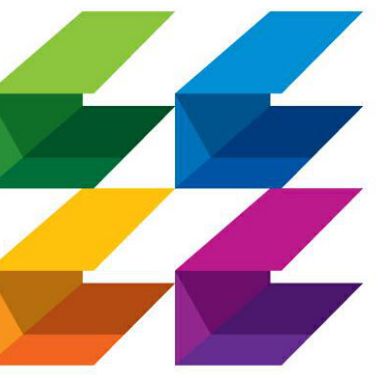


TRINITY LUTHERAN SCHOOL NEW PASSAGEWAY

DELRAY BEACH, FL

400 N SWINTON AVE.



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SOWARDS
AGUILA**
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ISSUED FOR :

SPA

BIDS

PERMIT

CONSTRUCTION

SEAL

PROJECT TITLE

**TRINITY
PASSAGEWAY**

400 N SWINTON AVE,
DELRAY BEACH, FL 33444

REVISIONS

| NUM. | DESCRIPTION | DATE |
|------|-------------|------|
| | | |



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| ARCHITECTURE | |
|--------------|---------------------------------------|
| A0.00 | COVER SHEET |
| A0.02 | GENERAL NOTES, PROJECT DATA |
| A0.10 | LIFE SAFETY PLANS |
| A1.01 | SITE / LOCATION PLAN |
| A1.02 | DEMO PLAN & NEW CONCRETE WALKWAY PLAN |
| A1.03 | EXISTING ROOF OVERHANG DEMOLITION |
| A2.01 | OVERALL FIRST & SECOND FLOOR PLAN |
| A2.03 | ROOF PLAN & DETAILS |
| A3.01 | BUILDING ELEVATIONS |
| A3.02 | BUILDING ELEVATIONS & DETAILS |
| A6.01 | REFLECTED CEILING PLANS |
| A7.01 | OVERALL BUILDING SECTIONS |
| A7.10 | BUILDING & WALL SECTIONS |
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| S0.1 | STRUCTURAL SPECIFICATIONS |
| S0.2 | SCHEDULES & WIND TABLES |
| S1.0 | STRUCTURAL PLANS |
| S2.0 | FOUNDATION DETAILS |
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| S4.0 | ISOMETRIC FRAMING |

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|-----------------------|--|
| E0.1 | ELECTRICAL NOTES DETAILS |
| E1.1 | OVERALL FIRST & SECOND FLOOR ELECTRICAL PLAN |

| SURVEY | |
|--------|--------|
| S:1 | SURVEY |

BID/PERMIT SET

THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ARCHITECT AND ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.

DRAWING TITLE

COVER SHEET

DATE 04/22/22 DRAWN BY CP

JOB NUMBER 201104

DR. [Signature]

A0.00

4/22/2022

GENERAL NOTES

- 1. THIS PROJECT IS TO BE CONSTRUCTED UNDER THE PROVISIONS OF THE 2020 FLORIDA BUILDING CODE SEVENTH EDITION, FLORIDA ACCESSIBILITY CODE 2020, NFPA 1 AND NFPA 101, ADA, FLORIDA STATE STATUTES AND ALL OTHER APPLICABLE CODES.
2. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY OBSERVED DISCREPANCIES PRIOR TO SUBMISSION OF BIDS.
3. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE DIMENSIONS.
4. ANY WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
5. THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW THE DESIGN INTENT ONLY. THEY DO NOT SHOW EVERY MINOR DETAIL OF CONSTRUCTION. ALL TRADES ARE RESPONSIBLE FOR FURNISHING COMPLETE BUILDING SYSTEMS AND ALL ITEMS THAT WOULD NORMALLY BE CONSIDERED INCIDENTAL TO THEIR INSTALLATION.
6. THE CONTRACTOR SHALL REVIEW THE PROJECT CONTRACT DOCUMENTS AND NOTIFY THE ARCHITECT OF ANY OBSERVED DISCREPANCIES PRIOR TO START OF CONSTRUCTION.
7. ALL EXPOSED STUCCO, CONCRETE, CEMENT, PLASTER OR GYPSUM BOARD SURFACES TO BE PAINTED UNLESS OTHERWISE NOTED. COLOR TO BE SELECTED BY ARCHITECT. REFER TO MANUFACTURER'S SPECIFICATION FOR APPLICATION PROCEDURE.
8. ALL CEMENT PLASTER OR PORTLAND CEMENT BOARD ABUTTING OTHER MATERIAL TO BE FINISHED WITH PVC EDGE STRIPS.
9. ALL EXPOSED METAL TO BE PAINTED. COLOR AS SELECTED BY THE ARCHITECT. REFER TO SPECIFICATION FOR APPLICATION PROCEDURE.
10. NO ASBESTOS IN ANY FORM WILL BE PERMITTED IN THIS BUILDING.
11. ALL DIMENSIONS SHOWN ON THIS PLAN ARE NOMINAL. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST ACTUAL CONSTRUCTION DIMENSIONS SLIGHTLY TO ALLOW FOR EXACT MATERIAL THICKNESS AND REQUIRED CLEARANCE. DIMENSIONS ON PLANS ARE TO FINISH OF INTERIOR STUD PARTITIONS, CENTERLINE OF CONSTRUCTION LINES, AND FACE OF MASONRY.
12. THE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ARCHITECTURAL DRAWINGS WITH RESPECT TO COLUMN AND STRUCTURAL ELEMENTS LOCATIONS. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
13. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND EACH OF HIS SUBCONTRACTORS TO REVIEW ALL DRAWINGS, PROJECT MANUAL, ADDENDA ETC. TO ASSURE COORDINATION OF ALL WORK AFFECTING EACH TRADE. FAILURE TO REVIEW ALL CONTRACT DOCUMENTS FOR APPLICABLE ITEMS OF WORK SHALL NOT RELIEVE THE RESPONSIBLE PARTY FROM PERFORMING WORK SO REQUIRED. WORK SHOWN ON ONE DRAWING IS AS GOOD AS IF SHOWN ON EVERY DRAWING.
14. EXISTING CONDITIONS- THE EXISTING SITE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE ACCURATE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE JOB SITE AND NOTIFY THE ARCHITECT OF DEVIATIONS FROM THESE DRAWINGS.
15. N.I.C. ITEMS- ALL ITEMS MARKED N.I.C. (NOT IN CONTRACT) ARE TO BE FURNISHED BY THE OWNER. CONSULT THE ARCHITECT FOR ANY ADDITIONAL REQUIRED INFORMATION NOT SHOWN.
16. DUCTS, PIPES, CONDUIT, ETC.- ALL VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUIT, ETC. (WHETHER SHOWN OR NOT) IN FINISHED ROOMS SHALL BE LOCATED IN WALL. ITEMS THAT CANNOT BE LOCATED IN WALL SHALL BE FURRED IN AND FINISHED TO MATCH ADJACENT FINISHED SURFACES AND ANY REQUIRED WALL OR CEILING RATINGS. VERIFY ACCEPTABILITY WITH ARCHITECT PRIOR TO ENCASMENT.
17. ACCESS PANELS: FURNISH AND INSTALL ACCESS PANELS. WHETHER SHOWN OR NOT, IN WALLS AND NON-ACCESSIBLE TYPE CEILING WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, FIRE PROTECTION, PLUMBING, OR ELECTRICAL EQUIPMENT IS REQUIRED.
18. PRECAUTIONS: DO NOT PROCEED WITH WORK IF UNFORESEEN CONDITIONS ARE DISCOVERED WHICH COULD CAUSE ADVERSE EFFECTS UPON THE STRUCTURE OR ITS OCCUPANTS. REPORT ANY SUCH CONDITION IMMEDIATELY TO THE ARCHITECT. TAKE PRECAUTIONS TO PROPERLY SUPPORT THE STRUCTURE. THE CONTRACTOR SHALL REPORT ALL TOXIC MATERIALS LOCATED TO OWNER, ARCHITECT AND AUTHORITIES HAVING JURISDICTION. REMOVAL OF MATERIAL WILL BE COMPLETED PER APPROVED MEANS BEFORE CONSTRUCTION CONTINUES.
19. SAFETY: PROVIDE, ERECT AND MAINTAIN BARRICADES, LIGHTING AND GUARDRAILS AS REQUIRED BY APPLICABLE REGULATORY AGENCIES TO PROTECT OCCUPANTS OF BUILDING AND WORKERS.
20. IF DISCREPANCIES EXIST BETWEEN SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT REQUIREMENT SHALL PREVAIL. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES TO OBTAIN CLARIFICATION.
21. EXIT ACCESS: MAINTAIN FREE, SAFE, AND APPROVED MEANS OF EGRESS IN AND OUT OF PROJECT LOCATION IN ACCORDANCE WITH REQUIREMENTS OF APPLICABLE REGULATORY AGENCIES.
22. FINISHES: ALL FINISHES AND COLORS OF FIXTURES, EQUIPMENT, LIGHTS, DIFFUSERS, SINKS, PAINT, WALLCOVERINGS, ETC. SHALL BE SELECTED BY ARCHITECT. SUBMIT MANUFACTURER'S FULL RANGE OF STANDARD FINISHES TO ARCHITECT FOR SELECTION FOR ALL ITEMS NOT SPECIFICALLY IDENTIFIED IN THE PLANS AND SPECIFICATIONS. REFER TO FINISH SCHEDULE AND NOTES.
23. STRUCTURAL REINFORCEMENT: IN THE EVENT THAT OPENING SIZES DICTATE THE NEED FOR ADDITIONAL STRUCTURAL REINFORCEMENT, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUCH REINFORCEMENT DESIGNED BY THE ENGINEER OF RECORD FOR NO ADDITIONAL COST.
24. THE GENERAL CONTRACTOR SHALL COORDINATE OPENINGS IN SLABS AND WALLS AS REQUIRED FOR THE INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION ITEMS. DO NOT CUT CONCRETE COLUMNS, BEAMS, OR OTHER STRUCTURAL ELEMENT WITHOUT THE PRIOR WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER OF RECORD.
25. CONTRACTOR SHALL HOLD A MEETING OF ALL SUB-CONTRACTORS WHO HAVE WORK THAT IS TO BE INSTALLED ABOVE THE CEILING PRIOR TO THE START OF THEIR INSTALLATION FOR THE PURPOSE OF COORDINATING NECESSARY CLEARANCES AND PROPER ROUTING.
26. ANY EXPOSED PLUMBING, ELECTRICAL OR FIRE SPRINKLER CONDUIT OR PIPING SHALL BE PAINTED TO MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED.
27. WHERE STUCCO IS APPLIED, THE CONTRACTOR SHALL INSTALL CONTROL JOINTS AS INDICATED IN ASTM C-1063.
28. THE ARCHITECTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT, BY THEMSELVES, PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY CONSTRUCT THE PROJECT. THE GENERAL CONTRACTOR SHALL CONSULT THE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, CIVIL, LANDSCAPING, AND SPECIALTY CONSULTANTS' DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THOSE DRAWINGS WITH THE ARCHITECTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND STRUCTURAL FOR ADDITIONAL OPENINGS, DEPRESSIONS, PENETRATIONS, INSERTS, DRAINS, ETC. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK. THIS COORDINATION IS THE CONTRACTORS RESPONSIBILITY, AND NO EXTRA COMPENSATION WILL BE ALLOWED RESULTING FROM THE CONTRACTORS FAILURE TO COMPLY WITH THESE REQUIREMENTS.

REFERENCE SYMBOLS

Table with columns: TYPE, DESCRIPTION, TYPE, DESCRIPTION. Includes symbols for wall type, door number, storefront & window type tag, view reference, centerline, propertyline, slope direction, elevation, recess & recess dimension, ceiling type and height tag, room name, grid bubble numbers horizontally/vertically, revision delta symbol, revision cloud, door & door number, and a north arrow.

ABBREVIATIONS

Table listing abbreviations for exterior, interior, and structural elements. Columns include symbol, number or pound, and description. Examples include: # AND (number or pound), 2:1 SL (horizontal to 1 vertical slope), @ (chanel), AB (anchor bolt), AC (asphaltic concrete), AD (area drain), etc.

GENERAL PROJECT DATA

PROJECT LOCATION: TRINITY LUTHERAN CHURCH SCHOOL GROUNDS, 400 N SWINTON AVE., DELRAY BEACH, FL 33444
PROJECT SUMMARY: THIS PROJECT CONSIST OF THE CONSTRUCTION OF A NEW MASONRY 2-STORY COVERED OPEN PASSAGEWAY (APROX. 104 FT. LONG) DIRECTLY OVER AN EXISTING GRADE LEVEL CONCRETE WALKWAY PATHWAY. WIDTH OF THE NEW PASSAGEWAY WILL MATCH THE WIDTH OF THE EXISTING WALKWAY. THIS NEW PASSAGEWAY WILL CONNECT OCCUPANTS TO TWO EXISTING 2-STORY STRUCTURES. THE EXISTING CONCRETE PATHWAY TO BE REMOVED AND REPLACED.

APPLICABLE BUILDING CODES

Table listing applicable building codes: Florida Building Code 2020, 7th Edition; Florida Accessibility Code 2020, 7th Edition; National Electrical Code, FL Edition 2017; Florida Fire Prevention Code 2020, 7th Edition; Florida Plumbing Code 2020, 7th Edition.

FLORIDA BUILDING CODE ANALYSIS

Table showing Florida Building Code Analysis. Columns: OCCUPANCY CLASSIFICATIONS, TYPE OF CONSTRUCTION, BUILDING HEIGHT - TABULAR, BUILDING AREA - TABULAR, NUMBER OF STORIES - TABULAR. Includes a graphic scale and room name (101, 150 SF).

EGRESS DATA (NON-SPRINKLERED)

Table showing Egress Data (Non-Sprinklered). Columns: OCCUPANCY LOAD, SERVING EDUCATIONAL GROUP (E), MAX. TRAVEL DIST., MAX. DEAD END, MIN. CORRIDOR WIDTH, MIN. CLEAR OPNG. EXIT DOORS, MIN. STAIR WIDTH.

FIRE PROTECTION

Table showing Fire Protection requirements. Columns: STRUCTURAL FRAMING, EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, INTERIOR BEARING WALLS, INTERIOR NONBEARING WALLS, FLOOR/CEILING CONSTRUCTION, ROOF/CEILING CONSTRUCTION, VERTICAL OPENINGS (SHAFTS).



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PROJECT TITLE

TRINITY PASSAGEWAY

400 N SWINTON AVE, DELRAY BEACH, FL 33444

REVISIONS

Table with columns: NUM., DESCRIPTION, DATE

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DRAWING TITLE

GENERAL NOTES, PROJECT DATA

DATE 04/22/22 DRAWN BY CP

JOB NUMBER 201104

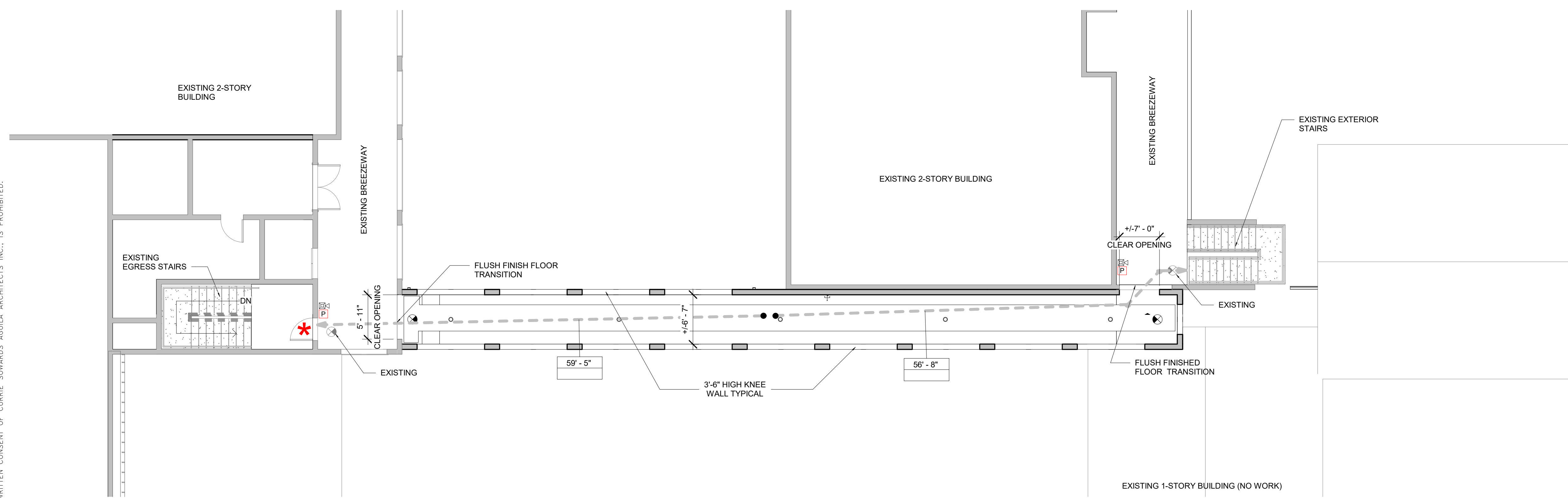
DR

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4/22/2022 BID/PERMIT SET

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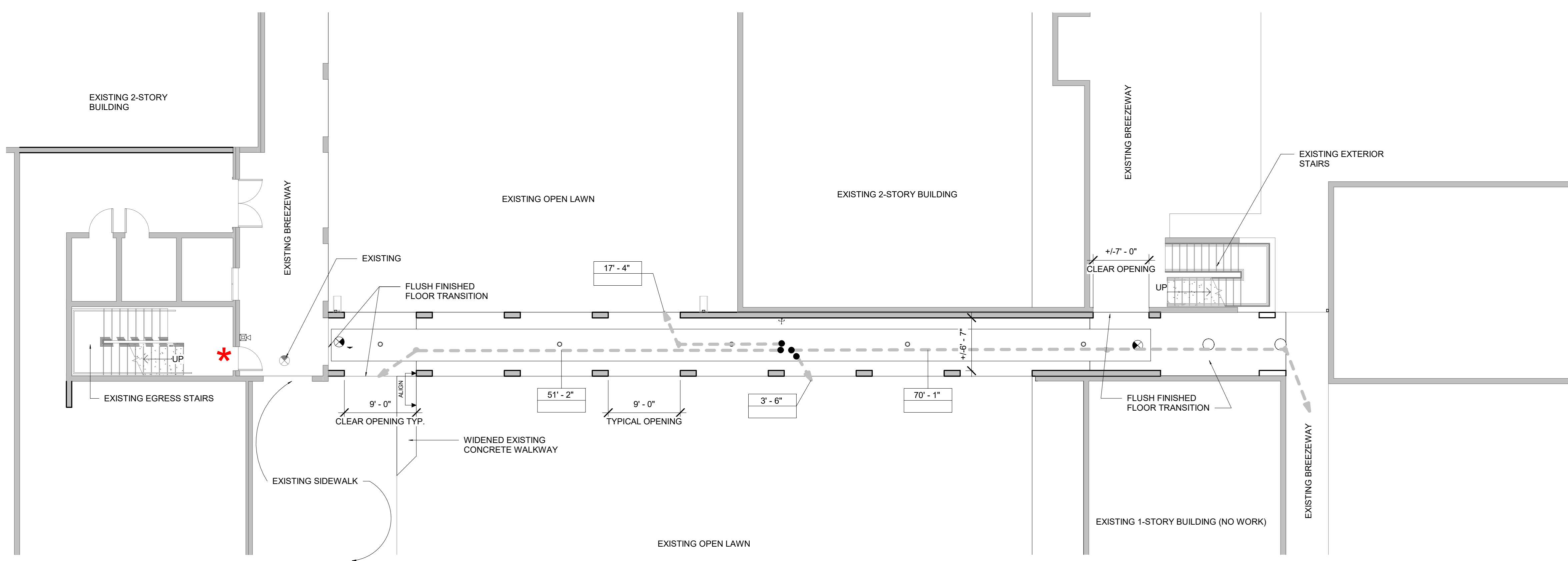
| LIFE SAFETY SYMBOLS LEGEND | | | |
|----------------------------|---|----------------|-----------------------------------|
| TYPE | DESCRIPTION | TYPE | DESCRIPTION |
| | EXIT SIGN (SEE ELECTRICAL PLANS) - NEW UNLESS NOTED | | PATH OF EGRESS |
| | SEMI-RECESSED FIRE EXTINGUISHER CABINET | | SMOKE DETECTORS |
| | FIRE EXTINGUISHER (WALL MOUNTED) | | EXISTING PULL STATION |
| | EXISTING DOOR EQUIPPED WITH PANIC HARDWARE | | FIRE ALARM STROBE |
| | DOOR EQUIPPED WITH FIRE EXIT HARDWARE | | EXISTING FIRE ALARM HORN / STROBE |
| | | | NO. OF PERSONS EXITING |
| | | | EGRESS CAPACITY OF EXIT |
| | | | DISTANCE OF TRAVEL |
| ROOM NAME | Name | SQUARE FOOTAGE | SQUARE FOOTAGE |
| ROOM NUMBER | 101 | 150 SF | OCCUPANCY TYPE |
| | Occupancy | | |

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2 Level 02 - Life Safety Plan
 A0.10 1/8" = 1'-0"



1 Level 01 - Life Safety Plan
 A0.10 1/8" = 1'-0"

PROJECT TITLE
TRINITY PASSAGEWAY

400 N SWINTON AVE,
 DELRAY BEACH, FL 33444

| NUM. | DESCRIPTION | DATE |
|------|-------------|------|
| | | |

REVISIONS

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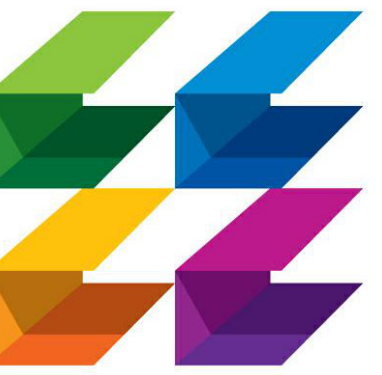
DRAWING TITLE
LIFE SAFETY PLANS

DATE 04/22/22 | DRAWN BY CP
 JOB NUMBER 201104

DR. [Signature]

A0.10

4/22/2022 BID/PERMIT SET



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ISSUED FOR :

- SPA
- BIDS
- PERMIT
- CONSTRUCTION
- SEAL

PROJECT TITLE

TRINITY PASSAGEWAY

400 N SWINTON AVE,
DELRAY BEACH, FL 33444

REVISIONS

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4/22/2022 BID/PERMIT SET

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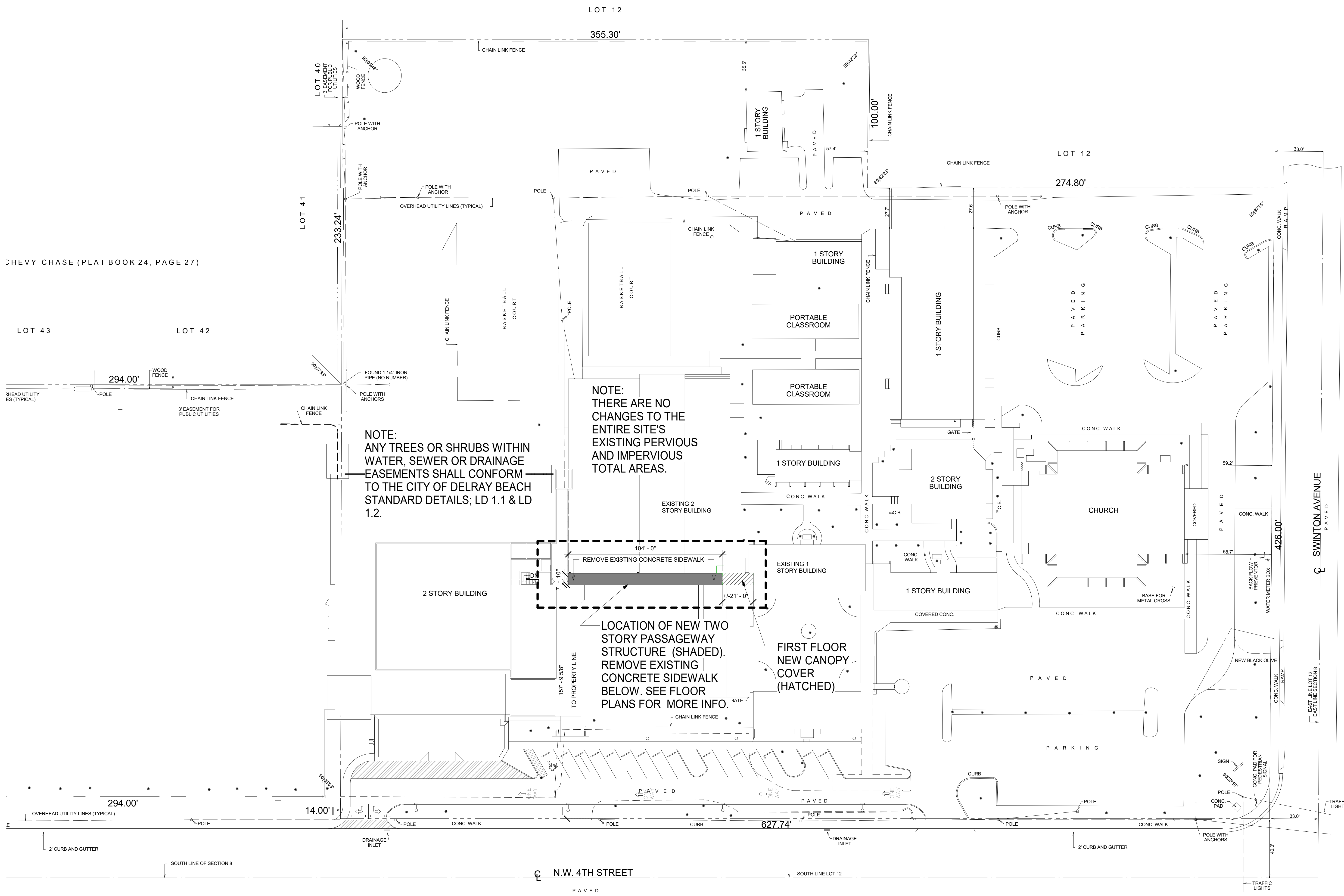
SITE / LOCATION PLAN

DATE 04/22/22 DRAWN BY CP

JOB NUMBER 201104

DATE 4/22/2022

A1.01



1 Site Plan - Overall
A1.01 1" = 30'-0"

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PROJECT TITLE
**TRINITY
PASSAGEWAY**

400 N SWINTON AVE,
DELRAY BEACH, FL 33444

| NUM. | DESCRIPTION | DATE |
|------|-------------|------|
| | | |

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DRAWING TITLE
**DEMO PLAN &
NEW CONCRETE
WALKWAY PLAN**
DATE: 04/22/22 | DRAWN BY: CP
JOB NUMBER: 201104

A1.02

GENERAL DEMOLITION NOTES

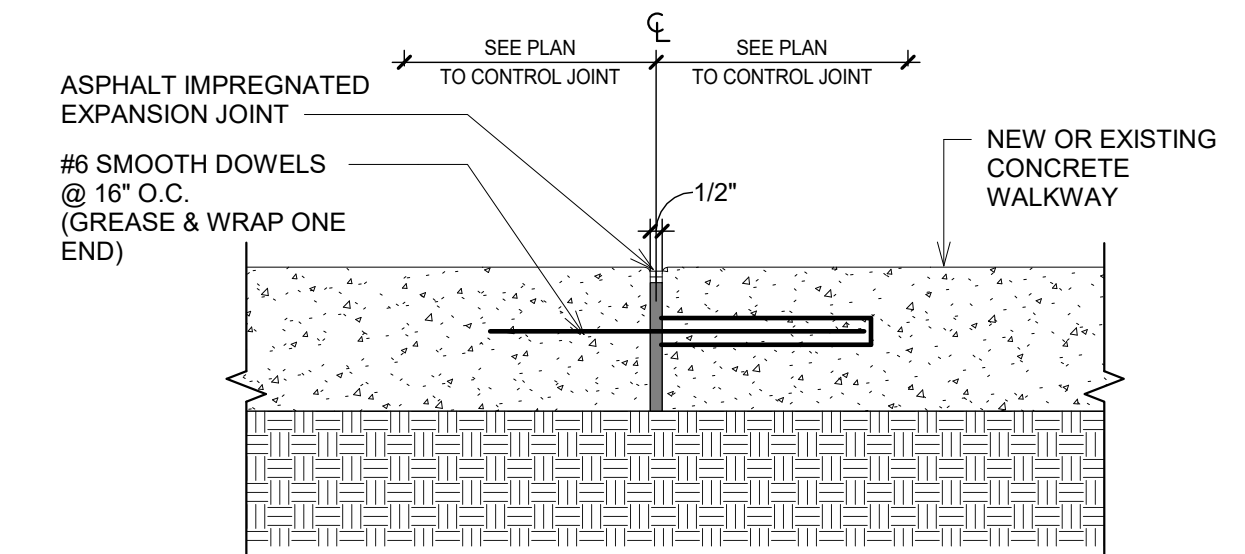
- A GENERAL AREA OF DEMOLITION HAS BEEN INDICATED WITHIN THIS SHEET. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE ENTIRE SIDEWALK AS SHOWN PLUS MULTIPLE ELECTRICAL & PLUMBING ITEMS. VERIFY AREAS OF WORK WITH OWNER PRIOR TO START OF DEMOLITION.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL DEBRIS AS REQUIRED TO PROVIDE A CLEAN LEVEL AREA FOR NEW BUILDING CONSTRUCTION WORK.
- OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF ITEMS OR STRUCTURES TO BE DEMOLISHED.
- PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION TO PROTECT THE PUBLIC AND ADJACENT STRUCTURES & INFRASTRUCTURE DURING DEMOLITION AND NEW CONSTRUCTION.
- WHERE REQUIRED, PROVIDE SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF ANY ADJACENT STRUCTURES OR ELEMENTS TO REMAIN. PROMPTLY REPAIR DAMAGES CAUSED BY DEMOLITION WORK.
- DO NOT USE CUTTING TORCHES FOR REMOVAL UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. MAINTAIN PORTABLE FIRE SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.
- VERIFY WITH OWNER ON ANY POSSIBLE DESIRED 'SALVAGE' ELEMENTS PRIOR TO WORK COMMENCEMENT. CAREFULLY REMOVE INDICATED ITEMS, CLEAN, STORE, AND TURN OVER TO OWNER.
- REMOVE FROM BUILDING SITE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OFF SITE. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, COMPLY WITH APPLICABLE REGULATIONS, LAWS AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION. BURNING OF REMOVED MATERIALS IS NOT PERMITTED ON PROJECT SITE.
- UPON COMPLETION OF DEMOLITION WORK, REMOVE TOOLS, EQUIPMENT AND DEMOLISHED MATERIALS FROM SITE. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED. REPAIR ADJACENT CONSTRUCTION OR SURFACES SOILED OR DAMAGED BY SELECTIVE DEMOLITION WORK.
- NO ATTEMPT IS MADE ON THESE DRAWINGS TO SHOW EVERY ITEM TO BE REMOVED. CONTRACTOR SHALL VISIT SITE TO DETERMINE WHETHER OR NOT SMALLER ITEMS NOT SHOWN ARE TO BE REMOVED. CONTRACTOR IS HEREBY NOTIFIED TO STUDY THE FULL SET OF CONSTRUCTION DOCUMENTS TO DETERMINE THE FINISH DESIGN INTENT. ANY QUESTIONS SHALL BE DIRECTED TO THE OWNERS REPRESENTATIVE CONCERNING ALL ITEMS TO BE REMOVED OR TO REMAIN.
- ALL DEMOLITION SHALL BE COMPLETED AND COORDINATED WITH THE OVERALL CONSTRUCTION OF THIS PROJECT THRU COMPLETION. THE GENERAL CONTRACTOR SHALL COORDINATE THIS ACTIVITY TO ALLOW FOR SEQUENCING IN ACCORDANCE WITH ALL APPLICABLE CODES, LIFE SAFETY.
- THERE ARE EXISTING SYSTEMS INCLUDING BUT NOT LIMITED TO, ELECTRICAL & UNDERGROUND INFRASTRUCTURE, THAT WILL NEED TO BE ALTERED AND OR REMOVED TO ALLOW FOR THE NEW CONSTRUCTION. THE GENERAL CONTRACTOR SHALL COORDINATE THE ALTERATIONS IN ITS ENTIRETY AS A PART OF THE SCOPE OF WORK.

NEW CONCRETE WALKWAY

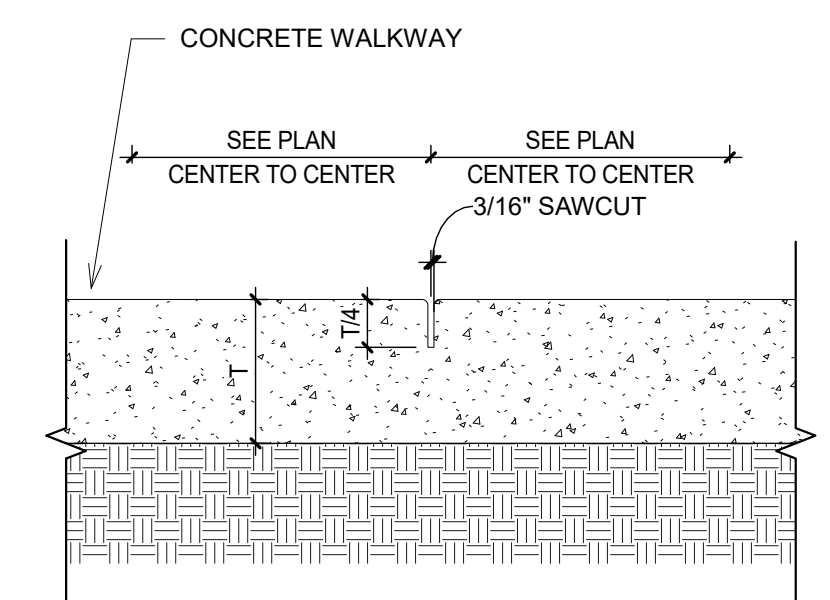
- NOTE:**
- THIS PLAN REPRESENTS SUGGESTED CONCRETE WALKWAY CONTROL JOINT LOCATIONS ONLY. SEE STRUCTURAL PLANS & DETAILS FOR MORE CONCRETE SLAB INFORMATION TYPICAL.
 - APPLY CURING/ SEALING COMPOUND ONCE CONCRETE HAS SET. COMPLY WITH MANUFACTURER'S REQUIREMENTS.
 - PROVIDE LIGHT BROOM FINISH. MATCH EXISTING ADJACENT SIDEWALKS FINISH.

PLAN SYMBOLS LEGEND

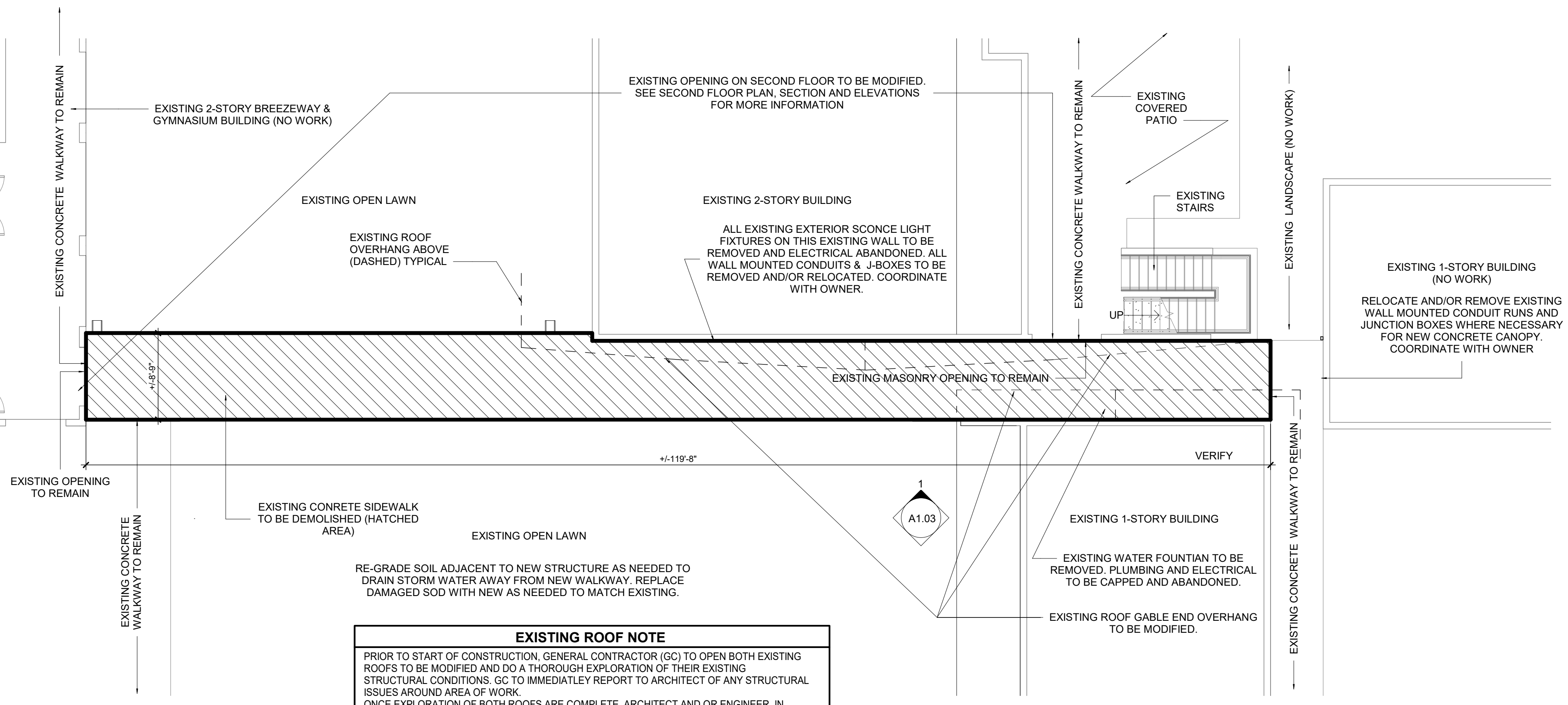
| TYPE | DESCRIPTION | SYMBOL | SYMBOL |
|----------------|-------------------|--------|-------------------|
| [Hatched Area] | NEW CONC. WALKWAY | [EJ] | EXPANSION JOINTS. |
| [Dashed Line] | EXPANSION JOINTS. | [CJ] | CONTROL JOINTS. |
| [Solid Line] | CONTROL JOINTS | | |



3 EXPANSION JOINT
A1.02 1 1/2" = 1'-0"

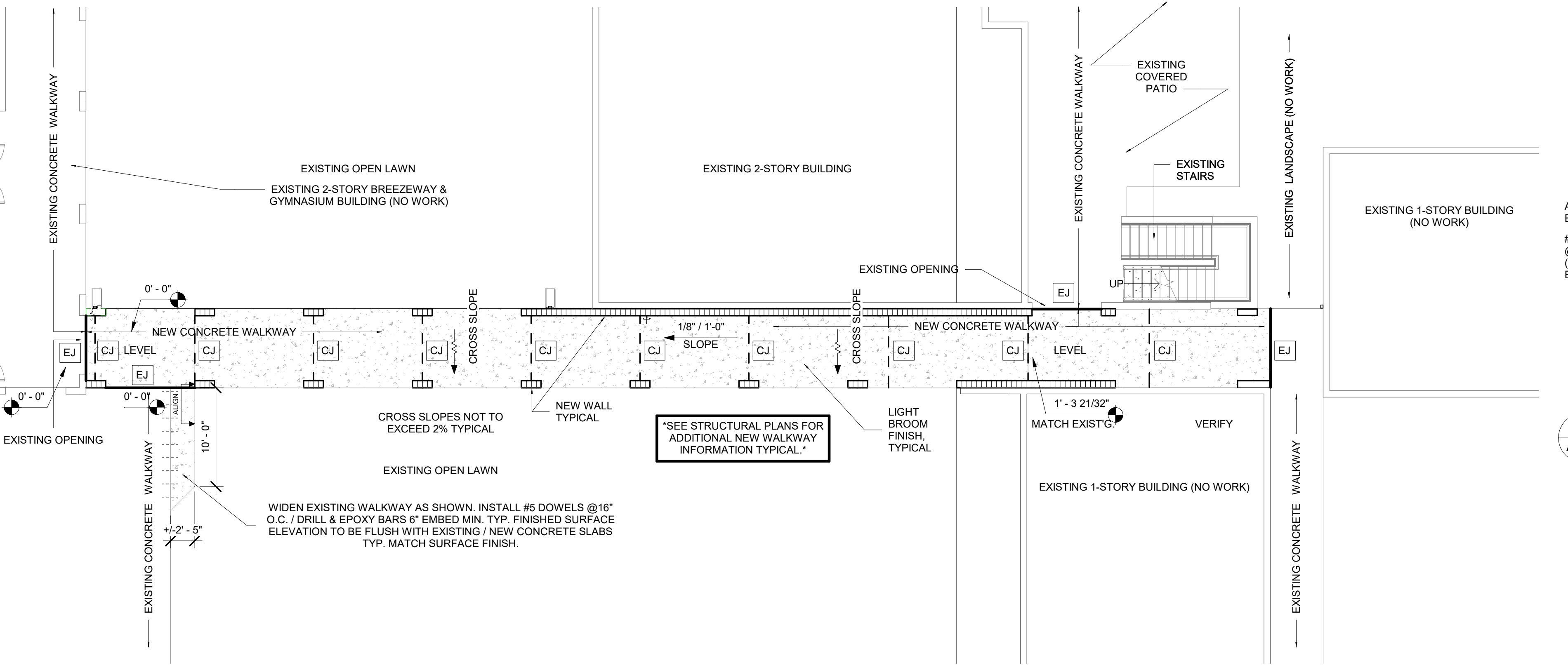


4 CONCRETE CONTROL JOINT
A1.02 1 1/2" = 1'-0"



1 DEMOLITION PLAN
A1.02 1/8" = 1'-0"

EXISTING ROOF NOTE
PRIOR TO START OF CONSTRUCTION, GENERAL CONTRACTOR (GC) TO OPEN BOTH EXISTING ROOFS TO BE MODIFIED AND DO A THOROUGH EXPLORATION OF THEIR EXISTING STRUCTURAL CONDITIONS. GC TO IMMEDIATELY REPORT TO ARCHITECT OF ANY STRUCTURAL ISSUES AROUND AREA OF WORK. ONCE EXPLORATION OF BOTH ROOFS ARE COMPLETE, ARCHITECT AND OR ENGINEER, IN COOPERATION WITH THE GC, WILL PROVIDE ANY REQUIRED STRUCTURAL DETAILS TO ACCOMPLISH THE ULTIMATE GOAL OF CREATING A STRUCTURALLY SOUND AND COMPLETELY WATERTIGHT CONNECTIONS BETWEEN THE NEW STRUCTURE AND EXISTING ROOFS.



2 NEW CONCRETE WALKWAY PLAN
A1.02 1/8" = 1'-0"

"SEE STRUCTURAL PLANS FOR ADDITIONAL NEW WALKWAY INFORMATION TYPICAL."

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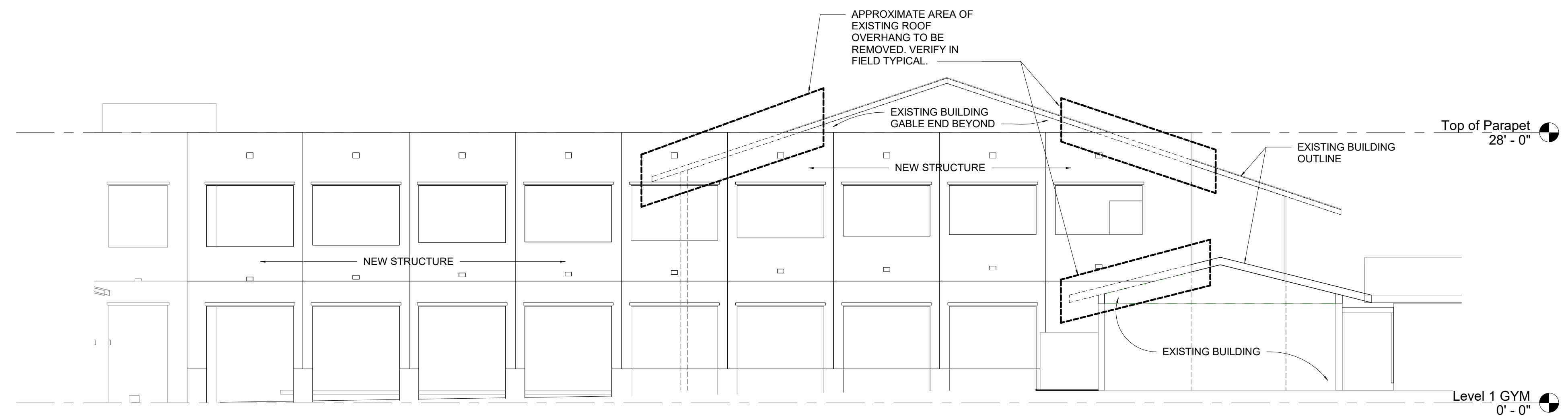
**EXISTING ROOF
OVERHANG
DEMOLITION**

DATE 04/22/22 DRAWN BY CP

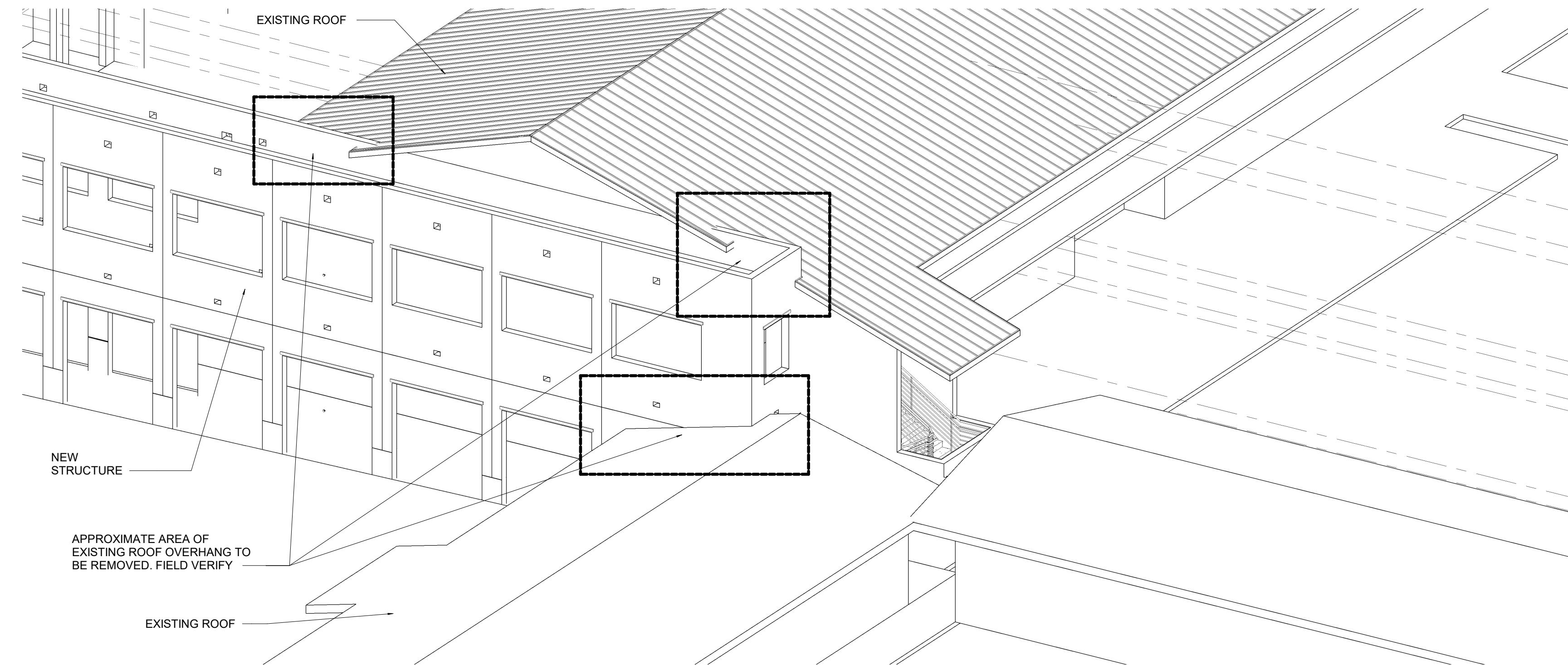
JOB NUMBER 201104

DR

A1.03



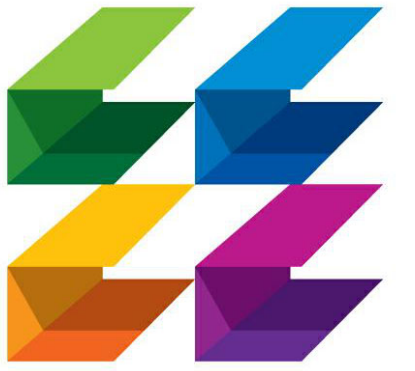
1 **EXIST'G OVERHANG DEMOLITION AREAS**
A1.03 1/8" = 1'-0"



2 **EXISTING & NEW ROOF AXONOMETRIC**
A1.03 N.T.S.

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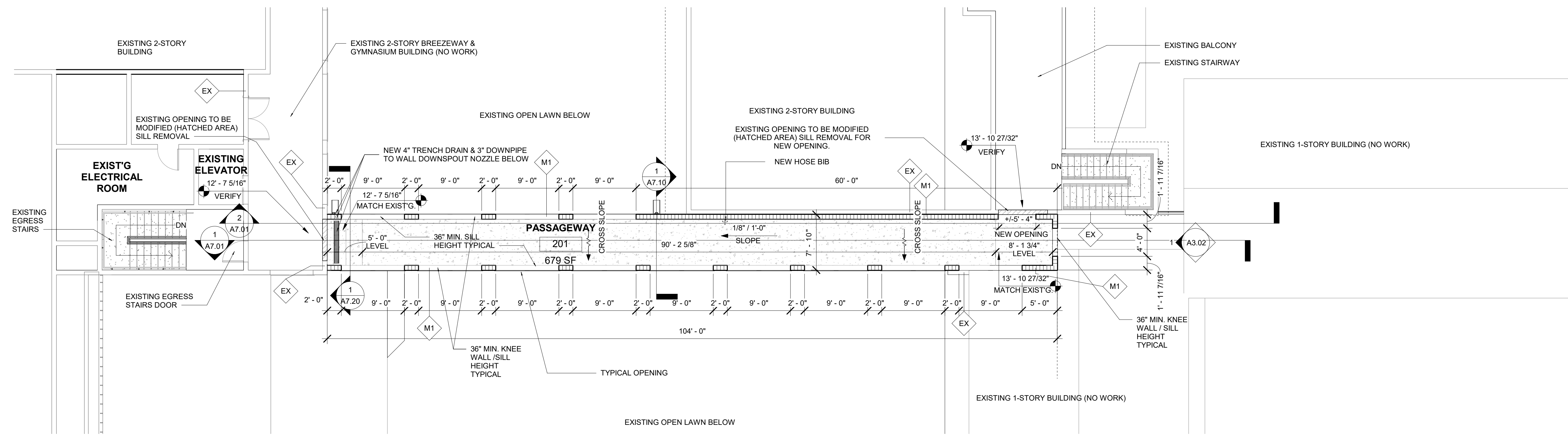
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OVERALL FIRST & SECOND FLOOR PLAN
 DATE: 04/22/22 | DRAWN BY: CP
 JOB NUMBER: 201104
 DR: [Signature]

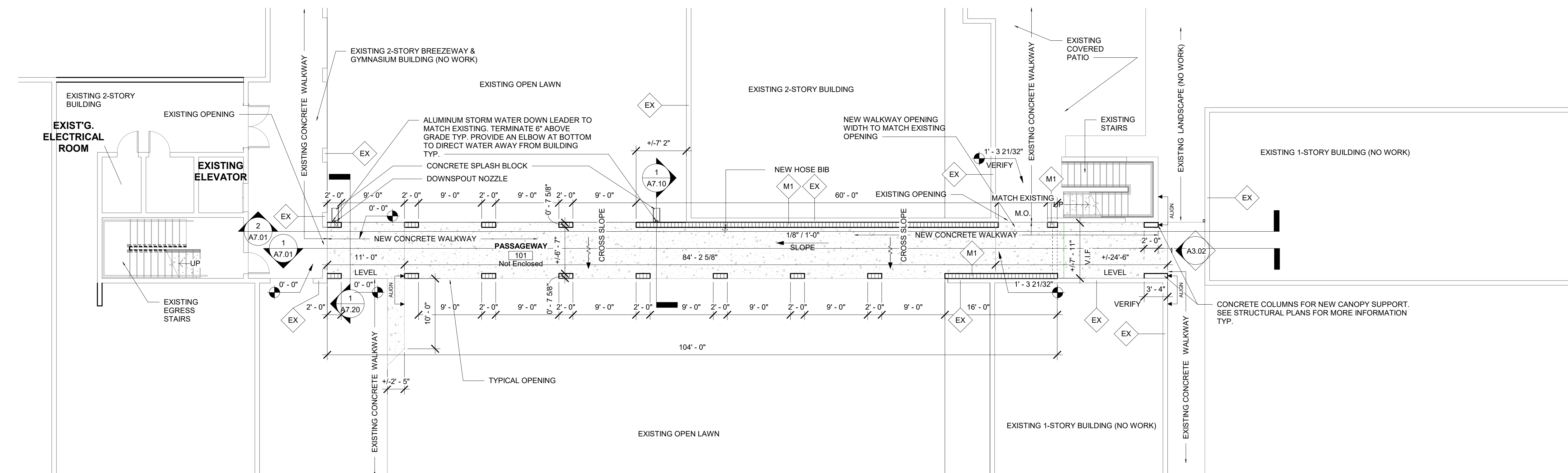
A2.01

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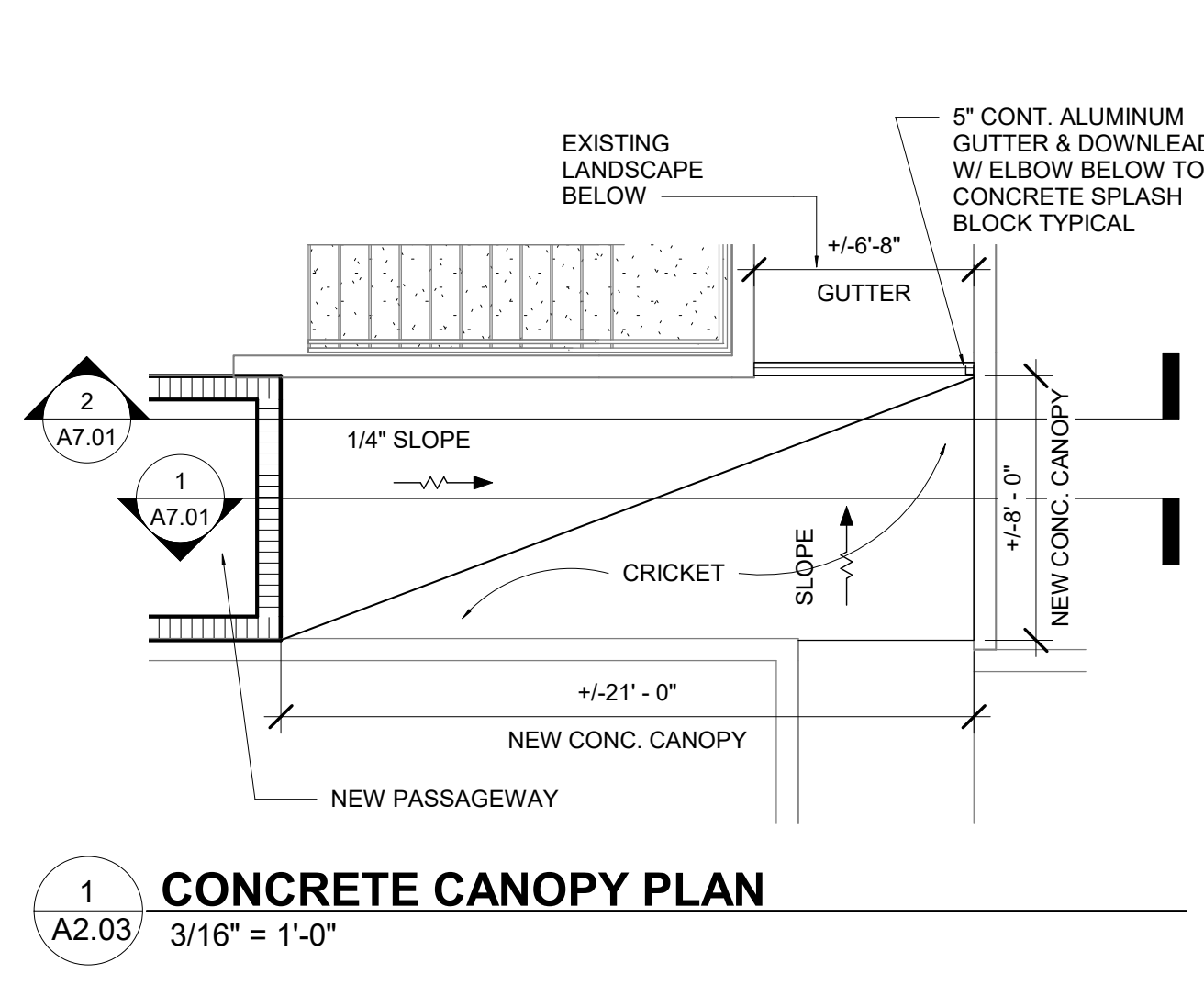
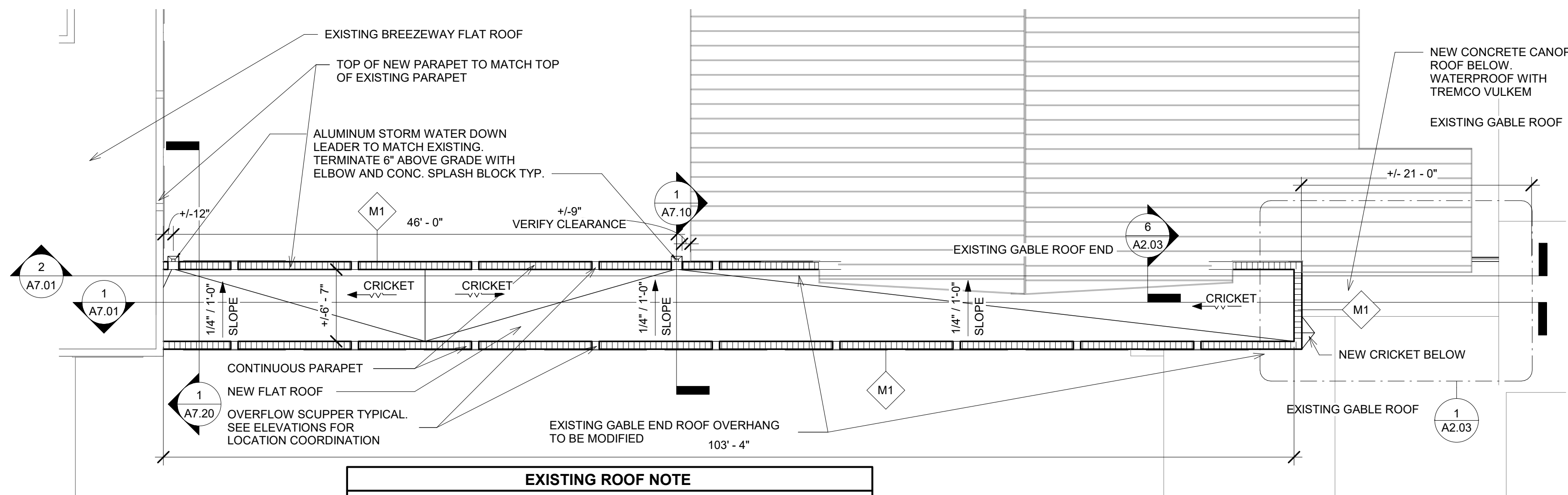
2 Level 02 - Overall Plan
 A2.01 1/8" = 1'-0"

EXISTING ROOF NOTE
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1 Level 01 - Overall Plan
 A2.01 1/8" = 1'-0"

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ROOF PLAN NOTES

FLAT ROOF BASIS OF DESIGN:
SIKA SARNAFIL MEMBRANE OVER CONCRETE SLAB

ASSEMBLY:
ROOF MEMBRANE- 60MIL SARNAFIL 6410 FELTBACK MEMBRANE INSTALLED WITH SARNACOL 2121 (WATER-BASED) ADHESIVE.

NOA NO. - 20-0825-07- ASSEMBLY F(4) ON PAGE 97
INSTALL PER APPROVED PRODUCT APPROVAL AND MANUFACTURER'S WRITTEN INSTRUCTIONS

SEE ROOF PLAN FOR SLOPING REQUIREMENTS

INSTALL CRICKETS PER ROOF MANUFACTURER'S REQUIREMENTS

CONCRETE CANOPY TO BE WATERPROOFED WITH TREMCO VULKEM 350NF/351 COLOR: WHITE. INSTALL AS PER MANUFACTURER'S WRITTEN INSTRUCTIONS

STORM DRAINAGE CALCULATIONS (MAIN ROOF)

FORMULA: GPM (GALLONS PER MINUTE) = .0104 (CONVERSION FACTOR GPM/INCH PER INCH /HR RAINFALL) X T (RAINFALL INTENSITY) X A' (ROOF AREA)

GPM = .0104 X 4.5 (T) X 679 (A')

GPM = 32 TOTAL

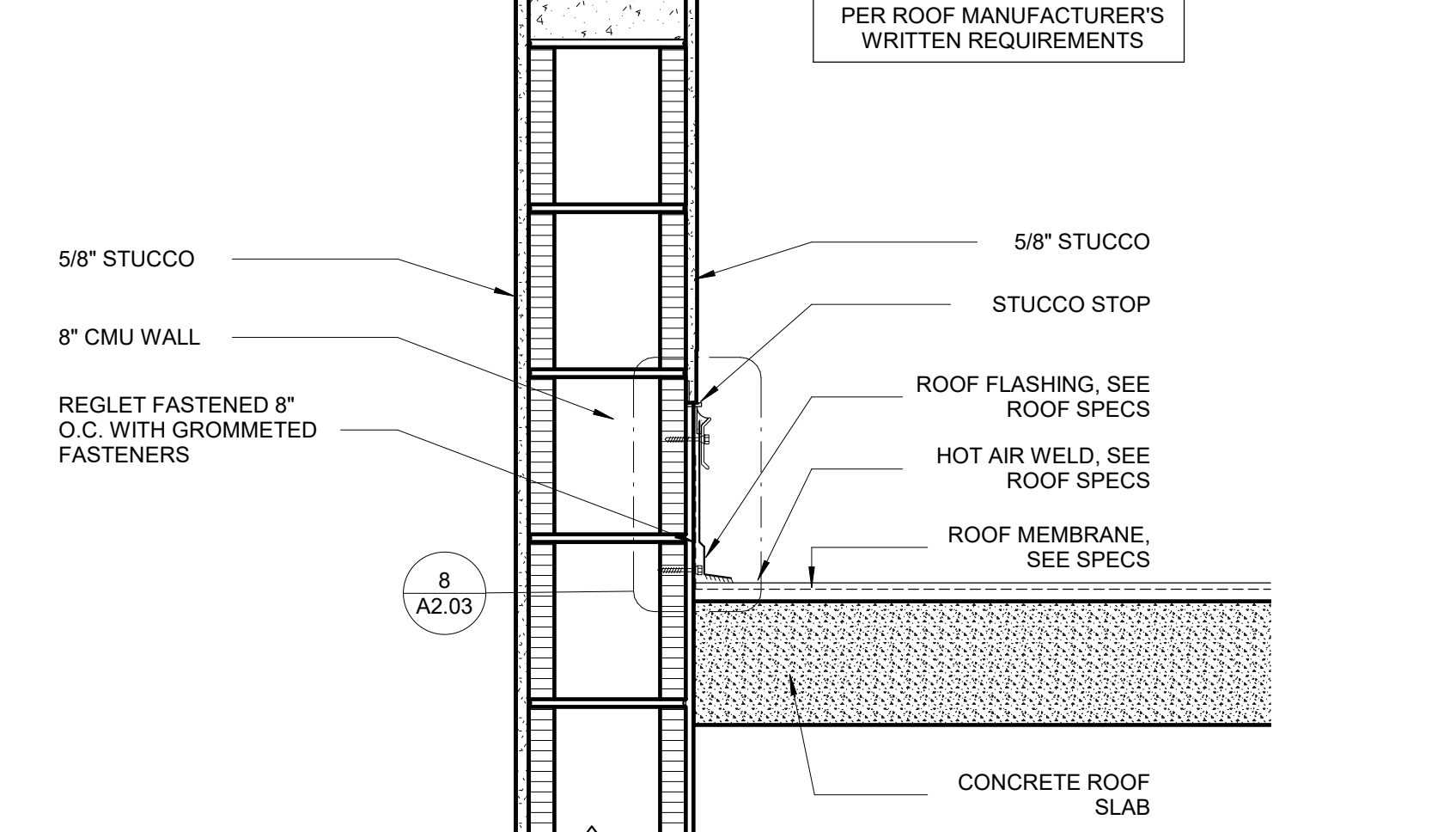
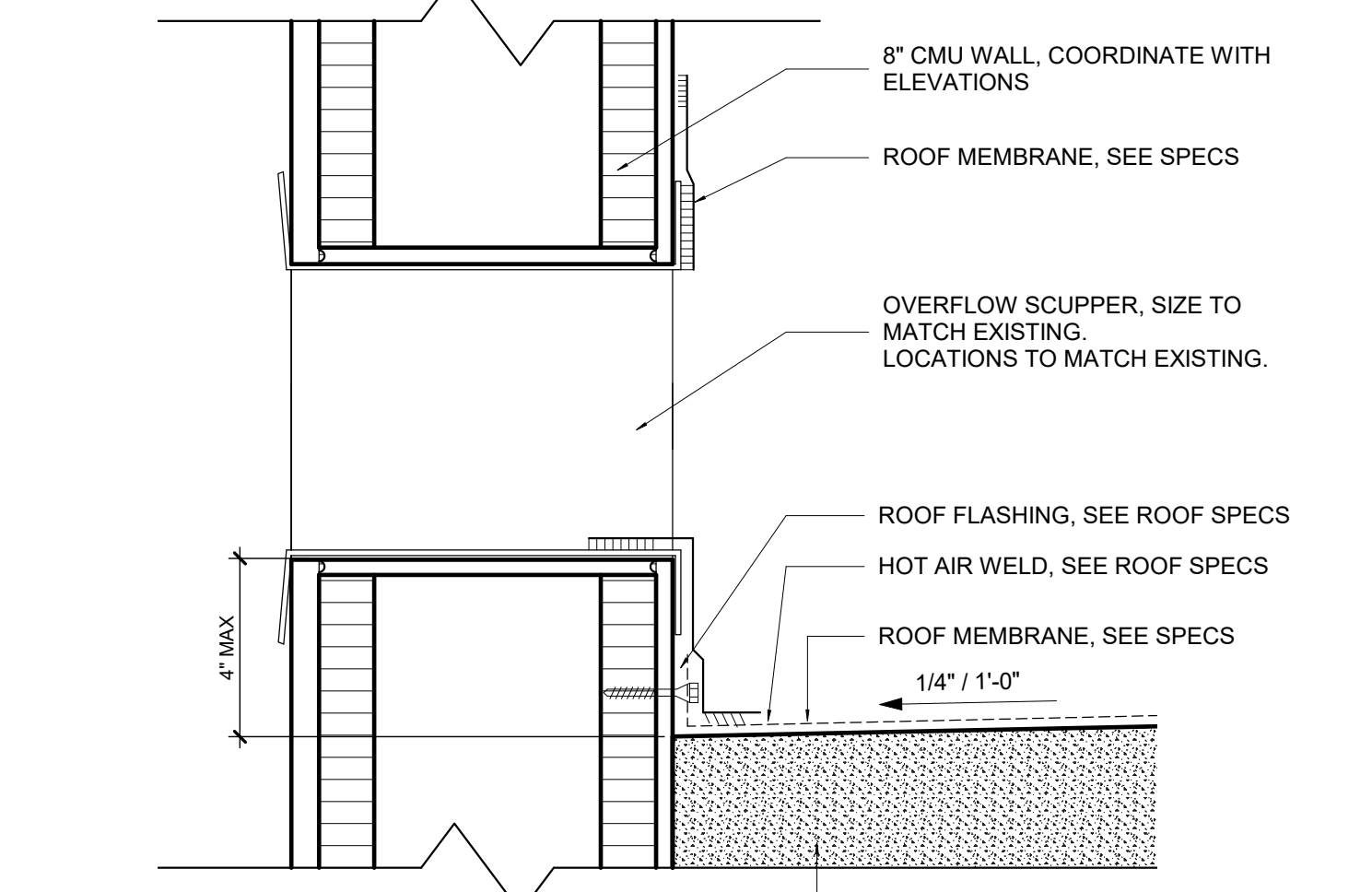
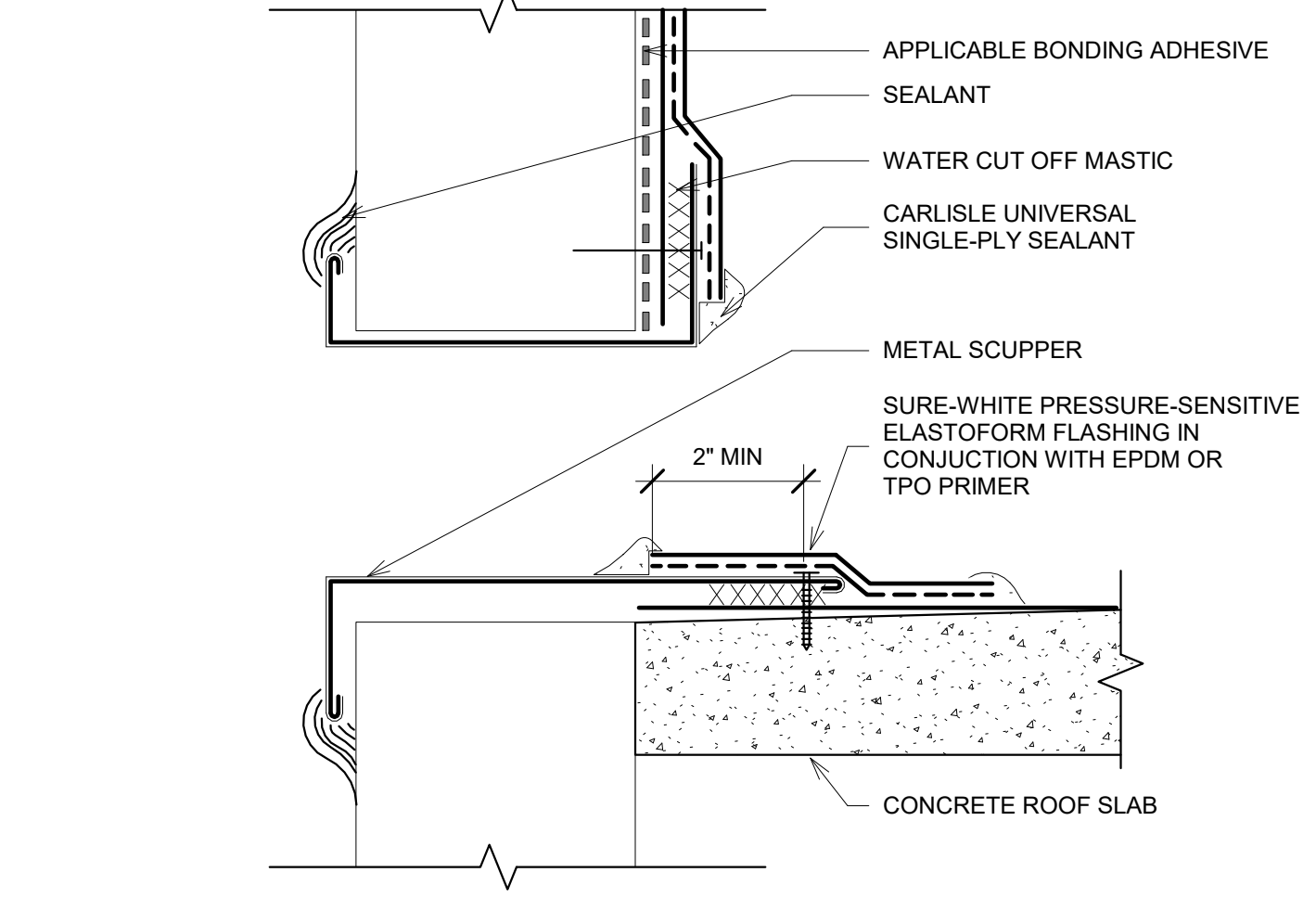
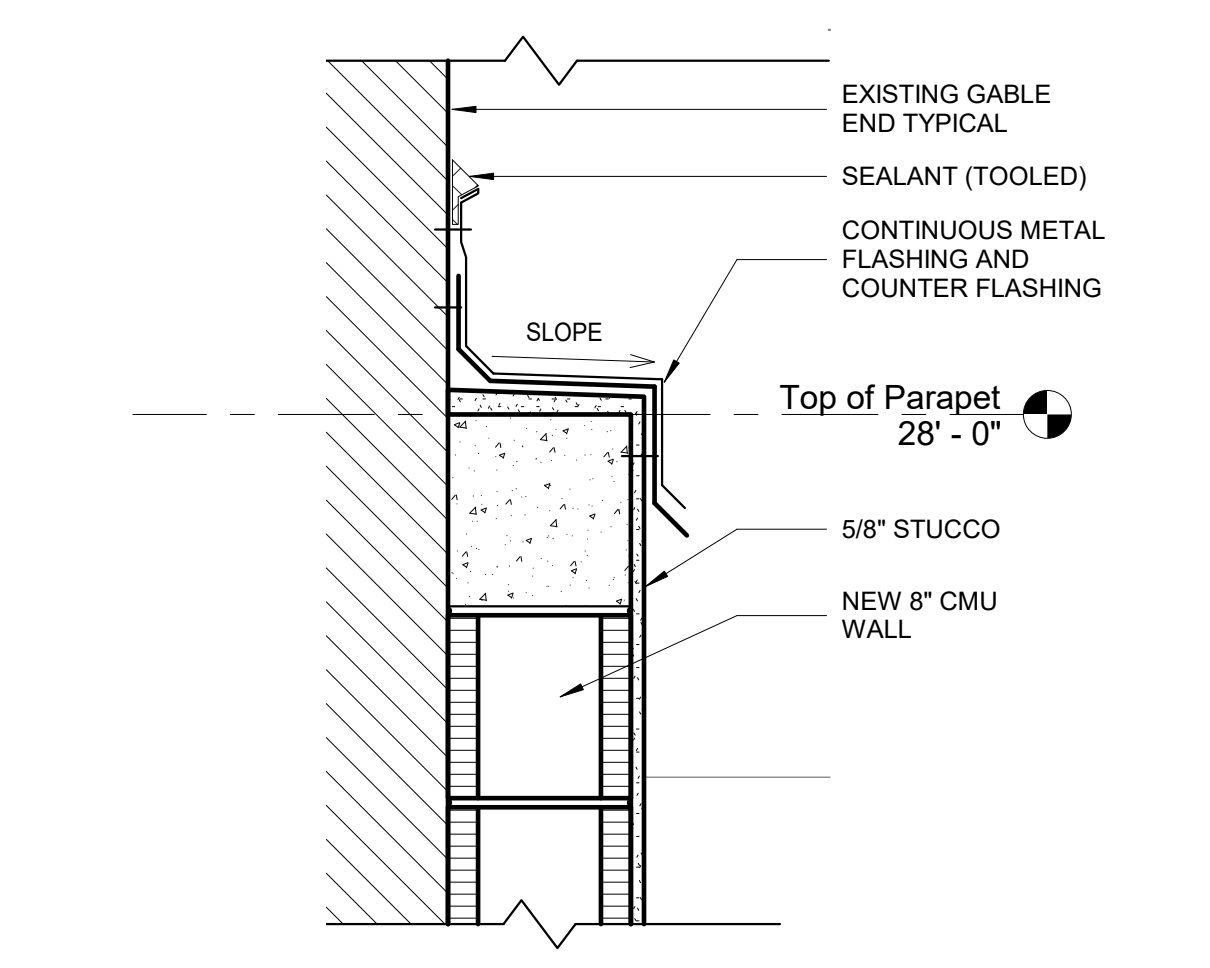
| FBC PLUMBING, SEVENTH EDITION 2020 | MIN. SIZE REQUIRED | PROPOSED |
|-------------------------------------|---------------------|----------------------|
| VERTICAL LEADER SIZE (TABLE 1106.3) | 2.5" X 2.5" (QTY=1) | 4" X 4" MIN. (QTY=2) |

EXISTING ROOF NOTE

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2 Roof Plan - Overall
A2.03 1/8" = 1'-0"

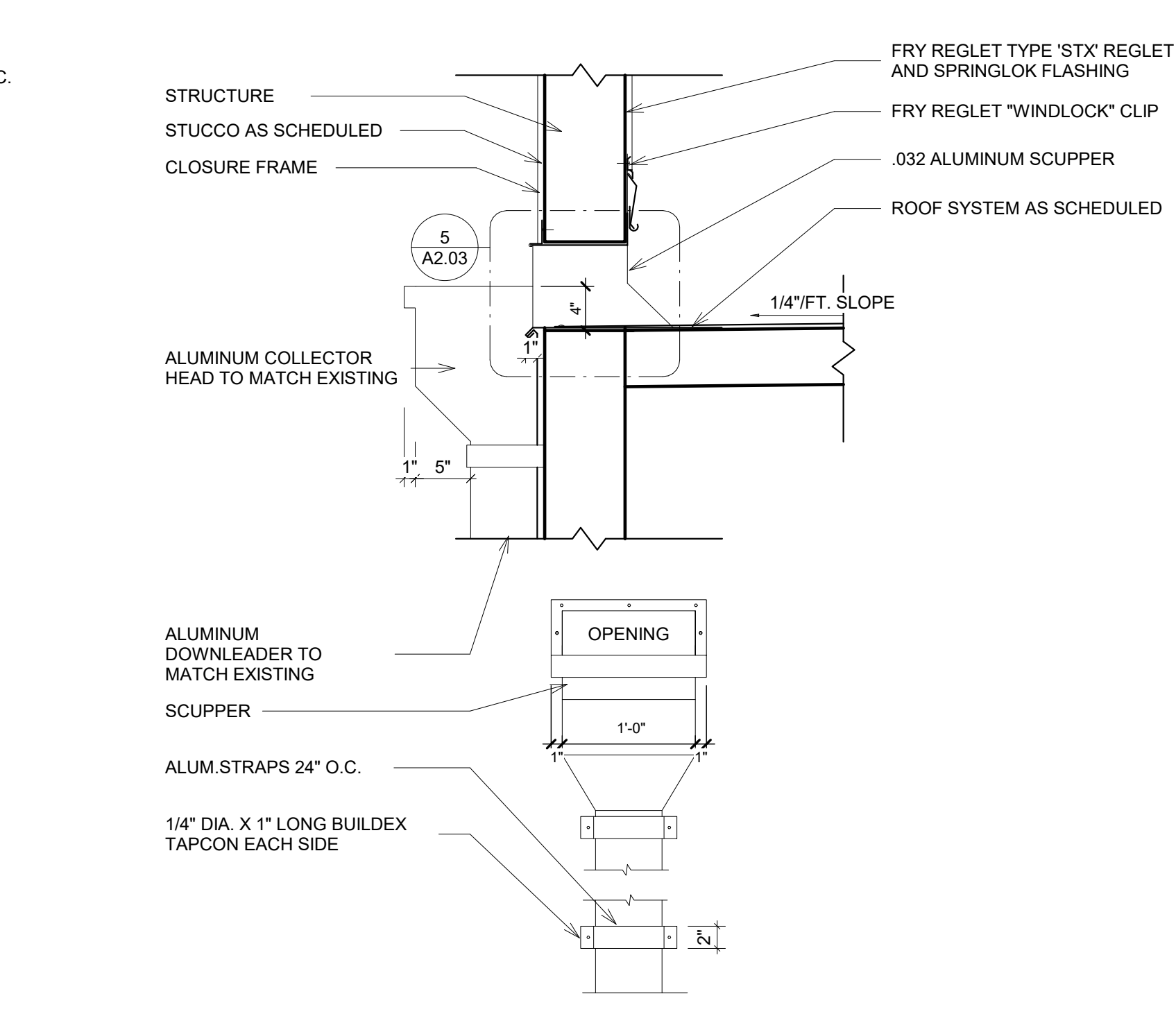
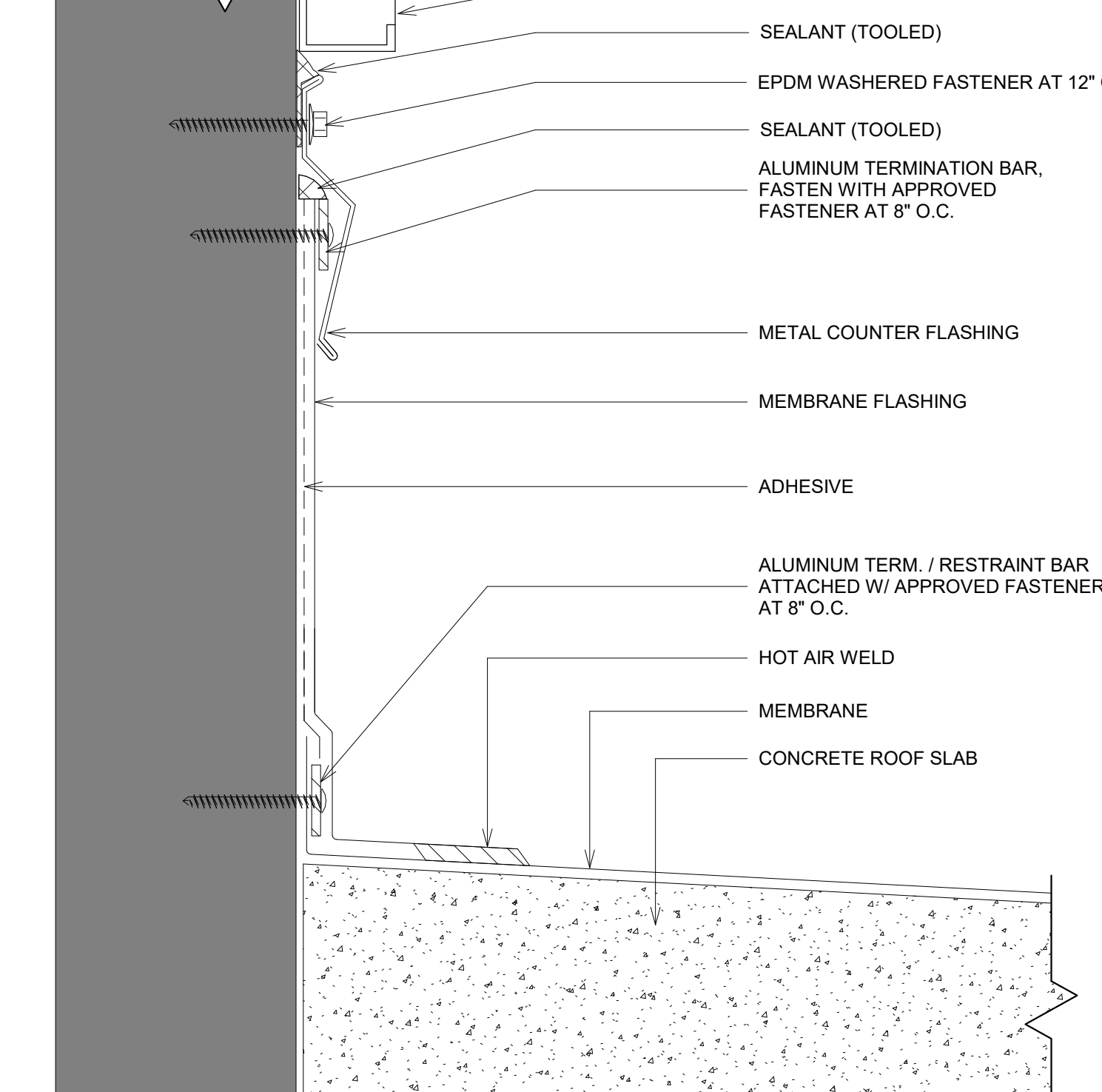
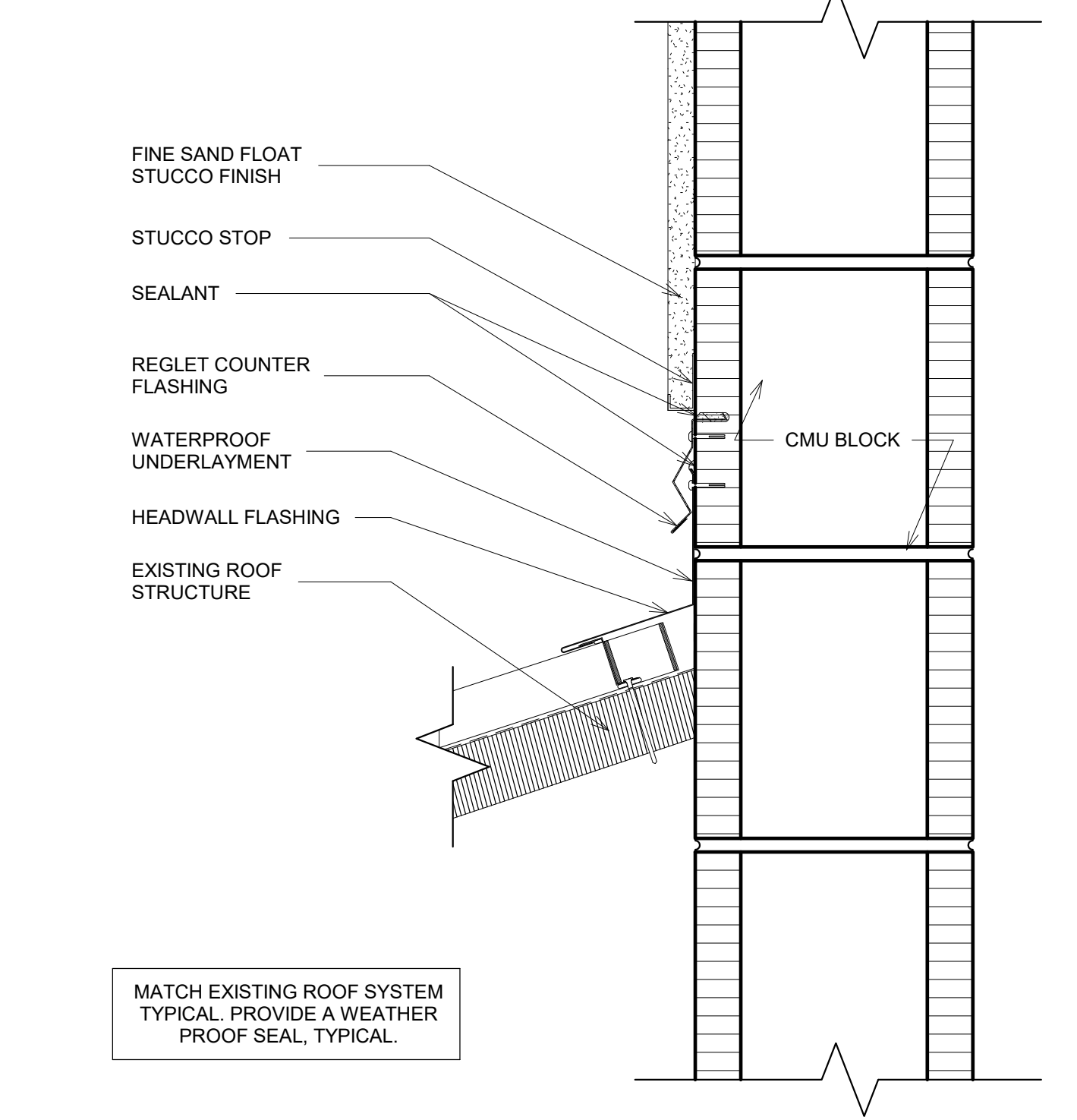
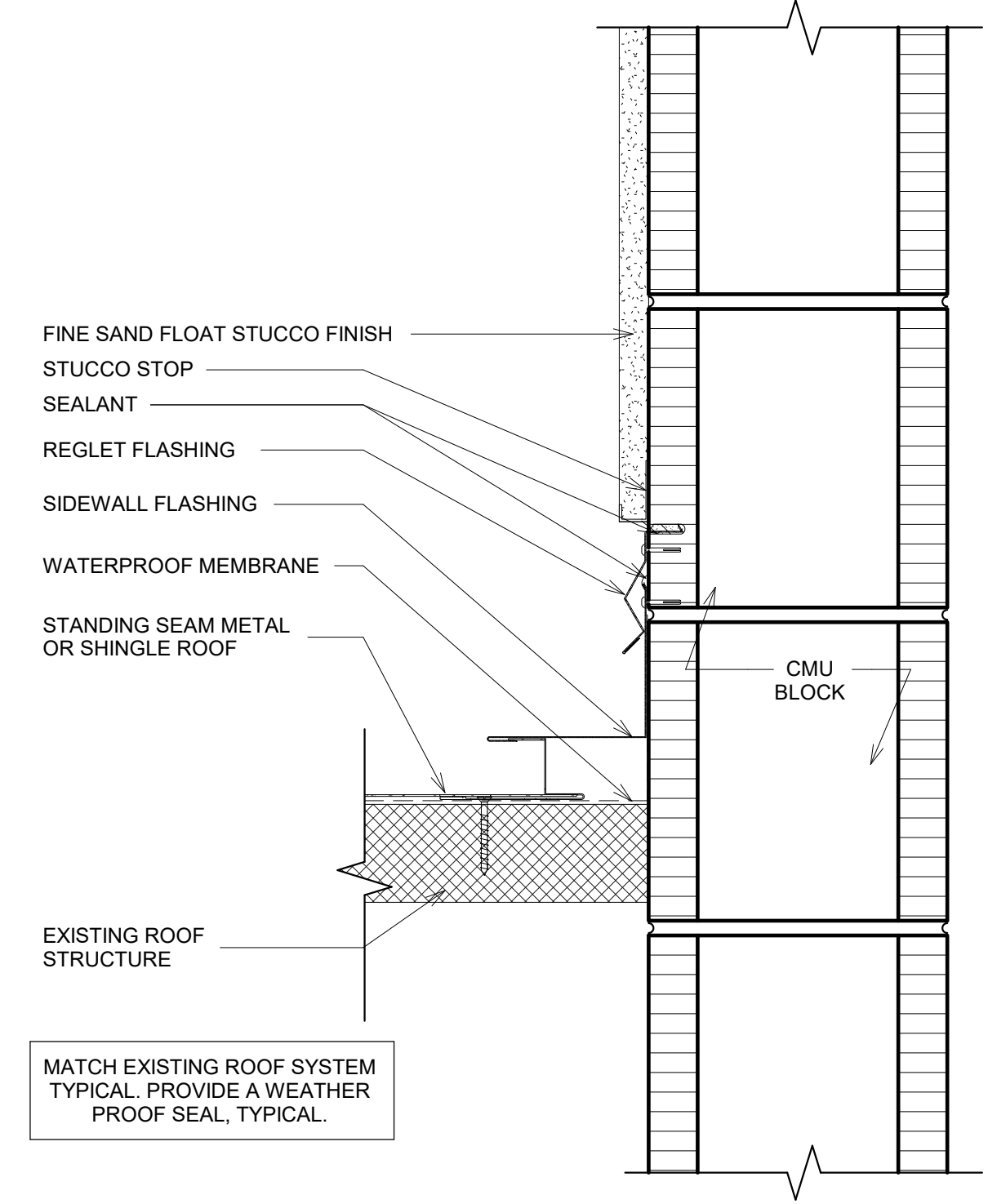


6 TYPICAL GABLE END DETAIL
A2.03 1 1/2" = 1'-0"

5 TYPICAL SCUPPER FLASHING
A2.03 N.T.S.

4 TYPICAL OVERFLOW SCUPPER
A2.03 3" = 1'-0"

3 TYPICAL PARAPET DETAIL
A2.03 1 1/2" = 1'-0"

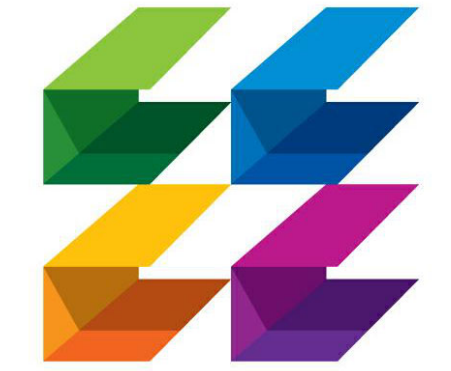


10 TYPICAL SIDEWALL FLASHING
A2.03 3" = 1'-0"

9 TYPICAL APRON FLASHING DETAIL
A2.03 3" = 1'-0"

8 TYPICAL WALL FLASHING
A2.03 N.T.S.

7 TYPICAL SCUPPER GUTTER DETAIL
A2.03 1" = 1'-0"



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ROOF PLAN & DETAILS

DATE
04/22/22

DRAWN BY
CP

JOB NUMBER
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DR. [Signature]

A2.03

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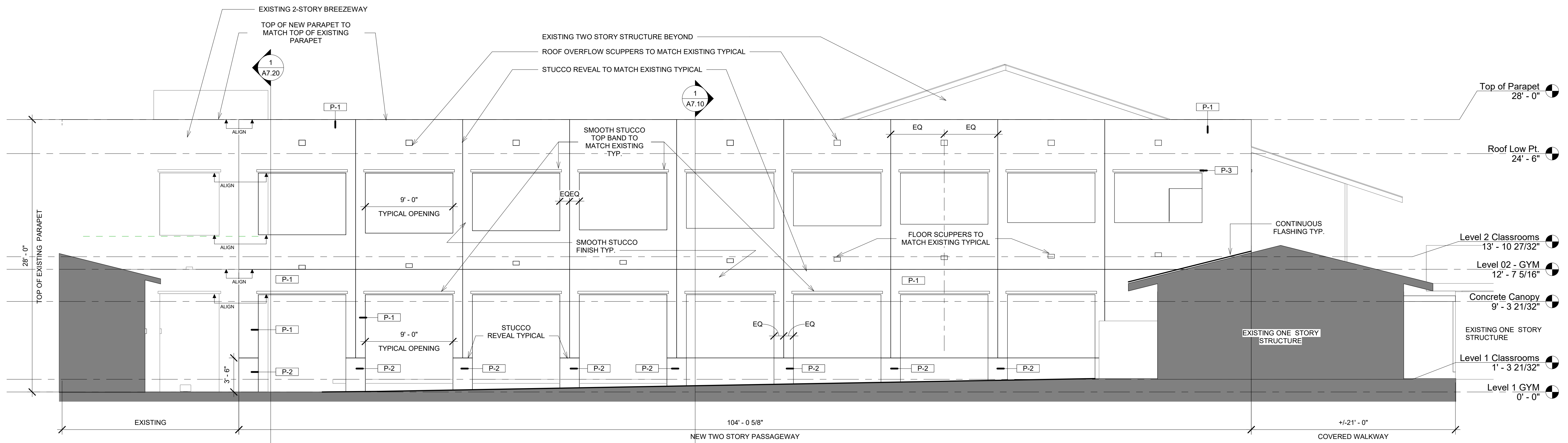
**BUILDING
ELEVATIONS**

DATE 04/22/22 | DRAWN BY CP

JOB NUMBER 201104

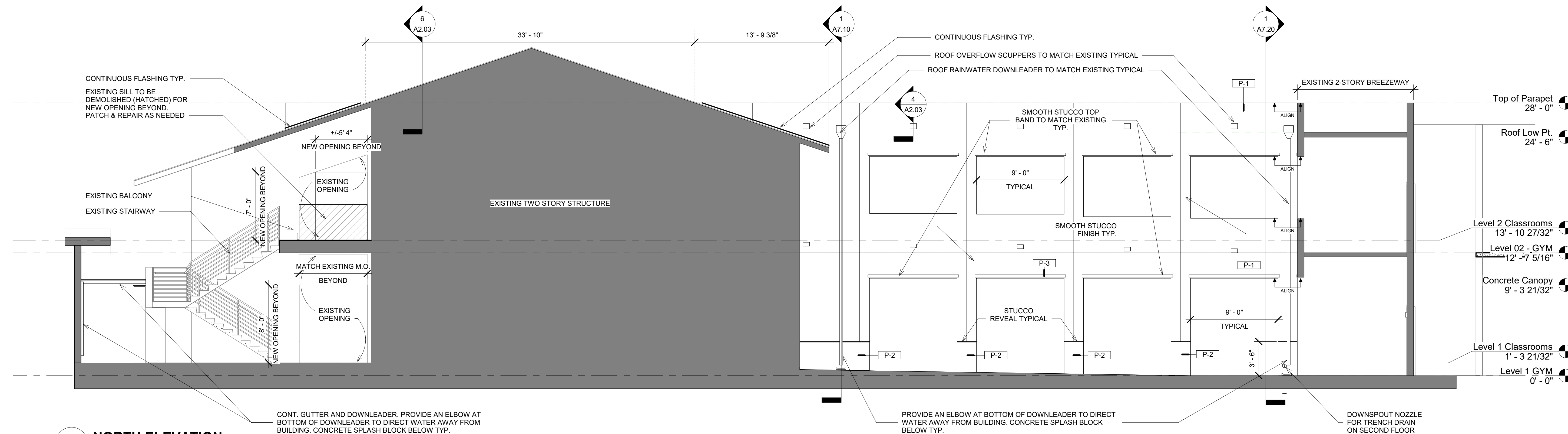
DR

A3.01



1 SOUTH ELEVATION
A3.01 3/16" = 1'-0"

| FINISH SPECIFICATIONS - EXTERIOR | |
|----------------------------------|---|
| P-1 | SMOOTH STUCCO, BEHR PAINT 'ANTIQUE WHITE' |
| P-2 | SMOOTH STUCCO, BEHR PAINT 'ELEPHANT GREY' |
| P-3 | SMOOTH STUCCO, BEHR PAINT 'CAMEO WHITE' |

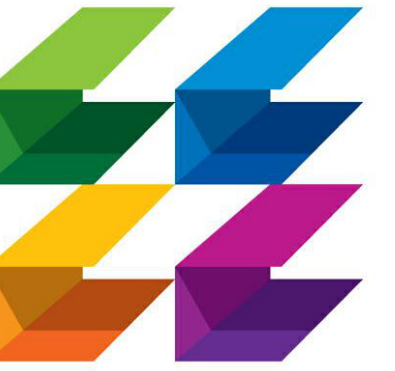


2 NORTH ELEVATION
A3.01 3/16" = 1'-0"

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**BUILDING
ELEVATIONS &
DETAILS**

DATE 04/22/22 DRAWN BY CP

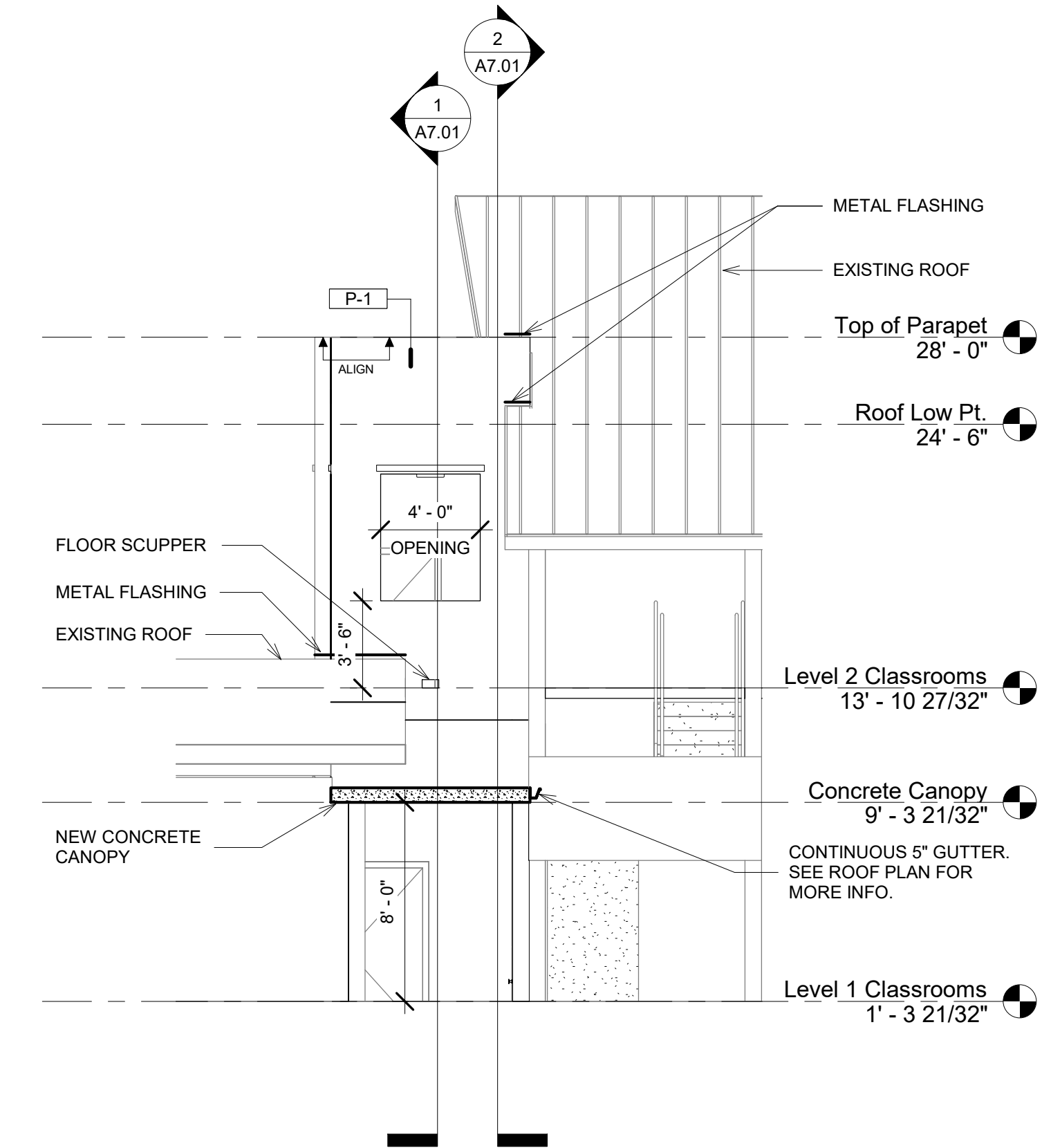
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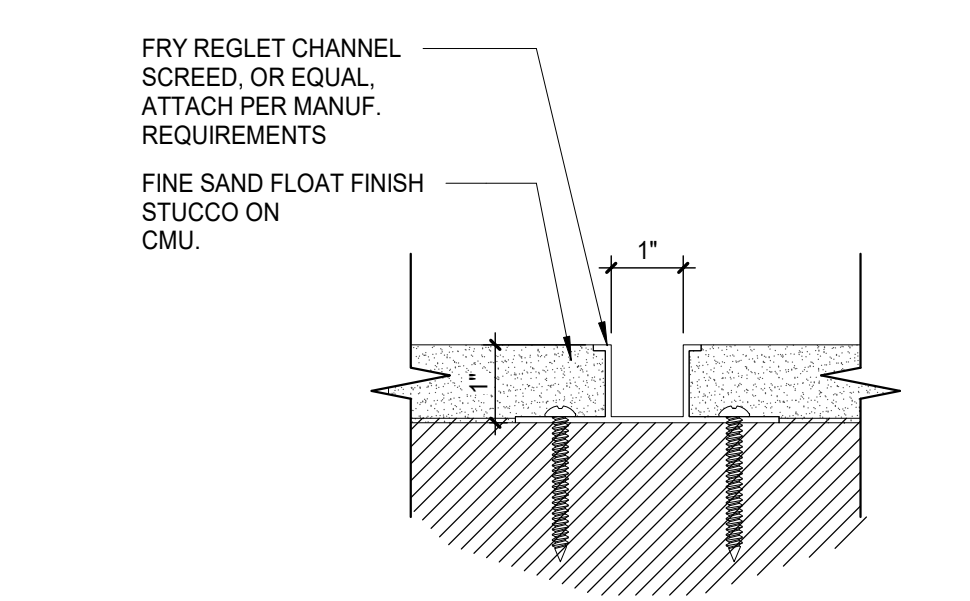
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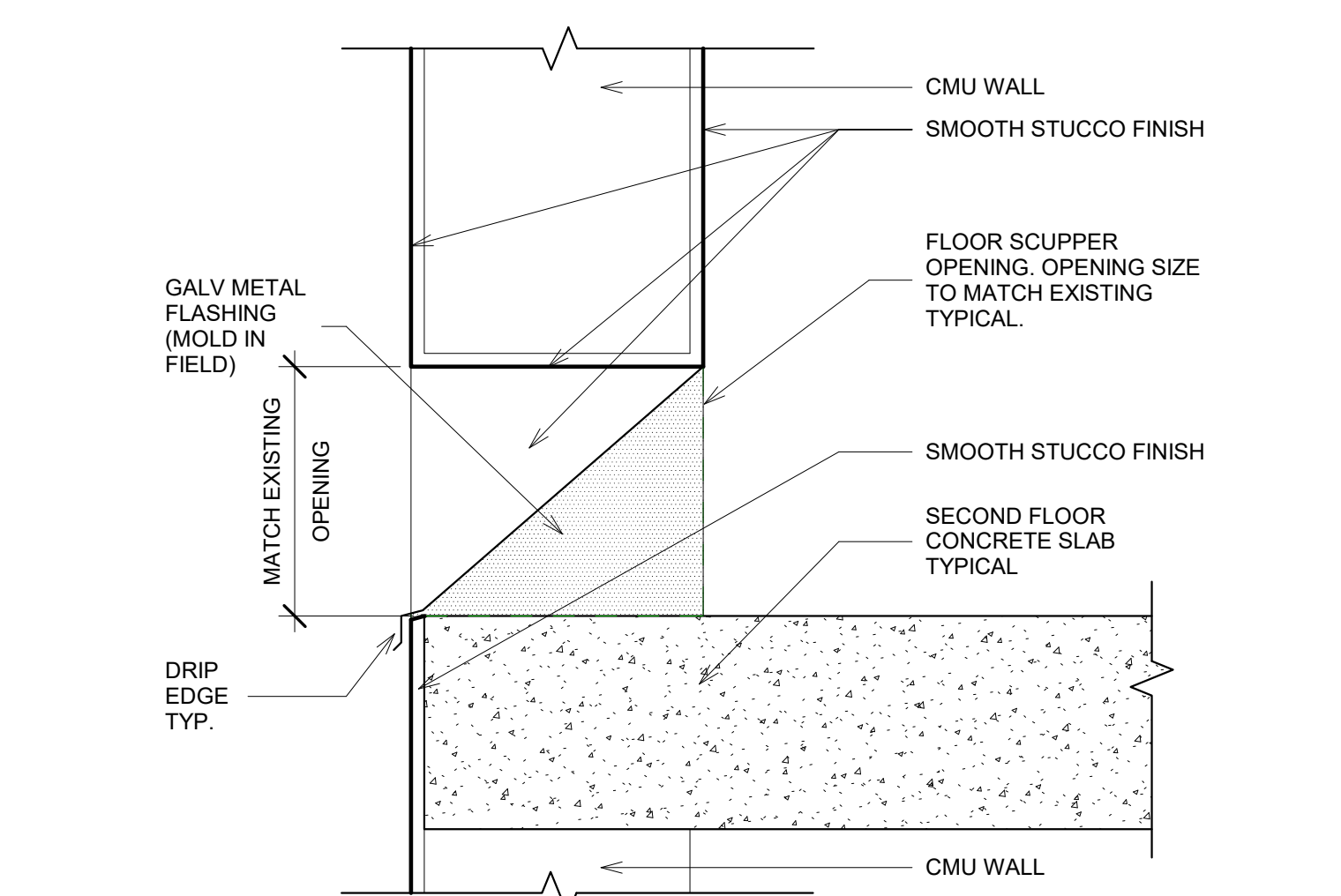
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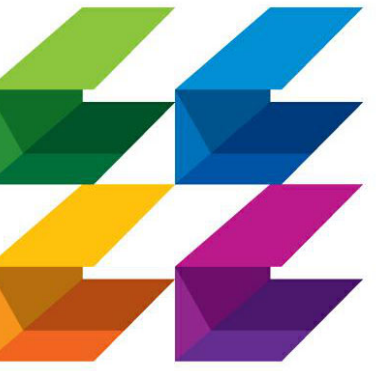
1 EAST ELEVATION
3/16" = 1'-0"



2 TYPICAL STUCCO REVEAL
6" = 1'-0"



3 TYPICAL FLOOR DRAIN SCUPPER
N.T.S.



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**REFLECTED
CEILING PLANS**

DATE 04/22/22 DRAWN BY CP

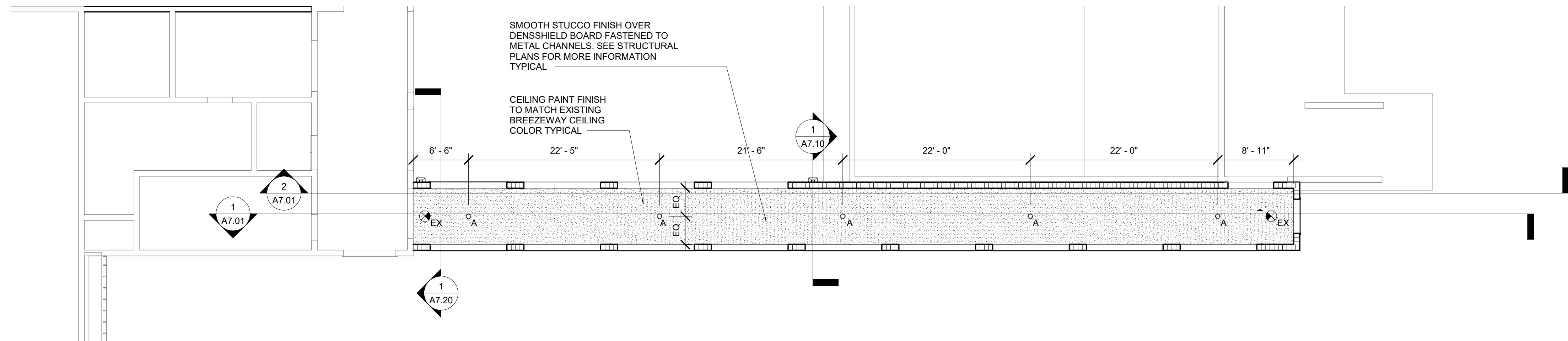
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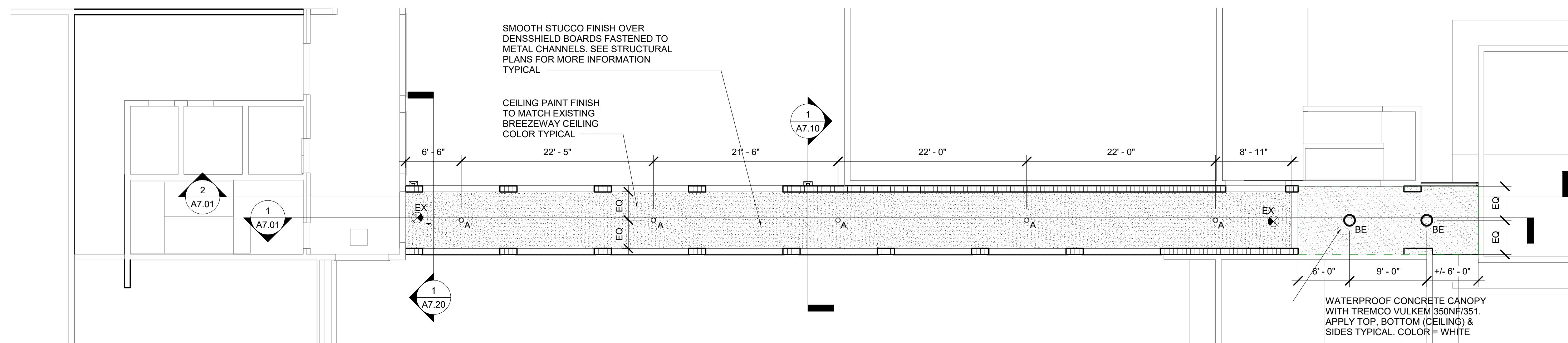
A6.01

| LIGHTING FIXTURE SCHEDULE | | |
|---------------------------|--|------------|
| A | RECESSED DOWNLIGHTING 6" ROUND | LIGHTOLIER |
| BE | ROUND LED DOWNLIGHT SURFACE MOUNT | LITON |
| EX | EXTERIOR CEILING MOUNTED ILLUMINATED EMERGENCY EXIT SIGN GREEN | BEGHELLI |

VERIFY FINISH COLORS WITH OWNER



2 Level 02 - Overall RCP
A6.01 1/8" = 1'-0"



1 Level 01 - Overall RCP
A6.01 1/8" = 1'-0"

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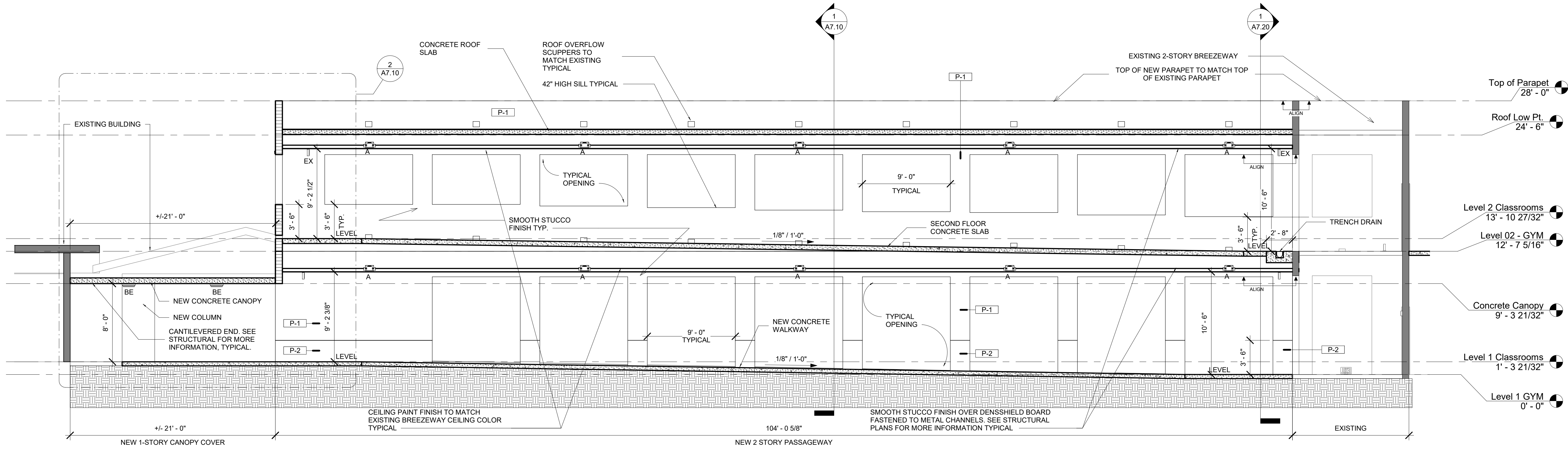
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DRAWING TITLE
OVERALL BUILDING SECTIONS

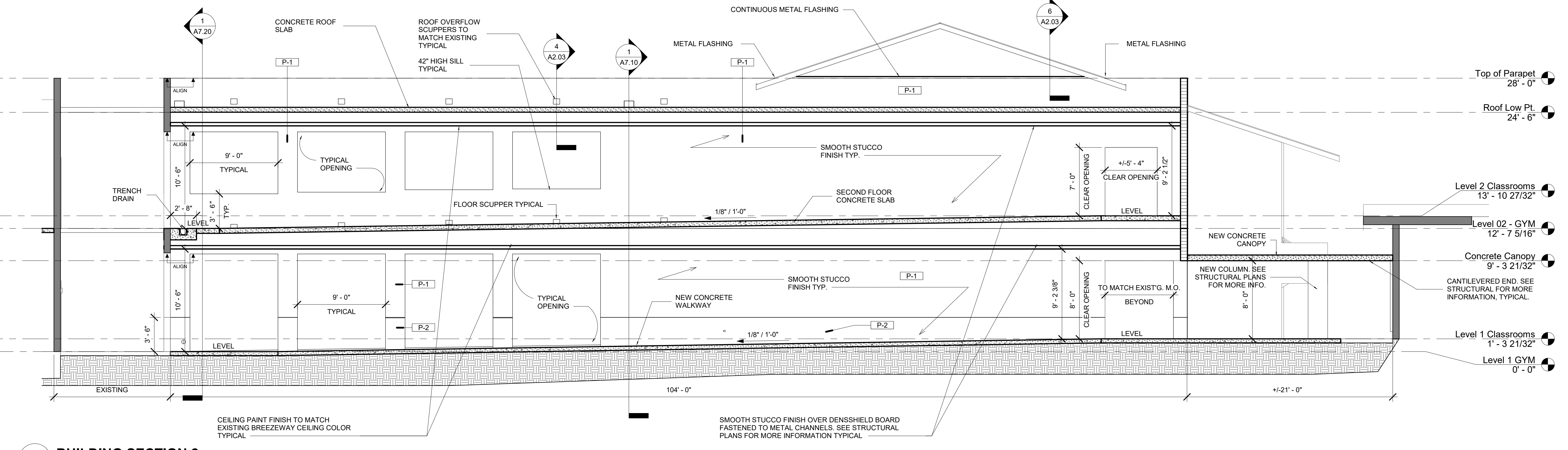
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A7.01

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1 BUILDING SECTION 1
 3/16" = 1'-0"



2 BUILDING SECTION 2
 3/16" = 1'-0"

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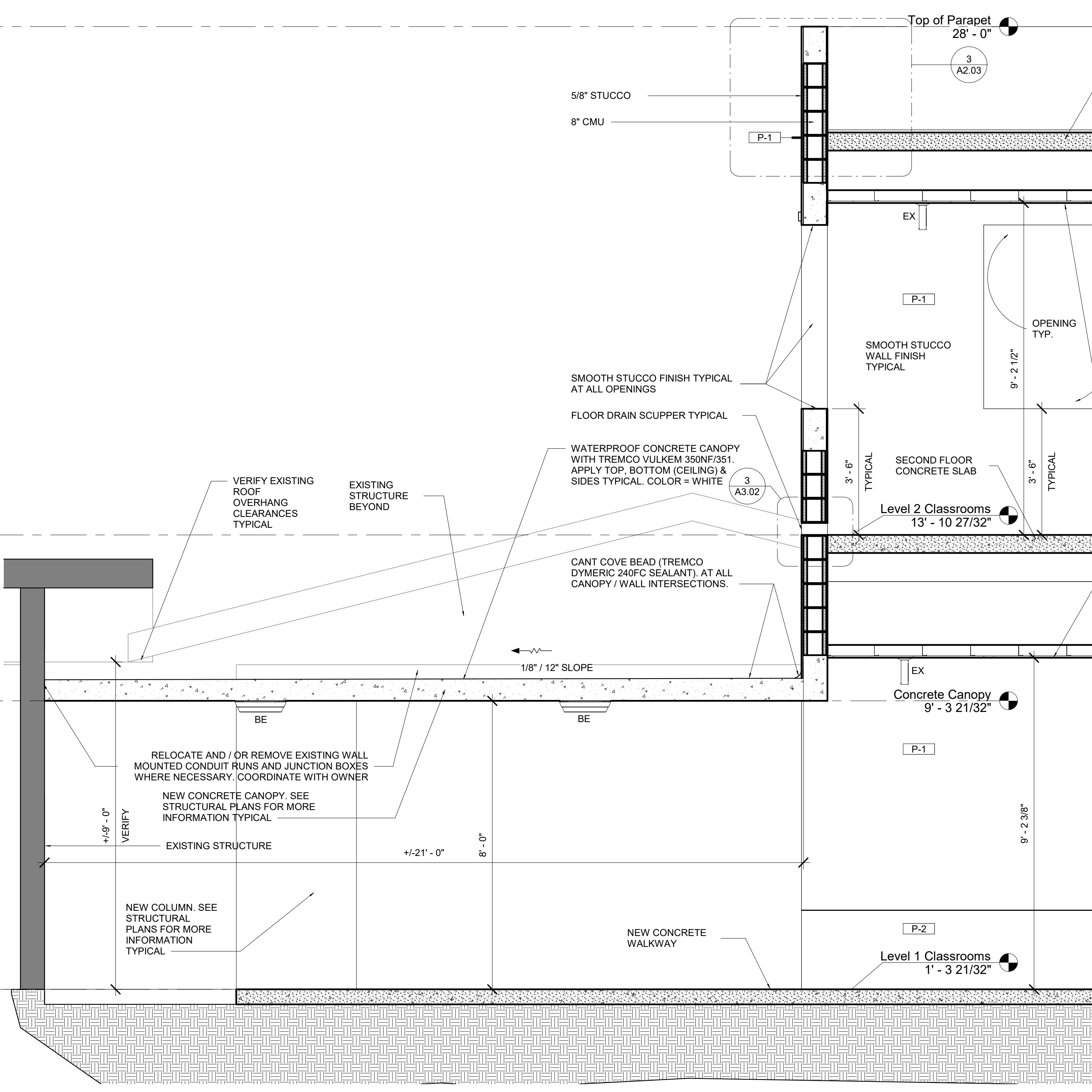
**BUILDING &
WALL SECTIONS**

DATE 04/22/22 | DRAWN BY CP

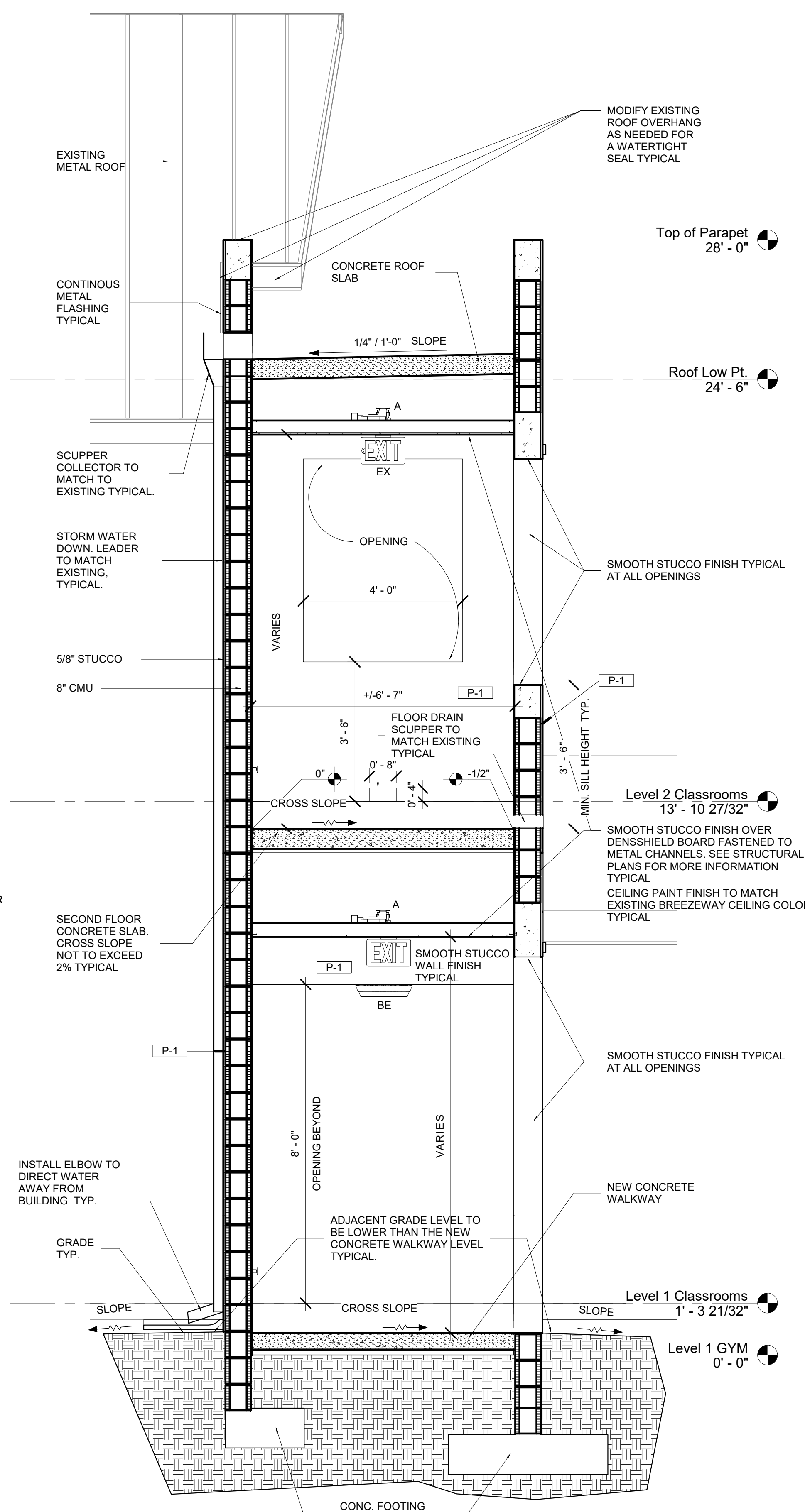
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A7.10



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



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

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| | | |

DRAWING TITLE

**BUILDING &
WALL SECTIONS
& WALL TYPE**

DATE 04/22/22 | DRAWN BY CP

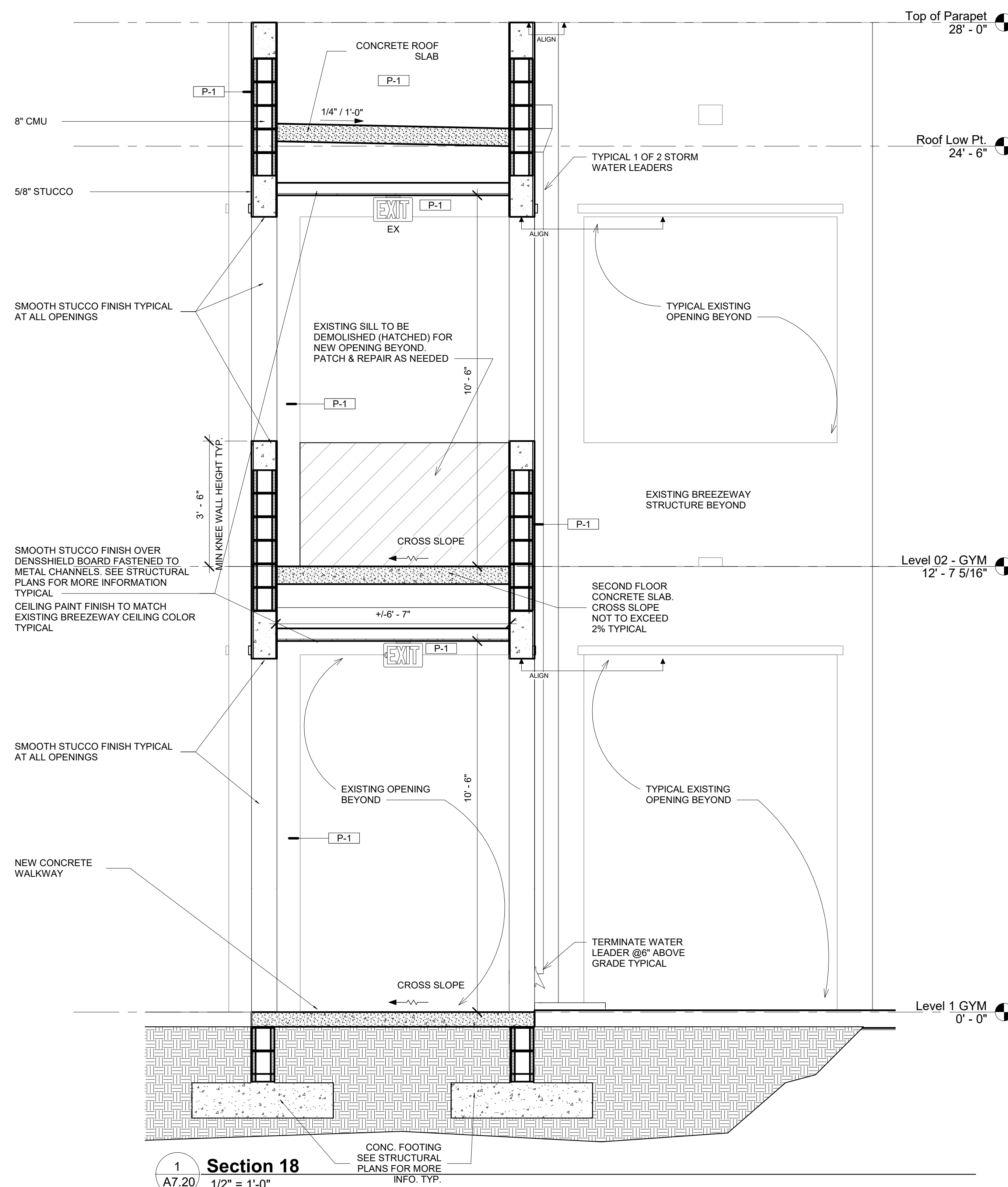
JOB NUMBER 201104

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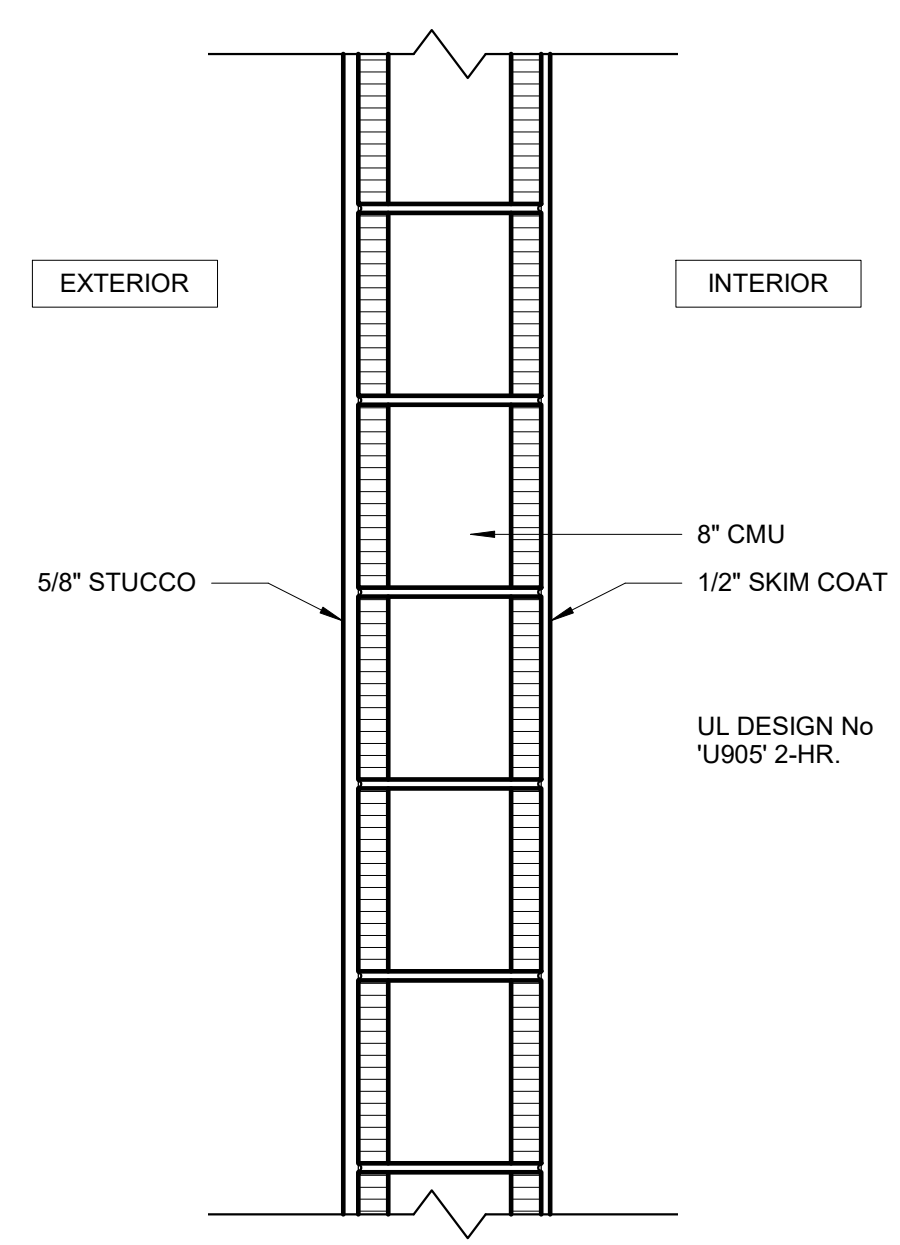
A7.20

4/22/2022 BID/PERMIT SET

THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ARCHITECT AND ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.



1 Section 18
A7.20 1/2" = 1'-0"



2 M-1 FULL & KNEE WALL TYPE
A7.20 1 1/2" = 1'-0"

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ISSUED FOR :

BIDS

PERMIT

CONSTRUCTION

SEAL

PROJECT TITLE

TRINITY PASSAGEWAY

400 N SWINTON AVE,
DELRAY BEACH, FL 33444

| REVISIONS | | |
|-----------|-------------|------|
| NUM. | DESCRIPTION | DATE |
| | | |

THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ARCHITECT AND ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.

FILE NUMBER

DRAWING TITLE

STRUCTURAL SPECIFICATIONS

DATE

4/22/2022

DRAWN BY

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JOB NUMBER

201104

DRAWING NUMBER

S0.1

| SHEET INDEX | |
|--------------|---------------------------|
| Sheet Number | Sheet Name |
| S0.1 | STRUCTURAL SPECIFICATIONS |
| S0.2 | SCHEDULES & WIND TABLES |
| S1.0 | STRUCTURAL PLANS |
| S2.0 | FOUNDATION DETAILS |
| S3.0 | FRAMING DETAILS |
| S4.0 | ISOMETRIC FRAMING |

4/22/2022

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STRUCTURAL SPECIFICATIONS

MISCELLANEOUS

- THESE ABBREVIATED DRAWING SPECIFICATIONS ARE WRITTEN TO MATCH THE BOOK SPECIFICATIONS. IF THERE ARE ANY ITEMS THAT DO NOT CORRESPOND EXACTLY AS WRITTEN, THE MORE STRINGENT WILL TAKE PRECEDENCE.
- THE STRUCTURAL SYSTEM IS UNSTABLE UNTIL ALL CONNECTIONS HAVE BEEN MADE AND ALL CONCRETE HAS REACHED ITS MINIMUM DESIGN STRENGTH, AS SHOWN IN THE STRUCTURAL DOCUMENTS.
- CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION TO ENSURE THE SAFETY OF THE BUILDING UNTIL STRUCTURAL SYSTEM IS COMPLETED. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, SHORING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMOVE THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.

- CONTRACTOR TO SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION.
- APPLICABLE BUILDING CODE: 7TH EDITION (2020) FLORIDA BUILDING CODE
- GRAVITY DESIGN LOADS: SUPERIMPOSED SUPERIMPOSED AREA
 LIVE LOAD DEAD LOAD
 CORRIDOR 100 PSF 15 PSF
 ROOF 20 PSF 20 PSF
- WIND DESIGN CRITERIA:
 ULTIMATE WIND SPEED: VULT = 170 MPH (3 SECOND GUST)
 EQUIVALENT NOMINAL BASIC WIND SPEED VASD = 132 MPH (3 SECOND GUST)
 RISK CATEGORY - II
 EXPOSURE CATEGORY - C
 PARTIALLY ENCLOSED BUILDING INTERNAL PRESSURE COEFFICIENT, GCPI = +0.55
 WIND BORNE DEBRIS REGION
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REFERENCED BUILDING CODE.
- COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. DO NOT SCALE DRAWINGS.
- CONTRACT ENGINEER WITH ANY QUESTIONS OR DISCREPANCIES FOUND ON DRAWINGS.
- BUILDING EXPANSION JOINTS (EJ), WHERE SHOWN, WILL EXPAND AND CONTRACT OVER THE LIFE OF THE BUILDING. JOINT SEALANTS AND COVERS MUST ACCOMMODATE THIS MOVEMENT.
- SECTIONS AND DETAILS ARE REFERENCED IN TYPICAL LOCATIONS BUT ALSO APPLY TO ALL OTHER SIMILAR CONDITIONS.
- CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
- SUBMIT SHOP DRAWINGS AS REQUIRED HEREIN. ALLOW FOR TWO WEEKS REVIEW TIME AFTER RECEIPT OF SUBMITTALS BY THIS FIRM. ALL SUBMITTALS SHALL BE CHECKED AND SIGNED BY THE GENERAL CONTRACTOR AND SIGNED/SEALED BY THE DELEGATED ENGINEER, WHERE SPECIFIED HEREIN.
- CONTRACTOR SHALL NOT BE RELIEVED FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS OR MIX DESIGNS BY THE ENGINEERS REVIEW THEREOF.
- ANY CHANGES TO THE STRUCTURE SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.
- CONTRACTOR SHALL NOTIFY THIS OFFICE WHEN THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETED, AND BEFORE SHEATHING, CEILING, OR ROOFING IS INSTALLED.

APPLICABLE STANDARDS

- | ACI NUMBER | TITLE | CONSTRUCTION |
|-------------|--|--------------|
| 117 | STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE | |
| 226 | GROUND GRANULATED BLAST-FURNACE SLAG | BUILDINGS |
| 301 | STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION | CONCRETE |
| 304 | GUIDE FOR MEASURING MIXING, TRANSPORTING AND PLACING | |
| 304.2R | PLACING CONCRETE BY PUMPING METHODS. | |
| 305R | HOT WEATHER CONCRETING | |
| 306R | COLD WEATHER CONCRETING | |
| 308 | STANDARD PRACTICE FOR CURING CONCRETE | STRUCTURES |
| 309 | GUIDE FOR CONSOLIDATION OF CONCRETE | |
| 315 | MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE | |
| 318 | BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE RECOMMENDED PRACTICE FOR CONCRETE FORMWORK | |
| 347 | RECOMMENDED PRACTICE FOR CONCRETE FORMWORK | |
| CRSI NUMBER | TITLE | |
| 63 | RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS | |
| A | CONCRETE MATERIALS | |
| 3 | PORTLAND CEMENT - ASTM C 150, TYPE I OR II | |
| B | AGGREGATES - NORMAL WEIGHT CONCRETE, COARSE AND FINE, ASTM C33, STRUCTURAL LIGHT WEIGHT ASTM C330. | |
| C | AIR-ENTRAINING - NOT PERMITTED, EXCEPT IN LIGHTWEIGHT | |
| D | WATER REDUCING - ASTM C494, TYPE A | |
| E | WATER - FRESH, CLEAN AND POTABLE | |
| F | NO ACCELERATORS, RETARDERS OR ADMIXTURES CONTAINING CHLORIDES WILL BE PERMITTED | |
| G | FLY-ASH - ASTM C618, CLASS F, 20% MAXIMUM OF CEMENTITIOUS MATERIAL BY WEIGHT. DO NOT USE FOR EXPOSED SLABS OR ARCHITECTURAL CONCRETE. | |
| H | SUPER PLASTICIZER - ASTM C494, TYPE F OR G | |
| I | GROUND GRANULATED BLAST-FURNACE SLAG CEMENT - ASTM C989, 50% MAXIMUM BY WEIGHT. | |
| J | MAXIMUM AGGREGATE SIZE - FOOTINGS = #67, OTHERS #67 | |
| 4 | REINFORCING MATERIALS | |
| A | DEFORMED BARS - ASTM A615, GRADE 60 | |
| B | SMOOTH DOWELS - ASTM A615, PLAIN BARS, MINIMUM YIELD STRENGTH OF 60,000 PSI. | |
| C | CORROSION RESISTANT UNCOATED STEEL (MMFX-2) - ASTM A615, GRADE 75 AND ASTM A1035 LOW-CARBON (8% MINIMUM) CHROMIUM BY MIX OR EQUAL. | |
| D | WELDED WIRE FABRIC - ASTM A1028, PLAIN WIRE FABRIC IN FLAT SHEETS ONLY. | |
| E | ACCESSORIES TO CONFORM TO ACI 315. | |
| F | WHERE CONCRETE SURFACES ARE EXPOSED, MAKE THOSE PORTIONS OF ALL ACCESSORIES IN CONTACT WITH THE CONCRETE SURFACE OR WITHIN 1/2 INCH THEREOF, OF PLASTIC OR STAINLESS STEEL. | |
| A | PROVIDE THE FOLLOWING MINIMUM CONCRETE STRENGTHS AT 28 DAYS: | |
| 5. | FOOTINGS, SLAB-ON-GRADE-----3000 PSI | |
| B. | SLABS-----4000 PSI | |
| C. | COLUMNS, WALLS-----3000 PSI | |
| 6. | CONCRETE MUST BE BATCHED, MIXED AND TRANSPORTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR READY-MIXED CONCRETE ASTM C94. | |
| 7. | REQUIRED SLUMP = 4 PLUS OR MINUS ONE INCH. | |
| 8. | CONCRETE MUST BE PLACED WITHIN 90 MINUTES OF BATCH TIME, WHEN AIR TEMPERATURE IS BETWEEN 85 AND 90 DEGREES F, REDUCE MIXING AND DELIVERY TIME TO 75 MINUTES. WHEN AIR TEMPERATURE IS HIGHER THAN 90 DEGREES F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES. | |
| 9. | DO NOT ADD WATER AT THE JOB SITE WITHOUT APPROVAL OF THE PROJECT SUPERINTENDENT. DO NOT EXCEED THE SLUMP LIMITATION. USE ONLY COLD WATER FROM THE TRUCK TANK. ANY ADDED WATER MUST BE INDICATED ON THE DELIVERY TICKET PLUS THE NAME OF THE PERSON AUTHORIZING. TEST CYLINDERS SHALL BE TAKEN AFTER THE ADDITION OF WATER. | |
| 10. | LAP SLICE REINFORCING PER CONCRETE LAP SCHEDULE MINIMUM UNLESS OTHERWISE SHOWN OR NOTED. | |
| 11. | PROVIDE CORNER BARS AT ALL WALL FOOTING, WALL AND BEAM CORNERS. SIZE AND NUMBER TO MATCH HORIZONTAL BARS. | |
| 12. | PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND NUMBER OF VERTICAL BARS. EMBED DOWELS TO: A. 3" ABOVE BOTTOM OF FOOTINGS | |
| 13. | REINFORCEMENT SHALL BE FASTENED AND SECURED TOGETHER TO PREVENT DISPLACEMENT BY CONSTRUCTION LOADS OR THE PLACING OF CONCRETE. | |
| 14. | REINFORCING BAR COVER A. FOOTINGS 2" (TOP), 3" (SIDES AND BOTTOM) B. COLUMNS AND BEAMS 1-1/2" C. SLABS 3/4" (INTERIOR), 1-1/2" (EXTERIOR) | |
| 15. | WHERE BAR LENGTHS ARE GIVEN ON THE DRAWINGS, LENGTH OF HOOK, IF REQUIRED, IS NOT INCLUDED. | |
| 16. | SELECT PROPORTIONS IN ACCORDANCE WITH ACI 301 TO PROVIDE CONCRETE CAPABLE OF BEING PLACED WITHOUT EXCESSIVE SEGREGATION AND WITH ACCEPTABLE FINISHING PROPERTIES, DURABILITY, SURFACE HARDENERS, APPEARANCE, AND STRENGTH REQUIREMENTS REQUIRED BY THESE SPECIFICATIONS. | |
| 17. | CHAIR WELDED WIRE FABRIC REINFORCING AT 3'-0" ON CENTER MAXIMUM IN EACH DIRECTION. | |
| 18. | MAXIMUM WATER TO CEMENT RATIO WHEN NO BACK-UP DATA IS AVAILABLE: A. 5000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.40 MAX. B. 4000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.44 MAXIMUM. C. 3000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.58 MAXIMUM. | |
| 19. | DATA TO BE SUBMITTED: A. INTENDED USAGE AND LOCATION FOR EACH TYPE OF CONCRETE B. MIX DESIGN FOR EACH TYPE OF CONCRETE C. CEMENT CONTENT IN POUNDS PER CUBIC YARD D. COARSE AND FINE AGGREGATE IN POUNDS/CUBIC YARD E. WATER CEMENT RATIO BY WEIGHT F. CEMENT TYPE AND MANUFACTURER G. SLUMP RANGE H. AIR CONTENT I. ADMIXTURE TYPE AND MANUFACTURER J. PERCENT ADMIXTURE BY WEIGHT K. STRENGTH TEST DATA REQUIRED TO ESTABLISH MIX DESIGN. L. COMPLETE DETAIL AND PLACING SHOP DRAWINGS FOR ALL REINFORCING STEEL INCLUDING ACCESSORIES THAT HAVE BEEN REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR. INCLUDE ALL REQUIRED DIMENSIONS AND ELEVATIONS (IE, TOP OF CONCRETE) | |

SITE WORK

- A SUBSURFACE INVESTIGATION HAS BEEN COMPLETED AT THE PROJECT SITE BY FLORIDA ENGINEERING & TESTING, INC. SOIL BORING LOGS AND SITE PREPARATION PROCEDURES ARE INCLUDED IN THE PROJECT SOILS REPORT, DATED JANUARY 04, 2022, WHICH IS AN INTEGRAL PART OF THESE CONTRACT DOCUMENTS.
- SITE WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE PROJECT SOILS REPORT.
- CONTRACTOR SHALL REVIEW THE SOILS REPORT AND VERIFY THAT TEST BORINGS HAVE BEEN DONE UNDER ALL BUILDING (S) PRIOR TO BEGINNING EARTHWORK.
- A QUALIFIED TESTING LABORATORY SHALL BE RETAINED BY THE CONTRACTOR TO PERFORM THE FOLLOWING MINIMUM TESTS. REFER TO SOILS REPORT FOR ANY ADDITIONAL TESTING.
 A. ONE DENSITY TEST FOR EACH 2,500 SQUARE FEET OF COMPACTED SUBGRADE AND COMPACTED FILL.
- ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND GENERAL CONTRACTOR.
- EXERCISE CARE WHEN COMPACTING NEAR ADJACENT STRUCTURES. FOLLOW THE RECOMMENDATIONS WITH PHOTOGRAPHS PRIOR TO STARTING WORK.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITY LINES, TANKS, ETC. WITHIN THE CONSTRUCTION AREA AND RELOCATE THEM AS DIRECTED BY THE CIVIL ENGINEER.
- EXCAVATION CAN BE KEPT VERTICAL, CLEAN, AND STABLE. OTHERWISE, PLYWOOD FORMS MUST BE USED.

EXISTING BUILDINGS

INFORMATION ON THE EXISTING BUILDING, SHOWN ON THESE PLANS, IS OBTAINED FROM EXISTING BUILDING PLANS BY JOHN E. GRANT & ASSOCIATES, INC. DATED OCTOBER 03, 1984. EXISTING INFORMATION DOES NOT NECESSARILY REFLECT AS-BUILT CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION SHOWN ON THESE PLANS AND NOTIFY THE ENGINEER OF ANY VARIATION.

CAST IN PLACE CONCRETE

- ALL CAST-IN-PLACE CONCRETE WORK INCLUDES REINFORCING STEEL AND RELATED WORK SHOWN INCLUDING FORMWORK, SETTING ANCHOR BOLTS, PLATES, FRAMES, DOWELS FOR MASONRY OR OTHER ITEMS EMBEDDED IN CONCRETE.

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CONSTRUCTION OF FORMWORK, SHORING AND RE-SHORING IN ACCORDANCE WITH ACI 347.
 A. FORM AND SHORING DESIGN BY A P.E. REGISTERED IN THE STATE OF FLORIDA.
- SUBMIT FORM WORK AND SHORING DRAWINGS TO LOCAL BUILDING DEPARTMENT WHEN REQUIRED BY FLORIDA THRESHOLD LAW.
- CONSTRUCTION JOINTS NOT SHOWN ON THE DRAWINGS MUST BE MADE AND LOCATED TO LEAST IMPAIR THE STRENGTH OF THE STRUCTURE.
 A. NO HORIZONTAL CONSTRUCTION JOINTS WILL BE PERMITTED IN BEAMS, GRIDERS AND SLABS.
 B. LOCATION OF ANY CONSTRUCTION JOINT NOT SHOWN IS SUBJECT TO REVIEW AND ACCEPTANCE BY ENGINEER.
- INTERNAL VIBRATION, PROPERLY APPLIED IS THE REQUIRED METHOD OF CONSOLIDATING PLASTIC CONCRETE.
- PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS OF COLUMNS, BEAMS AND WALLS UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, AND SLAB RECESSES AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENINGS, OR INSERT MAY BE PLACED IN BEAMS, JOISTS, OR COLUMN UNLESS APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL VERIFY EMBEDDED ITEMS INCLUDING, BUT NOT LIMITED TO, ANCHOR BOLTS, BOLT CLUSTERS, WELD PLATES, ETC., BEFORE PLACING CONCRETE. NOTIFY ENGINEER OF ANY CONFLICTS WITH REBAR.
- ALL EXPOSED CONCRETE SURFACES TO BE IN ACCORDANCE WITH ACI 301 SECTION 5.3.3.(C), INCLUDING SURFACE TOLERANCE CLASS AS SPECIFIED IN ACI 117.U.N.O.
- SEE ARCHITECTURAL DRAWINGS FOR REQUIRED CONCRETE FINISHES.
- SLOPE WALKWAYS AND BALCONIES TO DRAIN AWAY FROM THE BUILDING.
- BUILDING FLOOR AND SITE SLABS-ON-GRADE SHALL BE 4" MINIMUM THICKNESS, UNLESS NOTED OTHERWISE.
 A. REINFORCED WITH 6x6 - W1.4 X W1.4 W.W.F.
 B. PLACED ON 10 MIL POLYETHYLENE VAPOR RETARDER, LAP 6" AND TAPE ALL JOINTS.
 C. SAW-CUT CONTROL JOINTS @ LESS THAN OR EQUAL TO 15'-0" EACH WAY.
 D. SEE DRAWINGS FOR ANY ADDITIONAL CONDITIONS.

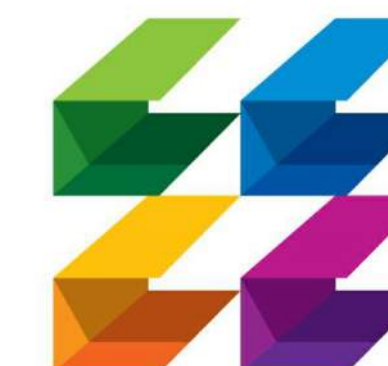
- TESTING
 A. A QUALIFIED TESTING LAB SHALL BE RETAINED TO PERFORM QUALITY CONTROL WORK AND ON-SITE TESTING.
 B. SLUMP TEST - ASTM 143
 C. MOLD AND CURE TEST CYLINDERS (ASTM C-31) AND TEST CYLINDERS FOR STRENGTH (ASTM C39). TAKE ONE TEST - THREE CYLINDERS FOR EACH DAYS POUR OF 100 CUBIC YARDS, OR FRACTION THEREOF. TEST ONE CYLINDER AT 7 DAYS, TWO AT 28 DAYS. TEST CYLINDER SAMPLES SHALL BE TAKEN AT THE POINT OF DISCHARGE WHEN USING A PUMP.
 D. ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO THE OWNER, ENGINEER, ARCHITECT AND GENERAL CONTRACTOR.
- CONTRACTOR SHALL PROVIDE FLATNESS AND LEVELNESS IN CONCRETE SLABS PER ACI 302.1R, FIG. 10.7. MINIMUM REQUIRED "F" NUMBERS FOR TYPE OF SLAB USE. REFER TO ACI 117 FOR FLOOR TOLERANCES.
- REPAIR ANY CRACKS OR DEFECTIVE AREAS THAT WILL RESTORE THE AFFECTED SURFACE OR AREAS TO THEIR FULL DESIGN STRENGTH AND APPEARANCE. CONTACT THE STRUCTURAL ENGINEER FOR ADVICE AND EVALUATION.
- ACCEPTANCE OF THE STRUCTURE WILL BE MADE IN CONFORMANCE WITH ACI 301.
- ALL CAST-IN-PLACE CONCRETE MUST BE MAINTAINED WITH MINIMAL MOISTURE LOSS AT A RELATIVELY CONSTANT TEMPERATURE FOR A MINIMUM OF 7 DAYS FOLLOWING THE PLACING OF THE CONCRETE BY THE USE OF A WATER SPRAY, WATER SATURATED FABRIC, MOISTURE RETAINING MEMBRANE OR LIQUID CURING COMPOUND.
- CURE SLABS-ON-GRADE FOR THE FIRST 72 HOURS BY THE USE OF:
 A. FOG SPRAYING
 B. PONDING
 C. SPRINKLING
 D. CONTINUOUSLY WET ABSORPTIVE MATS OR FABRIC
 E. CONTINUE CURING BY USE OF MOISTURE RETAINING COVER UNTIL CONCRETE HAS OBTAINED ITS SPECIFIED 28 DAY COMPRESSIVE STRENGTH.
 F. OR LIQUID CURING COMPOUND AFTER FINISHING PROCESS IS COMPLETED.
 G. CONCRETE WET CURE TIME TO BE 7 DAYS MINIMUM AT 50 DEGREES MINIMUM TEMPERATURE.
- SUBMIT MATERIALS AND METHOD OF CURING FOR REVIEW.
- DO NOT USE MOISTURE RETAINING CURING COMPOUNDS FOR CURING SURFACES TO RECEIVE CARPET, FLEXIBLE FLOORING, CERAMIC TILED FLOORS OR OTHER SPECIFIED FLOOR SYSTEMS, UNLESS IT HAS BEEN DEMONSTRATED THAT SUCH COMPOUNDS WILL NOT PREVENT BOND.
- DO NOT PERMIT CONCRETE NOT FULLY CURED TO BE EXPOSED TO EXCESSIVE TEMPERATURE CHANGES OR HIGH WINDS.
- POUR ALL GROUND SLABS ON 10 MIL MINIMUM VAPOR RETARDER IN COMPLIANCE WITH ASTM E1745, LAPPED 6" MINIMUM AND FULLY TAPED.
- EQUIPMENT MADE OF ALUMINUM OR ALUMINUM ALLOYS, SHALL NOT BE USED FOR PUMP LINES, TREMIES, OR CHUTES OTHER THAN SHORT CHUTES SUCH AS THOSE USED TO CONVEY CONCRETE FROM A TRUCK MIXER.
- THE CODE PROHIBITS THE USE OF ALUMINUM (CONDUIT, PIPES, ETC.) IN STRUCTURAL CONCRETE UNLESS IT IS EFFECTIVELY COATED OR COVERED.

- REINFORCING MATERIALS
 A. DEFORMED BARS - ASTM A615, GRADE 60
 B. SMOOTH DOWELS - ASTM A615, PLAIN BARS, MINIMUM YIELD STRENGTH OF 60,000 PSI.
 C. CORROSION RESISTANT UNCOATED STEEL (MMFX-2) - ASTM A615, GRADE 75 AND ASTM A1035 LOW-CARBON (8% MINIMUM) CHROMIUM BY MIX OR EQUAL.
 D. WELDED WIRE FABRIC - ASTM A1028, PLAIN WIRE FABRIC IN FLAT SHEETS ONLY.
 E. ACCESSORIES TO CONFORM TO ACI 315.
 F. WHERE CONCRETE SURFACES ARE EXPOSED, MAKE THOSE PORTIONS OF ALL ACCESSORIES IN CONTACT WITH THE CONCRETE SURFACE OR WITHIN 1/2 INCH THEREOF, OF PLASTIC OR STAINLESS STEEL.
- PROVIDE THE FOLLOWING MINIMUM CONCRETE STRENGTHS AT 28 DAYS:
 A. FOOTINGS, SLAB-ON-GRADE-----3000 PSI
 B. SLABS-----4000 PSI
 C. COLUMNS, WALLS-----3000 PSI
- CONCRETE MUST BE BATCHED, MIXED AND TRANSPORTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR READY-MIXED CONCRETE ASTM C94.
- REQUIRED SLUMP = 4 PLUS OR MINUS ONE INCH.
- CONCRETE MUST BE PLACED WITHIN 90 MINUTES OF BATCH TIME, WHEN AIR TEMPERATURE IS BETWEEN 85 AND 90 DEGREES F, REDUCE MIXING AND DELIVERY TIME TO 75 MINUTES. WHEN AIR TEMPERATURE IS HIGHER THAN 90 DEGREES F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES.
- DO NOT ADD WATER AT THE JOB SITE WITHOUT APPROVAL OF THE PROJECT SUPERINTENDENT. DO NOT EXCEED THE SLUMP LIMITATION. USE ONLY COLD WATER FROM THE TRUCK TANK. ANY ADDED WATER MUST BE INDICATED ON THE DELIVERY TICKET PLUS THE NAME OF THE PERSON AUTHORIZING. TEST CYLINDERS SHALL BE TAKEN AFTER THE ADDITION OF WATER.
- LAP SLICE REINFORCING PER CONCRETE LAP SCHEDULE MINIMUM UNLESS OTHERWISE SHOWN OR NOTED.
- PROVIDE CORNER BARS AT ALL WALL FOOTING, WALL AND BEAM CORNERS. SIZE AND NUMBER TO MATCH HORIZONTAL BARS.
- PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND NUMBER OF VERTICAL BARS. EMBED DOWELS TO:
 A. 3" ABOVE BOTTOM OF FOOTINGS
- REINFORCEMENT SHALL BE FASTENED AND SECURED TOGETHER TO PREVENT DISPLACEMENT BY CONSTRUCTION LOADS OR THE PLACING OF CONCRETE.
- REINFORCING BAR COVER
 A. FOOTINGS 2" (TOP), 3" (SIDES AND BOTTOM)
 B. COLUMNS AND BEAMS 1-1/2"
 C. SLABS 3/4" (INTERIOR), 1-1/2" (EXTERIOR)
- WHERE BAR LENGTHS ARE GIVEN ON THE DRAWINGS, LENGTH OF HOOK, IF REQUIRED, IS NOT INCLUDED.
- SELECT PROPORTIONS IN ACCORDANCE WITH ACI 301 TO PROVIDE CONCRETE CAPABLE OF BEING PLACED WITHOUT EXCESSIVE SEGREGATION AND WITH ACCEPTABLE FINISHING PROPERTIES, DURABILITY, SURFACE HARDENERS, APPEARANCE, AND STRENGTH REQUIREMENTS REQUIRED BY THESE SPECIFICATIONS.
- CHAIR WELDED WIRE FABRIC REINFORCING AT 3'-0" ON CENTER MAXIMUM IN EACH DIRECTION.
- MAXIMUM WATER TO CEMENT RATIO WHEN NO BACK-UP DATA IS AVAILABLE:
 A. 5000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.40 MAX.
 B. 4000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.44 MAXIMUM.
 C. 3000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.58 MAXIMUM.
- DATA TO BE SUBMITTED:
 A. INTENDED USAGE AND LOCATION FOR EACH TYPE OF CONCRETE
 B. MIX DESIGN FOR EACH TYPE OF CONCRETE
 C. CEMENT CONTENT IN POUNDS PER CUBIC YARD
 D. COARSE AND FINE AGGREGATE IN POUNDS/CUBIC YARD
 E. WATER CEMENT RATIO BY WEIGHT
 F. CEMENT TYPE AND MANUFACTURER
 G. SLUMP RANGE
 H. AIR CONTENT
 I. ADMIXTURE TYPE AND MANUFACTURER
 J. PERCENT ADMIXTURE BY WEIGHT
 K. STRENGTH TEST DATA REQUIRED TO ESTABLISH MIX DESIGN.
 L. COMPLETE DETAIL AND PLACING SHOP DRAWINGS FOR ALL REINFORCING STEEL INCLUDING ACCESSORIES THAT HAVE BEEN REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR. INCLUDE ALL REQUIRED DIMENSIONS AND ELEVATIONS (IE, TOP OF CONCRETE)

- TESTING
 A. A QUALIFIED TESTING LAB SHALL BE RETAINED TO PERFORM QUALITY CONTROL WORK AND ON-SITE TESTING.
 B. SLUMP TEST - ASTM 143
 C. MOLD AND CURE TEST CYLINDERS (ASTM C-31) AND TEST CYLINDERS FOR STRENGTH (ASTM C39). TAKE ONE TEST - THREE CYLINDERS FOR EACH DAYS POUR OF 100 CUBIC YARDS, OR FRACTION THEREOF. TEST ONE CYLINDER AT 7 DAYS, TWO AT 28 DAYS. TEST CYLINDER SAMPLES SHALL BE TAKEN AT THE POINT OF DISCHARGE WHEN USING A PUMP.
 D. ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO THE OWNER, ENGINEER, ARCHITECT AND GENERAL CONTRACTOR.
- CONTRACTOR SHALL PROVIDE FLATNESS AND LEVELNESS IN CONCRETE SLABS PER ACI 302.1R, FIG. 10.7. MINIMUM REQUIRED "F" NUMBERS FOR TYPE OF SLAB USE. REFER TO ACI 117 FOR FLOOR TOLERANCES.
- REPAIR ANY CRACKS OR DEFECTIVE AREAS THAT WILL RESTORE THE AFFECTED SURFACE OR AREAS TO THEIR FULL DESIGN STRENGTH AND APPEARANCE. CONTACT THE STRUCTURAL ENGINEER FOR ADVICE AND EVALUATION.
- ACCEPTANCE OF THE STRUCTURE WILL BE MADE IN CONFORMANCE WITH ACI 301.
- ALL CAST-IN-PLACE CONCRETE MUST BE MAINTAINED WITH MINIMAL MOISTURE LOSS AT A RELATIVELY CONSTANT TEMPERATURE FOR A MINIMUM OF 7 DAYS FOLLOWING THE PLACING OF THE CONCRETE BY THE USE OF A WATER SPRAY, WATER SATURATED FABRIC, MOISTURE RETAINING MEMBRANE OR LIQUID CURING COMPOUND.
- CURE SLABS-ON-GRADE FOR THE FIRST 72 HOURS BY THE USE OF:
 A. FOG SPRAYING
 B. PONDING
 C. SPRINKLING
 D. CONTINUOUSLY WET ABSORPTIVE MATS OR FABRIC
 E. CONTINUE CURING BY USE OF MOISTURE RETAINING COVER UNTIL CONCRETE HAS OBTAINED ITS SPECIFIED 28 DAY COMPRESSIVE STRENGTH.
 F. OR LIQUID CURING COMPOUND AFTER FINISHING PROCESS IS COMPLETED.
 G. CONCRETE WET CURE TIME TO BE 7 DAYS MINIMUM AT 50 DEGREES MINIMUM TEMPERATURE.
- SUBMIT MATERIALS AND METHOD OF CURING FOR REVIEW.
- DO NOT USE MOISTURE RETAINING CURING COMPOUNDS FOR CURING SURFACES TO RECEIVE CARPET, FLEXIBLE FLOORING, CERAMIC TILED FLOORS OR OTHER SPECIFIED FLOOR SYSTEMS, UNLESS IT HAS BEEN DEMONSTRATED THAT SUCH COMPOUNDS WILL NOT PREVENT BOND.
- DO NOT PERMIT CONCRETE NOT FULLY CURED TO BE EXPOSED TO EXCESSIVE TEMPERATURE CHANGES OR HIGH WINDS.
- POUR ALL GROUND SLABS ON 10 MIL MINIMUM VAPOR RETARDER IN COMPLIANCE WITH ASTM E1745, LAPPED 6" MINIMUM AND FULLY TAPED.
- EQUIPMENT MADE OF ALUMINUM OR ALUMINUM ALLOYS, SHALL NOT BE USED FOR PUMP LINES, TREMIES, OR CHUTES OTHER THAN SHORT CHUTES SUCH AS THOSE USED TO CONVEY CONCRETE FROM A TRUCK MIXER.
- THE CODE PROHIBITS THE USE OF ALUMINUM (CONDUIT, PIPES, ETC.) IN STRUCTURAL CONCRETE UNLESS IT IS EFFECTIVELY COATED OR COVERED.

- REINFORCING MATERIALS
 A. DEFORMED BARS - ASTM A615, GRADE 60
 B. SMOOTH DOWELS - ASTM A615, PLAIN BARS, MINIMUM YIELD STRENGTH OF 60,000 PSI.
 C. CORROSION RESISTANT UNCOATED STEEL (MMFX-2) - ASTM A615, GRADE 75 AND ASTM A1035 LOW-CARBON (8% MINIMUM) CHROMIUM BY MIX OR EQUAL.
 D. WELDED WIRE FABRIC - ASTM A1028, PLAIN WIRE FABRIC IN FLAT SHEETS ONLY.
 E. ACCESSORIES TO CONFORM TO ACI 315.
 F. WHERE CONCRETE SURFACES ARE EXPOSED, MAKE THOSE PORTIONS OF ALL ACCESSORIES IN CONTACT WITH THE CONCRETE SURFACE OR WITHIN 1/2 INCH THEREOF, OF PLASTIC OR STAINLESS STEEL.
- PROVIDE THE FOLLOWING MINIMUM CONCRETE STRENGTHS AT 28 DAYS:
 A. FOOTINGS, SLAB-ON-GRADE-----3000 PSI
 B. SLABS-----4000 PSI
 C. COLUMNS, WALLS-----3000 PSI
- CONCRETE MUST BE BATCHED, MIXED AND TRANSPORTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR READY-MIXED CONCRETE ASTM C94.
- REQUIRED SLUMP = 4 PLUS OR MINUS ONE INCH.
- CONCRETE MUST BE PLACED WITHIN 90 MINUTES OF BATCH TIME, WHEN AIR TEMPERATURE IS BETWEEN 85 AND 90 DEGREES F, REDUCE MIXING AND DELIVERY TIME TO 75 MINUTES. WHEN AIR TEMPERATURE IS HIGHER THAN 90 DEGREES F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES.
- DO NOT ADD WATER AT THE JOB SITE WITHOUT APPROVAL OF THE PROJECT SUPERINTENDENT. DO NOT EXCEED THE SLUMP LIMITATION. USE ONLY COLD WATER FROM THE TRUCK TANK. ANY ADDED WATER MUST BE INDICATED ON THE DELIVERY TICKET PLUS THE NAME OF THE PERSON AUTHORIZING. TEST CYLINDERS SHALL BE TAKEN AFTER THE ADDITION OF WATER.
- LAP SLICE REINFORCING PER CONCRETE LAP SCHEDULE MINIMUM UNLESS OTHERWISE SHOWN OR NOTED.
- PROVIDE CORNER BARS AT ALL WALL FOOTING, WALL AND BEAM CORNERS. SIZE AND NUMBER TO MATCH HORIZONTAL BARS.
- PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND NUMBER OF VERTICAL BARS. EMBED DOWELS TO:
 A. 3" ABOVE BOTTOM OF FOOTINGS
- REINFORCEMENT SHALL BE FASTENED AND SECURED TOGETHER TO PREVENT DISPLACEMENT BY CONSTRUCTION LOADS OR THE PLACING OF CONCRETE.
- REINFORCING BAR COVER
 A. FOOTINGS 2" (TOP), 3" (SIDES AND BOTTOM)
 B. COLUMNS AND BEAMS 1-1/2"
 C. SLABS 3/4" (INTERIOR), 1-1/2" (EXTERIOR)
- WHERE BAR LENGTHS ARE GIVEN ON THE DRAWINGS, LENGTH OF HOOK, IF REQUIRED, IS NOT INCLUDED.
- SELECT PROPORTIONS IN ACCORDANCE WITH ACI 301 TO PROVIDE CONCRETE CAPABLE OF BEING PLACED WITHOUT EXCESSIVE SEGREGATION AND WITH ACCEPTABLE FINISHING PROPERTIES, DURABILITY, SURFACE HARDENERS, APPEARANCE, AND STRENGTH REQUIREMENTS REQUIRED BY THESE SPECIFICATIONS.
- CHAIR WELDED WIRE FABRIC REINFORCING AT 3'-0" ON CENTER MAXIMUM IN EACH DIRECTION.
- MAXIMUM WATER TO CEMENT RATIO WHEN NO BACK-UP DATA IS AVAILABLE:
 A. 5000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.40 MAX.
 B. 4000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.44 MAXIMUM.
 C. 3000 PSI, 28-DAY COMPRESSIVE STRENGTH, W/C RATIO, 0.58 MAXIMUM.
- DATA TO BE SUBMITTED:
 A. INTENDED USAGE AND LOCATION FOR EACH TYPE OF CONCRETE
 B. MIX DESIGN FOR EACH TYPE OF CONCRETE
 C. CEMENT CONTENT IN POUNDS PER CUBIC YARD
 D. COARSE AND FINE AGGREGATE IN POUNDS/CUBIC YARD
 E. WATER CEMENT RATIO BY WEIGHT
 F. CEMENT TYPE AND MANUFACTURER
 G. SLUMP RANGE
 H. AIR CONTENT
 I. ADMIXTURE TYPE AND MANUFACTURER
 J. PERCENT ADMIXTURE BY WEIGHT
 K. STRENGTH TEST DATA REQUIRED TO ESTABLISH MIX DESIGN.
 L. COMPLETE DETAIL AND PLACING SHOP DRAWINGS FOR ALL REINFORCING STEEL INCLUDING ACCESSORIES THAT HAVE BEEN REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR. INCLUDE ALL REQUIRED DIMENSIONS AND ELEVATIONS (IE, TOP OF CONCRETE)

- TESTING
 A. A QUALIFIED TESTING LAB SHALL BE RETAINED TO PERFORM QUALITY CONTROL WORK AND ON-SITE TESTING.
 B. SLUMP TEST - ASTM 143
 C. MOLD AND CURE TEST CYLINDERS (ASTM C-31) AND TEST CYLINDERS FOR STRENGTH (ASTM C39). TAKE ONE TEST - THREE CYLINDERS FOR EACH DAYS POUR OF 100 CUBIC YARDS, OR FRACTION THEREOF. TEST ONE CYLINDER AT 7 DAYS, TWO AT 28 DAYS. TEST CYLINDER SAMPLES SHALL BE TAKEN AT THE POINT OF DISCHARGE WHEN USING A PUMP.
 D. ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO THE OWNER, ENGINEER, ARCHITECT AND GENERAL CONTRACTOR.
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- REPAIR ANY CRACKS OR DEFECTIVE AREAS THAT WILL RESTORE THE AFFECTED SURFACE OR AREAS TO THEIR FULL DESIGN STRENGTH AND APPEARANCE. CONTACT THE STRUCTURAL ENGINEER FOR ADVICE AND EVALUATION.
- ACCEPTANCE OF THE STRUCTURE WILL BE MADE IN CONFORMANCE WITH ACI 301.
- ALL CAST-IN-PLACE CONCRE



4/22/2022 BID/PERMIT SET

| ULTIMATE MAIN ROOF (PSF) | | | | | | | | |
|-----------------------------------|-----------|---------|----------|---------|----------|---------|----------|---------|
| EFFECTIVE AREA (ft ²) | ROOF ZONE | | | | | | | |
| | ZONE 1' | | ZONE 1 | | ZONE 2 | | ZONE 3 | |
| | PRESSURE | SUCTION | PRESSURE | SUCTION | PRESSURE | SUCTION | PRESSURE | SUCTION |
| 1 TO 10 | 28.5 | -64.2 | 28.5 | -112.0 | 70.1 | -147.0 | 70.1 | -147.0 |
| 100 TO 499 | 22.6 | -42.8 | 22.6 | -65.8 | 59.6 | -94.5 | 59.6 | -94.5 |
| 500 + ABOVE | 22.6 | -34.5 | 22.6 | -70.1 | 52.3 | -93.9 | 52.3 | -93.9 |

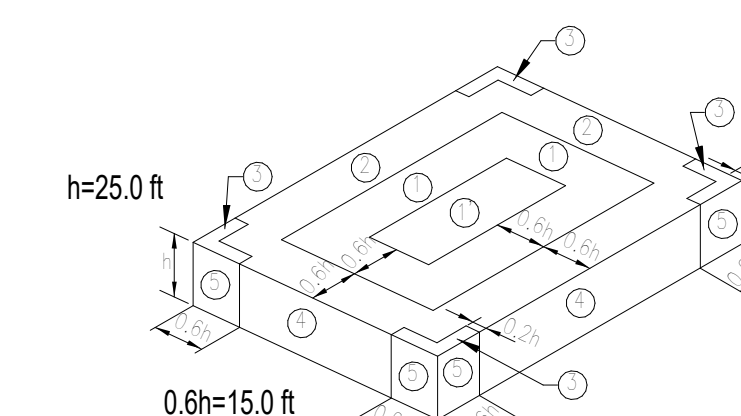
NOTE: USE LINEAR INTERPOLATION FOR EFFECTIVE AREAS BETWEEN 11 & 99 SQ.FT PER ASCE7-FIGURE 30.3-2A

SEE ASCE7-FIGURE 30.3-2A NOTE 5 FOR ZONE 2 & ZONE 3 PRESSURES

| NOMINAL MAIN ROOF (PSF) | | | | | | | | |
|-----------------------------------|-----------|---------|----------|---------|----------|---------|----------|---------|
| EFFECTIVE AREA (ft ²) | ROOF ZONE | | | | | | | |
| | ZONE 1' | | ZONE 1 | | ZONE 2 | | ZONE 3 | |
| | PRESSURE | SUCTION | PRESSURE | SUCTION | PRESSURE | SUCTION | PRESSURE | SUCTION |
| 1 TO 10 | 17.1 | -38.5 | 17.1 | -67.2 | 42.1 | -88.2 | 42.1 | -88.2 |
| 100 TO 499 | 13.6 | -25.7 | 13.6 | -39.5 | 35.8 | -56.7 | 35.8 | -56.7 |
| 500 + ABOVE | 13.6 | -20.7 | 13.6 | -42.1 | 31.4 | -56.3 | 31.4 | -56.3 |

NOTE: USE LINEAR INTERPOLATION FOR EFFECTIVE AREAS BETWEEN 11 & 99 SQ.FT PER ASCE7-FIGURE 30.3-2A

| ULTIMATE WIND PRESSURES (PSF) EXTERIOR DOORS, WINDOWS, WALLS | | | | |
|---|----------|---------|----------|---------|
| EFFECTIVE AREA (ft ²) | ZONE 4 | | ZONE 5 | |
| | PRESSURE | SUCTION | PRESSURE | SUCTION |
| 1 TO 20 | 64.2 | -69.5 | 64.2 | -85.6 |
| 21 TO 50 | 63.8 | -69.1 | 63.8 | -84.8 |
| 51 TO 100 | 57.6 | -62.9 | 57.6 | -72.4 |
| 101 TO 150 | 54.7 | -60.1 | 54.7 | -66.7 |
| 151 TO 250 | 53.1 | -58.4 | 53.1 | -63.3 |
| 251 TO 500 | 51.0 | -56.3 | 51.0 | -59.2 |
| 501 + ABOVE | 48.1 | -53.5 | 48.1 | -32.1 |



DOORS, WINDOWS AND WALLS

DOORS, WINDOWS AND WALLS

| NOMINAL WIND PRESSURES (PSF) EXTERIOR DOORS, WINDOWS, WALLS | | | | |
|--|----------|---------|----------|---------|
| EFFECTIVE AREA (ft ²) | ZONE 4 | | ZONE 5 | |
| | PRESSURE | SUCTION | PRESSURE | SUCTION |
| 1 TO 20 | 38.5 | -41.7 | 38.5 | -51.4 |
| 21 TO 50 | 38.3 | -41.5 | 38.3 | -50.9 |
| 51 TO 100 | 34.6 | -37.7 | 34.6 | -43.4 |
| 101 TO 150 | 32.8 | -36.1 | 32.8 | -40.0 |
| 151 TO 250 | 31.9 | -35.0 | 31.9 | -38.0 |
| 251 TO 500 | 30.6 | -33.8 | 30.6 | -35.5 |
| 501 + ABOVE | 28.9 | -32.1 | 28.9 | -19.3 |

- THIS BUILDING IS DESIGNED AS A PARTIALLY ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE TABLES. IN ADDITION, ALL AREAS OF EXTERIOR GLAZING MUST BE CERTIFIED FOR MISSILE IMPACT OR PROTECTED BY WIND-BORNE DEBRIS BY A SCREEN BARRIER.

| VERTICAL REINFORCEMENT BAR LAP SCHEDULE | | | | |
|---|-----------------|-----------------------|-----------|-----------|
| BAR SIZE | COMPRESSION LAP | CLASS "B" TENSION LAP | | |
| | | 3,000 PSI | 4,000 PSI | 5,000 PSI |
| # 5 | 25" | 36" | 31" | 28" |
| # 6 | 30" | 43" | 37" | 33" |
| # 7 | 35" | 63" | 54" | 49" |
| # 8 | 40" | 72" | 62" | 55" |
| # 9 | 44" | 81" | 70" | 63" |
| # 10 | 50" | 91" | 79" | 70" |

BASED ON NORMAL WEIGHT CONCRETE & GRADE 60 REINFORCING BARS

| MASONRY REINF. LAP SCHEDULE | |
|-----------------------------|------------|
| BAR SIZE | LAP LENGTH |
| #3 BAR | 18" |
| #4 BAR | 24" |
| #5 BAR | 30" |
| #6 BAR | 36" |
| #7 BAR | 42" |

NOTE:
 1. LAPS BASED ON 48 BAR DIAMETERS
 2. BAR STRESSES DO NOT EXCEED 80%

| CONCRETE SPLICE SCHEDULE | | | | |
|--------------------------|------------|-------------------|-----------|-----------|
| BAR SIZE | LOCATION | CONCRETE STRENGTH | | |
| | | 3,000 PSI | 4,000 PSI | 5,000 PSI |
| # 4 | TOP BARS | 37" | 32" | 29" |
| | OTHER BARS | 29" | 25" | 22" |
| # 5 | TOP BARS | 47" | 40" | 36" |
| | OTHER BARS | 36" | 31" | 28" |
| # 6 | TOP BARS | 56" | 48" | 43" |
| | OTHER BARS | 43" | 37" | 33" |
| # 7 | TOP BARS | 81" | 70" | 63" |
| | OTHER BARS | 63" | 54" | 49" |
| # 8 | TOP BARS | 93" | 80" | 72" |
| | OTHER BARS | 72" | 62" | 55" |

BASED ON NORMAL WEIGHT CONCRETE & GRADE 60 REINFORCING BARS



ISSUED FOR :
 DRC
 BIDS
 PERMIT
 CONSTRUCTION
 SEAL

PROJECT TITLE
**TRINITY
 PASSAGEWAY**

400 N SWINTON AVE,
 DELRAY BEACH, FL 33444

| REVISIONS | | |
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| NUM. | DESCRIPTION | DATE |
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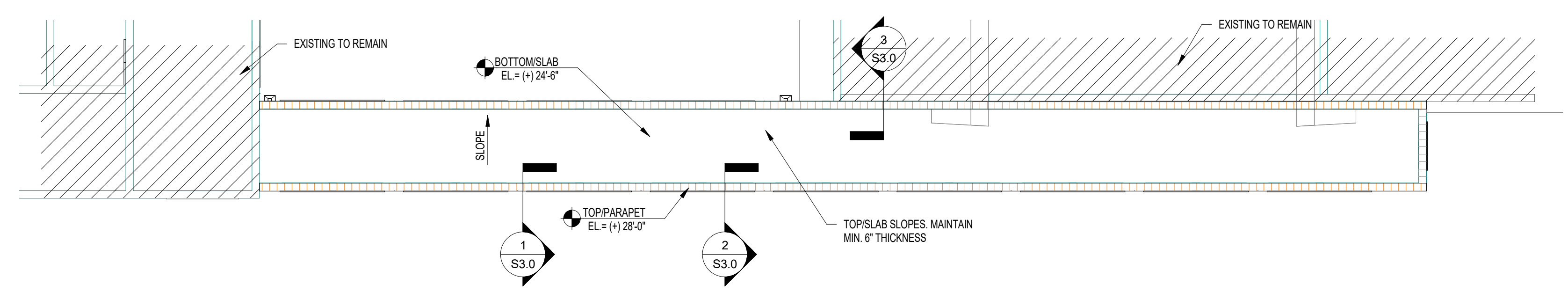
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**STRUCTURAL
 PLANS**

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 NM
 JOB NUMBER
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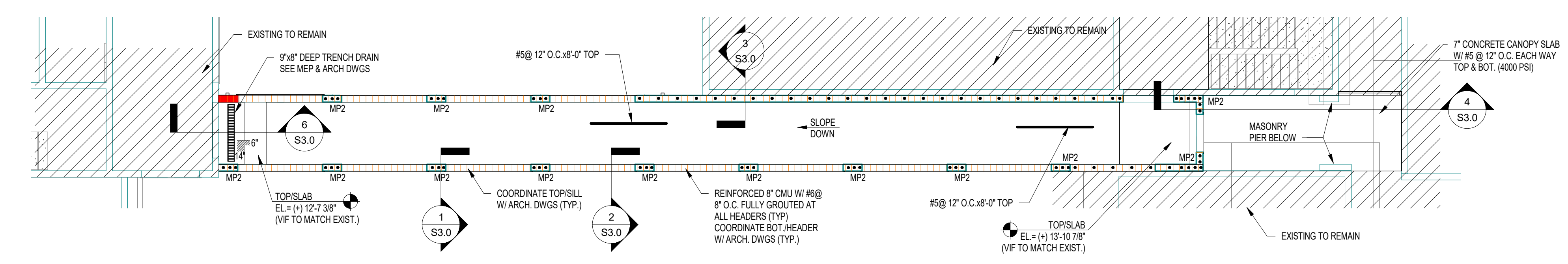
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- ROOF FRAMING PLAN NOTES:**
- ROOF SLAB TO BE MIN. 6" THICK, $f_c = 4000$ PSI CONCRETE, ONE WAY SLAB, TYP. U.N.O. SEE NOTE #3 AND PLAN FOR SLAB REINFORCING.
 - BOTTOM OF ROOF SLAB ELEVATION = 24'-6" (TOPSLAB SLOPES)
 - TEMPERATURE REINFORCING= #4 @ 16" O.C. PLACED PERPENDICULAR & ON TOP OF BOTTOM LAYER. BOTTOM STEEL TO BE #4 @ 12" O.C. PERPENDICULAR TO COLUMNS/ WALLS, TYP. U.N.O. TOP STEEL = #4 @ 12" O.C. x 2'-6" OVER WALLS W/ STD HOOK. TYP. U.N.O.
 - TOP STEEL = _____
 BOTTOM STEEL = - - - - -
 - SEE ARCH. DWGS. TO LOCATE SCUPPER OPENINGS.
 - SEE ARCH. DWGS. FOR DIMENSIONS NOT SHOWN
 - COORDINATE SIZE AND LOCATION OF ALL SLAB OPENINGS W/ ARCH. DWGS.
 - PROVIDE 8" DEEP PRECAST REINFORCED LINTELS OVER ALL MASONRY OPENINGS. MIN. END BEARING = 4". PROVIDE (1) #5 HORIZ. IN 8" LINTEL. FILL W/ GROUT.
 - SEE ARCH. DWGS. FOR ALL FLASHING, CAULKING & WATER PROOFING.

- FLOOR FRAMING PLAN NOTES:**
- FLOOR SLAB TO BE MIN. 6" THICK, $f_c = 4000$ PSI CONCRETE, ONE WAY SLAB, TYP. U.N.O. SEE NOTE #3 AND PLAN FOR SLAB REINFORCING.
 - TOP OF 2nd FLOOR SLAB ELEVATION = VARIES
 - TEMPERATURE REINFORCING= #4 @ 12" O.C. PLACED PERPENDICULAR & ON TOP OF BOTTOM LAYER. BOTTOM STEEL TO BE #4 @ 12" O.C. PERPENDICULAR TO COLUMNS/ WALLS, TYP. U.N.O. TOP STEEL = #4 @ 12" O.C. x 2'-6" OVER WALLS W/ STD HOOK. TYP. U.N.O.
 - TOP STEEL = _____
 BOTTOM STEEL = - - - - -
 - INDICATES 8" NOMINAL MASONRY WALLS REINFORCED W/ #6V. @ 24" O.C. IN FULLY GROUTED CELLS & AT ALL WALL INTERSECTIONS, SIDES OF OPENINGS AND AT CORNERS U.N.O. EXTEND BARS INTO PARAPET ABOVE. PROVIDE 9 GA. HORIZ. JOINT REINFORCING @ 16" O.C.
 - SEE ARCH. DWGS. TO LOCATE SCUPPER OPENINGS.
 - SEE ARCH. DWGS. FOR DIMENSIONS NOT SHOWN
 - COORDINATE SIZE AND LOCATION OF ALL SLAB OPENINGS W/ ARCH. DWGS.
 - PROVIDE 8" DEEP PRECAST REINFORCED LINTELS OVER ALL MASONRY OPENINGS. MIN. END BEARING = 4". PROVIDE (1) #5 HORIZ. IN 8" LINTEL. FILL W/ GROUT.
 - STEP CMU HEADER IN 8" INCREMENTS @ 2nd FLOOR WHERE SLAB SLOPES.
 - SEE ARCH. DWGS. FOR ALL FLASHING, CAULKING & WATER PROOFING.



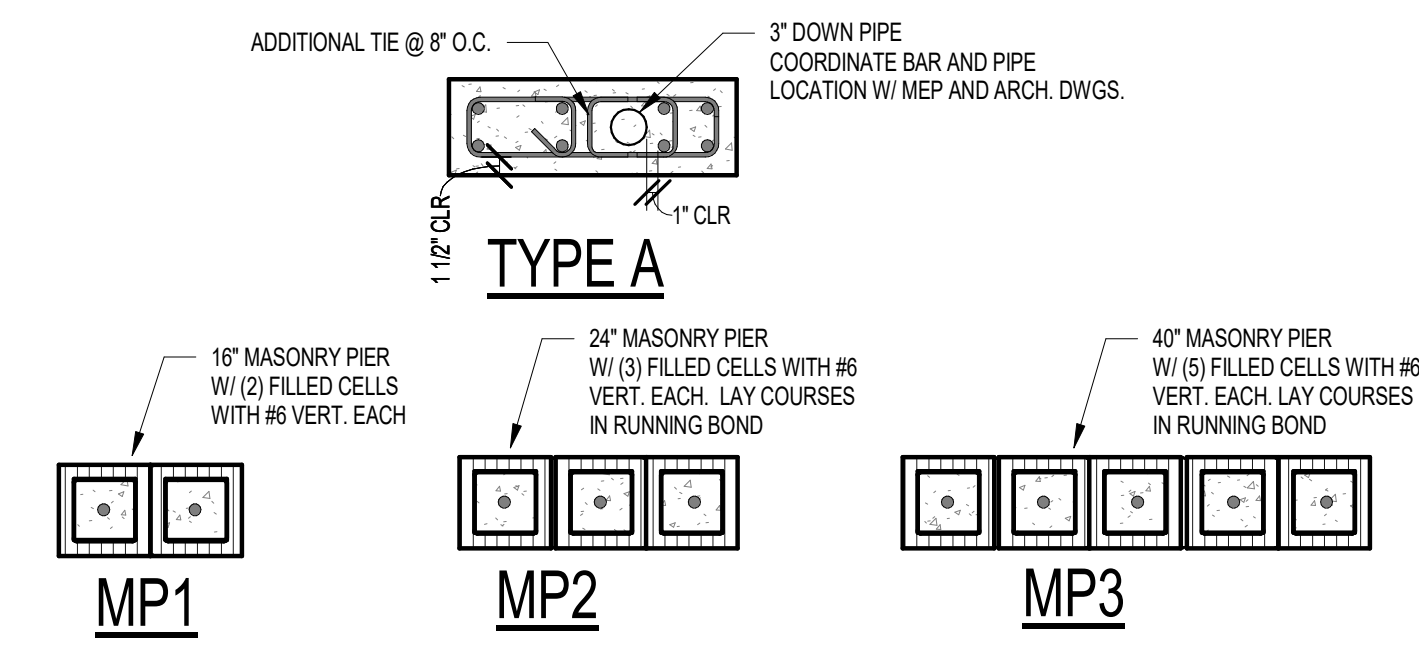
3 ROOF FRAMING PLAN
 1/8" = 1'-0"



2 FLOOR FRAMING PLAN
 1/8" = 1'-0"

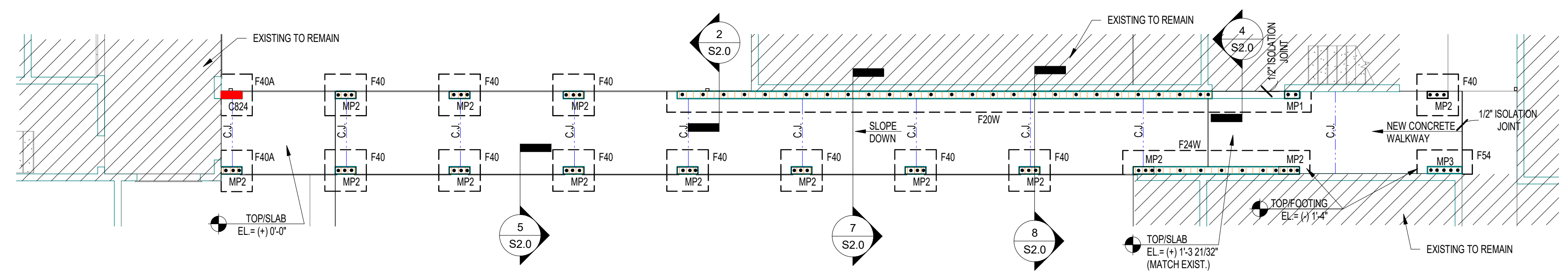
| COLUMN SCHEDULE | DIMENSIONS | | REINFORCING | | REINFORCING Tie Size | REINFORCING Tie Spacing | REMARKS |
|-----------------|------------|-------|-------------|------|----------------------|-------------------------|---------|
| | WIDTH | DEPTH | QUANTITY | SIZE | | | |
| | | | | | | | |
| C824 | 6" | 2'-0" | 8 | 6 | 3 | 8" | TYPE A |

| COLUMN FOOTING SCHEDULE | DIMENSIONS | | | REINFORCING | | | | REMARKS | |
|-------------------------|------------|-------|--------|-------------|----------|------|----------|---------|------|
| | MARK | WIDTH | LENGTH | DEPTH | A - BARS | | B - BARS | | |
| | | | | | QUANTITY | SIZE | QUANTITY | | SIZE |
| F40 | 4'-0" | 4'-0" | 1'-0" | 1'-0" | 4 | 5 | 4 | 5 | |
| F40A | 4'-0" | 3'-0" | 1'-0" | 1'-0" | 4 | 5 | 4 | 5 | |
| F54 | 2'-4" | 5'-4" | 1'-0" | 1'-0" | 4 | 5 | 6 | 5 | |



| WALL FOOTING SCHEDULE | DIMENSIONS | | | REINFORCING | | | | NOTES |
|-----------------------|------------|-------|-------|--------------|------|------------|---------|-----------------|
| | MARK | WIDTH | DEPTH | LONGITUDINAL | | TRANSVERSE | | |
| | | | | QUANTITY | SIZE | SIZE | SPACING | |
| F20W | 2'-0" | 1'-0" | 1'-0" | 3 | 5 | 4 | 2'-0" | |
| F24W | 2'-4" | 1'-0" | 1'-0" | 4 | 5 | 6 | 1'-0" | (3) #5 LONG TOP |

- FOUNDATION PLAN NOTES:**
- SLAB-ON-GRADE TO BE 4" THICK, 3000 PSI CONC. REINF. W/ #6 - W1.4W/1.4 W.W.F. U.N.O. ON 10 MIL VAPOR RETARDER, LAP AND TAPE OVER COMPACTED SOIL. REFER TO ARCH. FOR EXTENT OF SLAB. SEE ARCH. SPECIFICATION FOR FINISH REQUIREMENTS.
 - TOP OF SLAB = 0'-0" U.N.O.
 TOP/ EXTERIOR WALL FOOTING = (+) 1'-4" U.N.O. (V.I.F. TO MATCH EXISTING)
 TOP/ EXTERIOR COLUMN FOOTING = (+) 2'-0" U.N.O.
 - CENTER ALL FOOTINGS BELOW WALL/COLUMN U.N.O.
 - ALL FOOTING REINFORCING TO BE BOTTOM BARS U.N.O.
 - INDICATES 8" NOMINAL MASONRY WALLS REINFORCE W/ #6V. @ 24" O.C. IN FULLY GROUTED CELLS & AT ALL WALL INTERSECTIONS, SIDES OF OPENINGS AND AT CORNERS W/ MATCHING DOWELS INTO FOUNDATION. PROVIDE 9 GA. HORIZ. JOINT REINFORCING @ 16" O.C.
 - REFER TO SHEETS S0.1 FOR SPECIFICATIONS.
 - VERIFY ALL DIMENSIONS W/ ARCH. PRIOR TO FABRICATION & CONSTRUCTION. SEE ARCH. DRAWINGS FOR MASONRY OPENING SIZE & LOCATION.
 - VERIFY FOOTING ELEVATIONS W/ CIVIL. MAINTAIN min. 12" SOIL COVER ON TOP OF FOOTING. TYP., REFER TO 4/S2.0
 - CJ = CONTRACTION JOINT SEE 1/ S2.0
 - ALL ARCHITECTURALLY EXPOSED MASONRY SHALL BE CONSTRUCTED WITH SMOOTH, NON-BROKEN, UNCHIPPED BLOCKS WITH FLUSH STRUCK MORTAR JOINTS.
 - SEE S2.0 FOR TYPICAL FOUNDATION DETAILS



1 FOUNDATION PLAN
 1/8" = 1'-0"

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ISSUE FOR :
 DRC
 BIDS
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 CONSTRUCTION
 SEAL

PROJECT TITLE
TRINITY PASSAGEWAY

400 N SWINTON AVE,
 DELRAY BEACH, FL 33444

| NUM. | DESCRIPTION | DATE |
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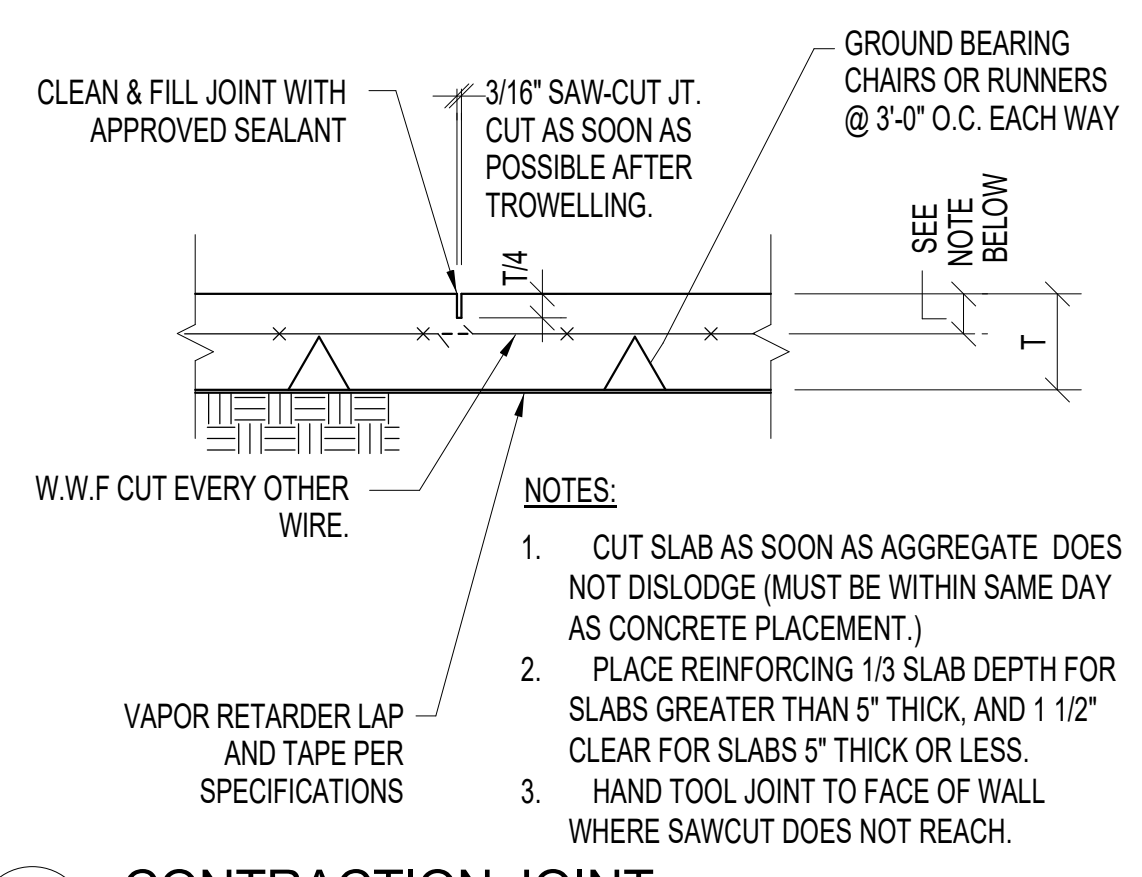
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DATE 4/22/2022 DRAWN BY NM

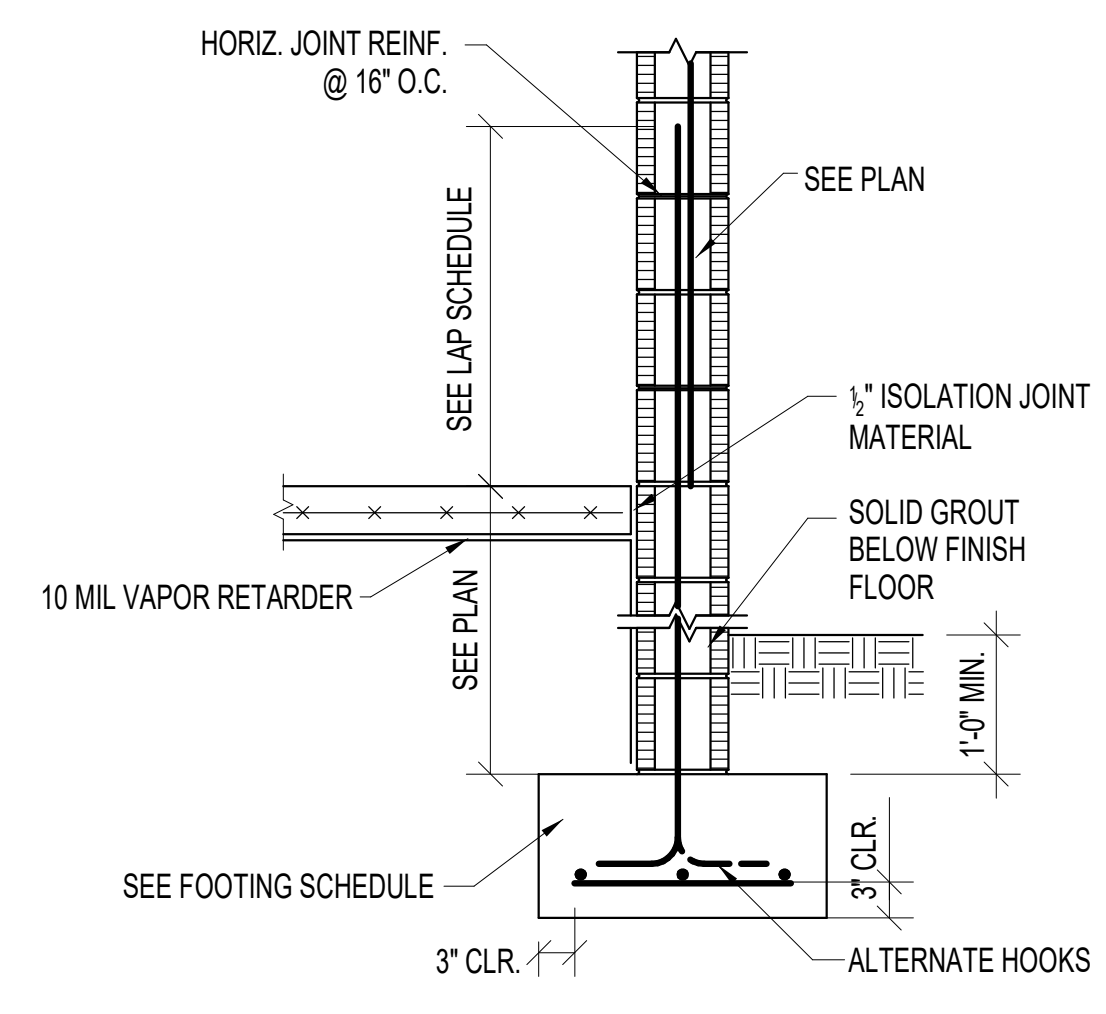
JOB NUMBER 201104

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S2.0

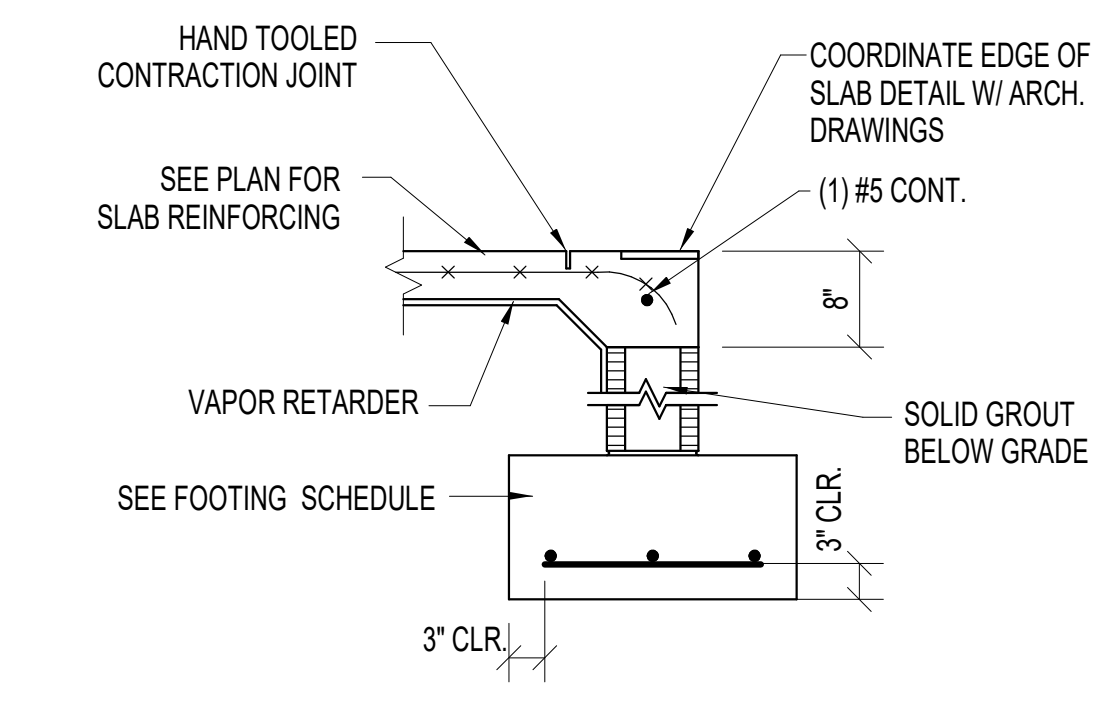


1 CONTRACTION JOINT
 3/4" = 1'-0"

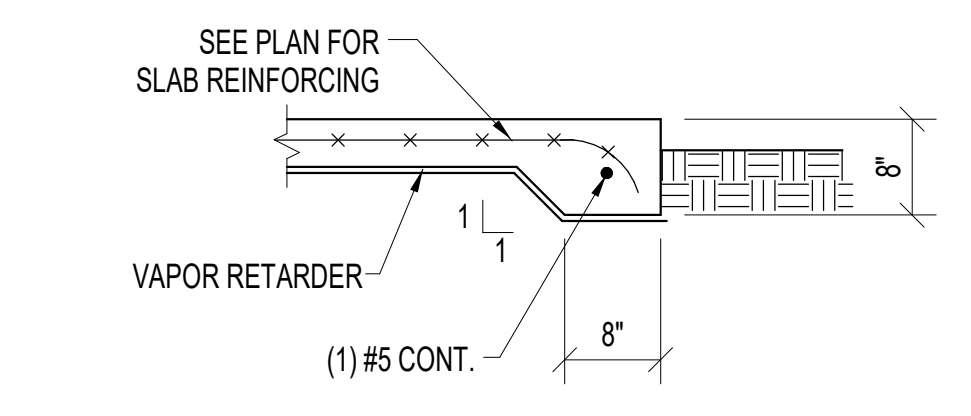


2 WALL FOOTING
 3/4" = 1'-0"

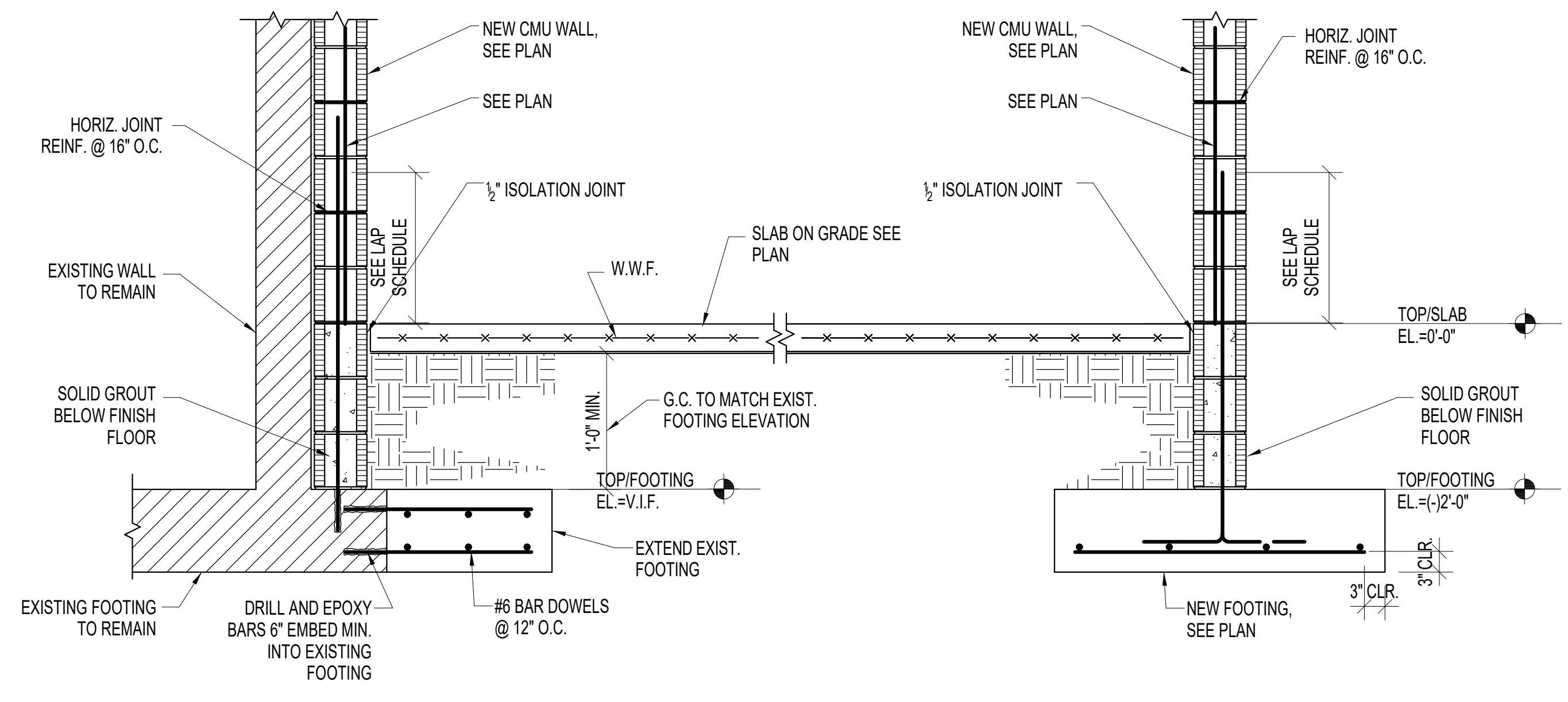
3 NOT USED
 3/4" = 1'-0"



4 SLAB EDGE @ MASONRY OPENING
 3/4" = 1'-0"

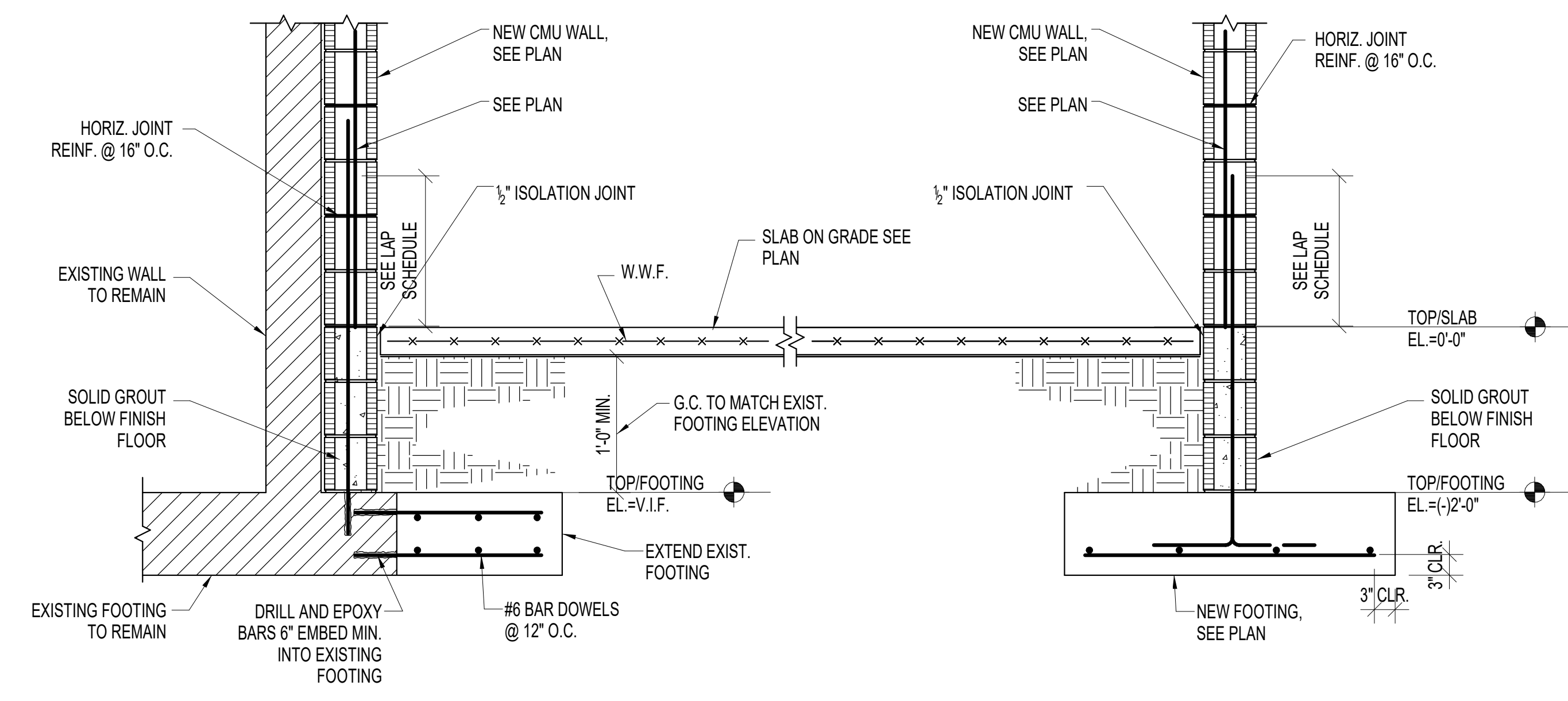


5 THICKENED SLAB EDGE
 3/4" = 1'-0"



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

6 NOT USED
 3/4" = 1'-0"



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

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 CONSTRUCTION
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PROJECT TITLE
TRINITY PASSAGEWAY

400 N SWINTON AVE,
 DELRAY BEACH, FL 33444

| NUM. | DESCRIPTION | DATE |
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FILE NUMBER

DRAWING TITLE

FRAMING DETAILS

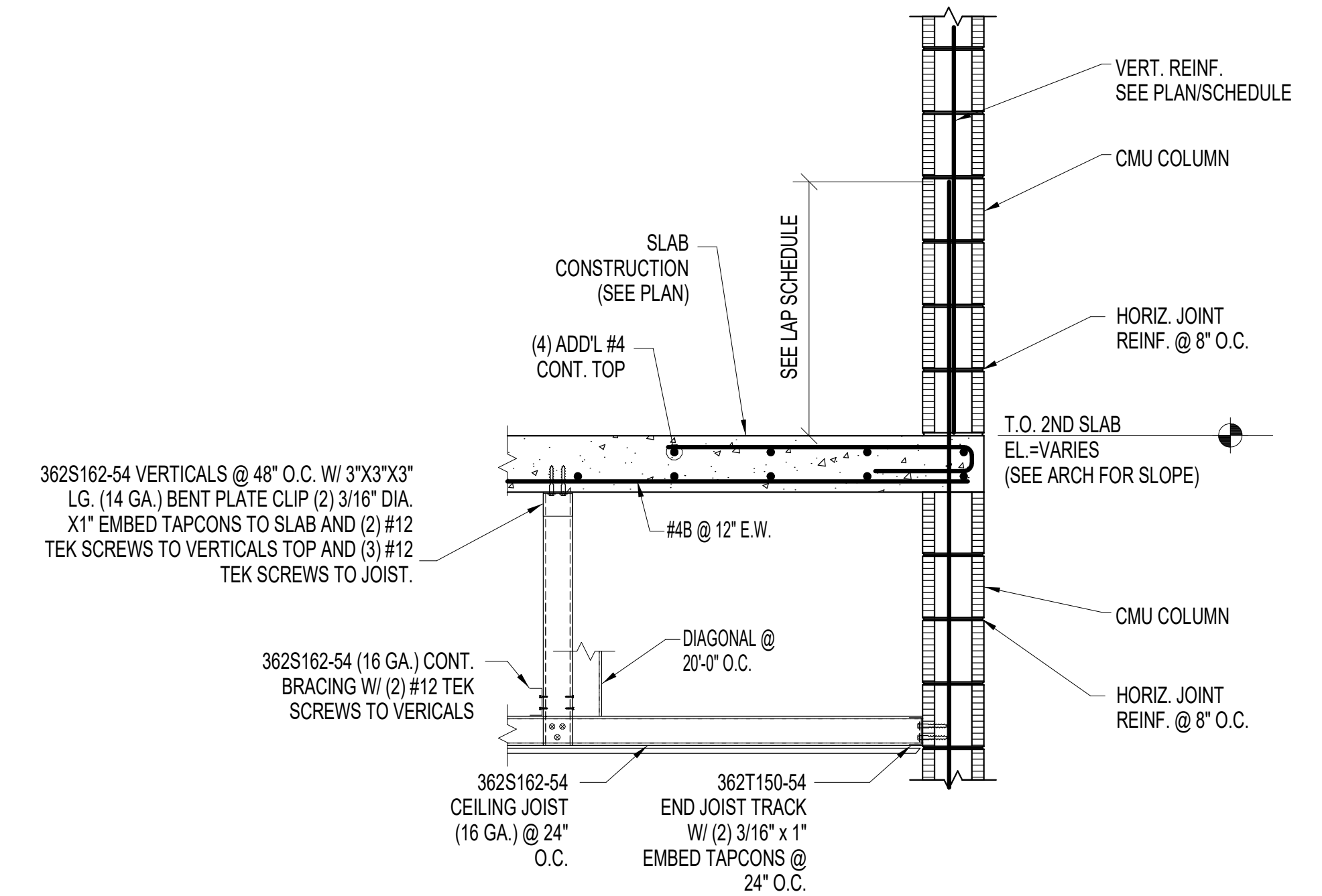
DATE: 4/22/2022 | DRAWN BY: NM

JOB NUMBER: 201104

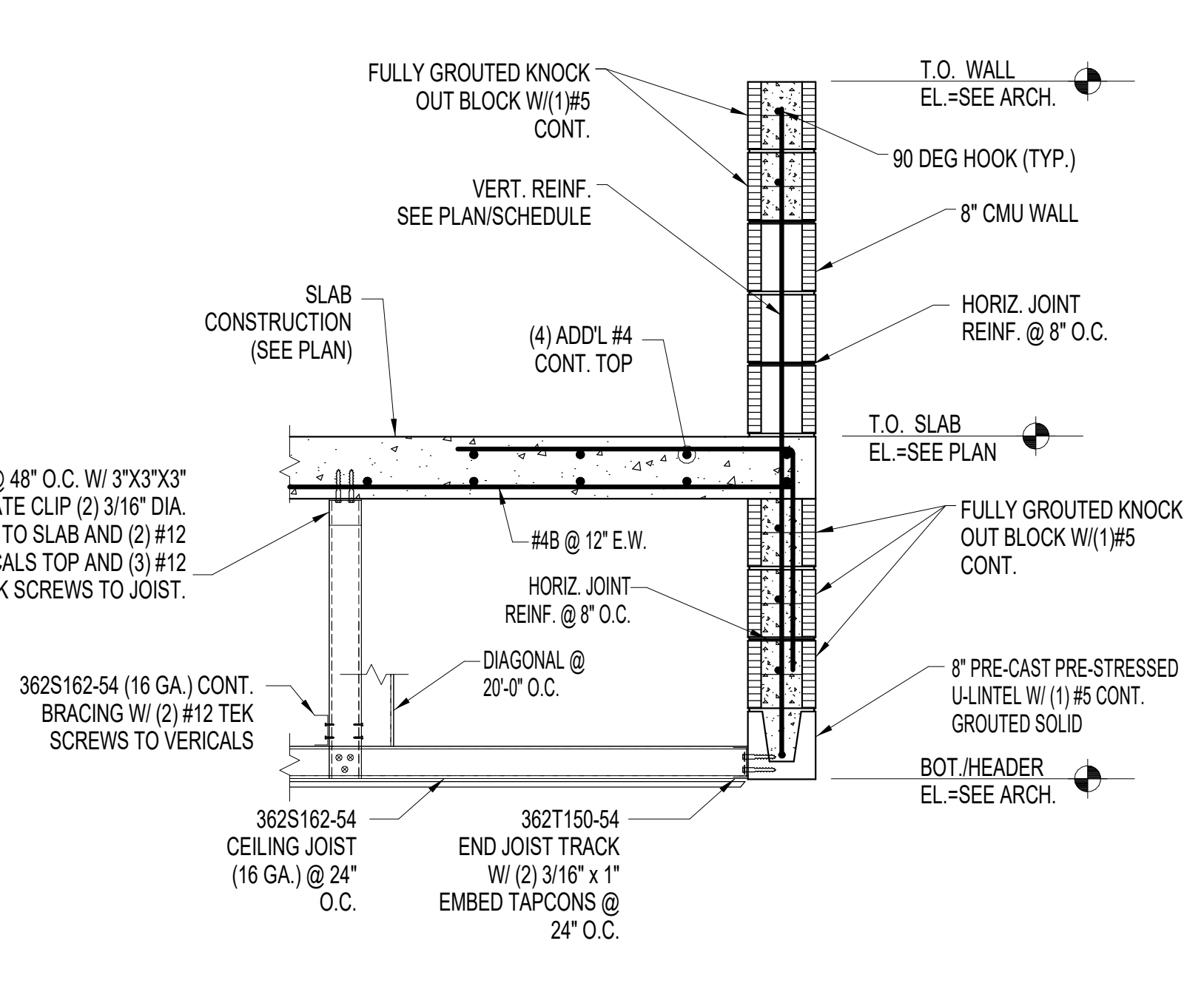
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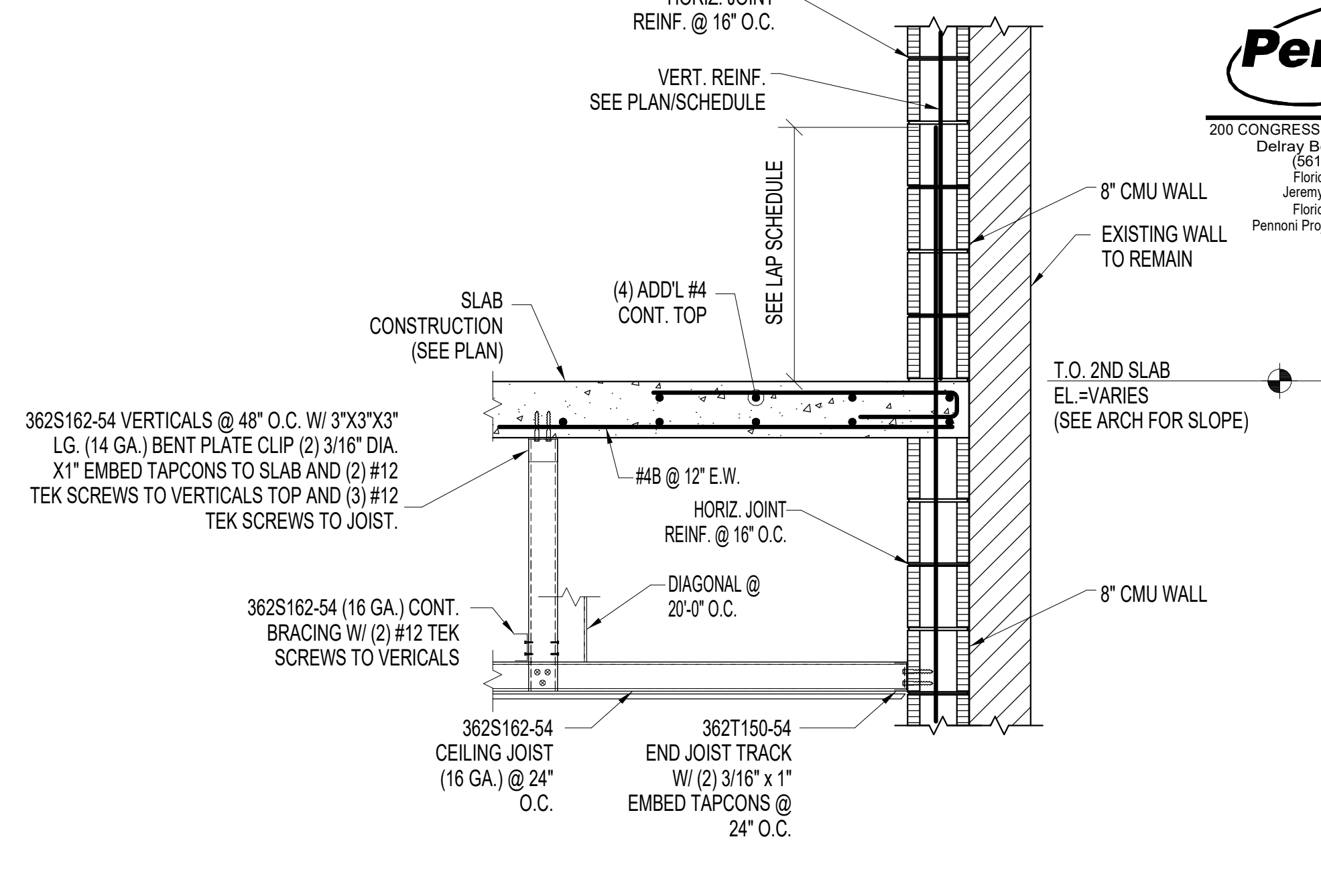
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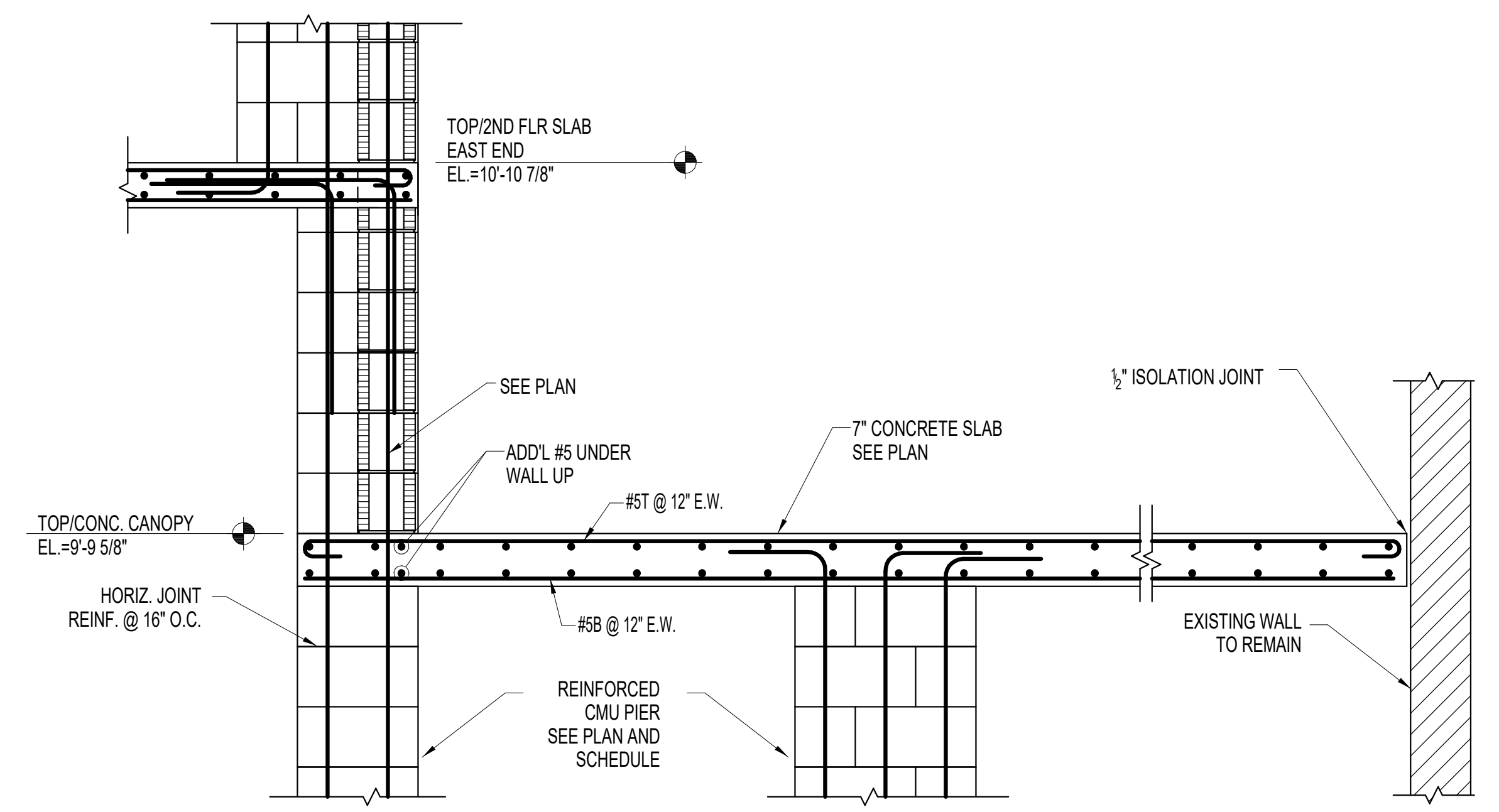
1 CMU COLUMN
 3/4" = 1'-0"



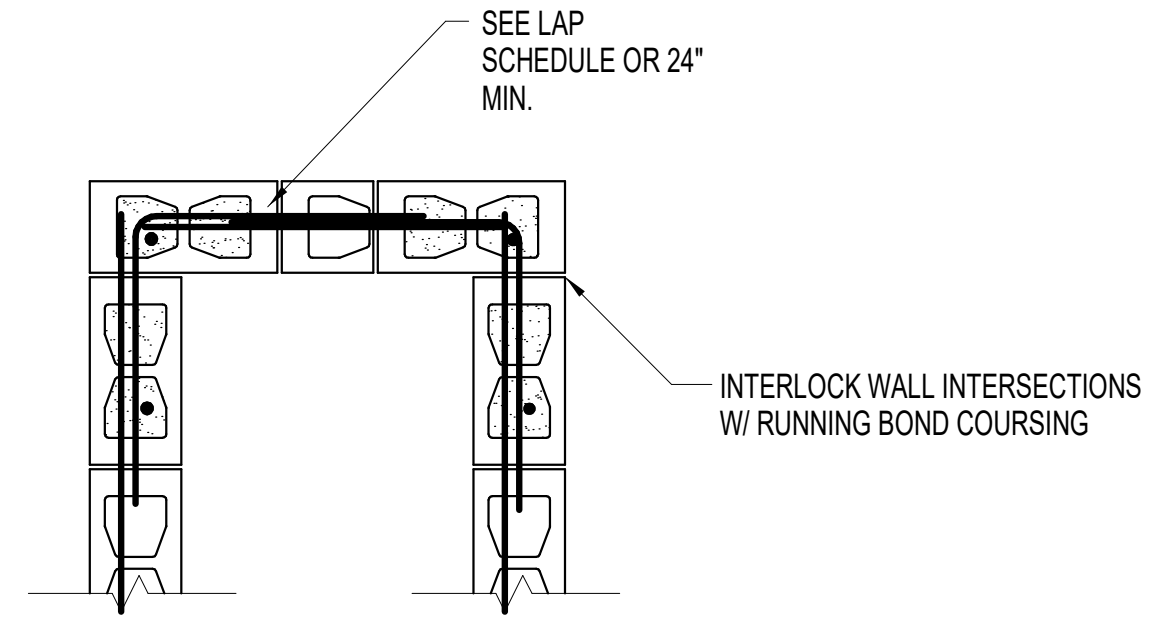
2 CMU WALL AT HEADER BELOW
 3/4" = 1'-0"



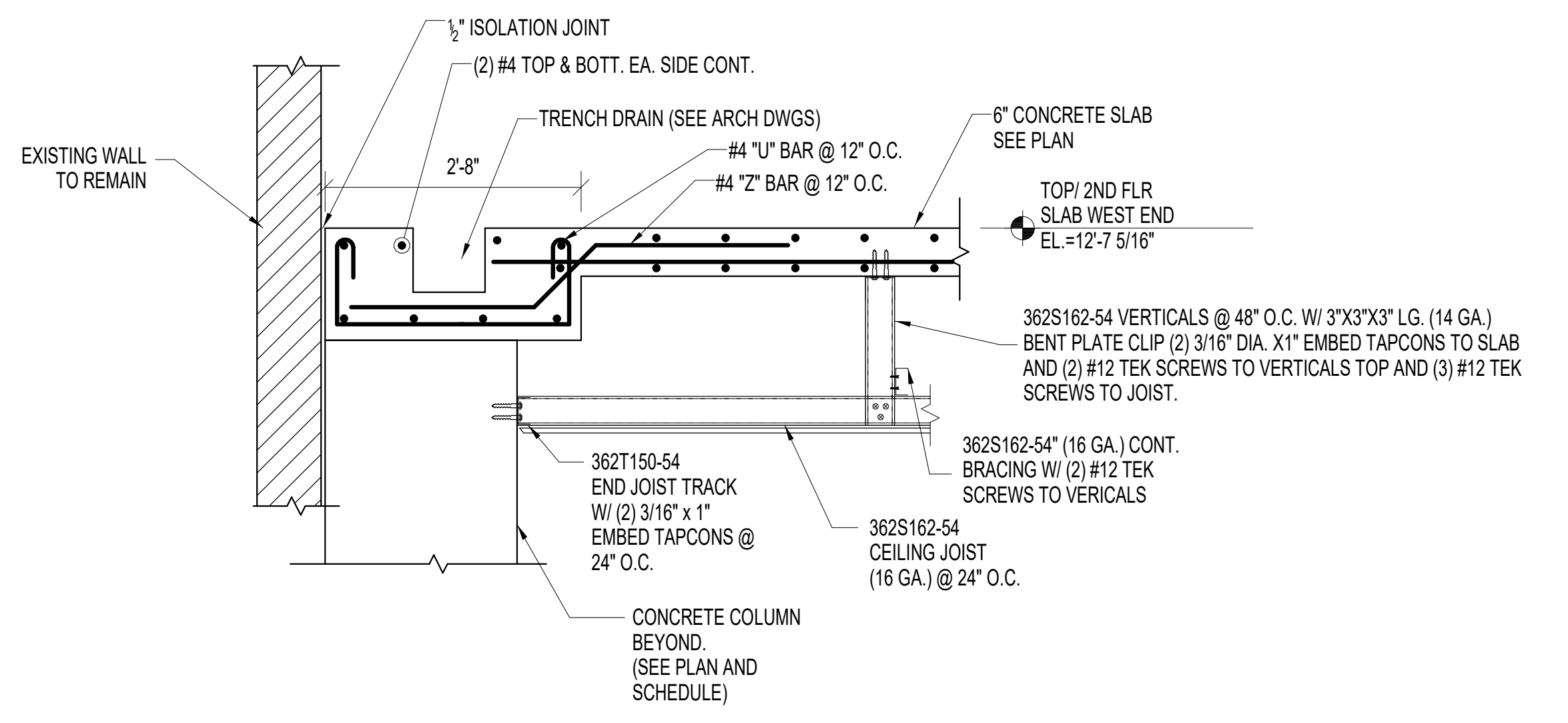
3 EXTERIOR BEARING WALL
 3/4" = 1'-0"



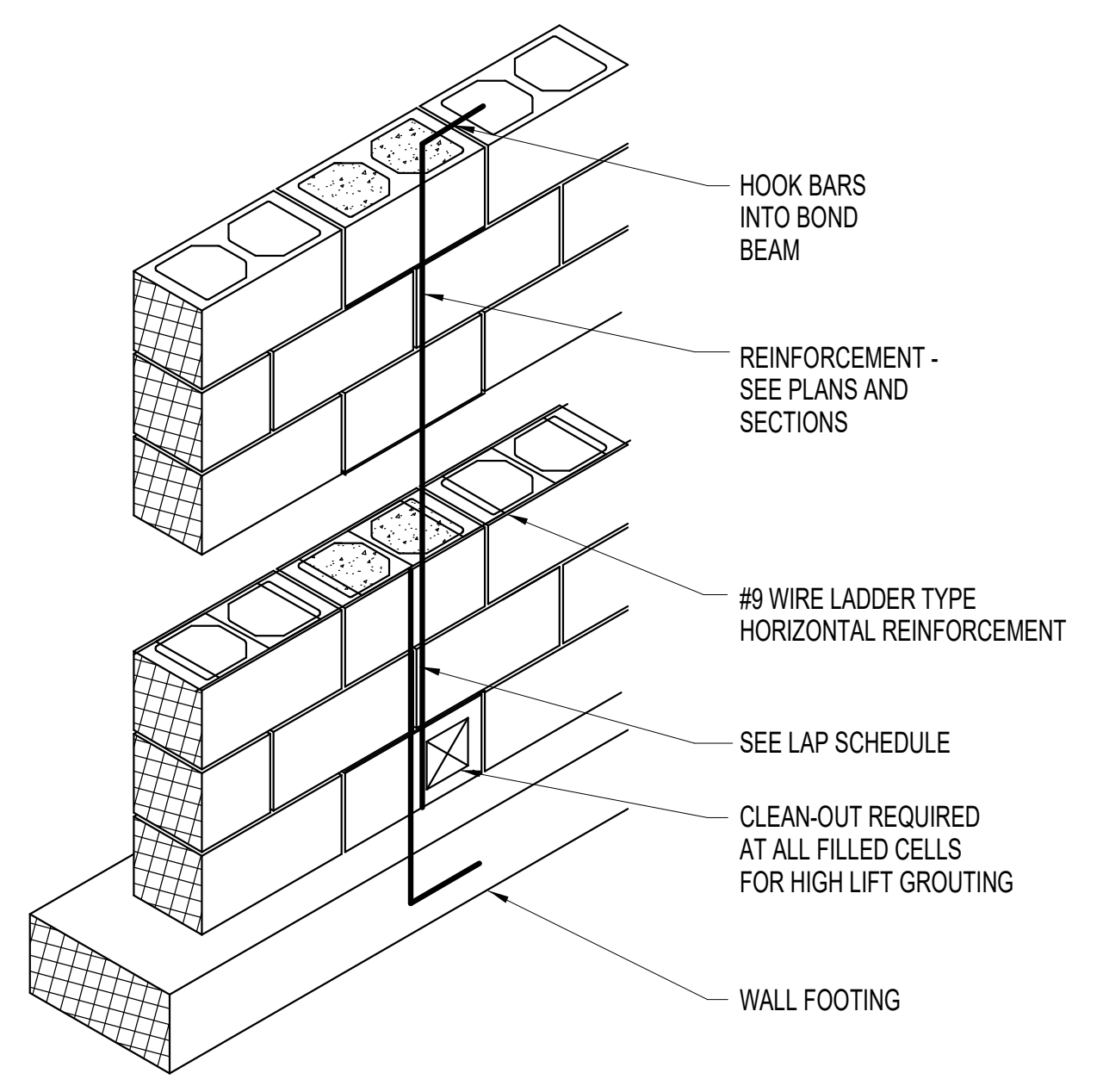
4 CONCRETE CANOPY SECTION
 3/4" = 1'-0"



5 8" MASONRY BOND BEAM CONNECTION
 3/4" = 1'-0"



6 TRENCH DRAIN SECTION
 3/4" = 1'-0"



7 WALL REINFORCING
 3/4" = 1'-0"

LOW LIFT GROUTING PROCEDURE:

- CONSTRUCT WALL TO HEIGHT OF 4'-0" TO 5'-4" MAX. ALLOW MORTAR TO SET SUFFICIENTLY TO WITHSTAND GROUT PRESSURE.
- VERTICAL WALL REINF. BARS TO EXTEND BEYOND HEIGHT OF WALL FOR PROPER LAP.
- INSPECT UNITS FOR ALIGNMENT, CLEAN OUT CELLS TO BE FILLED.
- FILL CELLS TO 5 FOOT MAX. GROUT POUR.
- DELAY 3 TO 5 MINUTES PRIOR TO CONSOLIDATING TO ALLOW WATER TO BE ABSORBED BY MASONRY.

HIGH LIFT GROUTING PROCEDURE:

- CONSTRUCT WALL TO FULL HEIGHT (24 FEET MAX.) WITH PROPER REINFORCING AND ALLOW MASONRY TO CURE AT LEAST 3 DAYS.
- CLEAN CELLS, WHICH ARE TO BE GROUTED THROUGH CLEAN-OUT PORTS.
- PLACE GROUT IN 4 FOOT, 5 FOOT MAX. LIFTS AND CONSOLIDATE AFTER EXCESS MOISTURE HAS BEEN ABSORBED BY MASONRY.
- PLACE THE NEXT LIFT AS SOON AS POSSIBLE BUT NO LONGER THAN ONE HOUR LATER.



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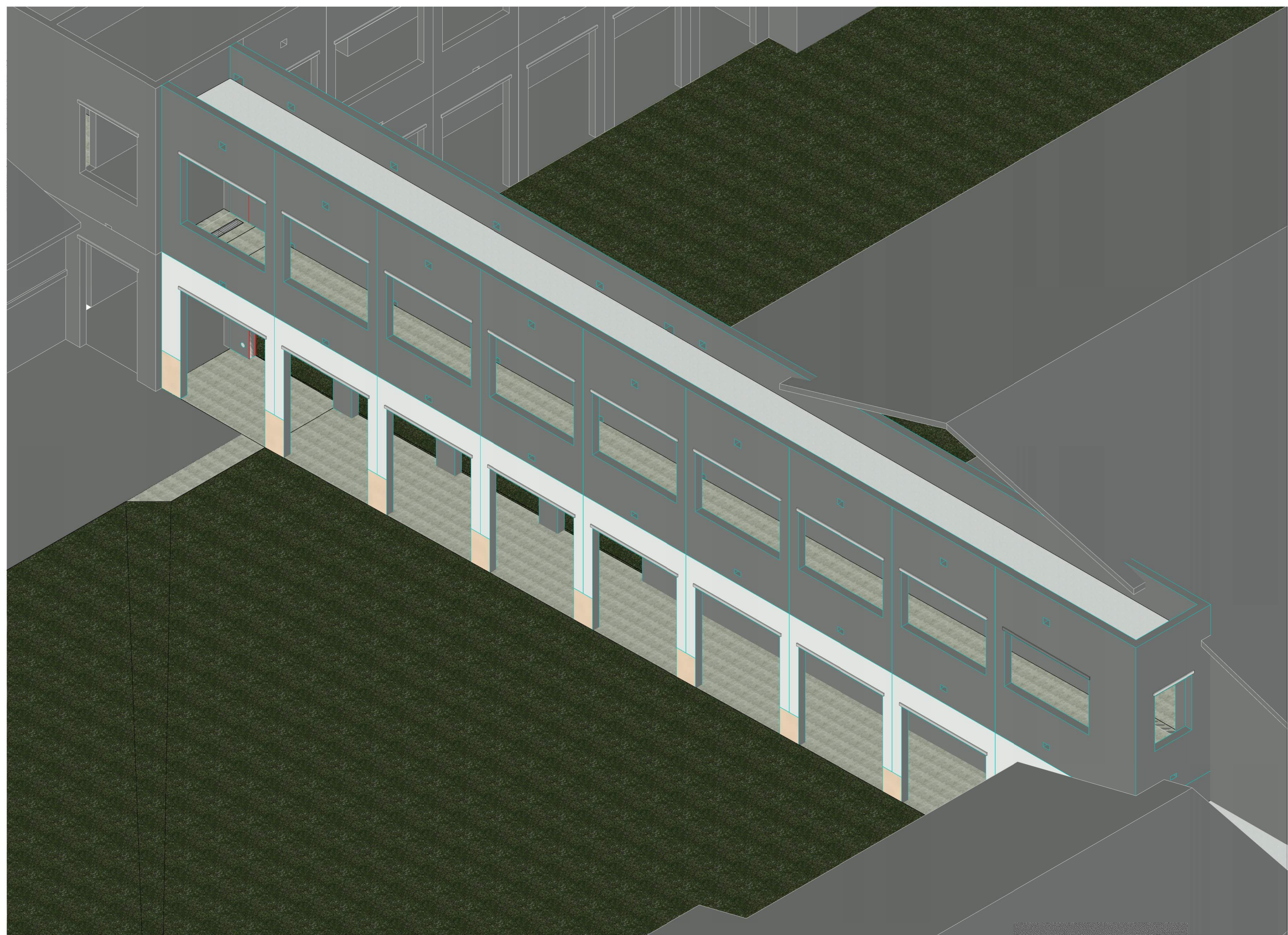
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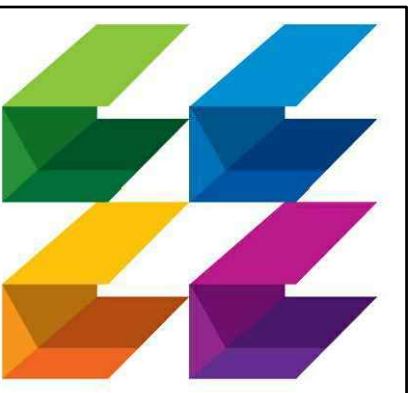
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**ISOMETRIC
 FRAMING**

DATE | DRAWN BY
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 201104
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FILE NUMBER

DRAWING TITLE
**ELECTRICAL
NOTES DETAILS**

DATE
04/22/22
DRAWN BY
AJY

JOB NUMBER
201104/22024

DRAWING NUMBER
E0.1

CONNECTION TO EXISTING PLUMBING SYSTEM NOTES

1. INSTALLATION OF WORK AND NEW CONNECTION TO EXISTING PLUMBING LINES SHALL BE MADE AT THE WHICH WILL NOT INTERFERE OR INTERRUPT THE NORMAL BUILDING OPERATION.
2. EXACT LOCATIONS, SIZE, AND ELEVATION OF EXISTING PIPING SHALL BE FIELD VERIFIED BEFORE START OF ANY WORK. ACTUAL FIELD CONDITIONS MAY REQUIRE ADJUSTMENT OR MODIFICATION TO PROPOSED ROUGHING, LAYOUT, AND ROUTING OF PIPING, INCLUDING POINT OF CONNECTION TO EXISTING WORK OF ADEQUATE SIZE TO ACCOMMODATE NEW WORK.
3. PROVIDE NECESSARY ADJUSTMENT OF NEW INSTALLATION DUE TO INTERFERENCE WITH BUILDING CONDITIONS, INCLUDING WORK OF OTHER TRADES.
4. PIPING MATERIAL, VALVES, PIPE SUPPORTS, PIPE COVERING, ETC. USED IN THE INSTALLATION OF WORK OF THIS CONTRACT SHALL BE NEW AND SHALL MATCH EXISTING, PROVIDING SAME MEETS ALL APPLICABLE BUILDING AND PLUMBING CODES.
5. PROVIDE NEW PLUMBING ROUGHING WITH CONNECTIONS NECESSARY OR REQUIRED FOR PROPER FUNCTION OF PLUMBING EQUIPMENT.
6. EXISTING PIPING SHALL BE MODIFIED AND/OR REMOVED TO POINT THAT WOULD ACCOMMODATE CONNECTION OF NEW (WATER AND WASTE) PLUMBING ROUGHING.
7. ROUTING OF NEW PIPING AND POINT OF CONNECTION TO EXISTING PIPING IS BASED ON ASSUMPTION THAT PIPING IS AT LOCATION SHOWN ON PLAN.
8. PROVIDE NECESSARY TEST TO DETERMINE TIGHTNESS OF EXISTING AND NEW PLUMBING PIPING SYSTEMS. ALL LEAKS AND OPEN OUTLETS FOUND DURING TEST SHALL BE REPAIRED, CAPPED OR PLUGGED, PERFORM ADDITIONAL TEST UNTIL IT IS DETERMINED THAT THE PLUMBING PIPING SYSTEMS IS WATER TIGHT.
9. CAP AND PLUG OF INACTIVE SANITARY PIPING SHALL BE TO POINT OF CONNECTIONS TO ACTIVE LINES. NO DEAD END SHALL BE PROVIDED.
10. ALL OPENINGS, HOLES, ETC. MADE FOR THE REMOVAL OF PLUMBING PIPING, FIXTURES, ETC. SHALL BE PATCHED WITH MATERIAL TO MATCH EXISTING.
11. IF FIELD CONDITION FINDS THAT EXISTING SANITARY, VENT, AND DOMESTIC WATER LINES CAN BE UTILIZED, CONNECT NEW SANITARY, VENT, AND DOMESTIC WATER LINES TO EXISTING. MAKE NECESSARY ADJUSTMENTS TO ACCOMMODATE NEW SANITARY, VENT AND DOMESTIC WATER LINES.

WATER PIPING SYSTEM NOTES

1. WATER PIPING SHALL BE:
COPPER PIPING (ABOVE GRADE): ASTM B88, TYPE L, HARD DRAWN.
FITTINGS: (a) SOLDERED: ANSI/ASME B16.23, CAST BRASS OR ANSI/ASME B16.29, WROUGHT COPPER.
(b) PRESSED: ASME B16.18 OR ASME B16.22, COPPER PRESS FITTING WITH EPDM O-RING AND LEAK DETECTION FEATURE.
JOINTS: (a) SOLDERED: ANSI/ASTM B32, LEAD-FREE SOLDER, GRADE 95TA.
(b) PRESSED: ASME B16.18 OR ASME B16.22, COPPER PRESS FITTING WITH EPDM O-RING AND LEAK DETECTION FEATURE.
FITTINGS AND JOINTS SHALL COMPLY WITH SECTIONS 605.14.1 THROUGH 605.14.4 OF FBC-PLUMBING.
WATER VALVES 2" AND SMALLER SHALL BE A BRONZE BALL VALVE, TWO-PIECE BODY, 600 PSI WORKING PRESSURE, NIBCO MODEL S-585-80-LF (NSF-61 LEAD FREE) OR APPROVED EQUAL. THE USE OF GATE VALVES SHALL BE PROHIBITED.
2. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS WATER AND WHERE REQUIRED BY THE ADMINISTRATIVE AUTHORITY, DISINFECTED PRIOR TO UTILIZATION. THE METHOD TO BE FOLLOWED SHALL BE AS PER SECTION 610 OF FPC-2020.
3. INSTALL VACUUM BREAKERS ON ALL HOSE BIBBS AND HYDRANTS.
4. ALL OUTSIDE HOSE BIBBS SHALL BE INSTALLED 2'-0" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED. HOSE BIBBS ARE LOCATED IN CMU WALL WITH FLUSH SURFACE LOCKABLE WALL BOX HYDRANT WITH DOUBLE-CHECK BACKFLOW PREVENTER.

ELECTRICAL NOTES

1. THE CONTRACTOR SHALL BE FULLY COGNIZANT OF THE LATEST EDITION OF THE 2020 FBC, 2017 NEC, 2018 NFPA70, 2016 NFPA72, 2020 FLORIDA FIRE PREVENTION CODE AND ALL LOCAL CODES, ORDINANCES OF THE AUTHORITIES HAVING JURISDICTION AND PERFORM ALL WORK IN ACCORDANCE WITH THE INTENT AND REQUIREMENTS OF THESE CODES, ORDINANCES AND AUTHORITIES.
2. DO NOT SCALE DRAWINGS: VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF ALL WORK. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL LAYOUT OF ELECTRICAL SYSTEMS.
3. WHEREVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN TO "FURNISH AND INSTALL".
4. FINAL CONNECTIONS TO EQUIPMENT SHALL BE PER MANUFACTURERS APPROVED WIRING DIAGRAMS, DETAILS AND INSTRUCTIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATABLE WITH EQUIPMENT ACTUALLY SUPPLIED.
5. PROVIDE WITH SHOP DRAWING SUBMITTAL, 1/4" SCALE LAYOUT DRAWINGS OF AREAS WITH ELECTRICAL SWITCHGEAR AND TRANSFORMERS. LAYOUT SHALL SHOW LOCATIONS OF AND SHALL BE COORDINATED WITH MECHANICAL EQUIPMENT AND MECHANICAL EQUIPMENT SHALL BE DRAWN TO SCALE.
6. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. THE ENGINEER RESERVES THE RIGHT TO APPROVE METHODS AND MATERIALS NOT REFLECTED HEREIN.
7. THE CONTRACTOR SHALL REVIEW ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS AND SHALL PROVIDE LIGHTS, SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, EQUIPMENT CONNECTIONS, ETC. AND ASSOCIATED CIRCUITING IN NEW AND REMODELED AREAS, EVEN IF SUCH AREAS ARE NOT SHOWN ON THE ELECTRICAL DRAWINGS. LAYOUTS, FIXTURE TYPES, QUANTITIES AND SPACING SHALL BE IN ACCORDANCE WITH SIMILAR AREAS ON THIS PROJECT. THE CONTRACTOR SHALL INCLUDE COSTS FOR THE ABOVE IN HIS BID. IN ADDITION, THE CONTRACTOR SHALL PROVIDE LAYOUT DRAWINGS FOR WORK IN SUCH AREAS AND SUBMIT FOR APPROVAL PRIOR TO ROUGH-IN.
8. THE CONTRACTOR SHALL REVIEW ARCHITECTURAL, STRUCTURAL, MECHANICAL AND OTHER DRAWINGS PRIOR TO BID AND SHALL COORDINATE ALL TRADES TO PROVIDE A COMPLETE PRODUCT TO AVOID CONFLICTS BETWEEN TRADES, AND TO DETERMINE WHICH TRADE IS TO PERFORM THE NECESSARY WORK. COORDINATION BETWEEN TRADES SHALL INCLUDE LOW VOLTAGE WIRING.
9. PROVIDE SUBSTITUTIONS OF ELECTRICAL EQUIPMENT OR REQUEST FOR "OR EQUIVALENT" OR "APPROVED EQUIVALENT" LISTING SHALL BE SUBMITTED TO THE ARCHITECT NOT LESS THAN TEN (10) WORKING DAYS PRIOR TO BID. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
10. WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER, CONSISTENT WITH THE HIGHEST LEVEL OF STANDARDS AND TO THE SATISFACTION OF THE ARCHITECT.
11. ALL EQUIPMENT AND MATERIALS PROVIDED SHALL BE NEW AND IN CONFORMANCE WITH APPLICABLE PROVISIONS OF NEMA, ANSI U.L., ETC AND SHALL BEAR AN APPROVED TESTING AGENCY LABEL WHERE APPLICABLE.
12. PROVIDE PERMITS AND INSPECTIONS AS REQUIRED.
13. GUARANTEE THE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY REMEDIATED WITHOUT COST TO THE OWNER.
14. PROVIDE RECORD DRAWINGS TO THE BUILDING OWNER AND ARCHITECT WITHIN 30 DAYS AFTER SYSTEM ACCEPTANCE, PER FBC 13-413.1.ABC.2.1. DRAWINGS SHALL INCLUDE ALL ADDENDUM ITEMS, CHANGE ORDERS, ALTERATIONS, REROUTINGS, ETC.
15. VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR TO ROUGH-IN. MODIFICATIONS REQUIRED DUE TO LACK OF COORDINATION BY CONTRACTORS, WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
16. SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, THE CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT NO COST TO THE OWNER.
17. THE CONTRACTOR SHALL PROVIDE OPERATING MANUALS TO THE OWNER, PER FBC 13-413.1.ABC.2.2.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING FPL FURNISHED CONDUIT FOR THE PRIMARY CONDUCTORS FROM THE PRIMARY POINT OF CONNECTION TO THE PAD MOUNT TRANSFORMER, PROVIDING A CONCRETE PAD PER FPL REQUIREMENTS, AND TO COORDINATE WITH FPL ALL REQUIREMENTS FOR CONDUIT ENTRY AND CABLE TERMINATIONS IN THE UTILITY TRANSFORMER. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO COMMENCEMENT OF WORK.
19. WIRE SHALL BE COPPER, 75 DEGREES C RATED FOR GENERAL USE. FOR HID FIXTURES AND WIRING WITHIN 3 INCHES OF FLUORESCENT BALLAST WIRE SHALL BE COPPER, MINIMUM 90 DEGREES C RATED. SIZES INDICATED ARE FOR INSTALLATION IN A MAXIMUM 30 DEGREES C AMBIENT. CONDUCTOR AMPACITY SHALL BE DERATED FOR HIGHER AMBIENT INSTALLATIONS. THE CONTRACTOR SHALL INCREASE THE SIZE OF THE CONDUCTOR TO MEET VOLTAGE DROP REQUIREMENTS WHERE FIELD CONDITIONS INCREASE THE CONDUIT RUN LENGTH SUCH THAT THE VOLTAGE DROP IS EFFECTED.
20. ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A #12 PULL WIRE OR EQUIVALENT AND SHALL BE IDENTIFIED AT ALL JUNCTION, PULL AND TERMINATION POINTS, USING PERMANENT METALLIC TAGS. TAG SHALL INDICATE INTENDED USE OF CONDUIT, ORIGIN AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.
21. PRESENT SHOP DRAWING SUBMITTAL DATA AT ONE TIME. SUBMITTAL SHALL BE SUBMITTED IN PDF FORM WITH CONTRACTOR APPROVAL PRIOR TO SUBMITTAL. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED. SUBMITTALS SHALL INCLUDE, BUT NOT BE LIMITED TO: LIGHTING FIXTURES, SWITCHGEAR, PANELBOARDS, WIRING DEVICES, SAFETY SWITCHES, FUSES, MOTOR STARTERS, LAMPS, CONDUIT, CONDUIT FITTINGS AND TRANSFORMERS.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING PROVIDED UNDER THIS SECTION OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.
23. CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIAL, EQUIPMENT OR INSTALLATION METHODS.
24. SYSTEMS SHALL BE COMPLETE, OPERABLE AND READY FOR CONTINUOUS OPERATION. LIGHTS, SWITCHES, RECEPTACLES, MOTORS, ETC., SHALL BE CONNECTED AND OPERABLE.
25. RECEPTACLES WHICH ARE SHOWN WALL MOUNTED ON THE ELECTRICAL DRAWINGS ON WALLS WHICH, ON THE ARCHITECTURAL DRAWINGS AND ELEVATIONS ARE SHOWN AS GLASS OR PARTITIONS, SHALL BE FLUSH FLOOR DUPLEX RECEPTACLES MOUNTED ADJACENT TO BASE OR WALL.
26. BOXES FOR TELEPHONE, T.V., COMPUTER, WIRING DEVICES, ETC., SHALL BE MINIMUM 4" SQUARE. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECTURAL AND INTERIOR DRAWINGS FOR ALL ROUGH-IN LOCATIONS FOR APPLIANCES. IF NO LOCATION IS INDICATED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING FOR CLARIFICATION.
27. STEEL TYPE "MC" CABLE #12 AWG AND #10 AWG WITH A FULL SIZED GROUNDING CONDUCTOR MAY BE USED WHERE PERMITTED BY BOTH THE N.E.C. AND LOCAL ORDINANCE, IN THE FOLLOWING APPLICATIONS:
 1. IN WALLS FOR HORIZONTAL DEVICE CONNECTION ONLY. HOMERUNS TO PANELBOARDS SHALL BE EMT OR PVC (BELOW GRADE).
28. ALL ELECTRICAL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY U.L. OR OTHER RECOGNIZED TESTING FACILITIES.
29. THE LIGHTING HAS BEEN DESIGNED IN ACCORDANCE OF THE STATE OF FLORIDA ENERGY CODE CHAPTER 13 (2020 EDITION).
30. VOLTAGE DROP CALCULATIONS ON ALL FEEDERS AND BRANCH CIRCUITS HAVE BEEN PERFORMED IN ACCORDANCE WITH THE STATE OF FLORIDA ENERGY CODE CHAPTER 13 (C405.7.3.1 & C405.7.3.2). THE CONTRACTOR IS RESPONSIBLE TO BE FAMILIAR WITH CHAPTER 13 AND SHALL UPSIZE THE CONDUCTORS FOR FEEDER AND BRANCH CIRCUITS BASED ON THE ACTUAL ROUTING IN THE FIELD.
31. THE CONTRACTOR SHALL HAVE A QUALIFIED PERSON COMMISSION ALL LIGHTING CONTROL SYSTEMS PRIOR TO OBTAINING THE C.O. THE PERSON SHALL TRAIN THE OWNER ON THE OPERATION OF THE LIGHTING CONTROLS.
32. ALL WIRING SHALL BE INSTALLED IN LISTED METALLIC RACEWAYS. RACEWAYS IN SLAB-ON-GRADE OR BELOW GRADE SHALL BE SCHEDULE 40 PVC. TRANSITIONS FROM BELOW TO ABOVE GRADE SHALL BE WITH RIGID STEEL ELBOWS WITH P.V.C. JACKET OR APPROVED EQUIVALENT PROTECTION. MET FITTINGS SHALL BE MALLEABLE IRON OR STEEL. CONNECTORS SHALL BE INSULATED THROAT TYPE.
33. NON-METALLIC AND FLEXIBLE CONDUITS SHALL HAVE A CODE SIZED COPPER GROUNDING CONDUCTOR. INCREASE CONDUIT SIZE AS REQUIRED.
34. FIRE ALARM, SOUND, TELEPHONE, COMPUTER, AND SIMILAR SYSTEMS CONDUITS LARGER THAN 1" SHALL HAVE LONG RADIUS SWEEPS (12 TIMES THE DIAMETER).
35. PROVIDE EXPANSION FITTINGS IN CONDUIT RUNS CROSSING STRUCTURAL EXPANSION JOINTS.
36. FIRE ALARM SYSTEM CONTRACTOR SHALL PROVIDE DEVICES, CONDUIT, WIRES AND CABLE AS DIRECTED BY EQUIPMENT AND WORKMANSHIP SHALL MEET PREVAILING CODES. THE SYSTEM SHALL BE COMPLETE AND OPERABLE IN EVERY RESPECT. SUBMIT SINGLE LINE OF SYSTEM WITH SHOP DRAWINGS. THIS SINGLE LINE DIAGRAM SHALL SHOW DEVICES, CONDUIT, WIRE AND CABLE SIZES. EQUIPMENT TO BE USED AND SHALL BE STAMPED AND SIGNED BY LOCAL FIRE DEPARTMENT. SYSTEM CALIBRATION AND TESTING SHALL BE BY FACTORY CERTIFIED TECHNICIAN.
37. PULL BOXES, CABINETS, ETC., MOUNTED ON THE EXTERIOR AT GRADE LEVEL, SHALL BE WEATHER PROOF TYPE WITH HINGED LOCKABLE COVERS SECURED WITH TAMPER-PROOF SCREWS.

TRINITY PASSAGEWAY

| LIGHTING FIXTURE SCHEDULE | | | | | | | | | |
|---------------------------|--------------|-----------------------|-----------------------------|--------|---------------|-------|----------|----------|---------|
| TYPE | MANUFACTURER | CATALOG NUMBER | DESCRIPTION | LAMPS | | VOLTS | DIM TYPE | MOUNTING | REMARKS |
| | | | | Type | Total Wattage | | | | |
| A | SIGNIFY | 6RN-Z6RDL20840WOC210U | 6" LED DOWN LIGHT | LED/4K | 21W | UNV | 0-10V | RECESSED | |
| BE | LITON | LCMPD7R-FINISH-T40 | LED SEMI-SURFACE DOWN LIGHT | LED/4K | 17W | UNV | 0-10V | SURFACE | |
| EX | BEGHELLI | VA-G-SA | LED PLASTIC EXIT | LED | 3W | UNV | N/A | SURFACE | |
| | | | | | | | | | |

LIGHTING SCHEDULE NOTES:

1. CONTACT SESCO LIGHTING (PATTY ROSSIELLO) @ 561-632-4192 OR rossiello@sescolighting.com
2. THE ABOVE FIXTURE SCHEDULE IS PREDICATED ON PERFORMANCE AND IS DESIGNED TO MEET CERTAIN AESTHETIC CRITERIA. ALL ALTERNATIVE SELECTIONS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL TEN (10) DAYS PRIOR TO BID DATE.
3. SUBMITTAL MUST INCLUDE ITC CERTIFIED PHOTOMETRIC FILES FOR REVIEW OF EQUALITY.

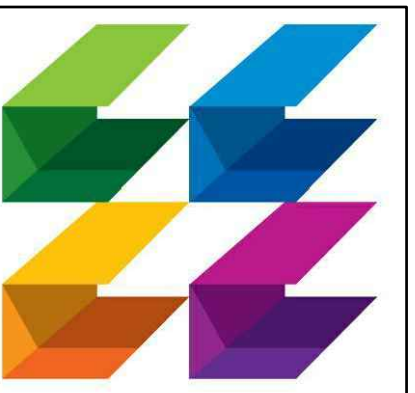
ELECTRICAL SYMBOL LIST

| | |
|--|---|
| | PANELBOARD |
| | RECESSED LED DOWNLIGHT, SEE LUMINAIRE LIST. |
| | UNIVERSAL MOUNTED EXIT SIGN, SEE LUMINAIRE LIST. |
| | ELECTRICAL WIRE HOME-RUN, 1ST HASH MARK REPRESENTS THE HOT, SECOND HASH MARK WITH A DOT REPRESENTS THE NEUTRAL, ARC WIRE MARK REPRESENTS THE GROUND |
| | WEATHERPROOF |
| | VAPOR PROOF |
| | ISOLATED GROUND |
| | NIGHT LIGHT |
| | EMERGENCY |

TYEC HYAC PLUMBING ELECTRICAL
THOMPSON & YOUNGROSS ENGINEERING CONSULTANTS, LLC
TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM APPLICABLE BUILDING CODE.
CERTIFICATE OF AUTHORIZATION NO. 25996
902 Cliff Moore Road, Suite 142
Boca Raton, Florida 33487
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TEL: 561-274-0200
FAX: 561-274-0222
WWW.TYECFLA.COM

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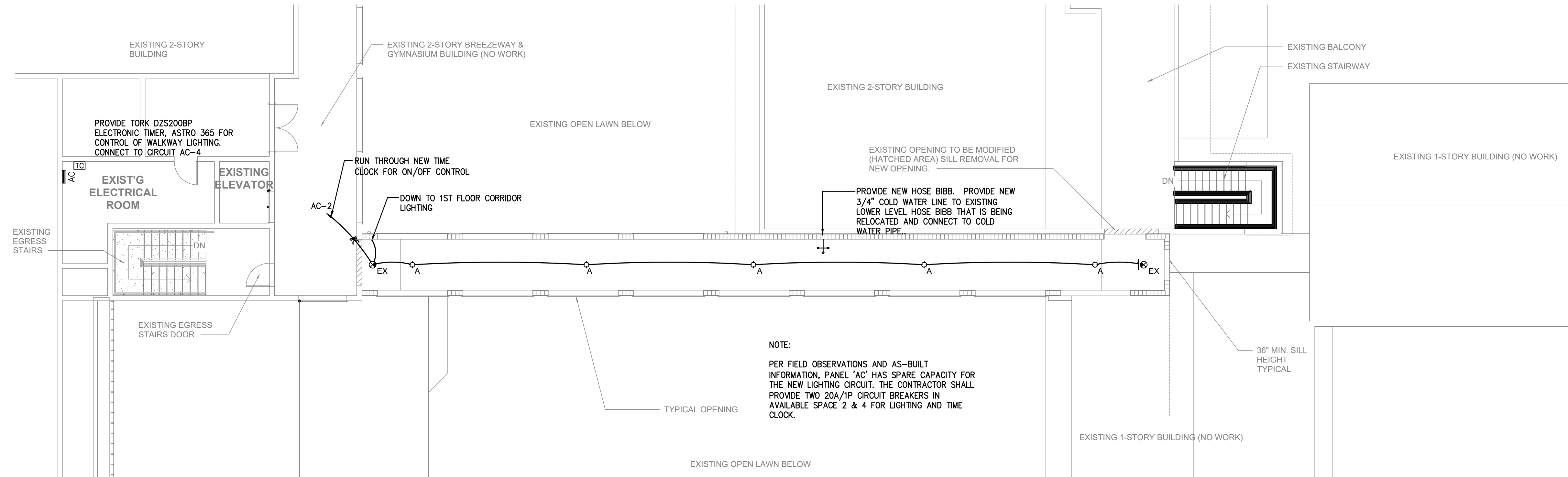
THESE DRAWINGS ARE PREPARED PER ESTABLISHED INDUSTRY STANDARDS AND REPRESENT THE ARCHITECT AND ENGINEERS DESIGN CONCEPT. THEY ARE NOT INTENDED TO PROVIDE EVERY DETAIL OR CONDITION REQUIRED TO CONSTRUCT THE BUILDING. THE CONTRACTOR THROUGH SUBMITTALS AND OTHER COORDINATION EFFORTS IS FULLY RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL BUILDING WHETHER INDICATED ON THE PLANS OR NOT.
FILE NUMBER

DRAWING TITLE
**OVERALL FIRST &
SECOND FLOOR
ELECTRICAL PLAN**

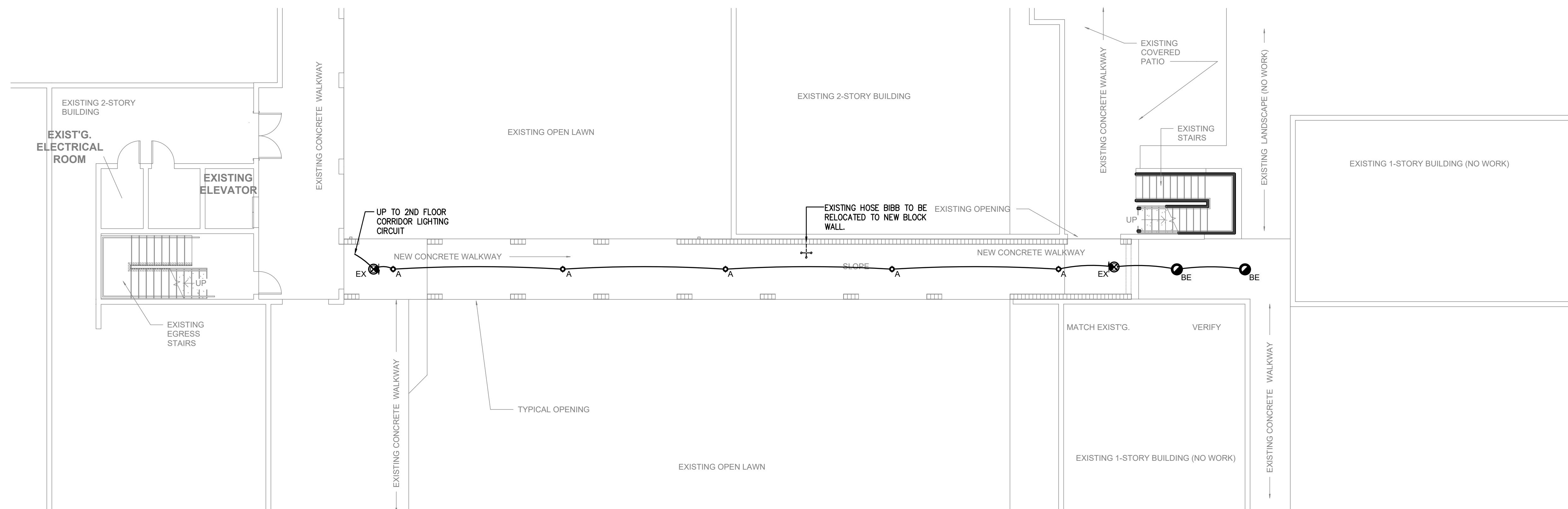
DATE 04/22/22 DRAWN BY AJY

JOB NUMBER 201104/22024

DRAWING NUMBER **E1.1**



2
E1.1
Level 02 - Electrical Plan
1/8" = 1'-0"



1
E1.1
Level 01 - Overall Plan
1/8" = 1'-0"

| | |
|-------------|---|
| TYEC | HVAC PLUMBING ELECTRICAL |
| | THOMPSON & YOUNGROSS ENGINEERING CONSULTANTS, LLC |
| | TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM APPLICABLE BUILDING CODE. |
| | CERTIFICATE OF AUTHORIZATION NO. 25996 902 Clint Moore Road, Suite 142 Boca Raton, Florida 33487 E-MAIL: TYEC@TYEFLA.COM |

4/22/2022 BID/PERMIT SET

SITE ADDRESS: 400 N. SWINTON AVENUE,
 DELRAY BEACH, FLORIDA 33444
 PARCEL I.D. NO.: 12-43-46-08-21-012-0030

LEGEND:

- CL = CENTERLINE
- CONC = CONCRETE
- COVD = COVERED
- T.P. = CONC TRANSFORMER PAD
- L.P. = LIGHT POLE
- W.M. = WATER METER
- B.F.P. = BACKFLOW PREVENTER
- C.B. = CATCH BASIN
- G.T. = GREASE TRAP MANHOLE
- IR. = 5/8" IRON ROD WITH CAP #LB 353
- C.O. = SANITARY SEWER CLEAN OUT
- FH = FIRE HYDRANT
- WV = WATER VALVE
- CLF = CHAIN LINK FENCE
- +18.03 = ELEVATION BASED ON NORTH AMERICAN VERTICAL DATUM 1988. SOURCE: PALM BEACH COUNTY BENCH MARK "Z-2333"
- SEC. 8/46/43 = SECTION 8, TOWNSHIP 46 SOUTH RANGE 43 EAST
- FLOOD ZONE: X
- COMMUNITY PANEL NO.: 125102
- MAP NO.: 12099C0977F
- MAP DATE: 10/05/2017

DESCRIPTION:

THE EAST HALF (E.1/2) OF LOT 12, LESS THE NORTH 200 FEET AND THE SOUTH 40 FEET, MODEL LAND COMPANY'S SUBDIVISION OF SECTION 8, TOWNSHIP 46 SOUTH, RANGE 43 EAST, DELRAY BEACH, PALM BEACH COUNTY, FLORIDA, AS RECORDED IN PLAT BOOK 1, PAGE 4, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, AND LESS THE EAST 33 FEET THEREOF.

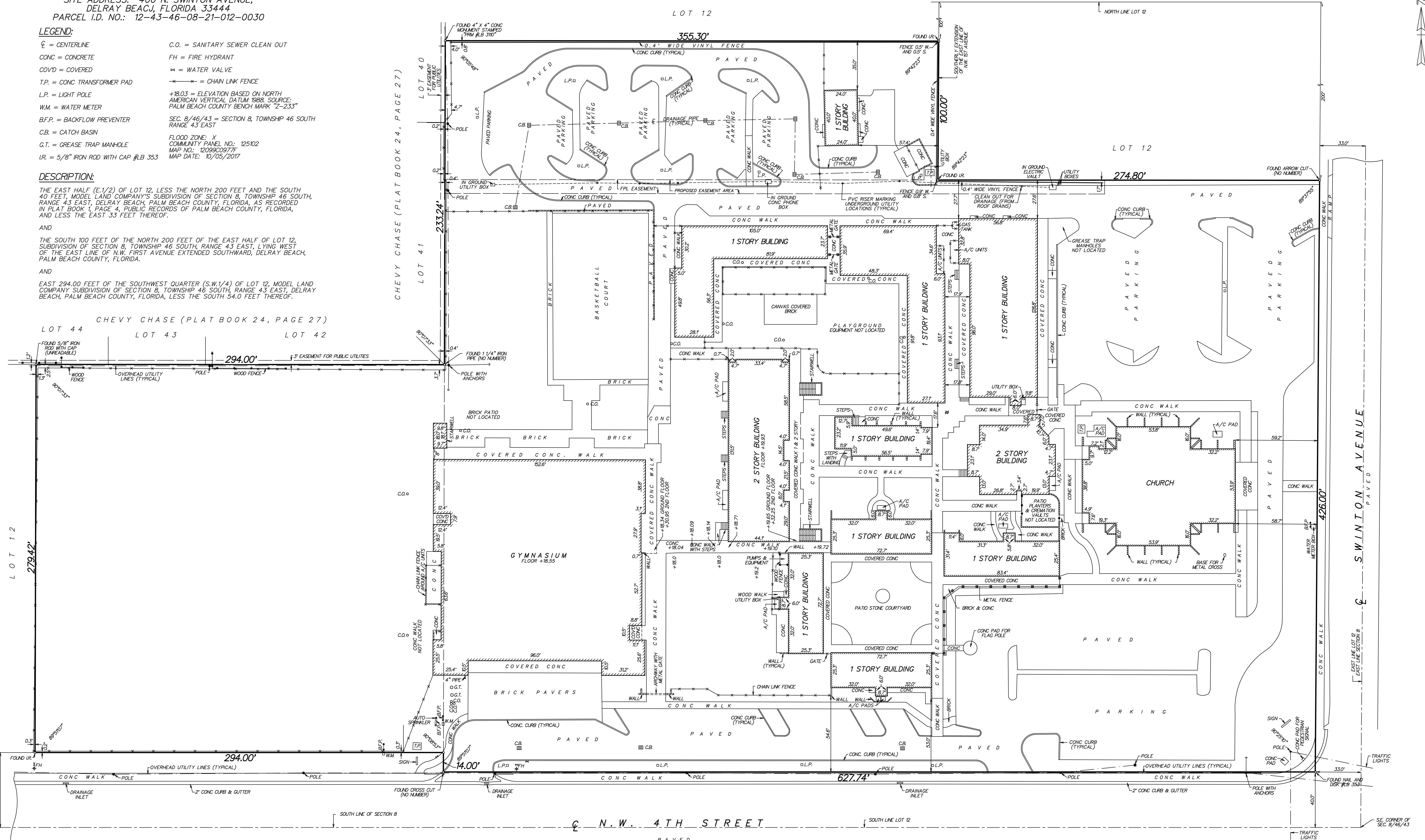
AND

THE SOUTH 100 FEET OF THE NORTH 200 FEET OF THE EAST HALF OF LOT 12, SUBDIVISION OF SECTION 8, TOWNSHIP 46 SOUTH, RANGE 43 EAST, LYING WEST OF THE EAST LINE OF N.W. FIRST AVENUE EXTENDED SOUTHWARD, DELRAY BEACH, PALM BEACH COUNTY, FLORIDA.

AND

EAST 294.00 FEET OF THE SOUTHWEST QUARTER (S.W.1/4) OF LOT 12, MODEL LAND COMPANY SUBDIVISION OF SECTION 8, TOWNSHIP 46 SOUTH, RANGE 43 EAST, DELRAY BEACH, PALM BEACH COUNTY, FLORIDA, LESS THE SOUTH 54.0 FEET THEREOF.

CHEVY CHASE (PLAT BOOK 24, PAGE 27)



MAP OF BOUNDARY SURVEY

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

PAUL D. ENGLE
 SURVEYOR & MAPPER #5708

O'BRIEN, SUTLER & O'BRIEN, INC.

LAND SURVEYORS
 CERTIFICATE OF AUTHORIZATION #LB353
 SURVEYOR AND MAPPER IN RESPONSIBLE CHARGE: PAUL D. ENGLE
 955 N.W. 17TH AVENUE, SUITE K-1, DELRAY BEACH, FLORIDA 33445
 (561) 276-4501 732-3279 FAX 276-2390

| | | |
|---------------------------------|---------------------------|--------------------|
| DATE OF SURVEY APRIL 7, 2021 | PAGE NO. 30 | SCALE: 1" = 30' |
| FIELD BOOK D261 | ORDER NO. 70-623db "C" | |
| D287 | 20 | |