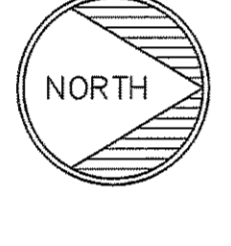


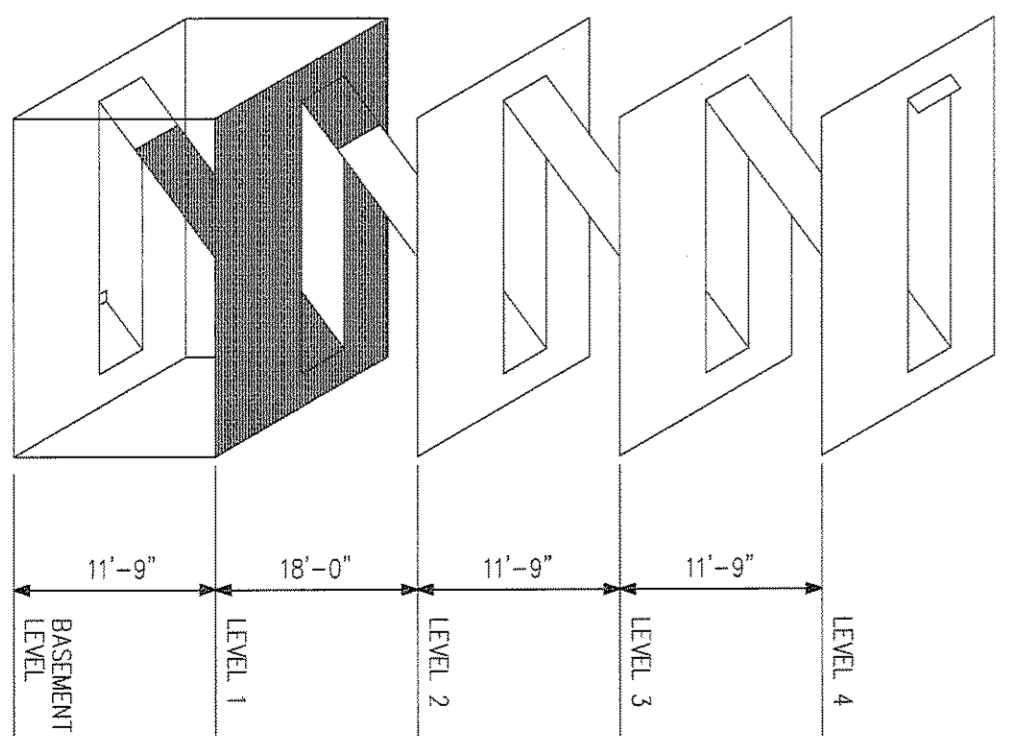
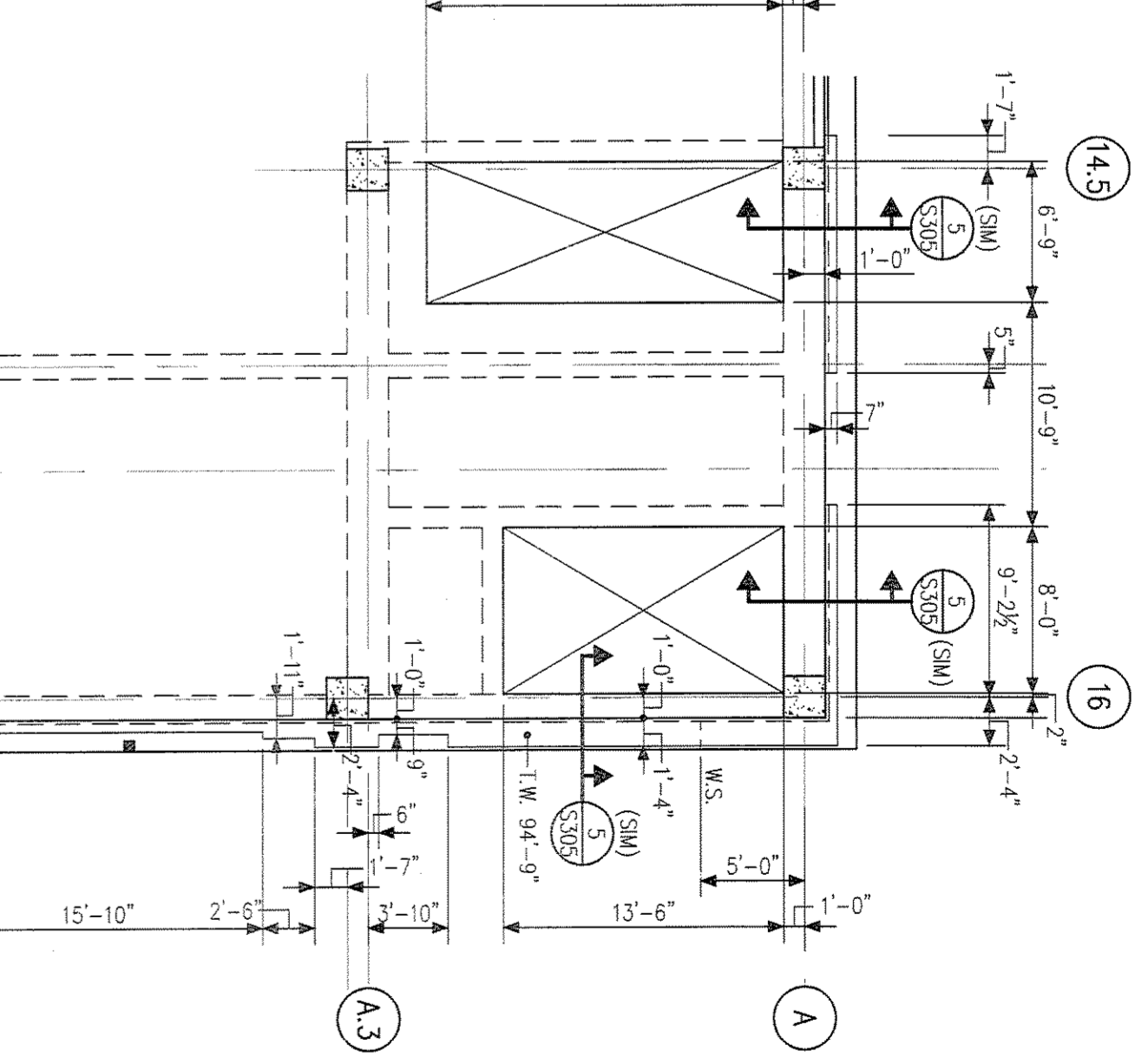
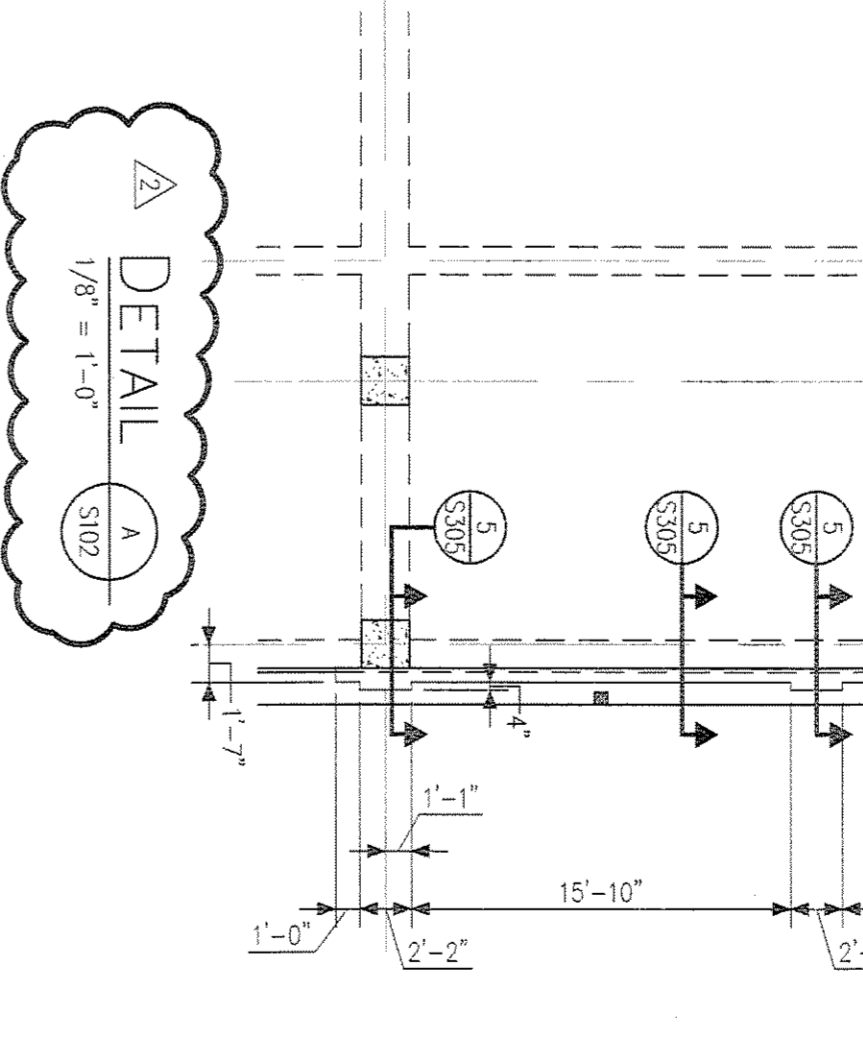
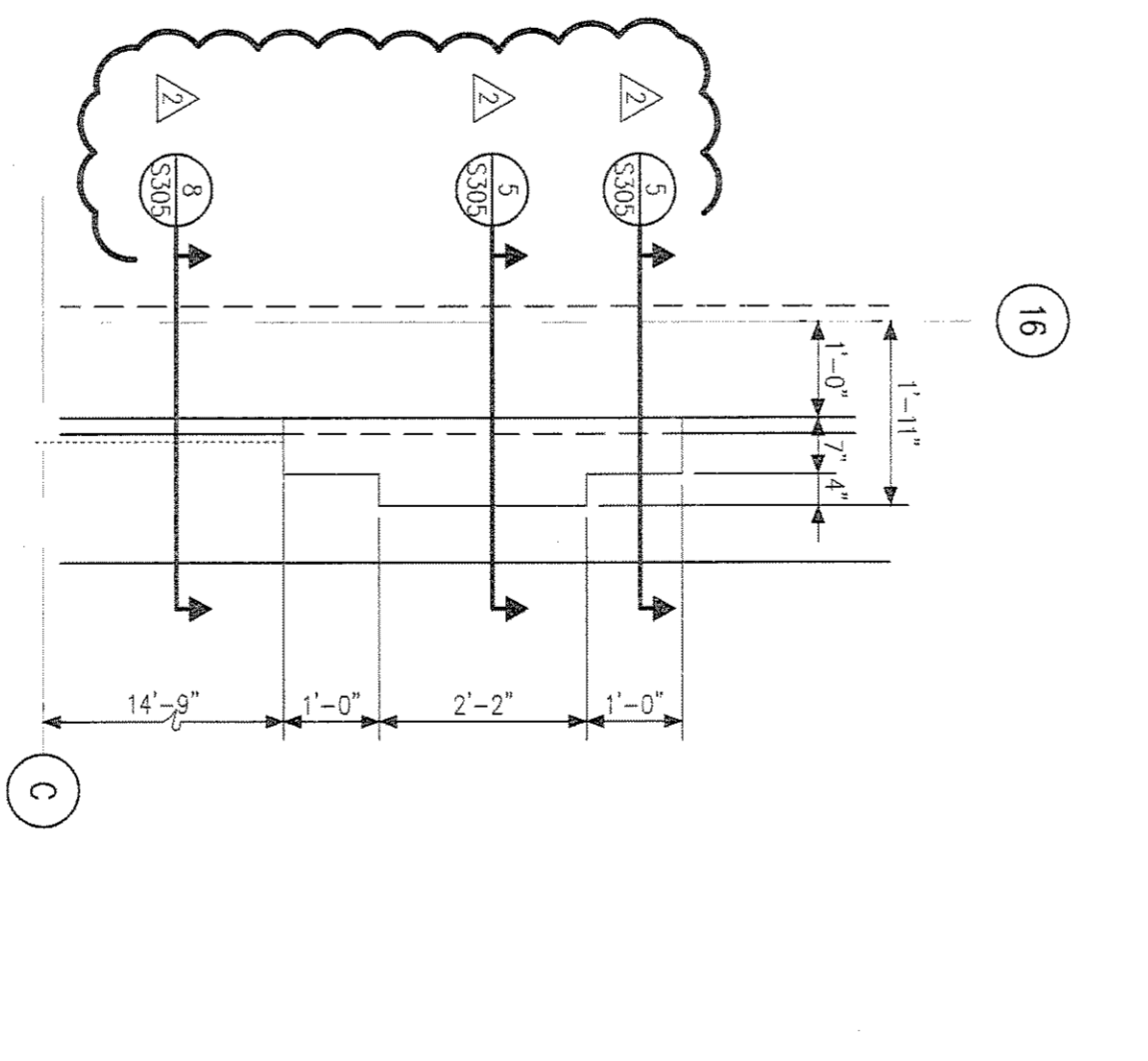
FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

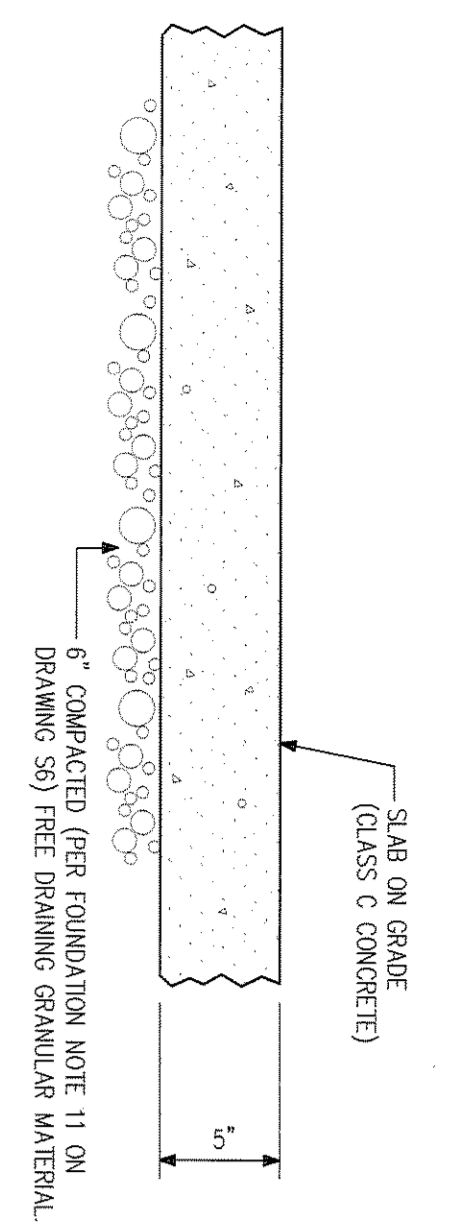


PLAN NOTES

1. SEE DRAWING S202 FOR CONCRETE SCHEDULE AND GENERAL NOTES PERTAINING TO CONCRETE, POST-TENSIONING CONCRETE, REINFORCING STEEL, STRUCTURAL STEEL AND STEEL DECK.
2. SEE DRAWING S200 FOR CONCRETE COLUMN SCHEDULE, NOTES AND DETAILS.
3. ∇ INDICATES TOP OF SLAB SPOT ELEVATION. REFER TO ELEVATION 100'-0" = 742'-0" U.S.C.S.
4. START OF RAMP: THE RAMP STARTING POINT MAY BE AWAY FROM THE BEAM CENTERLINE (AS SHOWN) TO THE RAMP SOLE OF THE BEAM (CONTRACTOR'S OPTION).
5. ∇ DENOTES POST-TENSIONING CONCRETE BEAM MARK. CONCRETE BEAM SCHEDULE, NOTES AND DETAILS.
6. AT LOCATION OF RAMPAGE, THERE IS NO TOP OF SLAB SPOT ELEVATION (AS SHOWN). SEE DETAIL A/S102 (BEAMS AT RAMPAGE "WASH").
7. ∇ (POST-TENSIONING) ONE-WAY SLABS: T: THICK UNLESS DETAIL OTHERWISE. SEE DRAWING S202 FOR SLAB REINFORCEMENT PLAN. SEE DRAWING S200 FOR POST-TENSIONING SLAB DETAILS.
8. ∇ REPRESENTS FLOOR FINISH CAST IN CONCRETE SLAB. SEE DETAIL A/S203 (TYPICAL FLOOR FINISH). LOCATIONS OF FLOOR FINISH NOT SHOWN AND FOR SLAB FINISH REQUIREMENTS AROUND THE RAMP.
9. ∇ INDICATES CENTERLINE LOCATION OF STEPS OR RISERS THROUGH BEAM. SEE DETAIL H/S202.
10. ∇ INDICATES STEEP SLOPE REINFORCEMENT. VERIFY GAGE AND LOCATIONS OF STEELS WITH THE MECHANICAL AND ELECTRICAL CONTRACTORS. COORDINATE THE INSTALLATION OF STEELS WITH THE INSTALLATION OF SLAB REINFORCEMENT.
11. SEE ARCHITECTURAL DRAWINGS FOR INFORMATION REGARDING LOCATIONS OF STEEL PIPE BOLDS. SEE DETAIL A/S203 (STANDARD BOLDED DETAIL FOR POST-TENSIONING SLAB) FOR ANCHORAGE REQUIREMENTS.
12. REFER TO CONCRETE DECK SCHEDULE. APPLY TO TOP SURFACE OF POST-TENSIONING CONCRETE.
13. "MS" INDICATES STEP IN TOP OF WALL ELEVATION.
14. COORDINATE NOTCH REQUIRED IN BEAM FOR EXPANSION JOINT WITH EXPANSION JOINT SUPPLIER AND ARCHITECTURAL DRAWINGS.
15. H/S/S105 HAS SURFACE ON 274/275 IMA BASE ON 6" COMPACTED AGGREGATE BASE. NO. 53.
16. ∇ INDICATES ANCHOR BOLT PATTERN DETAIL. SEE DRAWING S202 FOR DETAILS.
17. ∇ INDICATES 2"x12" BOLD IN BEAM. SEE DETAIL A/S202.
18. ∇ INDICATES ANCHOR BOLT PATTERN DETAIL. SEE DETAIL A/S202.
19. ∇ INDICATES ANCHOR BOLT PATTERN DETAIL. SEE DETAIL A/S202.
20. ∇ INDICATES ANCHOR BOLT PATTERN DETAIL. SEE DETAIL A/S202.

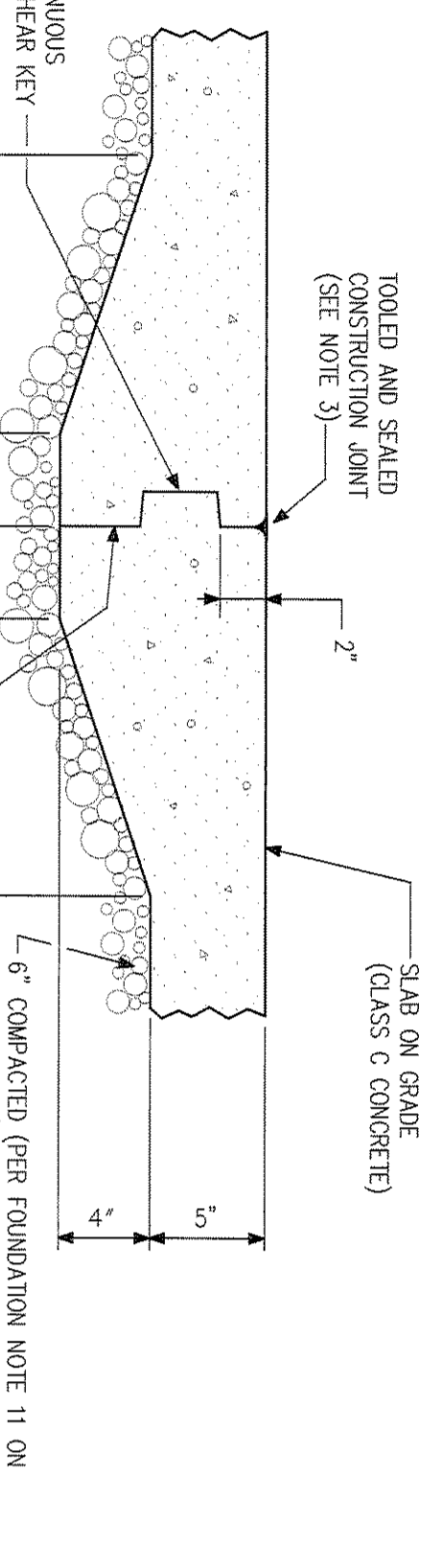
ADDED/REMOVED STEELS
THROUGH BEAMS





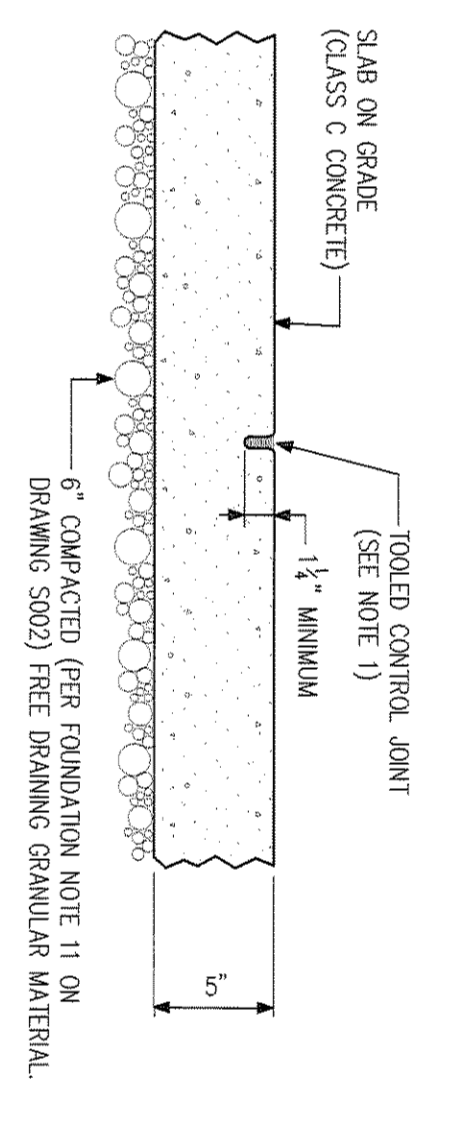
- NOTES:
1. SET CONCRETE GENERAL NOTE 6 ON DRAWING S02 AND SECTION 0330. CAST-IN-PLACE CONCRETE. APPROX. 1.5" OF THE PROJECT MANUAL FOR SLAB FINISHING REQUIREMENTS.
 2. SET CONCRETE GENERAL NOTE 10 ON DRAWING S02 AND SECTION 0330. CAST-IN-PLACE CONCRETE. APPROX. 1.8" OF THE PROJECT MANUAL FOR SLAB CURING REQUIREMENTS.

TYPICAL SLAB ON GRADE CONSTRUCTION
1/2" = 1'-0"



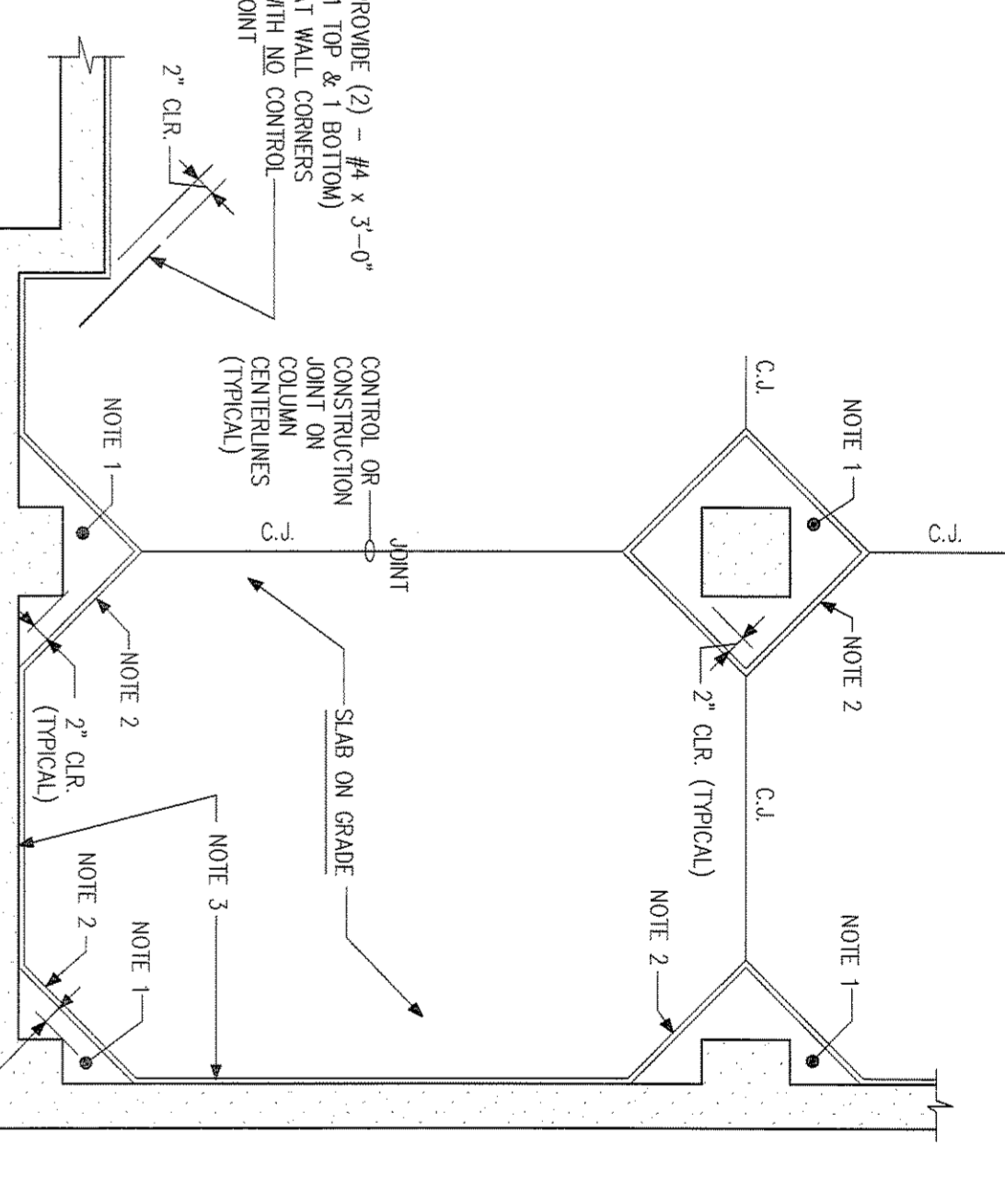
- NOTES:
1. LOCATE CONSTRUCTION JOINTS AT CONTROL JOINT LOCATIONS.
 2. APPLY LIQUID BONDING AGENT TO FULL DEPTH OF CONSTRUCTION JOINT.
 3. COMPACT TOPPING OF CONSTRUCTION JOINT WITH SEAMANT MANUFACTURER'S PREPARED AND SEAL JOINT AS SPECIFIED IN SECTION 0710, DECK WATERPROOFING, OF THE PROJECT MANUAL.

TYPICAL SLAB ON GRADE CONSTRUCTION JOINT
1/2" = 1'-0"



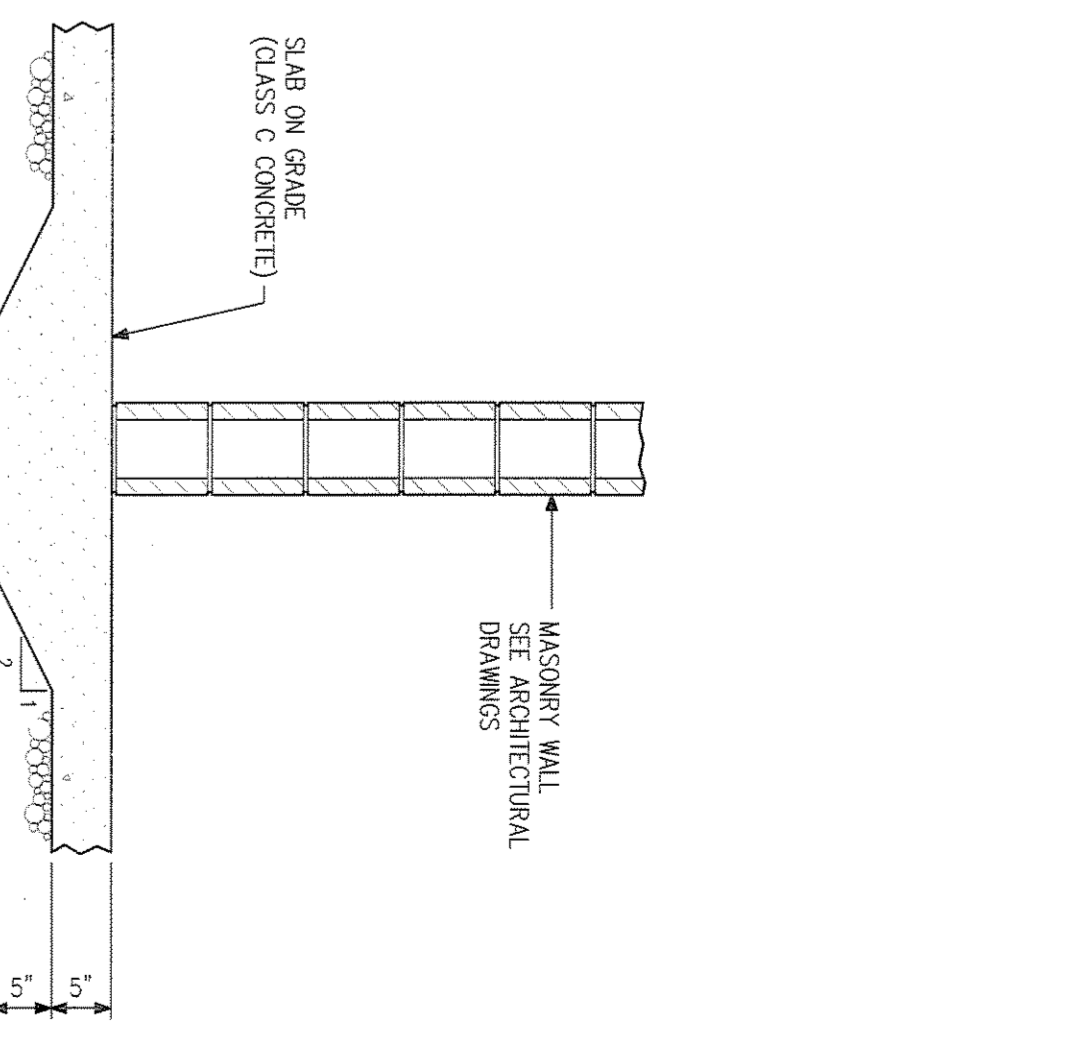
- NOTES:
1. CORRELATE FORMING OF CONTROL JOINT WITH SEAMANT MANUFACTURER'S (1/2" MAXIMUM GAP) PREPARED AND SEAL JOINT AS SPECIFIED IN SECTION 0710, DECK WATERPROOFING, OF THE PROJECT MANUAL.

TYPICAL SLAB ON GRADE CONTROL JOINT
1/2" = 1'-0"



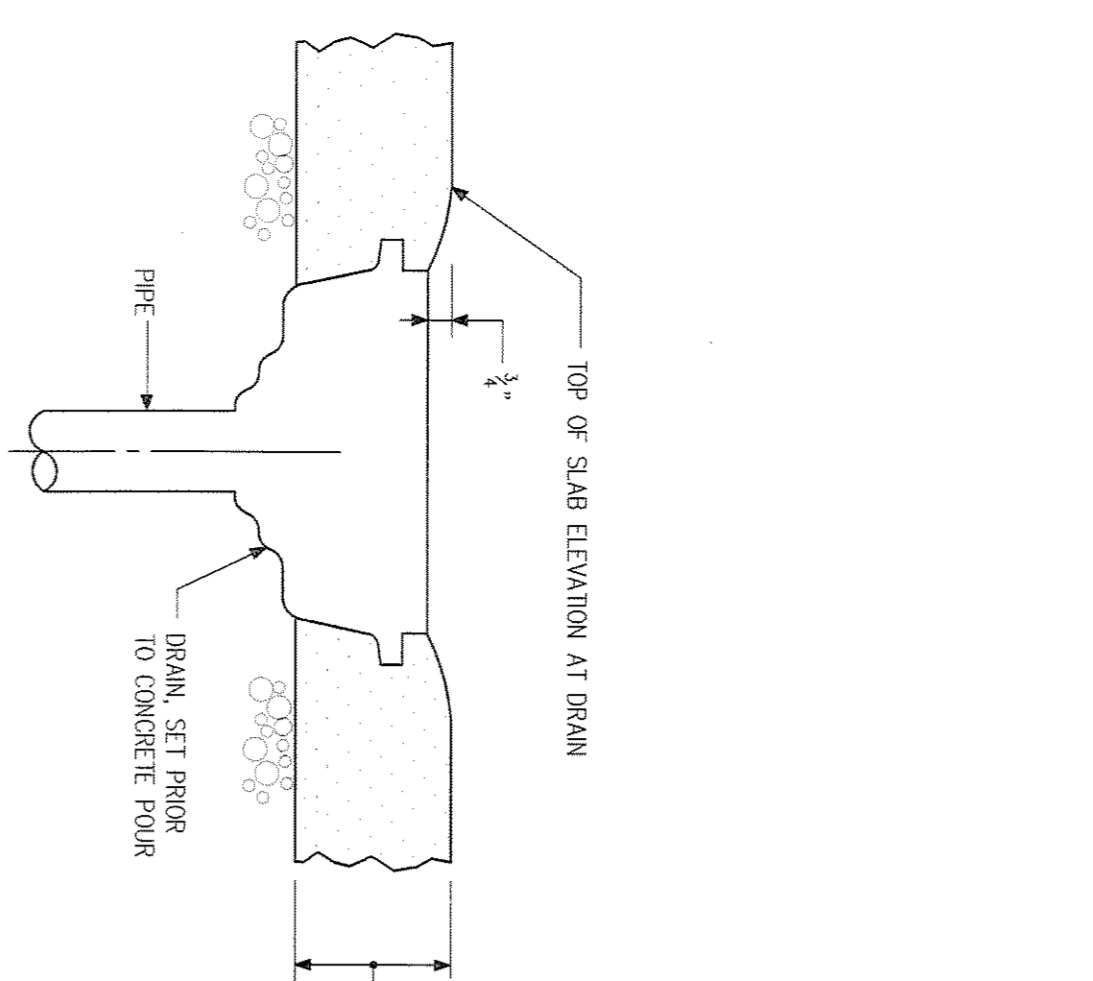
- NOTES:
1. COLUMN ISOLATION SECTION. LENGTH OF CONCRETE ISOLATION SECTION TO MATCH THICKNESS OF ADJACENT SLAB ON GRADE.
 2. PROVIDE JOINT TIE-BARS BETWEEN COLUMN ISOLATION SECTION AND SLAB ON GRADE. PREPARE AND SEAL JOINT AS SPECIFIED IN DIVISION 7 OF THE PROJECT MANUAL.
 3. PROVIDE JOINT TIE-BARS BETWEEN WALL OR GRADE BEAM AND SLAB ON GRADE. PREPARE AND SEAL JOINT AS SPECIFIED IN SECTION 0710, DECK WATERPROOFING, OF THE PROJECT MANUAL.
 4. "C.I." DENOTES TOoled CONTROL JOINT IN SLAB ON GRADE. SEE DETAIL C/S022 (TYPICAL) SLAB ON GRADE CONTROL JOINT.

TYPICAL COLUMN ISOLATION JOINT
3/4" = 1'-0"

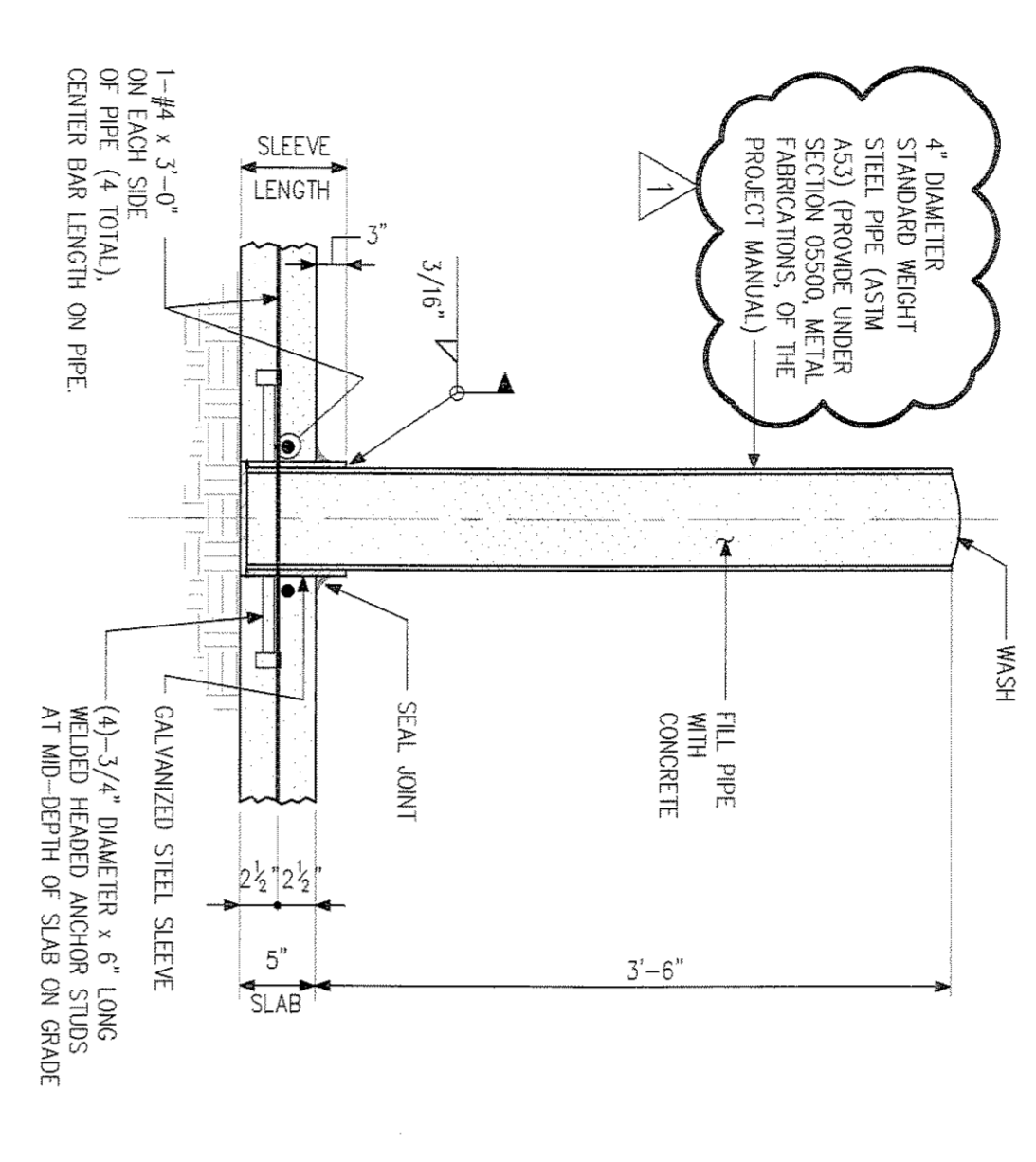


- NOTES:
1. PROVIDE ENLARGED SLABS UNDER MASONRY WALLS NOT SUPPORTED BY A FOOTING.

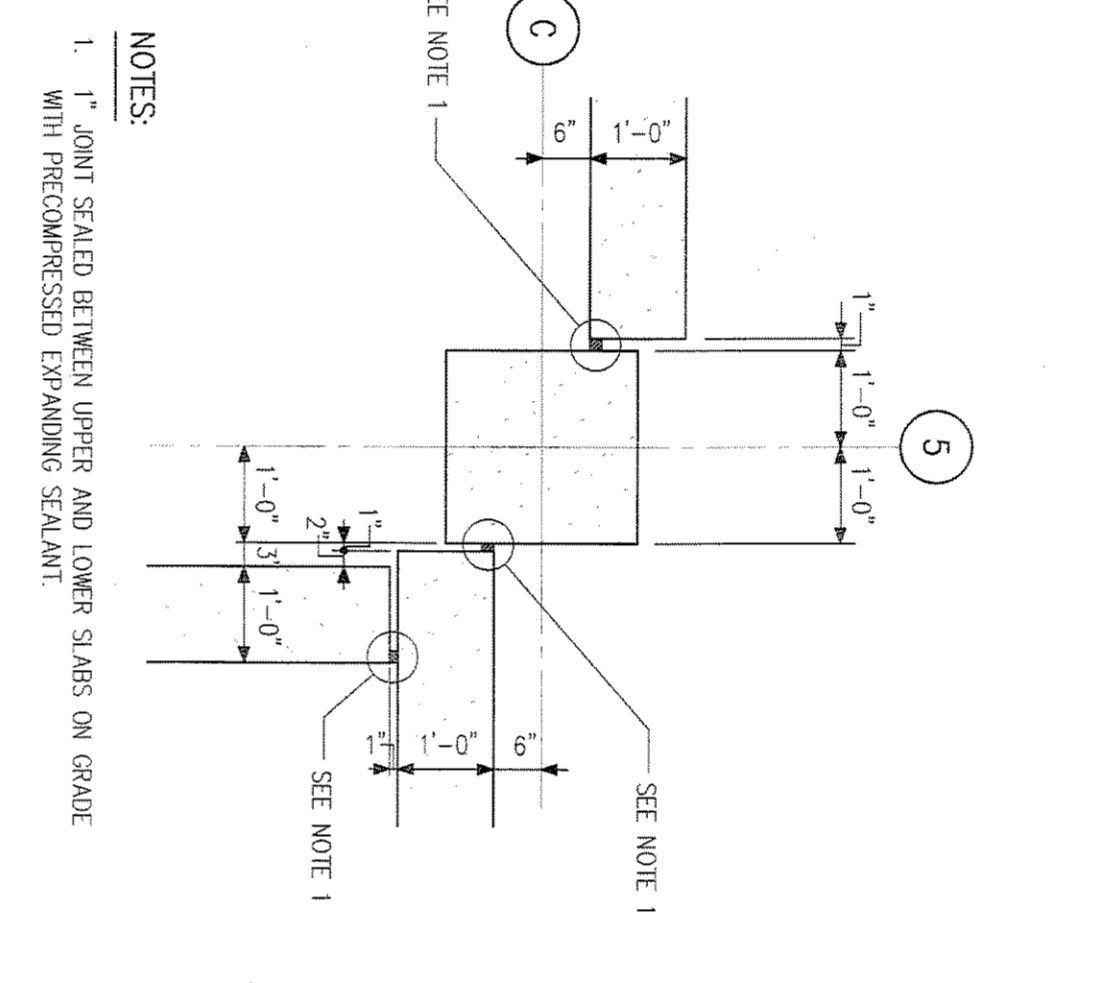
TYPICAL THICKENED SLAB UNDER MASONRY WALL
3/4" = 1'-0"



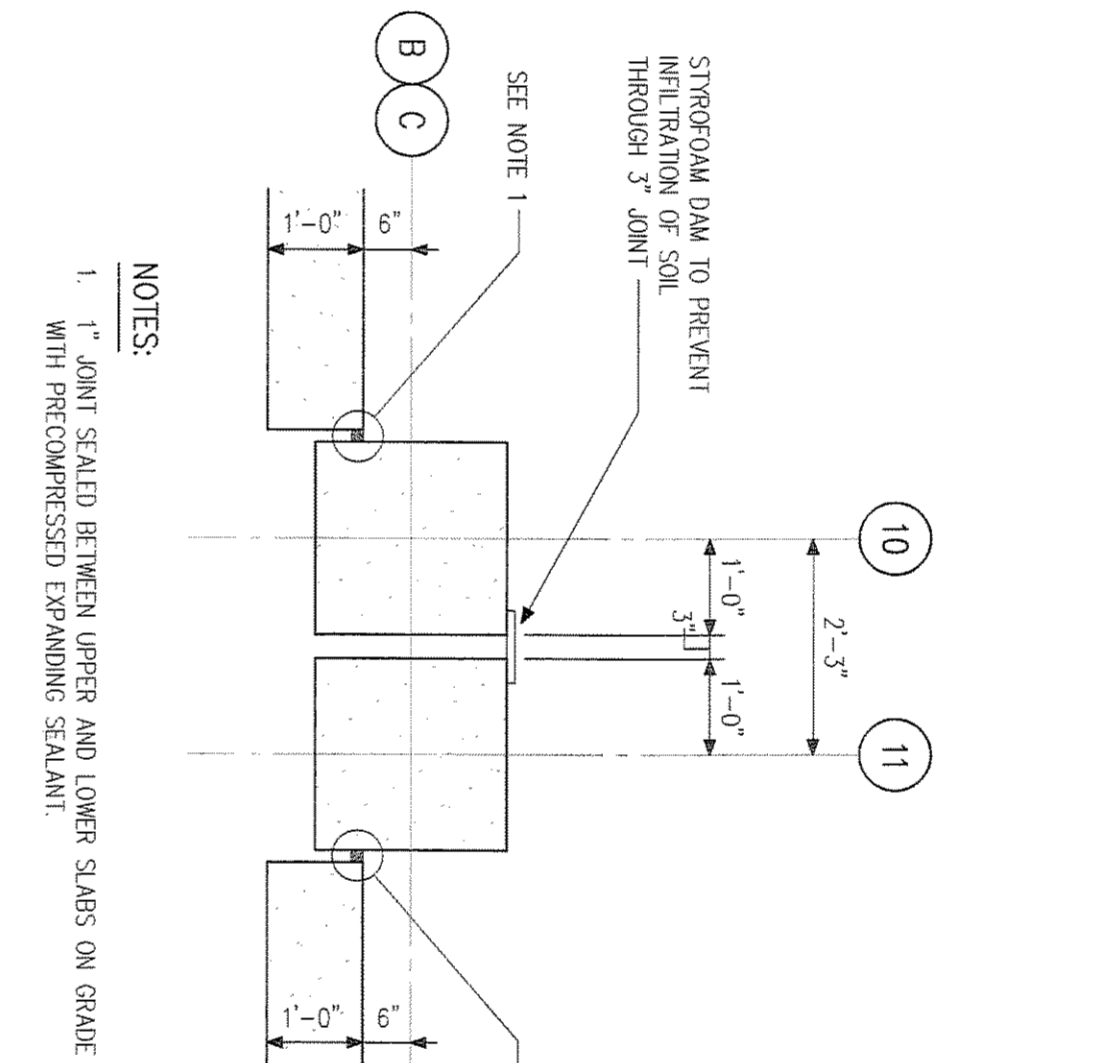
TYPICAL FLOOR DRAIN
1/2" = 1'-0"



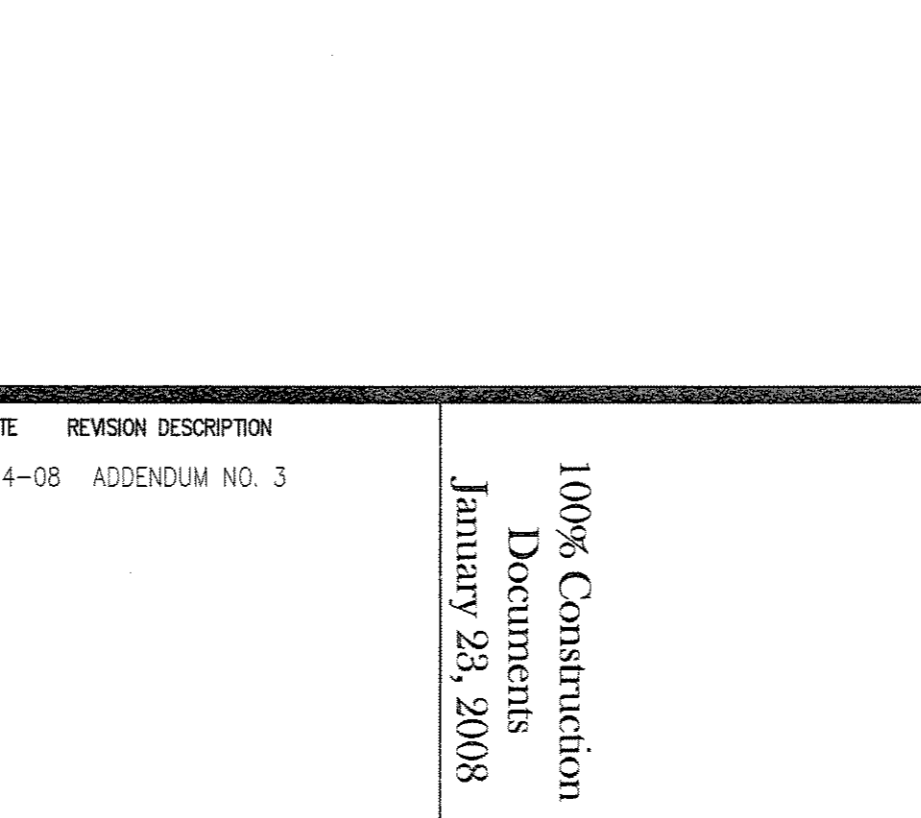
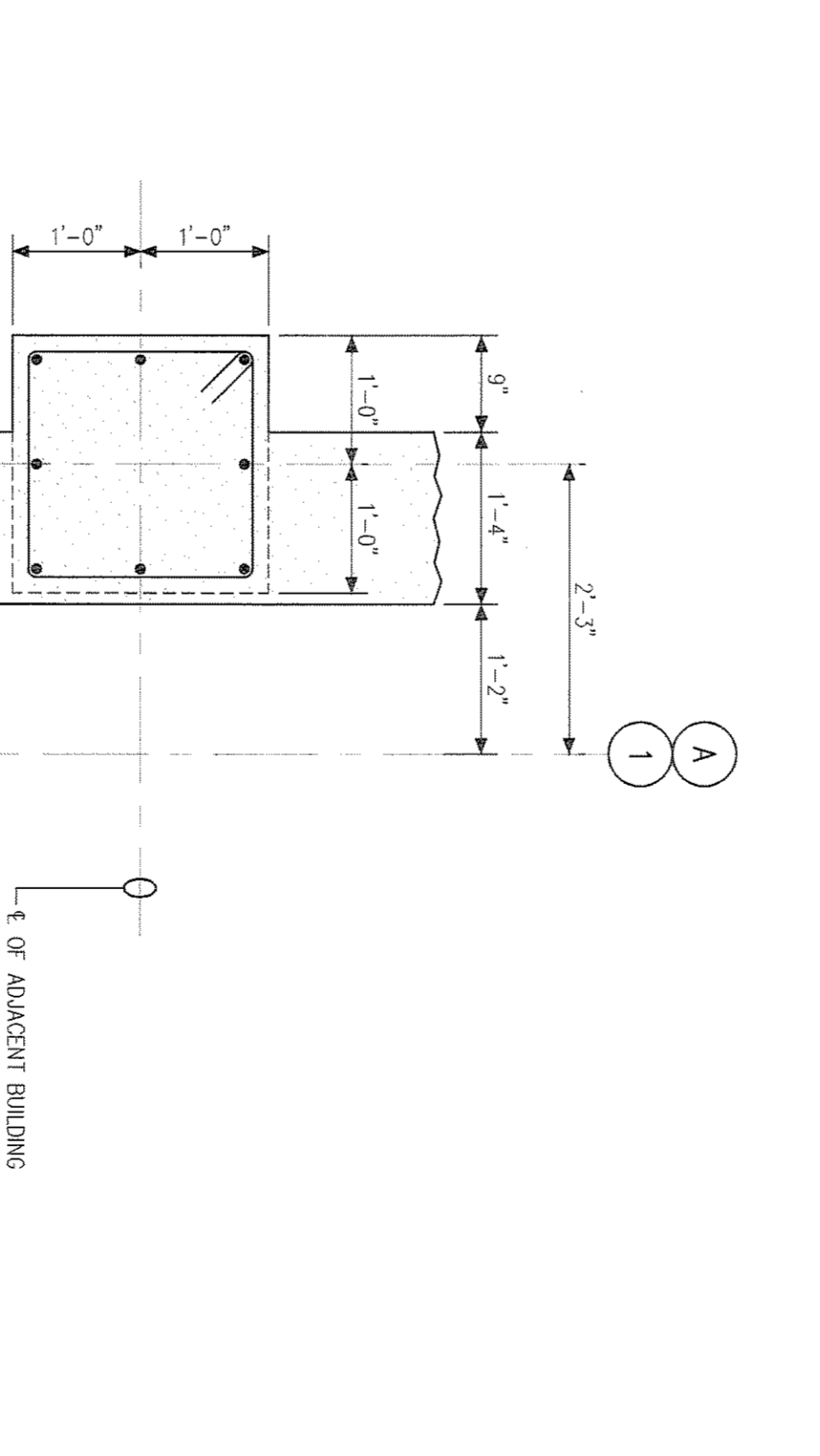
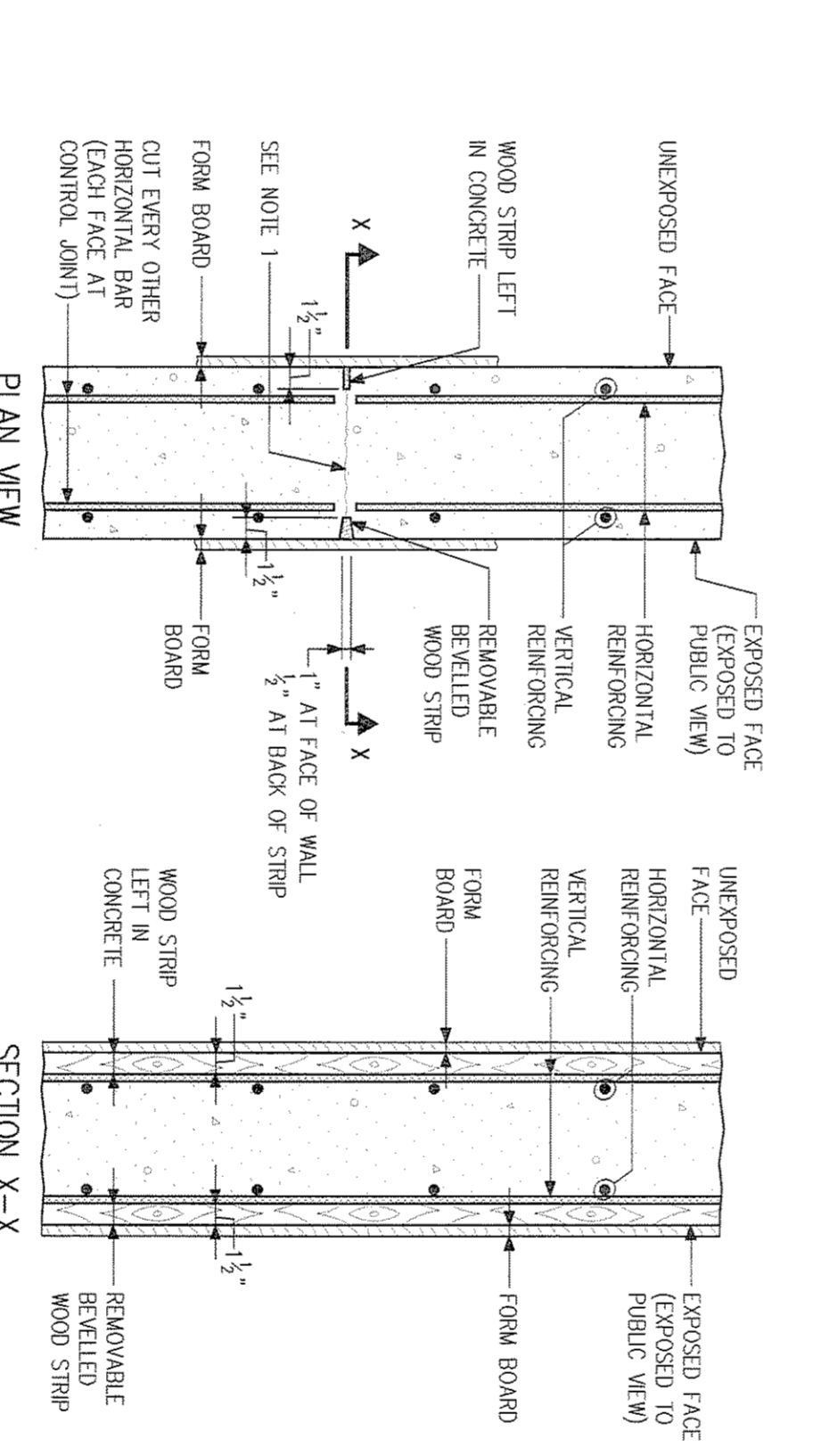
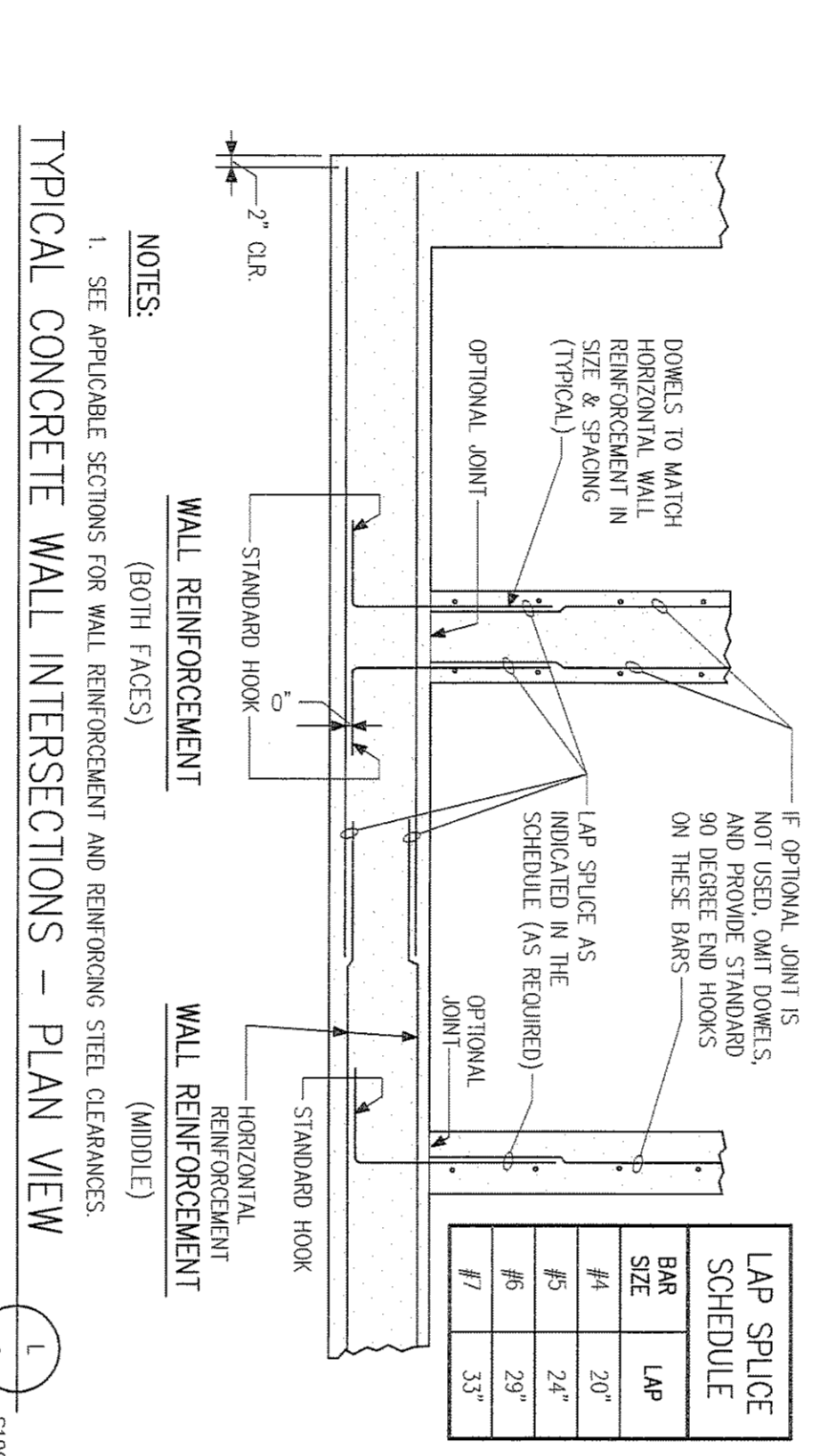
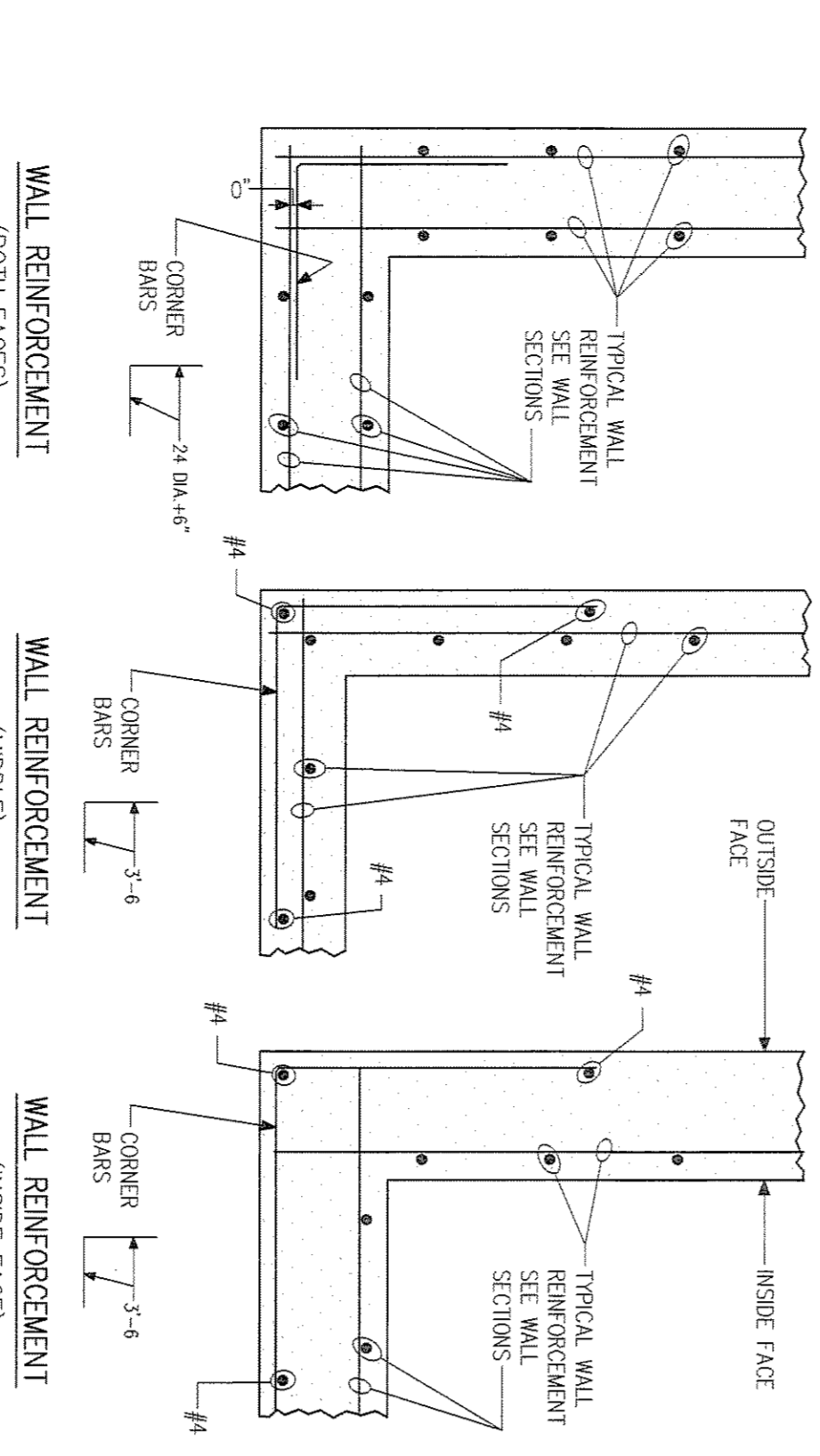
STANDARD BOLLARD DETAIL FOR SLAB ON GRADE
3/8" = 1'-0"



DETAIL
3/8" = 1'-0"



DETAIL
3/8" = 1'-0"



- NOTES:
1. PROVIDE CORNER BARS AS SHOWN. MATCH HORIZONTAL WALL REINFORCEMENT IN BAR SIZE AND SPACING.
 2. SEE APPLICABLE SECTIONS FOR REINFORCING STEEL CLEARANCES.
 3. REMAINING HORIZONTAL WALL REINFORCEMENT 2' CLEAR FROM END OF WALL.

- NOTES:
1. SEE APPLICABLE SECTIONS FOR WALL REINFORCEMENT AND REINFORCING STEEL CLEARANCES.

- NOTES:
1. THIS DETAIL APPLIES ONLY TO WALLS WITHOUT VERTICAL CONTROL JOINTS. SEE DETAIL W/S022 FOR VERTICAL CONTROL JOINTS.
 2. HORIZONTAL WALL REINFORCEMENT CONTINUOUS THRU CONSTRUCTION JOINT.

- NOTES:
1. PROVIDE VERTICAL CONTROL JOINTS IN WALLS (W/C.I.) WHERE INDICATED ON PLANS, WITH OVERLAP SPACING ALONG THE LENGTH OF WALL.
 2. LOCATE VERTICAL CONSTRUCTION JOINTS IN WALLS WITH VERTICAL CONTROL JOINTS AT CONTROL JOINT LOCATIONS.
 3. SOME WALLS HAVE ONE EXPOSED FACE AND ONE UNEXPOSED FACE. SOME WALLS HAVE TWO EXPOSED FACES.
 4. EXTEND CONTROL JOINT FROM TOP OF FOOTING TO TOP OF WALL UNLESS OTHERWISE INDICATED.

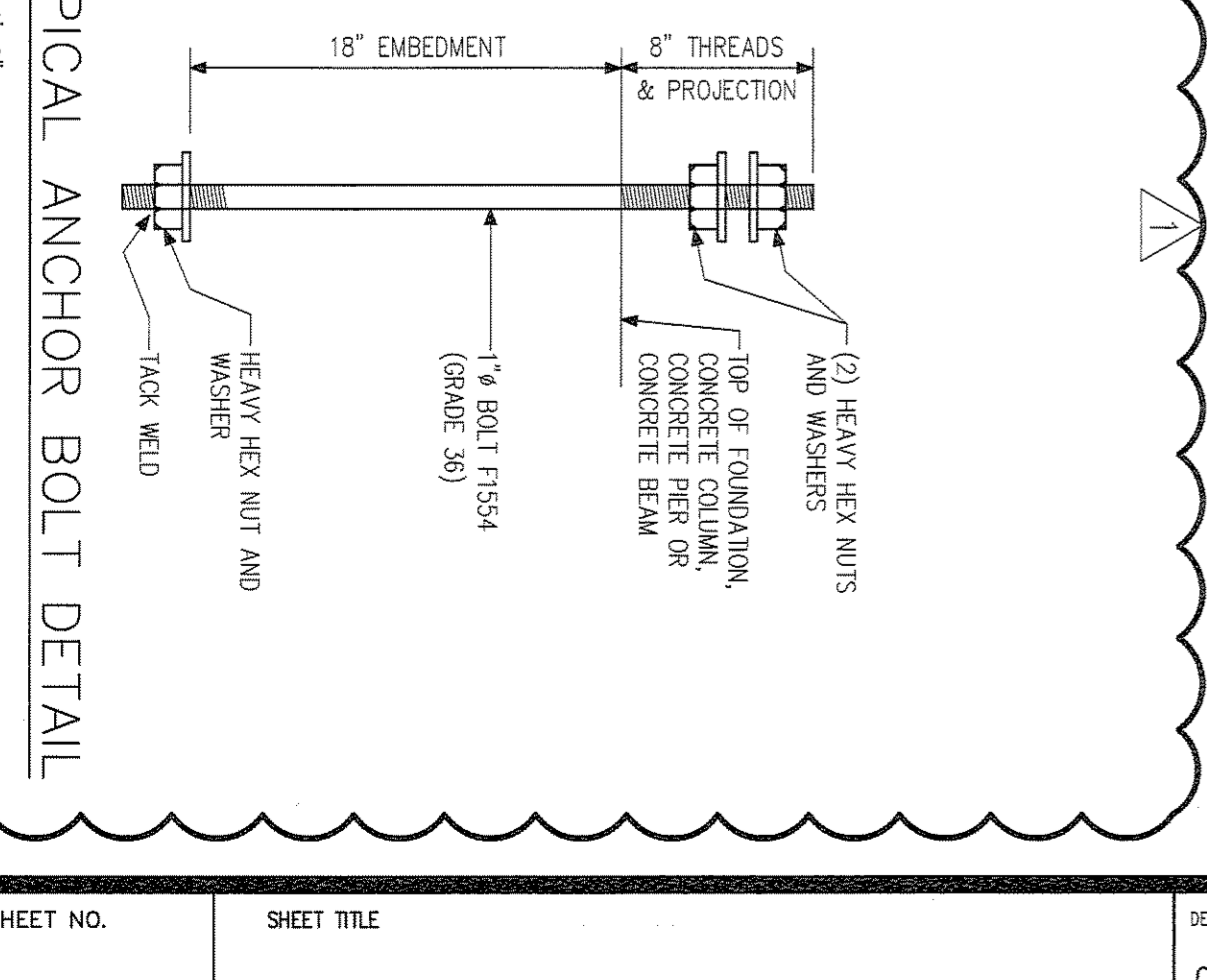
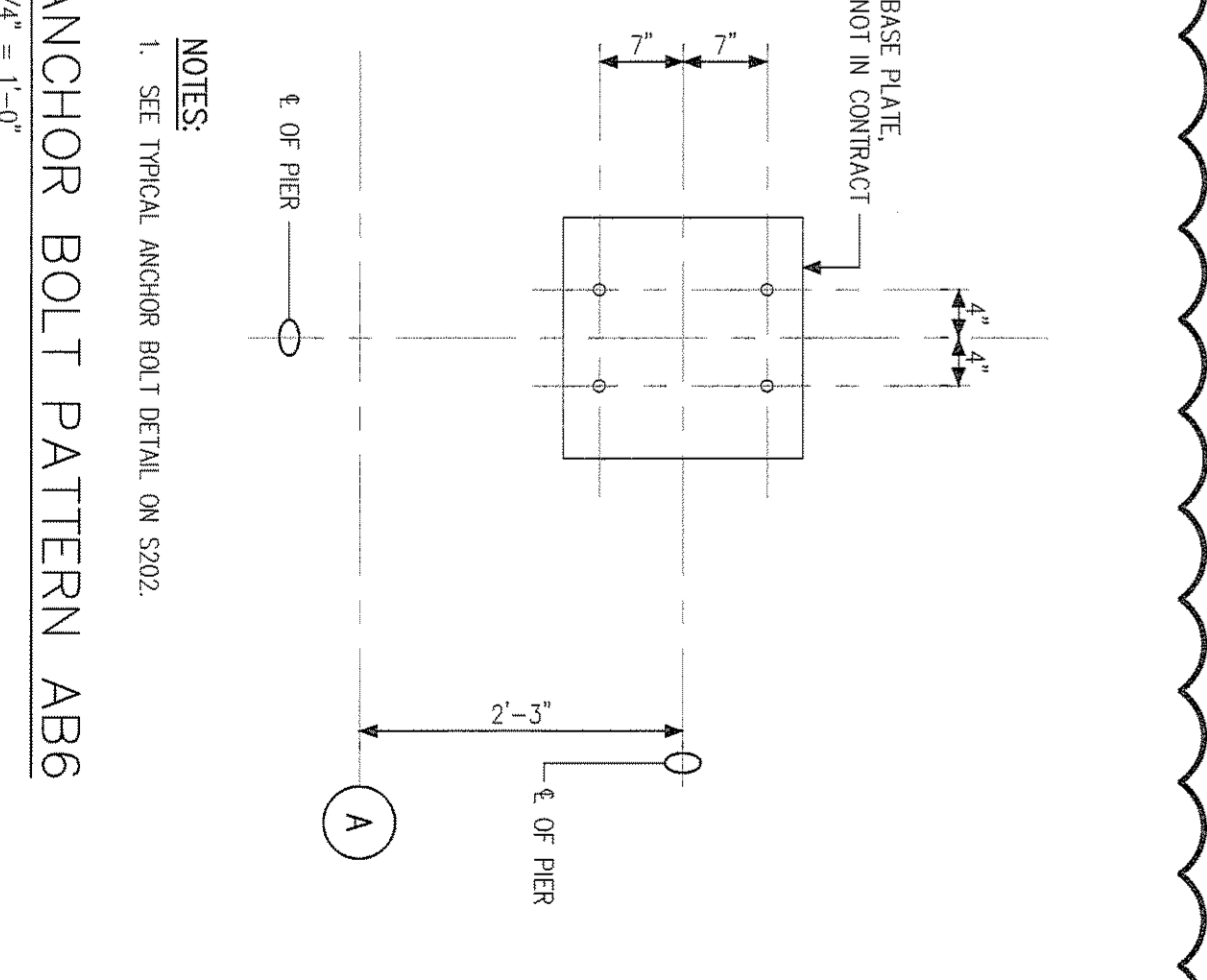
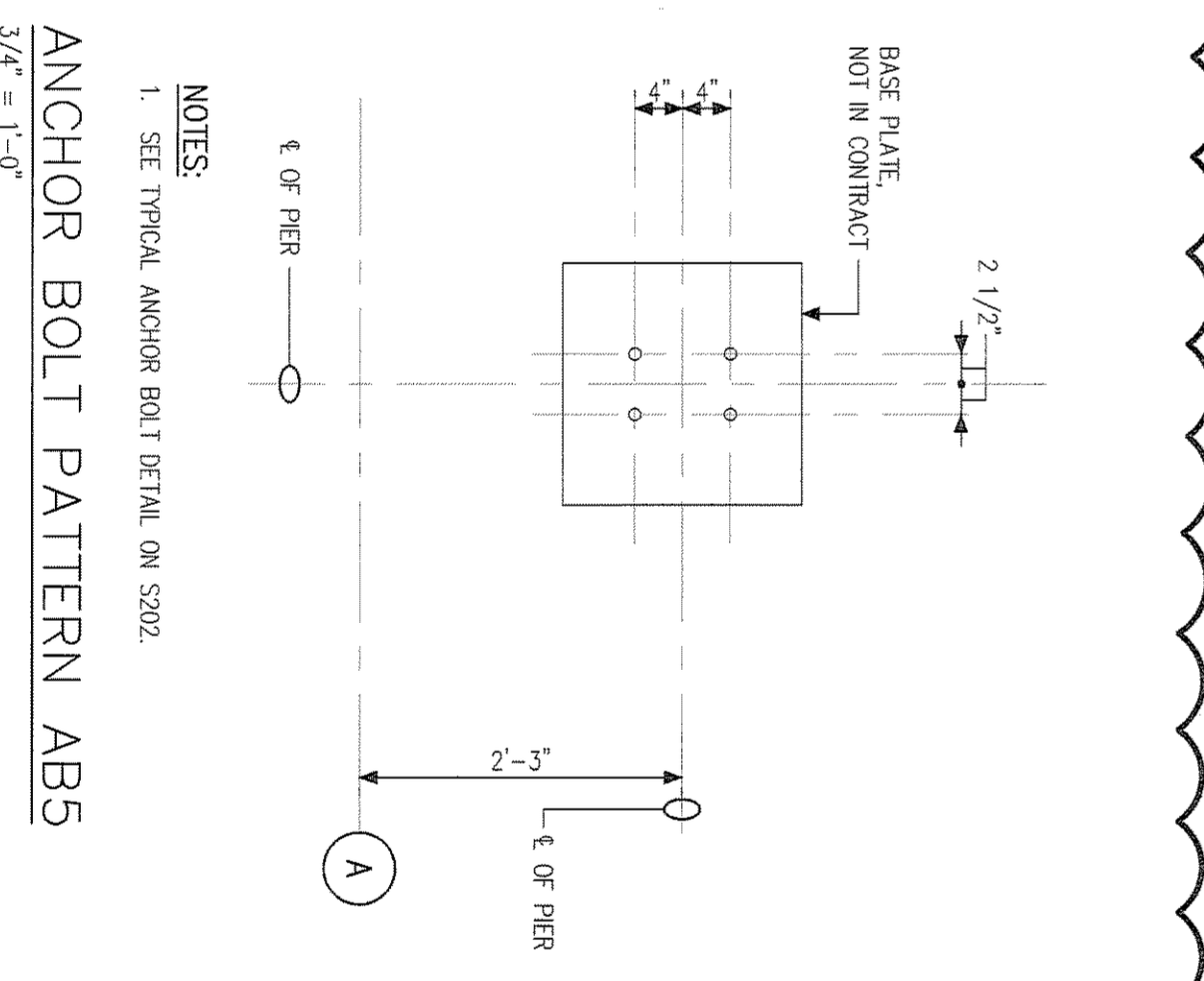
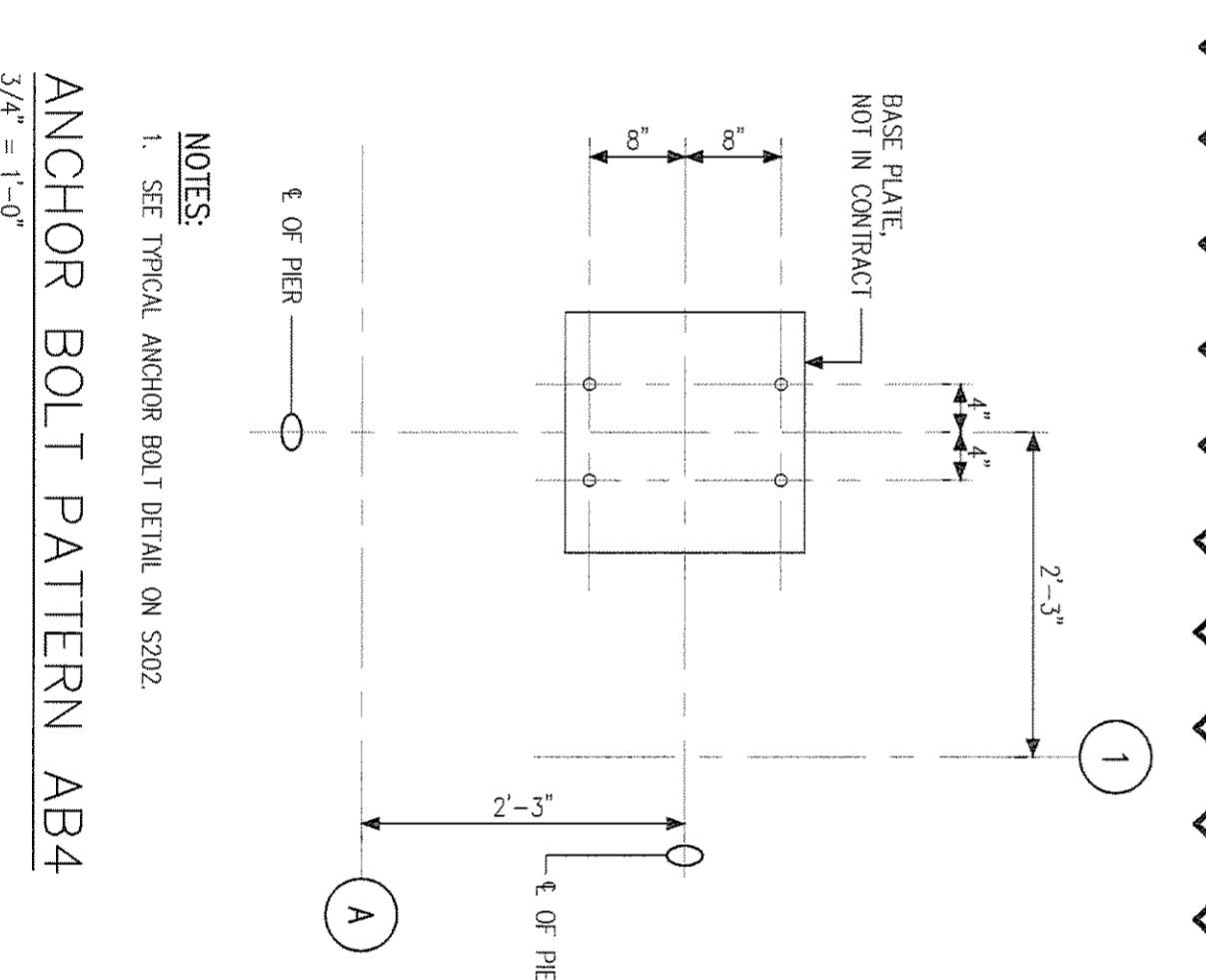
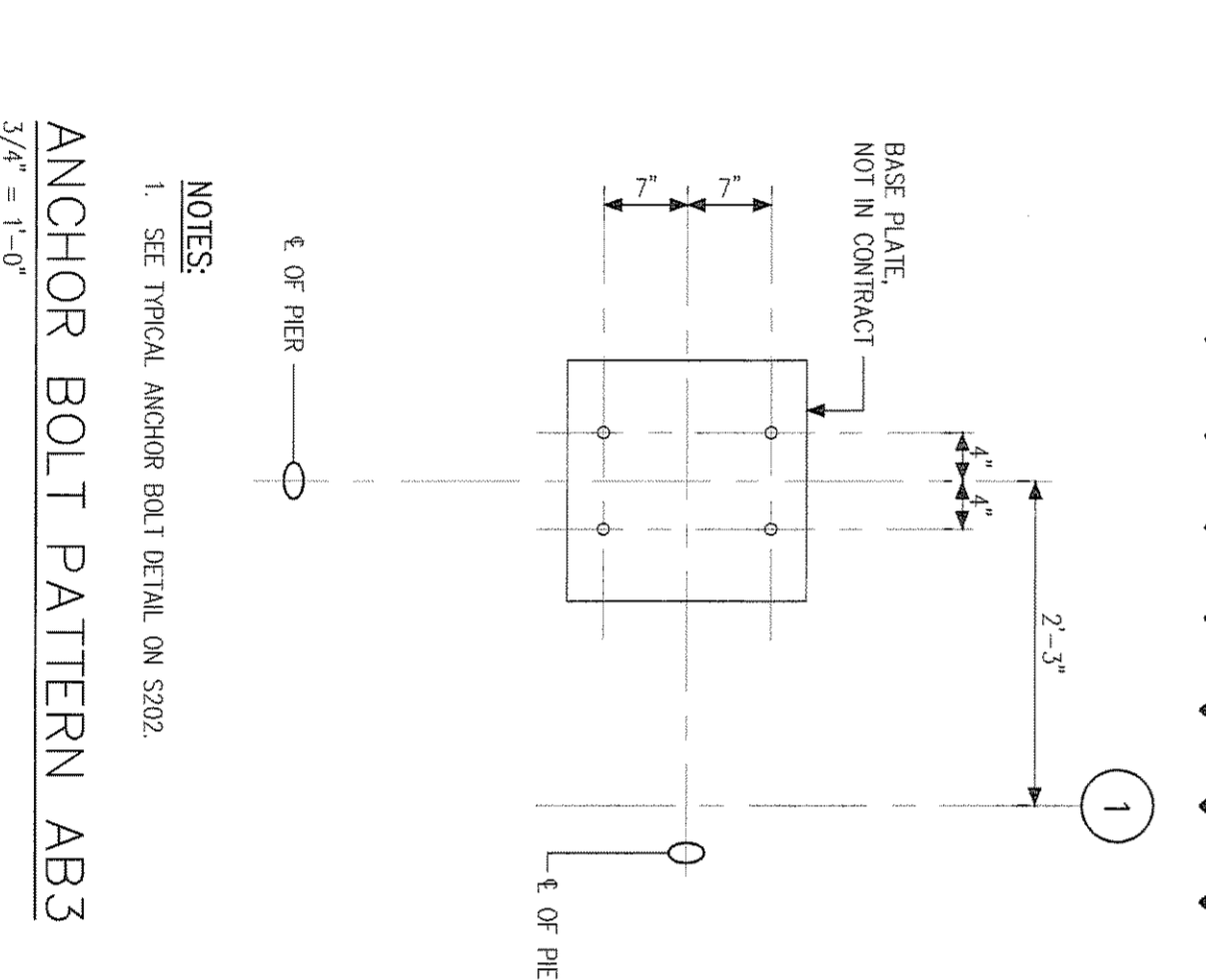
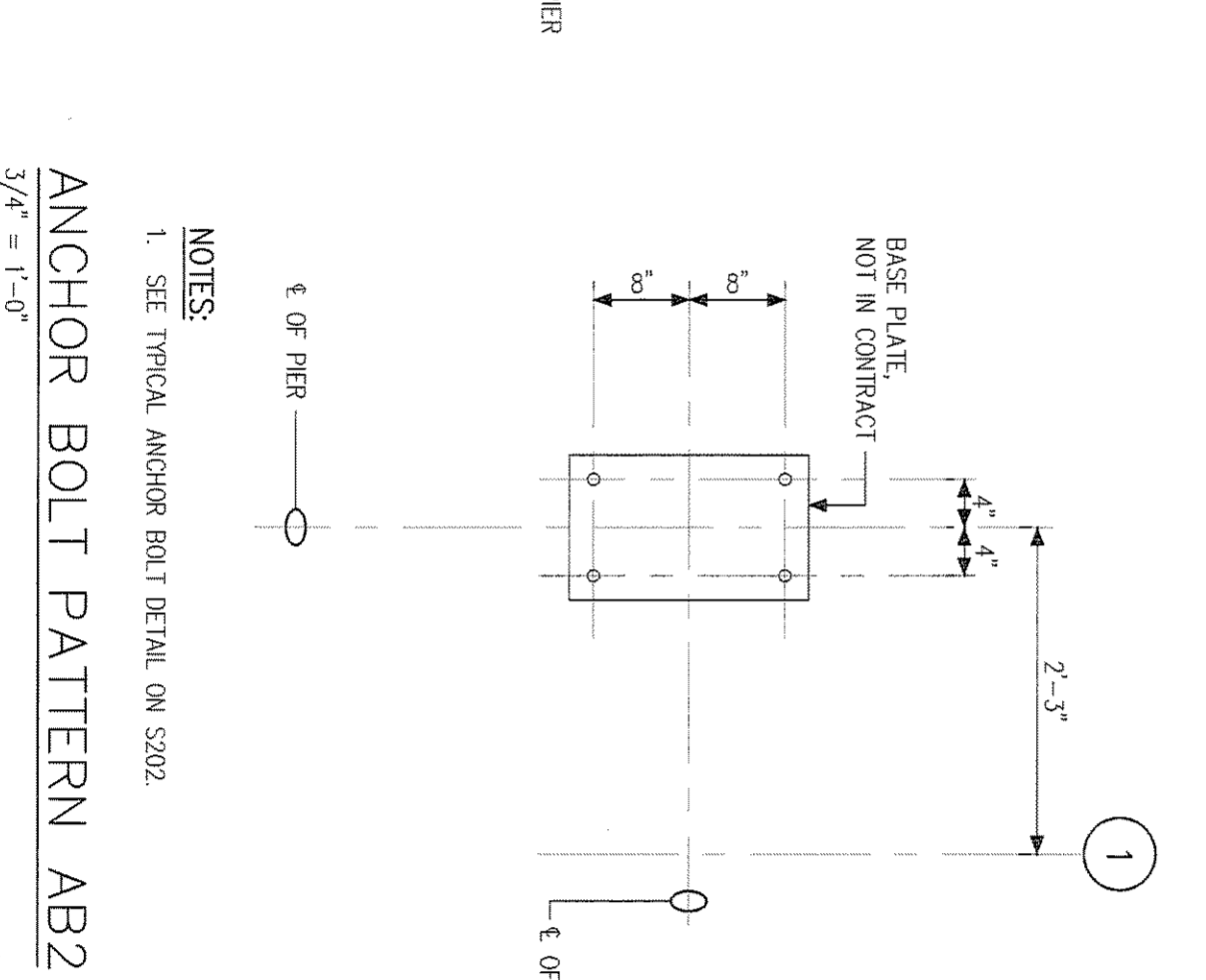
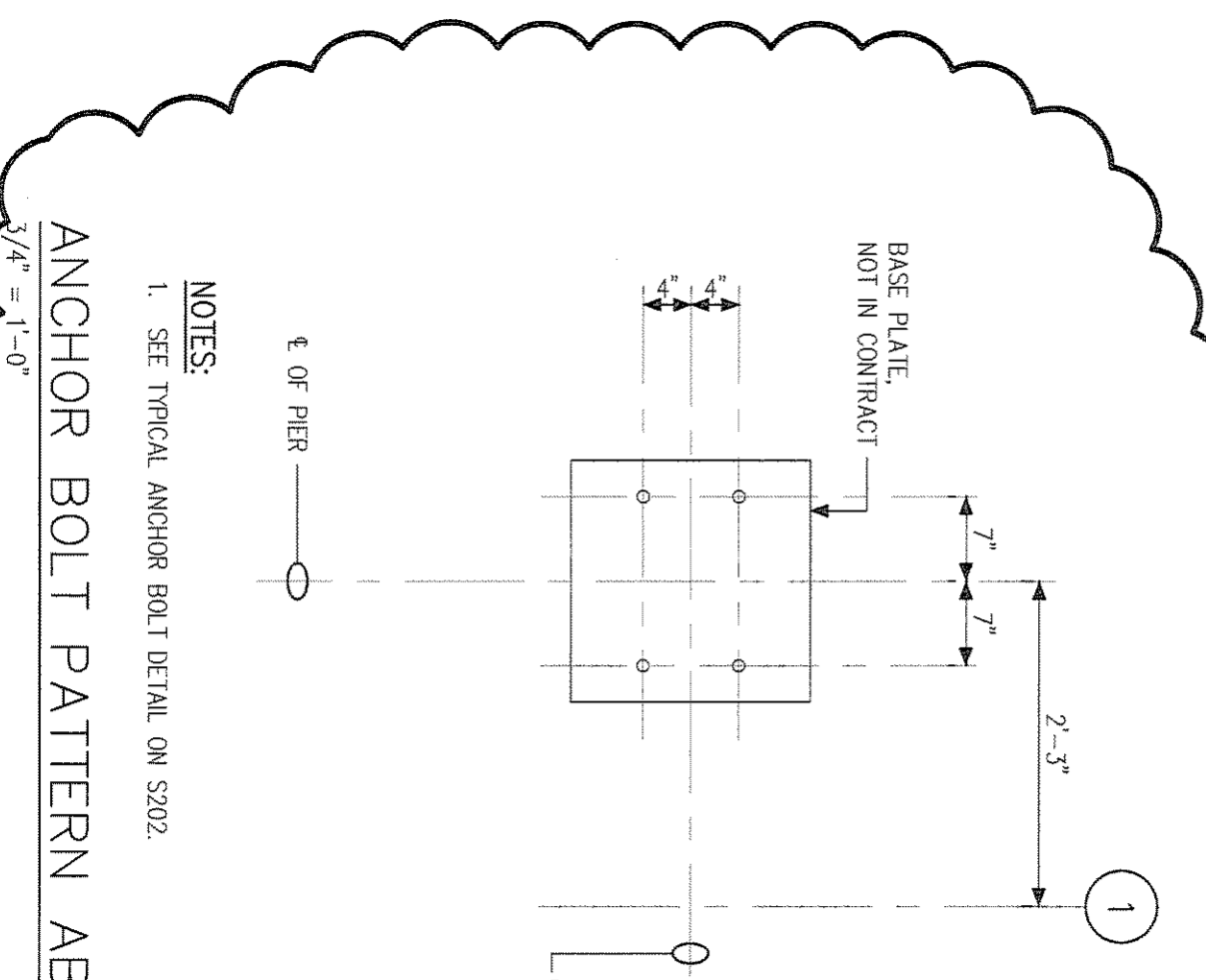
TYPICAL CORNER REINFORCEMENT FOR WALLS - PLAN VIEW
3/8" = 1'-0"

TYPICAL CONCRETE WALL INTERSECTIONS - PLAN VIEW
3/8" = 1'-0"

TYPICAL VERTICAL WALL CONSTRUCTION JOINT
3/8" = 1'-0"

TYPICAL VERTICAL WALL CONTROL JOINT
3/8" = 1'-0"

SECTION
3/4" = 1'-0"



TYPICAL ANCHOR BOLT DETAIL
1/2" = 1'-0"

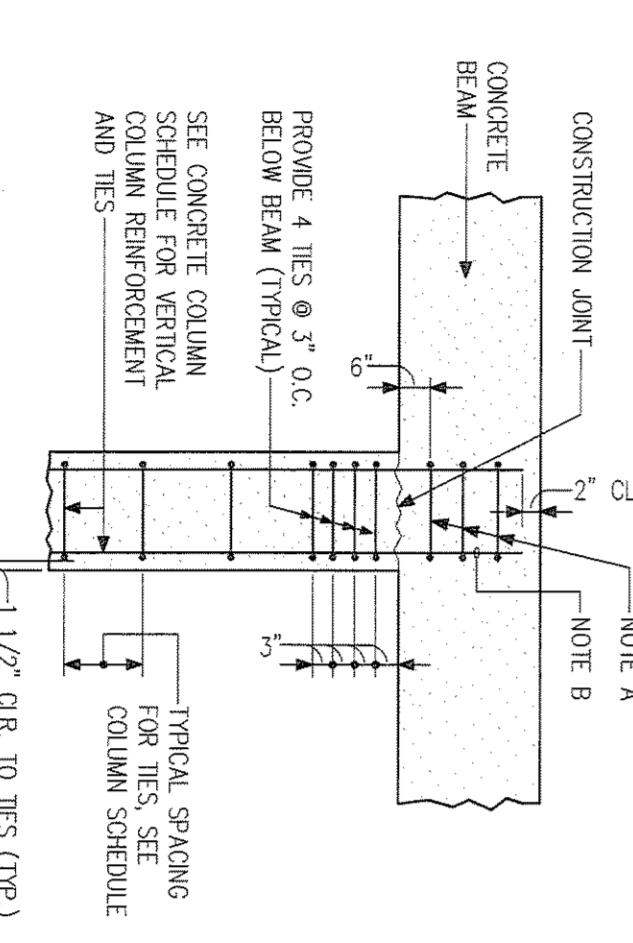
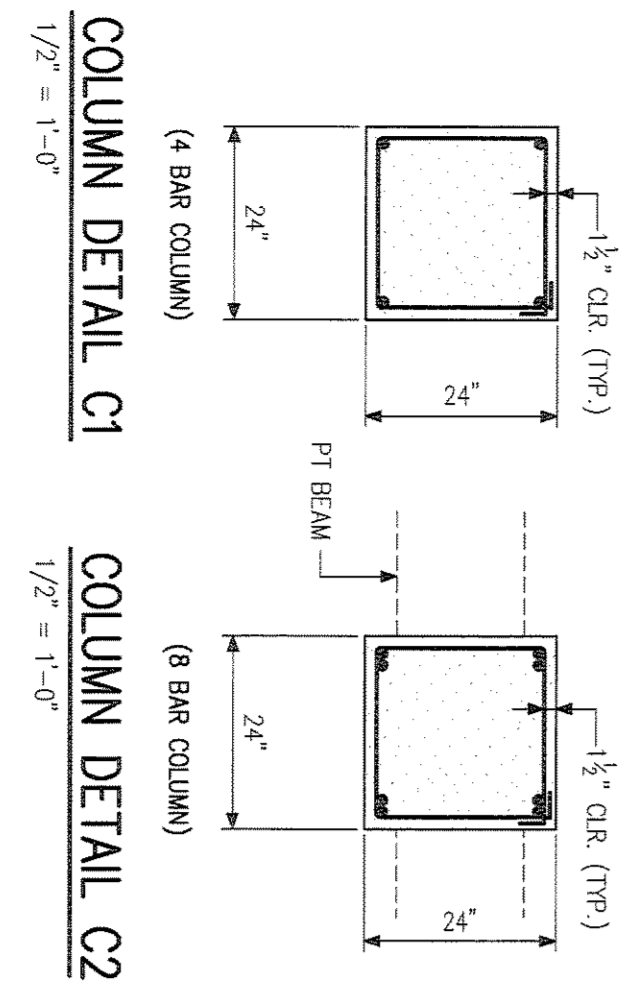
CONCRETE COLUMN SCHEDULE

MARK	SET FRAMING PLAN FOR TOP OF COLUMN ELEVATIONS		FOURTH LEVEL		THIRD LEVEL		SECOND LEVEL		FIRST LEVEL
	MARK	MARK	MARK	MARK	MARK	MARK	MARK		
A-1	A-1	E-1	A-1	E-1	A-1	E-1	A-1	E-1	A-1
A-2	A-2	E-2	A-2	E-2	A-2	E-2	A-2	E-2	A-2
A-3	A-3	E-3	A-3	E-3	A-3	E-3	A-3	E-3	A-3
A-4	A-4	E-4	A-4	E-4	A-4	E-4	A-4	E-4	A-4
A-5	A-5	E-5	A-5	E-5	A-5	E-5	A-5	E-5	A-5
A-6	A-6	E-6	A-6	E-6	A-6	E-6	A-6	E-6	A-6
A-7	A-7	E-7	A-7	E-7	A-7	E-7	A-7	E-7	A-7
A-8	A-8	E-8	A-8	E-8	A-8	E-8	A-8	E-8	A-8
A-9	A-9	E-9	A-9	E-9	A-9	E-9	A-9	E-9	A-9
A-10	A-10	E-10	A-10	E-10	A-10	E-10	A-10	E-10	A-10
<p>1. CONCRETE 28 DAY COMPRESSIVE STRENGTH, $f'_c = 6000$ PSI (CLASS 6)</p> <p>2. REINFORCING STEEL: GRADE 60</p> <p>3. SET FRAMING PLAN FOR TOP OF COLUMN ELEVATIONS</p> <p>4. SET FRAMING PLAN FOR TOP OF COLUMN ELEVATIONS</p> <p>5. SET DETAIL A, S200 (TYPICAL) CONCRETE COLUMN AT FOOTING, BEAM, B/S300 (TYPICAL) COLUMN BUTT SPICE, DETAIL C/S300 (TYPICAL) TOP OF EXTENDED COLUMN AND DETAIL D/S300 (TYPICAL) TOP OF EXTENDED COLUMN AT LIGHT POLE FOR REINFORCEMENT DETAILS</p> <p>6. SEE DETAILS E/S300, F/S300 AND G/S300 (TYPICAL) COLUMN AT RAMP FOR REINFORCEMENT COORDINATION WITH POST-TENSIONED BEAMS</p> <p>7. "TIE" INDICES MECHANICAL TENSION BUTT SPICE - SEE SECTION 02500 CONCRETE REINFORCEMENT; ARTICLE 2.3 OF THE PROJECT MANUAL FOR MECHANICAL TENSION BUTT SPICE STANDARDS</p> <p>8. WHERE MECHANICAL TENSION BUTT SPICES ARE REQUIRED, STAGGER THE SPICES AS SHOWN IN DETAIL A/S300 (TYPICAL) CONCRETE COLUMN AT FOOTING AND DETAIL D/S300 (TYPICAL) COLUMN BUTT SPICE</p> <p>9. TERMINATE COLUMN VERTICAL REINFORCEMENT, INDICATED AS DISCONTINUOUS BELOW A GIVEN LEVEL, 3'-0" ABOVE THAT LEVEL</p> <p>10. BEAM COLUMN VERTICAL REINFORCEMENT, INDICATED AS DISCONTINUOUS BELOW A GIVEN LEVEL, AT THAT LEVEL WITH NO STUDS</p> <p>11. SET DETAIL I/S300 (TYPICAL) REINFORCEMENT AT BEAM PT ANCHORS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS</p> <p>12. SET REINFORCING STEEL NOTE 14 ON DRAWING S202 FOR FRAY-COATED REINFORCING STEEL</p> <p>13. SEE DRAWING S202 FOR CONCRETE SCHEDULE AND GENERAL NOTES PERTAINING TO CONCRETE AND REINFORCING STEEL</p>									

CONCRETE COLUMN SCHEDULE NOTES:

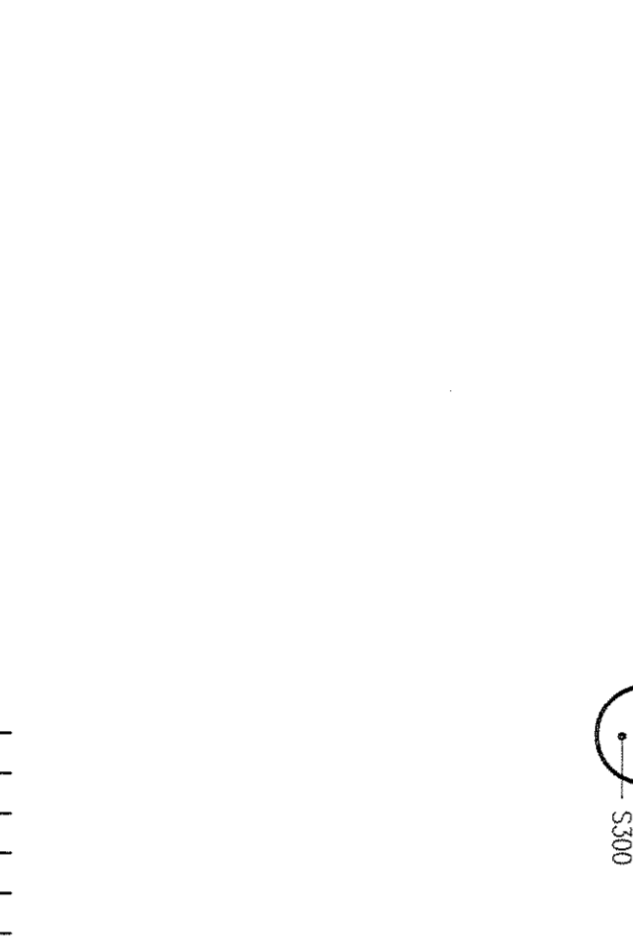
1. CONCRETE 28 DAY COMPRESSIVE STRENGTH, $f'_c = 6000$ PSI (CLASS 6)
2. REINFORCING STEEL: GRADE 60
3. SET FRAMING PLAN FOR TOP OF COLUMN ELEVATIONS
4. SET FRAMING PLAN FOR TOP OF COLUMN ELEVATIONS
5. SET DETAIL A, S200 (TYPICAL) CONCRETE COLUMN AT FOOTING, BEAM, B/S300 (TYPICAL) COLUMN BUTT SPICE, DETAIL C/S300 (TYPICAL) TOP OF EXTENDED COLUMN AND DETAIL D/S300 (TYPICAL) TOP OF EXTENDED COLUMN AT LIGHT POLE FOR REINFORCEMENT DETAILS
6. SEE DETAILS E/S300, F/S300 AND G/S300 (TYPICAL) COLUMN AT RAMP FOR REINFORCEMENT COORDINATION WITH POST-TENSIONED BEAMS
7. "TIE" INDICES MECHANICAL TENSION BUTT SPICE - SEE SECTION 02500 CONCRETE REINFORCEMENT; ARTICLE 2.3 OF THE PROJECT MANUAL FOR MECHANICAL TENSION BUTT SPICE STANDARDS
8. WHERE MECHANICAL TENSION BUTT SPICES ARE REQUIRED, STAGGER THE SPICES AS SHOWN IN DETAIL A/S300 (TYPICAL) CONCRETE COLUMN AT FOOTING AND DETAIL D/S300 (TYPICAL) COLUMN BUTT SPICE
9. TERMINATE COLUMN VERTICAL REINFORCEMENT, INDICATED AS DISCONTINUOUS BELOW A GIVEN LEVEL, 3'-0" ABOVE THAT LEVEL
10. BEAM COLUMN VERTICAL REINFORCEMENT, INDICATED AS DISCONTINUOUS BELOW A GIVEN LEVEL, AT THAT LEVEL WITH NO STUDS
11. SET DETAIL I/S300 (TYPICAL) REINFORCEMENT AT BEAM PT ANCHORS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS
12. SET REINFORCING STEEL NOTE 14 ON DRAWING S202 FOR FRAY-COATED REINFORCING STEEL
13. SEE DRAWING S202 FOR CONCRETE SCHEDULE AND GENERAL NOTES PERTAINING TO CONCRETE AND REINFORCING STEEL

ORIENT VERTICAL BAR BUNDLES AS SHOWN TO FACILITATE INSTALLATION OF BEAM POST-TENSIONING TENDONS.



NOTE A: PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

NOTE B: PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.



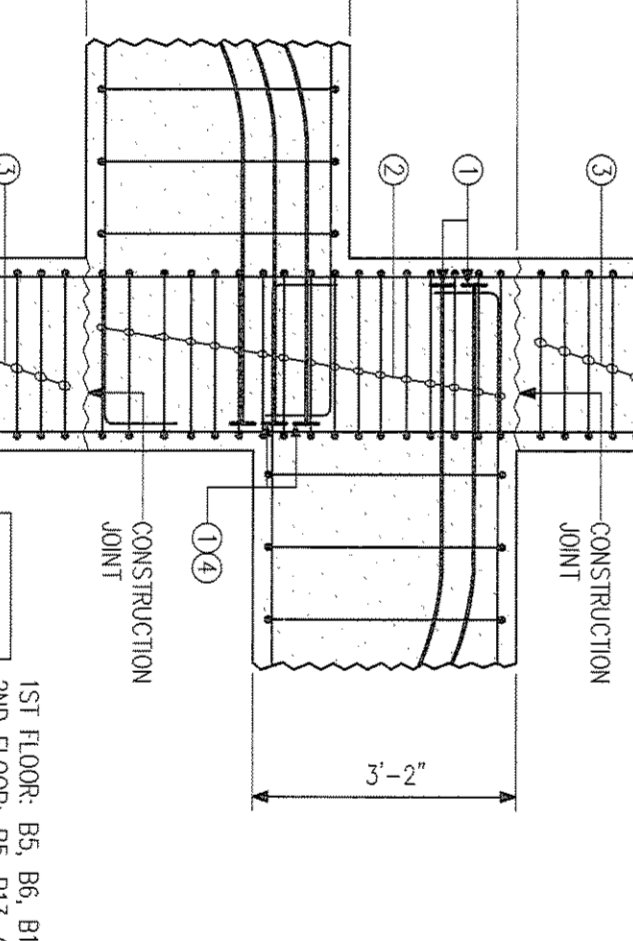
NOTE A: PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

NOTE B: PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.



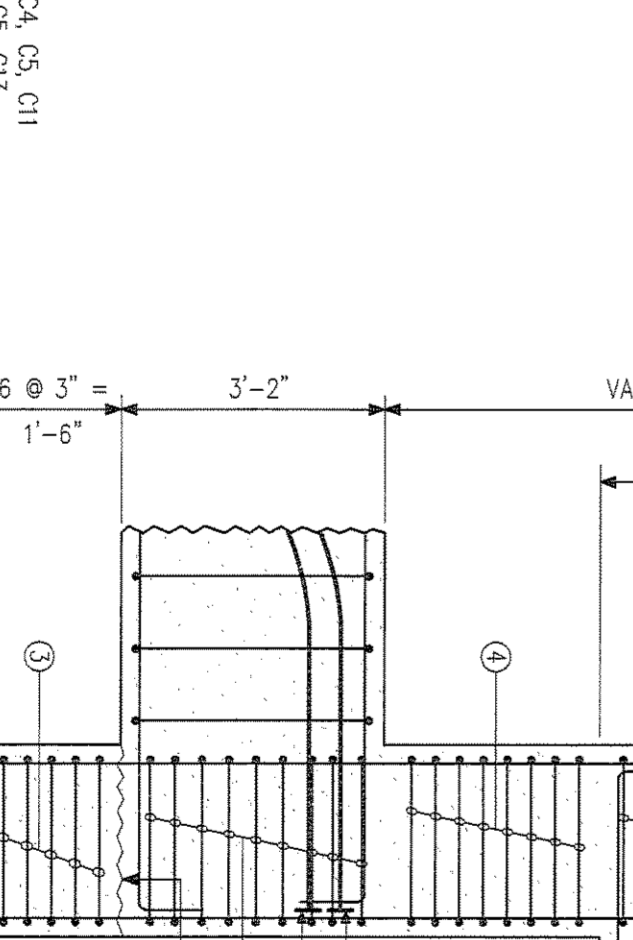
NOTE A: PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

NOTE B: PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.



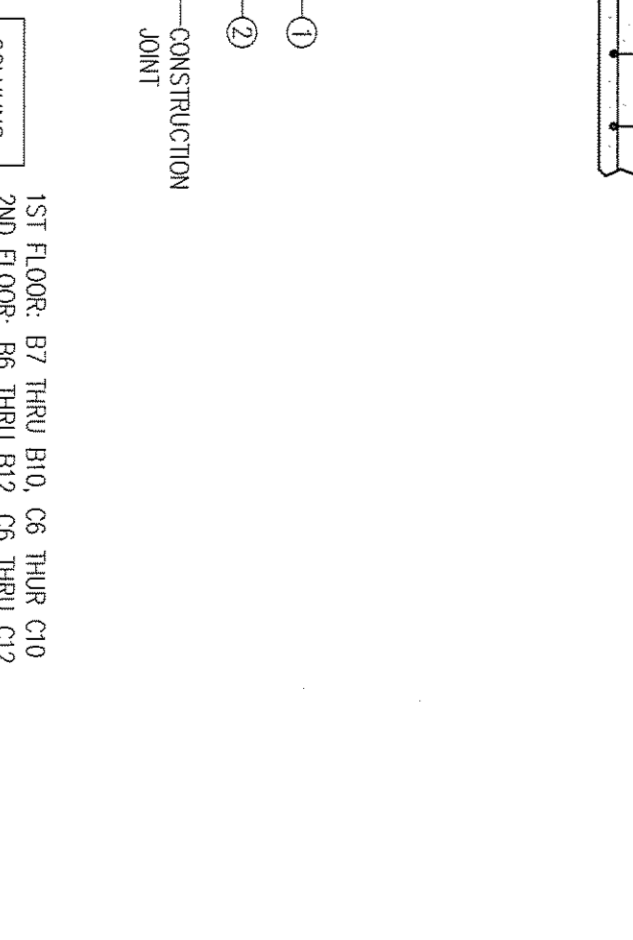
NOTE A: PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

NOTE B: PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.



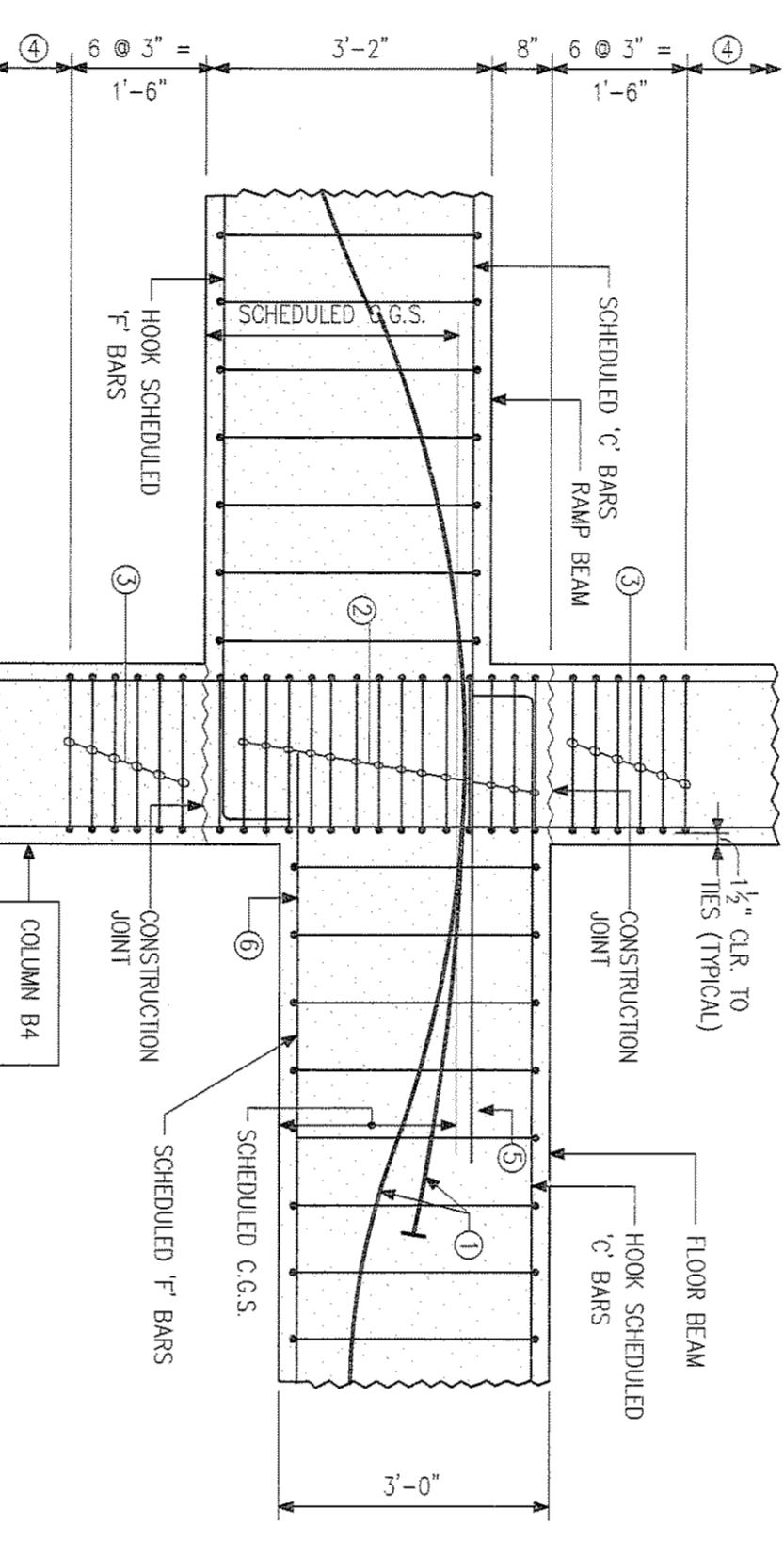
NOTE A: PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

NOTE B: PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

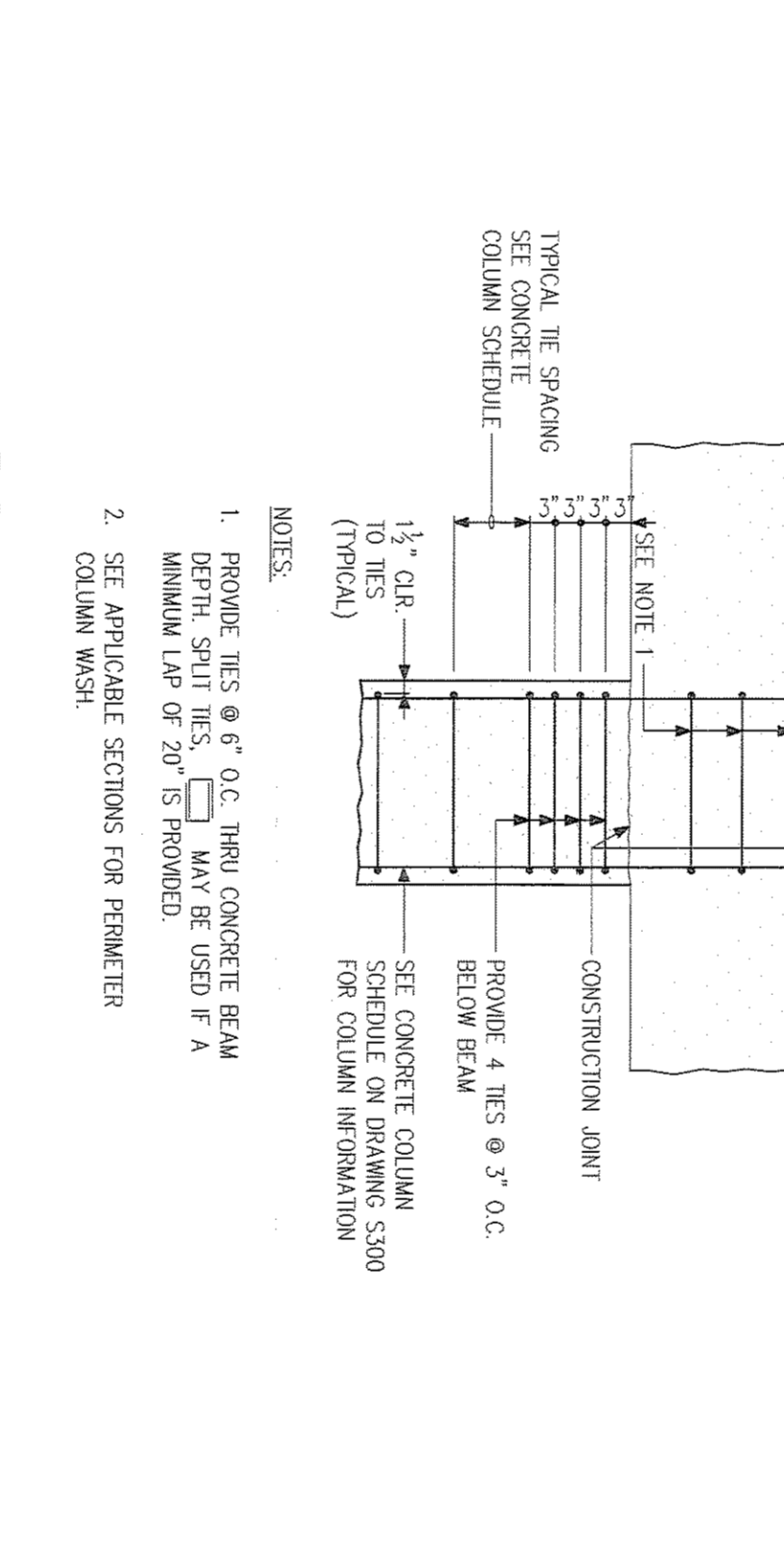


NOTE A: PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.

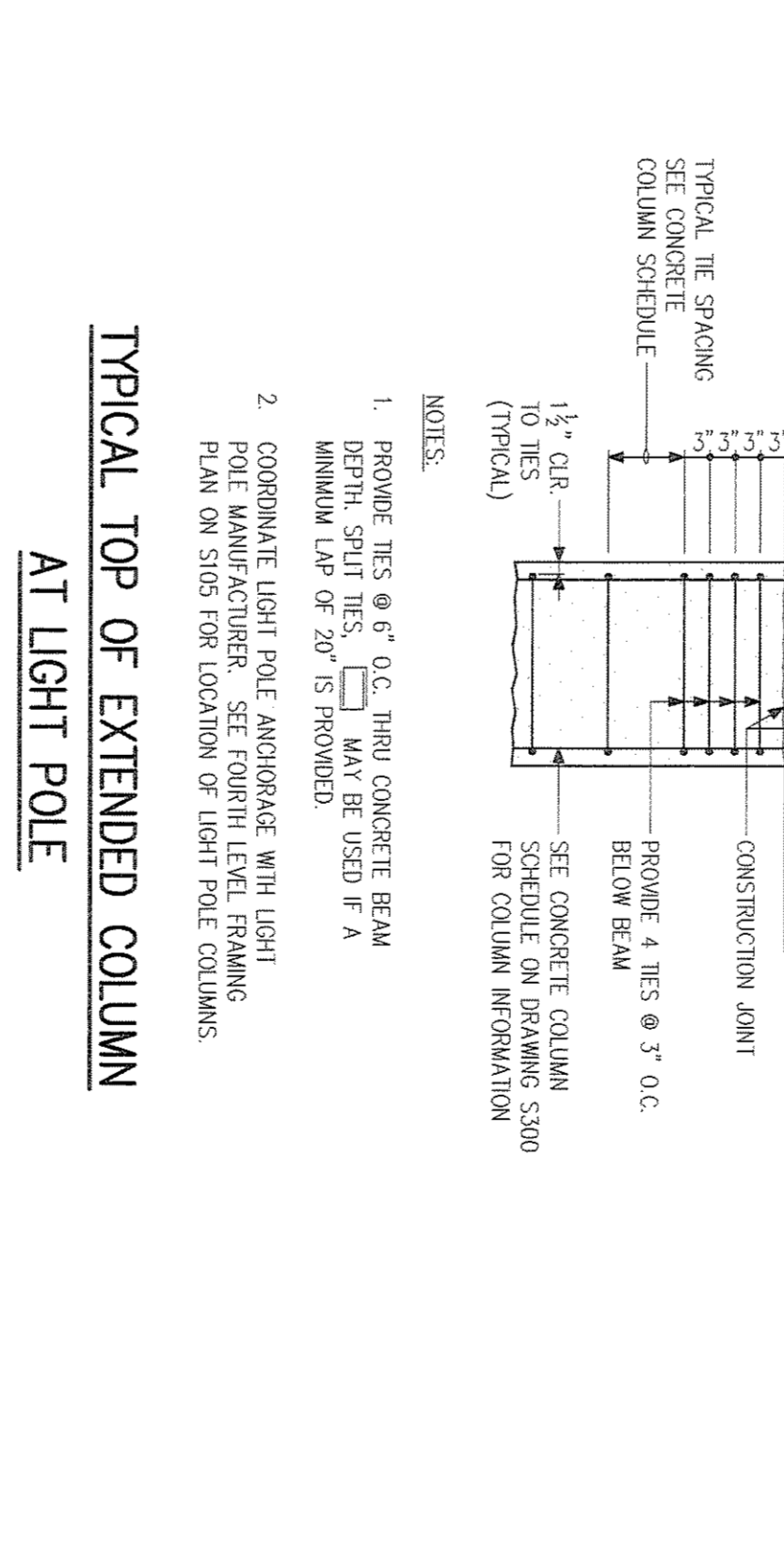
NOTE B: PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP IS PROVIDED.



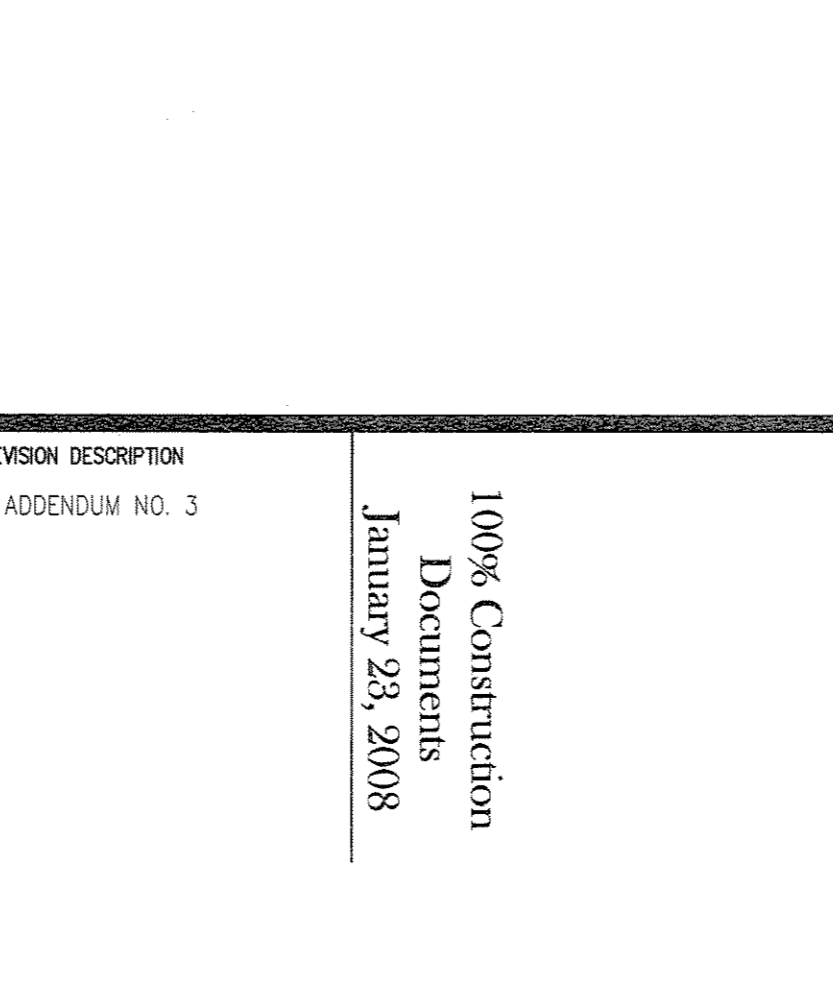
- NOTES:
1. PROVIDE SCHEDULED TENSION THROUGH BEAMS TO MEET REQUIRED FORCE IN RAMP BEAM. DETAIL END AND ANY ADDITIONAL THROUGH AT BEAM AND DEPTH AT 1/4 POINT OF FLOOR BEAM
 2. PROVIDE TIES BETWEEN CONSTRUCTION JOINTS AT 3' O.C. USE SPLIT TIES, \square , WITH A MINIMUM LAP OF 20"
 3. TYPICAL TIE SHAPE, \square , AS INDICATED IN COLUMN DETAILS
 4. SEE CONCRETE COLUMN SCHEDULE ON DRAWING S200 FOR TYPICAL TIE SPACING
 5. EXTEND BEAM TOP REINFORCEMENT INTO ADJACENT SPAN, WITH LENGTH BEYOND COLUMN FACE EQUAL TO TYPICAL LAP SPICE (SEE TENSION LAP SPICE TABLE ON DRAWING S202)
 6. EXTEND BEAM BOTTOM REINFORCEMENT 1'-0" INTO COLUMN



- NOTES:
1. PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 2. SEE APPLICABLE SECTIONS FOR REINFORCING STEEL
 3. COLUMN WASH

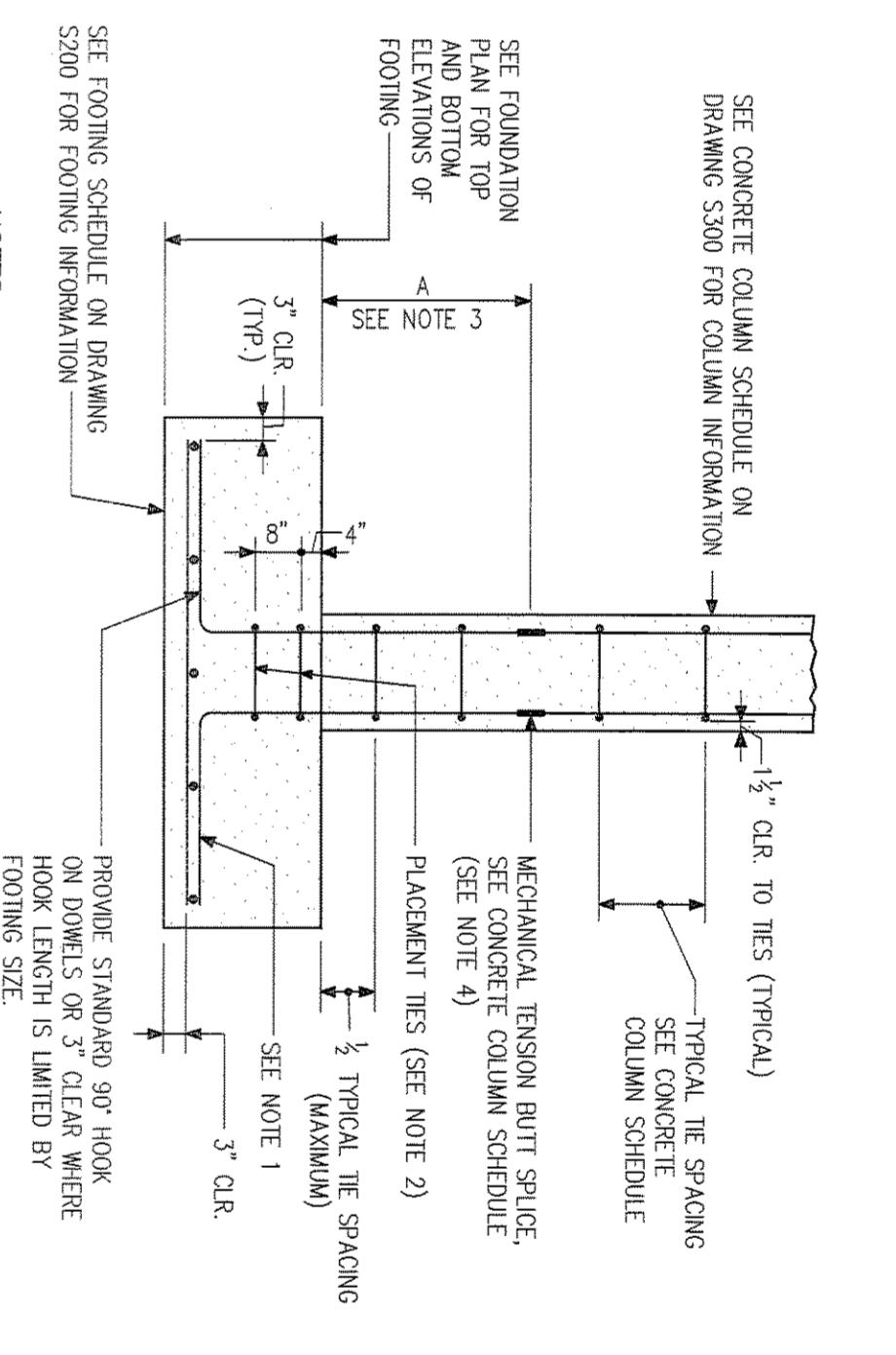


- NOTES:
1. PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 2. COORDINATE LIGHT POLE ANCHORAGE WITH LIGHT POLE MANUFACTURER. SEE FOURTH LEVEL FRAMING PLAN ON S105 FOR LOCATION OF LIGHT POLE COLUMNS



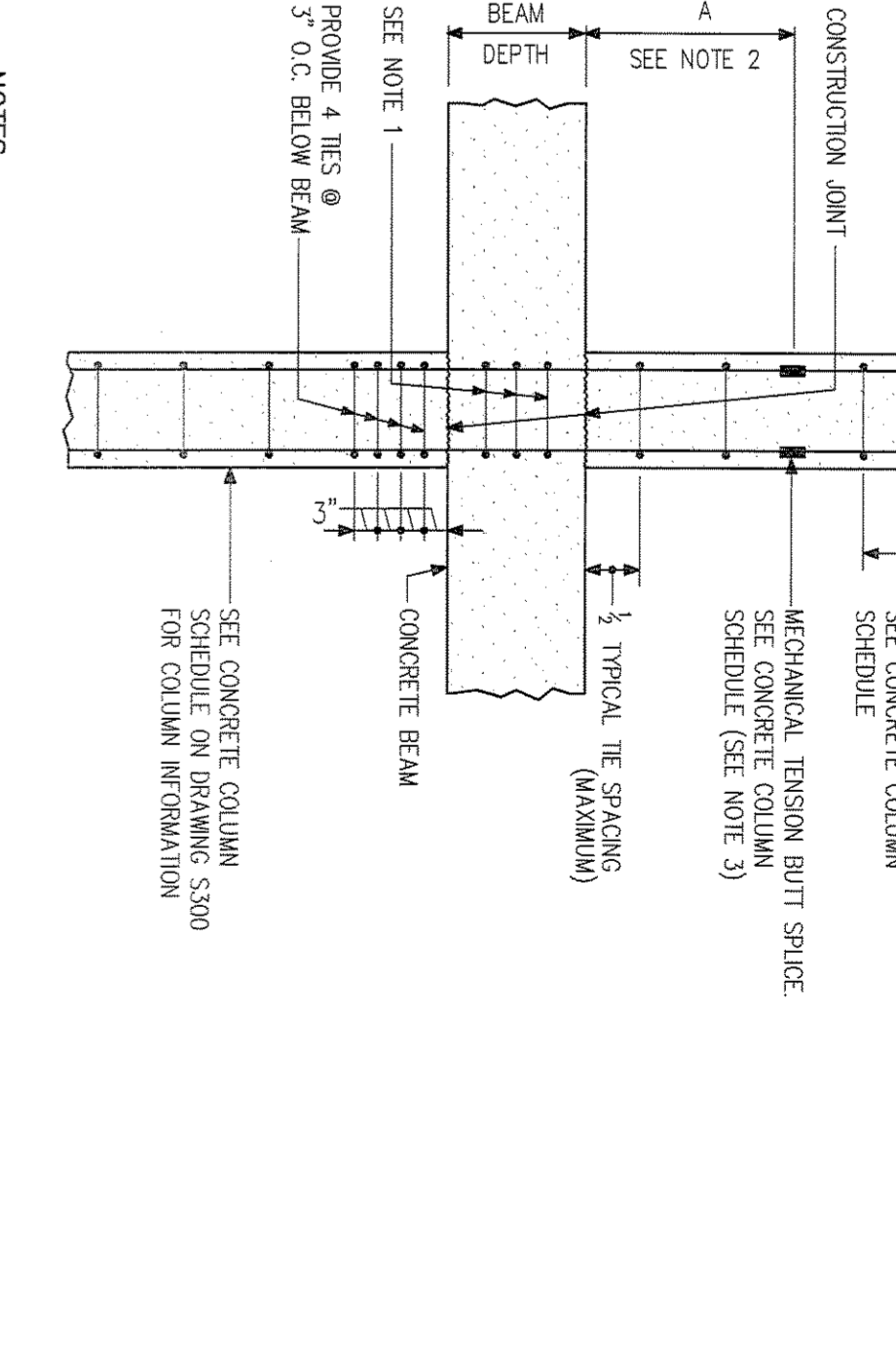
- NOTES:
1. PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 2. PROVIDE 4 #4 BUNDLED BARS IN EACH CORNER. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 3. TYPICAL TIE SHAPE, \square , AS INDICATED IN COLUMN DETAILS
 4. ADJUST BEAM BOTTOM REINFORCEMENT HORIZONTALLY TO ALLOW FOR TIES
 5. SEE CONCRETE COLUMN SCHEDULE ON DRAWING S200 FOR TYPICAL TIE SPACING

TYPICAL CONCRETE COLUMN AT FOOTING



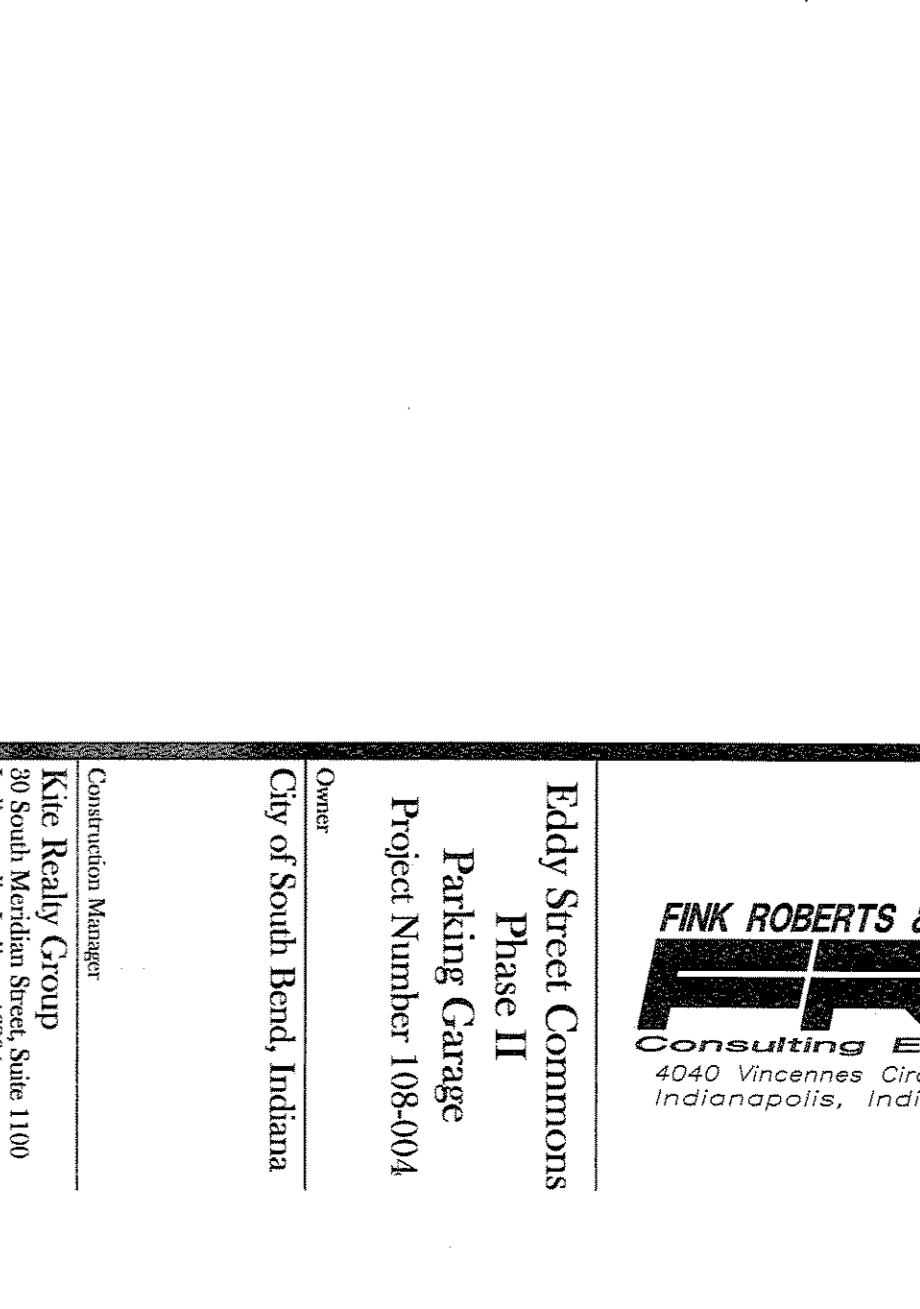
- NOTES:
1. PROVIDE FOOTING DOWN TO THE SAME SIZE AND SPACING AS VERTICAL COLUMN REINFORCEMENT
 2. PROVIDE ADDITIONAL PLACEMENT TIES SPACED AT 12" IN HOODS
 3. A = 2'-0" FOR 1/2" OF VERTICAL BARS
 4. A = 4'-0" FOR 1/2" OF VERTICAL BARS
 5. SEE SECTION 02500, CONCRETE REINFORCEMENT, ARTICLE 2.3 OF THE PROJECT MANUAL FOR MECHANICAL TENSION BUTT SPICE STANDARDS

TYPICAL COLUMN BUTT SPICE



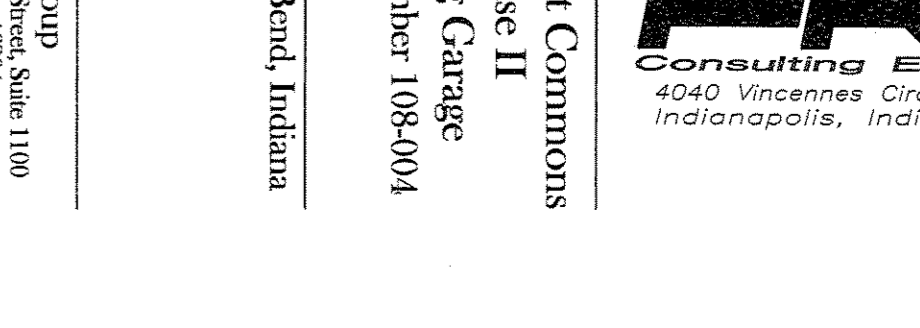
- NOTES:
1. PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 2. A = 2'-0" FOR 1/2" OF VERTICAL BARS
 3. SEE SECTION 02500, CONCRETE REINFORCEMENT, ARTICLE 2.3 OF THE PROJECT MANUAL FOR MECHANICAL TENSION BUTT SPICE STANDARDS

TYPICAL TOP OF EXTENDED COLUMN

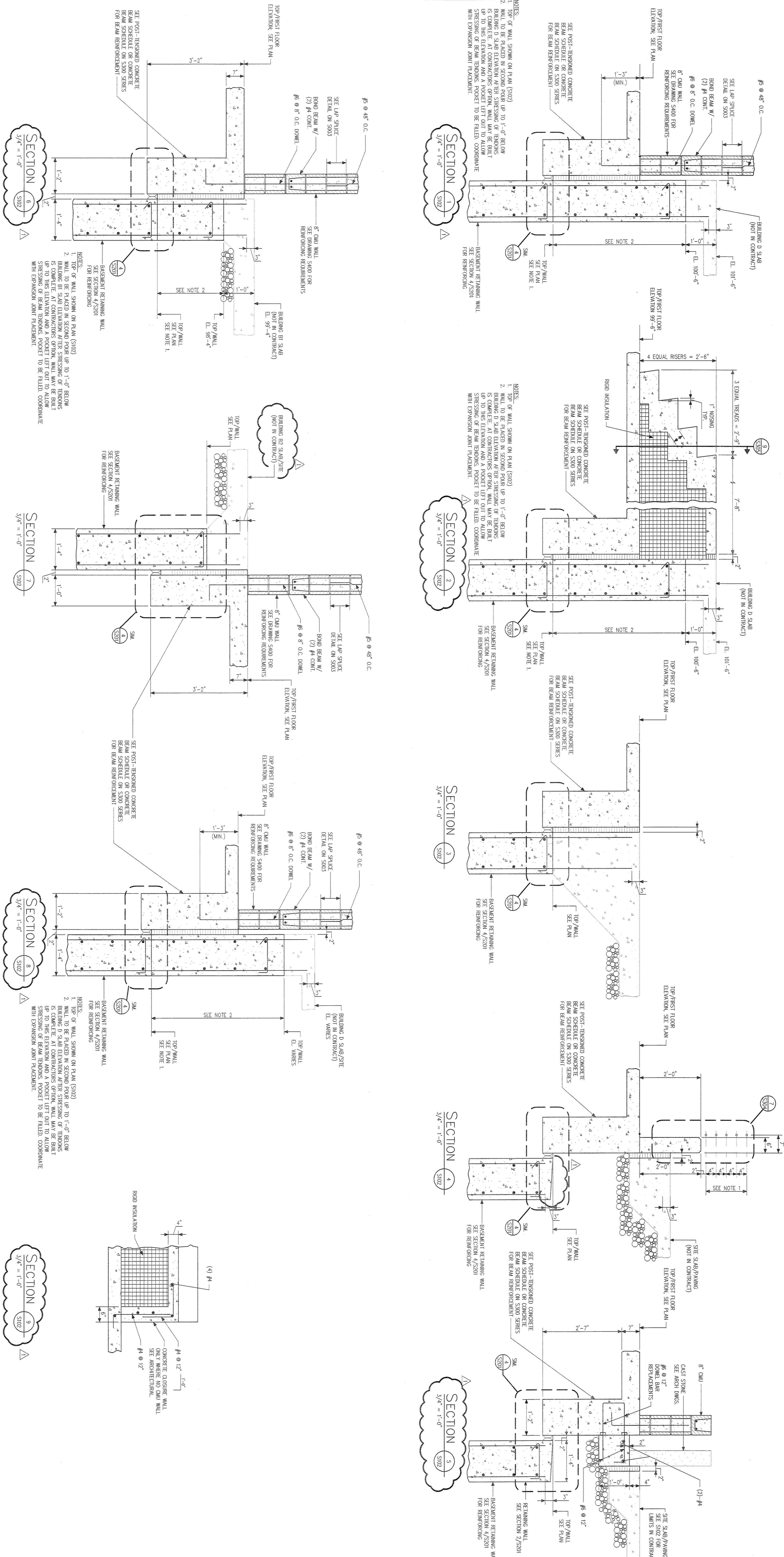


- NOTES:
1. PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 2. COORDINATE LIGHT POLE ANCHORAGE WITH LIGHT POLE MANUFACTURER. SEE FOURTH LEVEL FRAMING PLAN ON S105 FOR LOCATION OF LIGHT POLE COLUMNS

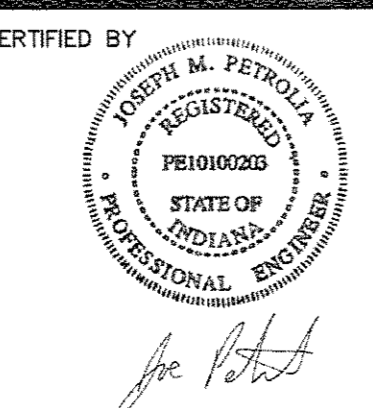
TYPICAL TOP OF EXTENDED COLUMN AT LIGHT POLE



- NOTES:
1. PROVIDE TIES AT 6" O.C. THRU CONCRETE BEAM DEPTH. SPLIT TIES, \square , MAY BE USED IF A MINIMUM LAP OF 20" IS PROVIDED
 2. COORDINATE LIGHT POLE ANCHORAGE WITH LIGHT POLE MANUFACTURER. SEE FOURTH LEVEL FRAMING PLAN ON S105 FOR LOCATION OF LIGHT POLE COLUMNS



SHEET NO.	07097
DESIGN DATE	01/23/08
CHECKED BY	JMP
DESIGN DRAWN BY	SVC
DESIGN PROJECT NO.	07097



REVISION DATE 02-14-08
 REVISION DESCRIPTION ADDENDUM NO. 3

100% Construction Documents
 January 23, 2008

City of South Bend, Indiana
 172 Tower Plaza, Suite 400
 Mishawaka, Indiana 46544
 574-239-9296

FINN ROBERTS & PETRIE, INC.
 Consulting Engineers
 4040 Vincennes Circle Suite 300
 Indianapolis, Indiana 46226

**Eddy Street Commons
 Phase II
 Parking Garage**
 Project Number 108-004

City of South Bend, Indiana

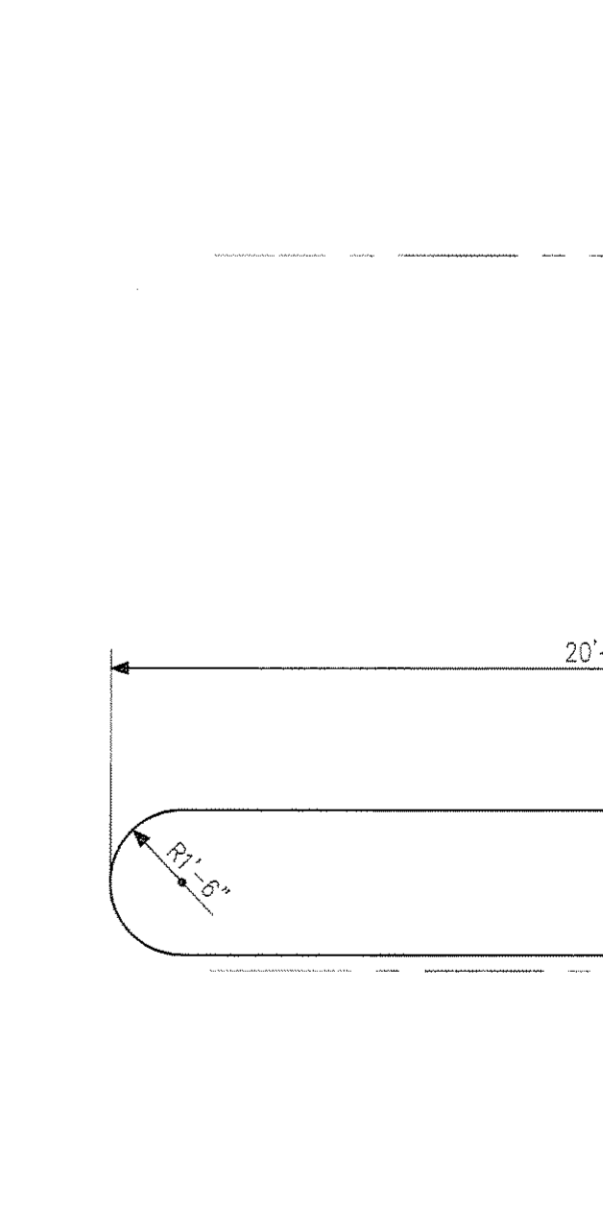
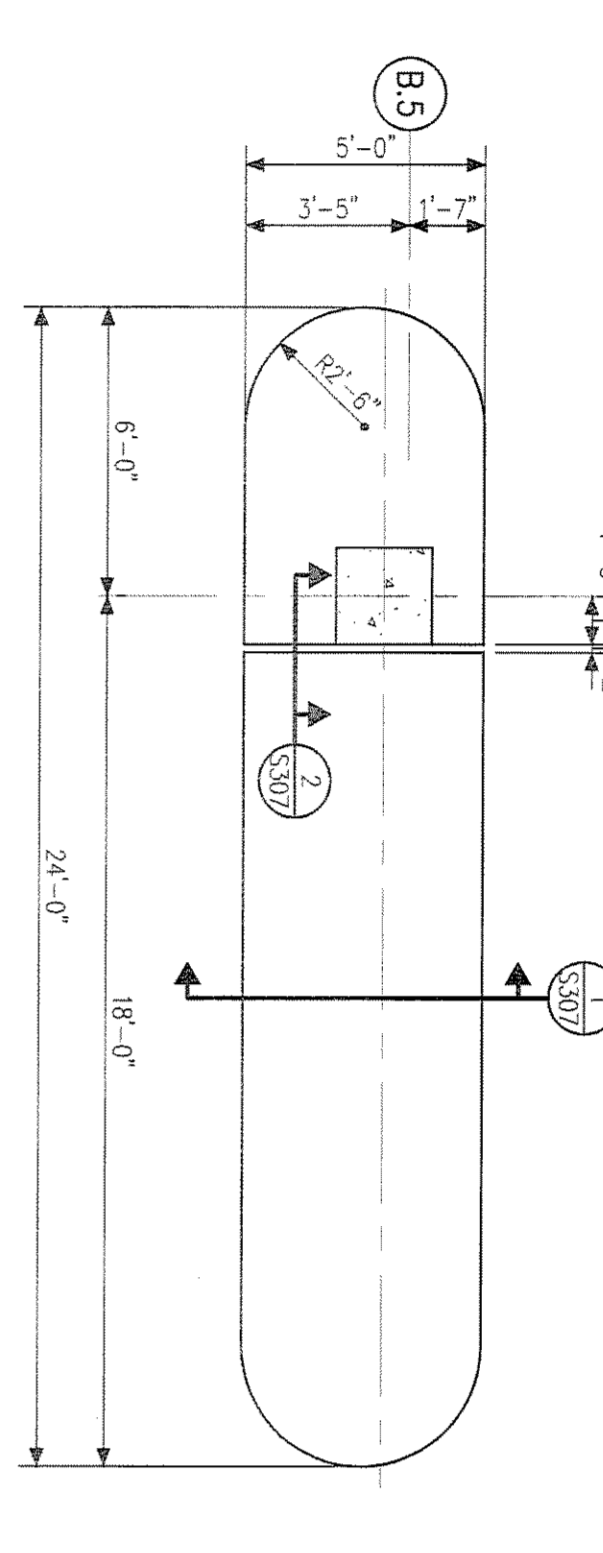
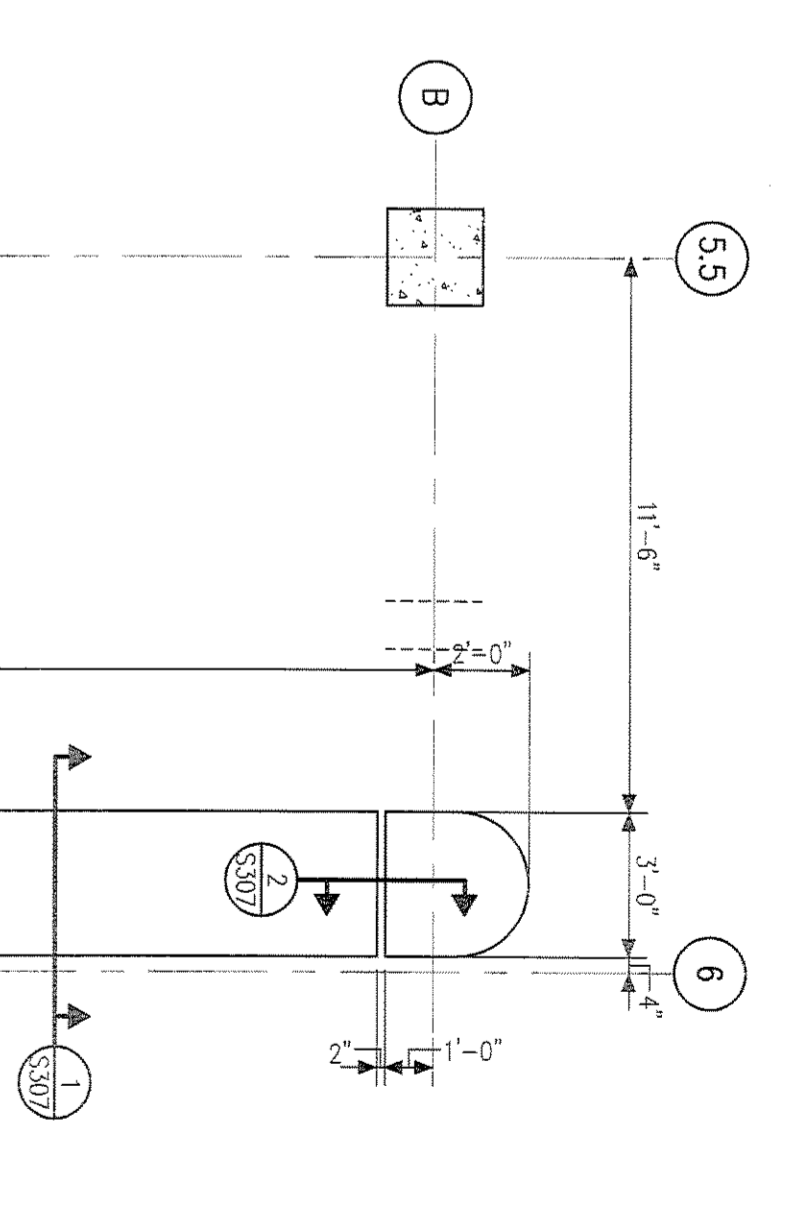
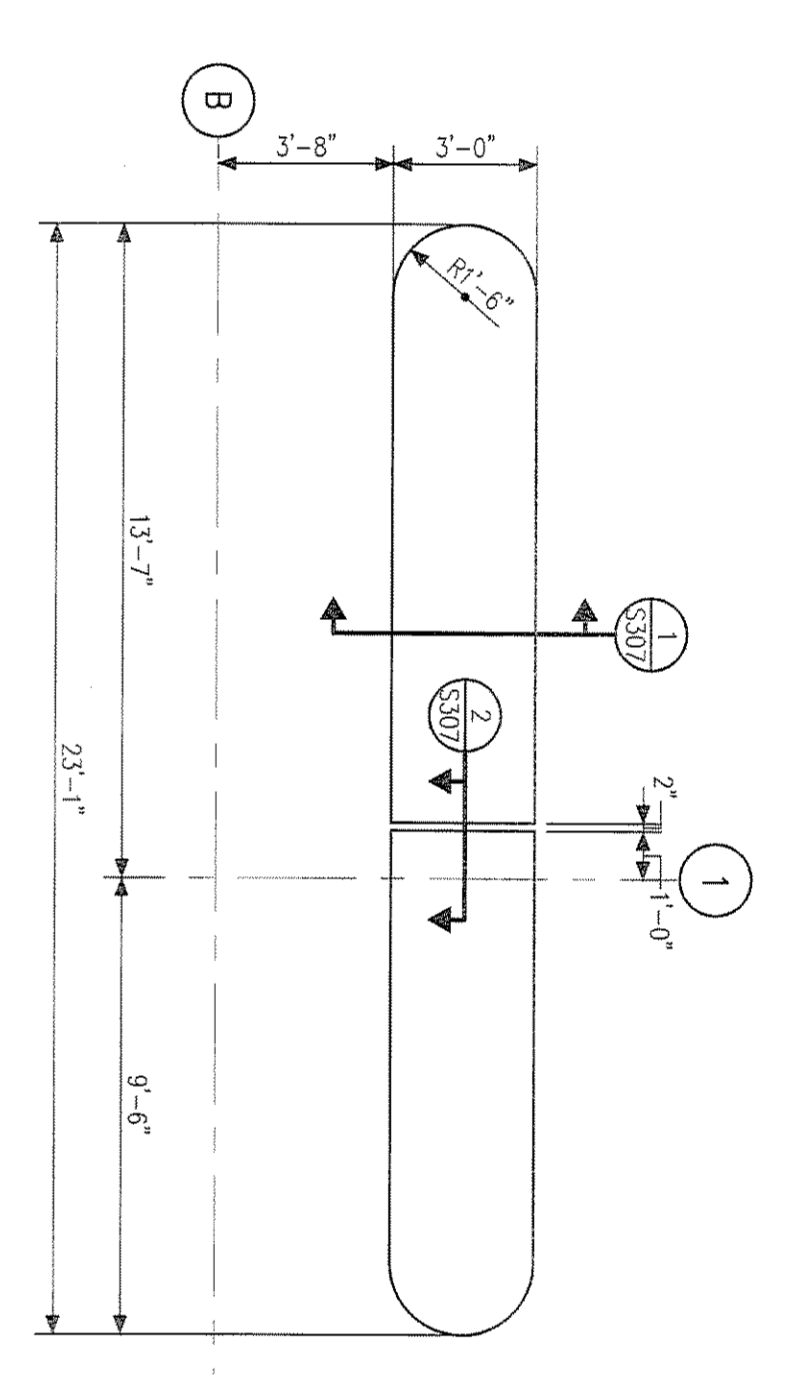
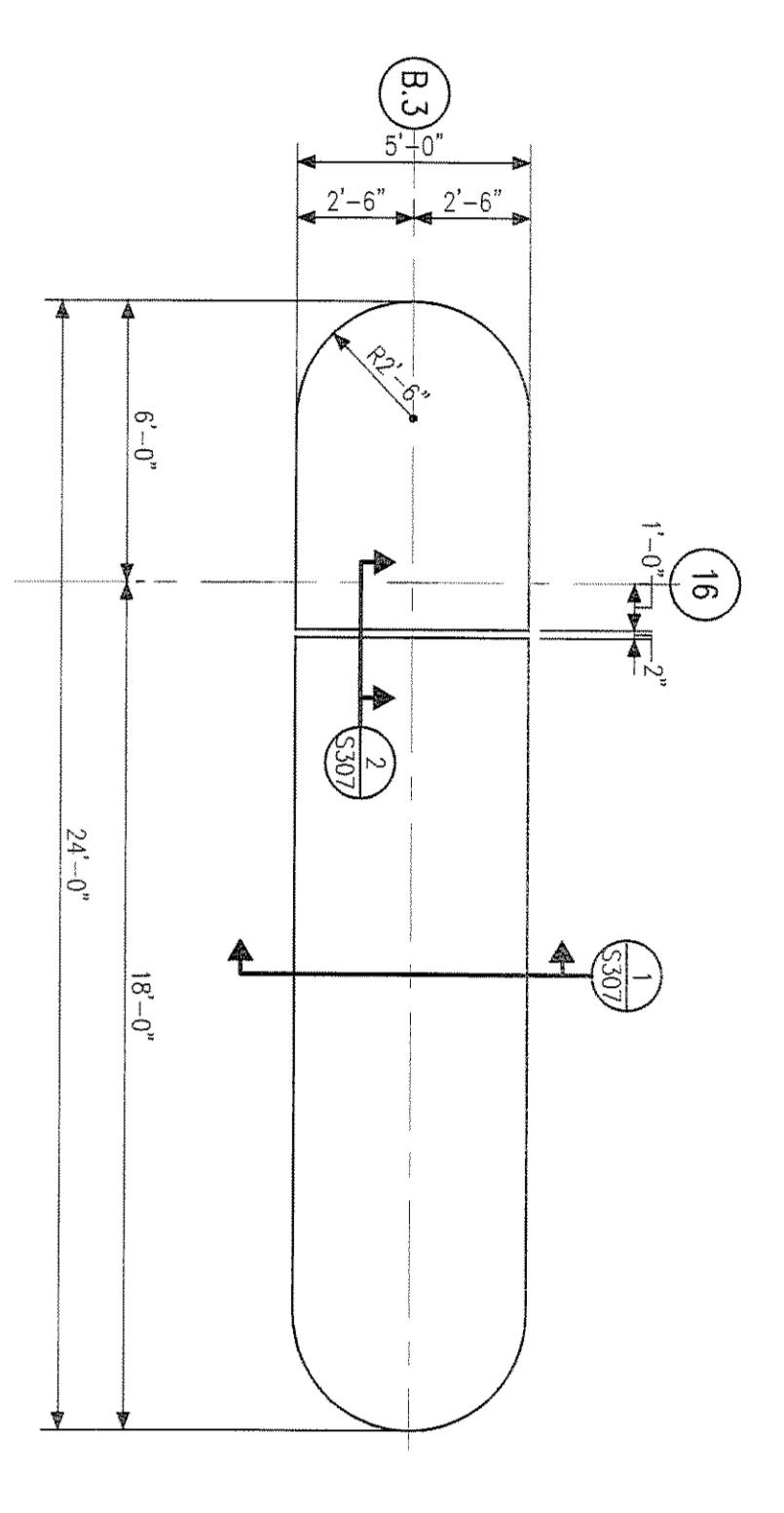
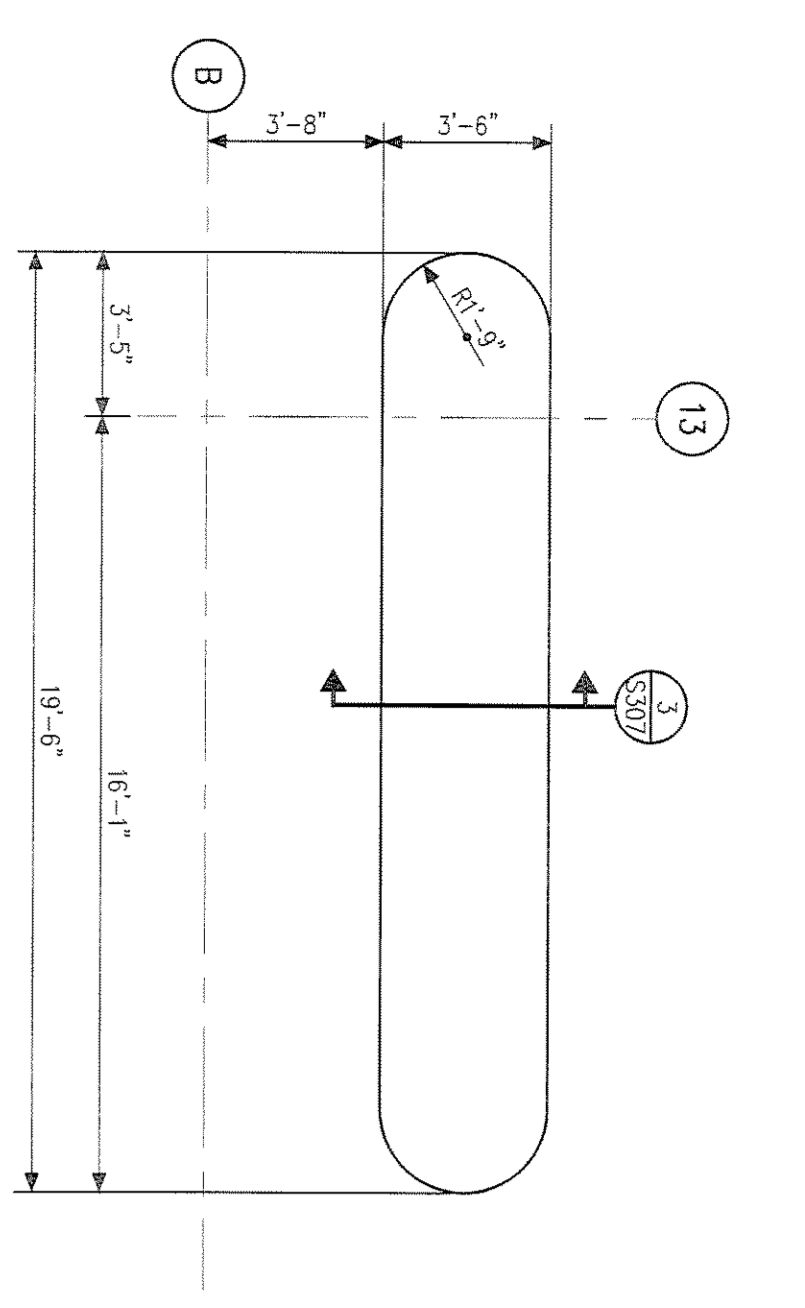
Construction Manager:
 Kitz Realty Group
 90 South Meridian Street, Suite 100
 Indianapolis, Indiana 46204
 317-974-0869

Structural Engineer:
 Finn, Roberts & Petrie, Inc.
 172 Tower Plaza, Suite 400
 Mishawaka, Indiana 46544
 574-239-9296

Architect:
 Anthony Rick's Kiss
 172 Tower Plaza, Suite 400
 Mishawaka, Indiana 46544
 574-239-9296

Mechanical, Electrical & Plumbing Engineer:
 Circle Design Group P
 172 Tower Plaza, Suite 400
 Mishawaka, Indiana 46544
 574-239-9296

Project Consultant:
 Walker Parking Consultants
 6092 East 25th Street, Suite 210
 Indianapolis, Indiana 46226
 317-846-0890



DETAIL A
1/4" = 1'-0"

DETAIL B
1/4" = 1'-0"

DETAIL C
1/4" = 1'-0"

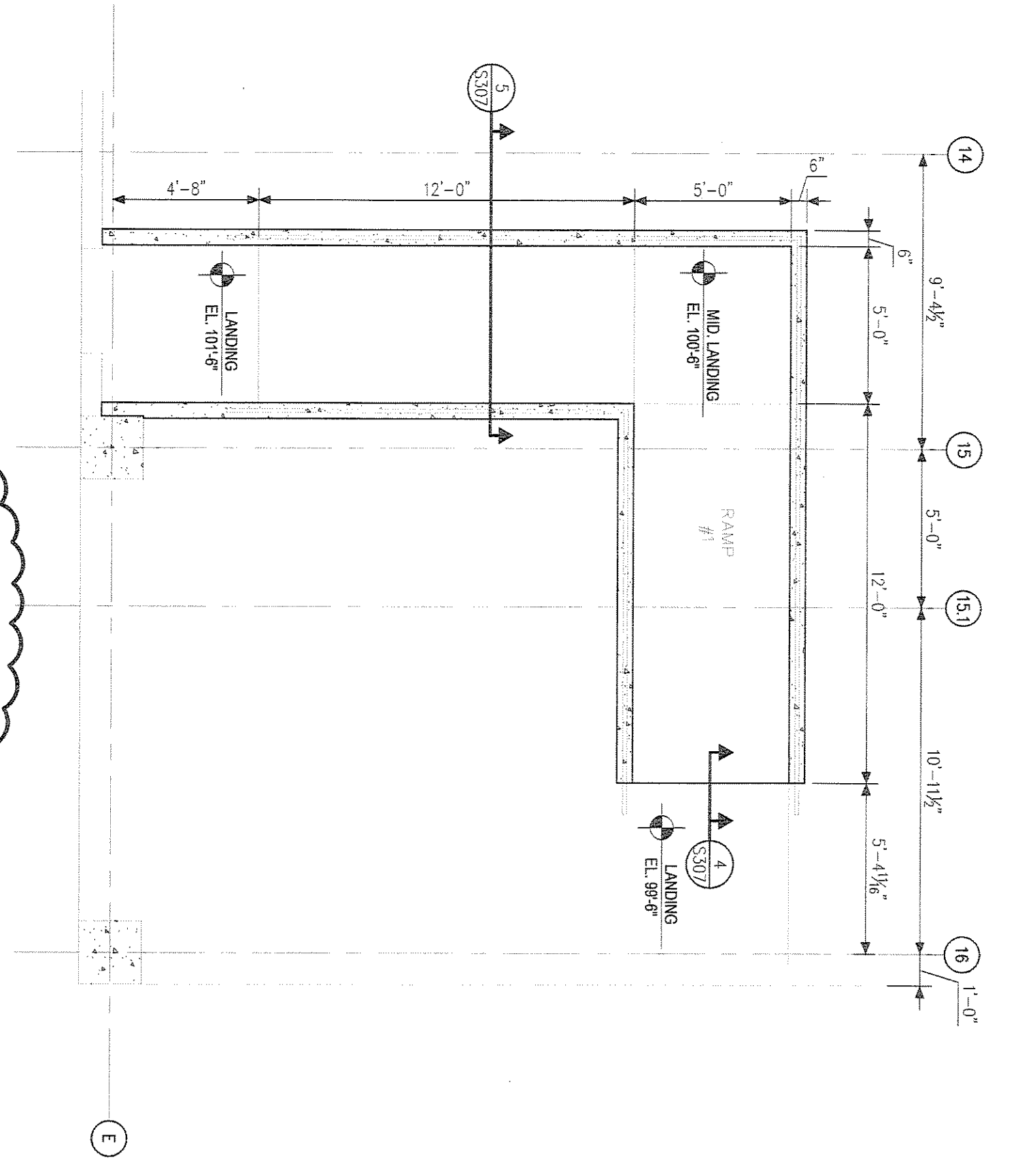
DETAIL D
1/4" = 1'-0"

DETAIL E
1/4" = 1'-0"

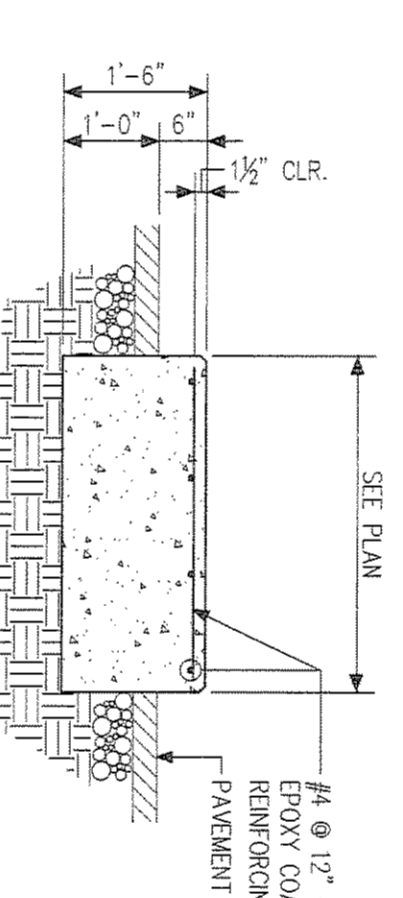
DETAIL F
1/4" = 1'-0"

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

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



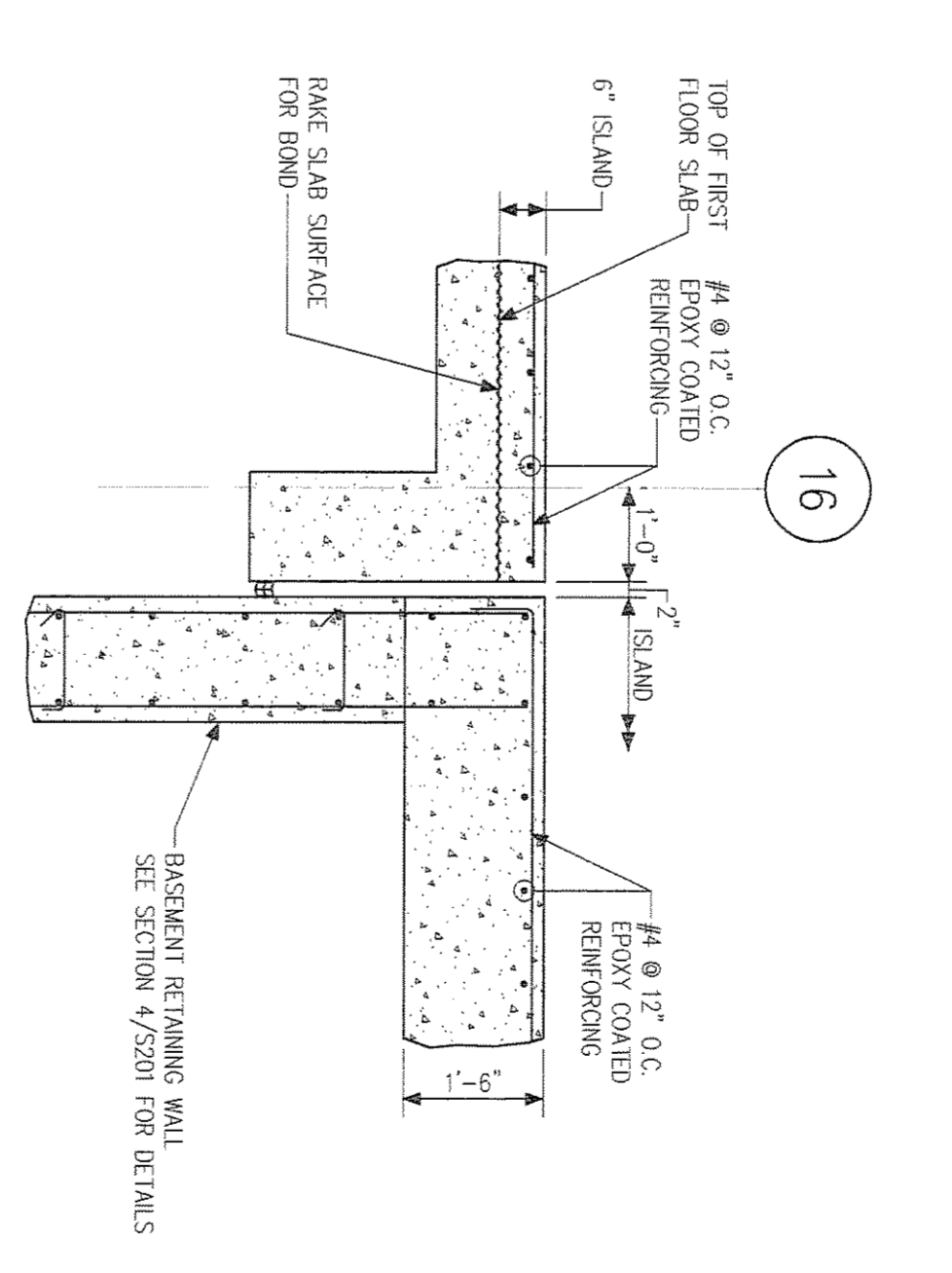
DETAIL F
1/4" = 1'-0"



NOTES:
1. SEE DIMENSIONS OF AND FOR ADDITIONAL REINFORCING CHAIRS/STAIRS INCLUDING ENERGIZED ITEMS AND BOLLARDS.

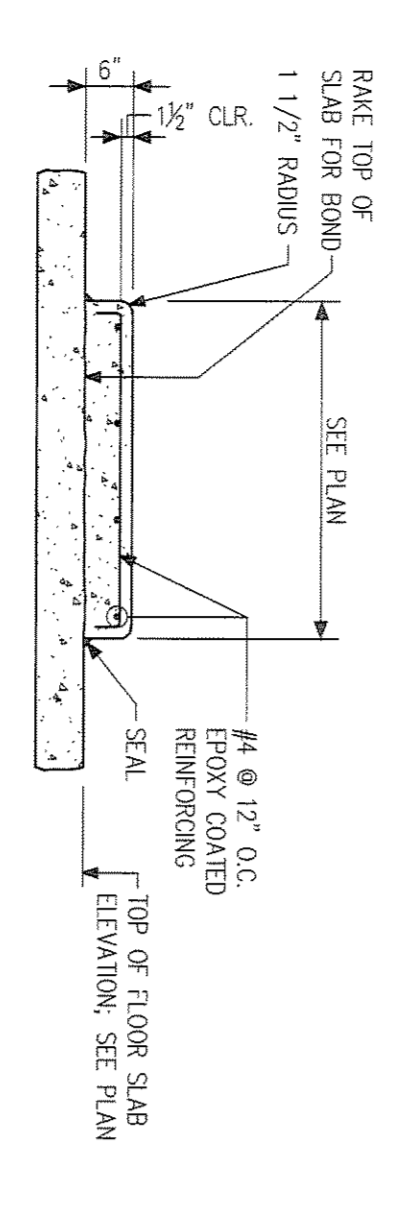
SECTION 1
1/2" = 1'-0"

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



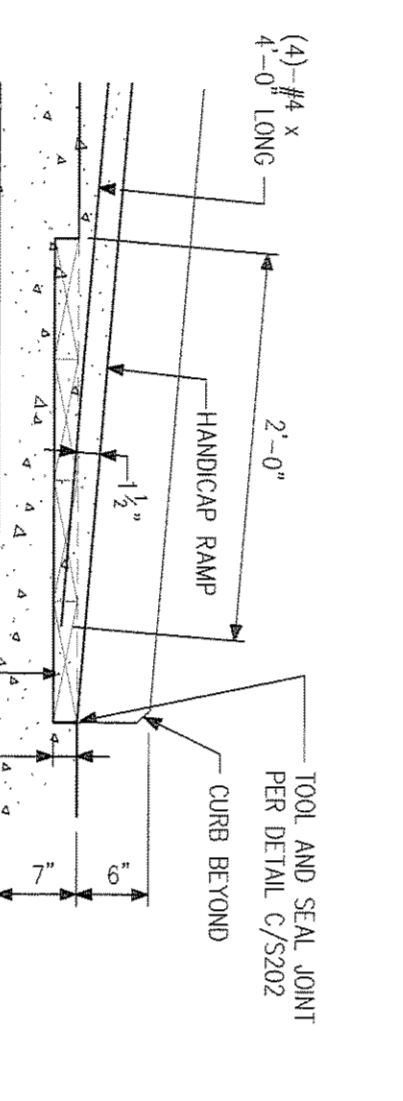
NOTES:
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SECTION 2
1/2" = 1'-0"



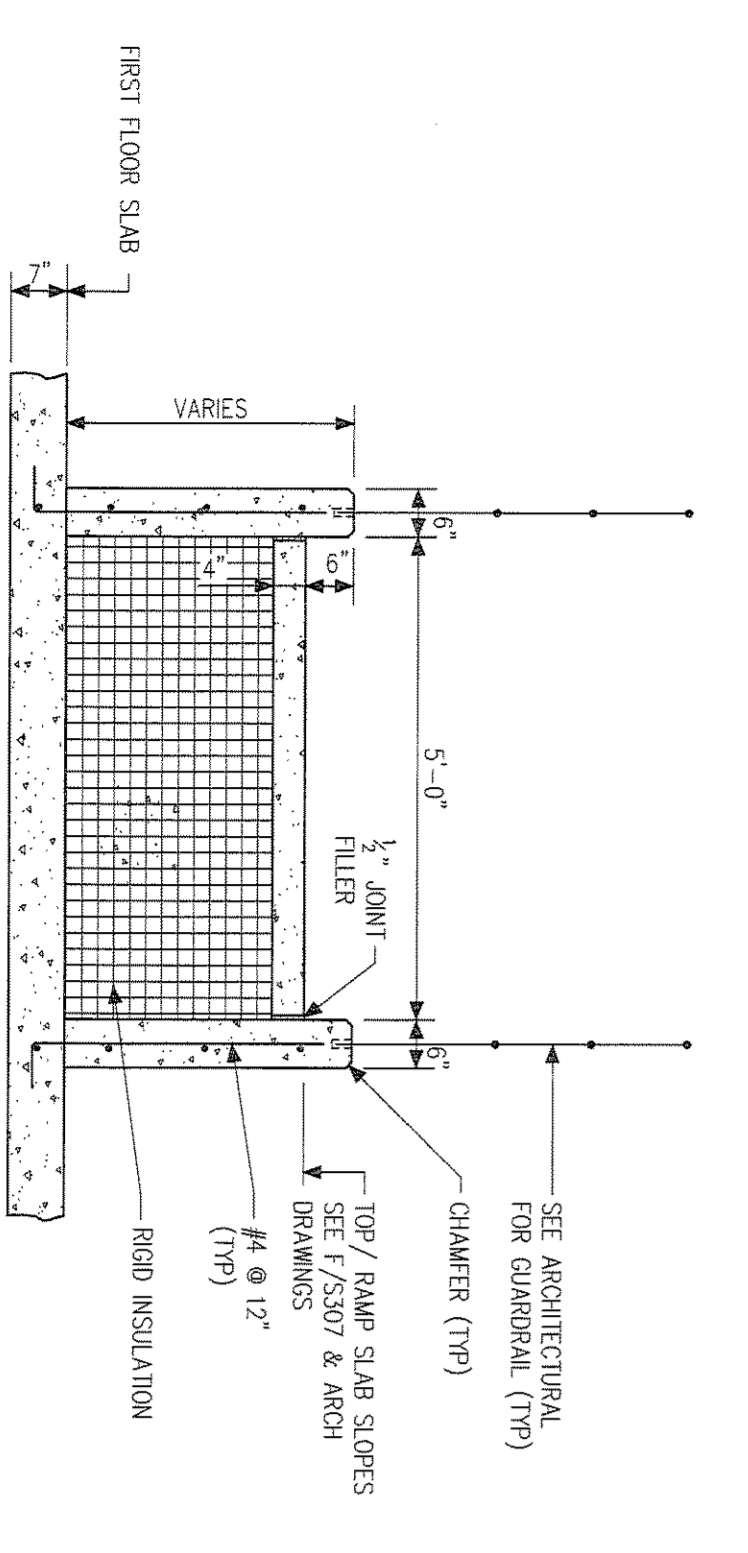
NOTES:
1. SEE DIMENSIONS OF AND FOR ADDITIONAL REINFORCING CHAIRS/STAIRS INCLUDING ENERGIZED ITEMS AND BOLLARDS.

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

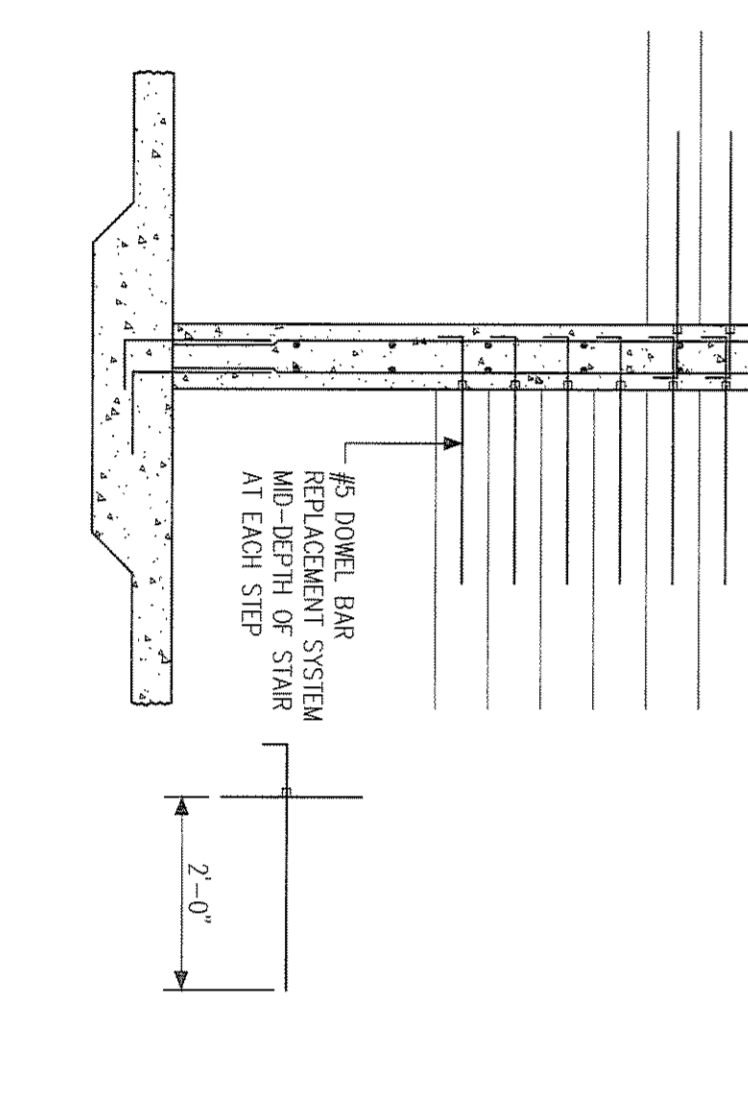


NOTES:
1. SEE DIMENSIONS OF AND FOR ADDITIONAL REINFORCING CHAIRS/STAIRS INCLUDING ENERGIZED ITEMS AND BOLLARDS.

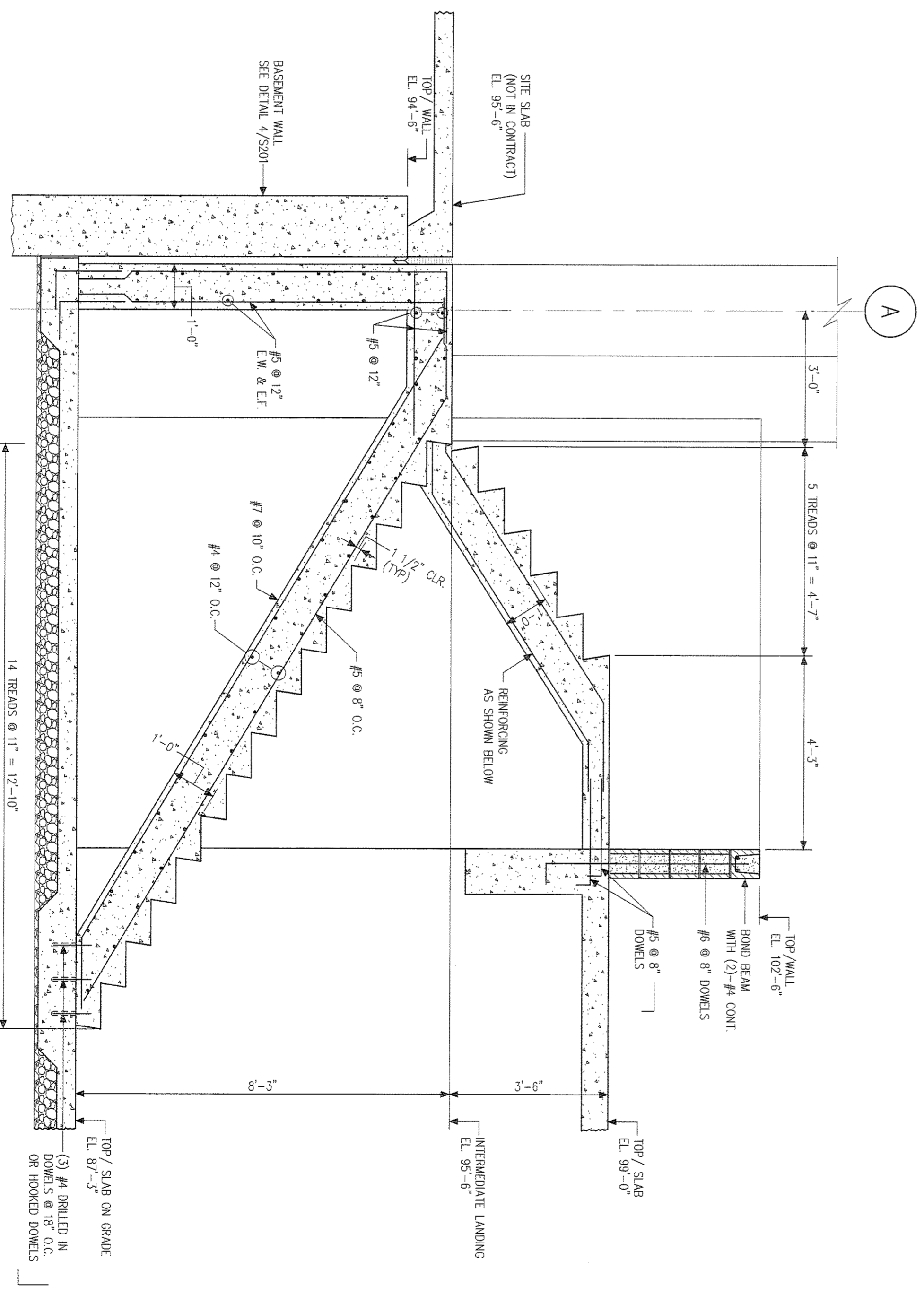
SECTION 4
3/4" = 1'-0"



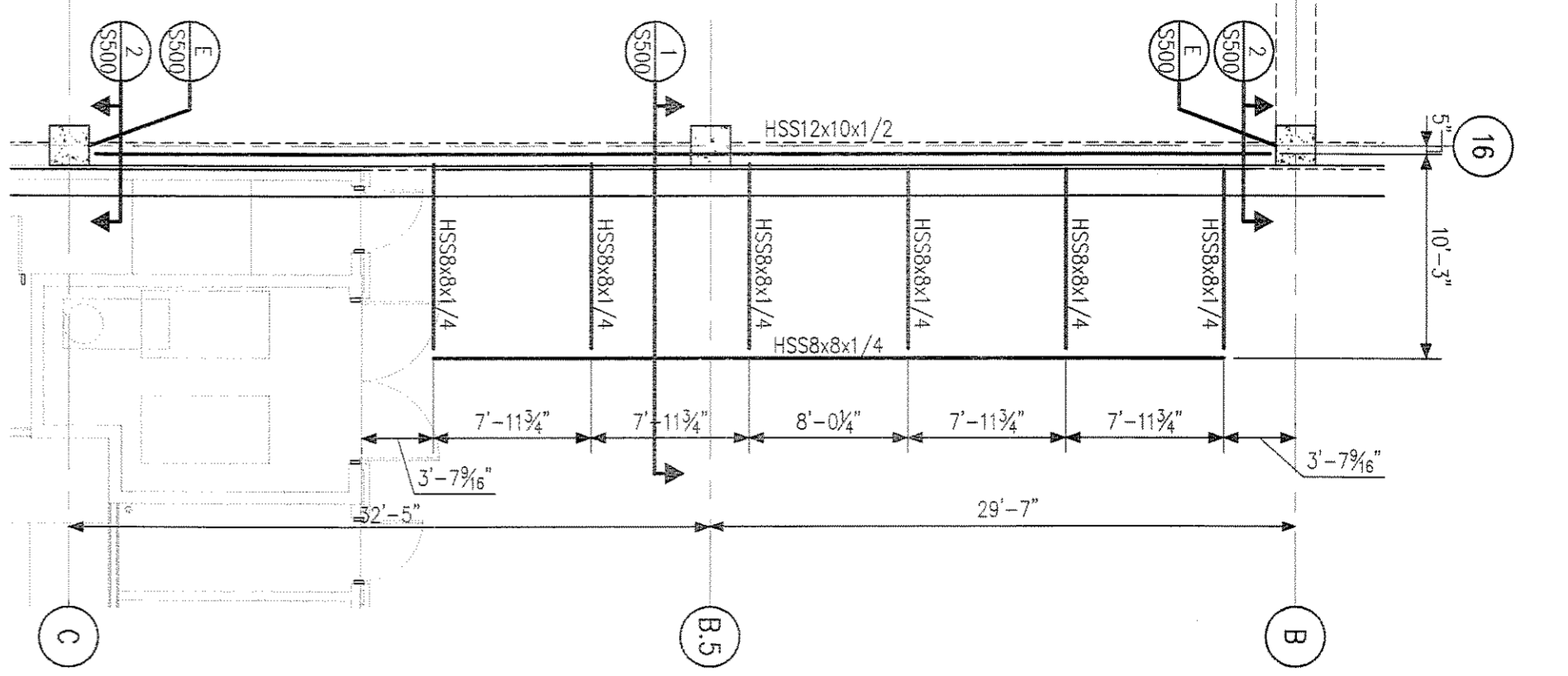
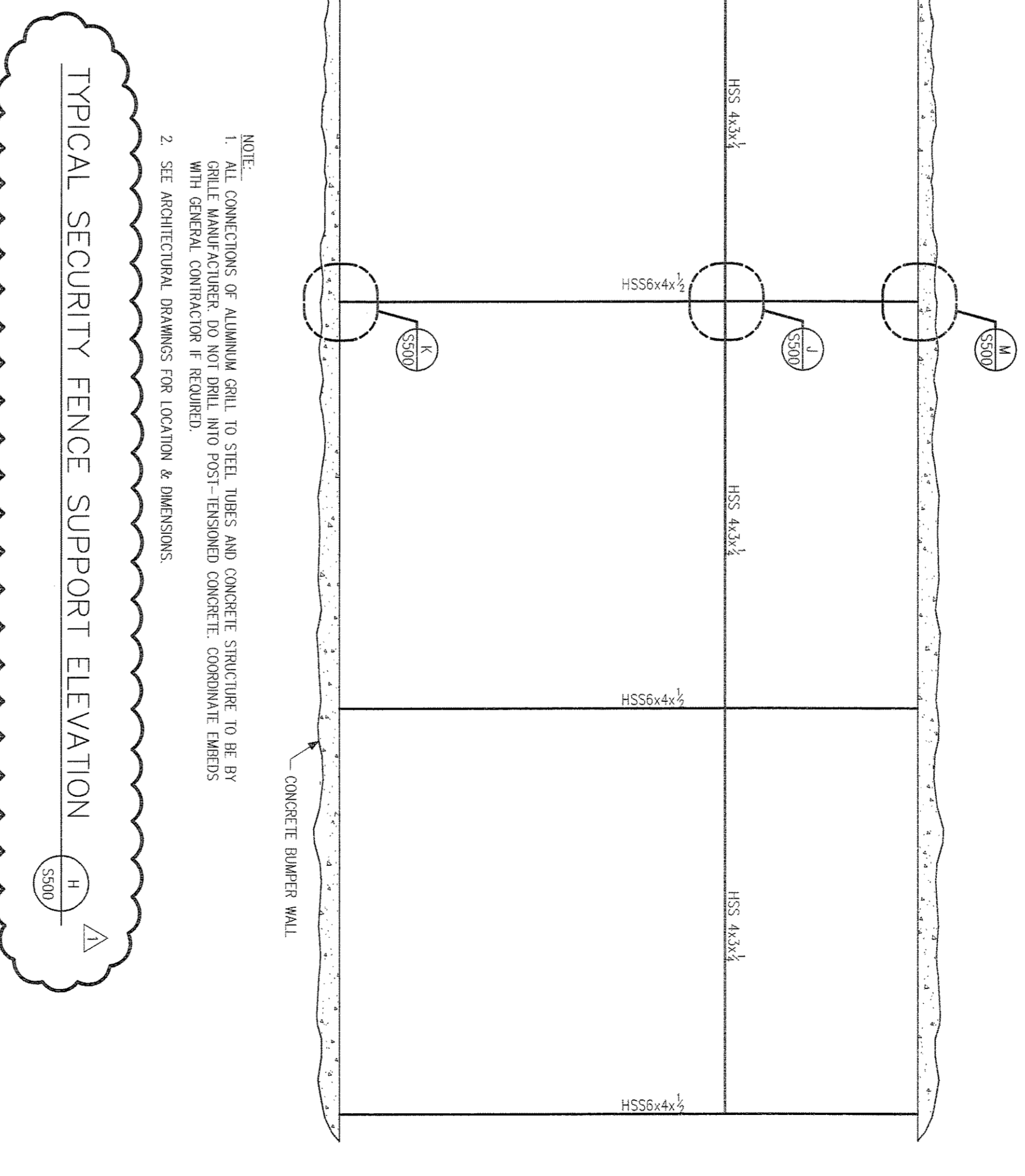
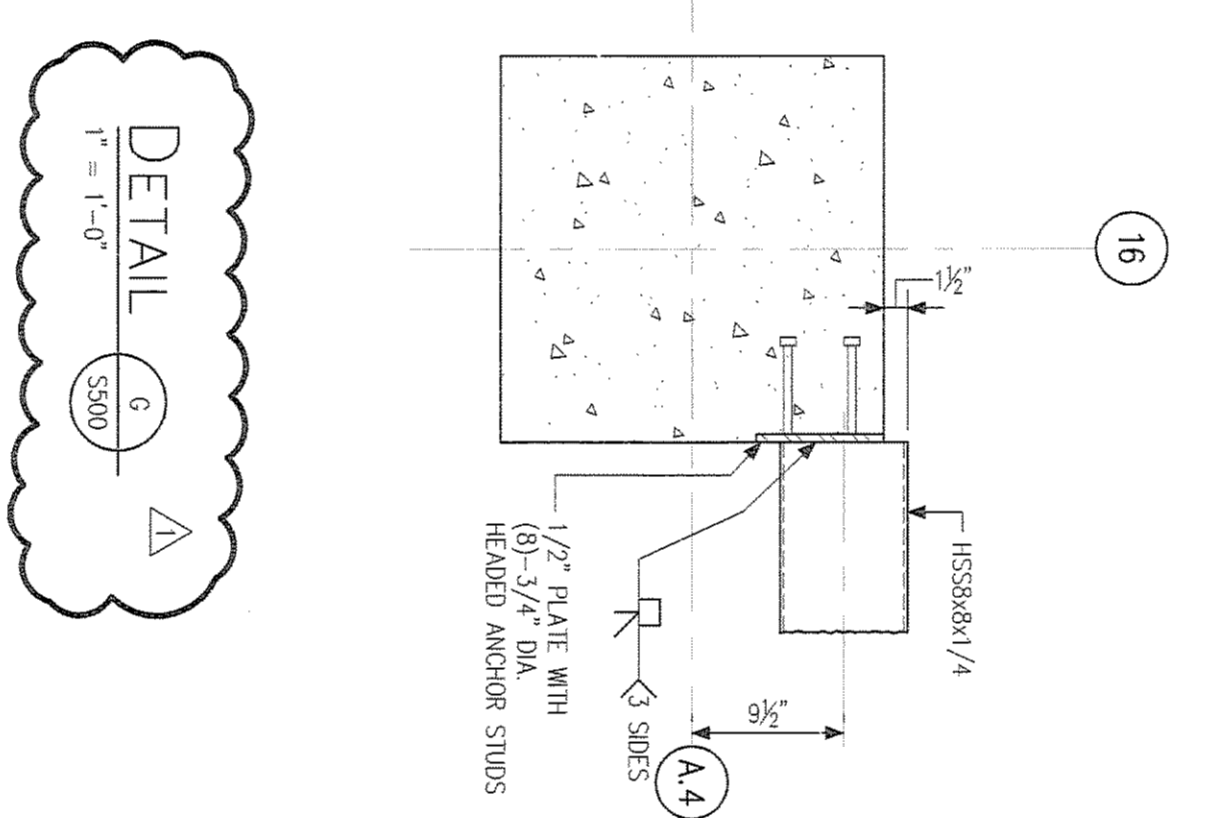
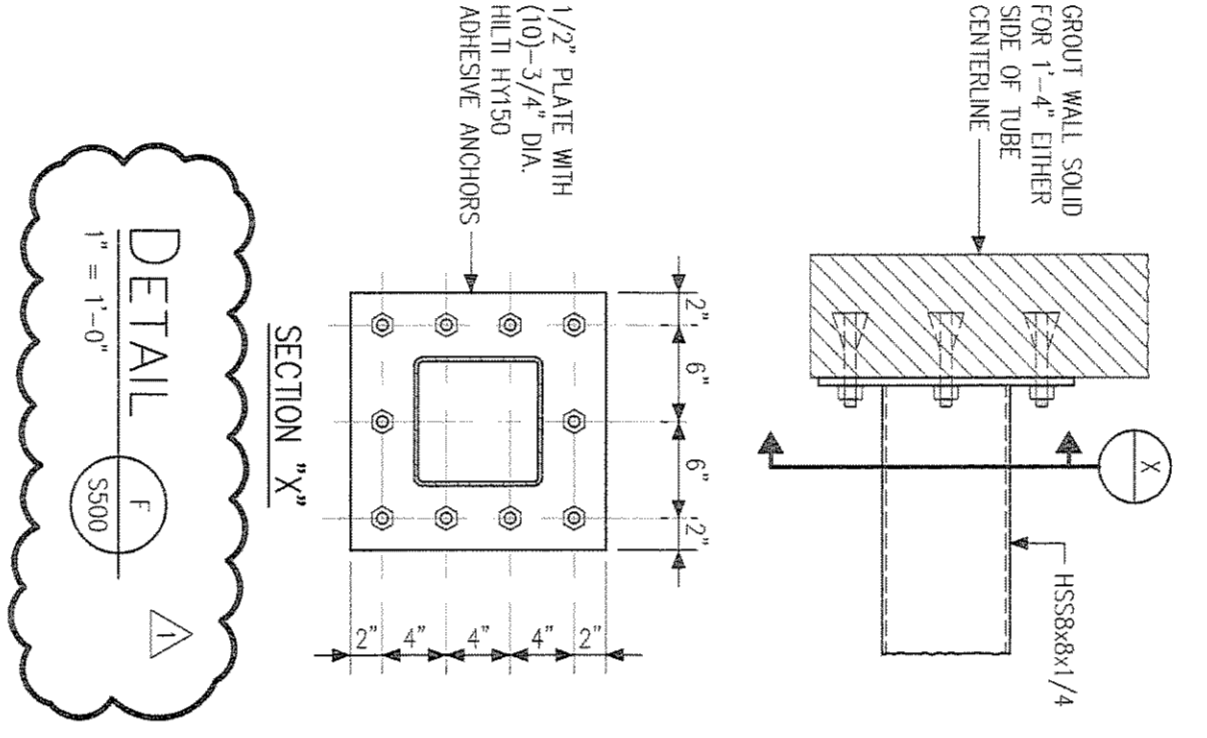
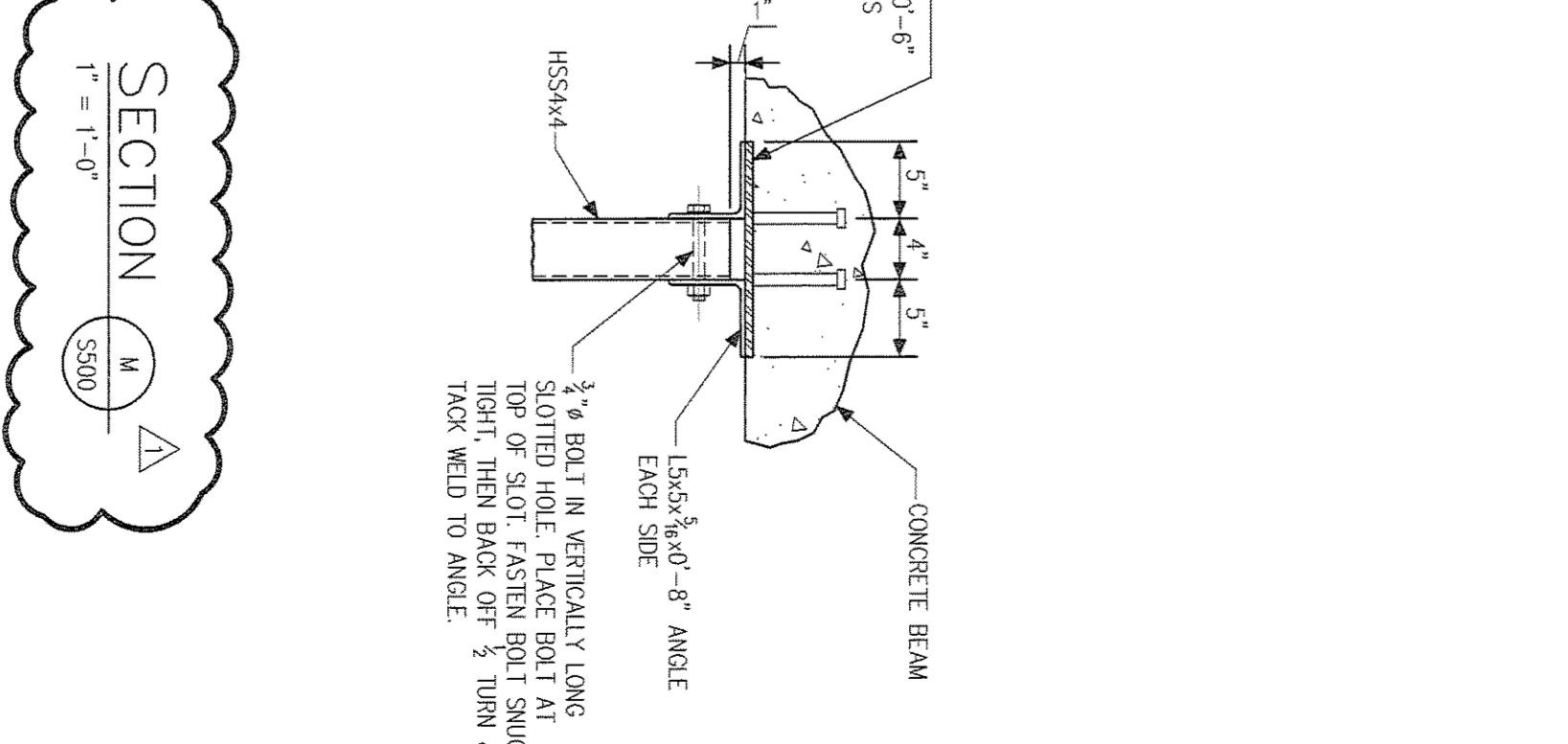
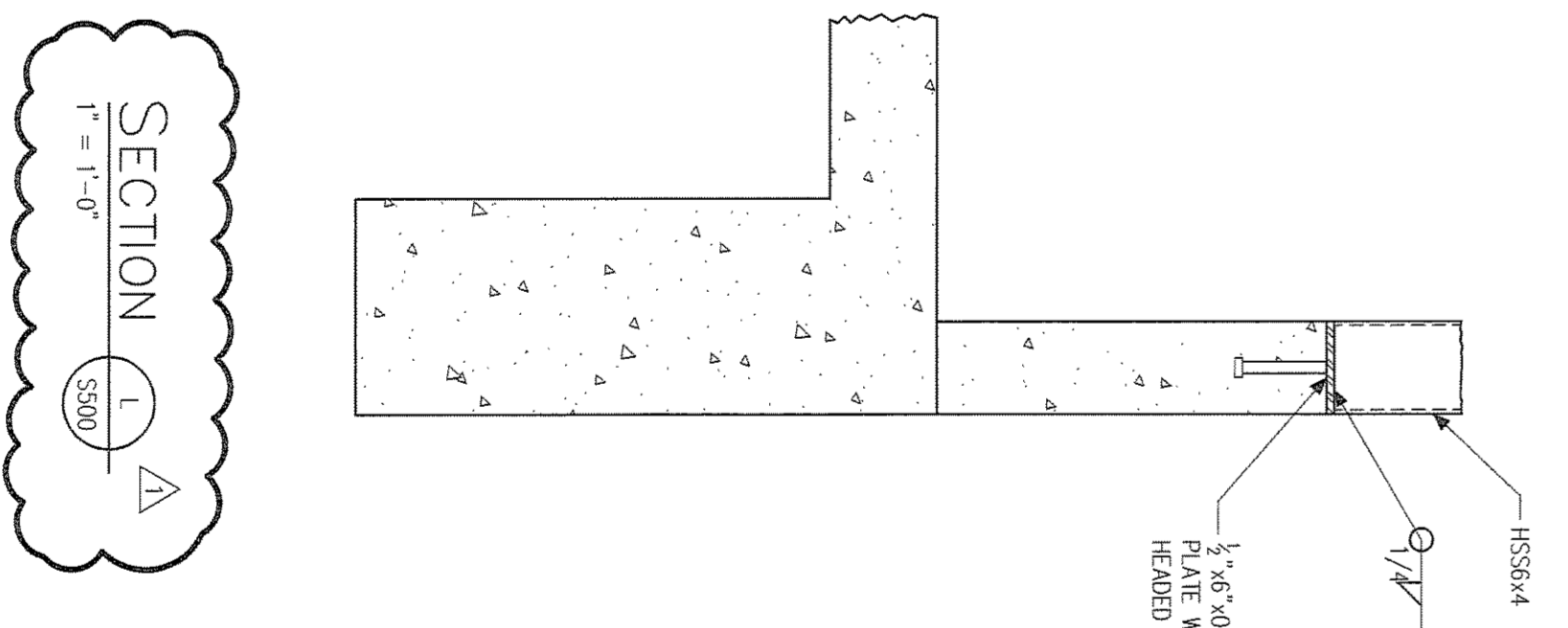
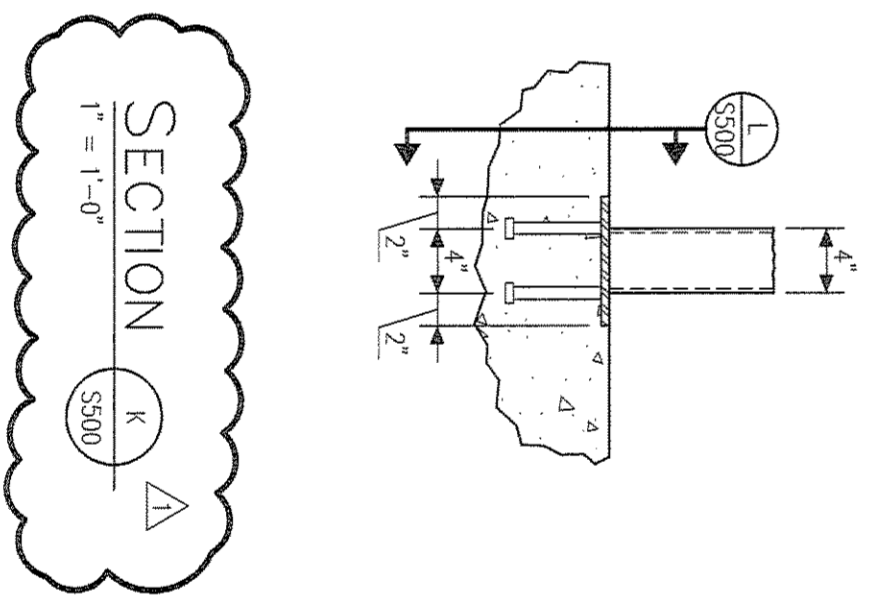
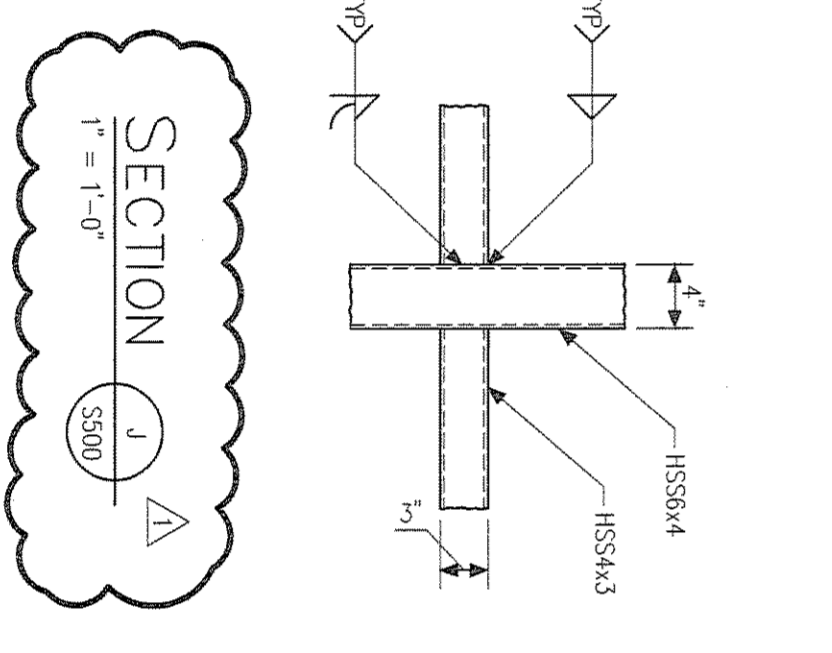
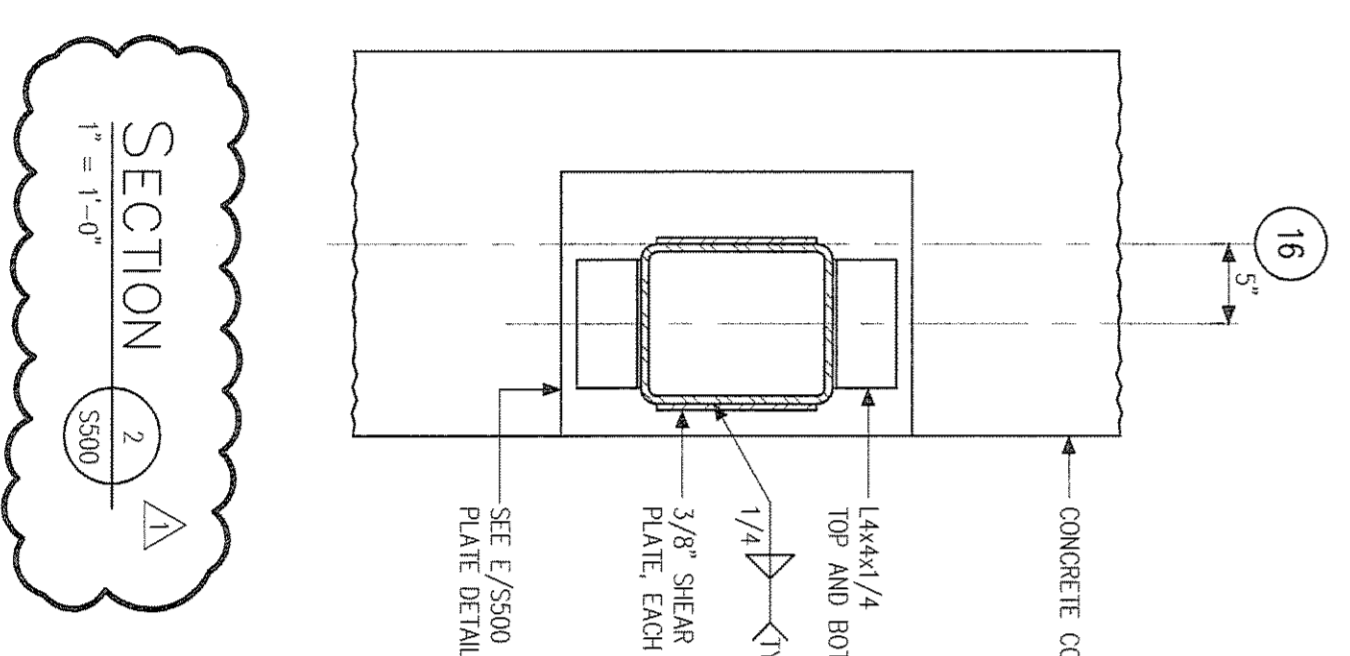
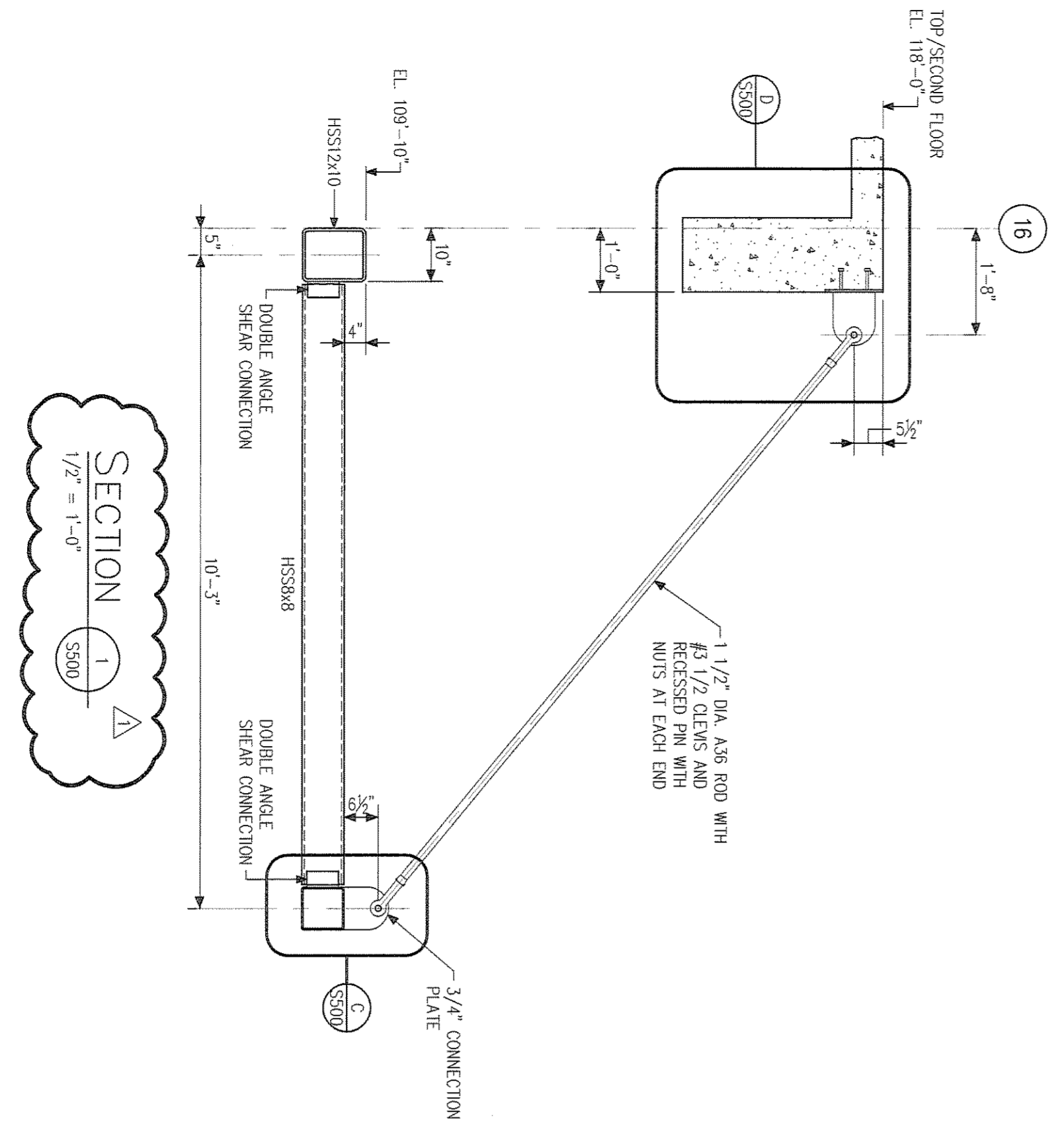
SECTION 5
1/2" = 1'-0"



SECTION 6
1/2" = 1'-0"

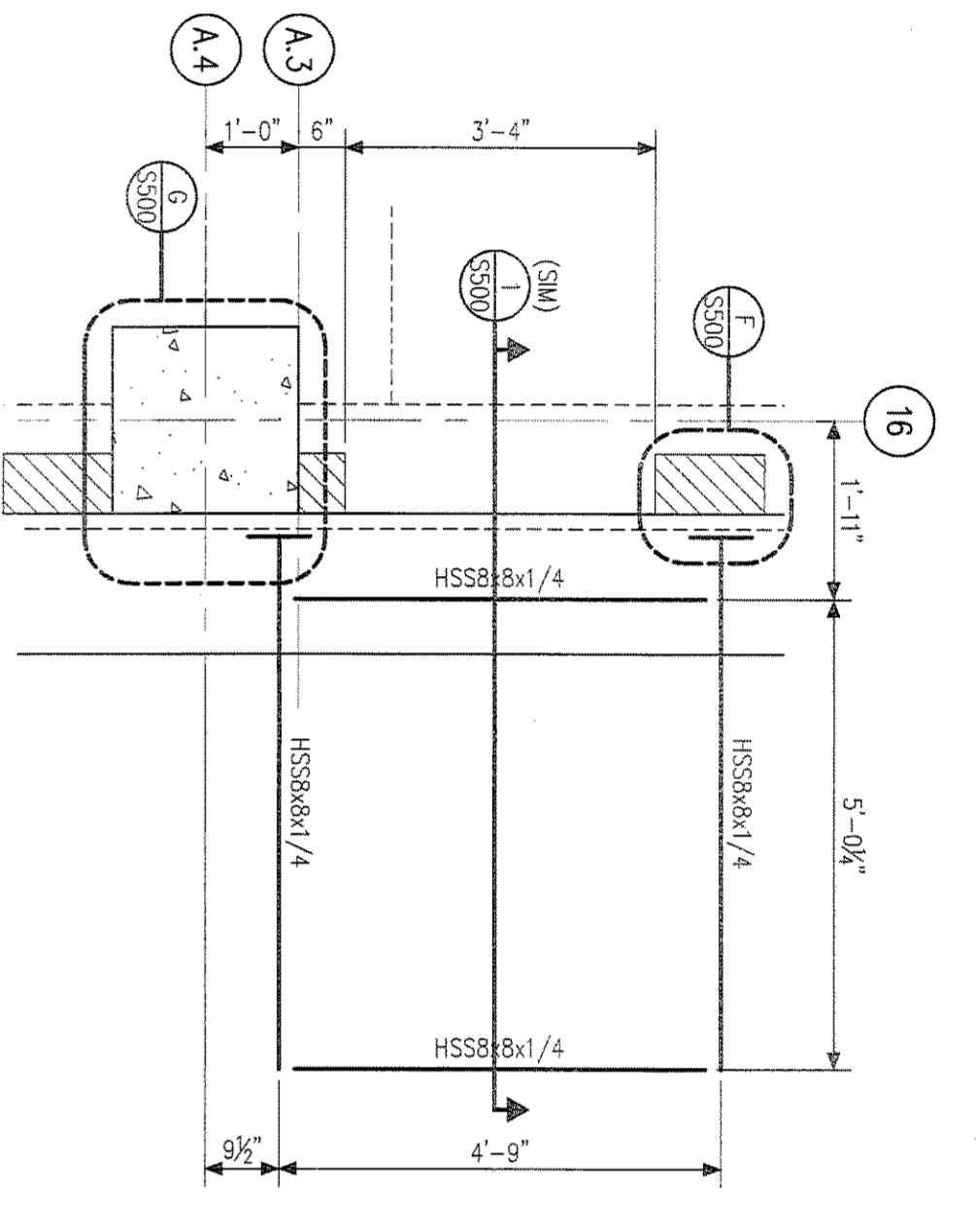


SECTION 7
1/2" = 1'-0"



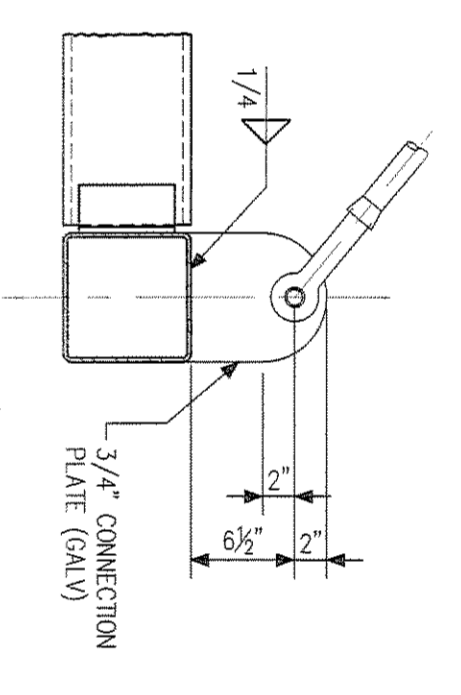
NOTES:
1. ALL HSS MEMBERS AND CONNECTIONS TO BE GALVANIZED.

DETAIL A
1/8" x 1'-0"

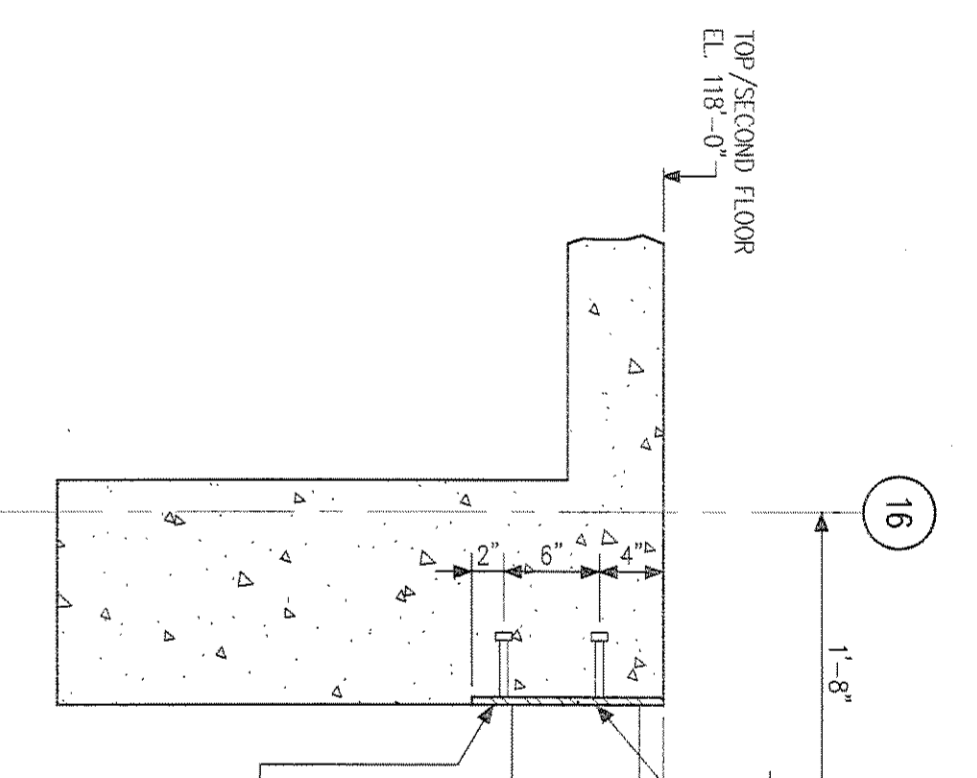


NOTES:
1. ALL HSS MEMBERS AND CONNECTIONS TO BE GALVANIZED.

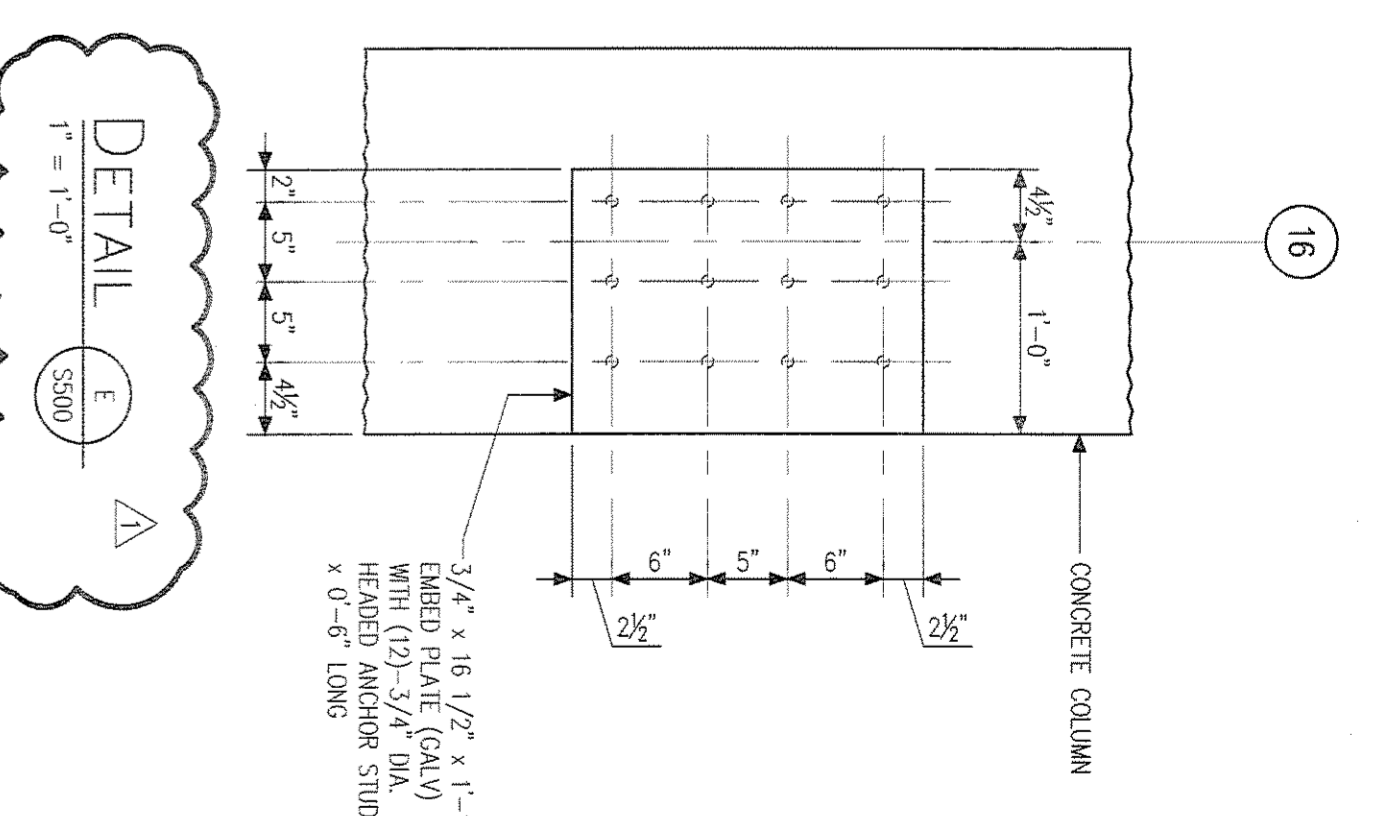
DETAIL B
1/2" x 1'-0"



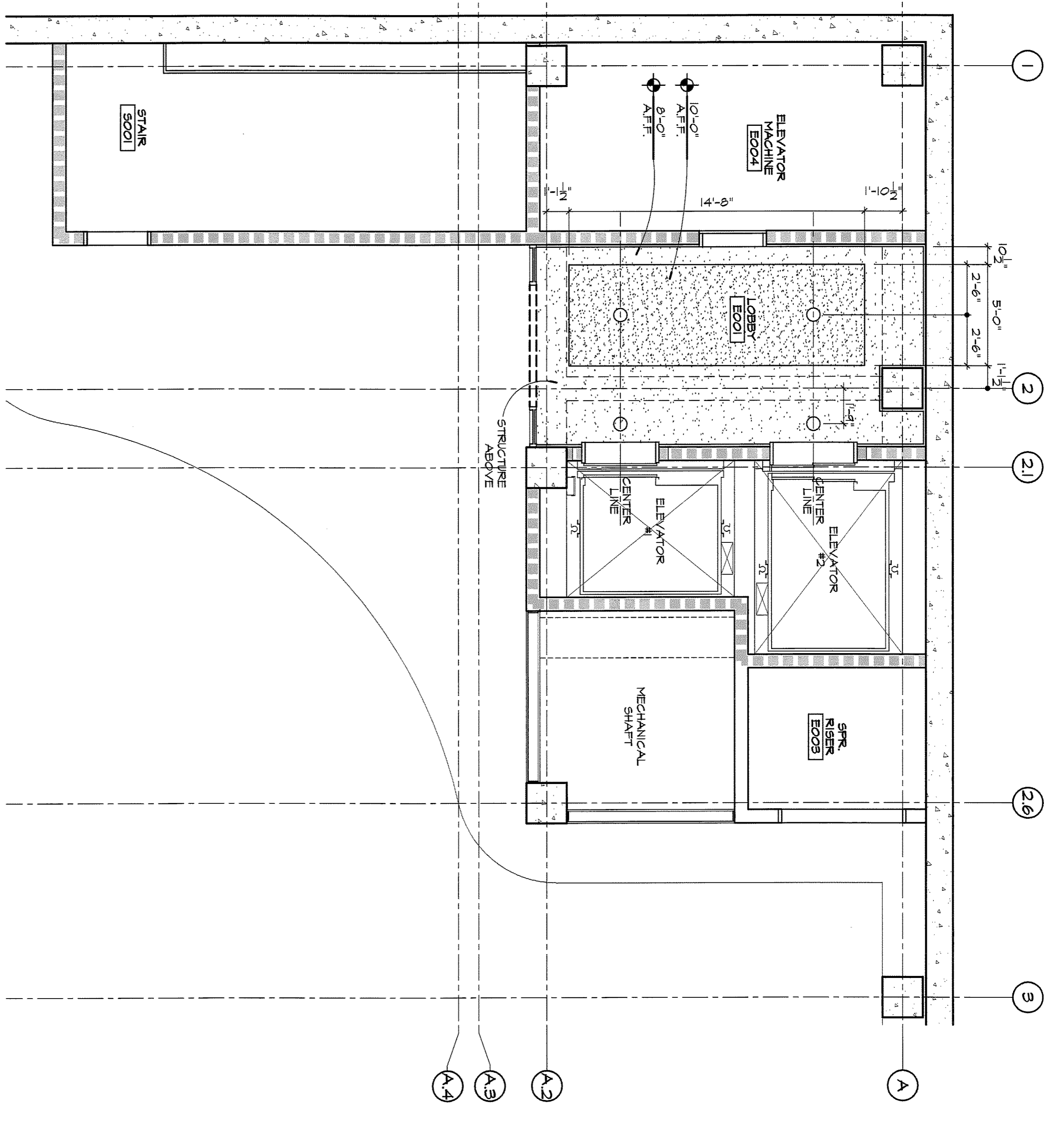
DETAIL C
1/2" x 1'-0"



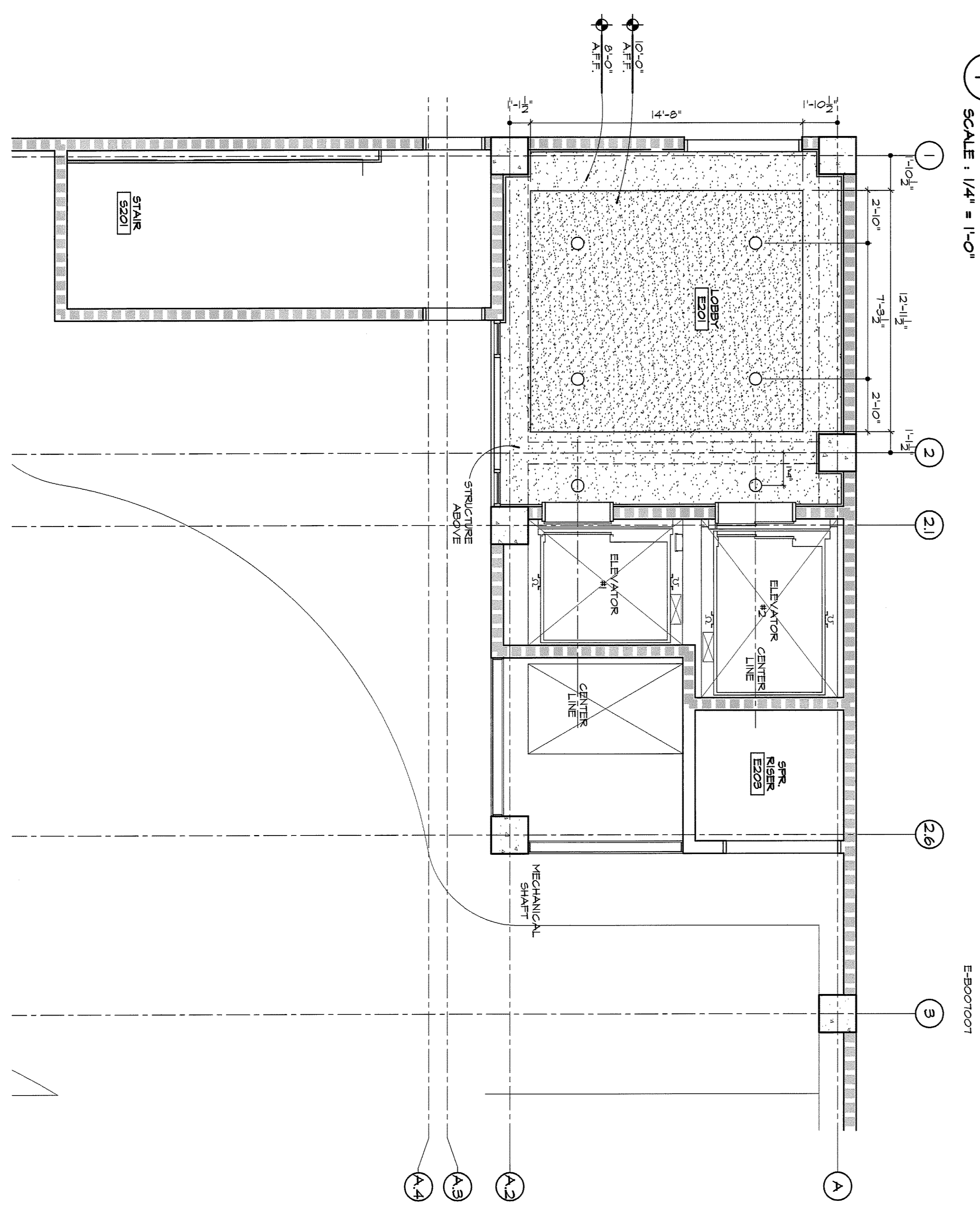
DETAIL D
1/2" x 1'-0"



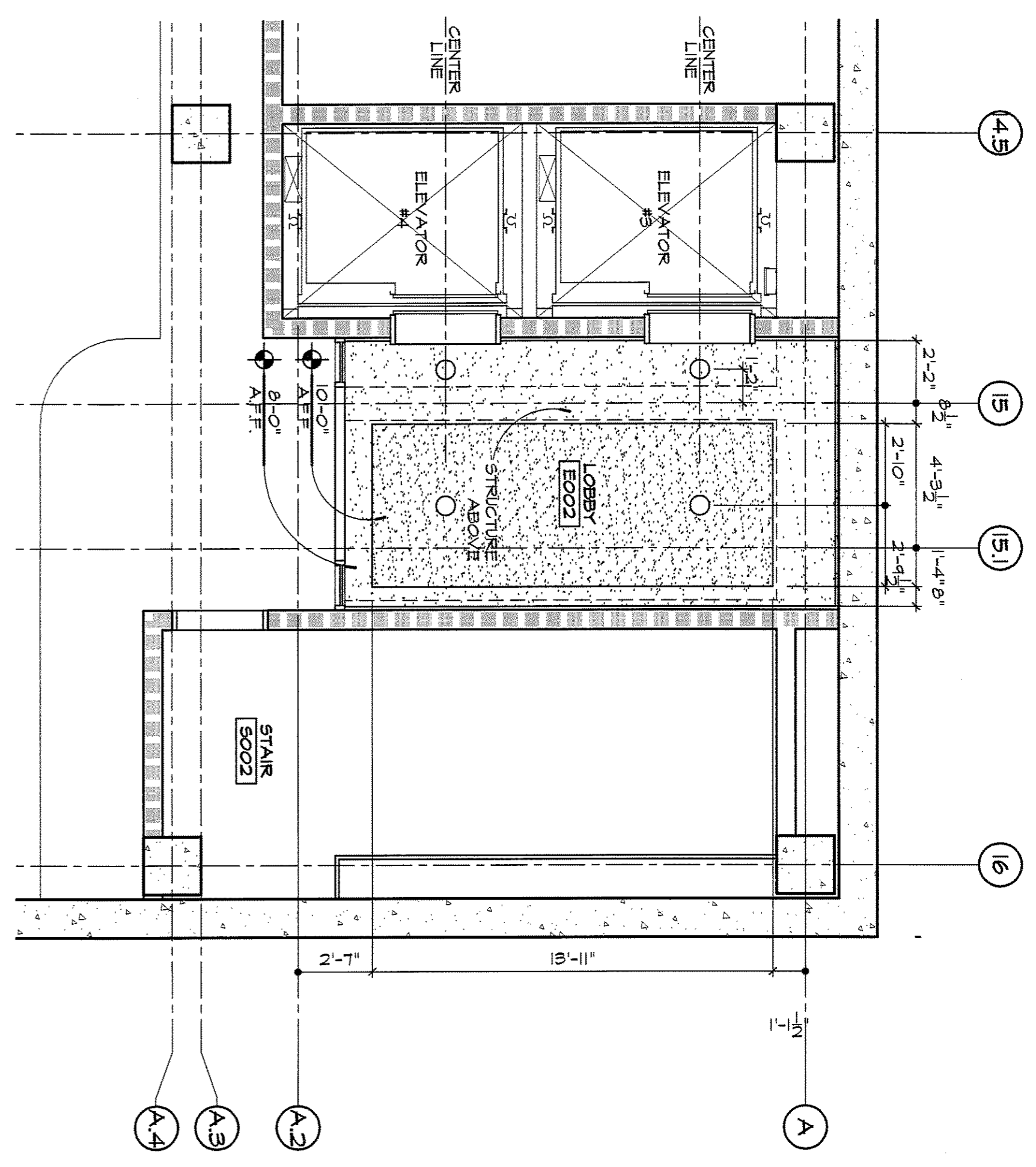
DETAIL E
1/2" x 1'-0"



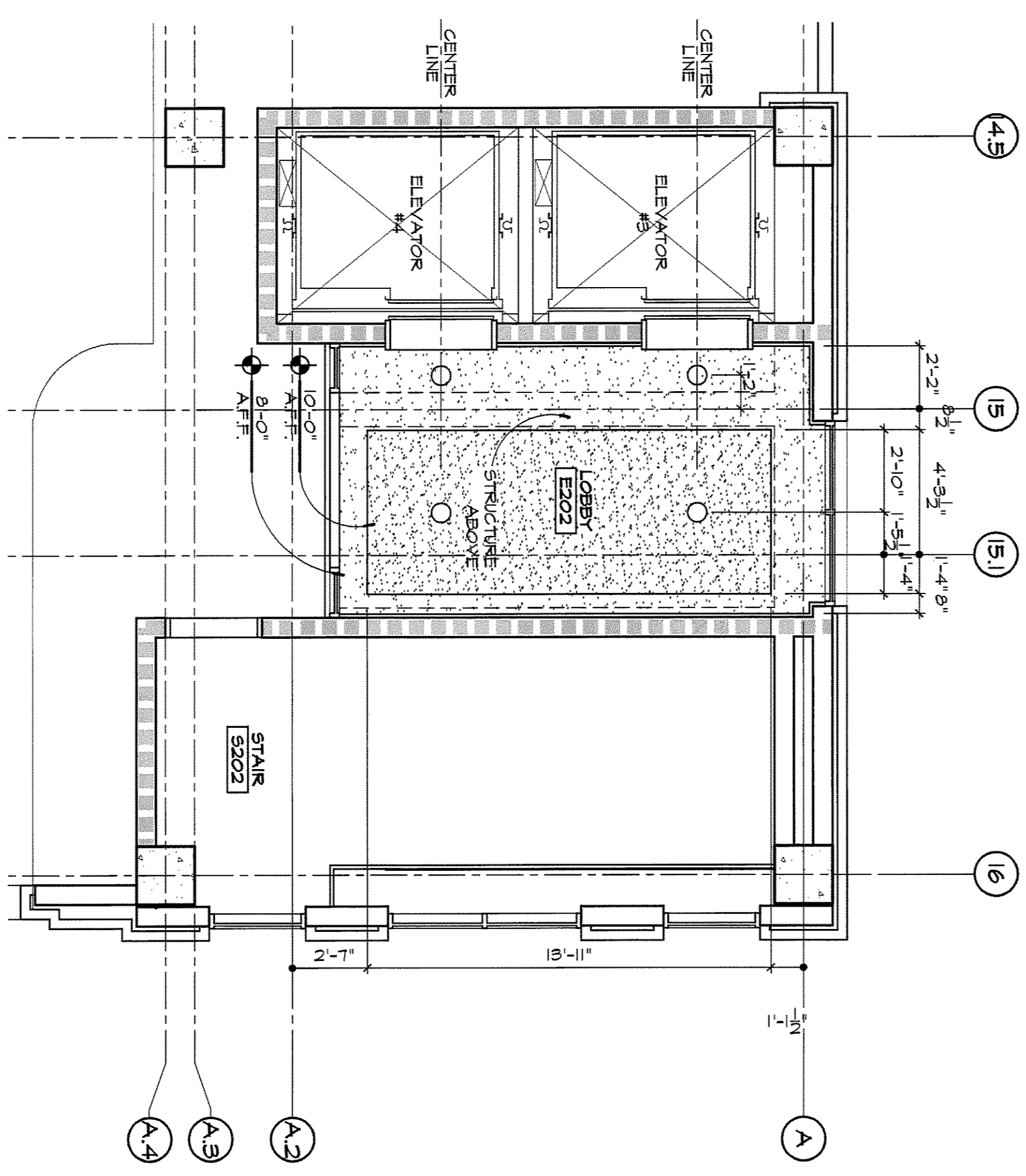
1 BASEMENT LEVEL REFLECTED CEILING PLAN



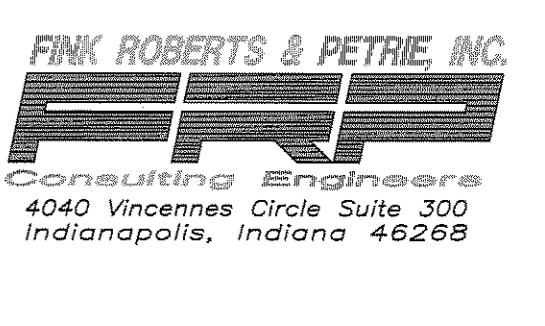
2 BASEMENT LEVEL REFLECTED CEILING PLAN



3 BASEMENT LEVEL REFLECTED CEILING PLAN



4 BASEMENT LEVEL REFLECTED CEILING PLAN



Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004
Owner
City of South Bend, Indiana

Construction Manager
Mike Reilly Group, Inc.
1100
Indianapolis, Indiana 46204
317-277-2000

Structural Engineer
Pmk, Roberts & Petrie, Inc.
1401 Vincennes East, Suite 300
Indianapolis, Indiana 46206
317-273-8400

Architect
Looney Ricks Kiss
1757 Ford Road, Suite 600
Merrillville, Tennessee 38110
615-221-1400

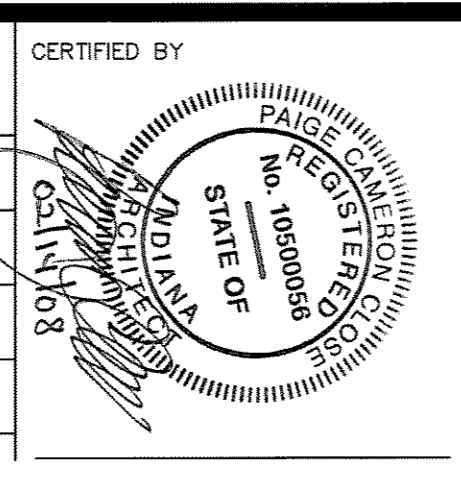
Mechanical, Electrical & Plumbing Engineer
Circle Design Group
5011 South East Street, Suite 8
Indianapolis, Indiana 46226
317-278-6200

Interior Consultant
Walker Parking Consultants
6609 East 76th Street, Suite 310
Indianapolis, Indiana 46220
317-242-2900

Civil Engineer/Architect, Architect
The Troyer Group
5011 East Street
Indianapolis, Indiana 46224
774-839-9976

100% Construction Documents
January 23, 2008

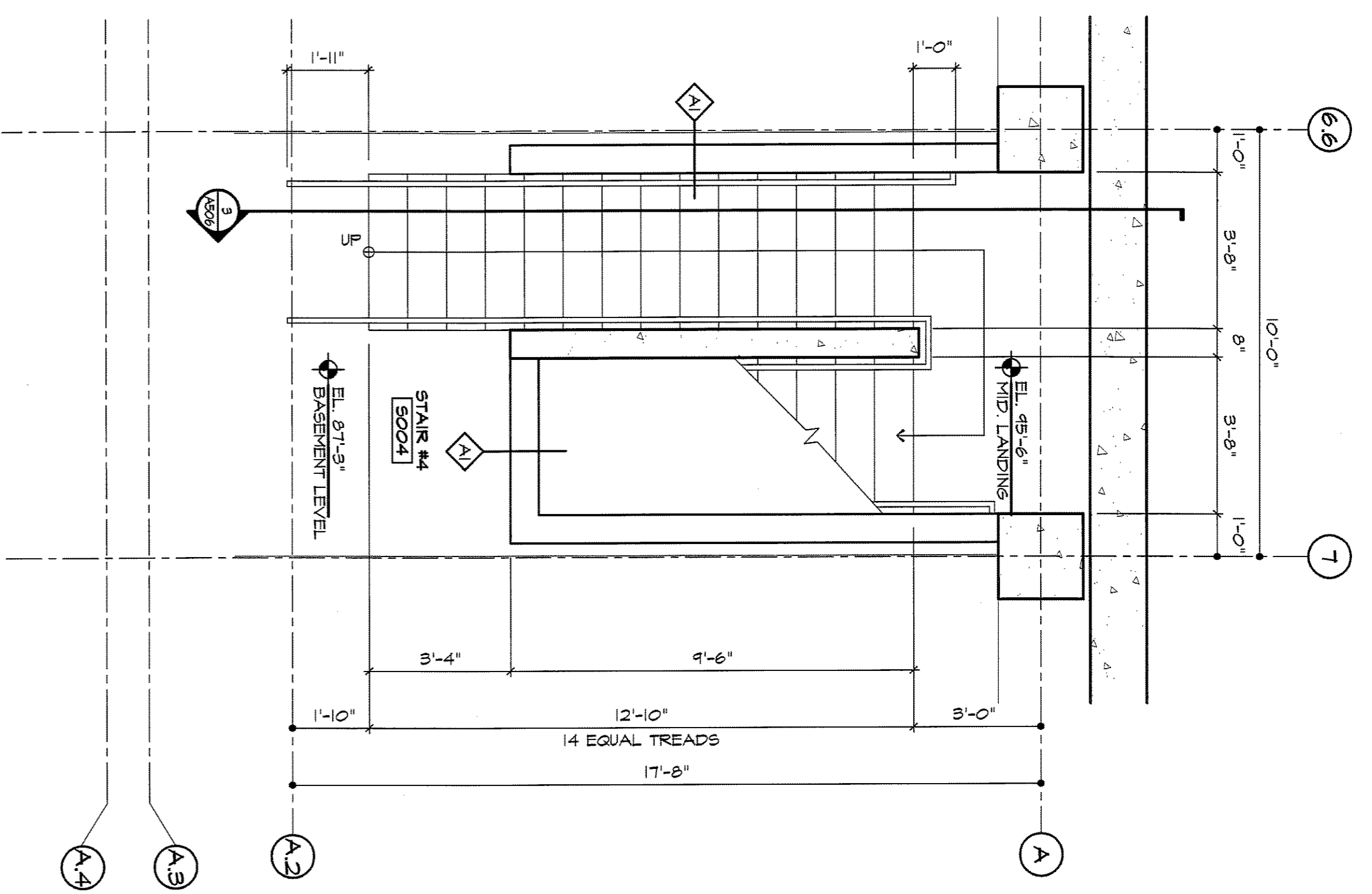
REVISION DATE	REVISION DESCRIPTION
02-14-08	ADDENDUM NO. 3



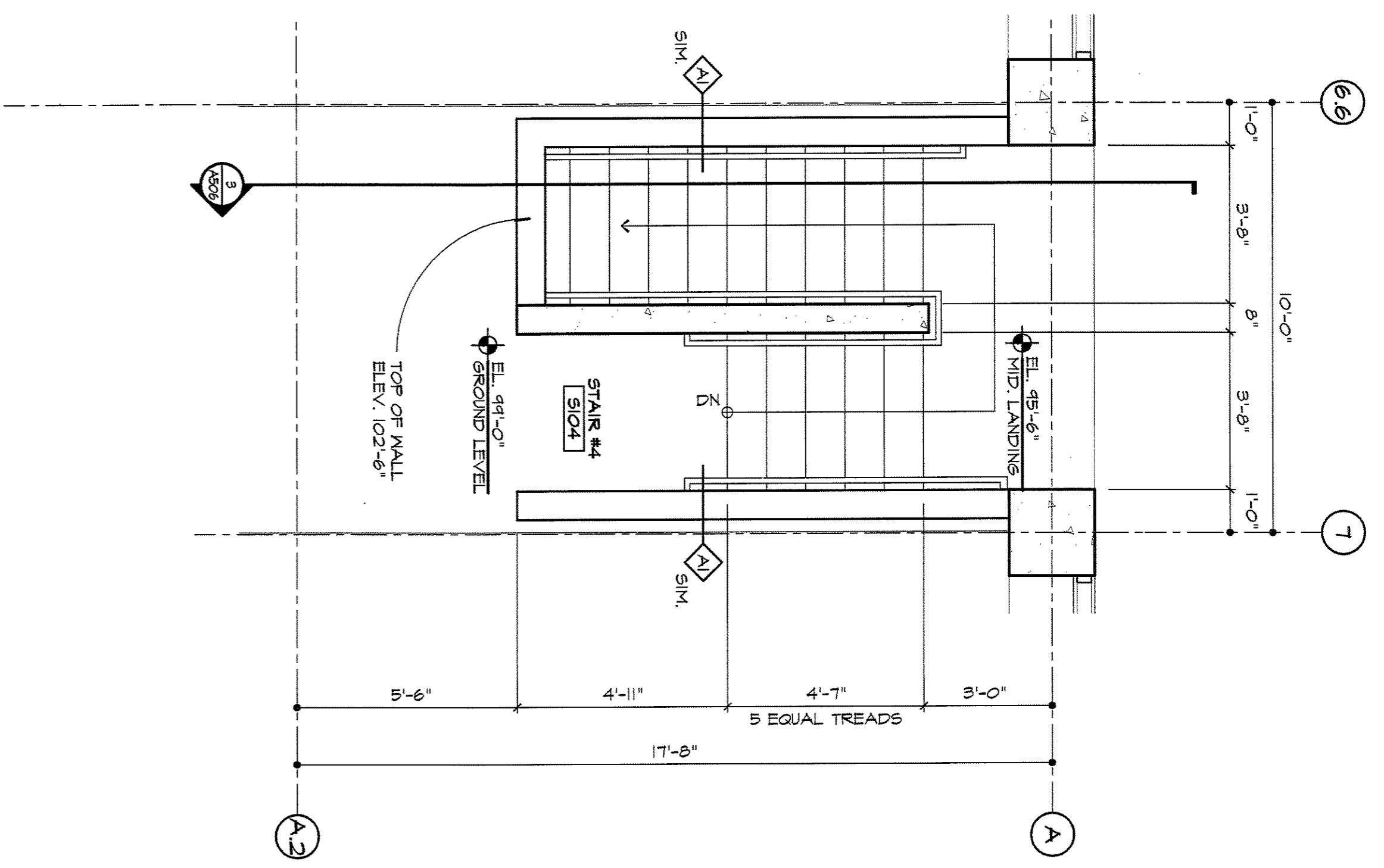
DESIGN DATE: 02/14/08
DESIGN PROJECT NO: 07097
DESIGN DRAWN BY: JG
CHECKED BY: HR

SHEET TITLE: LOBBY REFLECTED CEILING PLANS

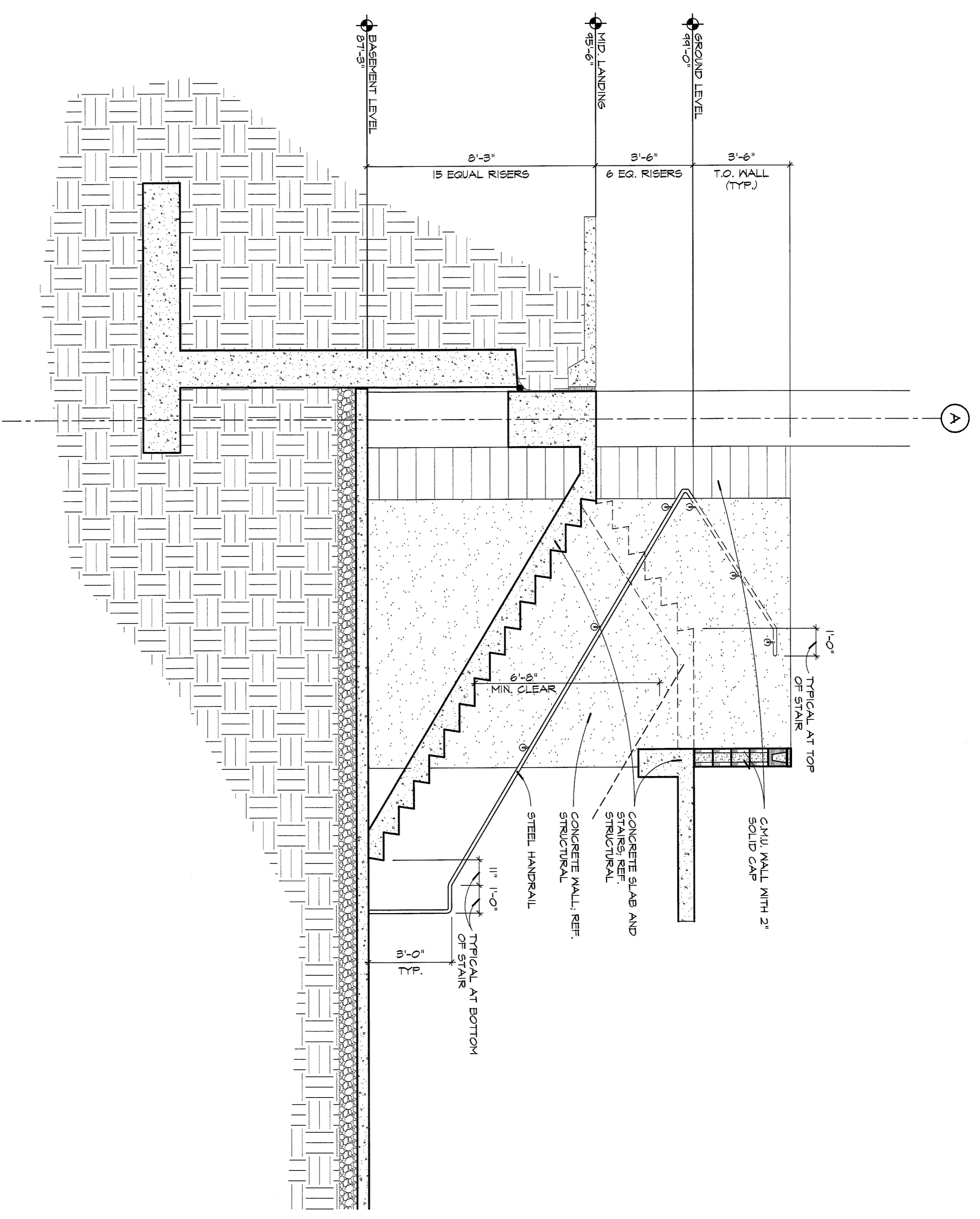
SHEET NO. **A213**



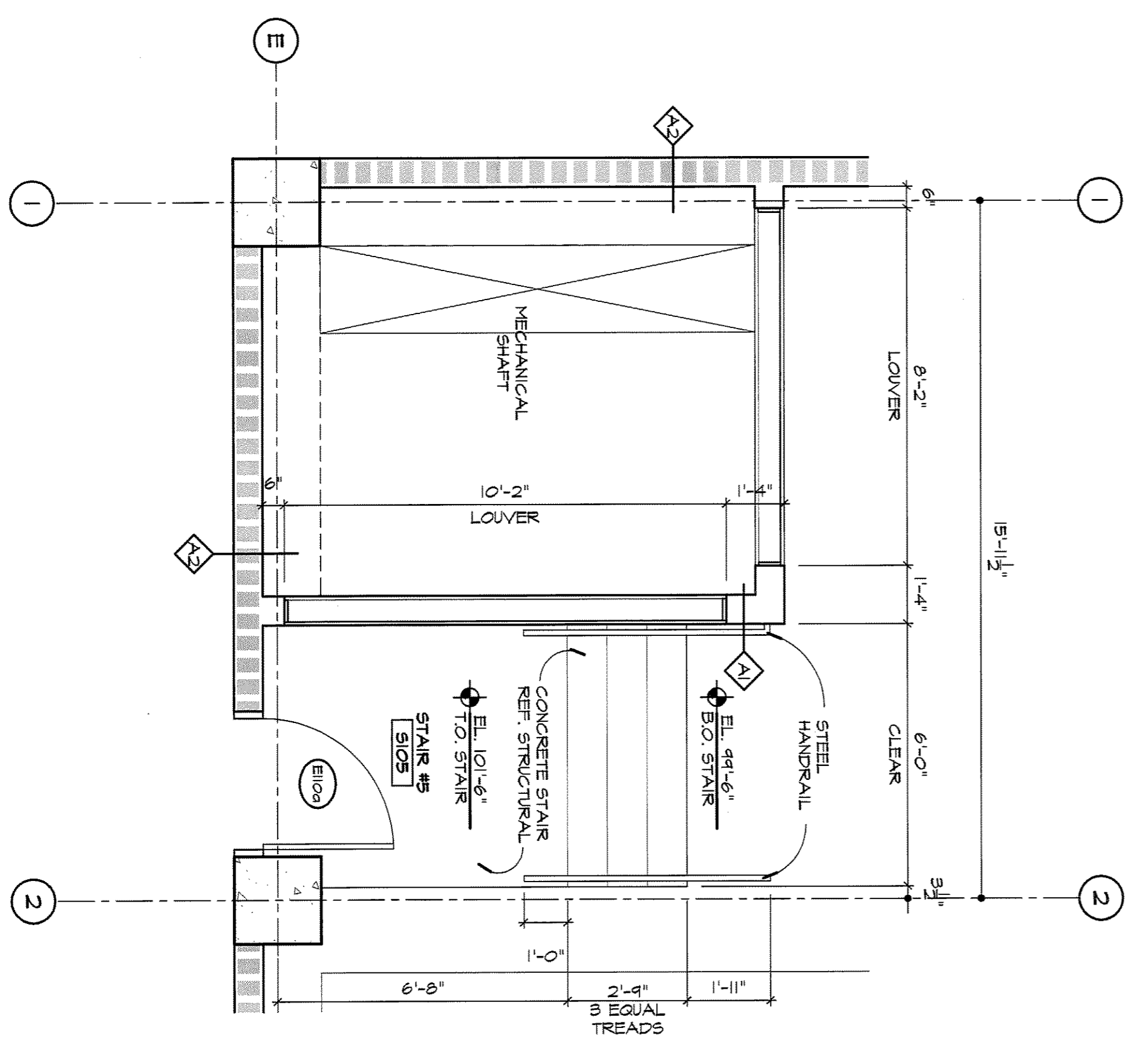
1 BASEMENT LEVEL PLAN STAIR #4
SCALE : 3/8" = 1'-0"



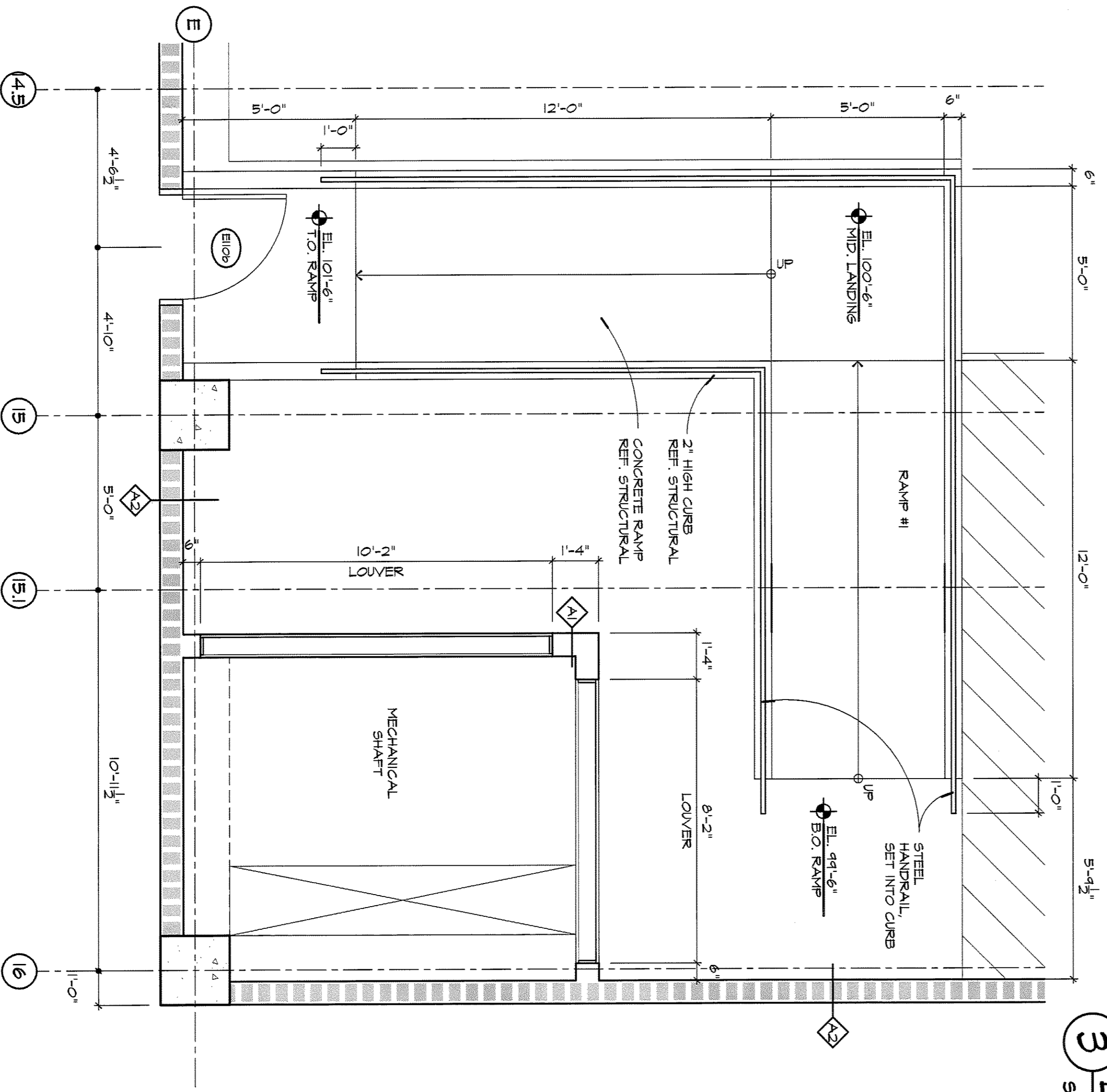
2 GROUND LEVEL PLAN STAIR #4
SCALE : 3/8" = 1'-0"



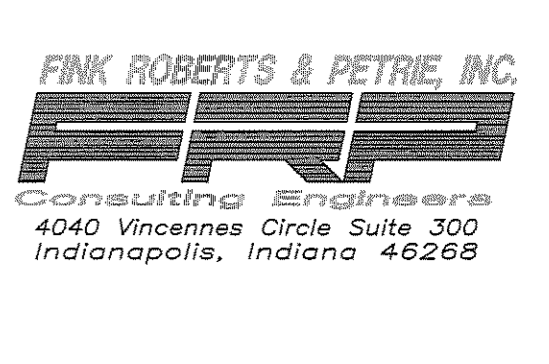
3 LONGITUDINAL SECTION AT STAIR #4
SCALE : 3/8" = 1'-0"



4 GROUND LEVEL PLAN STAIR #5
SCALE : 3/8" = 1'-0"



5 GROUND LEVEL PLAN RAMP #1
SCALE : 3/8" = 1'-0"



Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004
Owner
City of South Bend, Indiana

Construction Manager
Kite Realty Group
1700 North Lincoln Street
Indianapolis, Indiana 46204
317.577.5600

Structural Engineer
Fink, Roberts & Petrie, Inc.
4040 Vincennes Circle, Suite 300
Indianapolis, Indiana 46268
317.578.8800

Architect
Troyer Rask Kite
1700 North Lincoln Street
Merrillville, Indiana 46540
908.231.1400

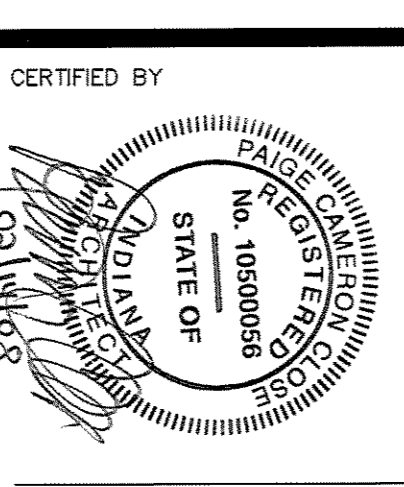
Mechanical, Electrical & Plumbing Engineer
Circle Design Group
5510 South East Street, Suite F
Indianapolis, Indiana 46229
317.781.6200

Public Commenter
Walker Parking Consultants
66622 E. 14th Avenue, Suite 210
Indianapolis, Indiana 46229
317.842.8200

Civil Engineer/Analyst/Architect
The Troyer Group
559 Union Street
Indianapolis, Indiana 46204
317.259.9975

100% Construction Documents
January 29, 2008

REVISION DATE	REVISION DESCRIPTION
02-14-08	ADDENDUM NO. 3



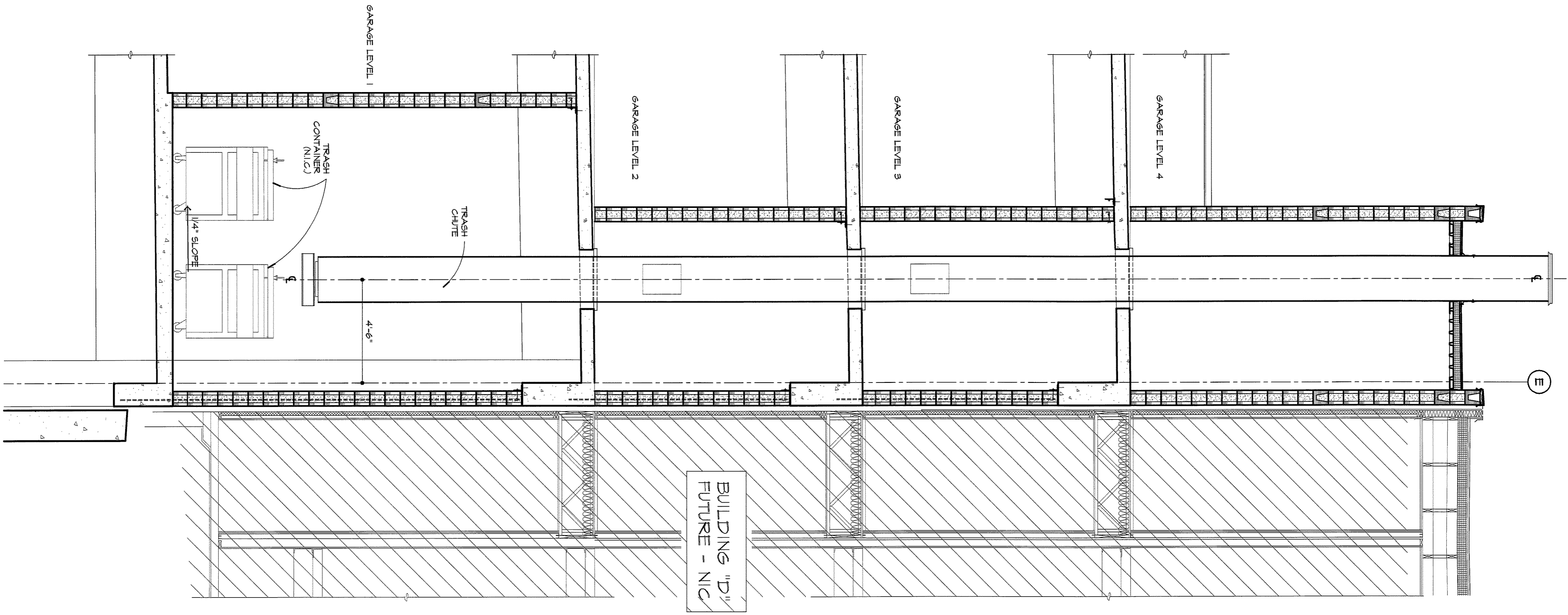
DESIGN DATE	CERTIFIED BY
01/23/08	PAUL J. CALVANO
NO. 110502008	
07/07	
DESIGN BY	H.P.
CHECKED BY	H.P.

ENLARGED PLANS AND SECTION

A506

SHEET NO.

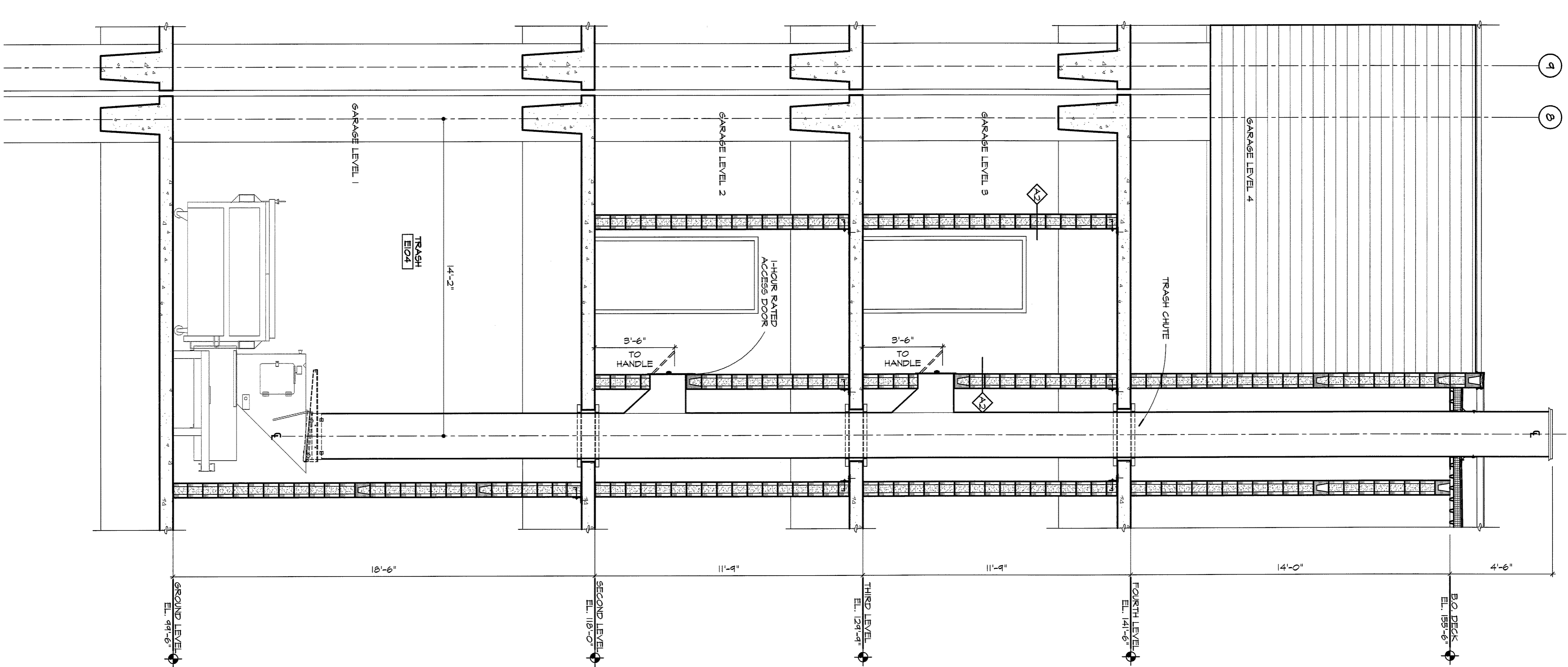
SHEET TITLE



1 SECTION A-A

SCALE: 3/8"=1'-0"

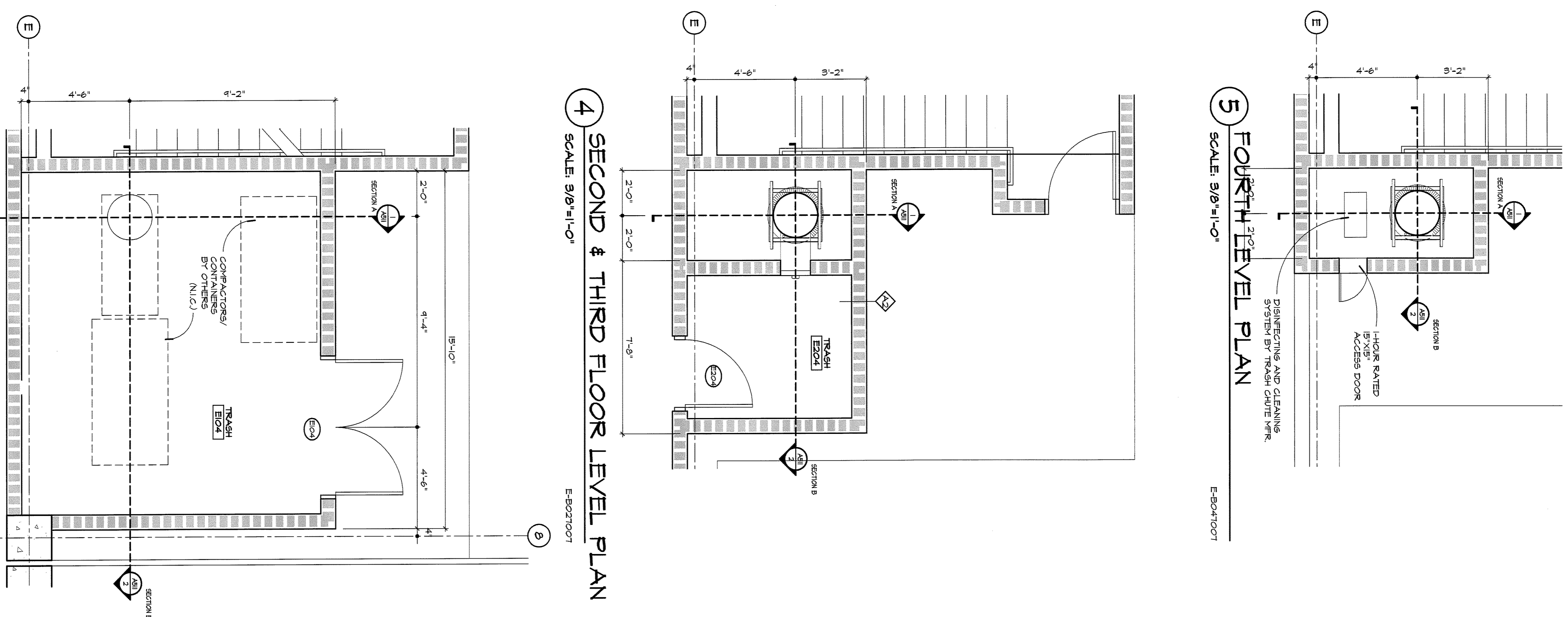
E-503/1007



2 SECTION B-B

SCALE: 3/8"=1'-0"

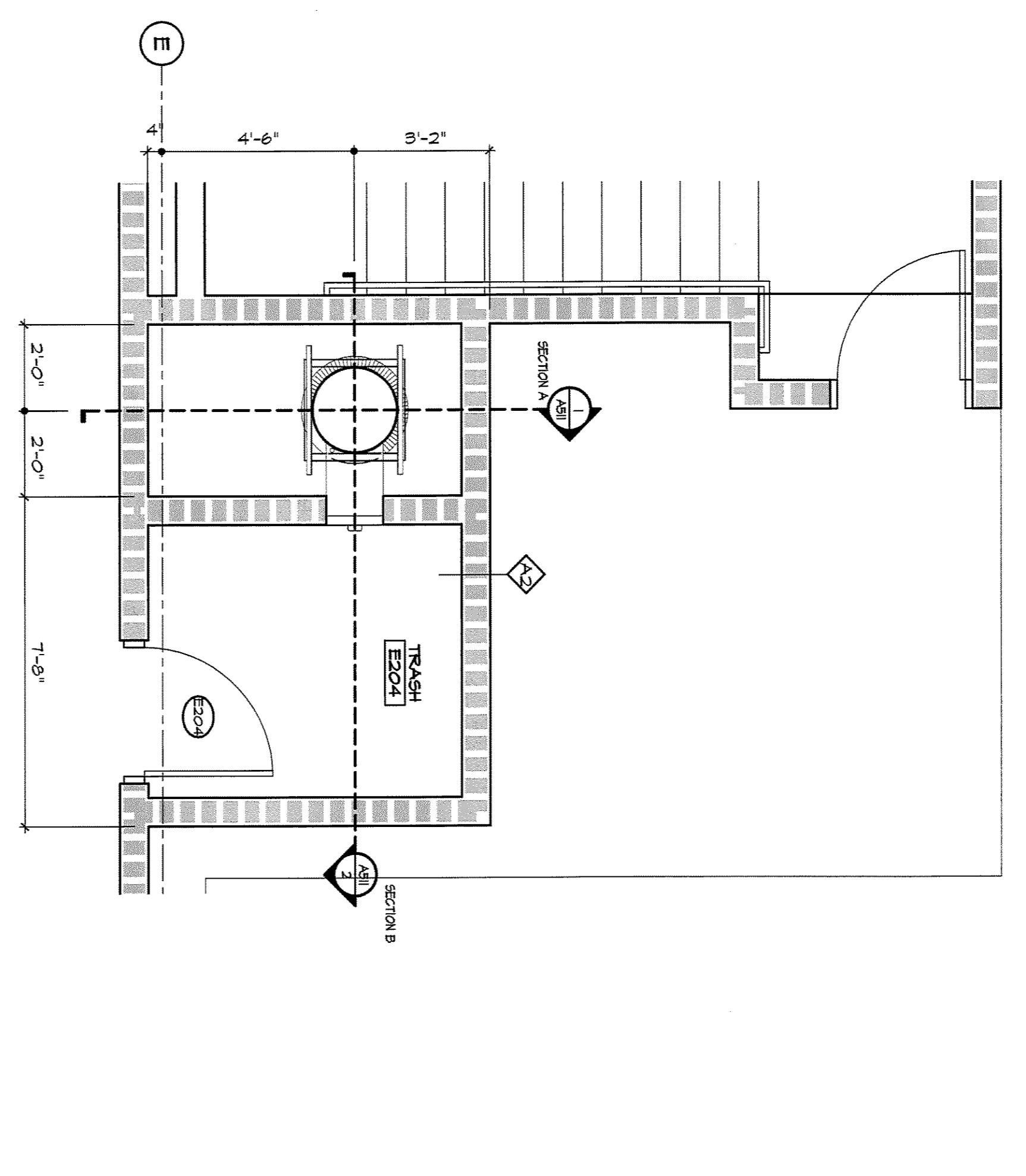
E-503/1007



3 FIRST FLOOR LEVEL PLAN

SCALE: 3/8"=1'-0"

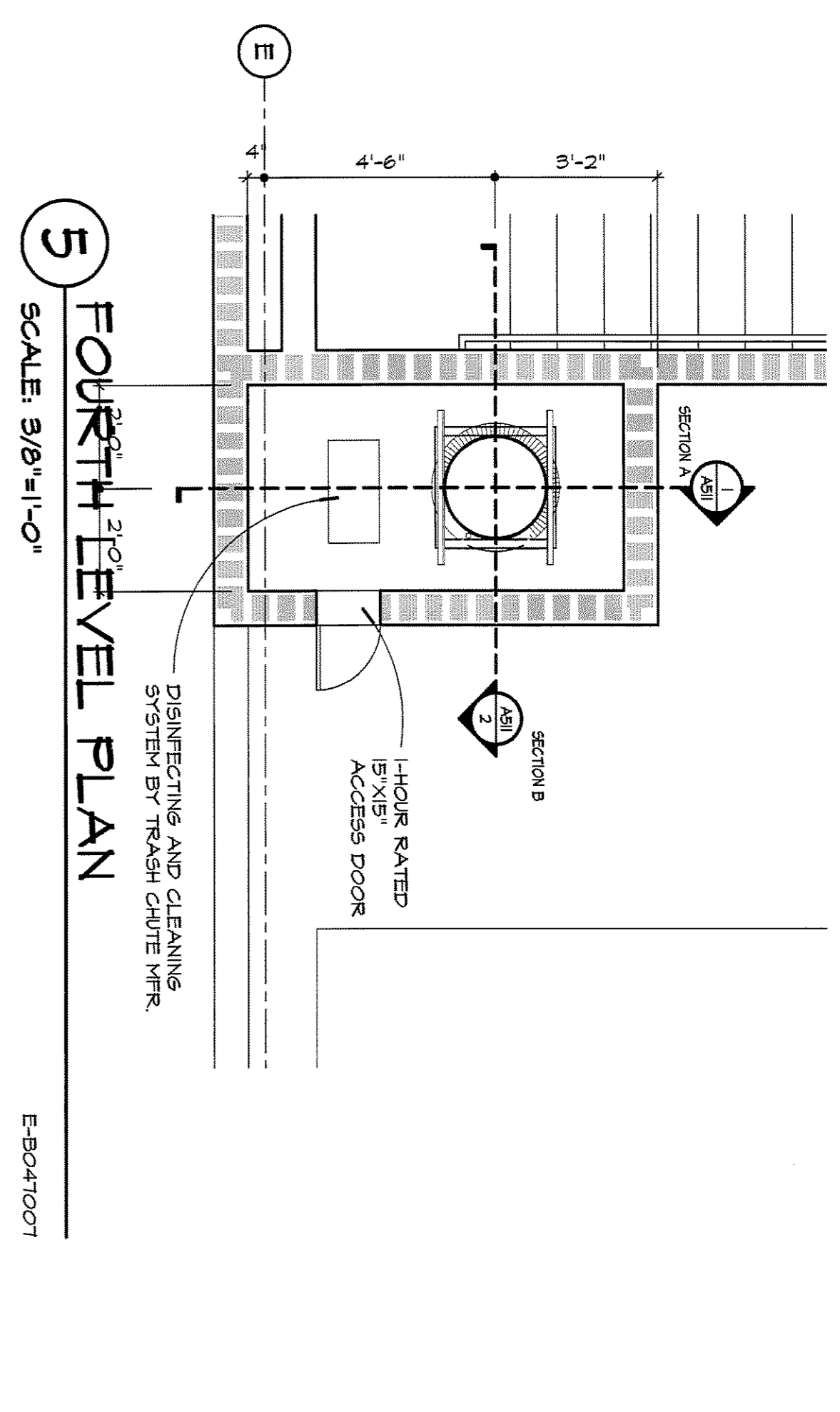
E-503/1007



4 SECOND & THIRD FLOOR LEVEL PLAN

SCALE: 3/8"=1'-0"

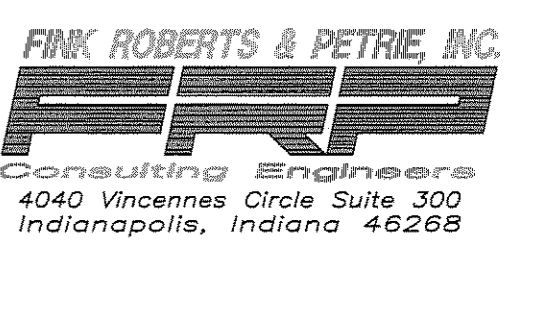
E-503/1007



5 FOURTH LEVEL PLAN

SCALE: 3/8"=1'-0"

E-503/1007



Eddy Street Commons
Phase II
Parking Garage
Project Number: 108-004
City of South Bend, Indiana

Construction Manager
Kite Realty Group
4040 Vincennes Circle, Suite 1100
Indianapolis, Indiana 46254
317-577-5000

Structural Engineer
Fink, Roberts & Petrie, Inc.
4040 Vincennes Circle, Suite 900
Indianapolis, Indiana 46254
317-292-8400

Architect
Fink, Roberts & Petrie, Inc.
4040 Vincennes Circle, Suite 900
Indianapolis, Indiana 46254
317-292-8400

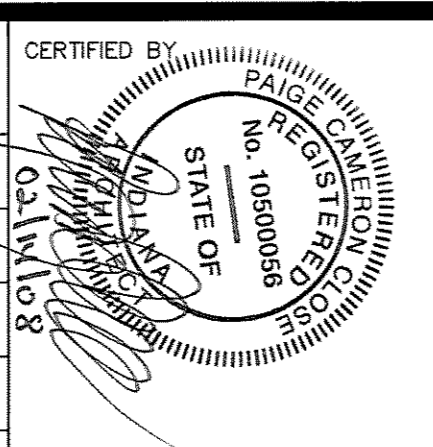
Mechanical, Electrical & Plumbing Engineer
Circle Design Group
4500 South East Street, Suite F
Merrillville, Tennessee 38103
503-521-1440

Public Consultant
Walker Parking Consultants
6002 West 72nd Street, Suite 210
Indianapolis, Indiana 46250
317-242-8800

Civil Engineer/Architect, Architect
The Troyer Group
5201 Union Street
Indianapolis, Indiana 46554
574-520-9070

100% Construction Documents
January 23, 2008

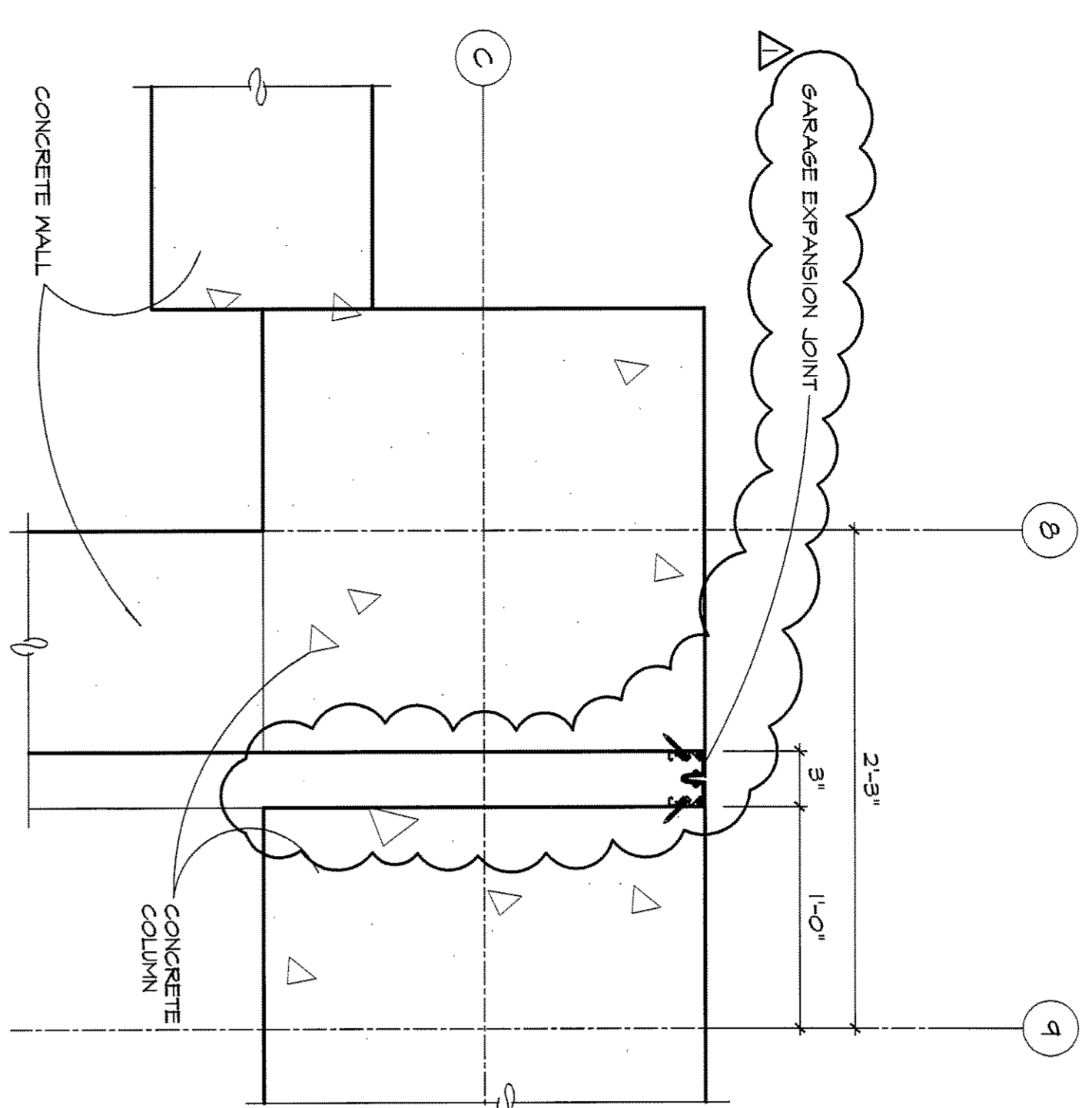
REVISION DATE	REVISION DESCRIPTION
02-14-08	ADDENDUM NO. 3



DESIGN DATE: 01/23/08
DESIGN PROJECT NO.: 07007
DESIGN DRAWN BY: MV
CHECKED BY: MW

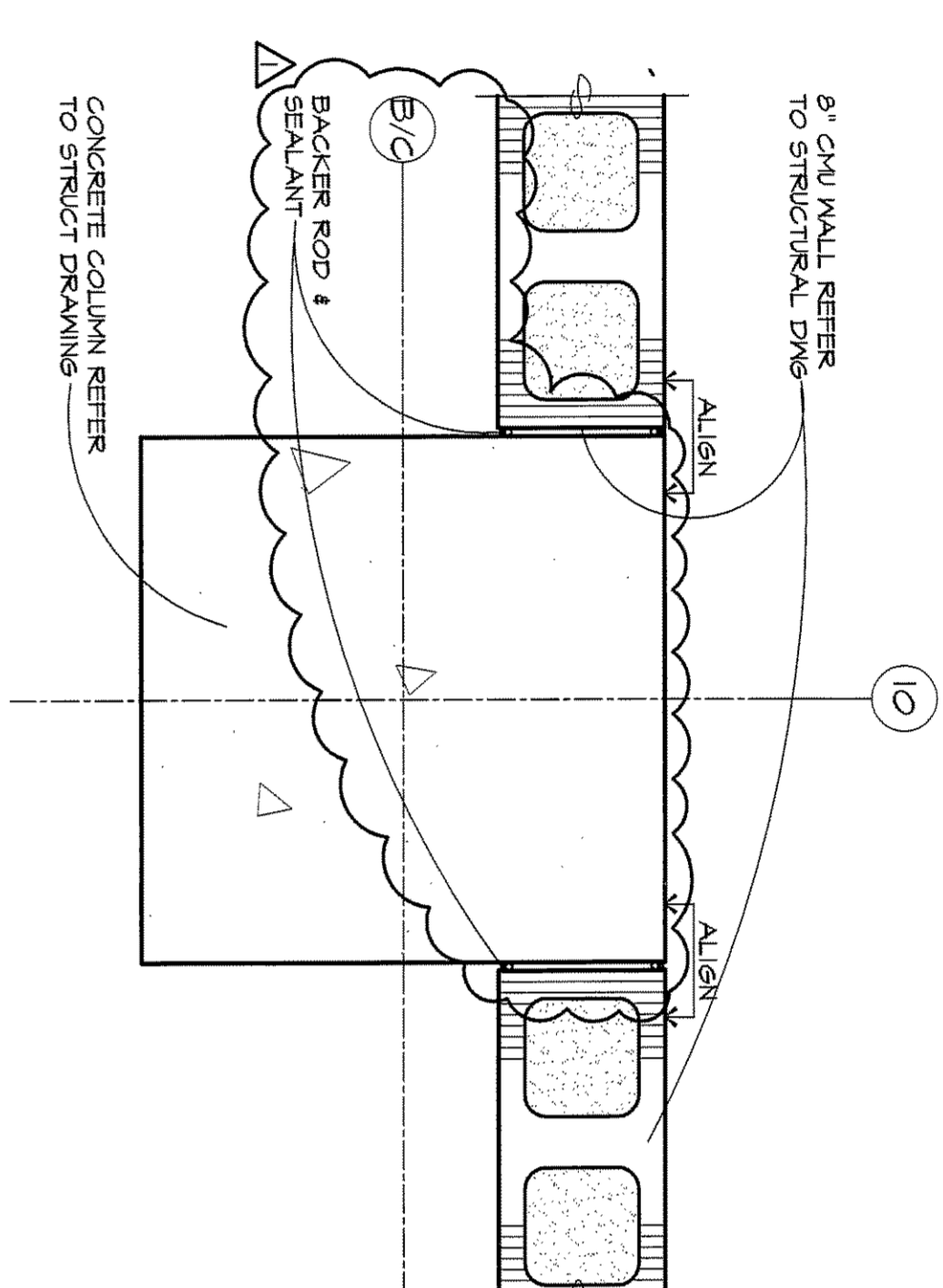
RESIDENTIAL TRASH CHUTE
PLANS AND SECTIONS

A511



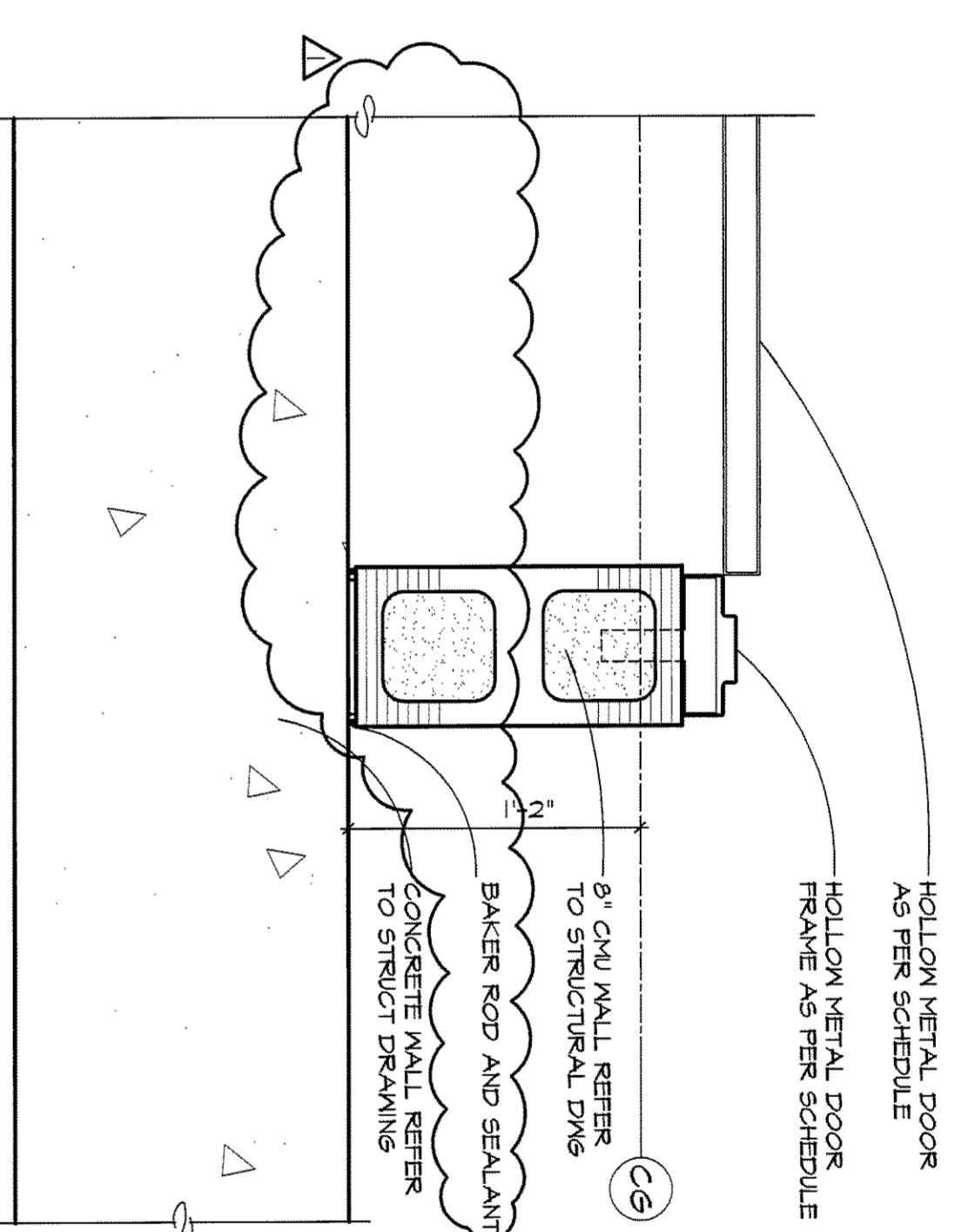
12 COLUMN DETAIL
SCALE: 1/12" = 0"

ACAD



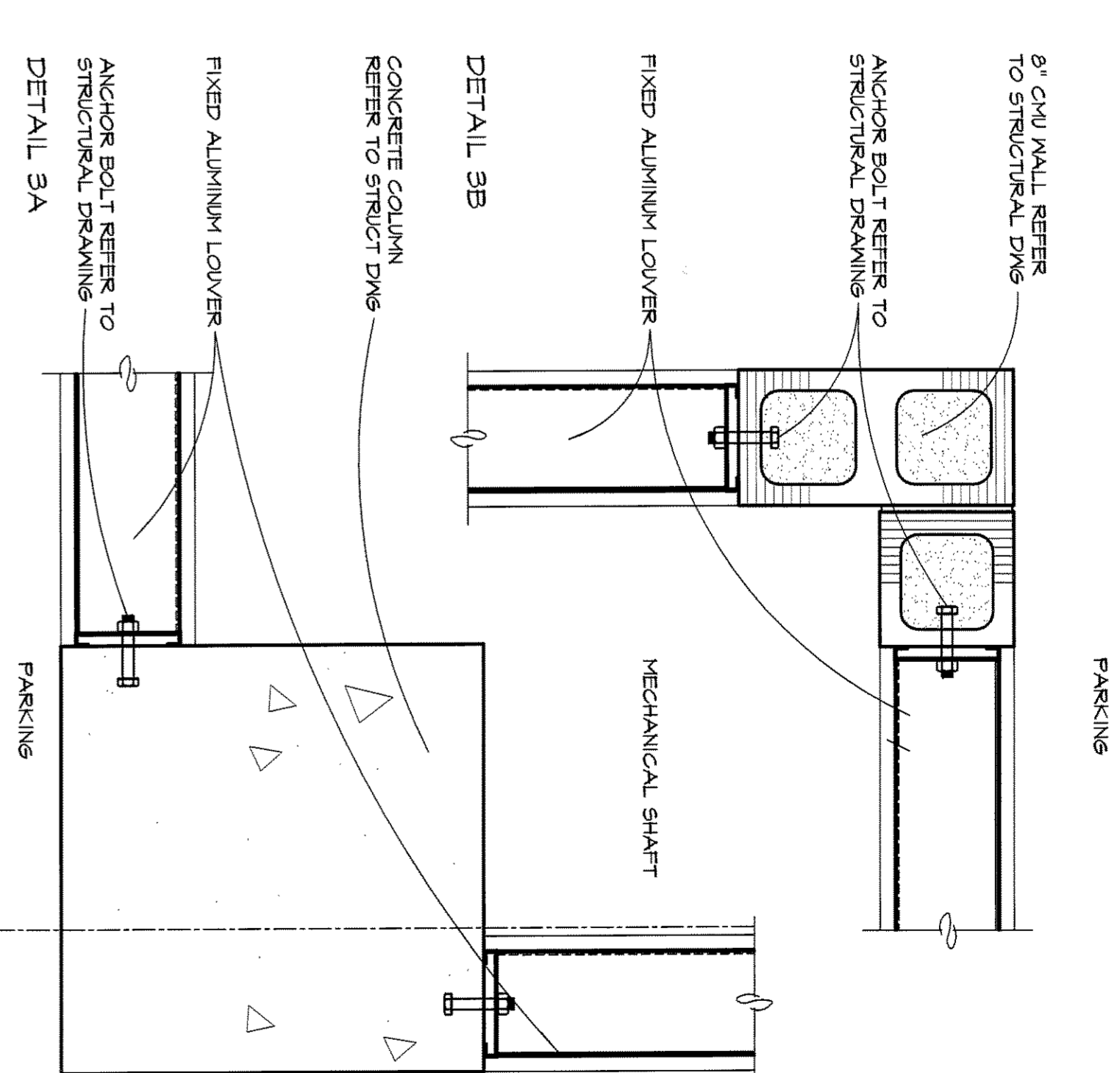
9 COLUMN / WALL DETAIL
SCALE: 1/12" = 0"

ACAD



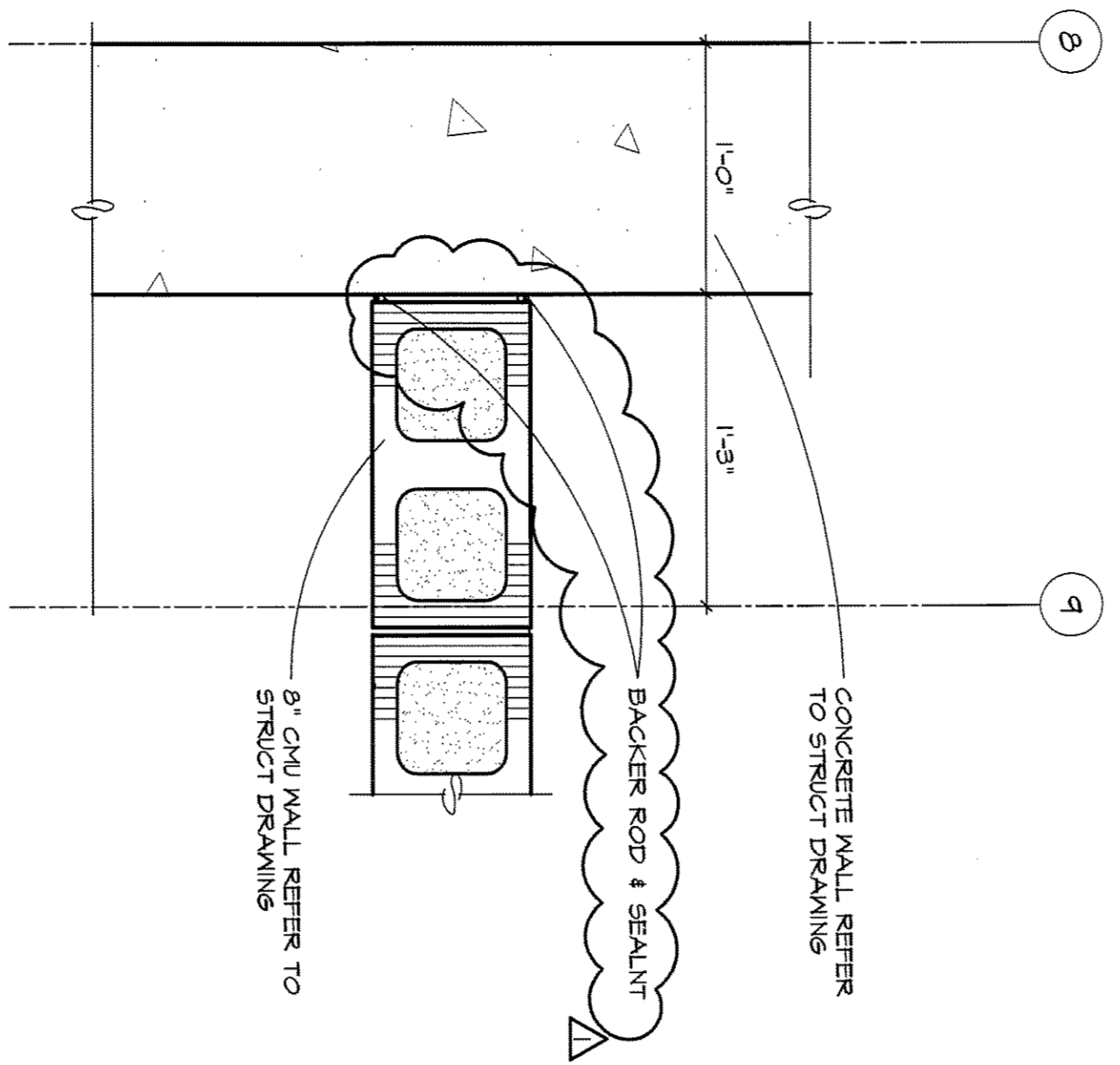
6 WALL DETAIL
SCALE: 1/12" = 0"

ACAD



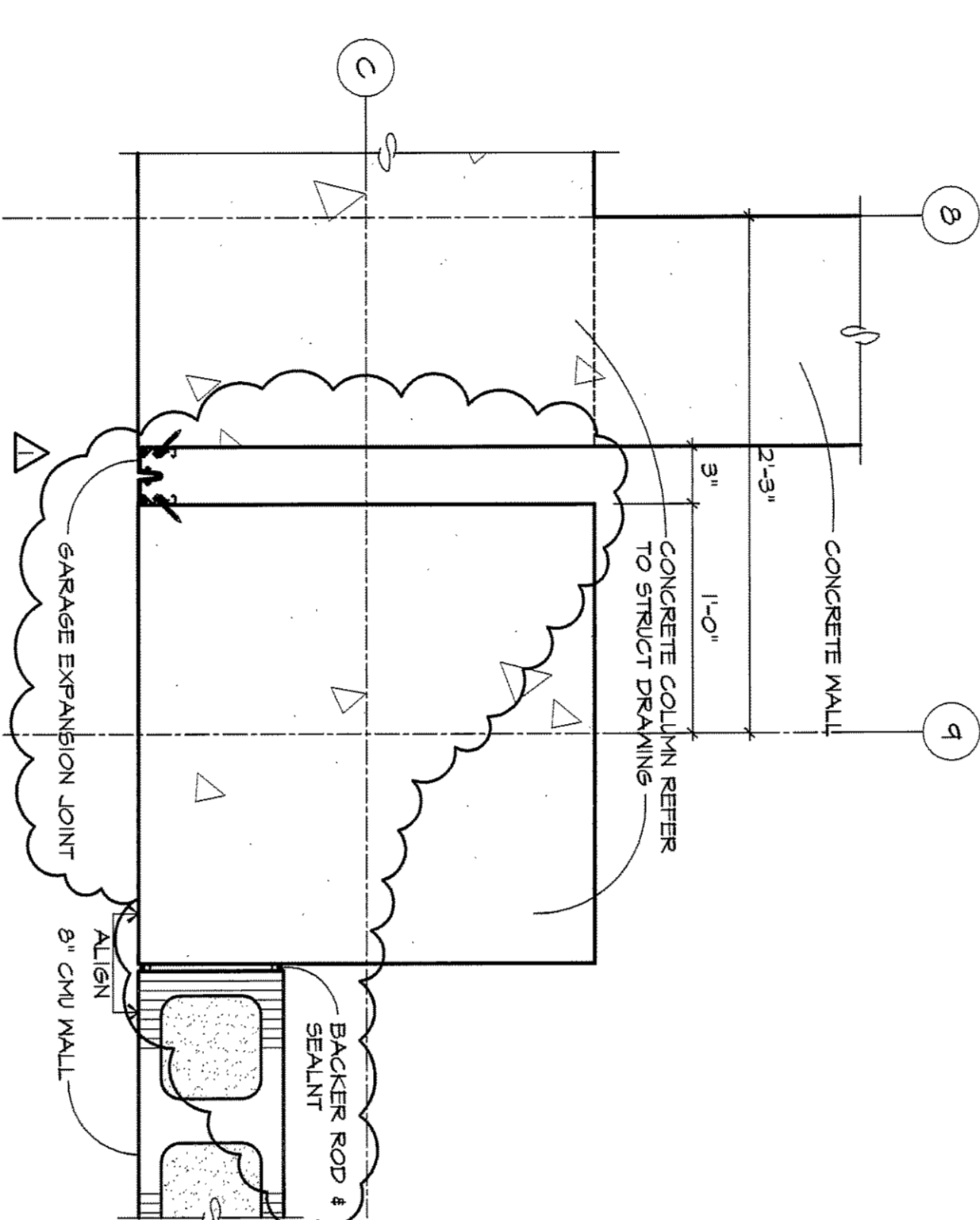
3 WALL DETAIL @ MECH SHAFT
SCALE: 1/12" = 0"

ACAD



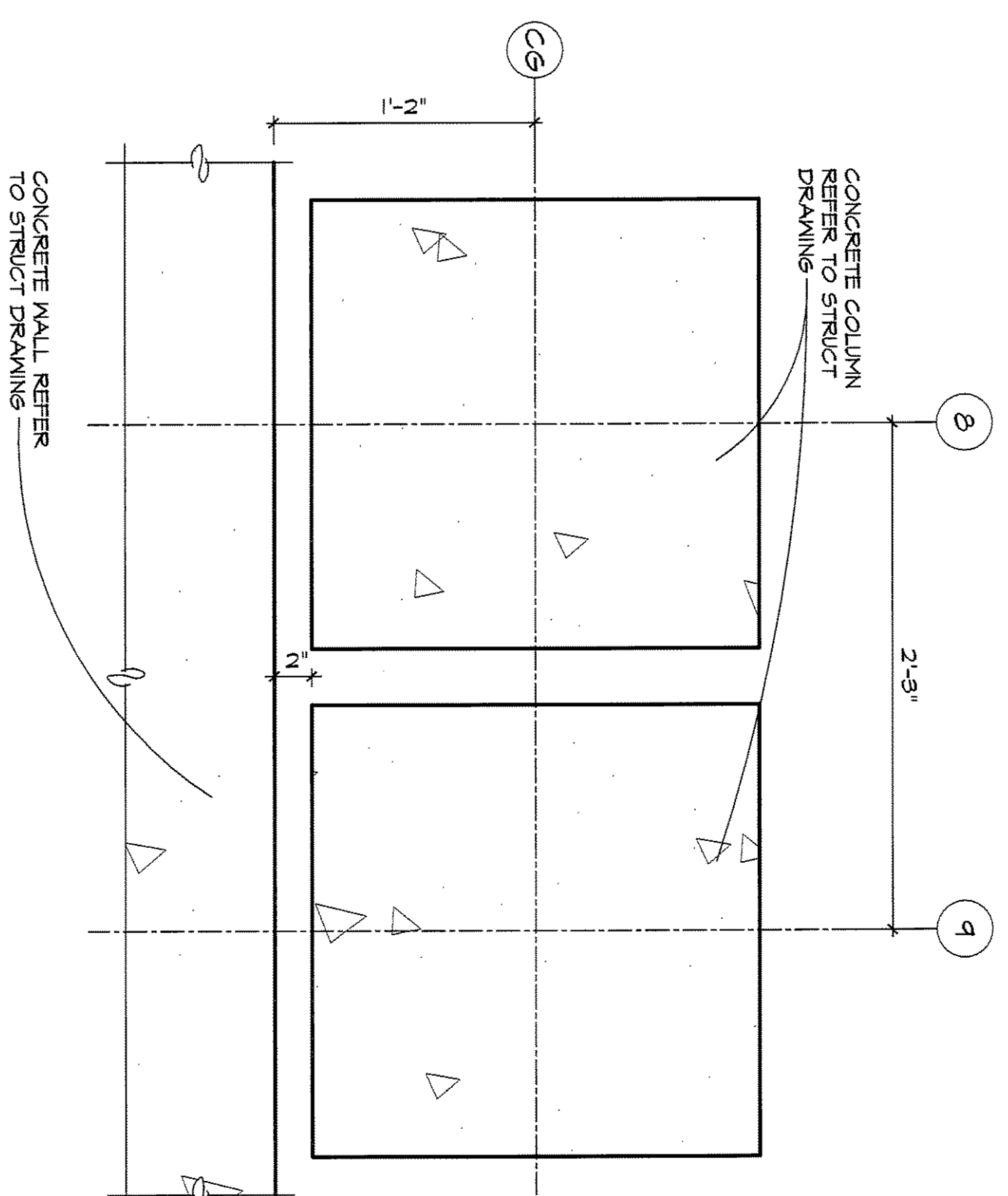
11 WALL CONNECTION DETAIL
SCALE: 1/12" = 0"

ACAD



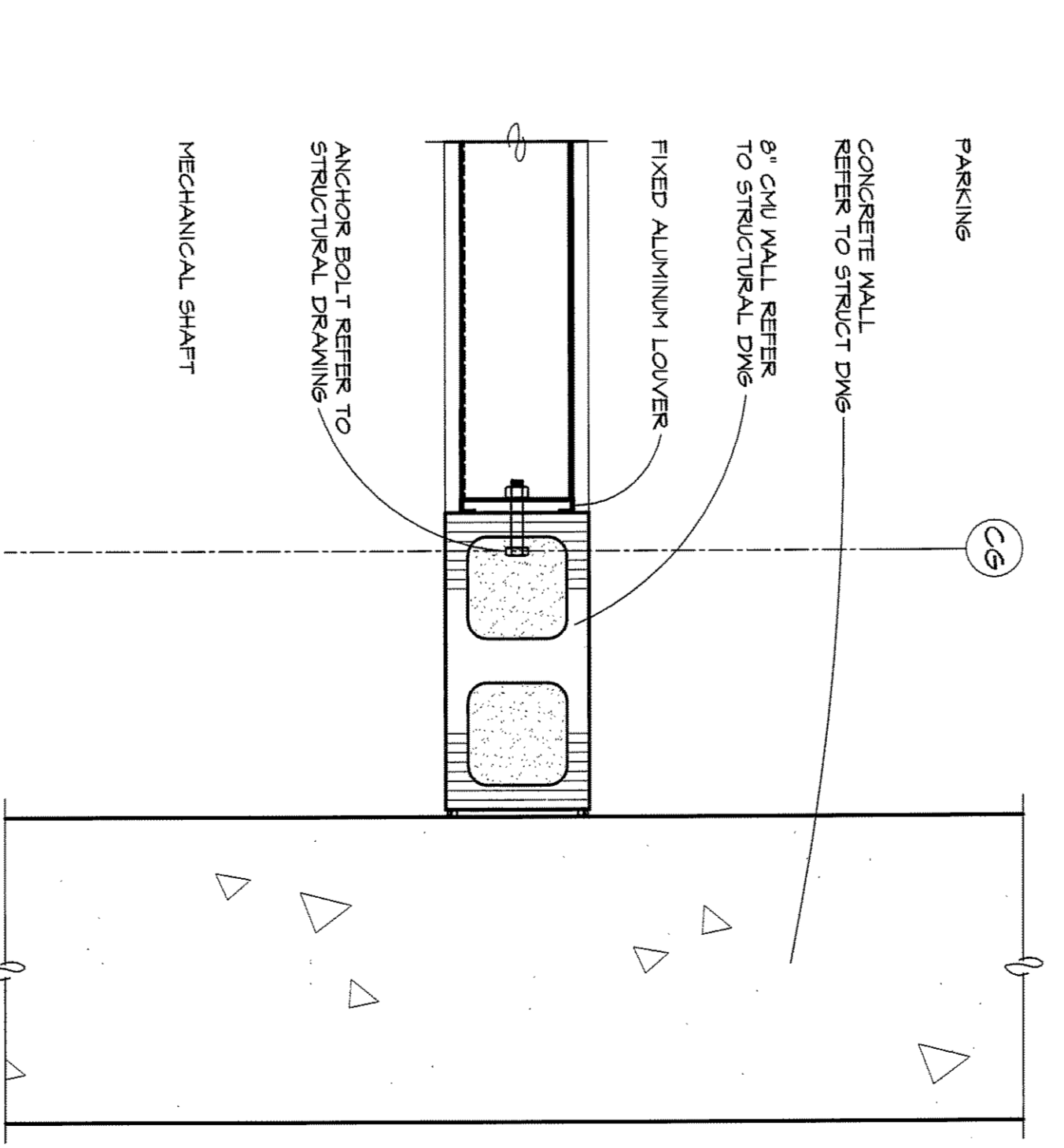
8 COLUMN DETAIL
SCALE: 1/12" = 0"

ACAD



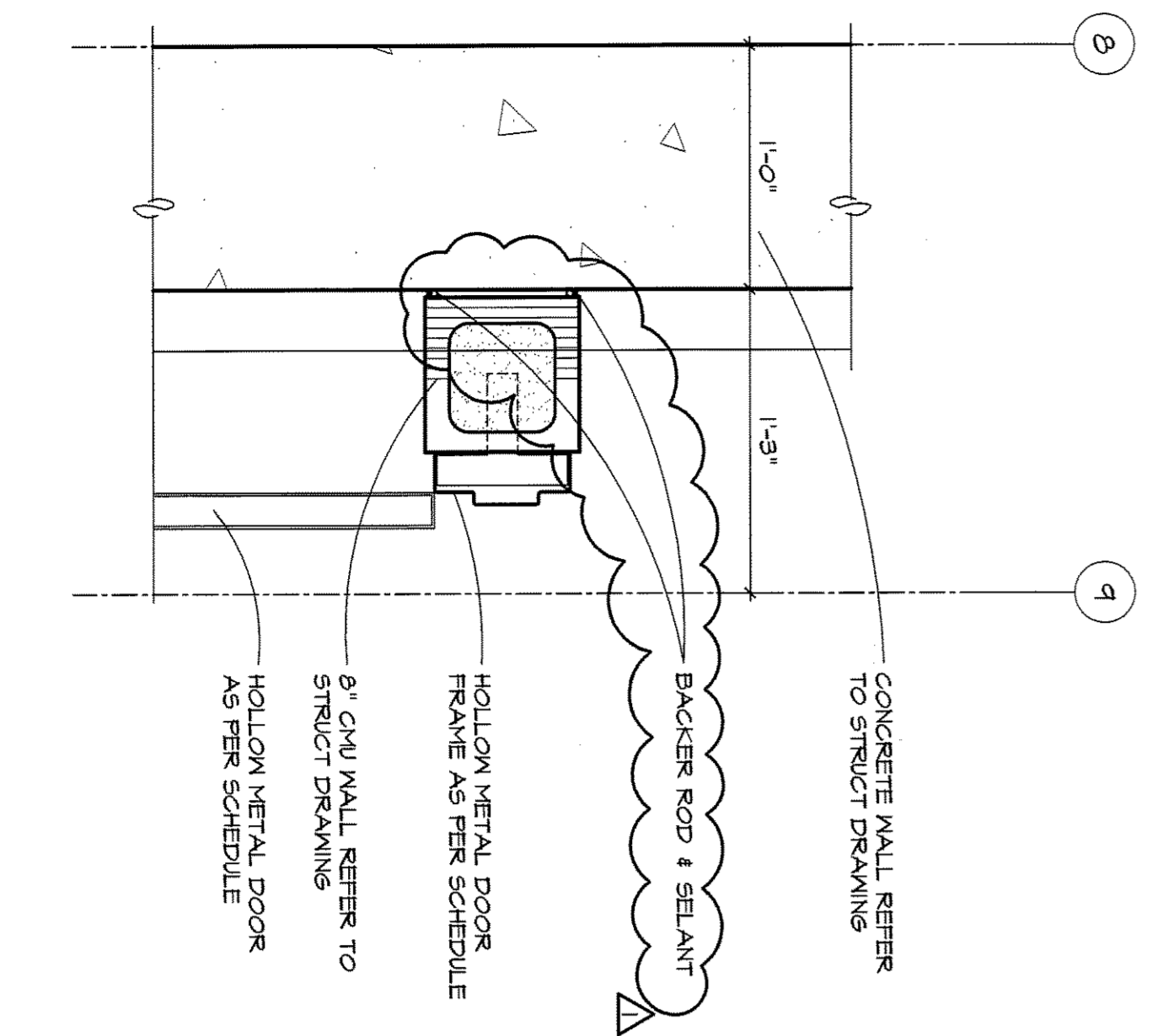
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SCALE: 1/12" = 0"

ACAD



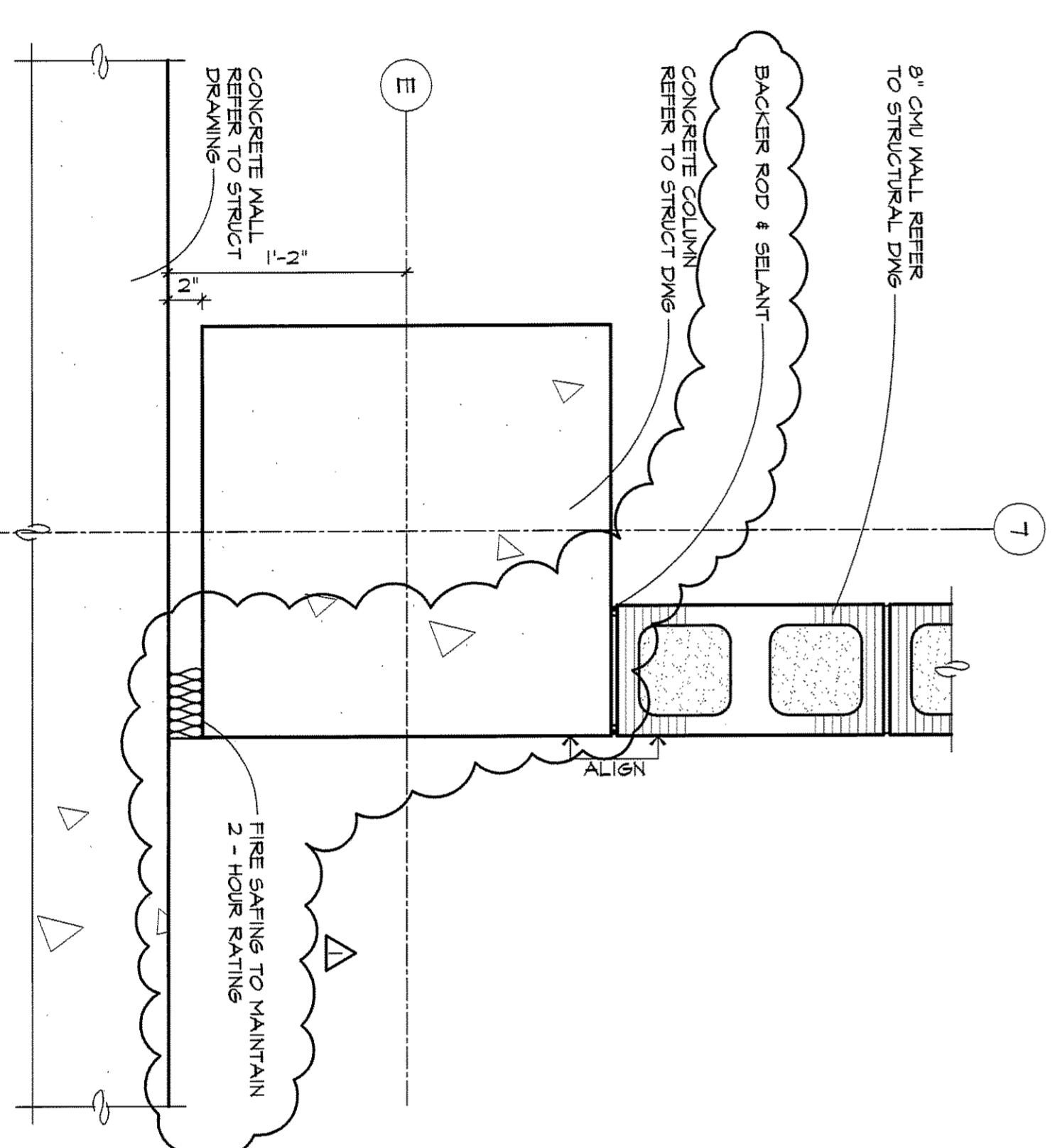
2 WALL DETAIL @ MECH SHAFT
SCALE: 1/12" = 0"

ACAD



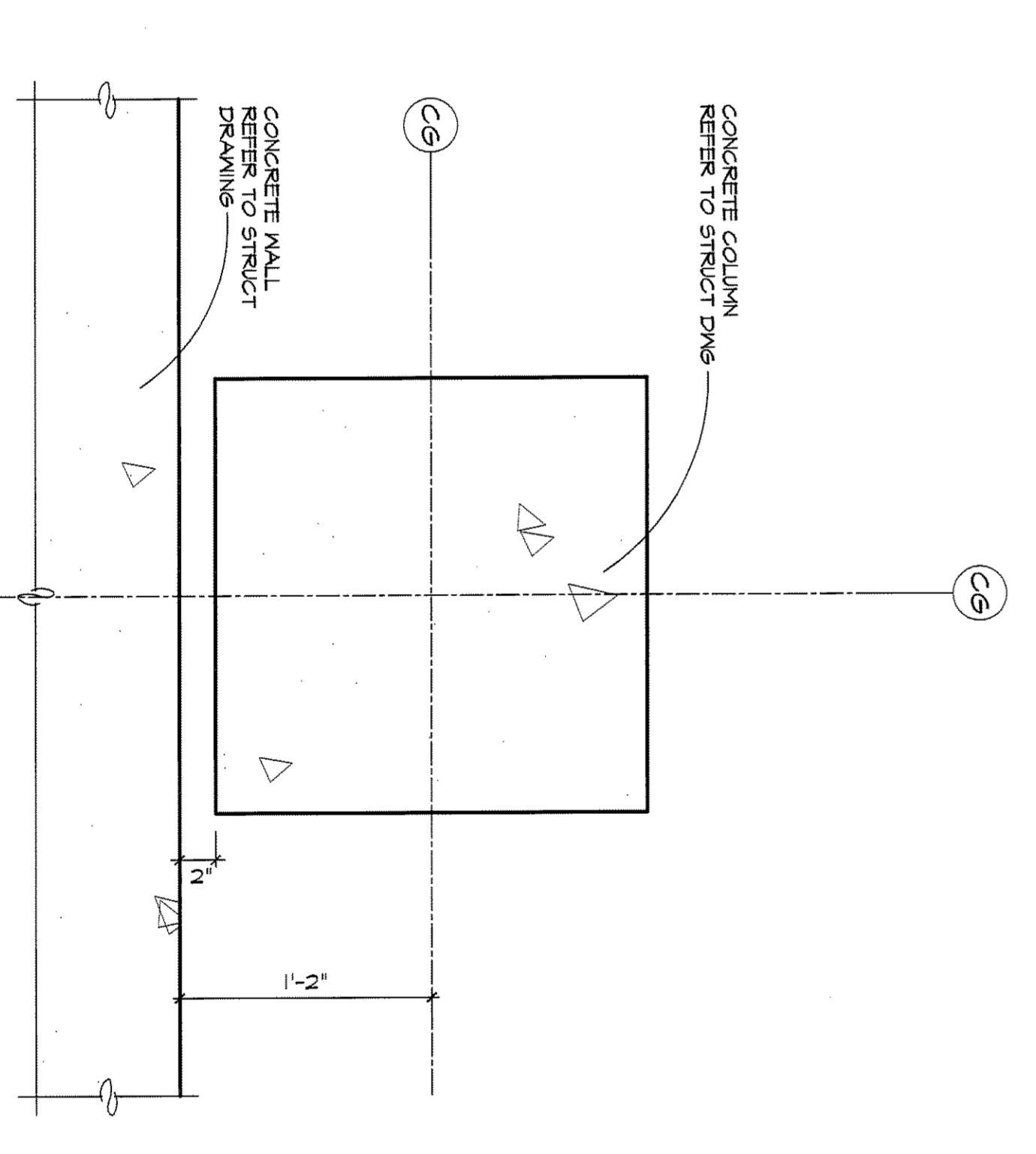
10 WALL CONNECTION DETAIL
SCALE: 1/12" = 0"

ACAD



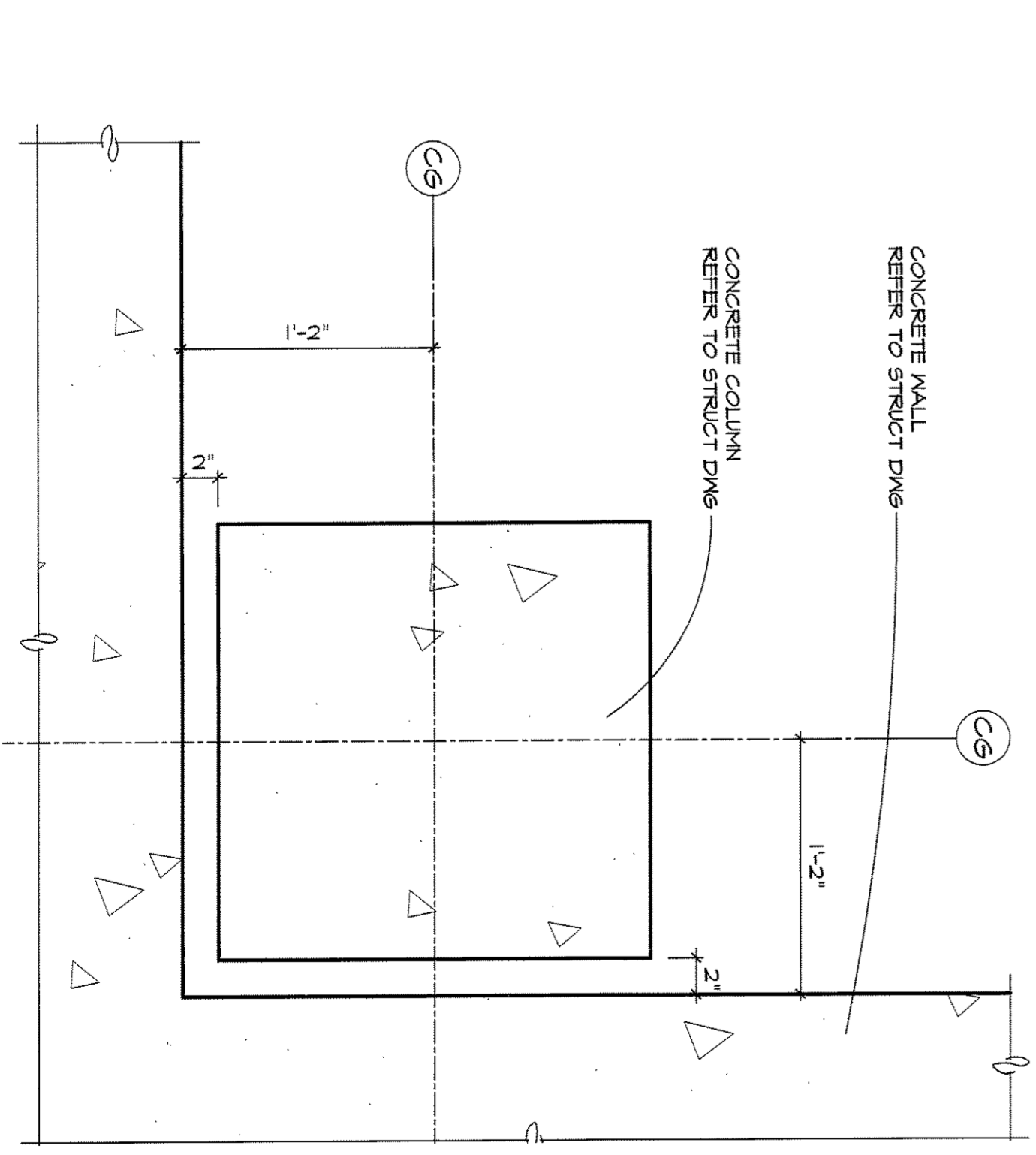
7 COLUMN / WALL DETAIL
SCALE: 1/12" = 0"

ACAD



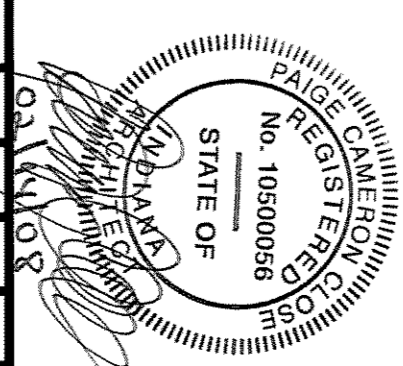
4 COLUMN DETAIL
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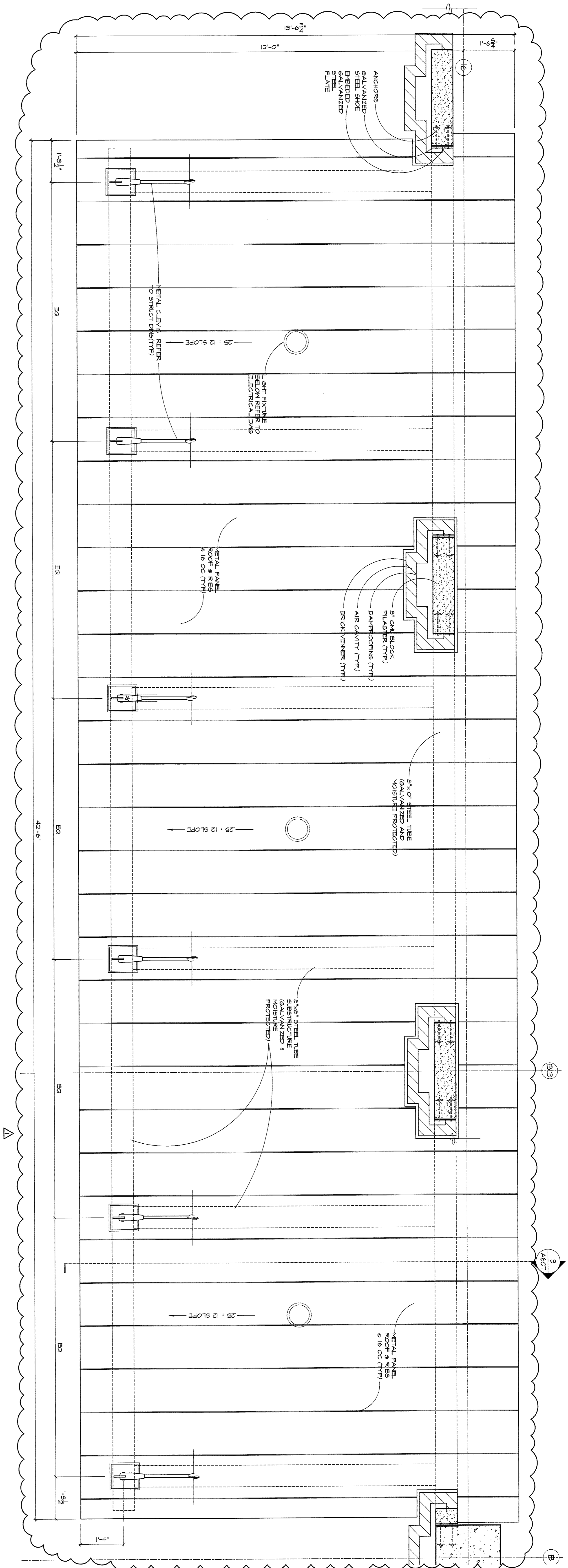
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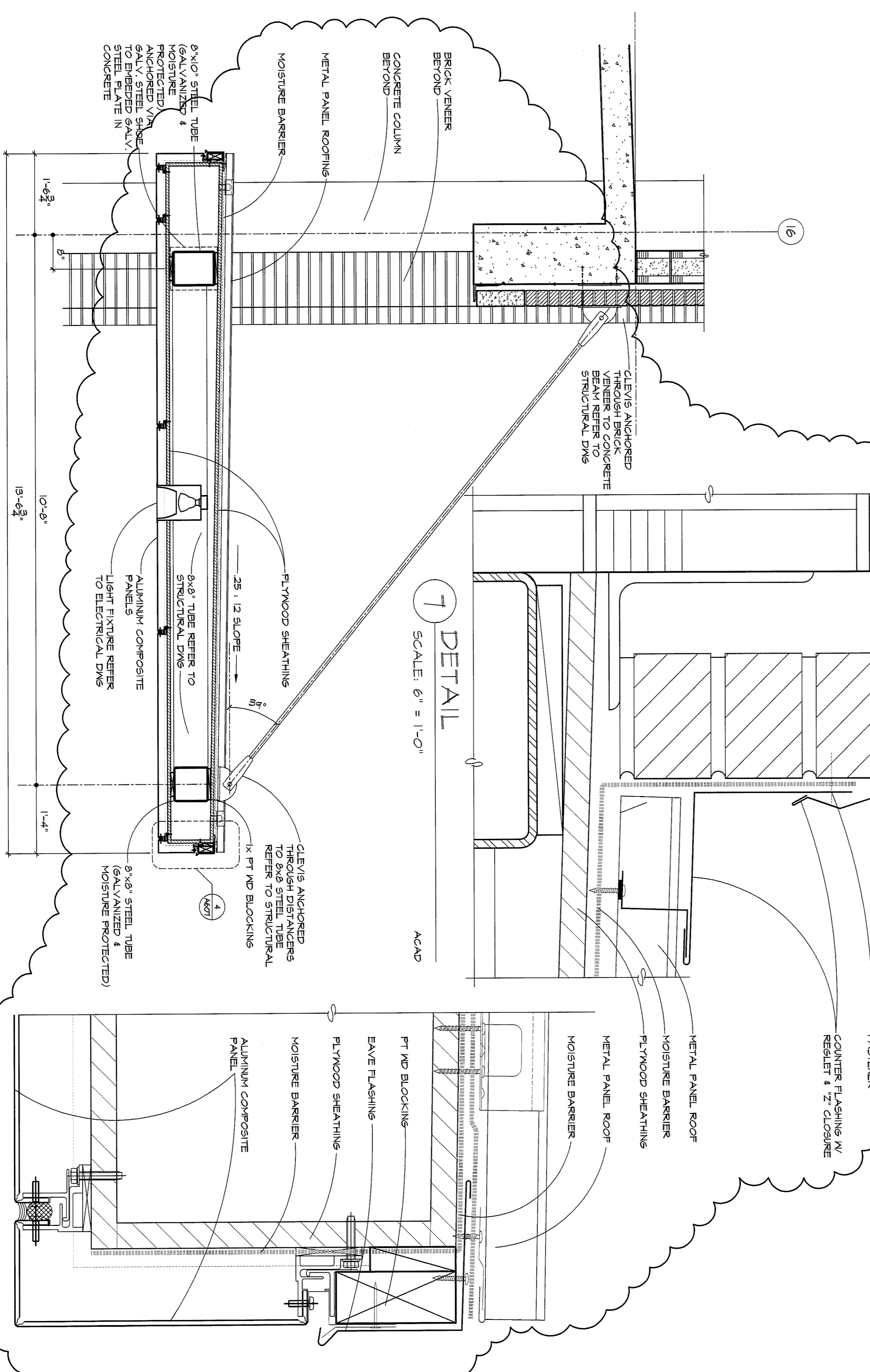
1 COLUMN DETAIL @ CORNER
SCALE: 1/12" = 0"

ACAD

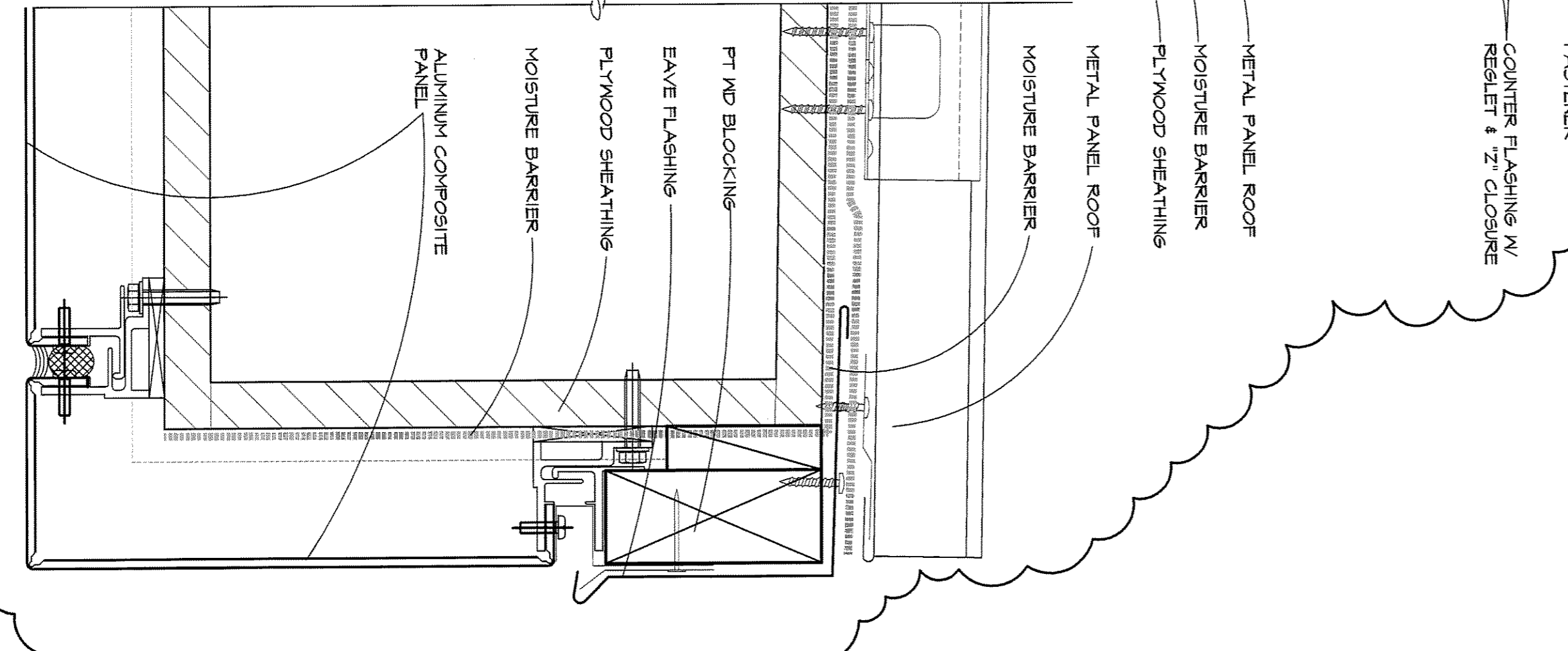




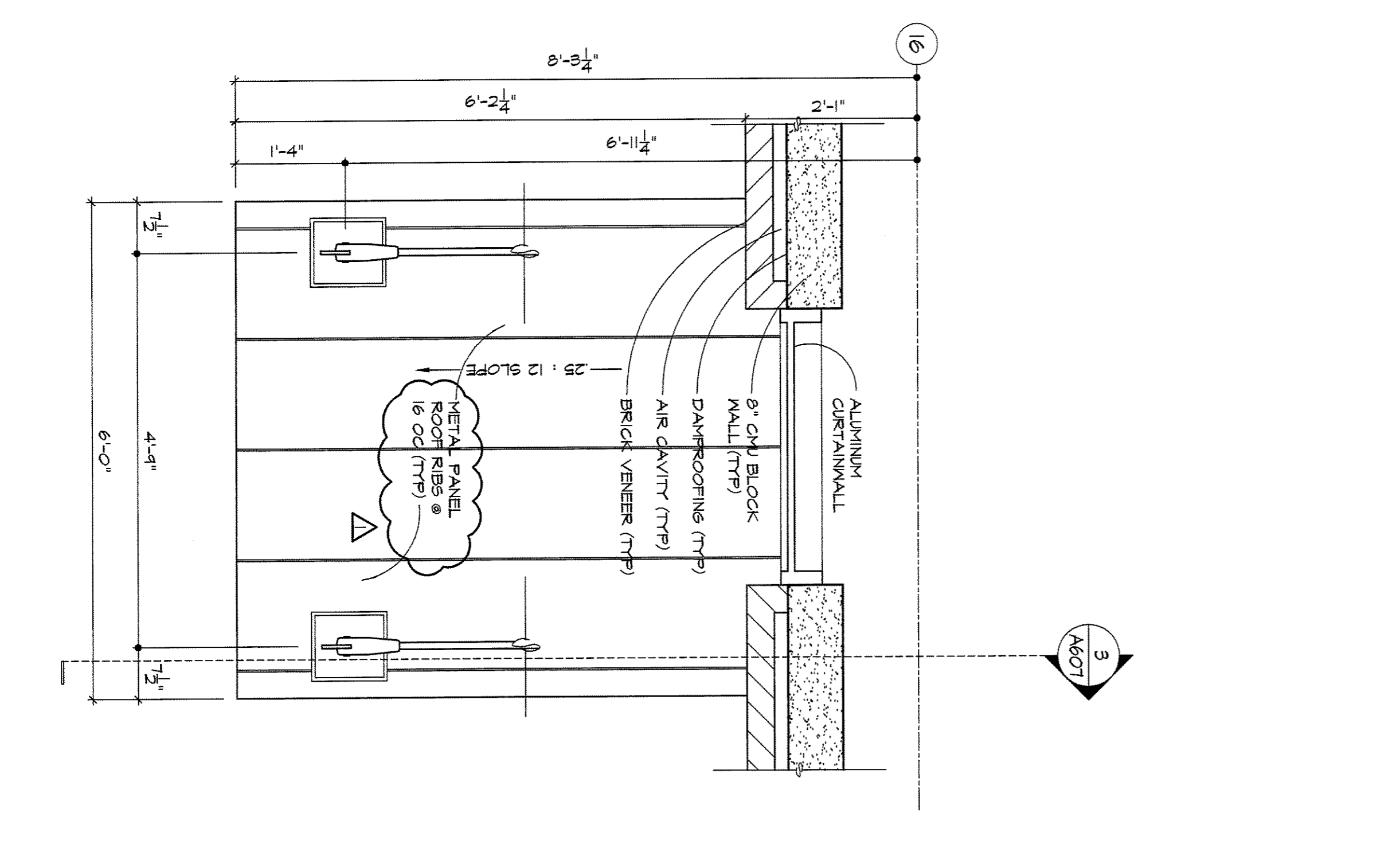
1 GARAGE ENTRANCE CANOPY PLAN
SCALE: 3/4"=1'-0"



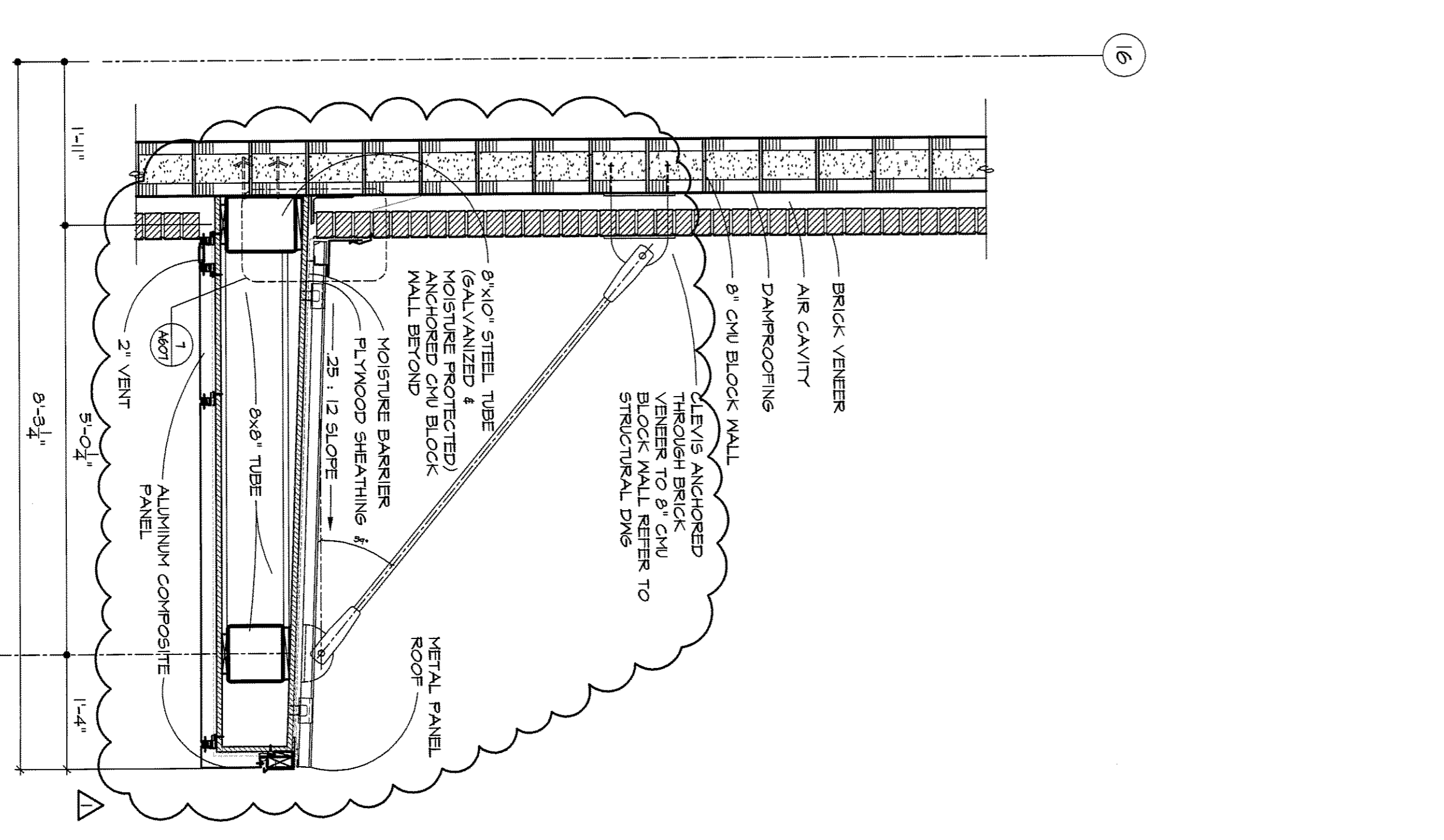
7 DETAIL
SCALE: 6"=1'-0"



4 DETAIL
SCALE: 6"=1'-0"

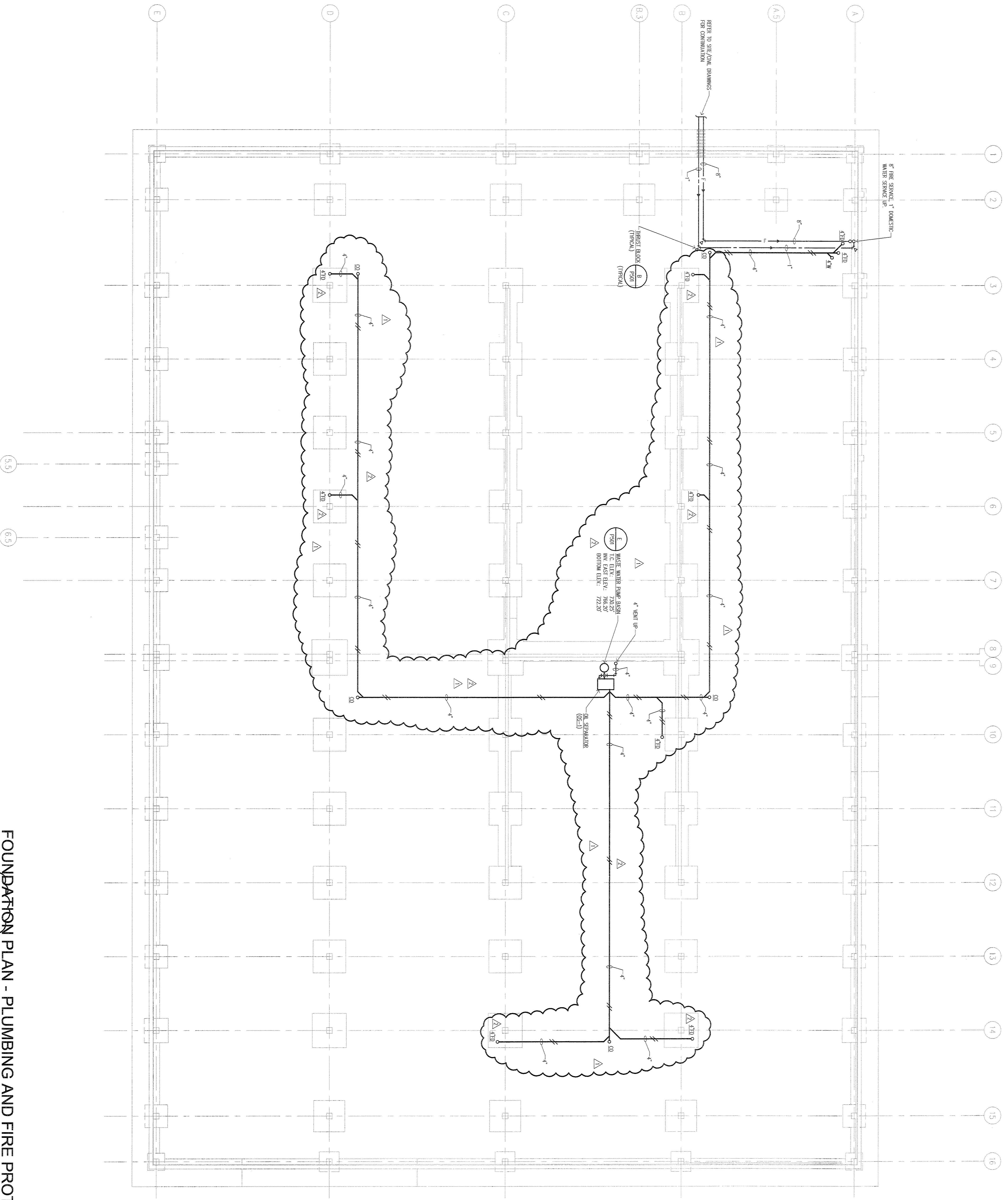


5 TOWER ENTRANCE CANOPY PLAN
SCALE: 1 1/2"=1'-0"

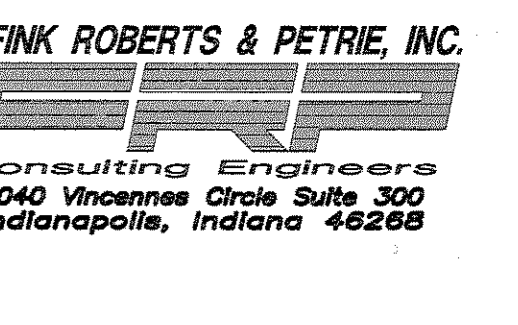


6 CANOPY SECTION
SCALE: 1 1/2"=1'-0"

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



FOUNDATION PLAN - PLUMBING AND FIRE PROTECTION
 FINISHED FLOOR ELEVATION 74.200'
 SCALE: 1/8" = 1'-0"



Fally Street Commons
 Phase II
 Parking Garage
 Project Number 108-004
 Owner:
 City of South Bend, Indiana

Construction Manager
Kyle Keally Group
 1100 South State Street
 Indianapolis, Indiana 46204
 317.577.4800

Structural Engineer
Fink, Roberts & Petrie, Inc.
 4040 Vincennes Circle, Suite 300
 Indianapolis, Indiana 46204
 317.575.8400

Architect
Tommy R. Kise
 1751 Troop Plaza, Suite 600
 Merrillville, Tennessee 38108
 503.921.1480

Mechanical, Electrical & Plumbing Engineer
Circle Design Group
 520 South East Street, Suite 4
 Indianapolis, Indiana 46202
 317.251.0200

Plumbing Consultant
Walker Parking Consultants
 6602 East 75th Street, Suite 210
 Indianapolis, Indiana 46220
 317.942.0800

Civil Engineer/Inspector, Architect
The Troyer Group
 520 Union Street
 Indianapolis, Indiana 46204
 317.459.9976

100% Construction Documents
 January 23, 2008

REVISION DATE	REVISION DESCRIPTION	#
02/04/08		#1
02/13/08		#2

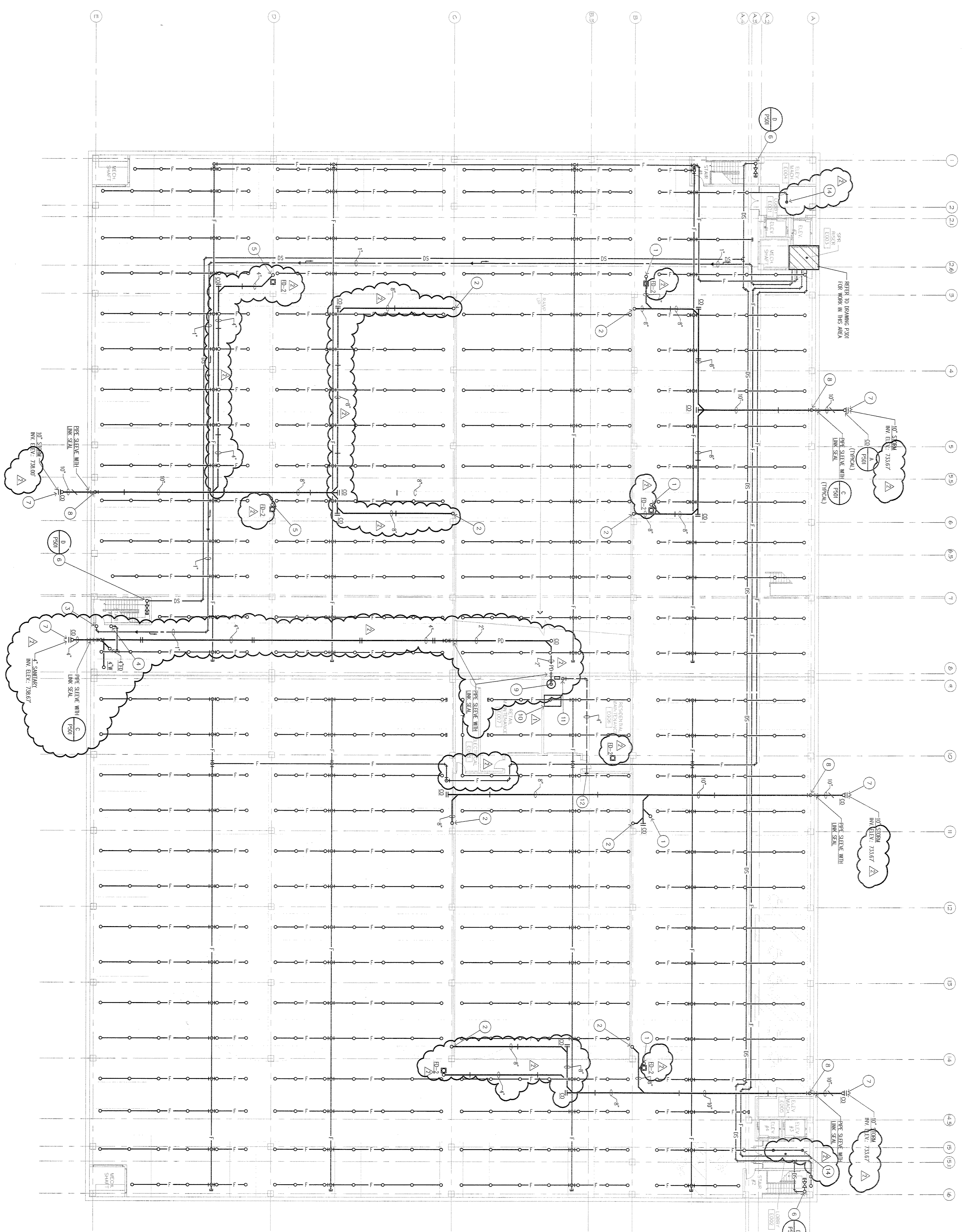
CERTIFIED BY

R. MERTENS
 CHECKED BY
C. CHAMPION

DESIGN NO.
07088
 DESIGNER
R. MERTENS
 CHECKED BY
C. CHAMPION

SHEET TITLE
**FOUNDATION PLAN
 PLUMBING AND FIRE PROTECTION**

SHEET NO.
P201



FLOOR PLAN - BASEMENT LEVEL - PLUMBING AND FIRE PROTECTION
SCALE: 1/8" = 1'-0"

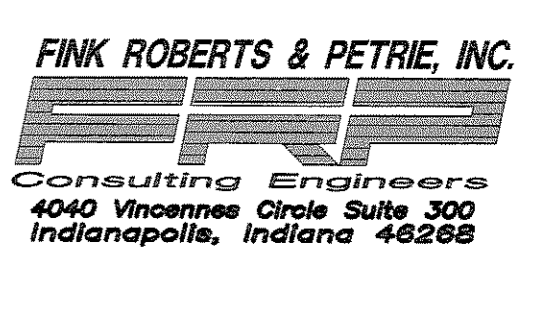
GENERAL NOTES:

1. THE BUILDING SHALL BE PROTECTED BY A FULLY AUTOMATIC DRY SPRINKLER SYSTEM.
2. SYSTEM HEIGHT CLASSIFICATION AS FOLLOWS:

HEIGHT	CLASSIFICATION	HEAD TYPE
10 FT TO 15 FT	CLASS 1	150°F
15 FT TO 20 FT	CLASS 2	150°F
20 FT TO 30 FT	CLASS 3	150°F
3. INSTALL SPRINKLER SYSTEM PER NFPA 13.
4. COORDINATE SPRINKLER HEAD LAYOUT WITH ALL OTHER CEILING SERVICES.
5. SHIELD ALL SPRINKLER HEADS FROM PHYSICAL DAMAGE AND SPRINKLER HEADS FROM OIL FROM ASBESTOS REMEDIATION. COORDINATE SPRINKLER WITH ALL ELECTRICAL AND OTHER SERVICES.
6. SUBMIT PLANS TO AGENCY/ENGINEER FOR REVIEW FROM TO DETERMINE IF SYSTEM IS PROTECTED BY A FULLY AUTOMATIC DRY SPRINKLER SYSTEM PER NFPA 13. THE SYSTEM SHALL BE INSTALLED PER NFPA 13.
7. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
8. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
9. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
10. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
11. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
12. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
13. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
14. REFER TO SECTION BIDDING FOR COMMUNICATIONS.

PLAN NOTES:

1. 1" STANDPIPE FROM AREA (A-E) (A-E) ABOVE.
2. 1" STANDPIPE FROM AREA (A-E) (A-E) ABOVE.
3. TRASH CHUTE THE MAIN IS 1" COLD WATER UP.
4. 1" COLD WATER UP.
5. 1" COLD WATER UP.
6. 1" COLD WATER UP.
7. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
8. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
9. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
10. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
11. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
12. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
13. REFER TO SECTION BIDDING FOR COMMUNICATIONS.
14. REFER TO SECTION BIDDING FOR COMMUNICATIONS.



Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

City of South Bend, Indiana

Construction Manager
Kite Realty Group
1000 West Main Street, Suite 1100
South Bend, Indiana 46725
317-277-0000

Structural Engineer
Fink, Roberts & Petrie, Inc.
4040 Vincennes Circle, Suite 300
Indianapolis, Indiana 46226
317-277-0000

Architect
Janning Ricks Koss
1000 West Main Street, Suite 1100
South Bend, Indiana 46725
317-277-0000

Mechanical, Electrical & Plumbing Engineer
Circle Design Group
3510 South East Street, Suite F
Indianapolis, Indiana 46227
317-277-0000

Package Consultant
Walker Parking Consultants
1000 West Main Street, Suite 1100
South Bend, Indiana 46725
317-277-0000

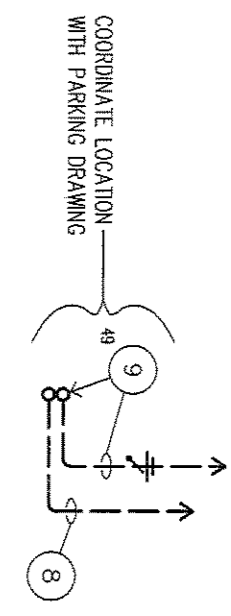
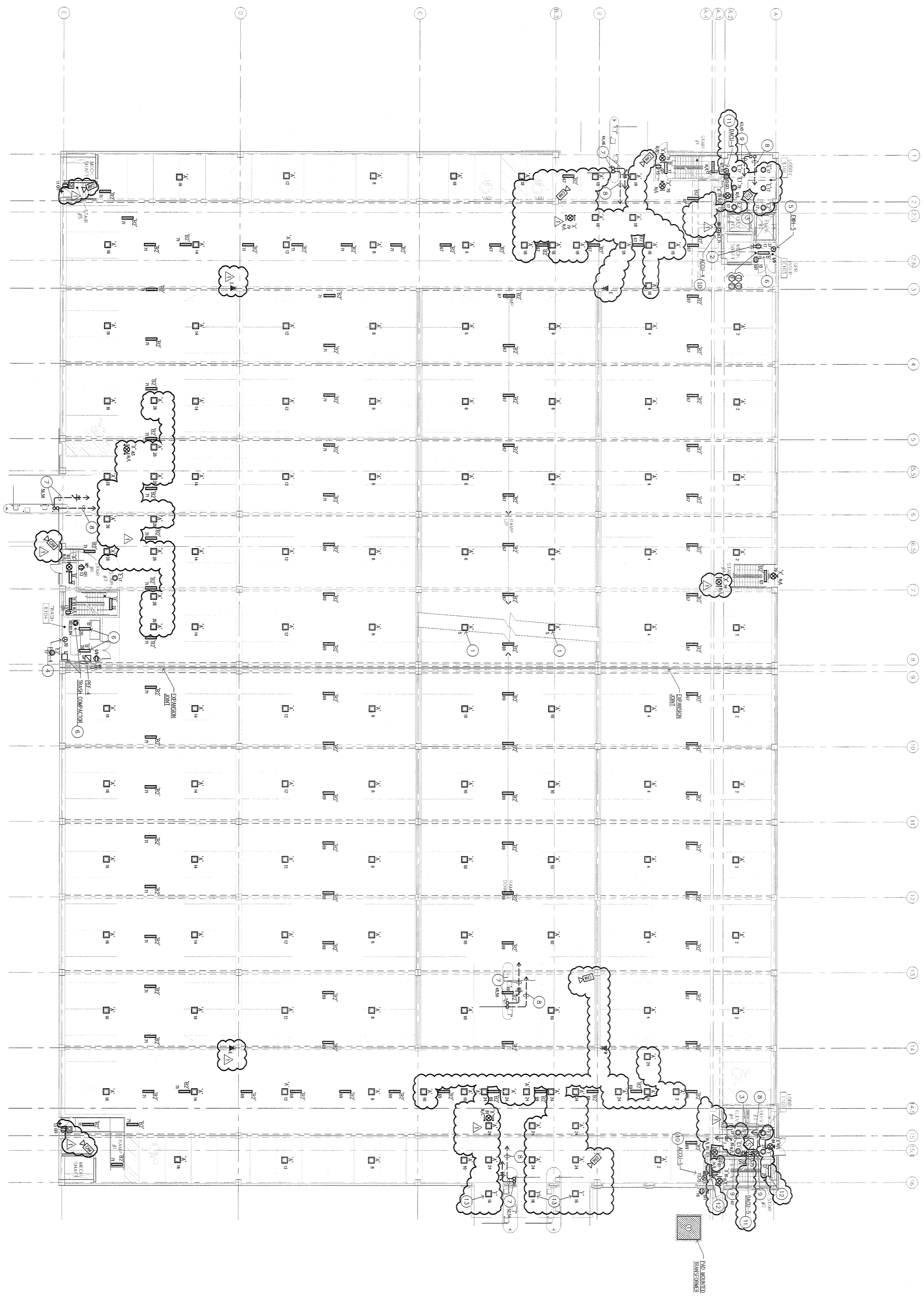
Civil Engineer/Inspector/Architect
The Towner Group
5500 Union Street, Suite 405
Indianapolis, Indiana 46226
317-277-0000

100% Construction Documents
January 23, 2008

REVISION DATE	REVISION DESCRIPTION	BY	CHK
02/04/08	IF NO.00000		
02/11/08	IF NO.00000		

CERTIFIED BY
R. MERTENS
REGISTERED PROFESSIONAL ENGINEER
NO. 07098
STATE OF INDIANA
DESIGNED BY
G. CHAMPION

SHEET NO. **P202**
SHEET TITLE
**FLOOR PLAN - BASEMENT LEVEL
PLUMBING AND FIRE PROTECTION**



FLOOR PLAN - GROUND LEVEL - ELECTRICAL

SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
1. WORKING BOTTOM OF ALL TYPE "X" LIGHT FIXTURES CORN WITH BOTTOM OF STRUCTURAL BEAMS.
 2. ALL WEATHERPROOF OR RECEPTS TO HAVE LOCAL WIRE.
 3. ROUTE ALL EXPOSED CONDUITS THROUGH SPACES PROVIDED IN STRUCTURE. DO NOT ROUTE ANYTHING BELOW STRUCTURAL BEAMS.
 4. ALL LIGHTING FEED FROM PANEL "301" VIA WIRETRAY SYSTEMS. CONDUITS TO BE RIGIDLY SUPPORTED. SEE SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 5. ALL RECEPTS FEED FROM PANEL "301". SEE SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 6. ALL LIGHT FIXTURES AND EXITS FEED FROM PANEL "301" UNLESS NOTED OTHERWISE. SEE SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 7. REFER TO PARKING GARAGE FOR ADDITIONAL ELECTRICAL WORK. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.

- PLAN NOTES:**
1. LOOK UP EXISTING ON DOWN BUMP TO BASEMENT LEVEL AND FEED FROM DOWN IN BASEMENT.
 2. RECEPTS FOR SERVICE ARE COMPASS ROSE.
 3. PER ALARM CENTER FOR ELEVATOR SIGNAL.
 4. (SWM-277)-1-1) WALL MOUNTED ELECTRIC PROPRIETARY UNIT HEATER WORKING EXHAUST. SIGNAL TO GARAGE MAINS-7) AM-1 AMPS-25/2000-10. FEED FROM PANEL "301". SEE SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 5. (SWM-277)-1-1) SURFACE MOUNTED APERTURE TYPE HEAVY-DUTY RECEPT SWITCH. SIGNAL TO GARAGE MAINS-7) AM-1 AMPS-25/2000-10. FEED FROM PANEL "301". SEE SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 6. 3/4" CONDUIT, 1" DIA. AND GROUND TO PANEL "301" IN BASEMENT. REFER TO PARKING GARAGE FOR ADDITIONAL WORK. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 7. 1" CONDUIT WITH PULL WIRE TO TERMINATE TERMINAL BOXES IN BASEMENT. REFER TO PARKING GARAGE FOR ADDITIONAL WORK. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 8. CONDUIT AIRSPACE. PROVIDE MACHINE CONDUIT AND WIRE TO PANEL "301" IN BASEMENT. REFER TO PARKING GARAGE FOR ADDITIONAL WORK. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 9. CONNECT UNIT AND FEED FROM PANEL "301" VIA DISCONNECT SWITCH. UNIT ALSO FEEDS ANOTHER UNIT.
 10. CONNECT UNIT AND FEED FROM PANEL "301" VIA DISCONNECT SWITCH. UNIT ALSO FEEDS ANOTHER UNIT.
 11. UNIT FEED FROM OTHER UNIT VIA DISCONNECT SWITCH.
 12. WORKING 8'-0" x 8'-0" AREA.
 13. LIGHTING FEED FROM PANEL "301" VIA EXTERIOR HEATING CONDUIT. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 14. LIGHTING FEED FROM PANEL "301" VIA EXTERIOR HEATING CONDUIT. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 15. LIGHTING FEED FROM PANEL "301" VIA EXTERIOR HEATING CONDUIT. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.
 16. LIGHTING FEED FROM PANEL "301" VIA EXTERIOR HEATING CONDUIT. REFER TO SHEET FOR NOTES ON WIRETRAY SYSTEMS.

FINK ROBERTS & PETRIE, INC.
CONSULTING ENGINEERS
4040 Vincennes Circle Suite 300
Indianapolis, Indiana 46204

**Eddy Street Commons
Phase II
Parking Garage
Project Number 106-004**

Owner:
City of South Bend, Indiana

Construction Manager:
K&B Realty Group
1100 North Meridian Street
Indianapolis, Indiana 46204
317-257-2000

Structural Engineer:
Pink, Roberts & Petrie, Inc.
1100 North Meridian Street
Indianapolis, Indiana 46204
317-257-2000

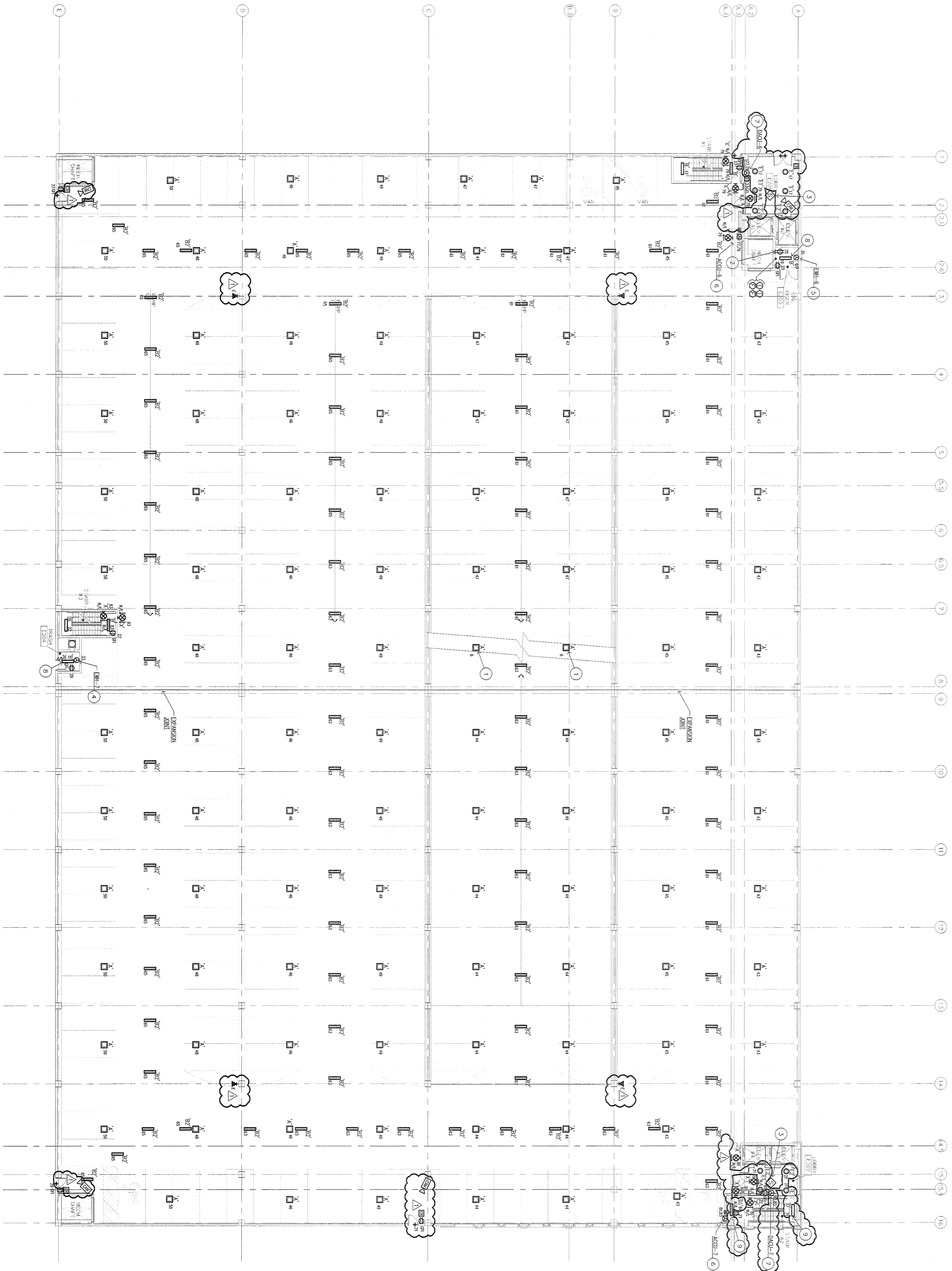
Architect:
Lanning Rockwell
175 Third Street, Suite 600
Madison, Tennessee 37103
615-252-1100

Mechanical, Electrical & Plumbing Engineer:
Circle Design Group
2001 Summit Road, Suite 100
Indianapolis, Indiana 46229
317-278-8200

Building Consultant:
Walker Parking Consultants
6097 East 70th Street, Suite 310
Indianapolis, Indiana 46226
317-414-0200

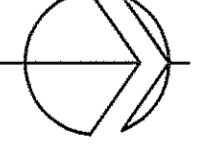
Cost Engineer/Architect, Architect:
The Troyer Group
1000 North Meridian Street
Indianapolis, Indiana 46204
317-425-9976

SHEET NO. E102	SHEET TITLE FLOOR PLAN - GROUND LEVEL - ELECTRICAL	CERTIFIED BY 	REVISION DATE 02/14/08	REVISION DESCRIPTION ADDENDUM #3
		DATE 02/14/08	BY 02/14/08	IN CHARGE W.P.
100% Construction Documents January 23, 2008				



FLOOR PLAN - SECOND LEVEL - ELECTRICAL

SCALE: 1/8" = 1'-0"

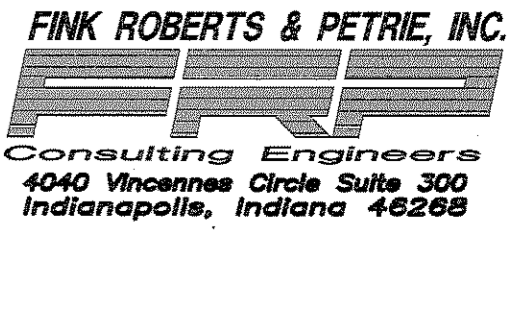


GENERAL NOTES:

1. MOUNT SYMBOLS AT ALL THE "X" COORDINATES FROM WITH BOTTOM OF STRUCTURAL BEAMS.
2. ALL WEATHERPROOF ON RECEPTS TO HAVE LOCATE WEDGE COVERS.
3. ROUTE ALL EXPANDED CONDUITS THROUGH GROUNDS PROVIDED IN STRUCTURE. DO NOT ROUTE ANYTHING BELOW STRUCTURAL BEAMS.
4. ALL LIGHTING FED FROM PANEL "04" VIA INTERIOR LIGHTING CONDUIT. "05" PANELS FEED THROUGH "04". SEE SHEET E101.
5. ALL RECEPTS FED FROM PANEL "04". SEE SHEET E101.
6. ALL NIGHT LIGHTS AND CHTS FED FROM PANEL "04" UNLESS NOTED OTHERWISE. SEE SHEET E101.

PLAN NOTES:

1. LOCATE PIPINGS ON ROOM PANEL TO GROUND LEVEL AND FEED FROM GROUND ON GROUND LEVEL.
2. REFERENCED FOR ONE PRE AIR COMPRESSOR.
3. PRE-ALARM BONES FOR ELEVATOR RESET.
4. (LINE 27) 1/2" SCHEDULE 40S STEEL LIMITED ARCHITECTURAL THRESHOLD AND DISCONNECT SWITCH. SHALL BE TO QUANTITY 1-107/107-5A. FEED FROM PANEL.
5. (LINE 27) 1/2" SCHEDULE 40S STEEL LIMITED ARCHITECTURAL THRESHOLD AND DISCONNECT SWITCH. SHALL BE TO QUANTITY 1-107/107-5A. FEED FROM PANEL.
6. WIRE TRAYS AND CONDUITS THROUGH STRUCTURE. SHALL BE TO QUANTITY 1-107/107-5A. FEED FROM PANEL.
7. WIRE TRAYS AND CONDUITS THROUGH STRUCTURE. SHALL BE TO QUANTITY 1-107/107-5A. FEED FROM PANEL.
8. LIGHTING FED FROM PANEL "04" ON BRISBANE LEVEL. SEE SHEET E101.



**Eddy Street Commons
Phase II
Parking Garage**
Project Number 108-004

City of South Bend, Indiana

Commission Manager
Kirk Reedy Group
1100 Indianapolis, Indiana 46204
317.577.5500

Structural Engineer
Fink, Roberts & Petrie, Inc.
404 Wisconsin Circle, Suite 300
Indianapolis, Indiana 46268
317.577.5400

Inspector
Lawson, Rick's, Kins
1721 Toward Plaza, Suite 600
Merrillville, Tennessee 38110
801.924.1400

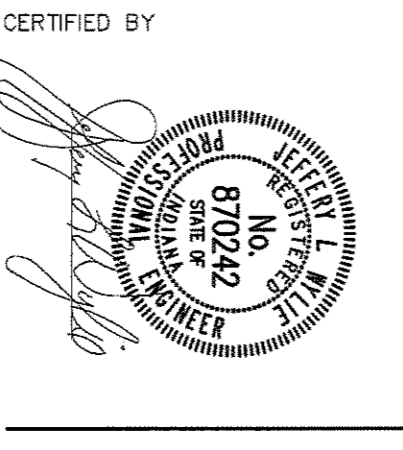
Mechanical, Electrical & Plumbing Engineer
Circle Design Group
5310 South Park Street, Suite F
Indianapolis, Indiana 46252
317.778.6200

Product Consultant
Walker Parking Consultants
4602 East 76th Street, Suite 310
Indianapolis, Indiana 46250
317.949.0800

Civil Engineer/Inspector/Architect
The Toyer Group
500 Lakeshore Drive, Suite 405
Indianapolis, Indiana 46254
317.429.9970

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January 23, 2008

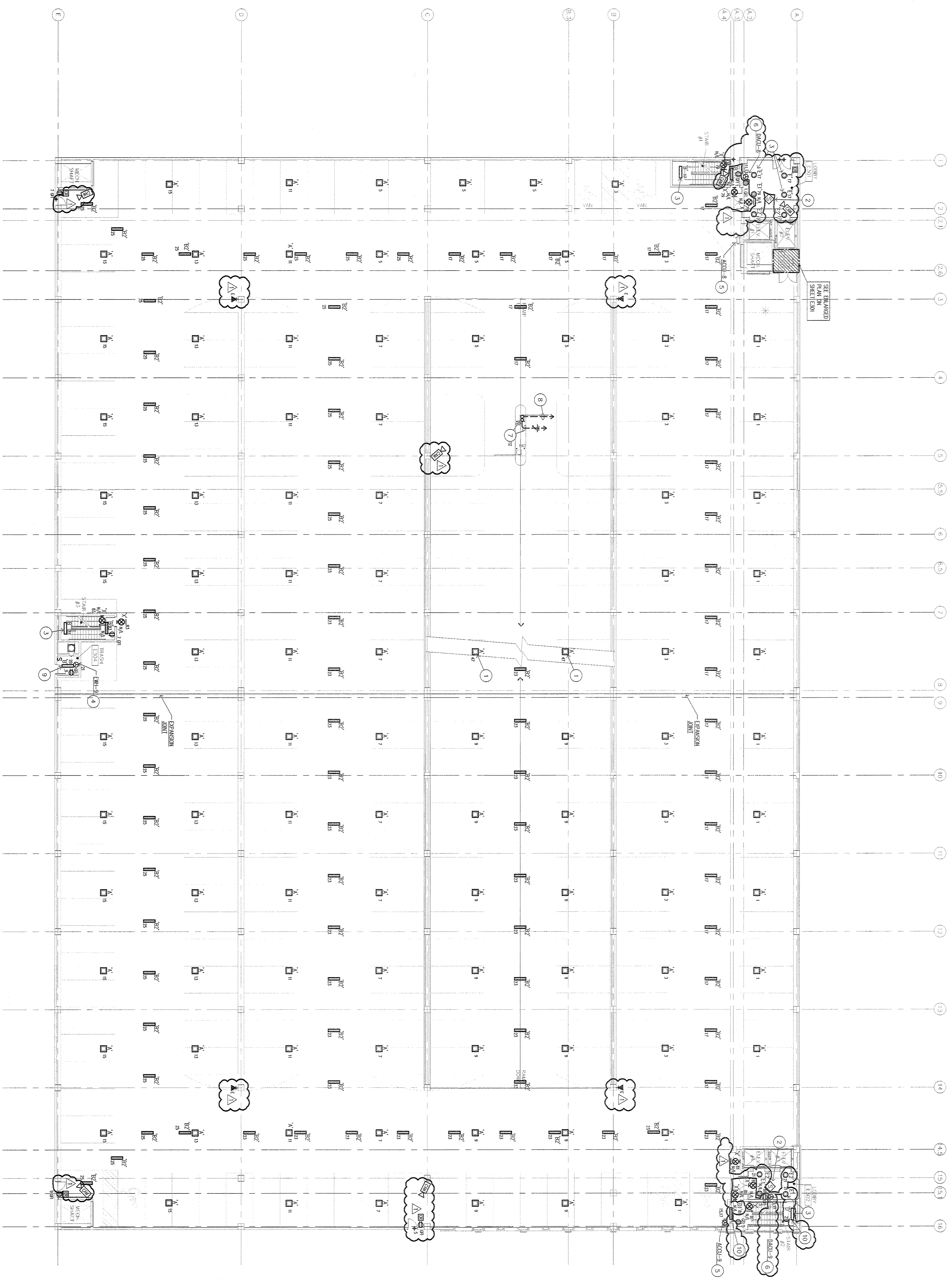
REVISION DATE	REVISION DESCRIPTION	APPENDIX #1
02/14/08	ADD	



DESIGN DATE	DESIGN PROJECT NO.	DESIGN DRAWN BY	CHECKED BY
	07098	APO	W

FLOOR PLAN - SECOND LEVEL - ELECTRICAL

SHEET NO. **E103**



FLOOR PLAN - THIRD LEVEL - ELECTRICAL
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
1. MOUNT BOTTOM OF ALL TYPE "X" LIGHT FIXTURES EVEN WITH BOTTOM OF STRUCTURAL BEAMS.
 2. ALL WEATHERPROOF ON RECEIPTS TO HAVE LOCKED UNISE COVERS.
 3. ROUTE ALL SPEED COUNTS THROUGH GREENS PROVIDED IN STRUCTURE. DO NOT ROUTE ANYTHING BELOW STRUCTURAL.
 4. ALL LIGHTING FED FROM PANEL "02" VIA AIRBORN LIGHTING CONDUITORS "102" UNLESS NOTED OTHERWISE.
 5. ALL RECEIPTS FED FROM PANEL "02".
 6. ALL NEUT BARS AND DIS FED FROM PANEL "02" UNLESS NOTED OTHERWISE.

- PLAN NOTES:**
1. LOCATE FIXTURES ON DOWN BUMP TO SECOND LEVEL.
 2. SEE ALARM RINGS FOR ALARM RECALL.
 3. DOWNWARD FEED FROM PANEL "02" VIA AIRBORN LIGHTING CONDUITORS "102".
 4. (1) NEW 200% 40' OVERHEAD AIRBORN LIGHTING CONDUITORS "102" WITH HEAVY-DUTY WALL MOUNTED WITH CONDUIT HORIZONTAL AND DISCONNECT SWITCH. SIMILAR TO "02" WITH 1/2" MIN. 1/2" FEED FROM PANEL "02".
 5. CONNECT UNIT AND FEEDS FROM PANEL "02" VIA DISCONNECT SWITCH. UNIT FEED FROM OUTDOOR UNIT VIA DISCONNECT SWITCH.
 6. CONNECT AUTO-CUTS. 1/2" CONDUIT 2 IN. 1/2" AIRBORN LIGHTING CONDUITORS "102" FEEDS TO PROVIDE HEADROOMS FOR ADDITIONAL WORK. ALSO REFER TO ALTERNATE SECTION IN "I" FOR ADDITIONAL NOTES TO AIRBORN LIGHTING CONDUITORS. ALSO REFER TO ALTERNATE SECTION IN SPECIFICATIONS WORK. ALSO REFER TO ALTERNATE SECTION IN SPECIFICATIONS WORK. ALSO REFER TO ALTERNATE SECTION IN SPECIFICATIONS WORK. ALSO REFER TO ALTERNATE SECTION IN SPECIFICATIONS WORK.
 7. (1) NEW 200% 40' OVERHEAD AIRBORN LIGHTING CONDUITORS "102" WITH HEAVY-DUTY WALL MOUNTED WITH CONDUIT HORIZONTAL AND DISCONNECT SWITCH. SIMILAR TO "02" WITH 1/2" MIN. 1/2" FEED FROM PANEL "02".
 8. CONNECT UNIT AND FEEDS FROM PANEL "02" VIA DISCONNECT SWITCH. UNIT FEED FROM OUTDOOR UNIT VIA DISCONNECT SWITCH.
 9. (1) NEW 200% 40' OVERHEAD AIRBORN LIGHTING CONDUITORS "102" WITH HEAVY-DUTY WALL MOUNTED WITH CONDUIT HORIZONTAL AND DISCONNECT SWITCH. SIMILAR TO "02" WITH 1/2" MIN. 1/2" FEED FROM PANEL "02".

FINK ROBERTS & PETRIE, INC.
Consulting Engineers
338 E. Washington Street, Suite 1100
Indianapolis, Indiana 46204
Phone: 317.572.5400
Fax: 317.572.5400

**Eddy Street Commons
Phase II
Parking Garage**
Project Number: 108-004

City of South Bend, Indiana

Contractor/Manufacturer:
Kier Realty Group
89 South Madison Street, Suite 1100
Indianapolis, Indiana 46204
317.572.5900

Structural Engineer:
Fink, Roberts & Petrie, Inc.
338 E. Washington Street, Suite 1100
Indianapolis, Indiana 46204
317.572.5400

Architect:
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172 Tipton Place, Suite 600
Indianapolis, Indiana 46203
317.572.5400

Mechanical/Electrical/Plumbing Engineer:
Circle Design Group
10000 E. 10th Avenue, Suite 200
Indianapolis, Indiana 46227
317.778.1420

Building Consultant:
Walker Parking Consultants
6629 East 72nd Street, Suite 210
Indianapolis, Indiana 46220
317.848.6800

City Engineer:
The Troyer Group
10000 E. 10th Avenue, Suite 200
Indianapolis, Indiana 46227
317.848.6800

100% Construction Documents
January 24, 2008

REVISION DATE	REVISION DESCRIPTION	ADDDUM #3
02/14/08		

CERTIFIED BY: [Signature]

DESIGN DATE: 07/08
DESIGN DRAWN BY: ADQ
CHECKED BY: [Signature]

SHEET NO. **E104**

SHEET TITLE: FLOOR PLAN - THIRD LEVEL - ELECTRICAL

DATE: 07/08

DESIGNER: ADQ

CHECKER: [Signature]

Eddy Street Common
 Phase II
 Parking Garage
 Project Number 108-0C
 Owner:
 City of South Bend, Indiana

Construction Manager
 Kite Realty Group
 Indianapolis, Indiana 46204
 317-571-5600

Structural Engineer
 Fink, Roberts & Petrie, Inc
 4040 Vincennes Circle, Suite 300
 Memphis, Tennessee 38103
 317-872-8400

Architect
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 175 Tonyo Plaza, Suite 600
 Memphis, Tennessee 38103
 901-521-1440

Mechanical, Electrical & Plumbing Engineer
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 5510 South East Street, Suite F
 317-726-8200

Project Consultant
 Wildlife Parking Consultants
 6602 East 79th Street, Suite 210
 Indianapolis, Indiana 46220
 317-844-0880

Civil Engineer/Landscape Architect
 The Troyer Group
 500 Union Street
 Memphis, Tennessee 38103
 901-521-1440

100% Construction Documents
 January 23, 2008

REVISION NO. 3	REVISION DESCRIPTION	REVISION DATE
02-02-08		

DESIGN DATE: 01/09/08
 CERTIFIED BY: [Signature]
 PROJECT NO: 108-0C
 DESIGN DRAWN BY: KMM
 CHECKED BY: SMP

PARKING ACCESS AND REVENUE CONTROL
 DETAILS AND SCHEDULES

SHEET NO.

Q2

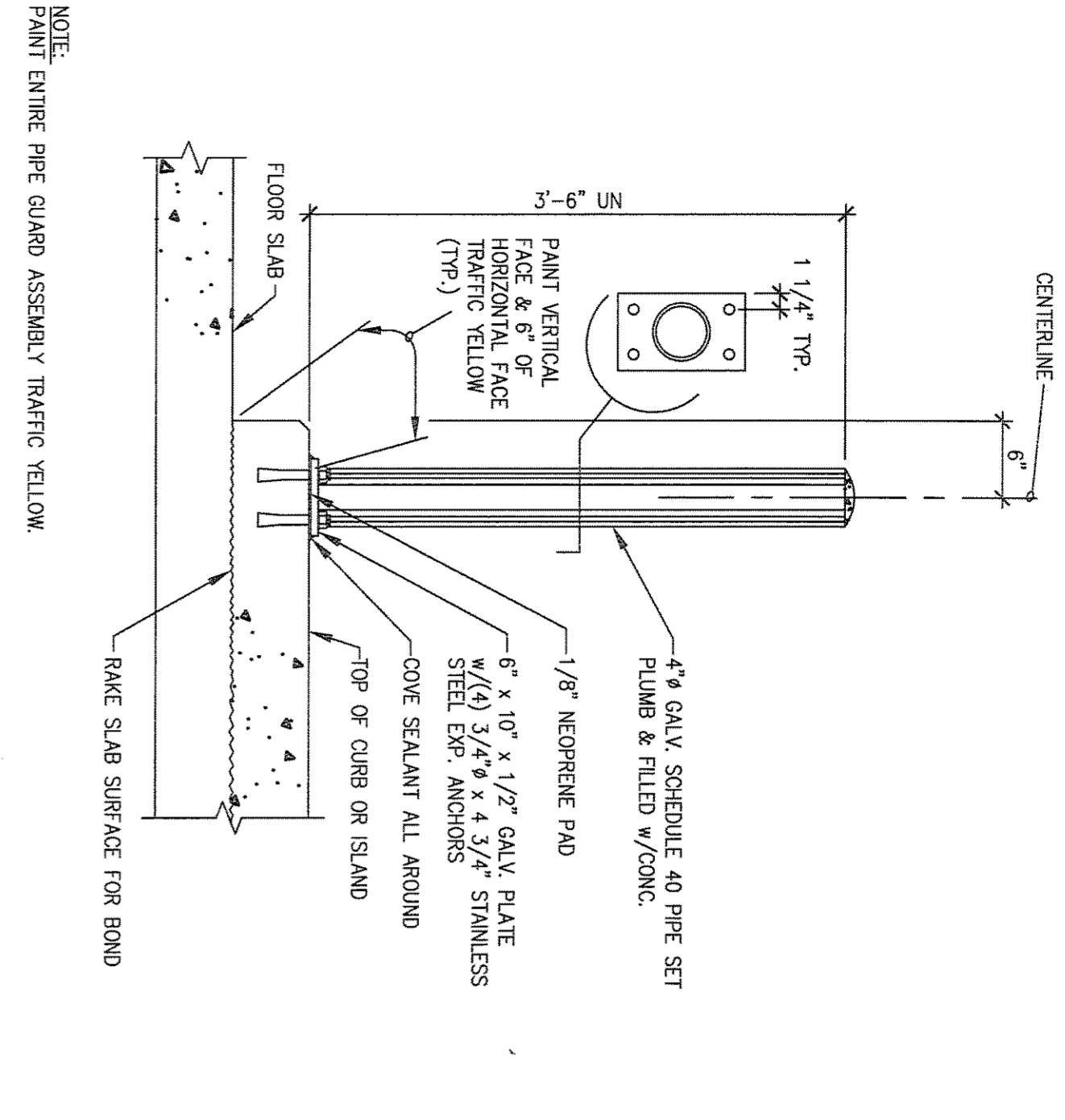
LANE EQUIPMENT INDEX

LANE NO.	DESCRIPTION	DETAIL NO.	PARKING EQUIPMENT																
			CR	AG	ENC	M	BB	VO/L	NT	PMS	WS	LFS	EXC	VE	NET	IS	APM	TC	
1	EDDY STREET PARKING STRUCTURE PARCS	5/01	(1)	(1)	(1)		(1)	(3)	(1)										
2	EDDY STREET PARKING STRUCTURE PARCS	5/01	(1)	(1)	(1)		(1)	(3)	(1)										
3	EAST (HOTEL) ENTRANCE	4/01	(1)	(1)	(1)		(1)	(3)	(1)										
4 & 5	ENTRANCE/EXIT LANE (REVERSIBLE LANE)	4/01	(2)	(2)	(1)		(2)	(9)	(2)										(2)
6	EXIT LANE	4/01	(1)	(1)	(1)		(1)	(2)	(1)										(1)
7	EDDY STREET ENTRANCE	3/01	(1)	(1)	(1)		(1)	(3)	(1)										(1)
8	EXIT LANE	3/01	(1)	(1)	(1)		(1)	(2)	(1)										(1)
9	HOTEL NESTED ENTRANCE	6/01	(1)	(1)	(1)		(1)	(3)	(1)										(1)
10	EXIT LANE	6/01	(1)	(1)	(1)		(1)	(2)	(1)										(1)
11	RESIDENT NESTED ENTRANCE	7/01	(1)	(1)	(1)		(1)	(2)	(1)										(1)
12	EXIT LANE	7/01	(1)	(1)	(1)		(1)	(2)	(1)										(1)
	PAYSTATION LOCATIONS	EDDY STREET	3/02																(2)
		EAST ENTRY/EXIT	4/02																(1)
		PARCS	5/02																(1)
	PARKING MANAGEMENT OFFICE																		(1)
	ELECTRICAL/COMMUNICATIONS ROOM																		(1)
	HOTEL FRONT DESK																		(1)

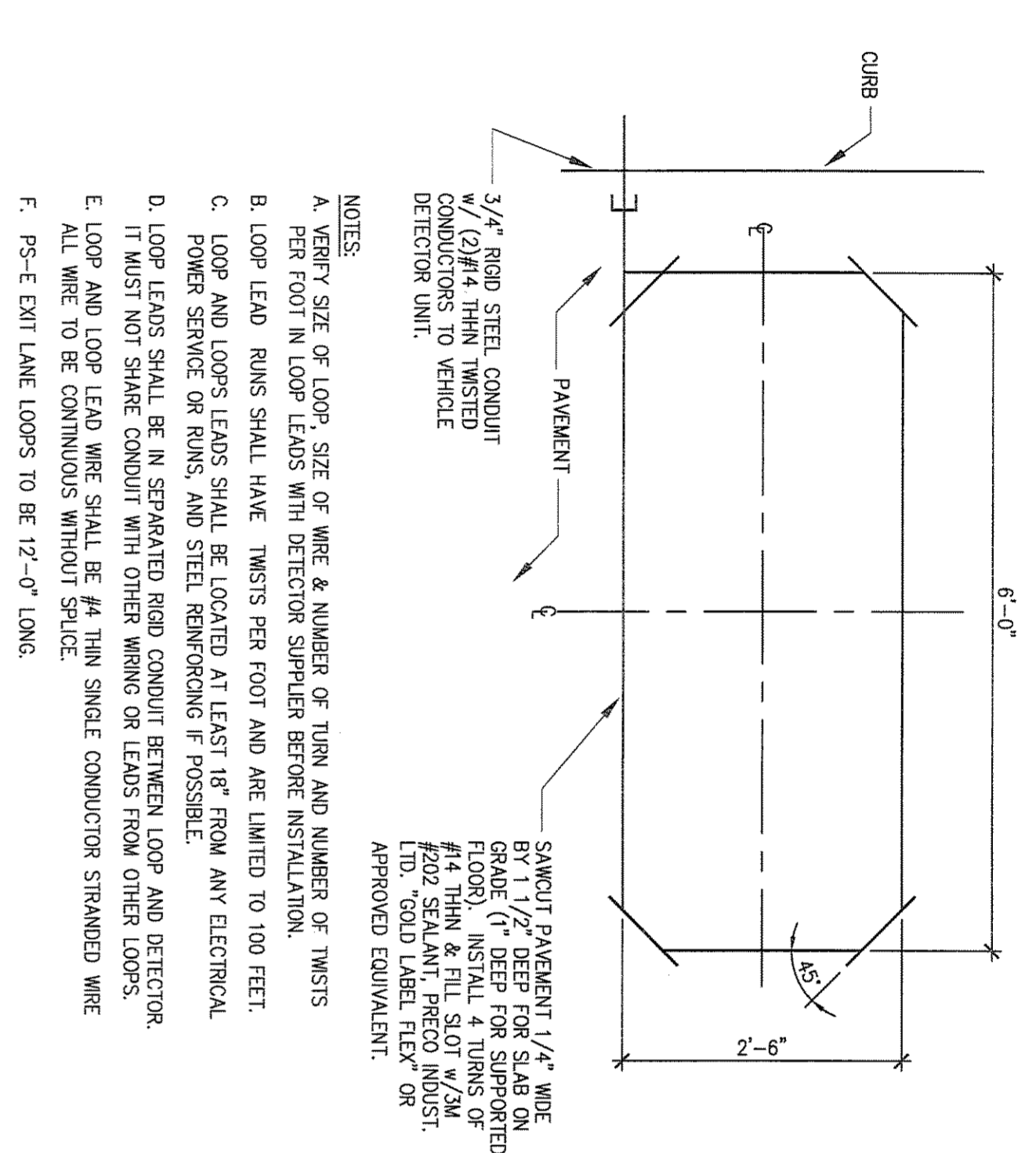
NOTE: HOTEL FRONT DESK WORKSTATION TO INCLUDE A TICKET READER/ENCODER, SOFTWARE AND ALL AUXILIARY EQUIPMENT.

LEGEND

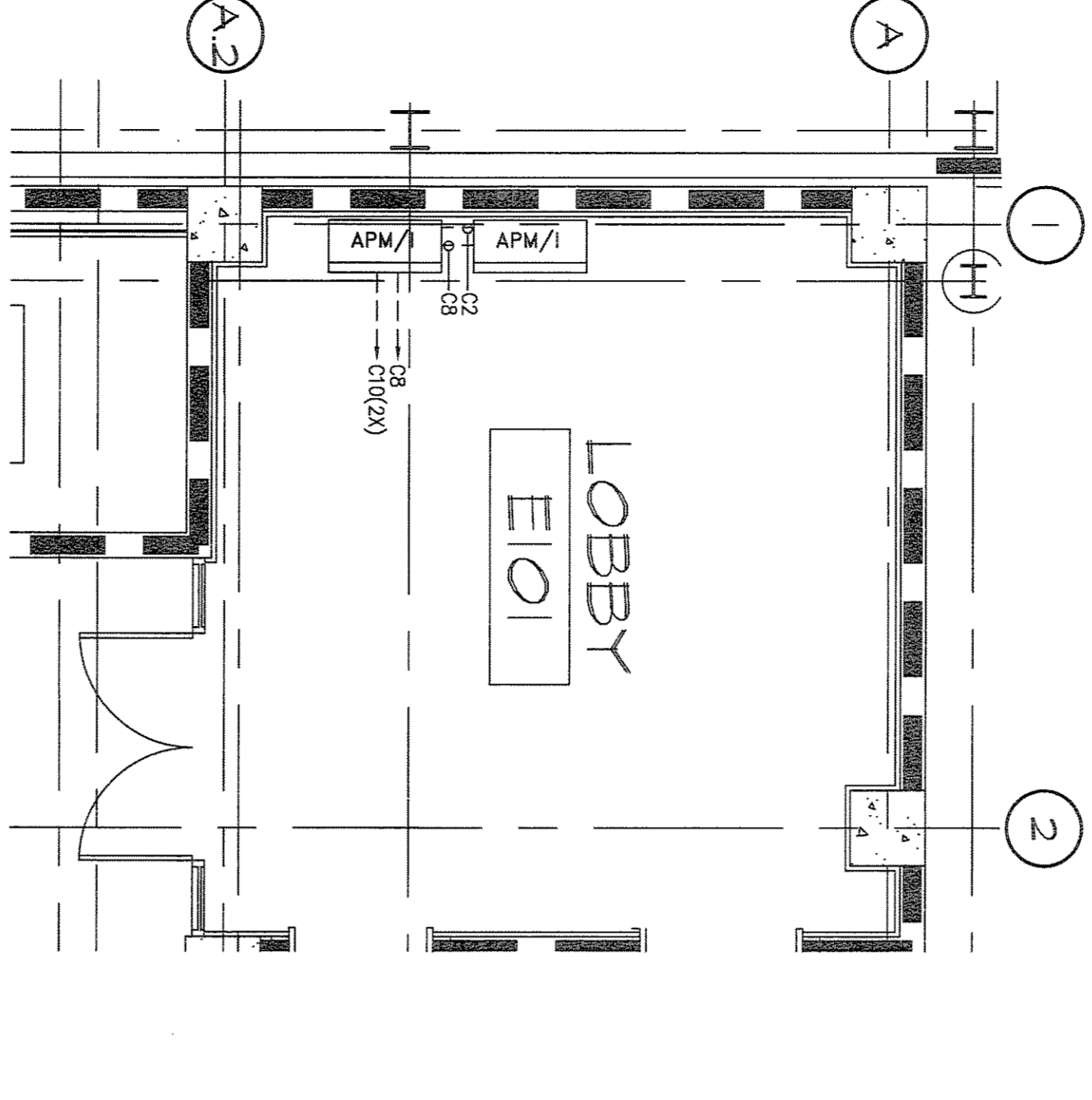
CR - CARD READER	VO/L - VEHICLE DETECTOR WITH DETECTOR LOOPS	VE - VALIDATION ENCODER	TC - TRAFFIC CONTROL LIGHT
AG - AUTO GATE <th>NT - RETRIEVE INTERCOM UNIT</th> <th>LFS - LOT FULL SIGN</th> <td></td>	NT - RETRIEVE INTERCOM UNIT	LFS - LOT FULL SIGN	
ENC - ENTRANCE CONTROLLER <th>PMS - FACILITY MANAGEMENT SYSTEM</th> <th>EXC - EXIT CONTROLLER</th> <td></td>	PMS - FACILITY MANAGEMENT SYSTEM	EXC - EXIT CONTROLLER	
NET - NETWORK EQUIPMENT/AUXILIARY DEVICES <th>WS - WORKSTATION</th> <th>IS - INTERCOM SUBSTATION</th> <td></td>	WS - WORKSTATION	IS - INTERCOM SUBSTATION	
M - INTERCOM MASTER PANEL <th>BB - LANE BATTERY BACKUP</th> <th>APM - AUTOMATED PAYMENT MACHINE</th> <td></td>	BB - LANE BATTERY BACKUP	APM - AUTOMATED PAYMENT MACHINE	



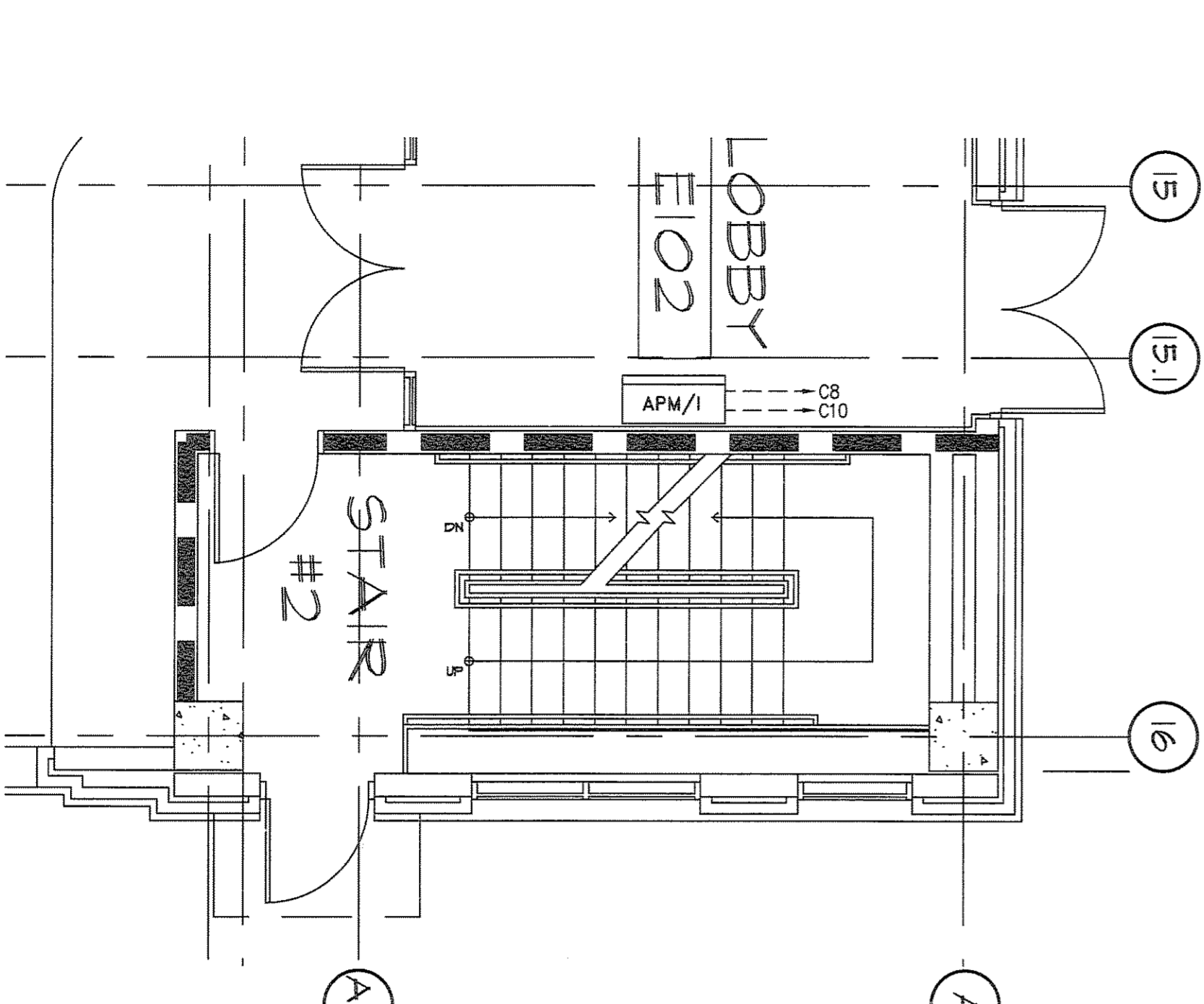
PARCS - PIPE GUARD



VEHICLE DETECTOR/LOOPS



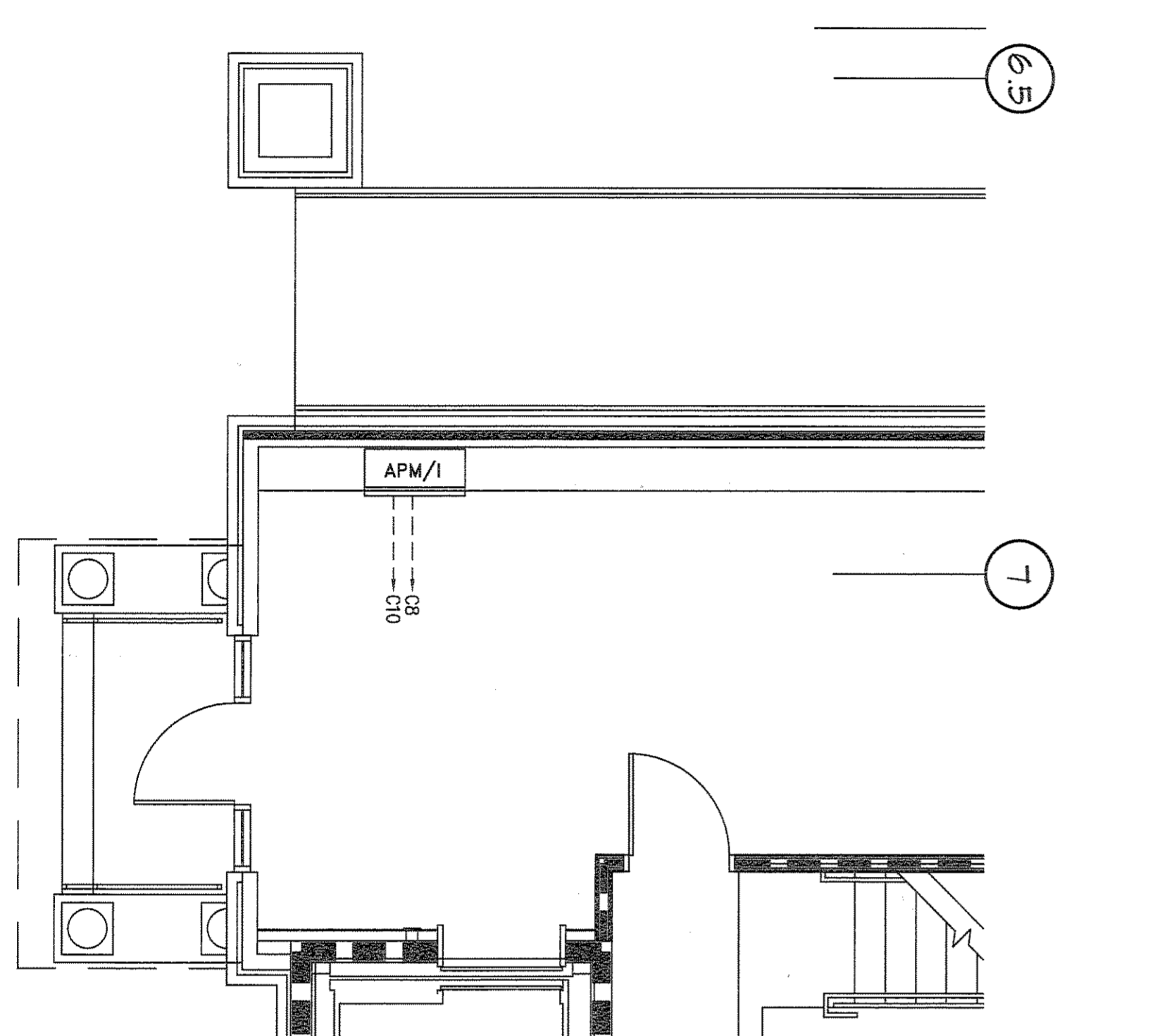
EDDY ST.



EAST ENTRY/EXIT



EDDY ST.



NAPOLEON ST.

CONDUIT LEGEND

DESIGNATION	SIZE	DEFINITION
C1	3/4"	30 AMP, 120 VOLT CIRCUIT, ACTUAL LOAD IS ~ 2400 WATTS.
C2	1"	POWER CONDUIT FROM EQUIPMENT TO GATE.
C3		NOT USED.
C4	3/4"	RIGID STEEL (UNDERGROUND CAN BE PVC).
C5	3/4"	RIGID STEEL LOOP LEAD.
C6	1"	TO INTERCOM MASTER PANEL, OR EQUIPMENT TO EQUIPMENT.
C7		NOT USED.
C8	1"	DATA TO GATE OR FROM TO MTS.
C9	1"	FROM PMS TO GATE.
C10	3/4"	20 AMP, 120 VOLT CIRCUIT.

GENERAL NOTES:

- BRACKETS ARE SPECIFIC DIAGRAMS, PARCS SLAB CONTRACTOR TO COORDINATE FINAL LOCATION OF MONITORING LOCATIONS.
- PARCS SUB CONTRACTOR TO INSTALL ALL COMMUNICATIONS WIRING.
- ALL EXPOSED AND UNDERGROUND CONDUIT SHALL BE PVC.
- 100 AMP CONTROL PANEL TO PROVIDE POWER TO ENTRY/EXIT EQUIPMENT, ANTICIPATED ELECTRICAL LOAD IS 54.5 KW.
- COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER SUPPLY AND DATA LINE CONNECTIONS.
- ONLY WIRING OF SAME RESISTANCE CAN BE COMBINED IN A SINGLE CONDUIT, INCREASE CONDUIT CAPACITY AS REQUIRED BASED UPON QUANTITY OF CONDUCTORS.
- ALL CONDUIT AND WIRING THAT EXTENDS ACROSS THE EXPANSION JOINT SHALL INCLUDE APPROXIMATE 1/2" OF CONDUIT AND WIRING ON EACH SIDE OF JOINT TO ALLOW FREE MOVEMENT. ALLOW FOR ONE (1) INCH OF HORIZONTAL MOVEMENT.

EQUIPMENT LEGEND

