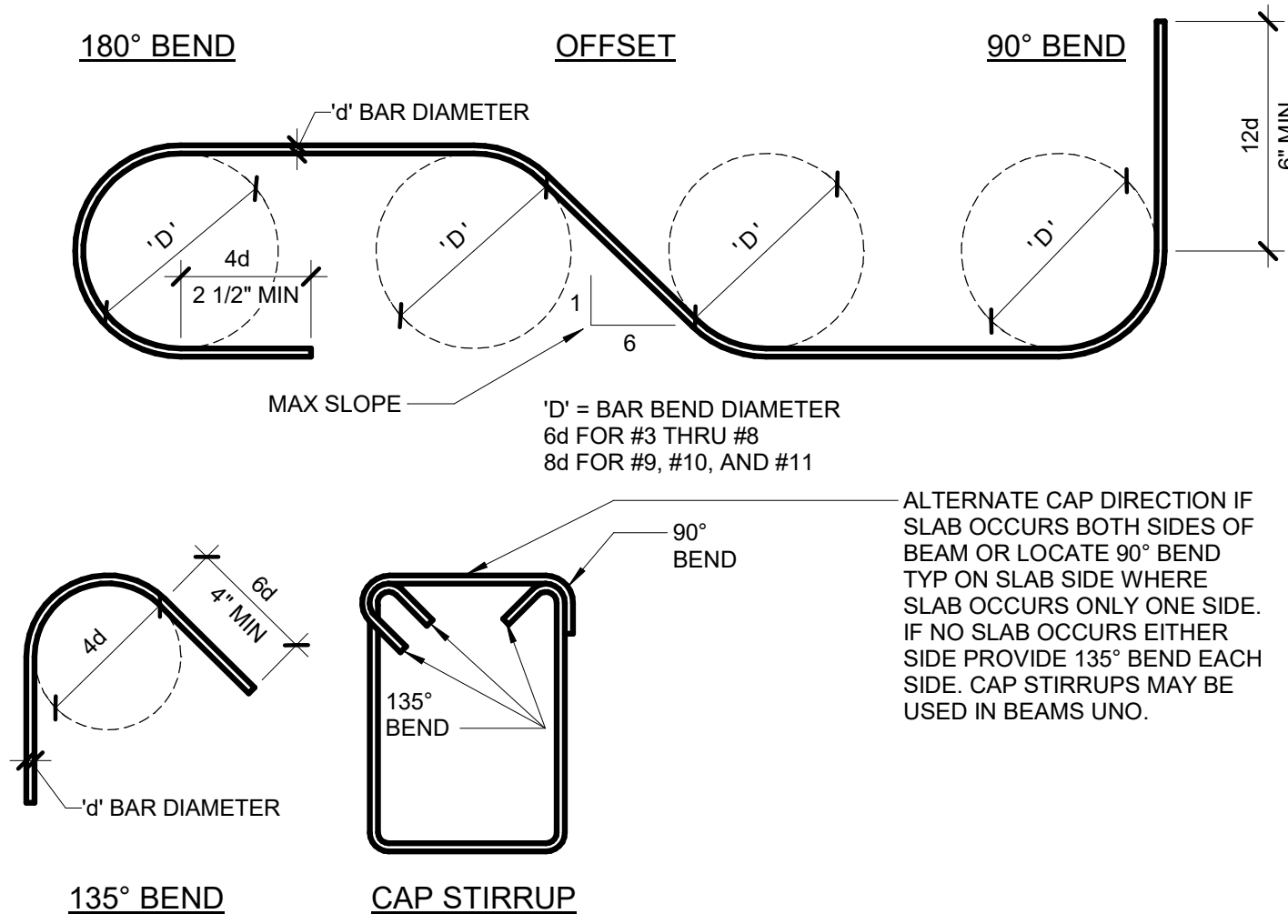
4 SECTION
3/4" = 1'-0"



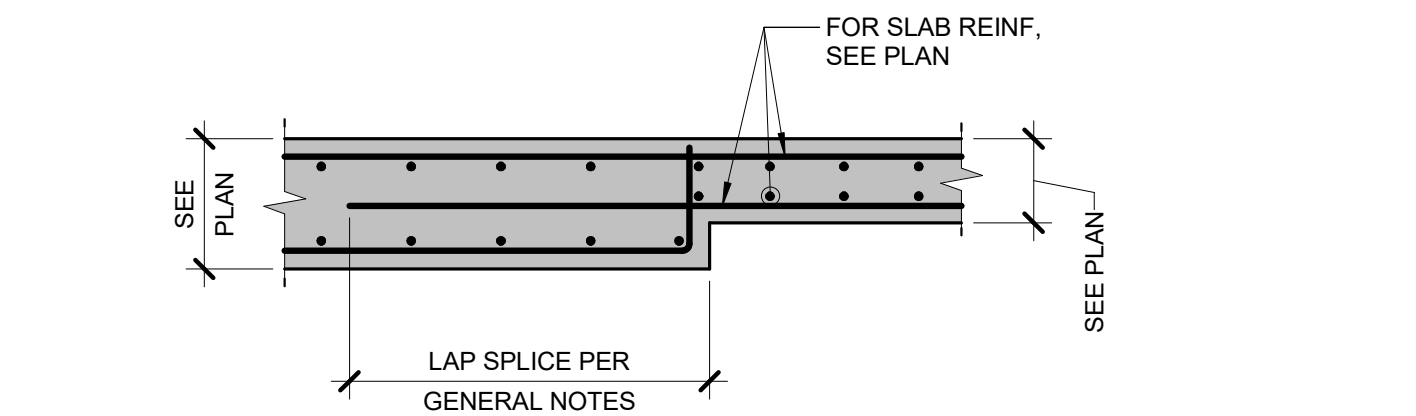
1 SECTION
3/8" = 1'-0"



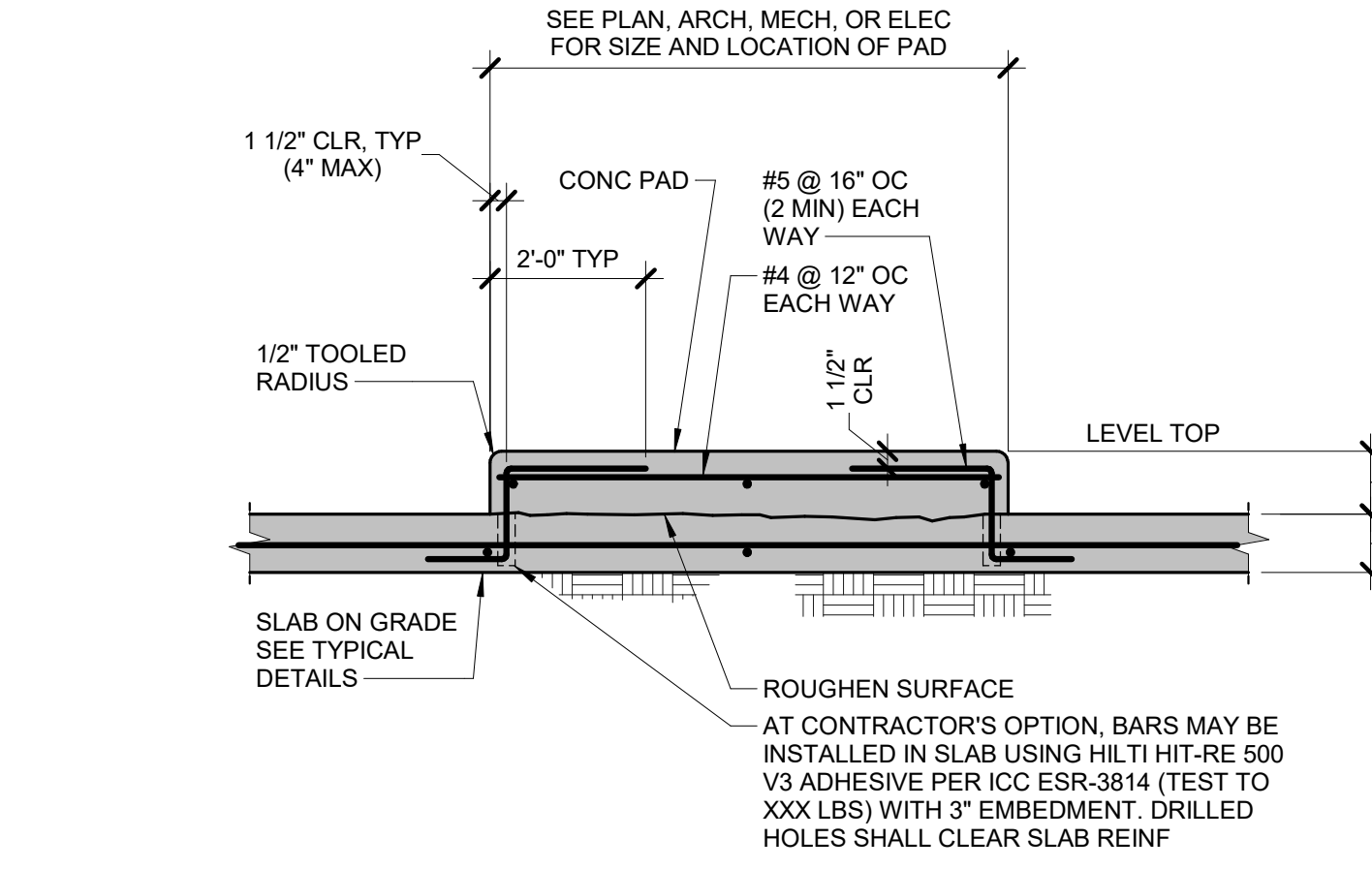
3 SECTION
3/4" = 1'-0"



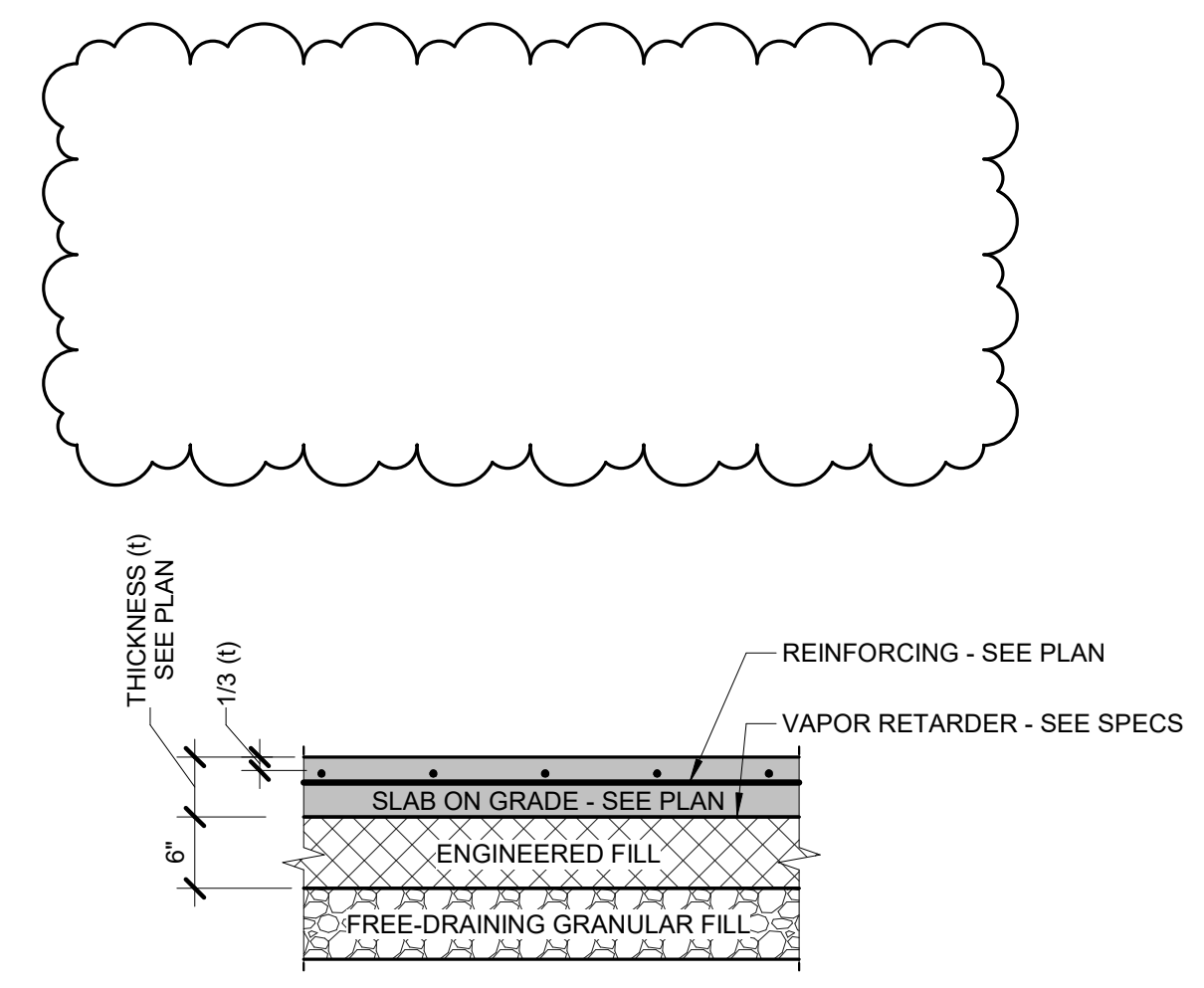
1 TYPICAL REINFORCING DETAILS
3/4" = 1'-0"



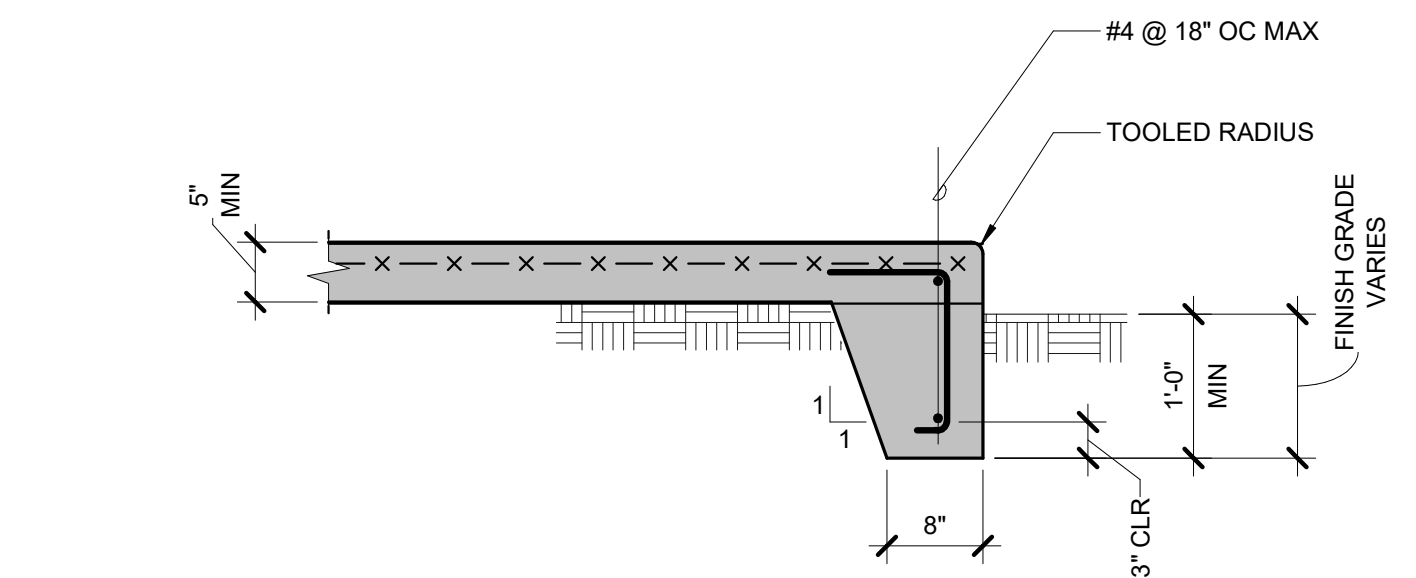
5 CHANGE IN SLAB THICKNESS DETAIL
3/4" = 1'-0"



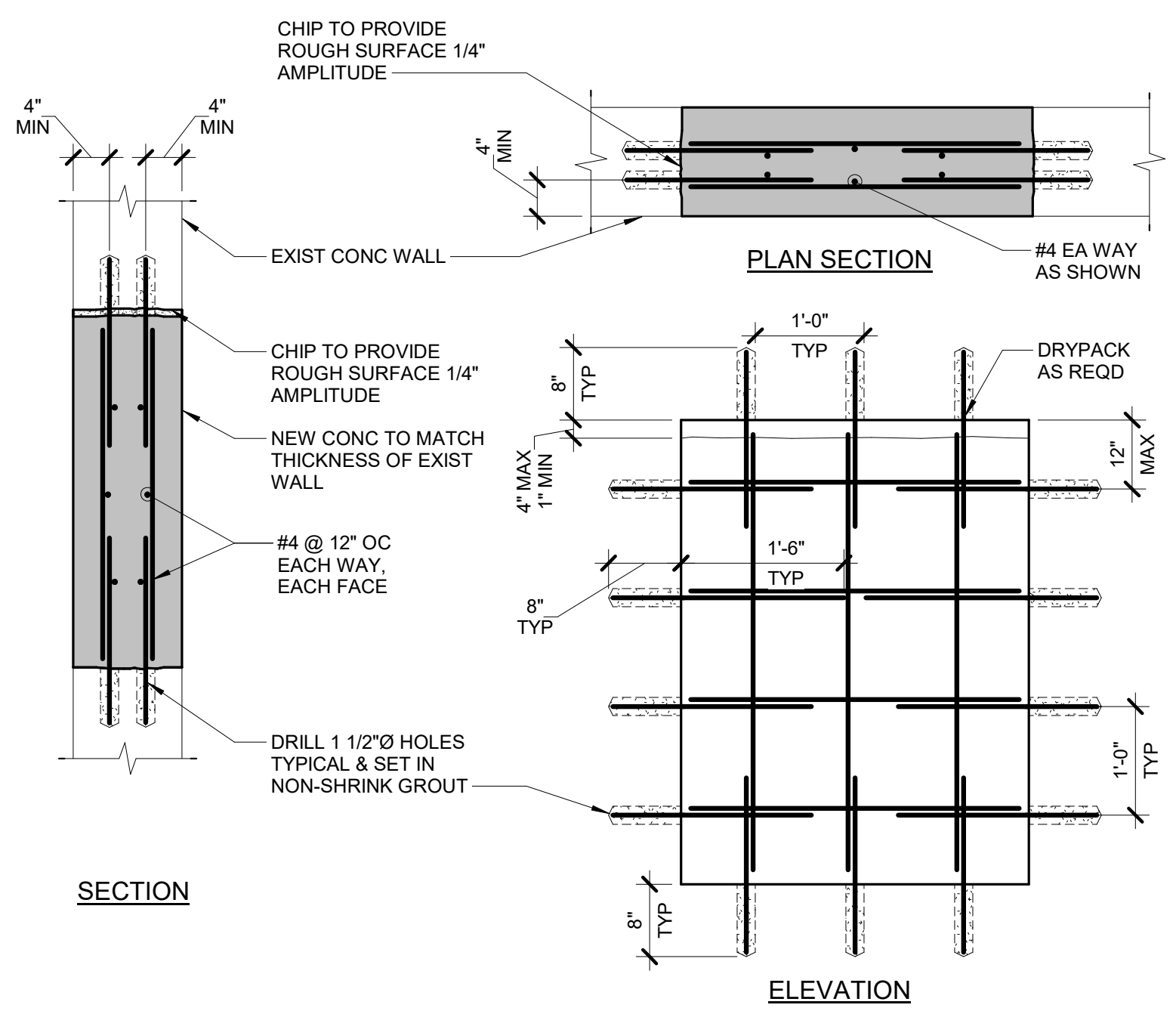
9 TYPICAL CONCRETE EQUIPMENT PAD DETAIL
3/4" = 1'-0"



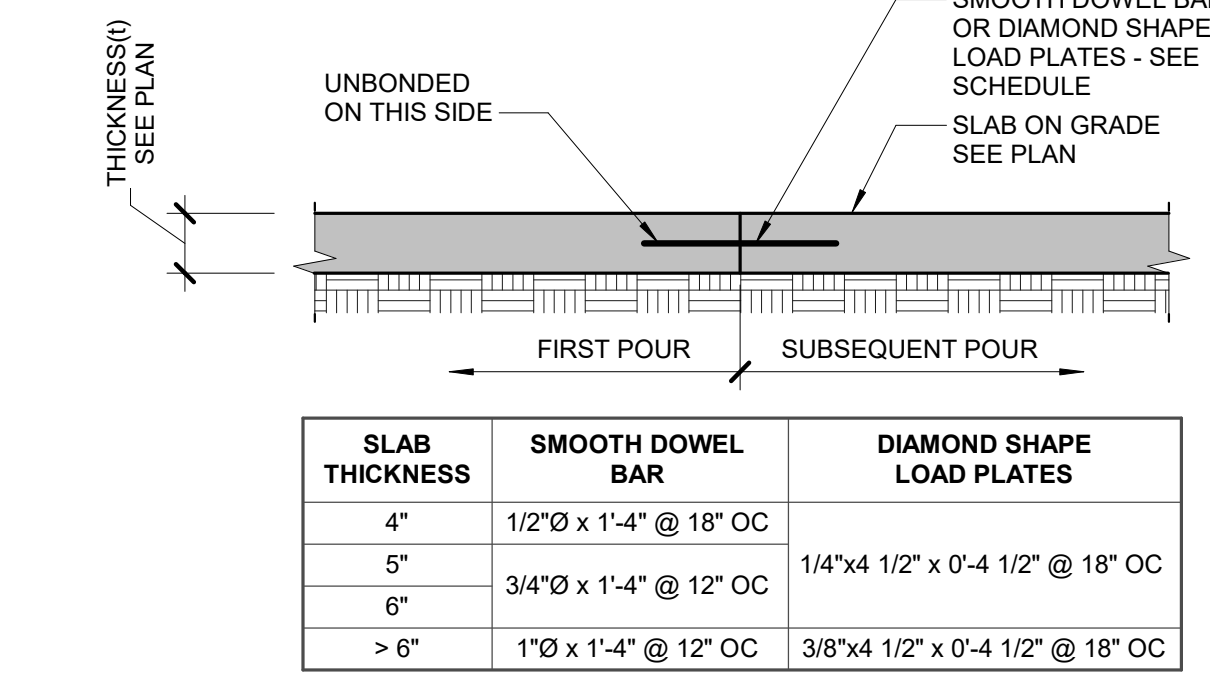
2 TYPICAL SLAB SECTION
3/4" = 1'-0"



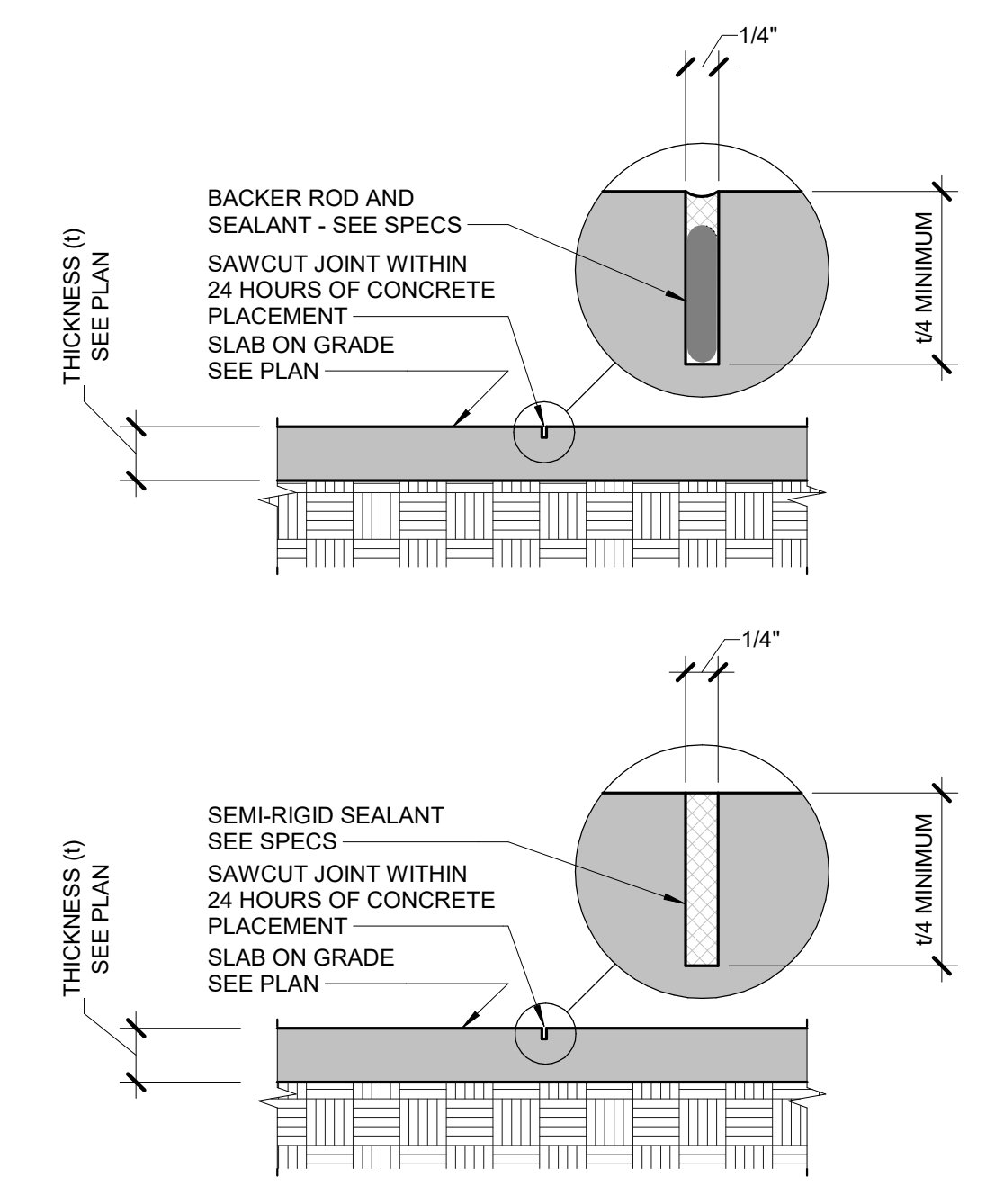
6 TYPICAL EDGE OF SLAB DETAIL
3/4" = 1'-0"



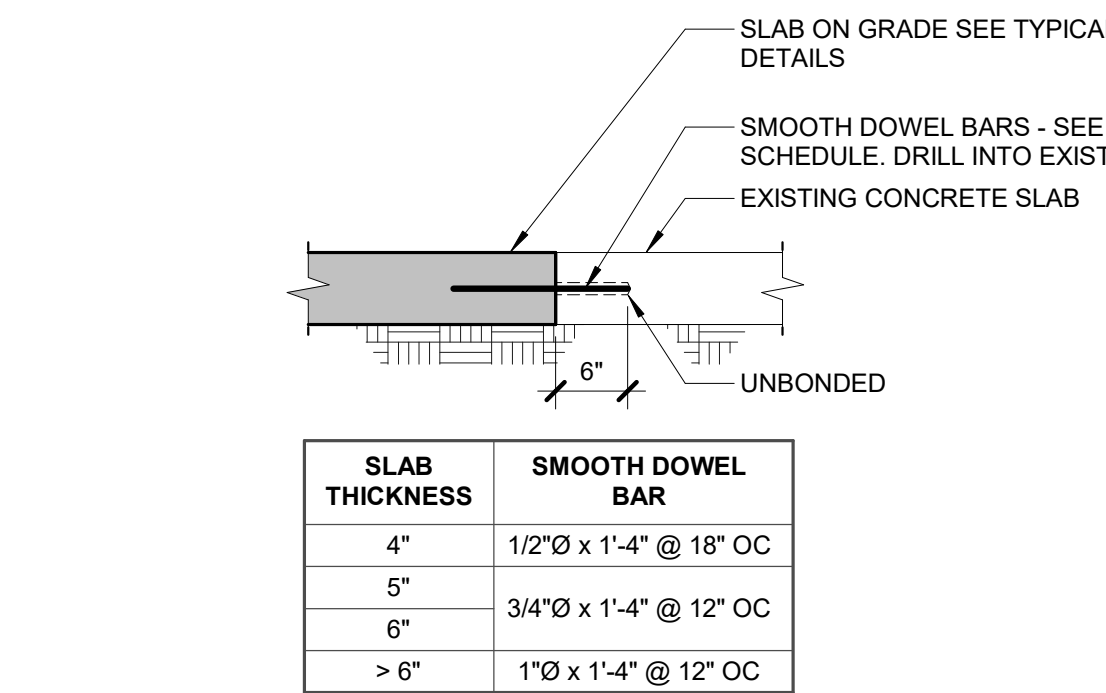
3 INFILL OF EXISTING OPENING
3/4" = 1'-0"



7 TYPICAL CONSTRUCTION JOINT
3/4" = 1'-0"



4 TYPICAL CONTROL JOINT
3/4" = 1'-0"



8 NEW TO EXISTING SLAB DETAIL
3/4" = 1'-0"

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PROJECT #22002867.01

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OWNER
Hamtramck Public Schools

PROJECT NAME
HPS-Hamtramck-MI-Kosciuszko MS

PROJECT NO.
22002867.01

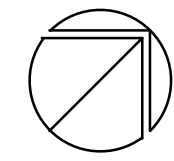
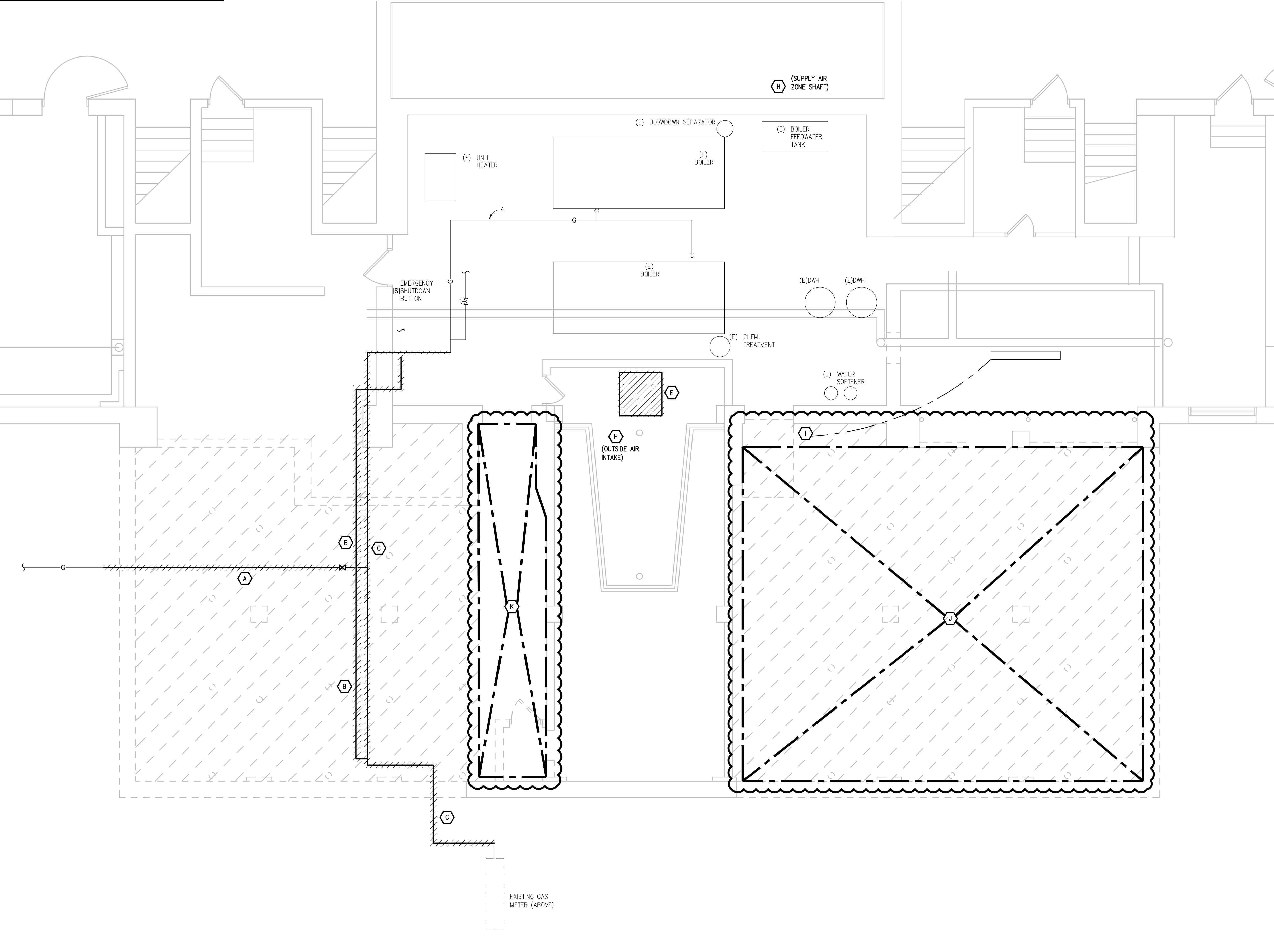
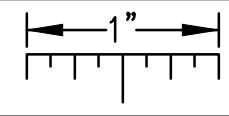
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0 1 2 3
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THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.



LOWER LEVEL MECHANICAL & ELECTRICAL DEMOLITION PLAN

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

MECHANICAL DEMOLITION GENERAL NOTES:

1. ANY INTERRUPTION OF EXISTING SERVICES AND/OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.
2. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. ACTUAL ROUTING AND SIZES OF EXISTING PIPING AND DUCTWORK MIGHT DIFFER TO A LIMITED EXTENT FROM WHAT IS SHOWN. MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL EXISTING CONDITIONS SHALL BE REPORTED TO THE ENGINEER.
3. THE EXACT EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK.
4. ALL MECHANICAL ITEMS TO BE REMOVED SHALL BE REMOVED COMPLETE, INCLUDING ALL RELATED ITEMS SUCH AS HANGERS, SUPPORTS, CONTROLS, ETC. CAP ALL OPEN ENDED PIPES AND DUCTWORK.

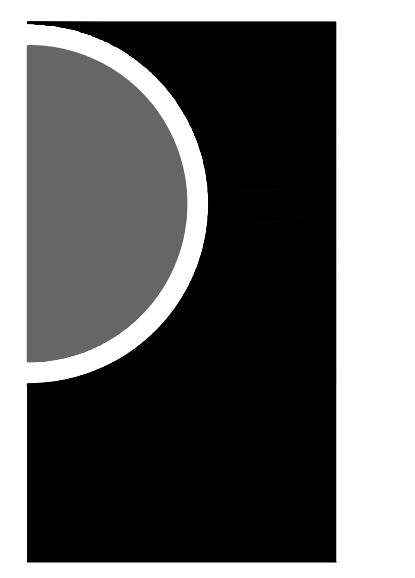
ELECTRICAL DEMOLITION GENERAL NOTES:

1. VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.
2. EXAMINE THE DRAWINGS OF OTHER TRADES AND BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM ALL INCIDENTAL ELECTRICAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.
3. REMOVE EQUIPMENT OR MATERIALS AS INDICATED ON PLAN WITH CROSS HATCHING. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE COMPONENTS SHOWN.
4. COORDINATE WITH NEW WORK PLANS, ONE LINE DIAGRAMS AND RISER DIAGRAMS FOR EXTENT OF DEMOLITION WORK.
5. PROVIDE PROPER SUPPORT FOR EXISTING TO REMAIN CONDUITS AND BOXES WHERE EXISTING SUPPORT IS TO BE REMOVED. RE-ROUTE BRANCH CIRCUIT CONDUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES.
6. REMOVE ALL CONDUIT AND WIRE BACK TO THE SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.
7. MAINTAIN ELECTRICAL SERVICE TO ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM LOADS THAT ARE TO REMAIN.
8. DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSAL OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING TCLP TESTING, PROPER DISPOSAL AND/OR RECYCLING OF FLUORESCENT LAMPS.
9. PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED BUT EXISTING WALLS REMAIN INTACT.
10. RING OUT AND TAG ALL CIRCUITS AFFECTED BY THIS ALTERATION AT BOTH ENDS. MARK ALL UNUSED CIRCUIT BREAKERS "SPARE".
11. PROVIDE UPDATED TYPED-IN DIRECTORIES FOR ALL PANELS AFFECTED BY THIS ALTERATION.
12. VERIFY ALL UNDERGROUND AND IN SLAB UTILITY LOCATIONS PRIOR TO SAW-CUTTING OR PENETRATING ANY FLOOR SLAB.
13. COORDINATE ANY SHUT DOWN OF EXISTING SERVICES AND EQUIPMENT THAT ARE REMAINING IN USE WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING BUILDING SERVICE IS REQUIRED TO BE SHUT DOWN, INCLUDE ALL ASSOCIATED OVERTIME COSTS TO PERFORM THIS WORK DURING WEEKENDS AND EVENINGS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUT DOWNS MUST OCCUR FOR PERIODS LONGER THAN THESE HOURS. COORDINATE ELECTRICAL SHUT DOWNS WITH THE OWNER 72 HOURS PRIOR TO SHUT DOWN.

DEMOLITION KEY NOTES:

- A. REMOVE SECTION OF 2 GAS PIPE IN ROOM TO BE INFILLED. PREPARE EACH END OF PIPING FOR NEW WORK.
- B. REMOVE SECTION OF 1 GAS PIPING IN ROOM TO BE INFILLED. PREPARE EACH END OF PIPING FOR NEW WORK.
- C. REMOVE SECTION OF 4 GAS PIPING IN ROOM TO BE INFILLED. PREPARE EACH END OF PIPING FOR NEW WORK.
- D. TRENCH AREA FOR INSTALLATION OF NEW GAS LINES.
- E. REMOVE ABANDONED DUCTWORK.
- F. REMOVE 48 x 55 LOUVER, DAMPER AND ASSOCIATED LINKAGE. SALVAGE ACTUATOR FOR RE-INSTALLATION. PREPARE CONTROL SIGNAL FOR NEW WORK. PREPARE CONDUIT FOR RELOCATION/NEW WORK. PREPARE OPENING FOR NEW WORK.
- G. REMOVE (4) 36 x 55 LOUVERS, DAMPERS, LINKAGE AND ACTUATORS COMPLETE. PREPARE CONTROL SIGNAL FOR NEW WORK. PREPARE OPENING FOR NEW WORK.
- H. PROVIDE PRE-DEMOLITION SUPPLY AND OUTSIDE AIR FLOW READING FOR MAIN AIR HANDLING UNIT. REPORT FINDINGS BACK TO ENGINEER.
- I. RELOCATE SWITCH AND ASSOCIATED BRANCH CIRCUIT FOR EXISTING LIGHT FIXTURE IN STORAGE ROOM. SEE NEW PLANS.
- J. REMOVE ALL ELECTRICAL DEVICES (POWER, LIGHTING, ETC..) IN THIS ROOM COMPLETE (BACK TO SOURCE).
- K. CIRCUITING AND LIGHTING TO BE MAINTAINED. TEMPORARILY REMOVE AND RE-INSTALL ANY CONDUIT AND LIGHT FIXTURES FOR FACILITATION OF NEW CEILING PANELS. SEE ARCHITECTURAL.

PARTNERS



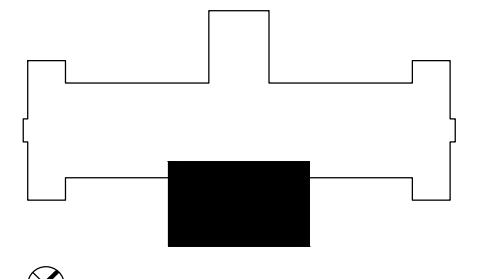
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KEY PLAN



OWNER
Hamtramck Public Schools

PROJECT NAME
Kosciuszko Middle School Structural Repairs

2333 Burger St.
Hamtramck, MI 48212

PROJECT NO.
21-167

ISSUES / REVISIONS
Bidding / Construction 11/17/2022
Addendum #1 12/6/2022

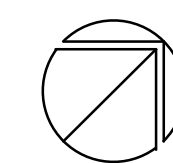
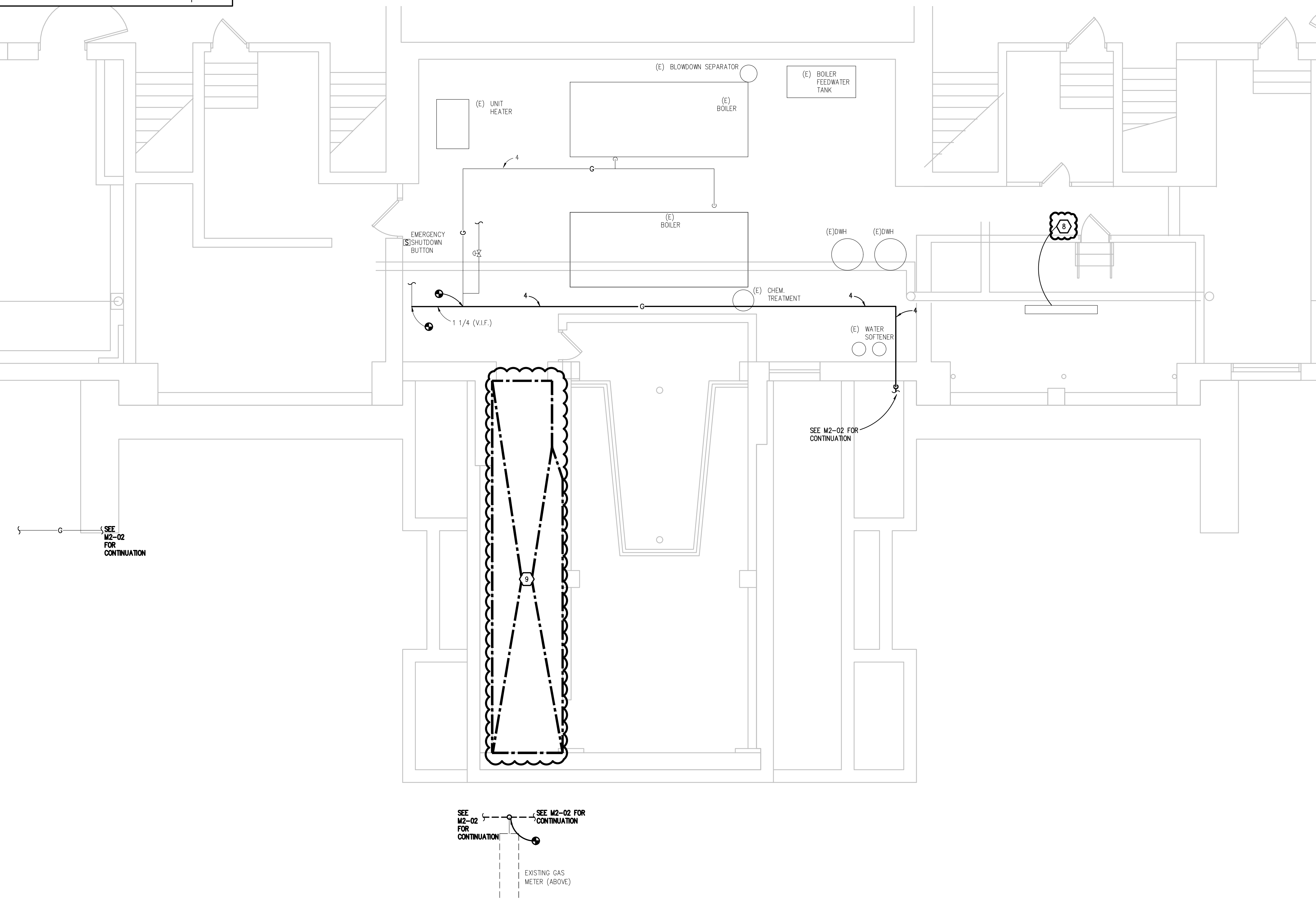
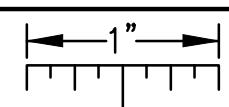
NO.	DESCRIPTION	DATE

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SHEET NAME
LOWER LEVEL MECHANICAL & ELECTRICAL DEMOLITION PLAN

SHEET NO.
MED2-01

G:\2022\2022-0160-00\CAD\2022-0160-MD2-DPO.dwg, MED2-01 LOWER LEVEL MECHANICAL & ELECTRICAL DEMOLITION PLAN, 12/6/2022 7:01:31 PM, Joseph P. Giglio, Peter Basso Associates Inc.

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.



LOWER LEVEL MECHANICAL AND ELECTRICAL PLAN
SCALE: 1/4" = 1' - 0"

PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".
11. WATER SERVICE ENTRANCE PIPING SHALL BE BURIED WITH DEPTH OF COVER OVER TOP OF PIPE OF AT LEAST 12" OR WITH TOP OF PIPE AT LEAST 12" BELOW LEVEL OF MAXIMUM FROST PENETRATION, OR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, WHICHEVER IS DEEPEST.

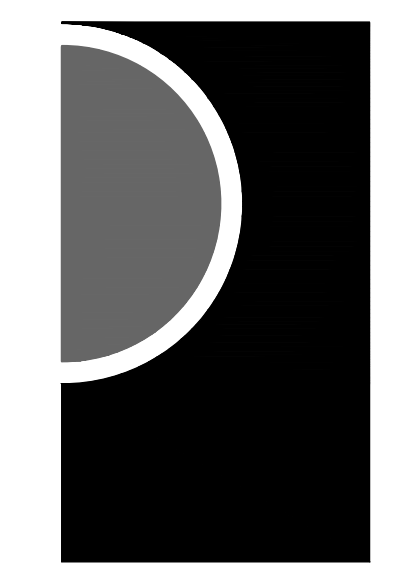
SHEET METAL GENERAL NOTES:

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3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
7. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

CONSTRUCTION KEY NOTES:

1. PIPE RISES TO PENETRATE BUILDING ABOVE GRADE. SEE LOWER LEVEL PLAN M2-01 FOR CONTINUATION.
2. GAS PIPE BURIED BELOW GRADE.
3. PROVIDE 60w x 40h LOUVER AND DAMPER INTERLOCKED TO BOILER No. 1. RECONNECT SALVAGED DAMPER ACTUATOR AND EXISTING ELECTRIC CONTROL SIGNAL.
4. PROVIDE 60w x 40h LOUVER AND DAMPER INTERLOCKED TO BOILER No. 2. RECONNECT SALVAGED DAMPER ACTUATOR AND EXISTING ELECTRIC CONTROL SIGNAL.
5. PROVIDE 48w x 40h LOUVER AND DAMPER INTERLOCKED TO AHU. PROVIDE NEW PNEUMATIC ACTUATOR AND RECONNECT INTO EXISTING PNEUMATIC CONTROL SIGNAL.
6. ISOLATION VALVES TO BE JUST ABOVE GRADE.
7. RELOCATE CONDUIT SERVING ACTUATOR.
8. RELOCATED SWITCH AND ASSOCIATED CIRCUIT.
9. RE-INSTALL LIGHT FIXTURES AND ASSOCIATED CONDUIT/CIRCUIT.

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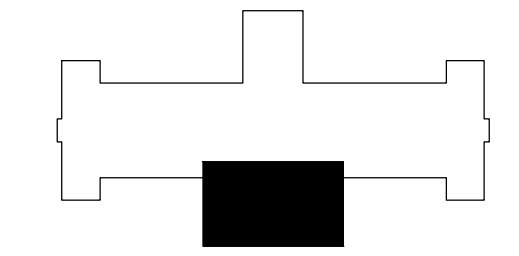
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