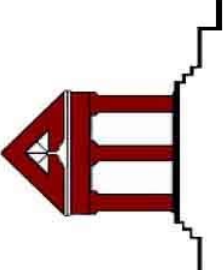
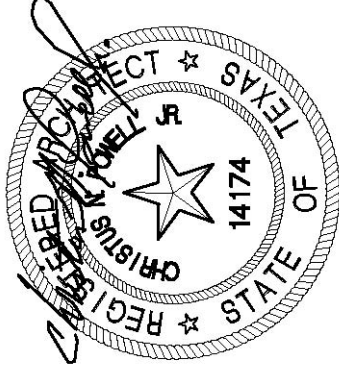


ARCHI*TECHNICS/3, INC.



5555 West Loop South, Ste. 400* Bellaire, Texas 77401 *Phone 713-868-0088 * Fax 713-468-2613
Architecture * Urban Design * Interiors * Construction Management * Program Management



Date: 05/28/2013

ADDENDUM No. 3

For

HCC Southwest Campus Recreational Complex HOUSTON COMMUNITY COLLEGE

May 28, 2013

The following items modify the plans and specifications and shall become a part of the contract documents.

ITEM NO.1

A. Add the following Revised Drawings to Contract Documents:

- a. Architecture: A-1.0 – Overall Floor Plan
 - A-1.1 - Overall Clerestory Floor Plan
 - A-1.2 - Overall Detail Map Floor Plan
 - A-3.0 – Roof Plan
 - A-3.1 – Roof Details
 - A-4.0 – Exterior Elevations
 - A-4.1 – Exterior Elevations
 - A-5.0 – Building Sections
 - A-5.1 - Building Sections
 - A-6.0 - Wall Sections
 - A-6.2 – Wall Sections
 - A-8.0 - Interior Elevations
- b. Civil:
 - C4.00 – Civil Site Plan
 - C6.00 - Grading Plan
 - C6.01 - Grading Plan
 - C9.00 – Storm Sewer Layout Plan

c. Landscape:

- L1.01- Site Plan
- L2.01- Enlarged Site Plan
- L3.03- Backstop & Dugout Details I
- L3.06- Backstop & Dugout Details II
- L5.02- Protective Netting Details
- L6.01- Irrigation Plan 1 of 2
- L6.02- Irrigation Plan 2 of 2
- L8.01- Planting Plan
- L8.02- Enlarged Planting Plan

- ESP1.0- Electrical Site Plan
- E2.0 - One Line Diagram
- E3.0 - Electrical Details
- E4.0 - Electrical Details
- E5.0 - Electrical Specifications

d. Structural: S1.10- Foundation Plan

ITEM NO.2

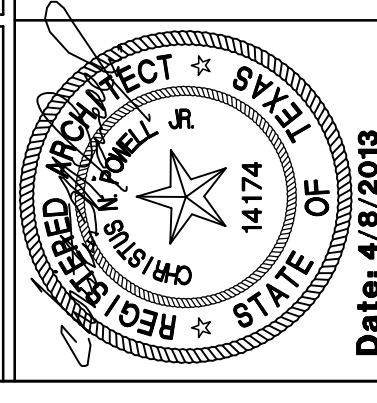
- A. Add the following Specification Section to Contract Documents:
 - a. Landscape: Specification Section – 32 31 00- Athletic Field Fencing

- 1 TRUNCATED DOMES PAVERS, SEE LANDSCAPE
- 2 HOSE BIBS, SEE MEP

ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

HCC SOUTHWEST CAMPUS
 RECREATIONAL COMPLEX
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



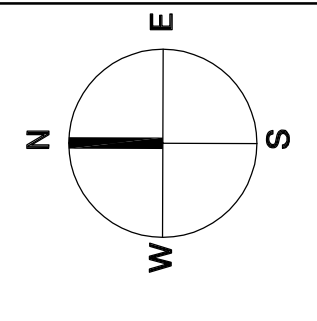
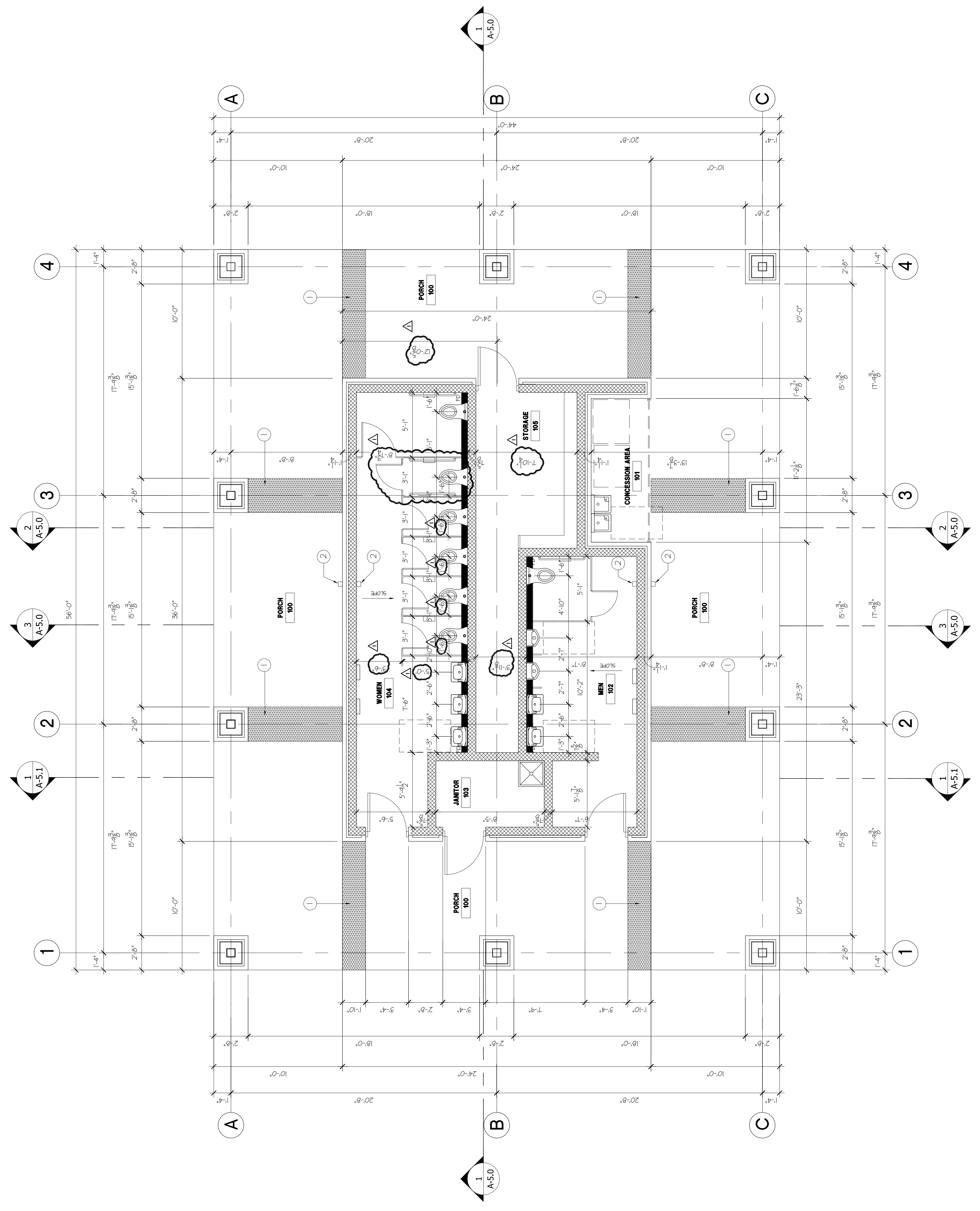
Date: 4/9/2013
 ISSUED FOR PERMIT AND BID 4/9/2013
 ADDENDUM #3 5 / 28 / 2013

OVERALL FLOOR PLAN
 DATE: 4/9/2013
 DRAWN BY:
 CHECKED BY:
 FILE NO. 10500

NOTES TO DRAWING

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-120 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-90 FOR PARTITION TYPES
12. REFER TO SHEET A-10.0 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO 6-0.3 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

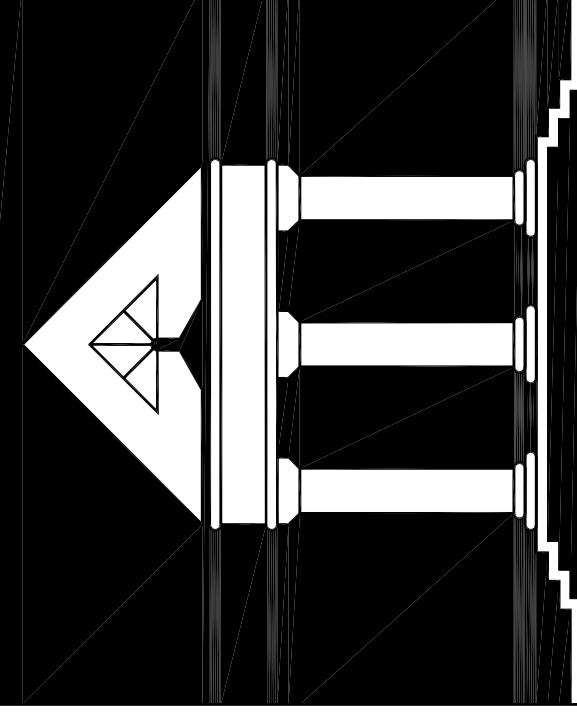
GENERAL NOTES



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

FLOOR PLAN

- ① TRUNCATED DOMES PAVERS, SEE LANDSCAPE
- ② HOSE BIBB, SEE MEP.



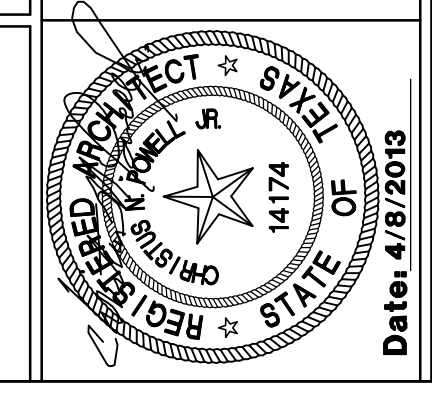
ARCHITECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

MISSOURI CITY, TEXAS 77459

5855 SIENNA SPRINGS WAY

**HCC SOUTHWEST CAMPUS
 RECREATIONAL COMPLEX**



Date: 4/9/2013
 ISSUED FOR PERMIT AND BID 4/9/2013
 ADDENDUM #3 5 / 26 / 2013

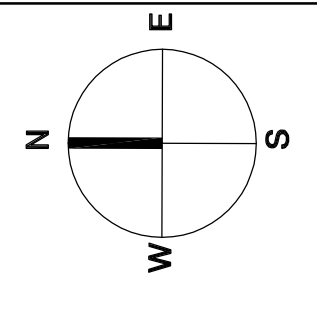
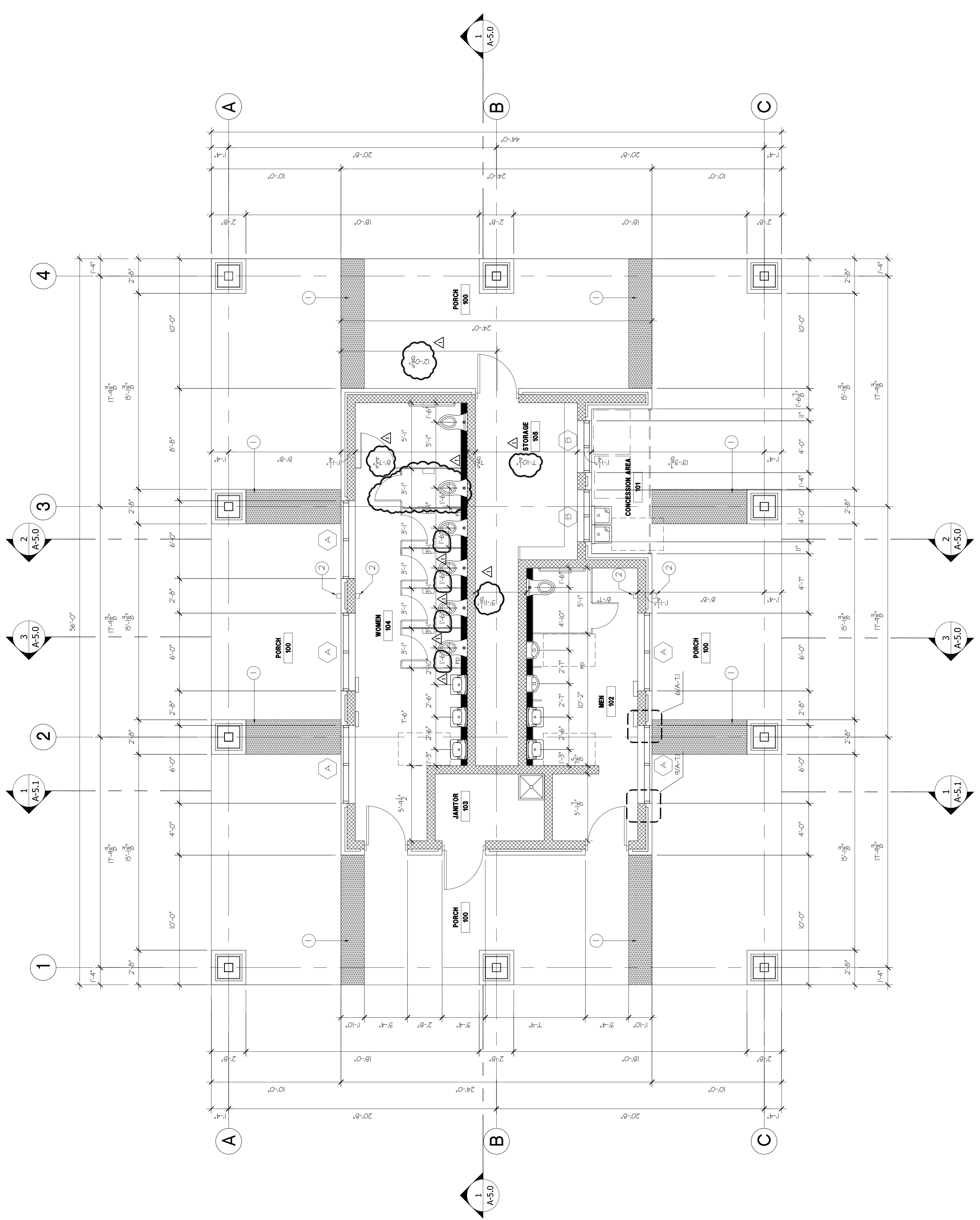
OVERALL CLERESTORY FLOOR PLAN

A-1.1
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 FILE NO. 10500

NOTES TO DRAWING

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-120 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-90 FOR PARTITION TYPES
12. REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

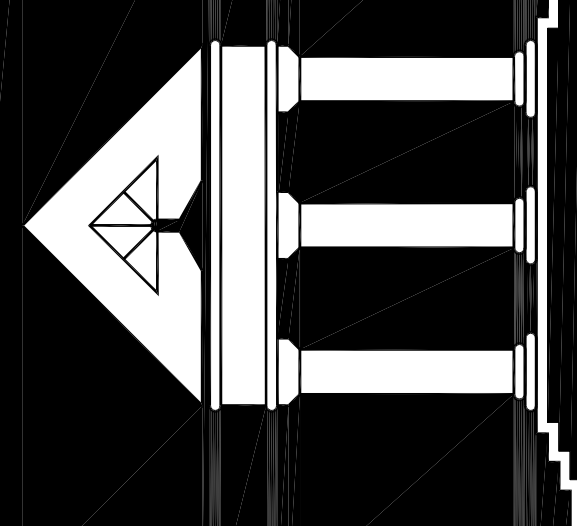
GENERAL NOTES



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

CLERESTORY PLAN

- ① TRUNCATED DORIES PAVERS, SEE LANDSCAPE
- ② HOSE RIBB, SEE MEP.



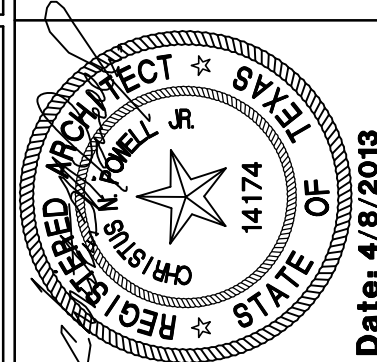
ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

HCC SOUTHWEST CAMPUS
 RECREATIONAL COMPLEX
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MFR./MODEL#	REMARKS
(A)	SURFACE MOUNTED AUTOMATIC HAND DRYER 48" A.F.F.	BOBRICK B-7128 115v	SURFACE-MOUNTED
(B)	TOILET PAPER DISPENSER	KIMBERLY-CLARK-D9601	SURFACE-MOUNTED
(C)	HORIZONTAL BABY CHANGING STATION	KOALA CARE-KB200-00	SURFACE-MOUNTED
(D)	WALL-MOUNTED SOAP DISPENSER	BOBRICK B-2111	SURFACE-MOUNTED
(E)	42" GRAB BAR W/ SATIN FINISH	BOBRICK B-6606	INSTALL TO SUPPORT CONCEALED MOUNTING
(F)	36" GRAB BAR W/ SATIN FINISH	BOBRICK B-6606	INSTALL TO SUPPORT CONCEALED MOUNTING
(G)	MOP/BROOM HOLDER	BOBRICK B-223 X 36	INSTALL 2 IN. JAN. RM
(H)	COAT HOOK	BOBRICK B-2333	
(I)	FRAMED MIRROR 24"W X 36"H	BOBRICK B-290 2436	SURFACE-MOUNTED
(J)	SURFACE-MOUNTED SANITARY MARKIN DISPOSAL	BOBRICK B-270	INSTALL AT EACH WOMEN'S TOILET
(K)	HOSPICO NAPKIN/TAMPON DISPENSER	HOS 1-25	WOMEN'S ONLY
(L)	FRAMED MIRROR 18"W X 30"H	BOBRICK B-290 1830	SURFACE-MOUNTED



Date: 4/9/2013

ISSUED FOR PERMIT AND BID 4/9/2013
 ADDENDUM #3 5 / 28 / 2013

OVERALL DETAIL MAP
 FLOOR PLAN

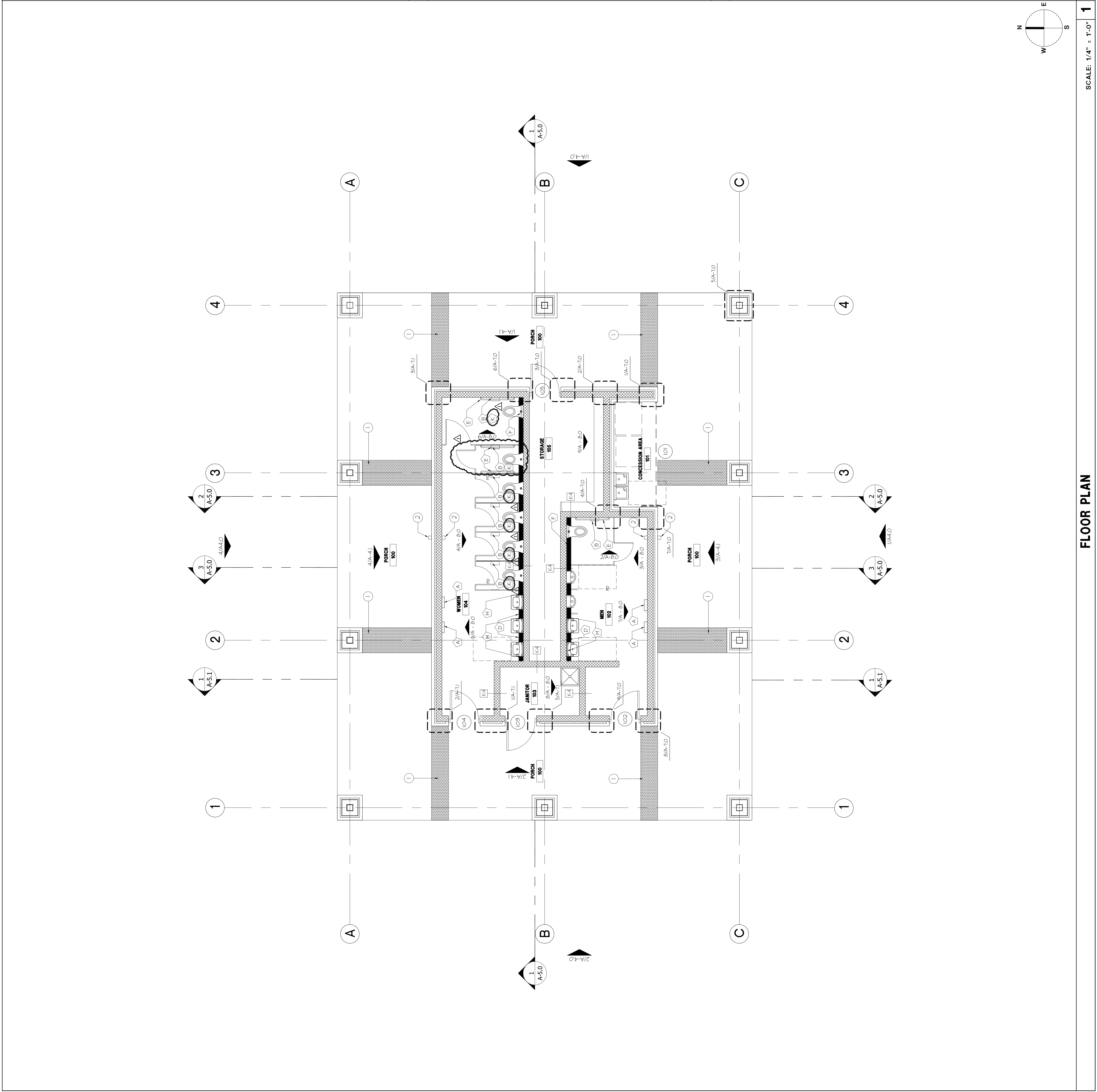
A-1.2 OF 10500
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

NOTES TO DRAWING

TOILET ACCESSORY SCHEDULE

- DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
- GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
- ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
- ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
- DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
- CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
- ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
- REFER TO SHEET A-12.0 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
- REFER TO SHEET A-9.0 FOR PARTITION TYPES
- REFER TO SHEET A-10.0 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
- REFER TO G-0.3 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
- CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

GENERAL NOTES



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

FLOOR PLAN

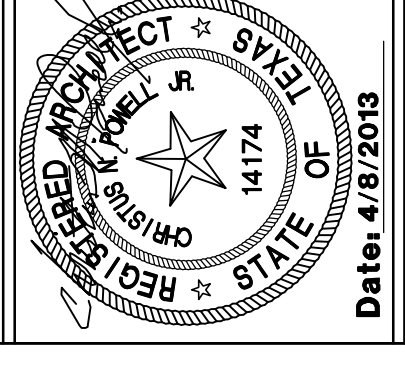
1

- ① STANDING SEAM METAL ROOF
MECI ULTRA-DEK OR EQUAL
- ② 5" X 5" BOX ROOF GUTTER
WITH DOWNSPOUT KYNAR 500 FINISH

ARCHI•TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

HCC SOUTHWEST CAMPUS
 RECREATIONAL COMPLEX
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



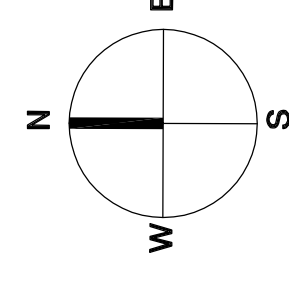
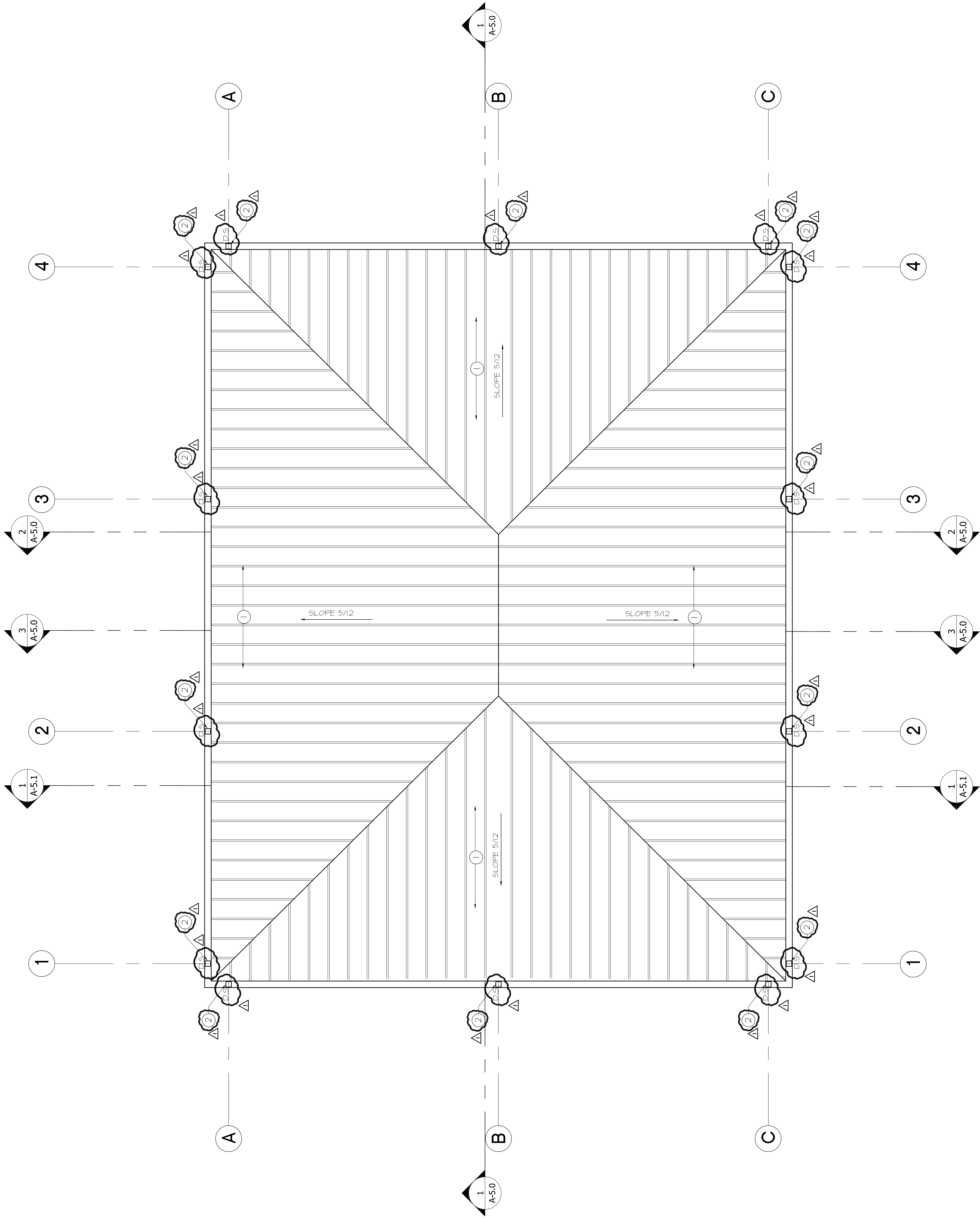
Date: 4/9/2013
 ISSUED FOR PERMIT AND BID 4/9/2013
 ADDENDUM #3 5 / 28 / 2013

ROOF PLAN
 A-3.0
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 FILE No. 10500

NOTES TO DRAWINGS

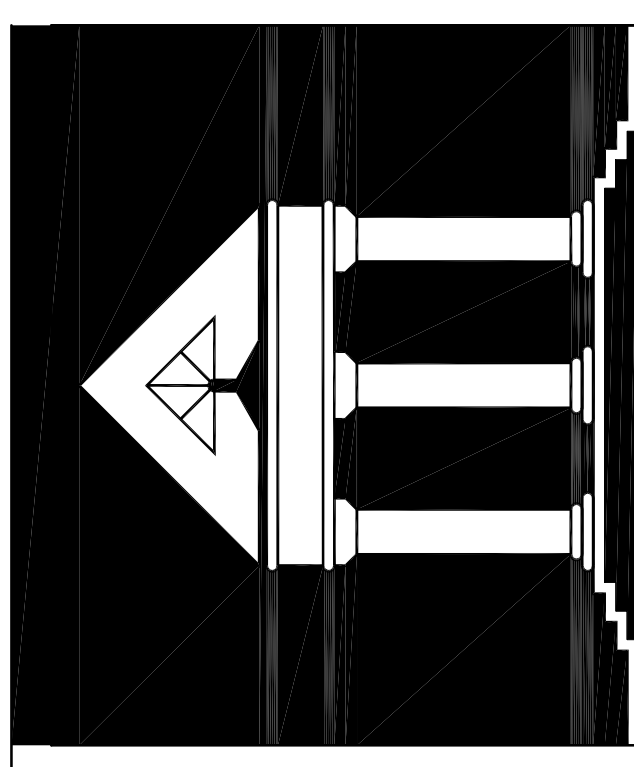
1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-120 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-80 FOR PARTITION TYPES
12. REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

GENERAL NOTES



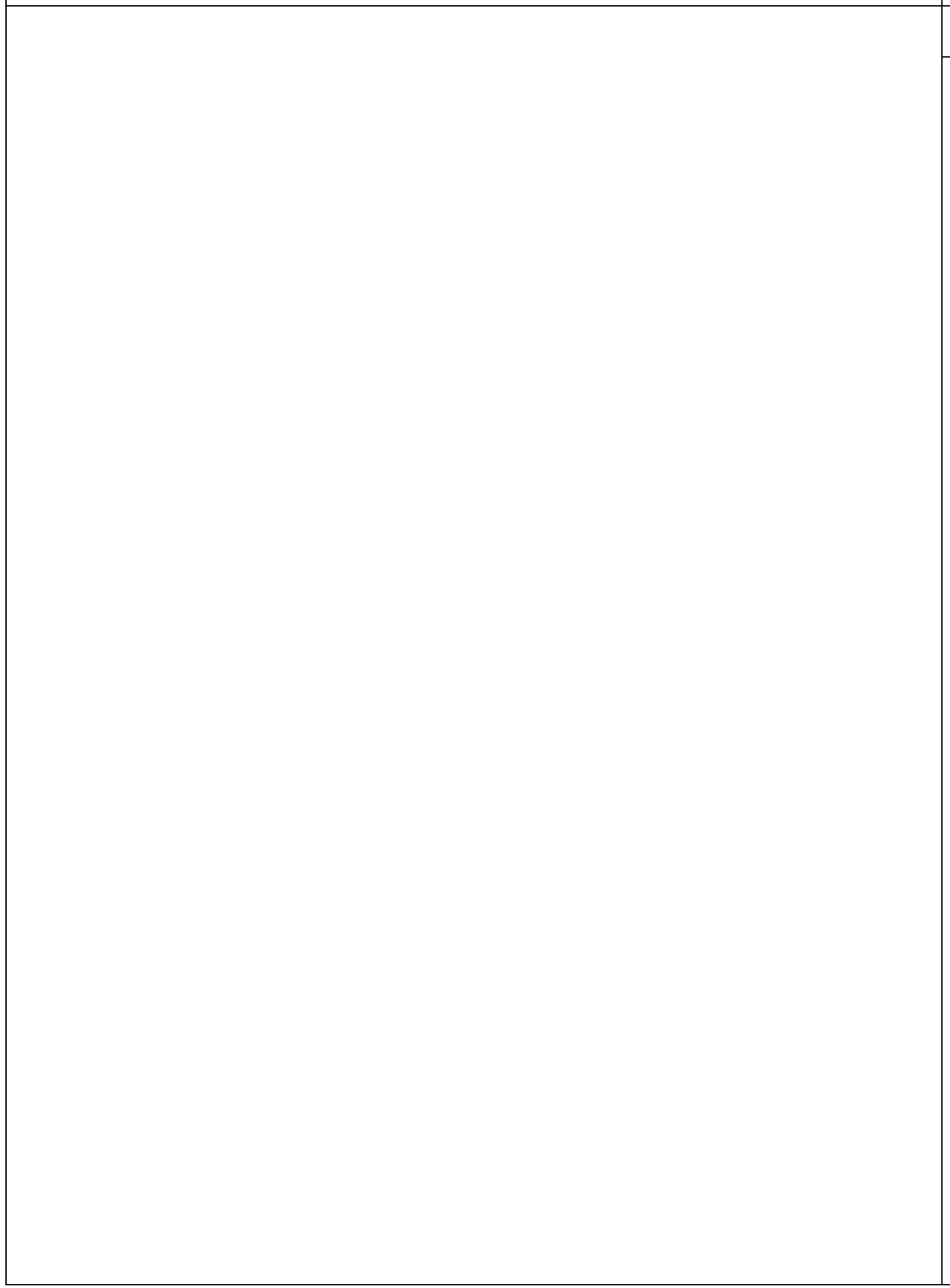
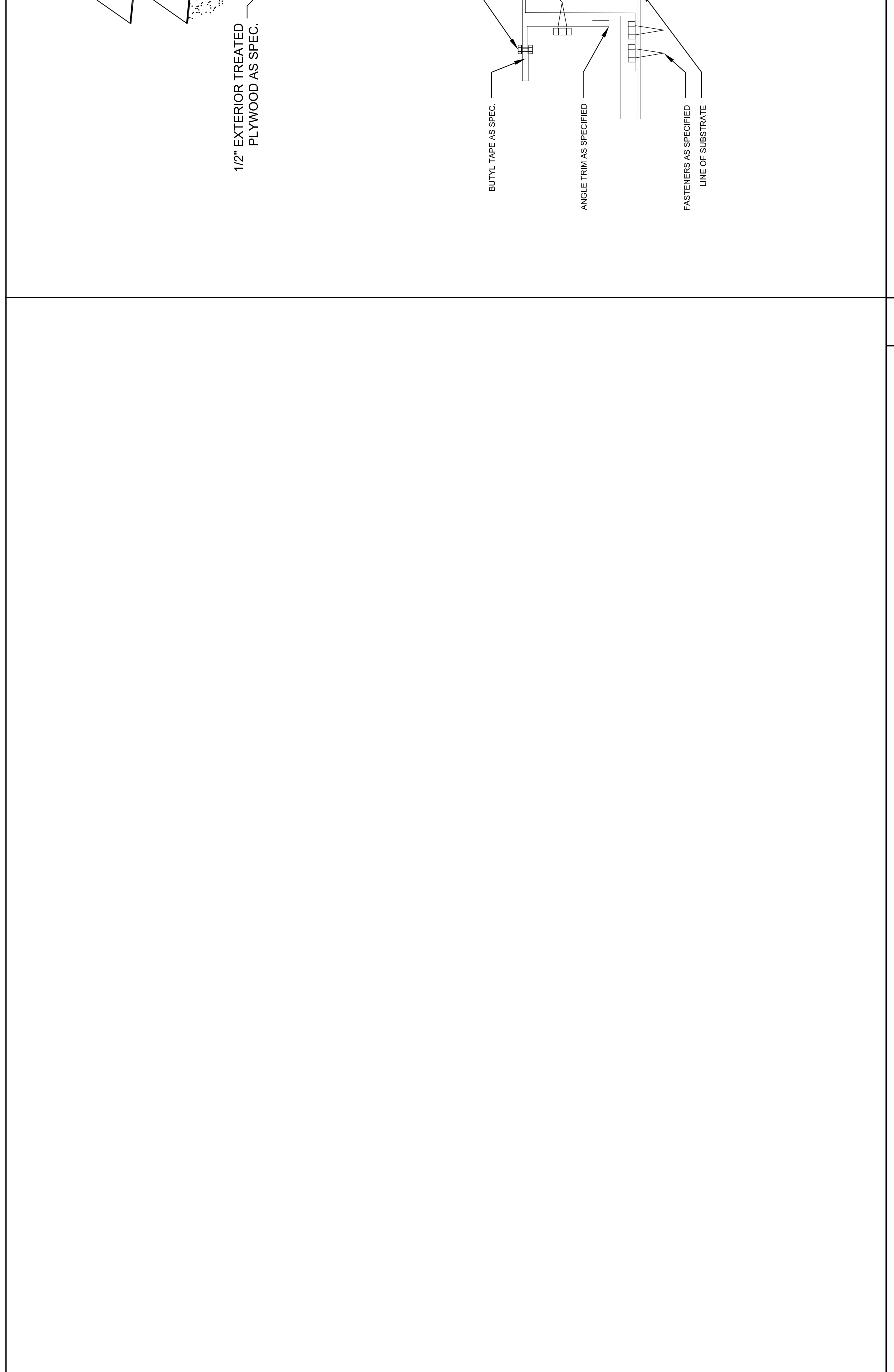
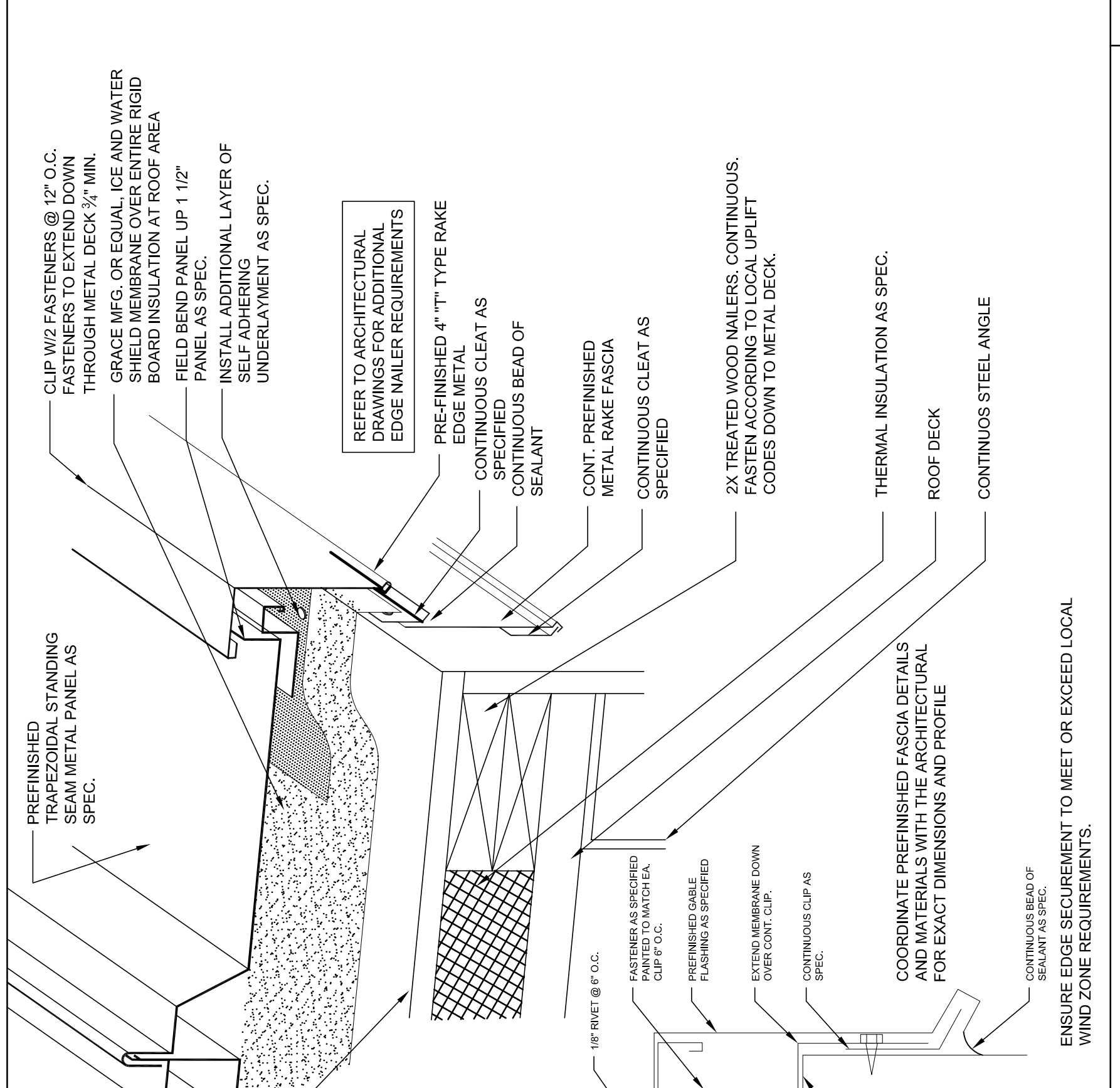
SCALE: 1/4" = 1'-0" 1

ROOF PLAN

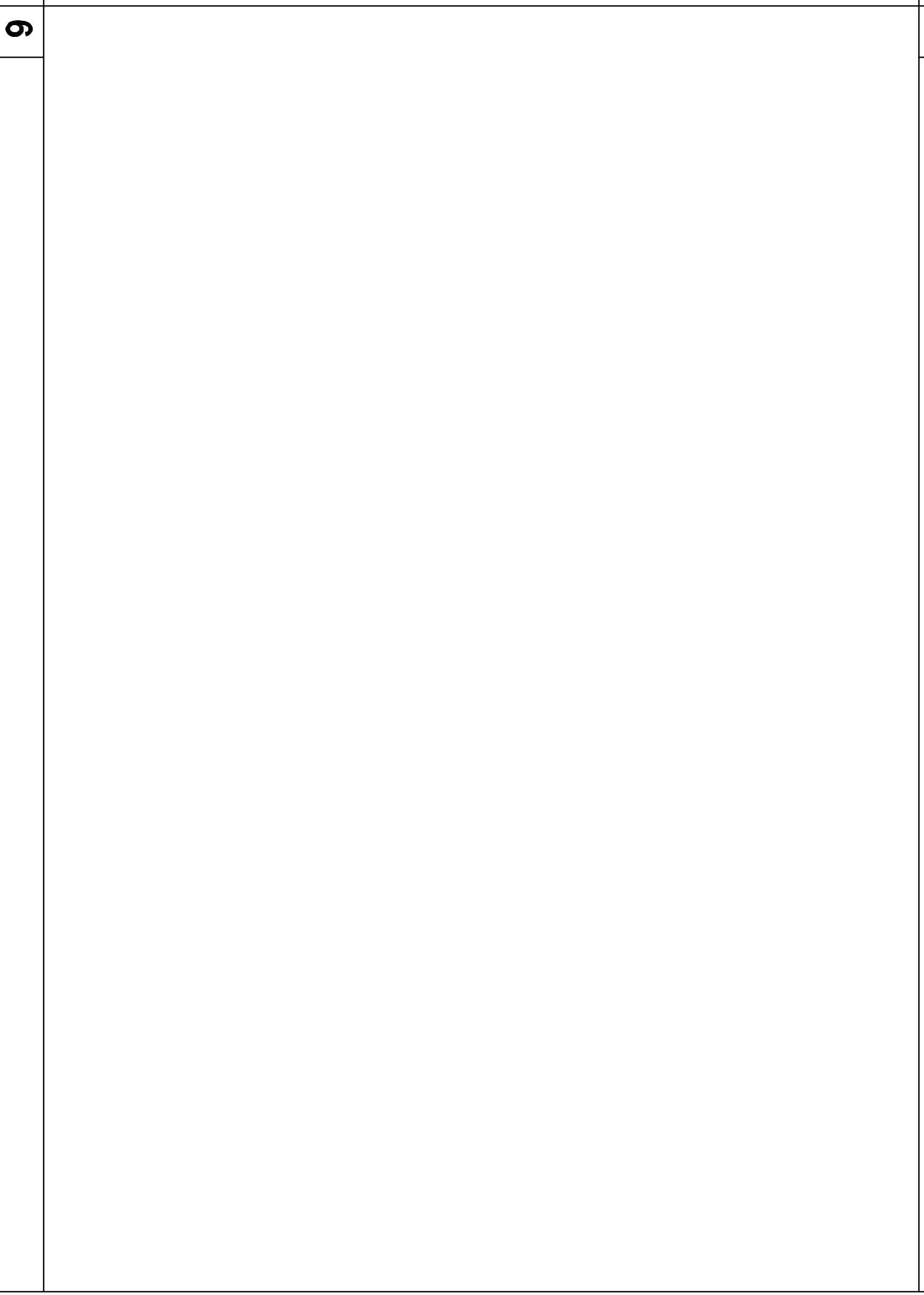
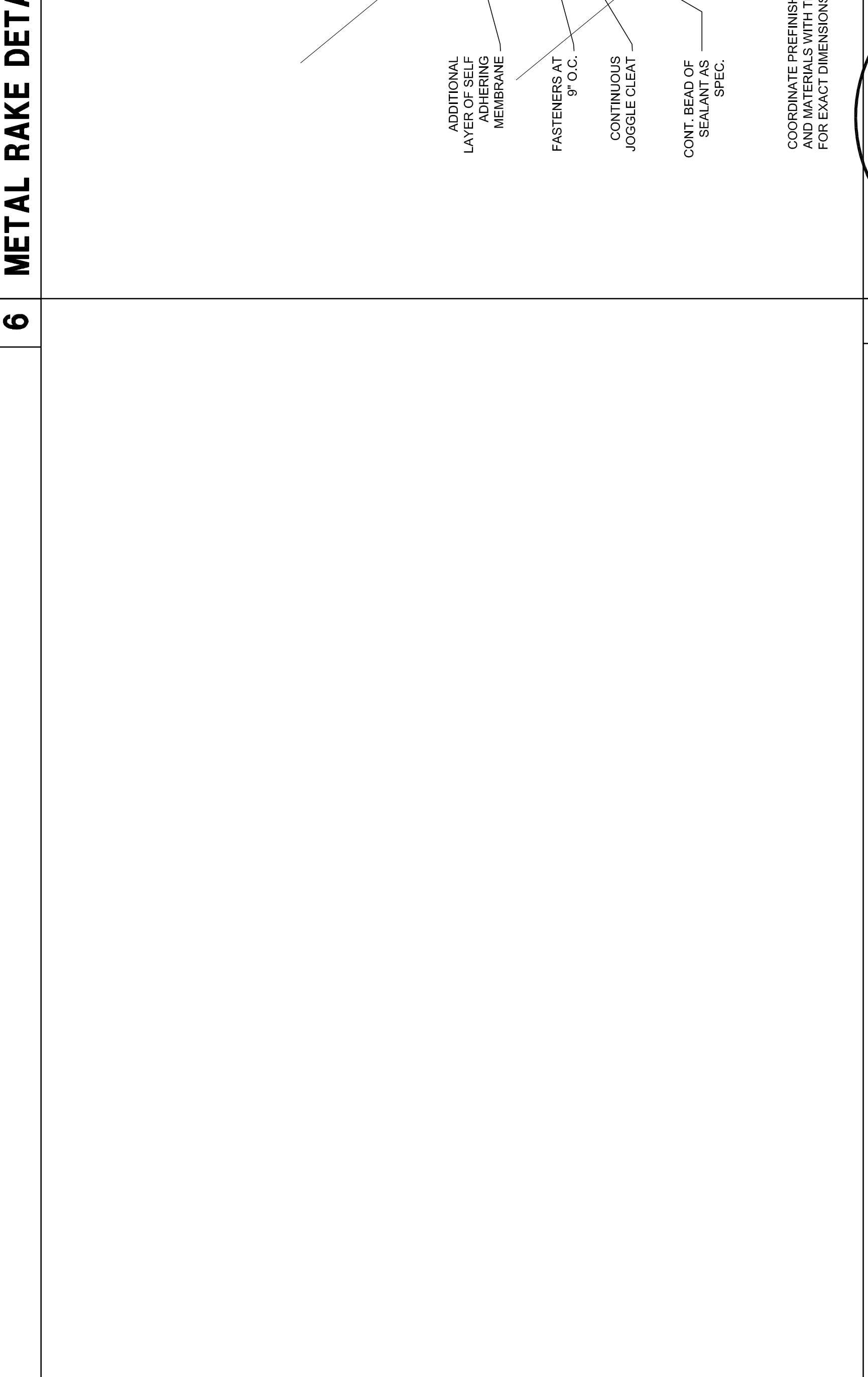
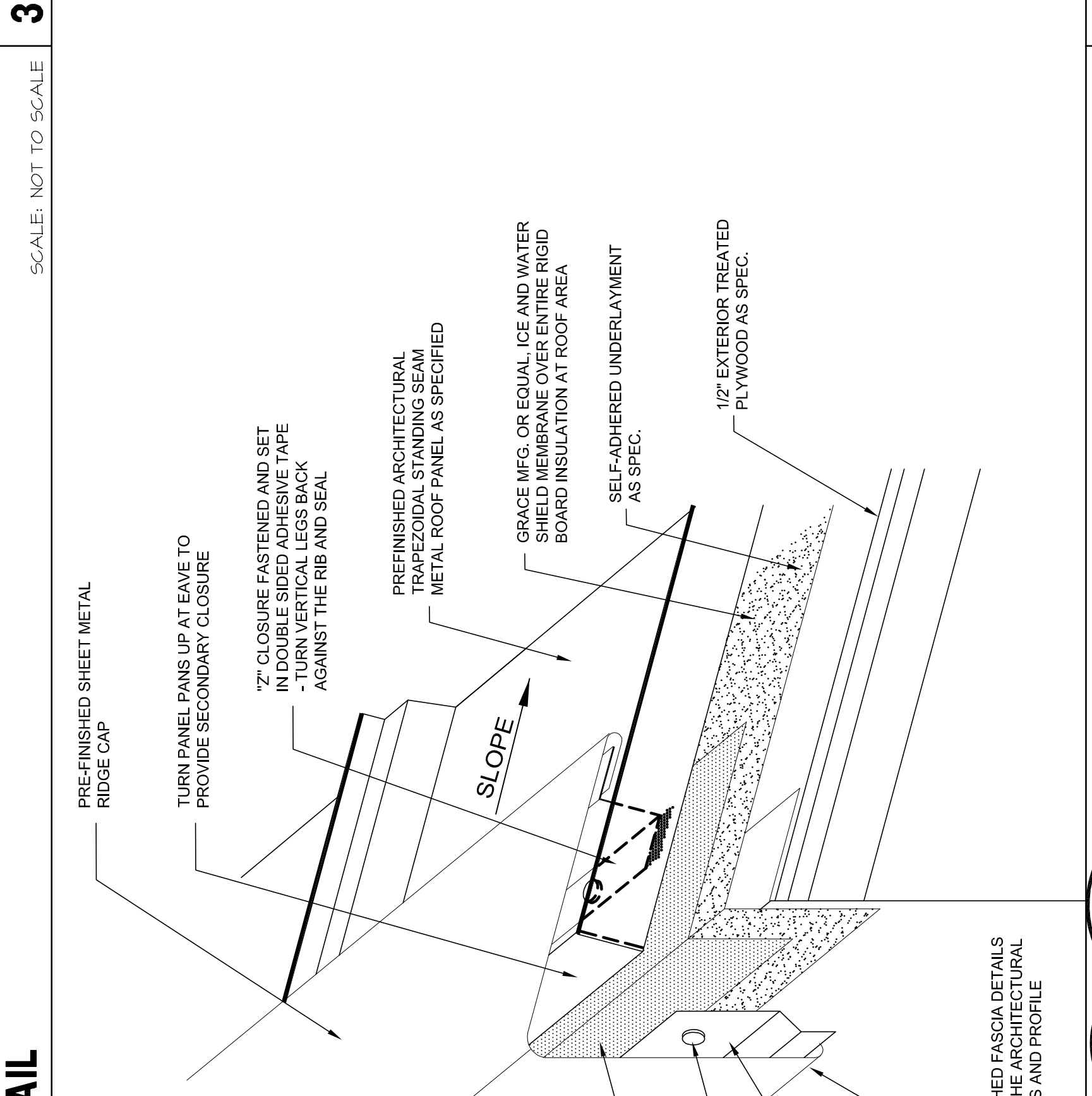


ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

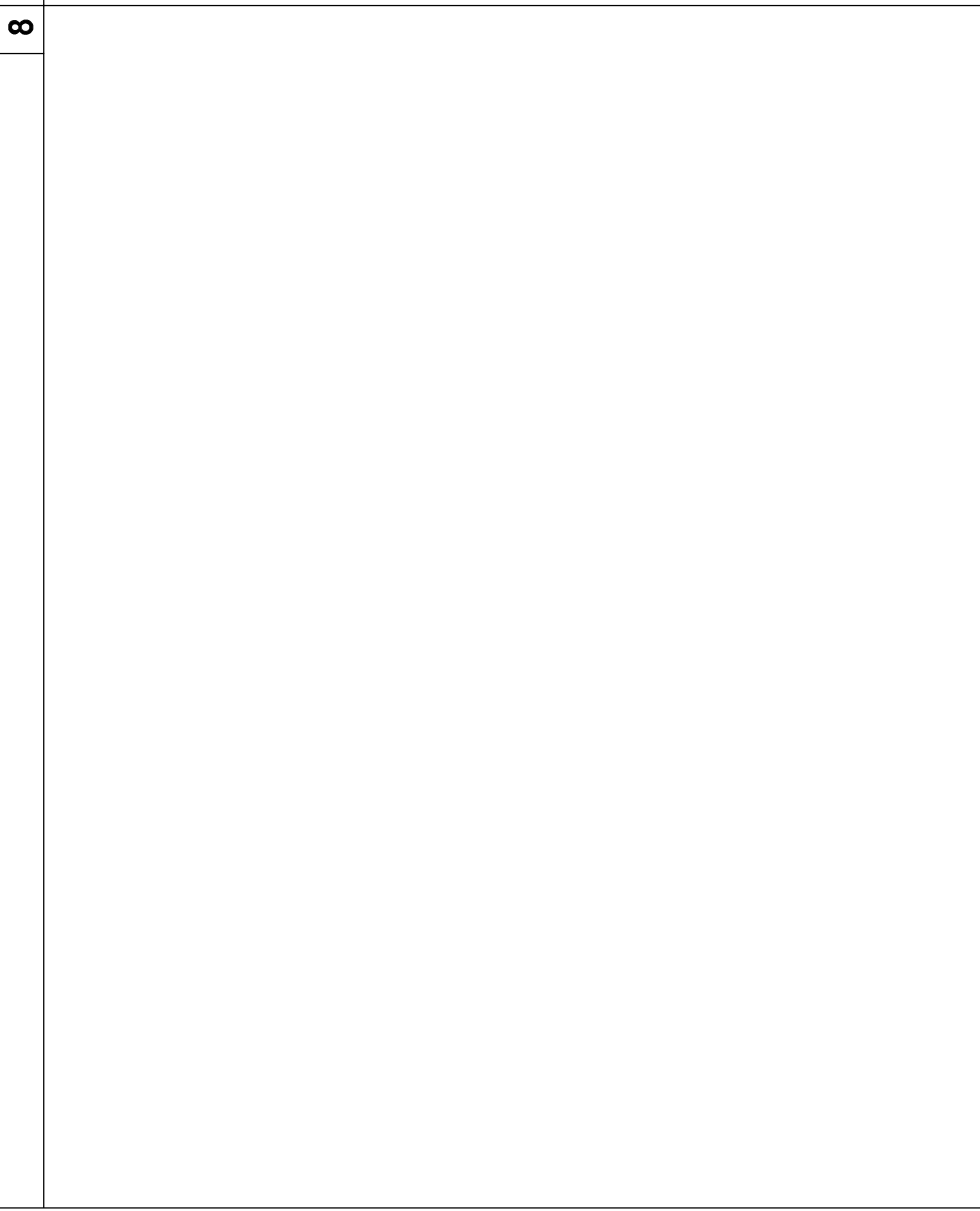
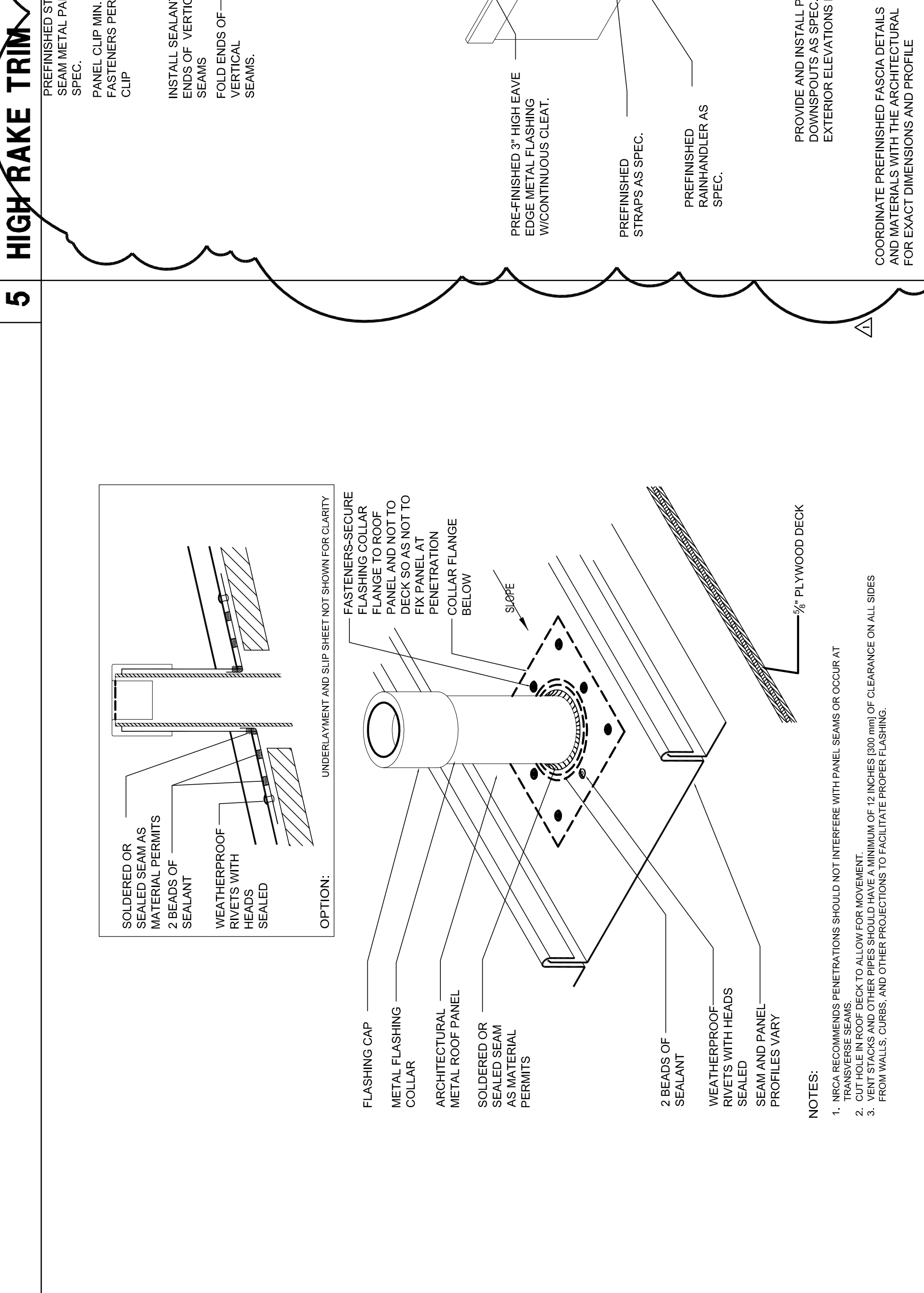
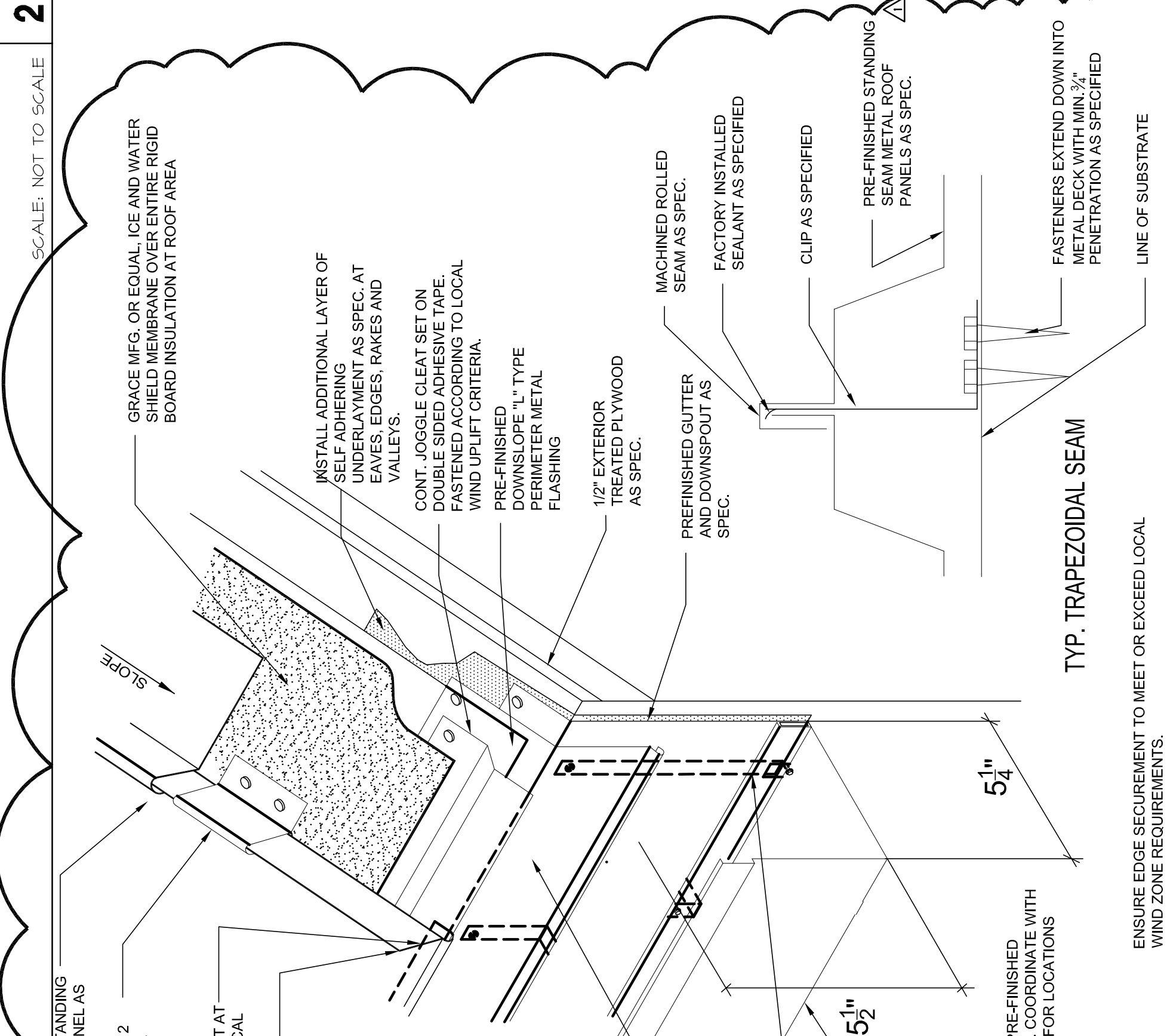
5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613



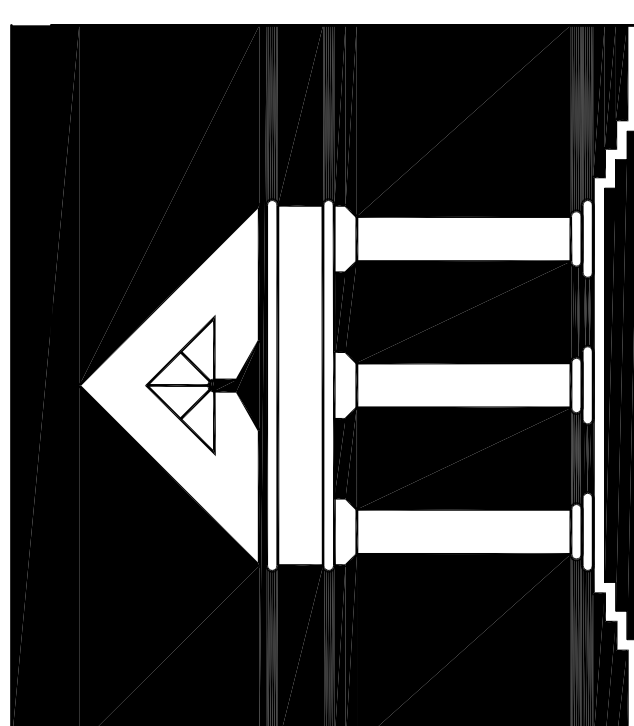
MISSOURI CITY, TEXAS 77459
 5855 SIENNA SPRINGS WAY
 RECREATIONAL CAMPUS
 HCC SOUTHWEST CAMPUS



ARCHITECTURAL SEALANT
 ARCHITECTURAL SEALANT
 ARCHITECTURAL SEALANT



ISSUED FOR PERMIT AND BID 4/8/2013
 ADDENDUM #3 5 / 24 / 2013
 Date: 4/9/2013
 SHEET CONTENTS
 ROOF DETAILS
 A-3.1 OF
 DRAWN BY: 09250
 CHECKED BY:



ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

- 1 BRICK VENEER
- 2 SCHEDULED STOREFRONT SYSTEM
- 3 BATTEN SEAM METAL ROOF
- 4 BATTEN SEAM FASCIA
- 5 NOT USED
- 6 NOT USED
- 7 NOT USED
- 8 SCHEDULED LOUVER VENT
- 9 SCHEDULED SECURITY ROLL DOWN SHUTTER
- 10 FASCIA BATTEN TRIM
- 11 PERFORATED FLAT METAL PANEL
- 12 8" CMU WALL
- 13 NOT USED
- 14 SCHEDULED LIGHT FIXTURE (WALL PACK)
- 15 DRINKING FOUNTAIN
- 16 SCHEDULED DOOR
- 17 CONTINUOUS METAL GUTTER WITH DOWNSPOUTS
- 18 18"x24"x4" SPLASH BLOCK BY MASON CONCRETE PRODUCTS OR SIMILAR AT EACH DOWNSPOUT

ALL HOLLOW METAL DOORS AND FRAMES WILL MATCH ROOF COLOR COLORMAT 7688 GRAY MATTERS

NOTES TO DRAWINGS

- BATTEN SEAM ROOF SYSTEM
 PRODUCT: ARCI BATTENLOCKS
 COLOR:TUNDRA
- BRICK VENEER
 PRODUCT: PALMETTO BRICK
 COLOR - OLD MARLBOROUGH
- BRICK VENEER ACCENT
 PRODUCT: ACME BRICK
 COLOR - BLEND 30 DOVE GRAY

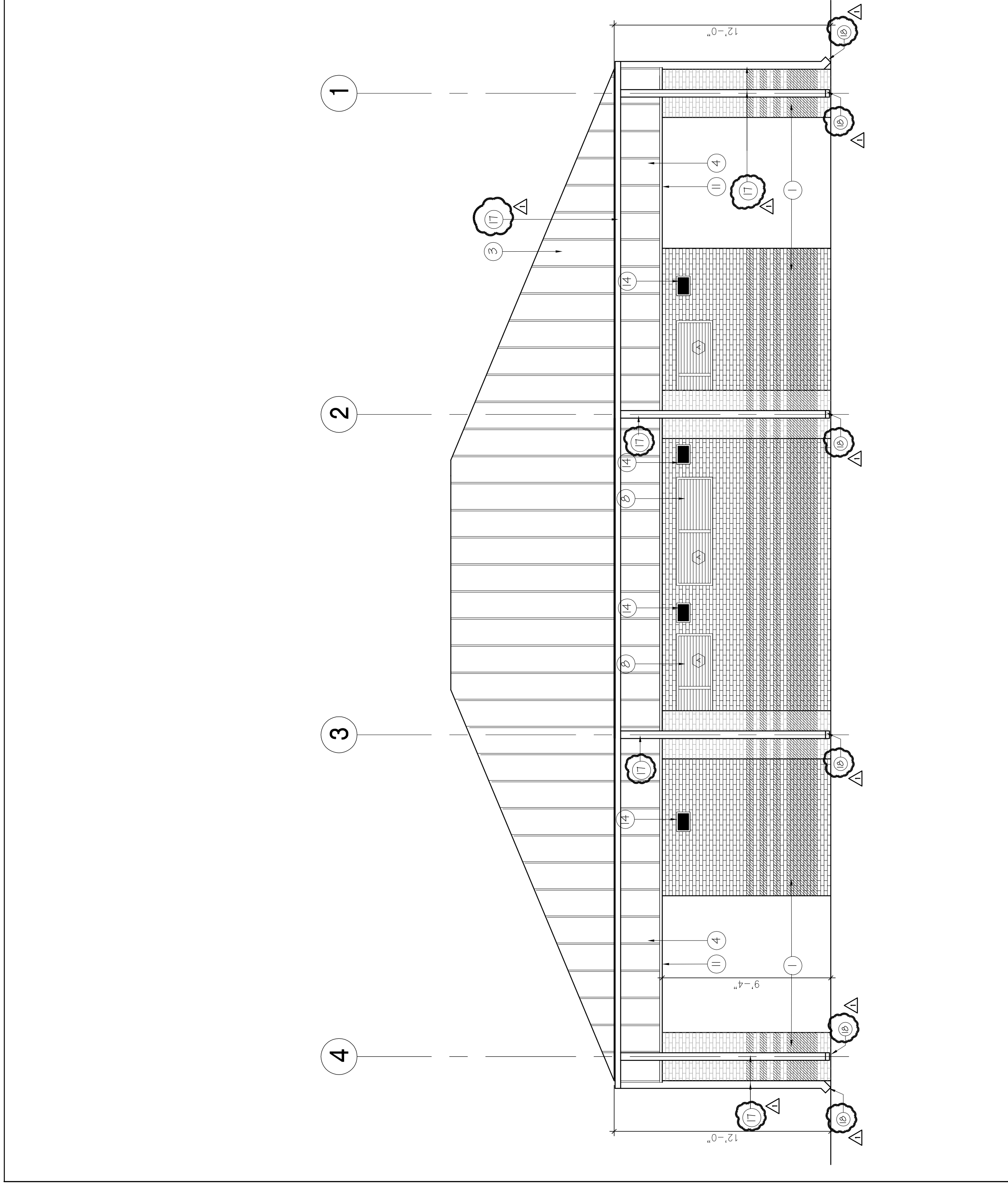
LEGEND

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-120 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-90 FOR PARTITION TYPES
12. REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

WEST ELEVATION

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

2



NORTH ELEVATION

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

4

EAST ELEVATION

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

1

HCC SOUTHWEST CAMPUS
 RECREATIONAL COMPLEX

5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459

ARCHITECT: ARCHI*TECHNICS/3, INC.
 DATE: 4/9/2013

ISSUED FOR PERMIT AND BID: 4/9/2013
 ADDENDUM #3: 5 / 28 / 2013

EXTERIOR ELEVATIONS

A-4.0 OF BNT.

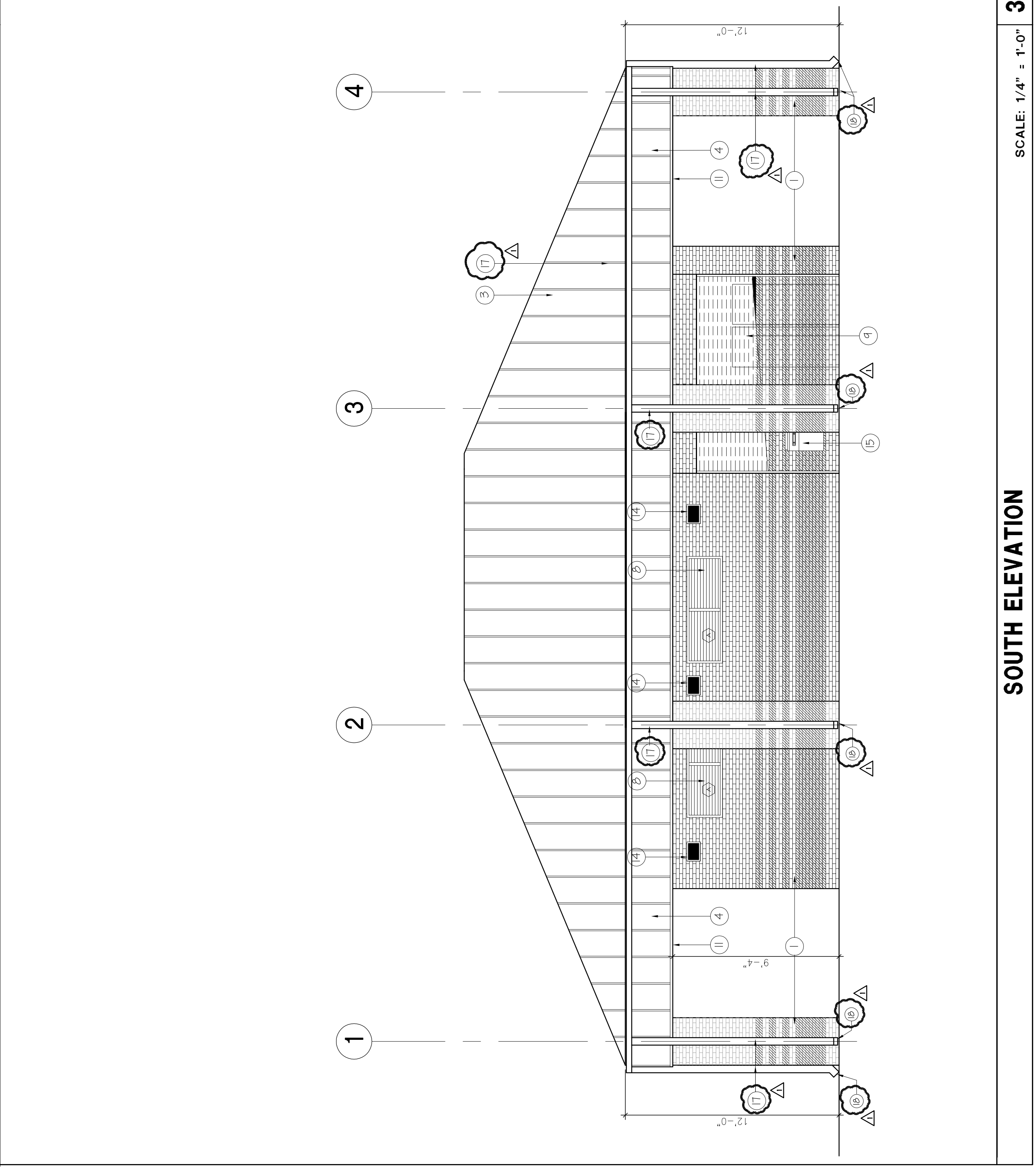
DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 FILE NO: _____

GENERAL NOTES

EAST ELEVATION

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

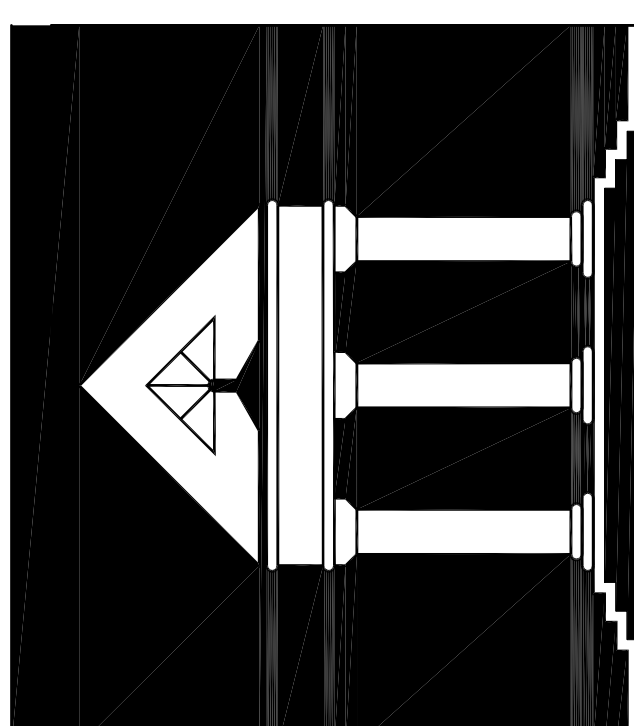
3



SOUTH ELEVATION

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

4



ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

- 1 BRICK VENEER
- 2 SCHEDULED STOREFRONT SYSTEM
- 3 BATTEN SEAM METAL ROOF
- 4 BATTEN SEAM FASCIA
- 5 NOT USED
- 6 NOT USED
- 7 NOT USED
- 8 SCHEDULED LOUVER VENT
- 9 SCHEDULED SECURITY ROLL DOWN SHUTTER
- 10 FASCIA BATTEN TRIM
- 11 PERFORATED FLAT METAL PANEL
- 12 8" CMU WALL
- 13 NOT USED
- 14 SCHEDULED LIGHT FIXTURE (WALL PACK)
- 15 DRINKING FOUNTAIN
- 16 SCHEDULED DOOR
- 17 CONTINUOUS METAL GUTTER WITH DOWNSPOUTS
- 18 18"x24"x4" SPLASH BLOCK BY MASON CONCRETE PRODUCTS OR SIMILAR AT EACH DOWNSPOUT

NOTE:
 REF. BUILDING SECTIONS FOR ROOF STRUCTURE
 NOT SHOWN FOR CLARITY

NOTES TO DRAWINGS

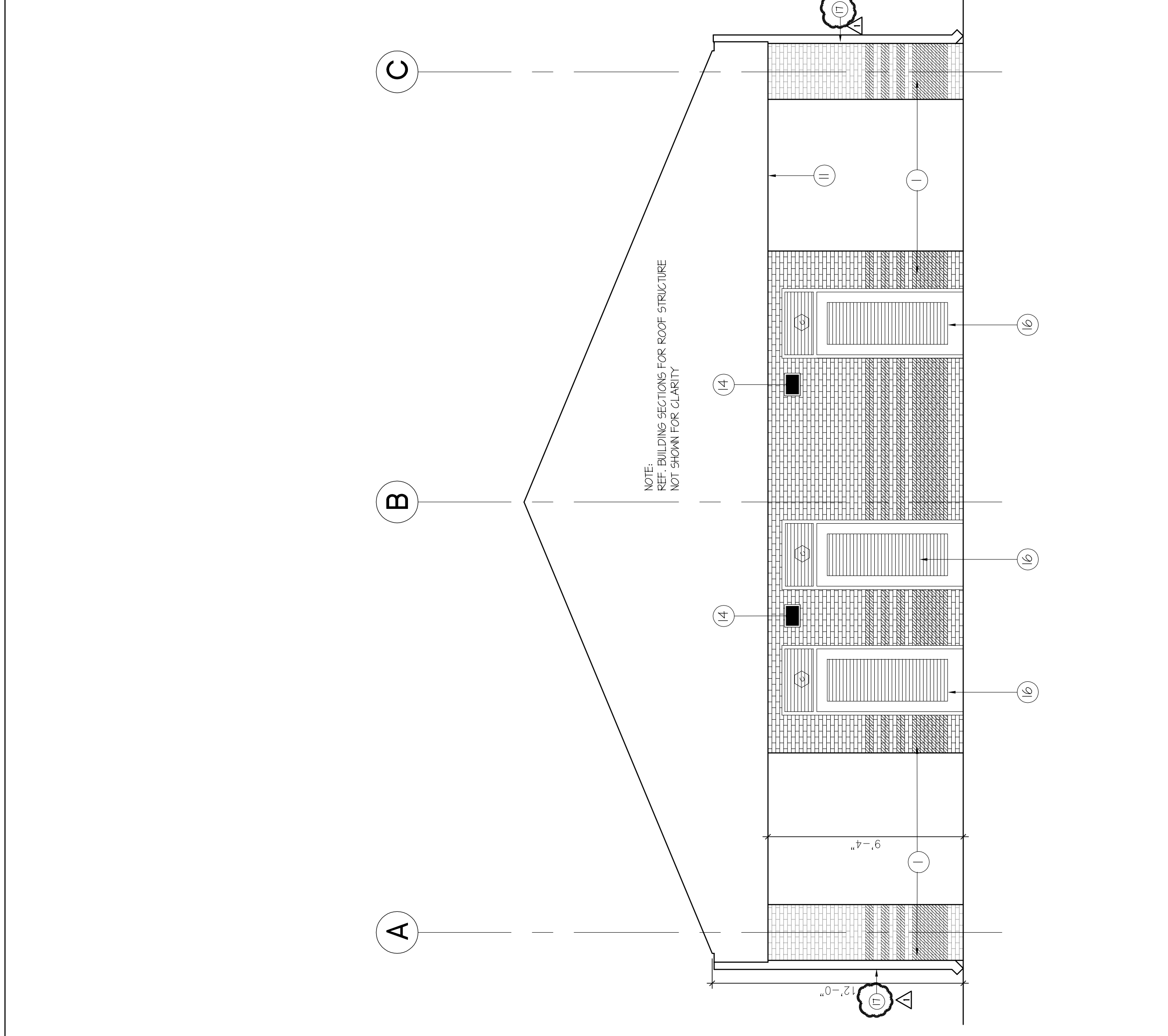
- BATTEN SEAM ROOF SYSTEM
 PRODUCT: MARI BATTEN/SLACK HS
 COLOR: TUNDRA
- BRICK VENEER
 PRODUCT: PALMETTO BRICK
 COLOR: OLD MARLBOROUGH
- BRICK VENEER, ACENT
 PRODUCT: ACME BRICK
 COLOR: BLEND 30 DOVE GRAY

ALL HOLLOW METAL DOORS AND FRAMES WILL MATCH ROOF
 COLOR COLORSHIM 7088 GRAY MATTERS

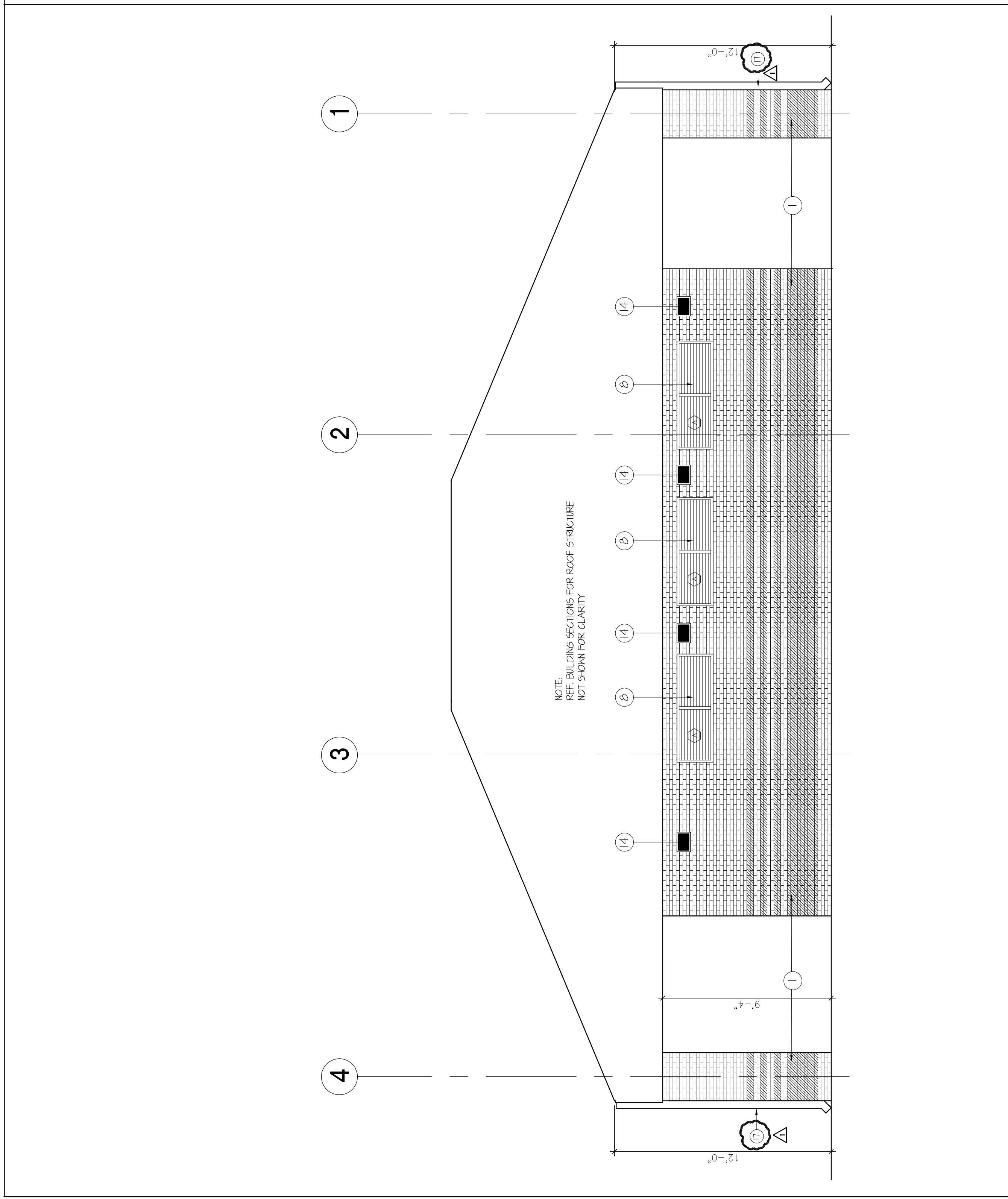
LEGEND

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-120 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-90 FOR PARTITION TYPES
12. REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

GENERAL NOTES

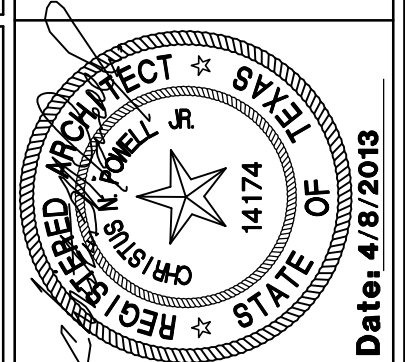


BUILDING PORCH-WEST ELEVATION
 SCALE: 1/4" = 1'-0"
 2



BUILDING PORCH-NORTH ELEVATION
 SCALE: 1/4" = 1'-0"
 4

HCC SOUTHWEST CAMPUS
 RECREATIONAL COMPLEX
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459

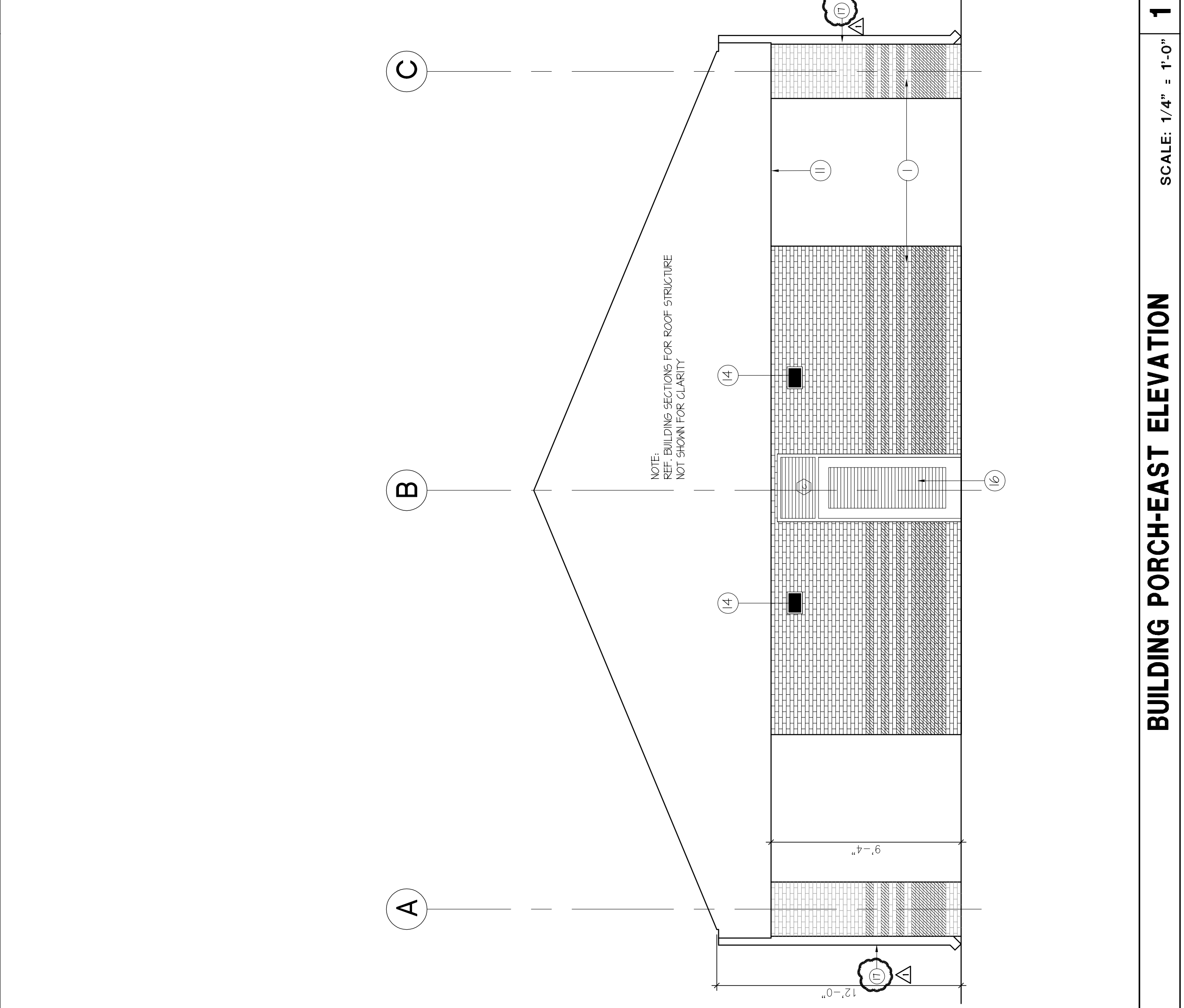


Date: 4/9/2013

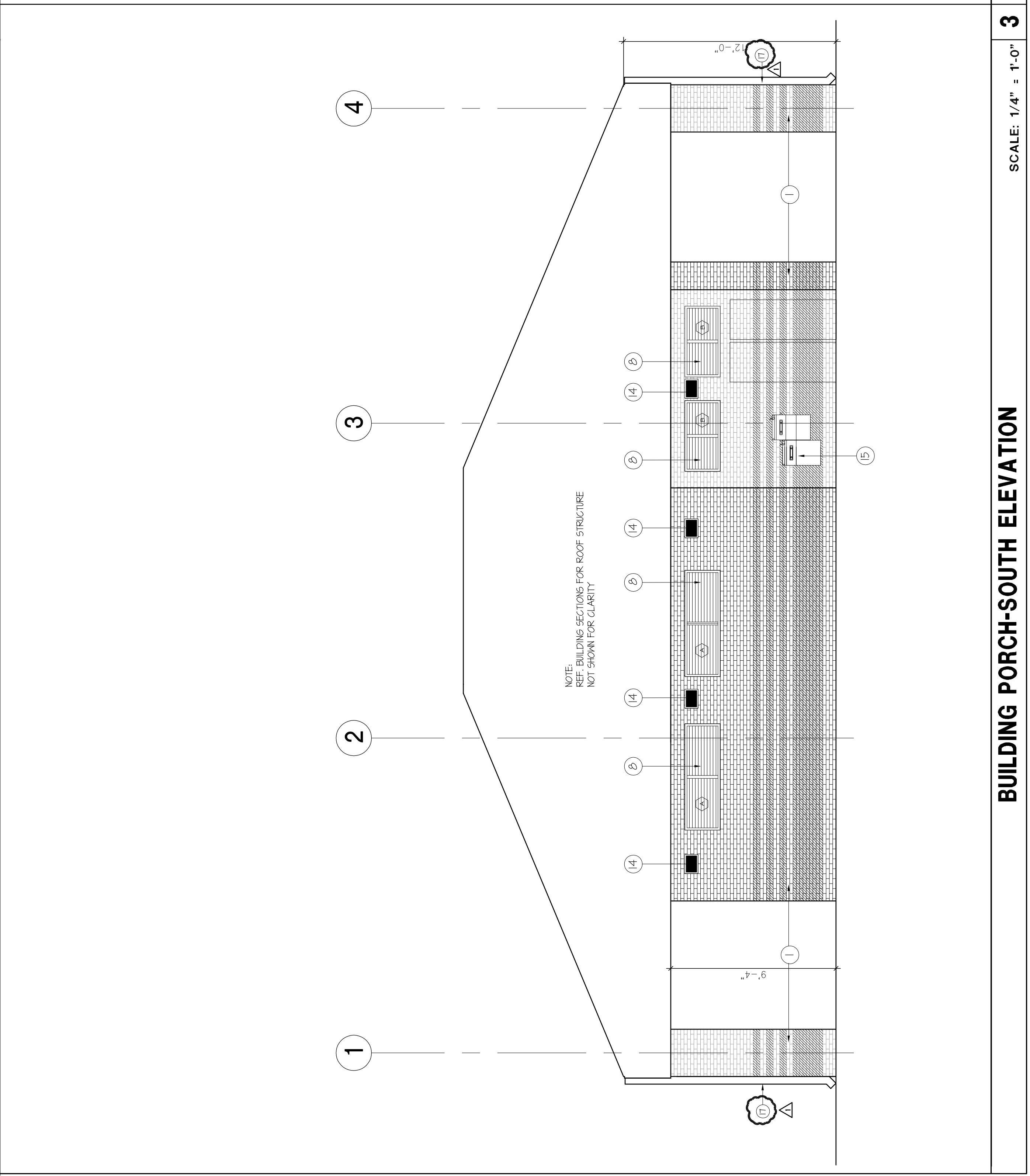
ISSUED FOR PERMIT AND BID: 4/9/2013
 APPENDIX A-3 5 / 28 / 2013

EXTERIOR ELEVATIONS

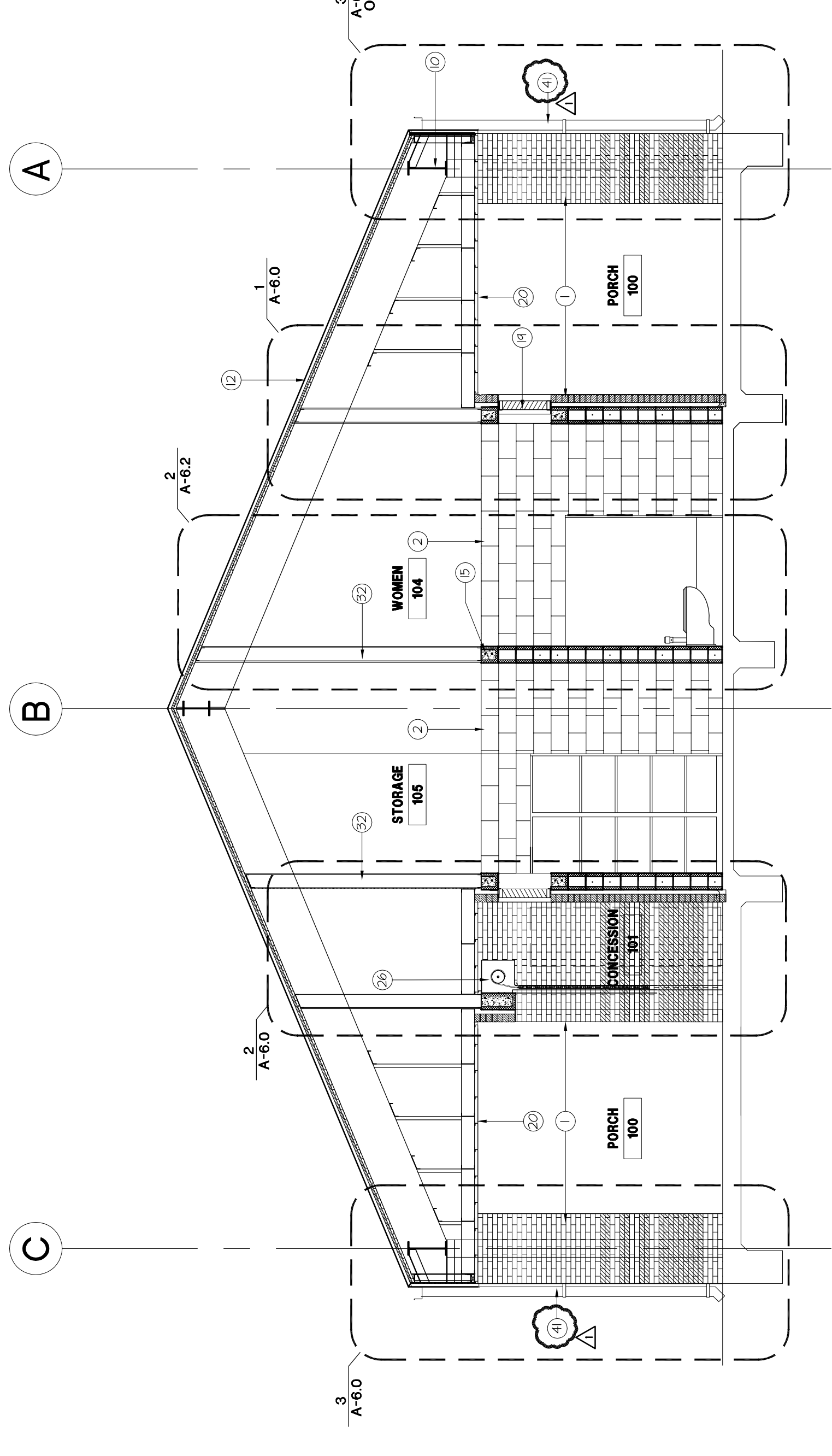
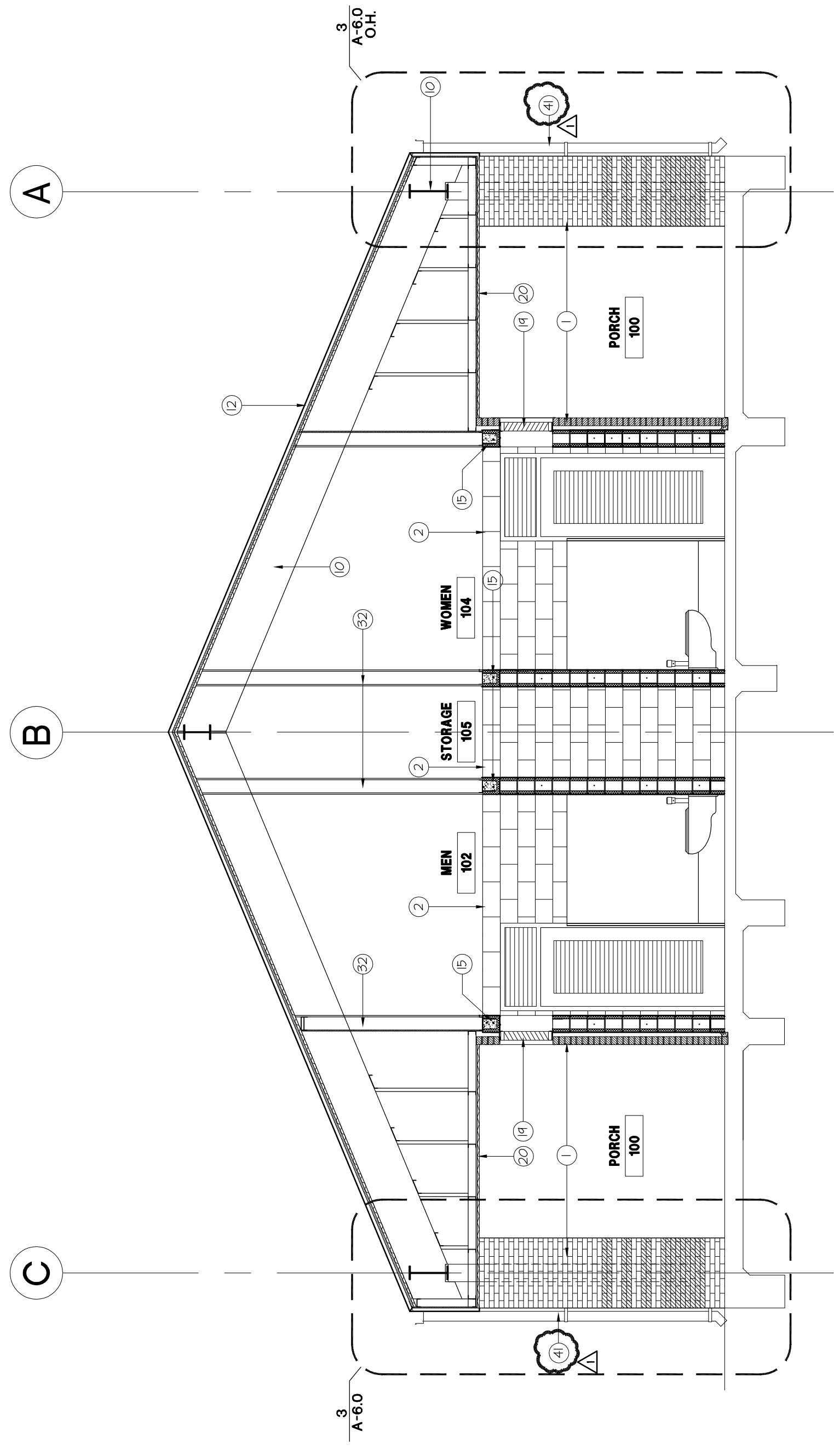
SHT. OF A-4.1
 DATE: 4/9/2013
 DRAWN BY:
 CHECKED BY:
 FILE NO. 10500



BUILDING PORCH-EAST ELEVATION
 SCALE: 1/4" = 1'-0"
 1



BUILDING PORCH-SOUTH ELEVATION
 SCALE: 1/4" = 1'-0"
 3



BUILDING SECTION

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

3

BUILDING SECTION

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

2

- 1 MODULAR BRICK
- 2 8" X 8" X 16" CONCRETE MASONRY UNITS
- 3 SOLID GROUT FILLED
- 4 HORIZONTAL STEEL REBAR REINFORCEMENT
- 5 VERTICAL STEEL REBAR REINFORCEMENT
- 6 SCHEDULED DOOR FRAME
- 7 SCHEDULED DOOR
- 8 SCHEDULED STOREFRONT SYSTEM
- 9 STEEL COLUMN, REFER TO STRUCTURAL DRAWINGS
- 10 STEEL BEAM, REFER TO STRUCTURAL DRAWINGS
- 11 METAL DECKING
- 12 BATTEN SEAM METAL ROOF, KYMAR 500 FINISH
- 13 RIDGE VENT, KYMAR 500 FINISH
- 14 2" RIGID INSULATION
- 15 8" X 8" X 16" CALU BOND BEAM
- 16 HORIZONTAL MASONRY REINFORCEMENT WITH ADJUSTABLE BRICK TIES
- 17 CONTINUOUS BACKER ROD AND SEALANT, SHM AS NECESSARY
- 18 SCHEDULED METAL THRESHOLD SET SOLID IN MASTIC
- 19 SCHEDULED LOUVER VENT
- 20 PERFORATED FLAT METAL PANEL SOFFIT, MCCI ARTISAN L12 OR EQUAL
- 21 CONTROL JOINT
- 22 3" WIDE METAL SOFFIT VENT CONTI.
- 23 1/2" THICK EXTERIOR GRADE PLYWOOD
- 24 CONTINUE METAL TRIM
- 25 OVERHEAD ROLLING DOOR
- 26 GRADE MFG. OR EQUAL ICE AND WATER SHIELD MEMBRANE OVER ENTIRE BOARD INSULATION AT ROOF AND ROOF FASCIA AREA.
- 27 STEEL ANGLE REFER TO STRUCTURAL DRAWINGS
- 28 3 5/8" METAL STUDS
- 29 1/2" THICK SHEATHING
- 30 VAPOR RETARDER BUILDING WRAP, TYVEK MFG OR EQUAL, COMMERCIAL BUILDING WRAP
- 31 6" METAL STUDS HEAVY GAUGE
- 32 OVERHEAD ROLLING GRILLE
- 33 CONTINUOUS DAMPROOFING APPLIED TO EXTERIOR FACE OF CMU
- 34 VAPOR BARRIER APPLIED TO ROOF DECK AS SPECIFIED
- 35 SCHEDULED LIGHT FIXTURE
- 36 SPECIFIED TOILET FIXTURE
- 37 R-19 BATT - INSULATION INSTALLED PER. SPEC.
- 38 SPECIFIED TOILET ACCESSORY
- 39 MOISTURE AND IMPACT RESISTANT 5/8" GYPSUM BOARD
- 40 CONTINUOUS METAL GUTTER WITH DOWNSPOUT.

NOTES TO DRAWINGS

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-120 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-90 FOR PARTITION TYPES
12. REFER TO SHEET A-10.0 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO G-0-3 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

BUILDING SECTION

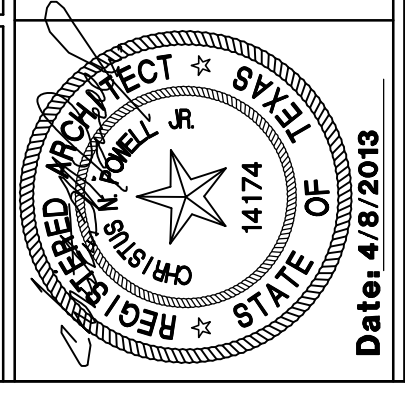
SCALE: 1/4" = 1'-0"

1

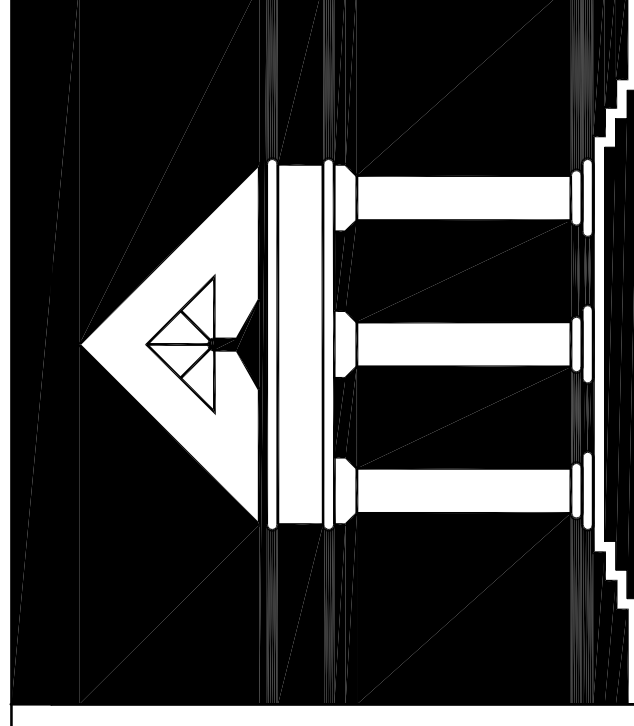
**ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT**

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/868-0088 FAX 713/488-2613

HCC SOUTHWEST CAMPUS
RECREATIONAL COMPLEX
5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date:	4/9/2013
ISSUED FOR PERMIT AND BID:	4/9/2013
APPENDIX #3:	5 / 28 / 2013
BUILDING SECTIONS	
A-5.0	OF 10500
DATE:	
DRAWN BY:	
CHECKED BY:	
FILE NO.:	



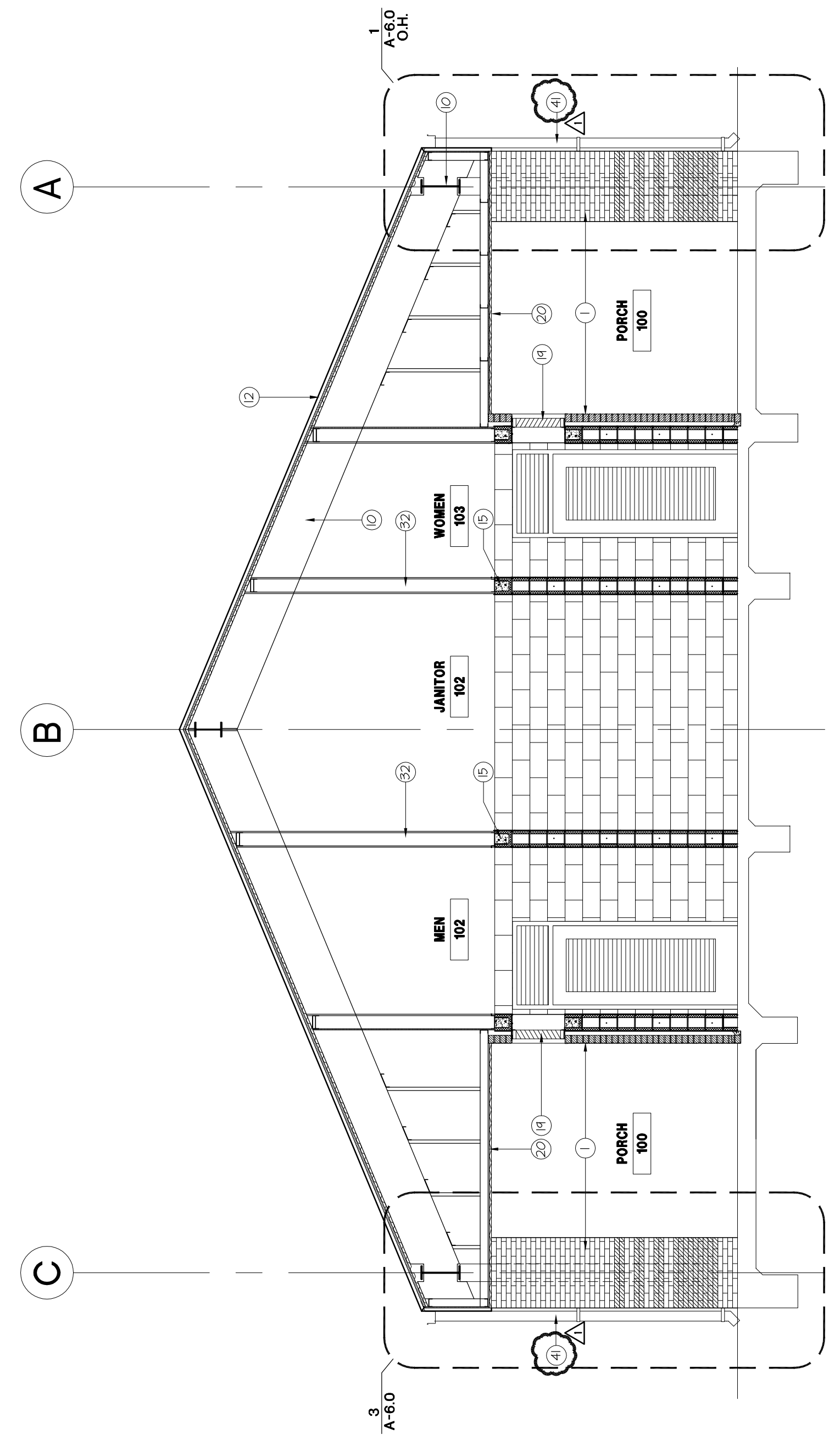
ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

ARCHI•TECHNICS/3, INC.

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/868-0088 FAX 713/488-2613

- 1 MODULAR BRICK
- 2 8" X 8" X 16" CONCRETE MASONRY UNITS
- 3 SOLID GROUT FILLED
- 4 HORIZONTAL STEEL REBAR REINFORCEMENT
- 5 VERTICAL STEEL REBAR REINFORCEMENT
- 6 SCHEDULED DOOR FRAME
- 7 SCHEDULED DOOR
- 8 SCHEDULED STOREFRONT SYSTEM
- 9 STEEL COLUMN, REFER TO STRUCTURAL DRAWINGS
- 10 STEEL BEAM, REFER TO STRUCTURAL DRAWINGS
- 11 METAL DECKING
- 12 BATTEN SEAM METAL ROOF, KYMAR 500 FINISH
- 13 RIDGE VENT, KYMAR 500 FINISH
- 14 2" RIGID INSULATION
- 15 8"X 8"X 16" C.M.U. BOND BEAM
- 16 HORIZONTAL MASONRY REINFORCEMENT WITH ADJUSTABLE BRICK TIES
- 17 CONTINUOUS BACKER ROD AND SEALANT, SHM AS NECESSARY
- 18 SCHEDULED METAL THRESHOLD SET SOLD IN MASTIC
- 19 SCHEDULED LOUVER VENT
- 20 PERFORATED FLAT METAL PANEL SOFFIT, MCCI ARTISAN L12 OR EQUAL
- 22 CONTROL JOINT
- 23 3" WIDE METAL SOFFIT VENT CONTI.
- 24 1/2" THICK EXTERIOR GRADE PLYWOOD
- 25 CONTINUE METAL TRIM
- 26 OVERHEAD ROLLING DOOR
- 27 GRACE MFG. 605 EQUALISE INS. WATER SHIELD MEMBRANE OVER ENTIRE BOARD INSULATION AT ROOF AND ROOF FASCIA AREA.
- 28 STEEL ANGLE REFER TO STRUCTURAL DRAWINGS
- 29 3/8" METAL STUDS
- 30 1/2" THICK SHEATHING
- 31 VAPOR RETARDER BUILDING WRAP, TYVEK WFG OR EQUAL, COMMERCIAL BUILDING WRAP
- 32 6" METAL STUDS (HEAVY GAUGE)
- 33 OVERHEAD ROLLING GRILLE
- 34 CONTINUOUS DAMPROOFING APPLIED TO EXTERIOR FACE OF CMU
- 35 VAPOR BARRIER APPLIED TO ROOF DECK AS SPECIFIED
- 36 SCHEDULED LIGHT FIXTURE
- 37 SPECIFIED TOILET FIXTURE
- 38 R-19 BATT - INSULATION INSTALLED PER SPEC.
- 39 SPECIFIED TOILET ACCESSORY
- 40 MOISTURE AND IMPACT RESISTANT 5/8" GYPSUM BOARD
- 41 CONTINUOUS METAL GUTTER WITH DOWNSPOUT.

- 1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
- 2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
- 3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
- 4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- 5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
- 6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
- 7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
- 8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- 9. REFER TO SHEET A-11.0 FOR DOOR SCHEDULE INFORMATION
- 10. REFER TO SHEET A-12.0 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
- 11. REFER TO SHEET A-9.0 FOR PARTITION TYPES
- 12. REFER TO SHEET A-10.0 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
- 13. REFER TO C-0.3 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
- 14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.



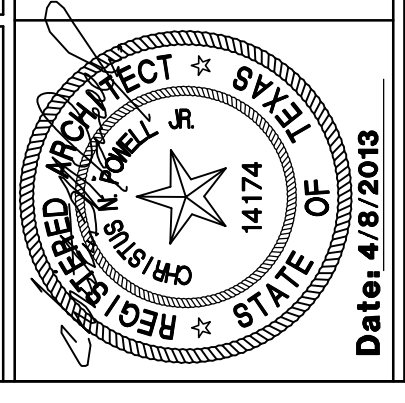
NOTES TO DRAWINGS

BUILDING SECTION

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

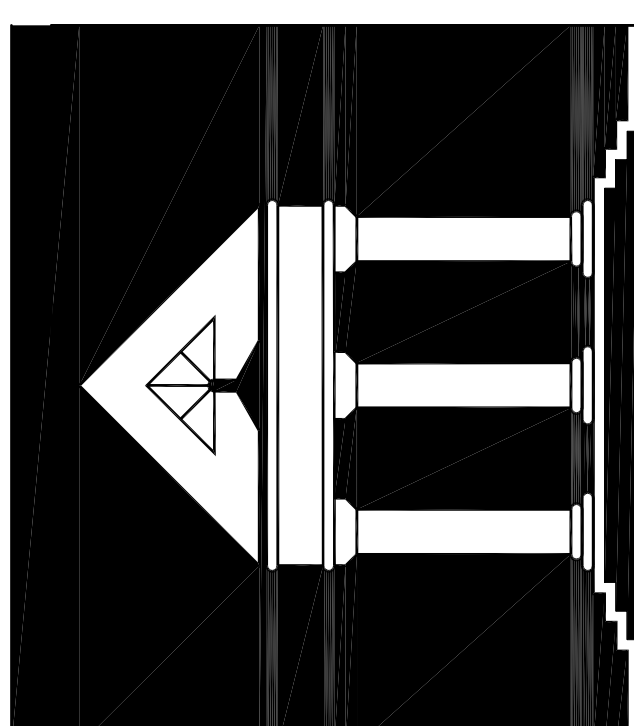
1

HCC SOUTHWEST CAMPUS
RECREATIONAL COMPLEX
5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date: 4/9/2013
Date:
ISSUED FOR PERMIT AND BID 4/9/2013
ADDITIONAL #S 5 / 28 / 2013

BUILDING SECTIONS
A-5.1
DATE: DRAWN BY:
CHECKED BY:
FILE NO. 10500



ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613

- 1 MODULAR BRICK
- 2 6" x 8" x 16" CONCRETE MASONRY UNITS
- 3 SOLID GROUT FILLED
- 4 HORIZONTAL STEEL REBAR REINFORCEMENT
- 5 VERTICAL STEEL REBAR REINFORCEMENT
- 6 SCHEDULED DOOR FRAME
- 7 SCHEDULED DOOR
- 8 SCHEDULED STOREFRONT SYSTEM
- 9 STEEL COLUMN. REFER TO STRUCTURAL DRAWINGS
- 10 STEEL BEAM. REFER TO STRUCTURAL DRAWINGS
- 11 METAL DECKING
- 12 BATTEN SEAM METAL ROOF. KYNAR 500 FINISH
- 13 RIDGE VENT. KYNAR 500 FINISH
- 14 2" RIGID INSULATION
- 15 6"X 6"X 16" C.M.U. BOND BEAM
- 16 HORIZONTAL MASONRY REINFORCEMENT WITH ADJUSTABLE BRICK TIES
- 17 CONTINUOUS BACKER ROD AND SEALANT. SHM AS NECESSARY
- 18 SCHEDULED METAL THRESHOLD SET SOLID IN MASONRY
- 19 SCHEDULED LOUVER VENT
- 20 PERFORATED FLAT METAL PANEL SOFFIT, MSCI ARTISAN LIG OR EQUAL
- 21 CONTROL JOINT
- 22 3" WIDE METAL SOFFIT VENT CONTI.
- 23 1/2" THICK EXTERIOR GRADE PLYWOOD
- 24 CONTINUE METAL TRIM
- 25 OVERHEAD ROLLING DOOR
- 26 GRACE MFG OR EQUAL ICE AND WATER SHIELD MEMBRANE OVER ENTIRE BOARD INSULATION AT ROOF AND ROOF PASCIA AREA.
- 27 STEEL ANGLE REFER TO STRUCTURAL DRAWINGS
- 28 3 5/8" METAL STUDS
- 29 1/2" THICK SHEATHING
- 30 VAPOR RETARDER BUILDING WRAP, TYVEK MFG OR EQUAL. COMMERCIAL BUILDING WRAP
- 31 6" METAL STUDS (HEAVY GAUGE)
- 32 OVERHEAD ROLLING GRILLE
- 33 CONTINUOUS DAMPROOFING APPLIED TO EXTERIOR FACE OF CMU
- 34 VAPOR BARRIER APPLIED TO ROOF DECK AS SPECIFIED
- 35 SCHEDULED LIGHT FIXTURE
- 36 SPECIFIED TOILET FIXTURE
- 37 R-19 BATT - INSULATION INSTALLED PER SPEC.
- 38 SPECIFIED TOILET ACCESSORY
- 39 MOISTURE AND IMPACT RESISTANT 5/8" GYPSUM BOARD
- 40 CONTINUOUS METAL GUTTER WITH DOWNSPOUT.

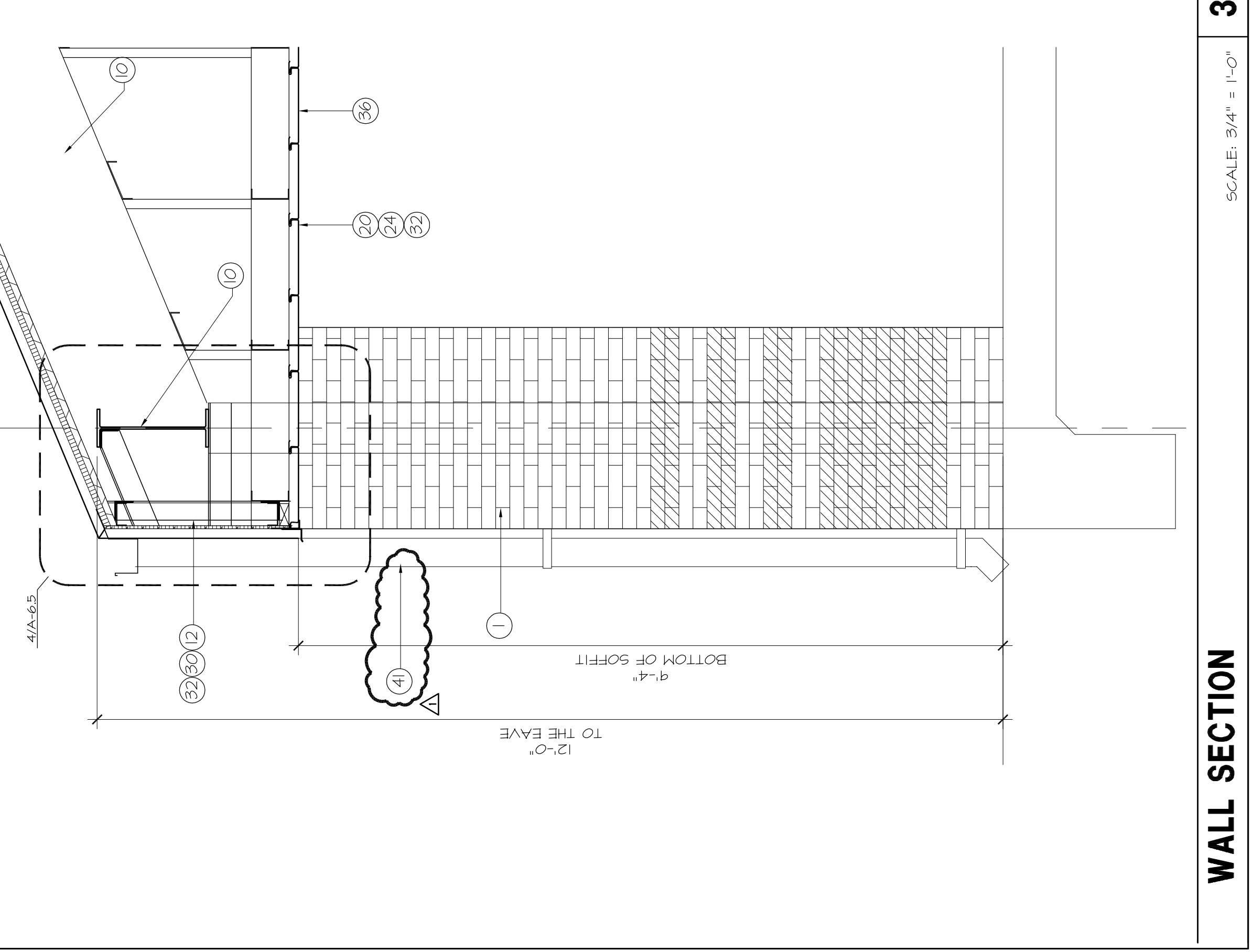
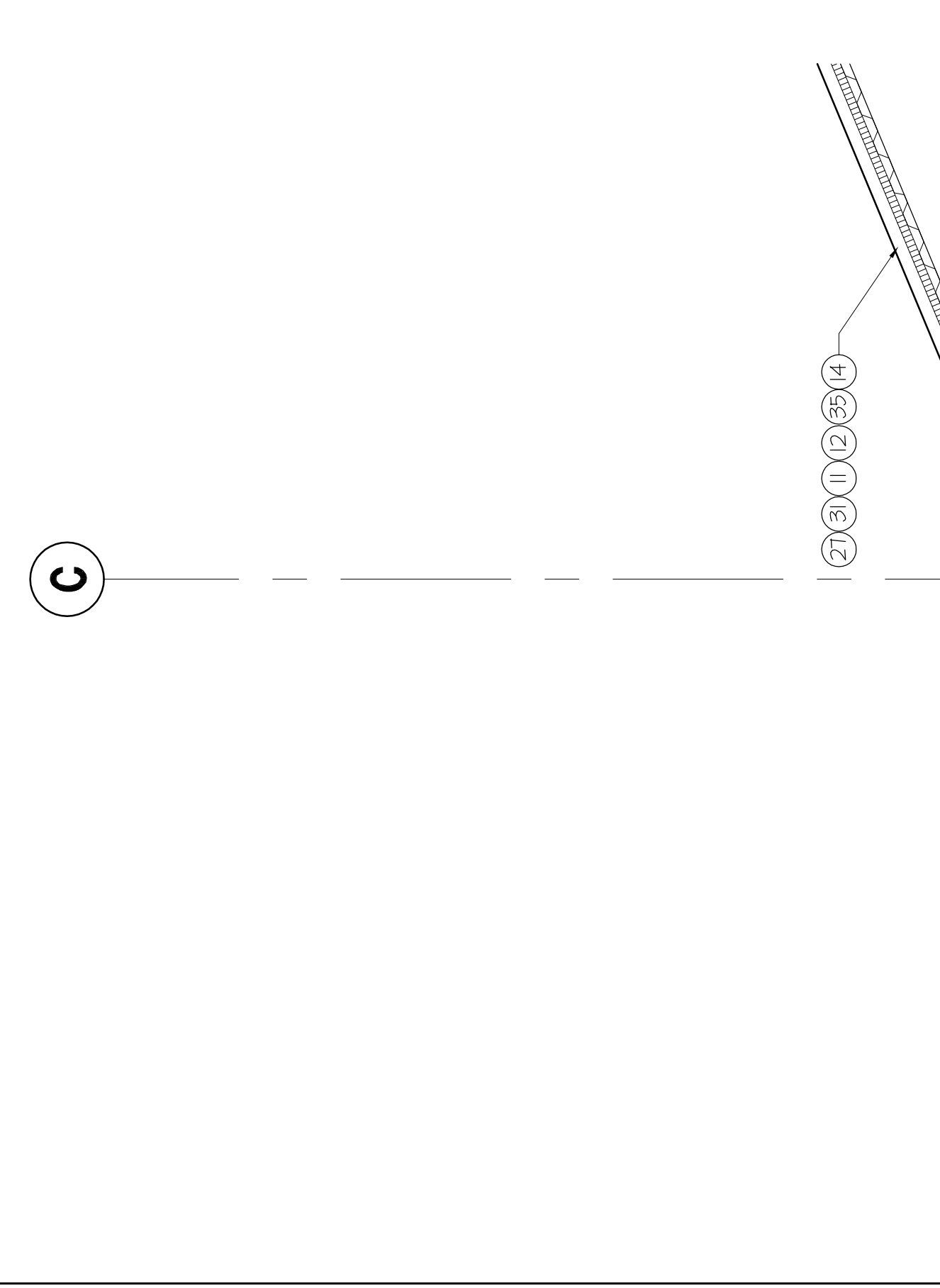
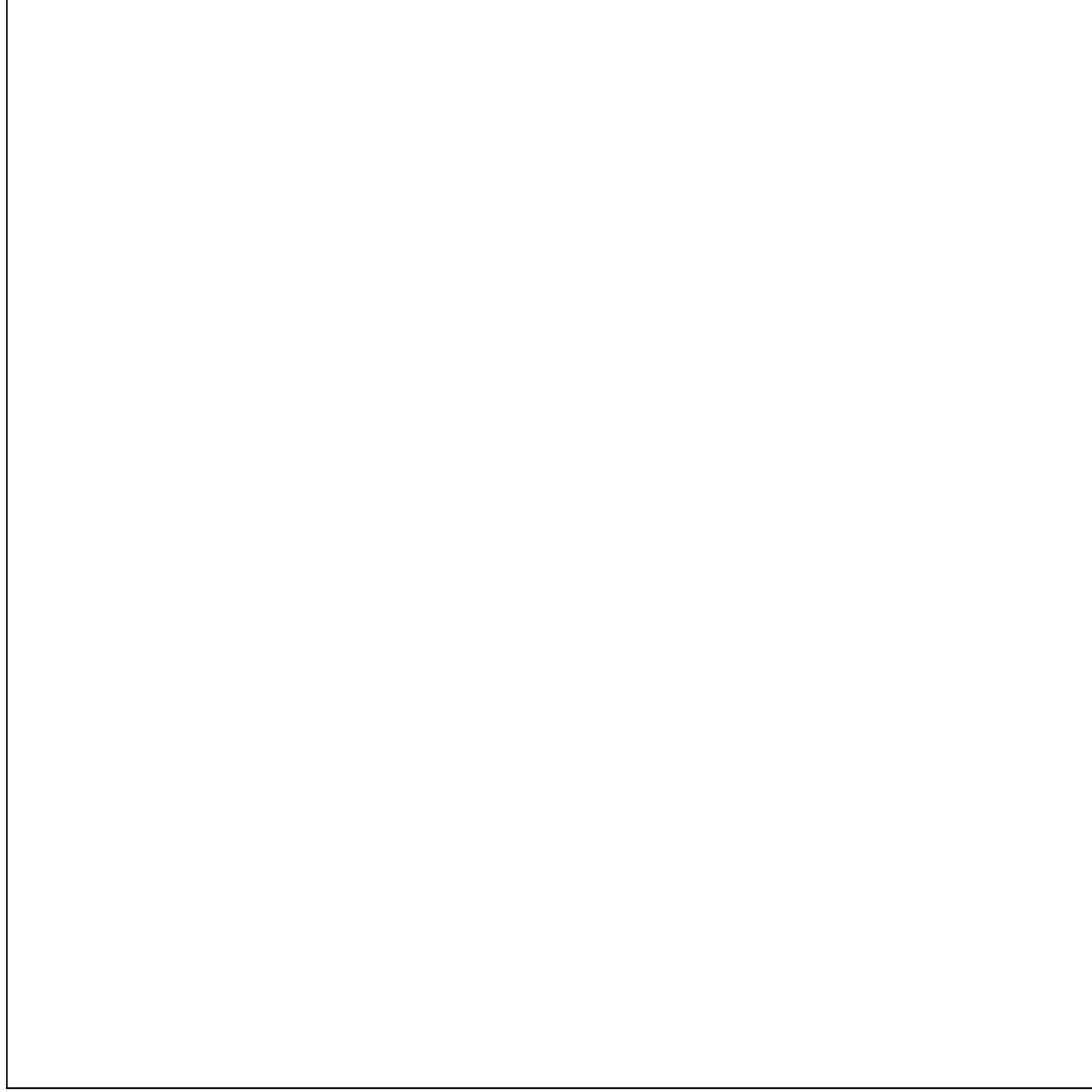
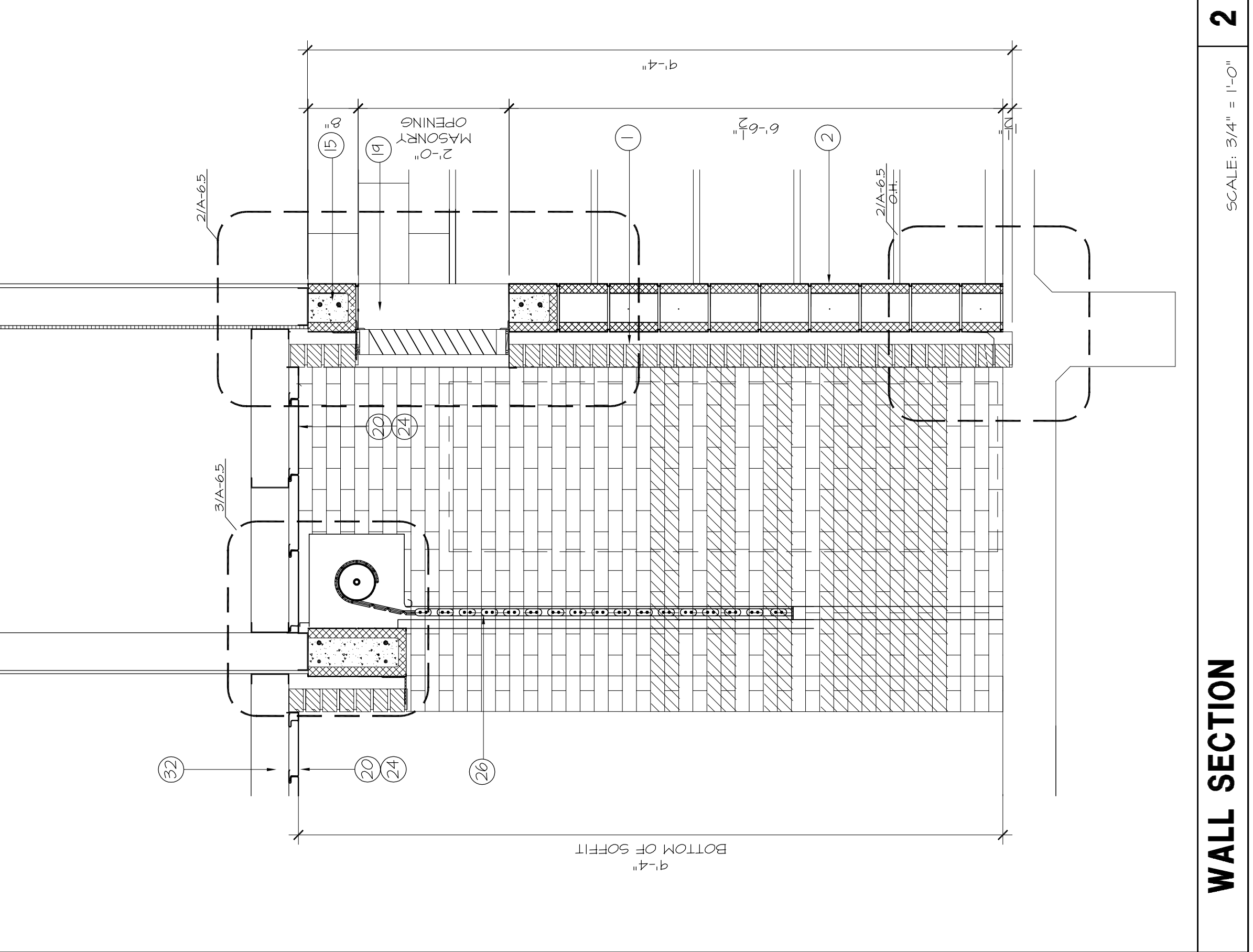
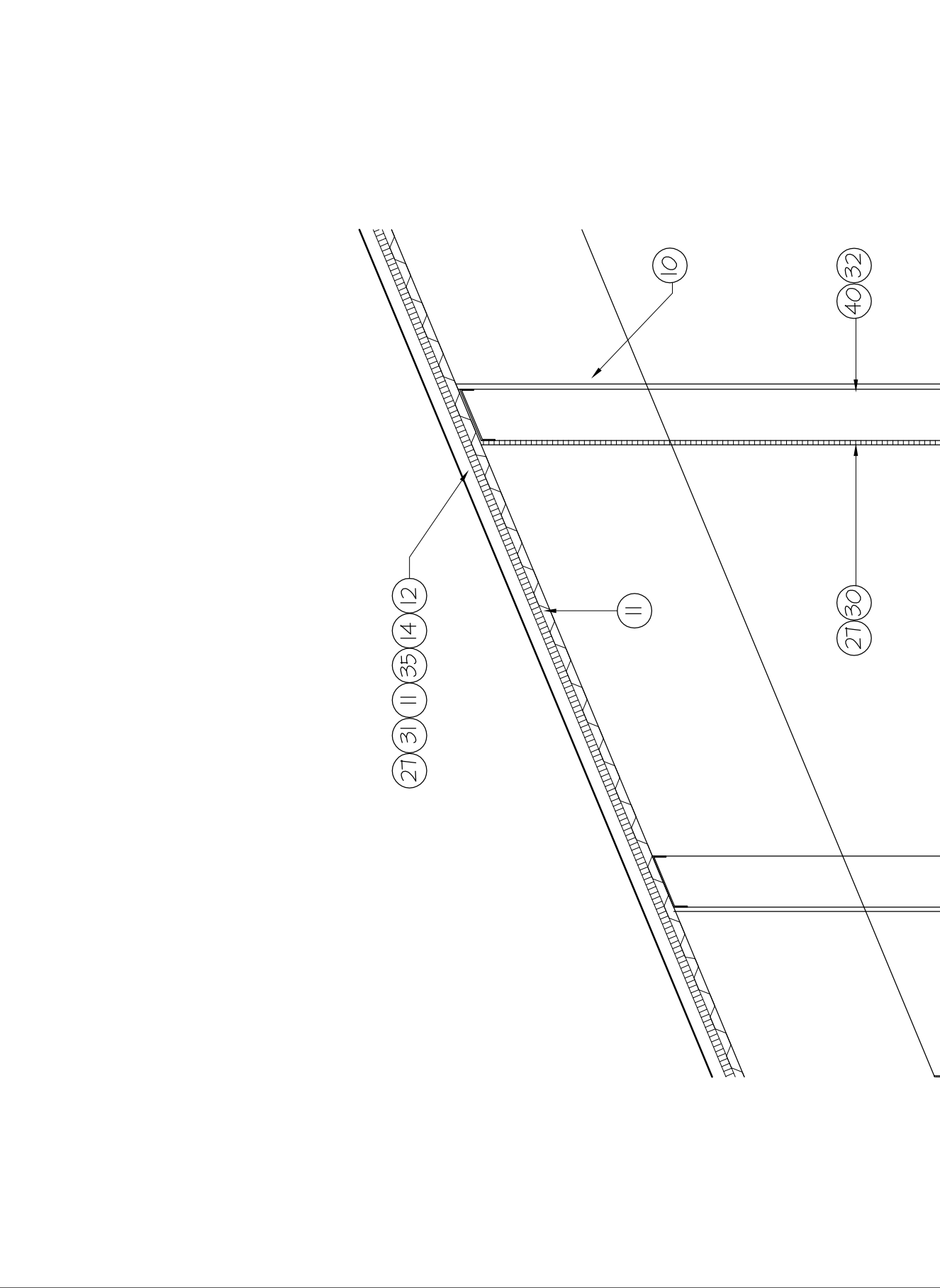
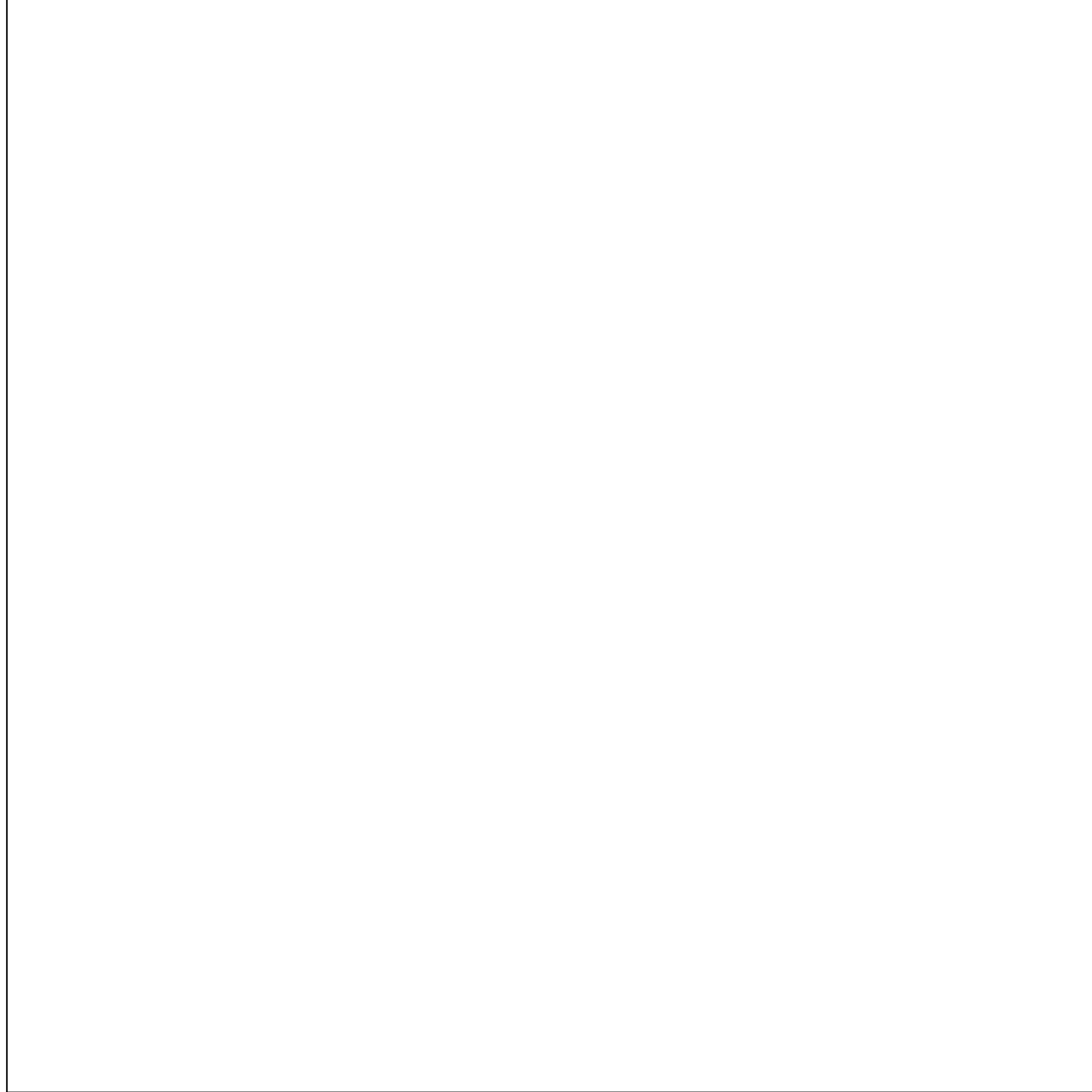
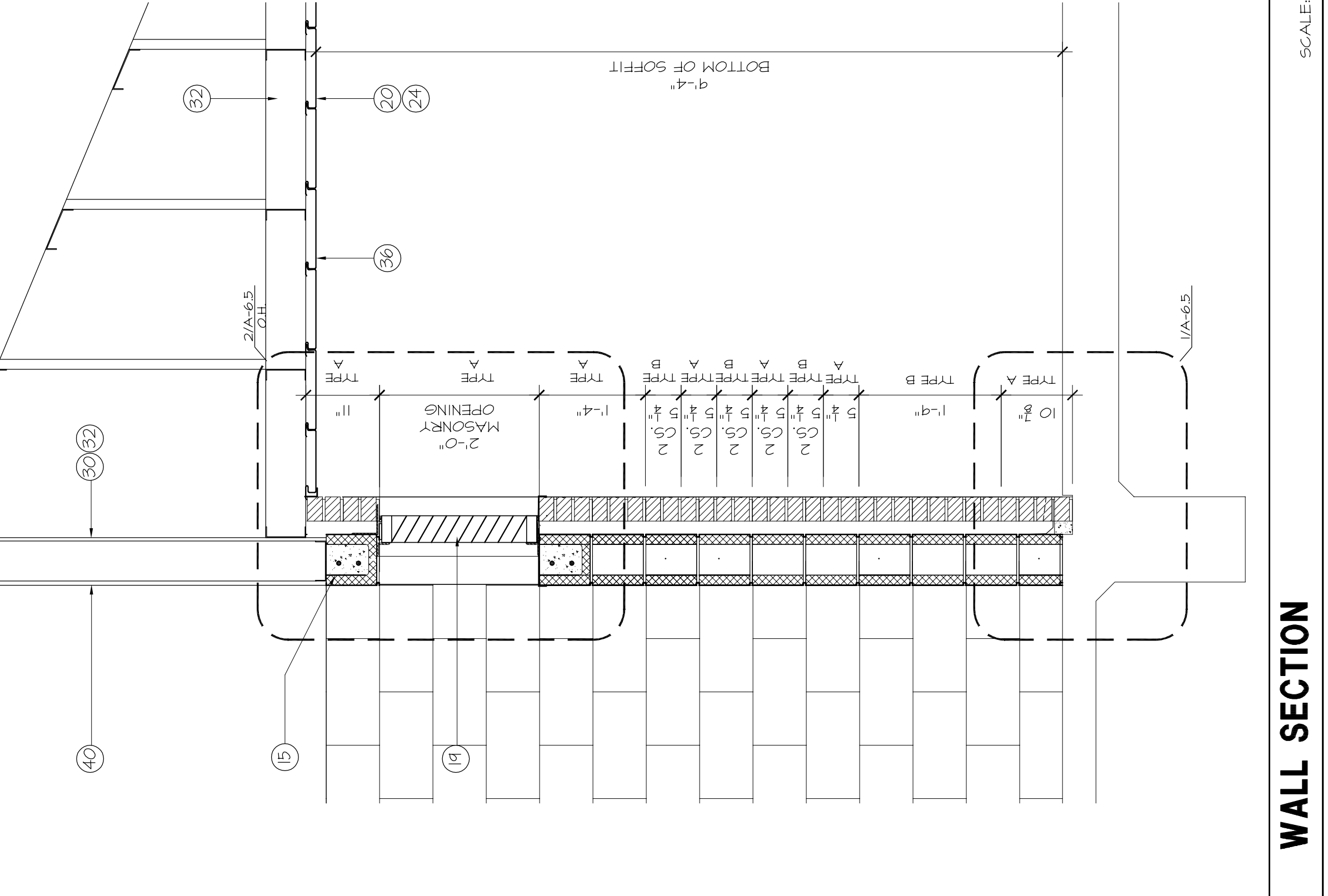
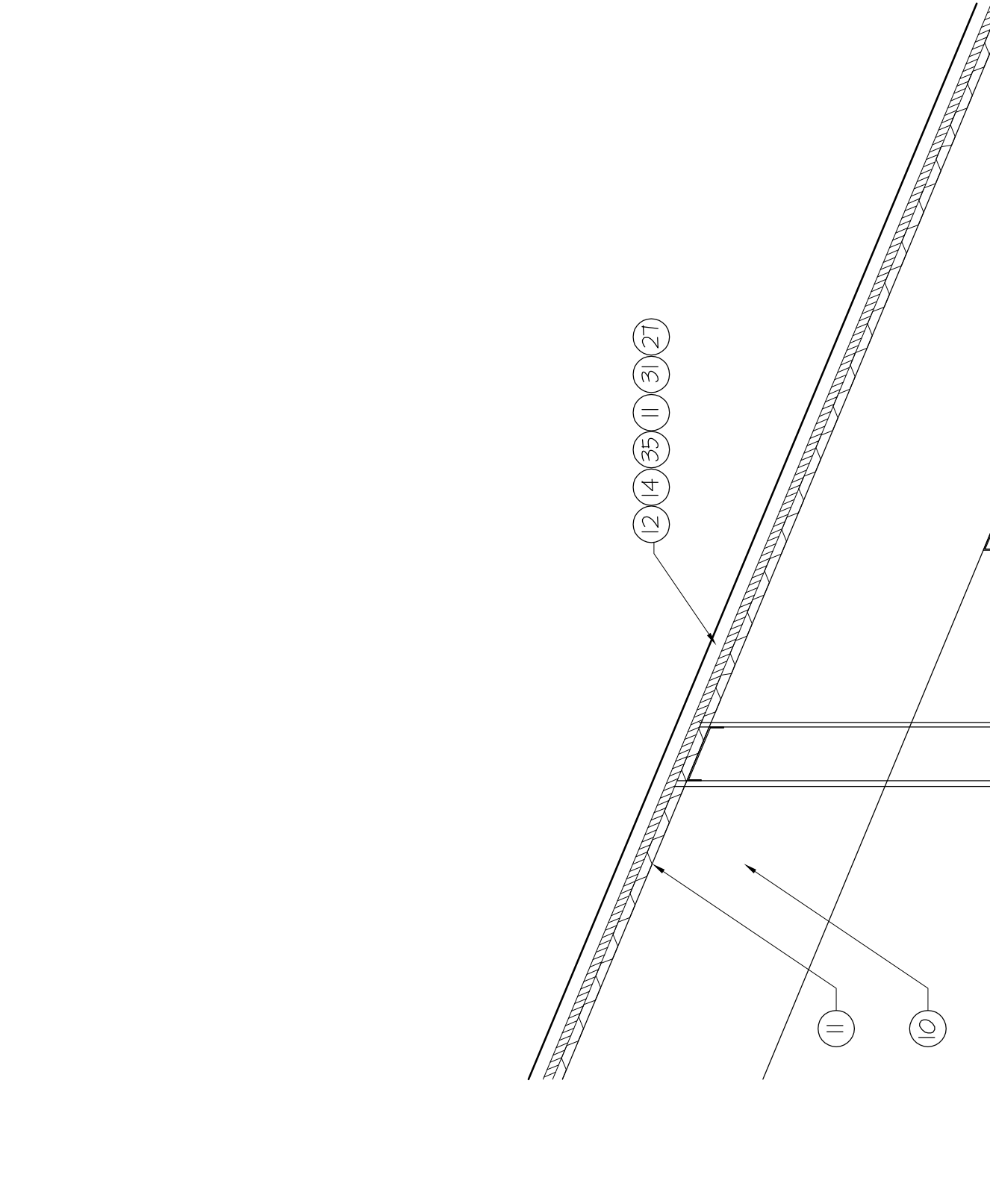
- 41 DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR DIMENSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
- 42 GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
- 43 ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
- 44 ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL UNLESS NOTED OTHERWISE.
- 45 ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
- 46 DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
- 47 CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
- 48 ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- 49 REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
- 50 REFER TO SHEET A-100 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
- 51 REFER TO SHEET A-90 FOR PARTITION TYPES
- 52 REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
- 53 REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
- 54 CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

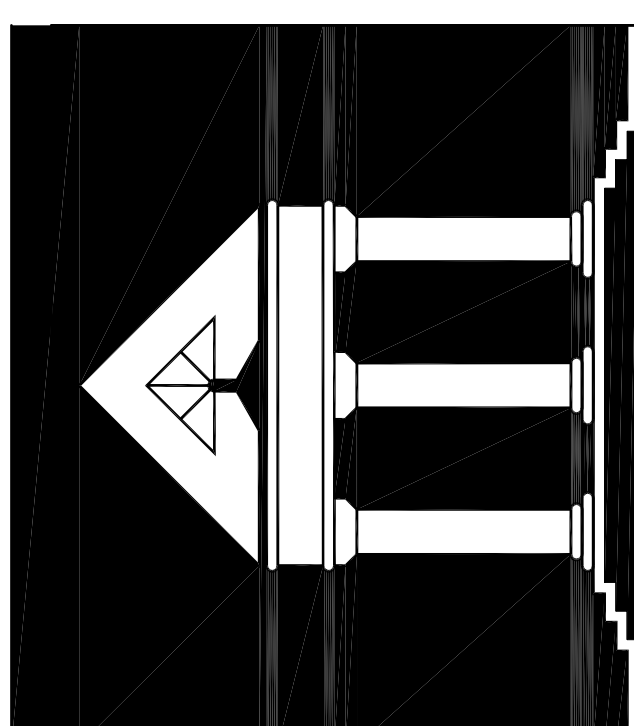
NOTES TO DRAWINGS

TYPE A	BRICK VENEER COLOR: MARRIOTT'S BRICK COLOR: OLD MANLOROUGH
TYPE B	BRICK VENEER ACCENT PRODUCT: ACME BRICK COLOR: BLEND 30 DOVE GRAY

LEGEND

- 1 DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR DIMENSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
- 2 GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
- 3 ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
- 4 ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL UNLESS NOTED OTHERWISE.
- 5 ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
- 6 DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
- 7 CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
- 8 ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- 9 REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
- 10 REFER TO SHEET A-100 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
- 11 REFER TO SHEET A-90 FOR PARTITION TYPES
- 12 REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
- 13 REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
- 14 CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.



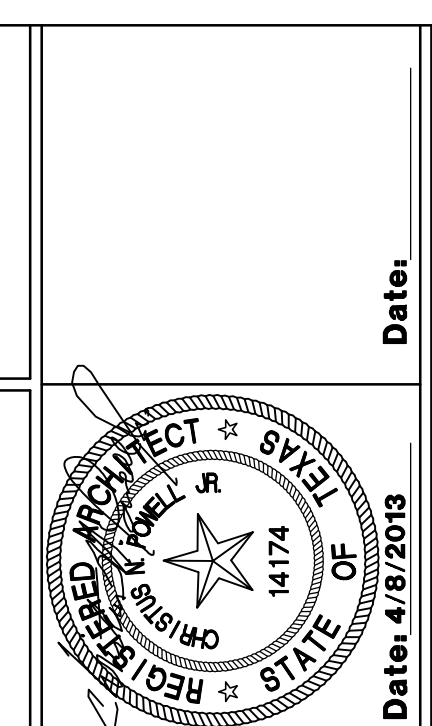


**ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT**

ARCHI•TECHNICS/3, INC.

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/868-0088 FAX 713/488-2613

HCC SOUTHWEST CAMPUS
RECREATIONAL COMPLEX
5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date: 4/9/2013
ISSUED FOR PERMIT AND BID 4/9/2013
ADDENDUM #3 5 / 28 / 2013

SHEET CONTENTS
WALL SECTIONS

A-6.2 OF 09550
DATE: DRAWN BY: CHECKED BY: FILE NO.

- 1 MODULAR BRICK
- 2 6" x 8" x 16" CONCRETE MASONRY UNITS
- 3 SOLID GROUT FILLED
- 4 HORIZONTAL STEEL REBAR REINFORCEMENT
- 5 VERTICAL STEEL REBAR REINFORCEMENT
- 6 SCHEDULED DOOR FRAME
- 7 SCHEDULED DOOR
- 8 SCHEDULED STOREFRONT SYSTEM
- 9 STEEL COLUMN, REFER TO STRUCTURAL DRAWINGS
- 10 STEEL BEAM, REFER TO STRUCTURAL DRAWINGS
- 11 METAL DECKING
- 12 BATTEN SEAM METAL ROOF, KYMAR 500 FINISH
- 13 RIDGE VENT, KYMAR 500 FINISH
- 14 2" RIGID INSULATION
- 15 6"x 6"x 1/2" C.M.U. BOND BEAM
- 16 HORIZONTAL MASONRY REINFORCEMENT WITH ADJUSTABLE BRICK TIES
- 17 CONTINUOUS BACKER ROD AND SEALANT, SHM AS NECESSARY
- 18 SCHEDULED METAL THRESHOLD SET SOLID IN MASONRY
- 19 SCHEDULED LOUVER VENT
- 20 PERFORATED FLAT METAL PANEL SOFFIT, MSCI ARTISAN LIR OR EQUAL
- 21 CONTROL JOINT
- 22 3" WIDE METAL SOFFIT VENT CONTI.
- 23 1/2" THICK EXTERIOR GRADE PLYWOOD
- 24 CONTINUE METAL TRIM
- 25 OVERHEAD ROLLING DOOR
- 26 GRADE MFG OR EQUAL ICE AND WATER SHIELD MEMBRANE OVER ENTIRE BOARD INSULATION AT ROOF AND ROOF PASCIA AREA.
- 27 STEEL ANGLE REFER TO STRUCTURAL DRAWINGS
- 28 3 5/8" METAL STUDS
- 29 1/2" THICK SHEATHING
- 30 VAPOR RETARDER BUILDING WRAP, TYVEK MFG OR EQUAL, COMMERCIAL BUILDING WRAP
- 31 6" METAL STUDS (HEAVY GAUGE)
- 32 OVERHEAD ROLLING GRILLE
- 33 CONTINUOUS DAMPROOFING APPLIED TO EXTERIOR FACE OF CMU
- 34 VAPOR BARRIER APPLIED TO ROOF DECK AS SPECIFIED
- 35 SCHEDULED LIGHT FIXTURE
- 36 SPECIFIED TOILET FIXTURE
- 37 R-19 BATT - INSULATION INSTALLED PER SPEC.
- 38 SPECIFIED TOILET ACCESSORY
- 39 MOISTURE AND IMPACT RESISTANT 5/8" GYPSUM BOARD
- 40 CONTINUOUS METAL GUTTER WITH DOWNSPOUT.

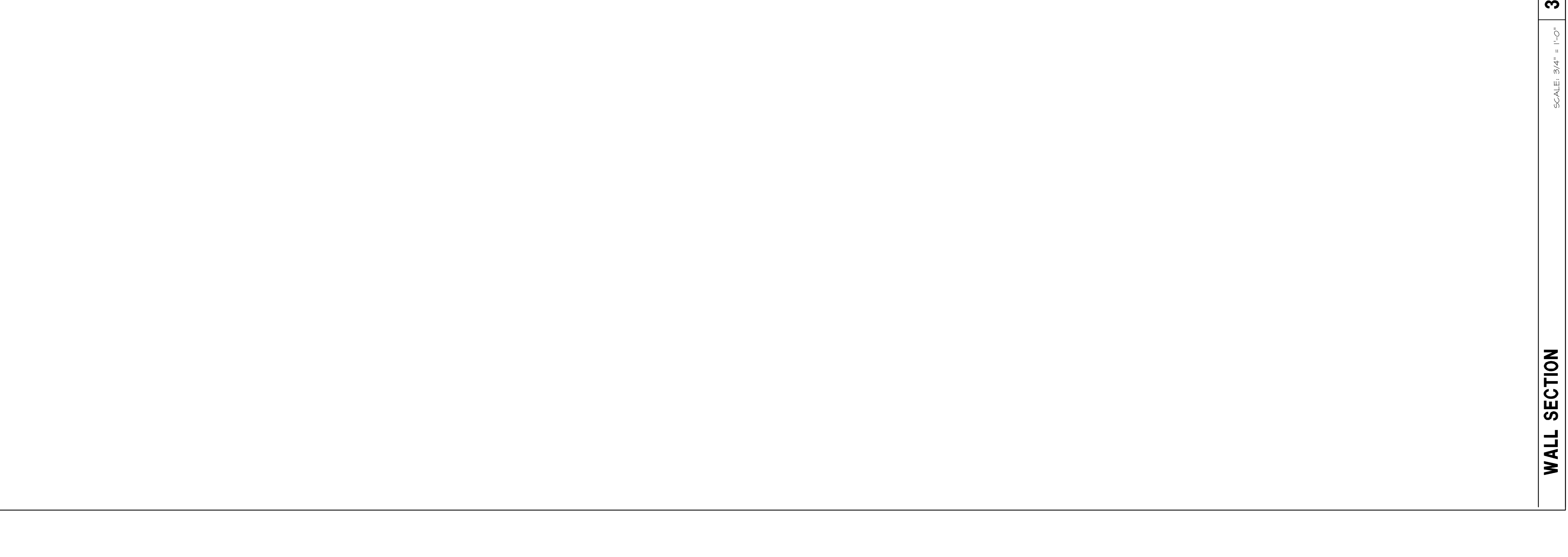
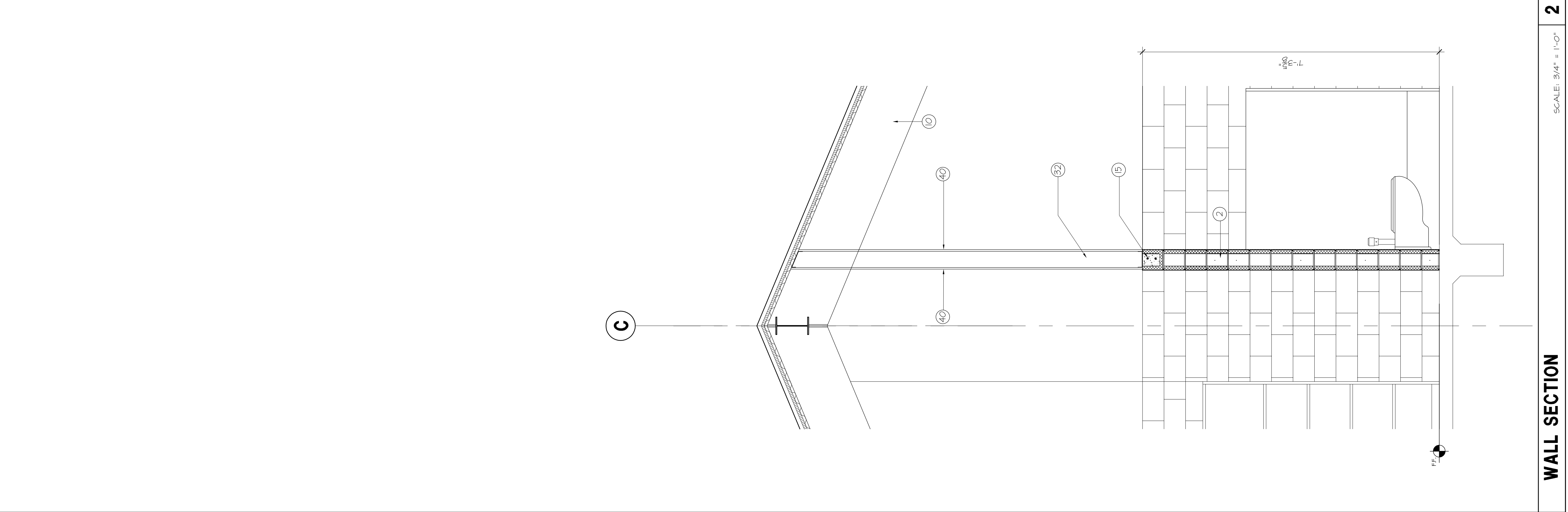
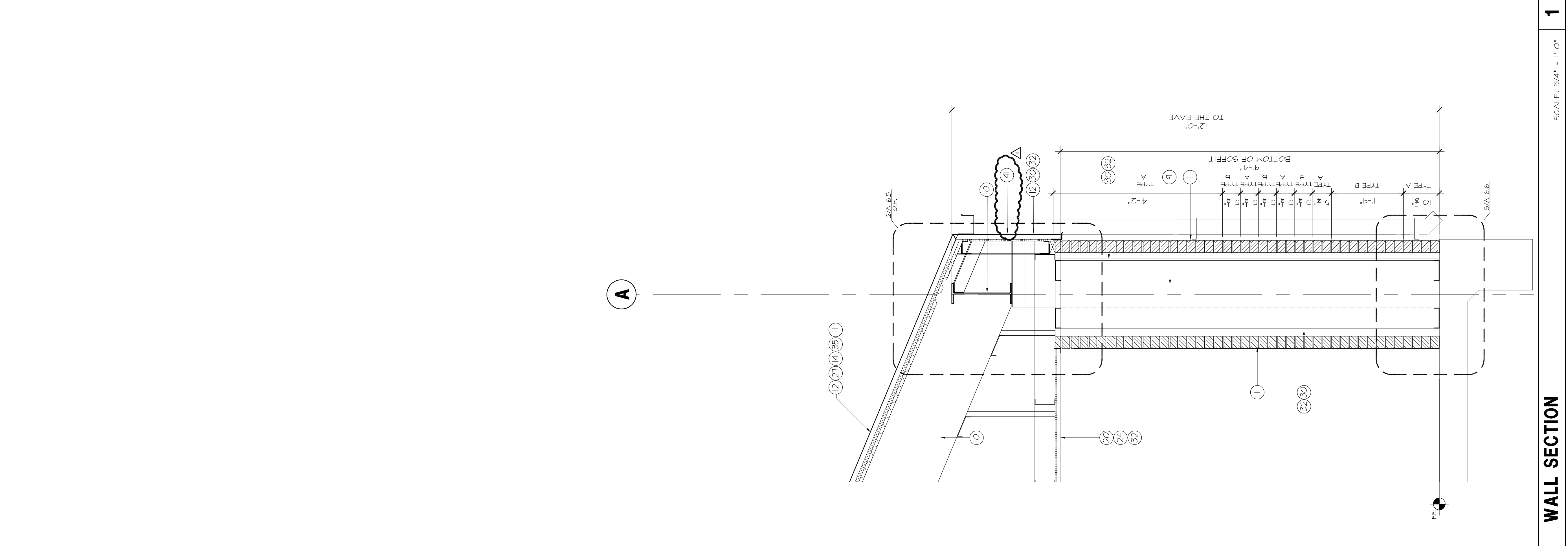
NOTES TO DRAWINGS

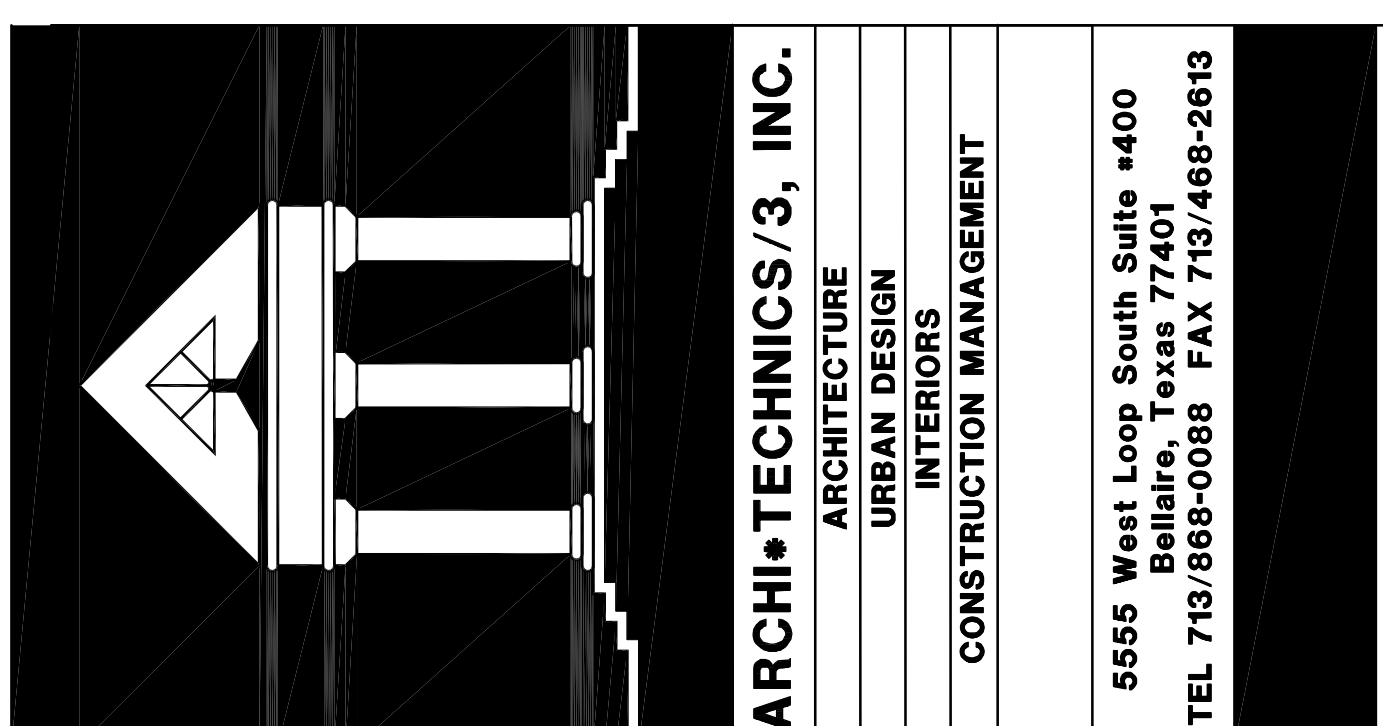
- TYPE A**
BRICK VENEER
PRODUCT: ACME BRICK
COLOR: OLD MANLOROUGH
- TYPE B**
BRICK VENEER ACCENT
PRODUCT: ACME BRICK
COLOR: BLEND 30 DOVE GRAY

LEGEND

1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR DIMENSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
10. REFER TO SHEET A-100 FOR WINDOW AND LOUVER SCHEDULE INFORMATION
11. REFER TO SHEET A-90 FOR PARTITION TYPES
12. REFER TO SHEET A-100 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
13. REFER TO G-03 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.

GENERAL NOTES





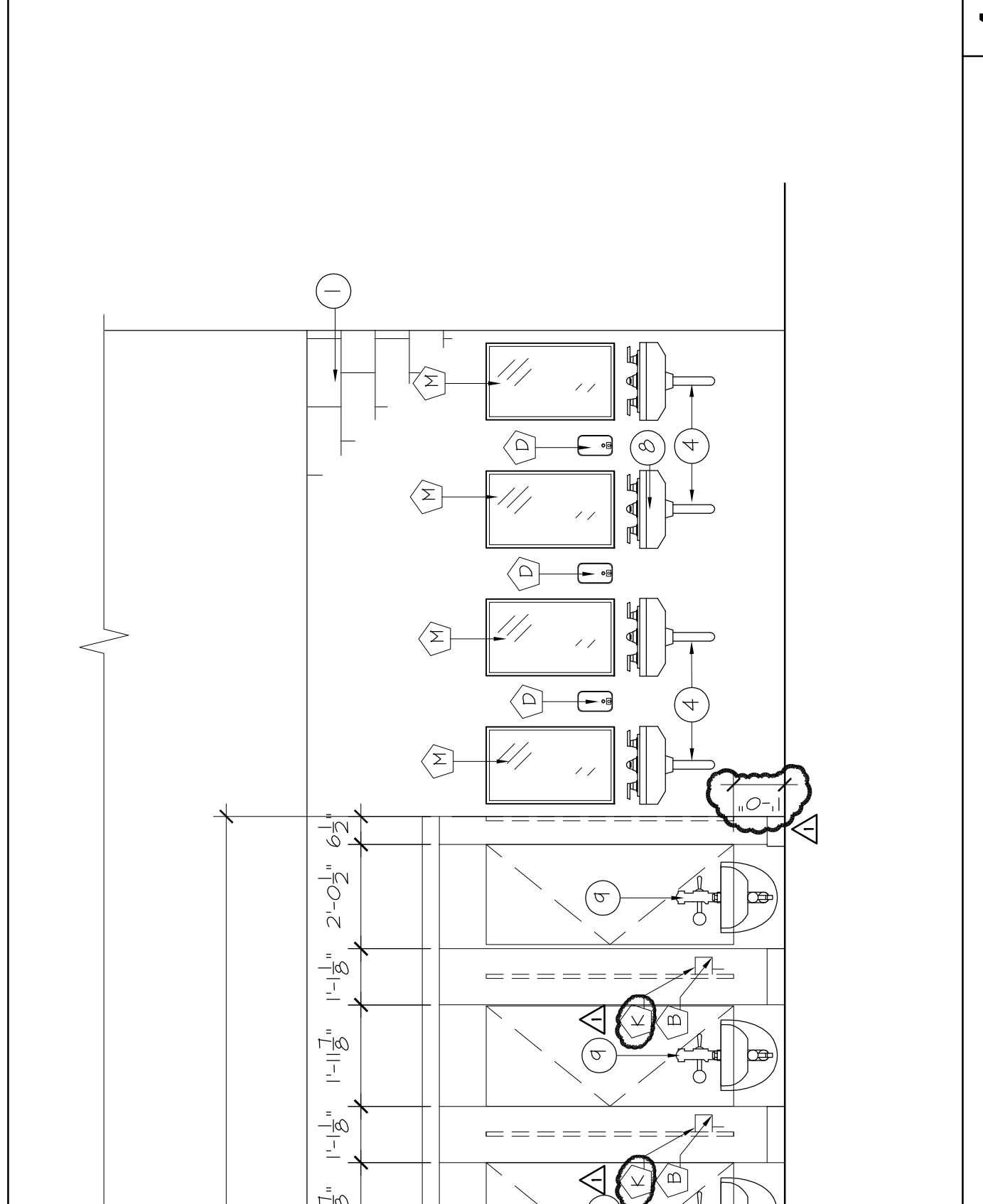
**ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT**

ARCHITECTS/PLANNERS/ENGINEERS

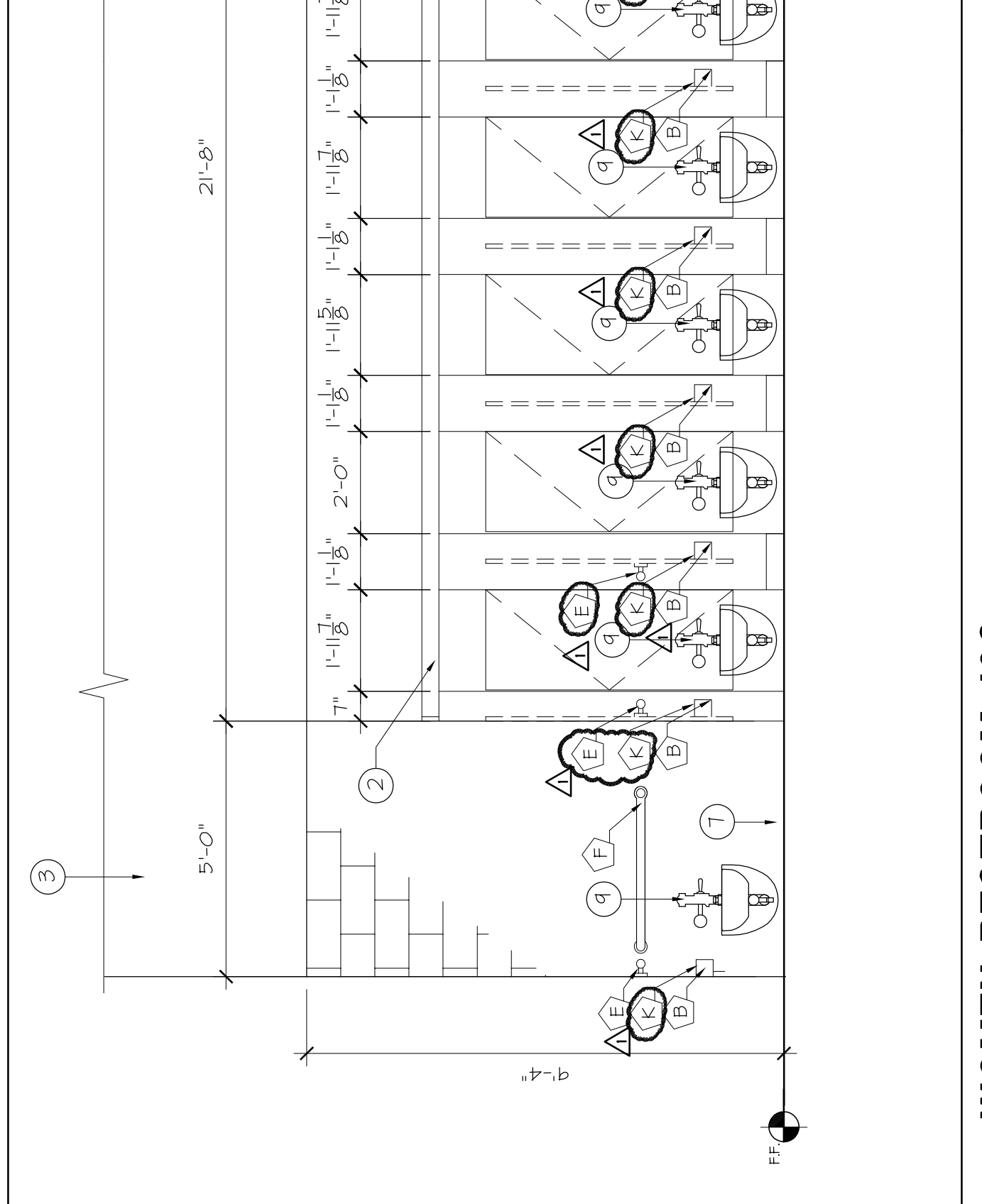
ARCHI•TECHNICS/3, INC.

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/868-0088 FAX 713/488-2613

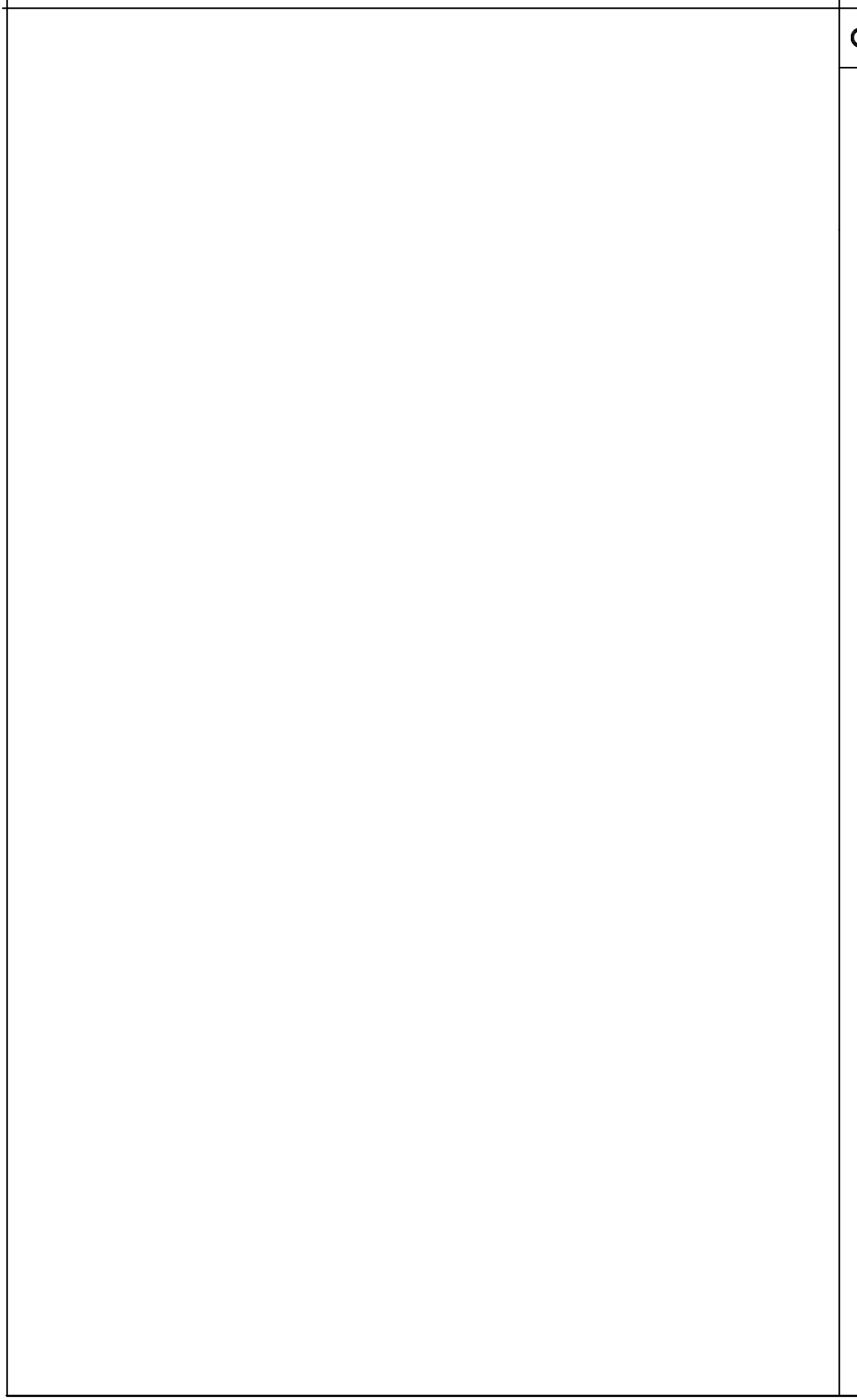
- 1 PAINTED CONCRETE MASONRY UNITS
- 2 SPECIFIED TOILET COMPARTMENTS
- 3 PAINTED MOISTURE AND HIGH IMPACT RESISTANT GYPSUM BOARD
- 4 INSULATED EXPOSED PIPING
- 5 PAINT SCHEDULED DOOR AND DOOR FRAME
- 6 PAINT EXPOSED STRUCTURAL METAL DECKING AND ALL EXPOSED STRUCTURAL ELEMENTS SCHEDULED BASE
- 7 LAVATORY, REFER TO M.E.P. DRAWINGS
- 8 WATER CLOSET, REFER TO M.E.P. DRAWINGS
- 9 SCHEDULED DOOR AND FRAME
- 10 DRINKING FOUNTAIN, REFER TO M.E.P. DRAWINGS
- 11 URINAL, REFER TO M.E.P. DRAWINGS
- 12 SCHEDULED STOREFRONT SYSTEM
- 13 HEAVY DUTY METAL SHELVES 12"
- 14 3/4" MEDIUM DENSITY FIBER BOARD HIGH PRESSURE LAMINATE/ SLATWALL SYSTEM WITH T EXTRUDED ALUMINUM CHANNEL INSERTS, SLATWALL SHELVING BRACKETS AND SHELVES.
- 15 SCHEDULED LOUVER VENT



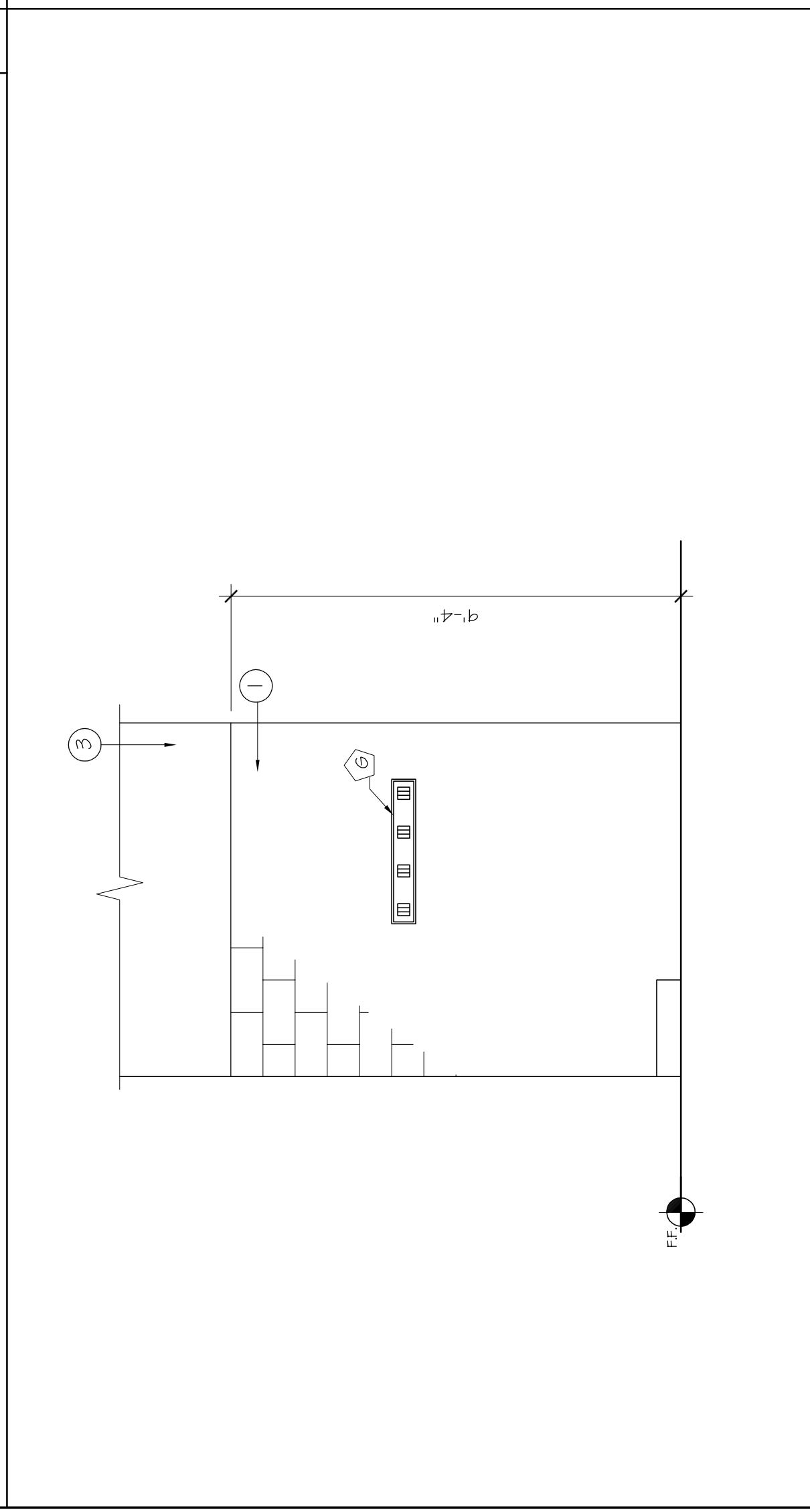
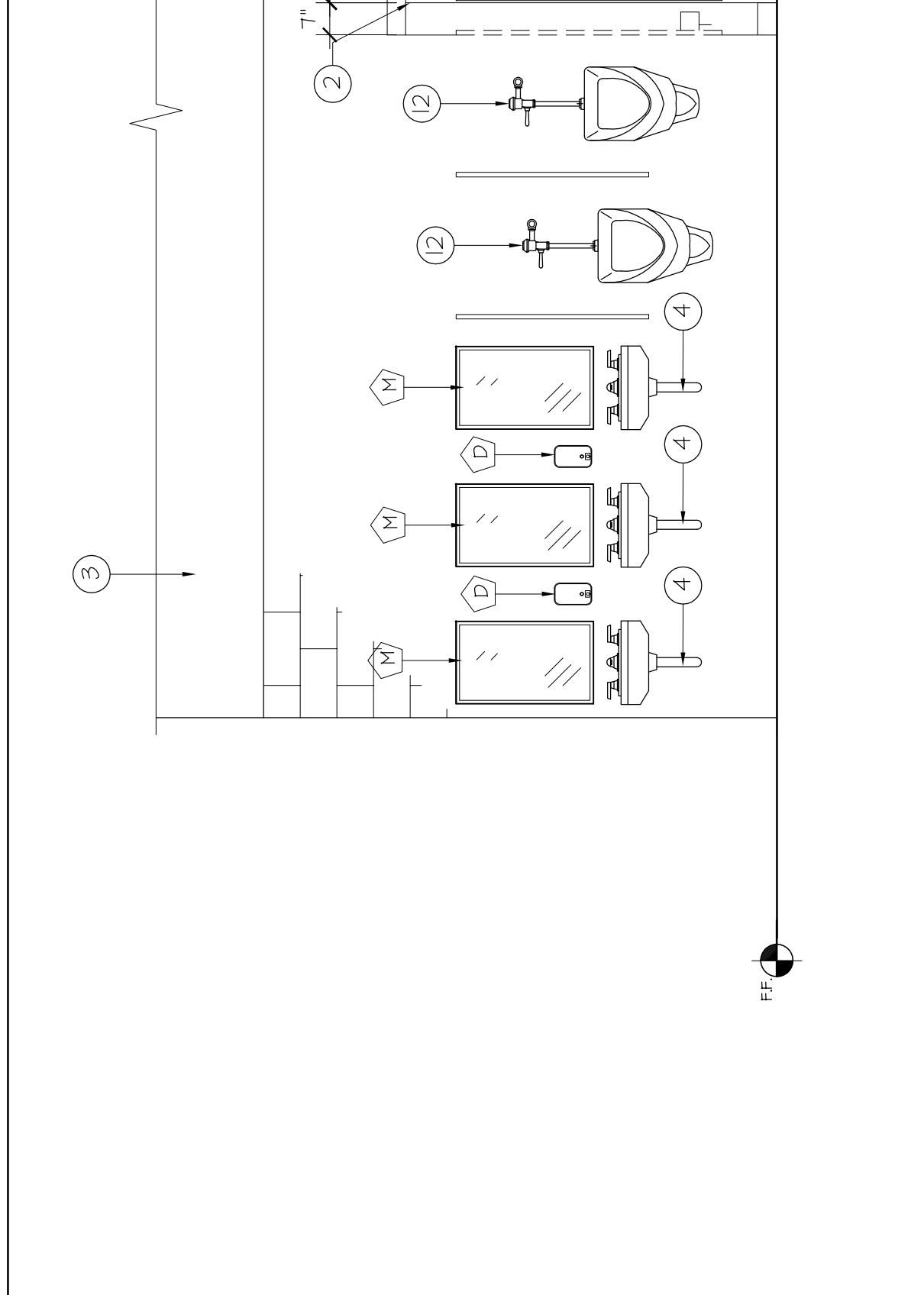
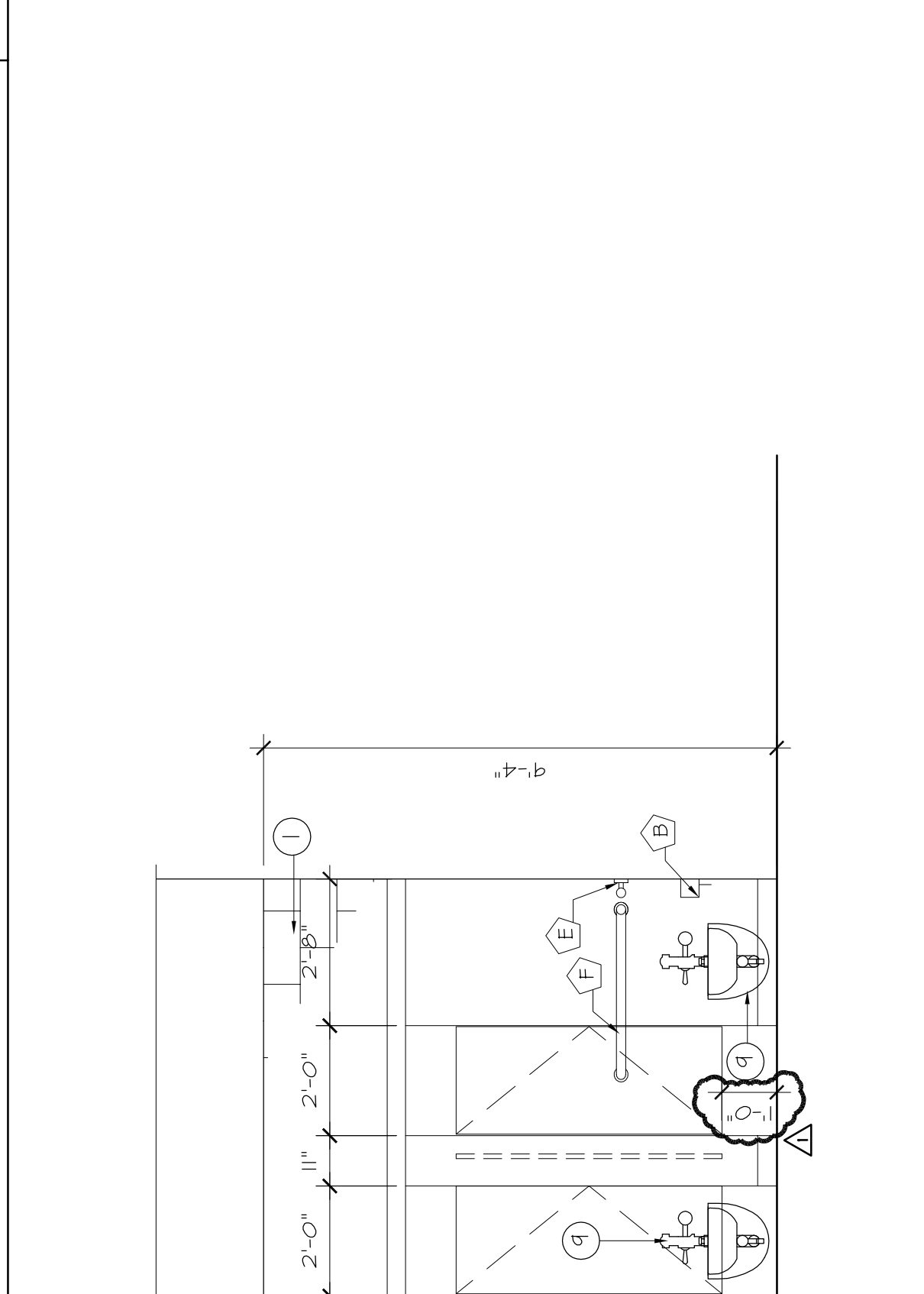
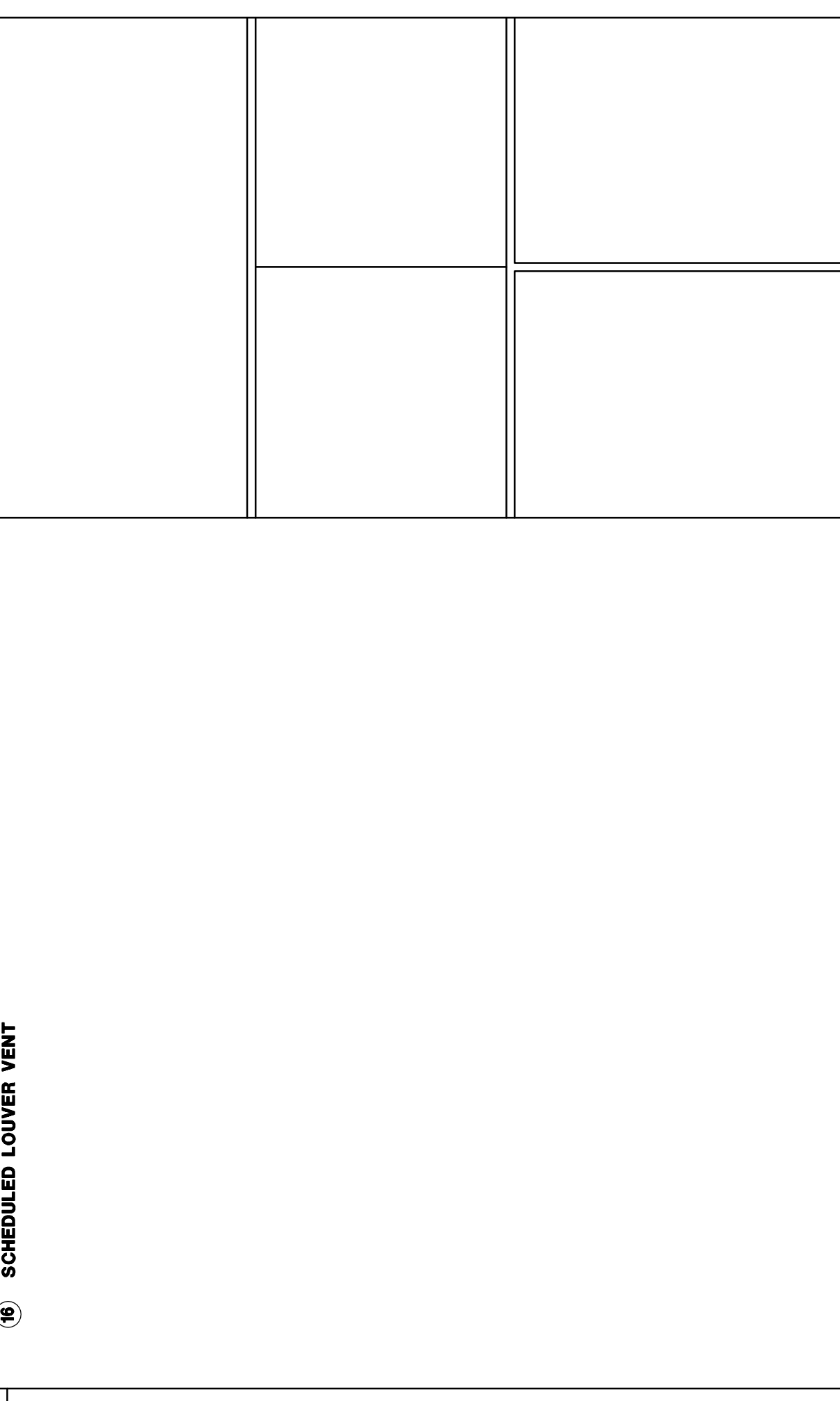
4 WOMEN RESTROOM 103
SCALE: 3/8" = 1'-0"



3 MEN RESTROOM 102
SCALE: 3/8" = 1'-0"

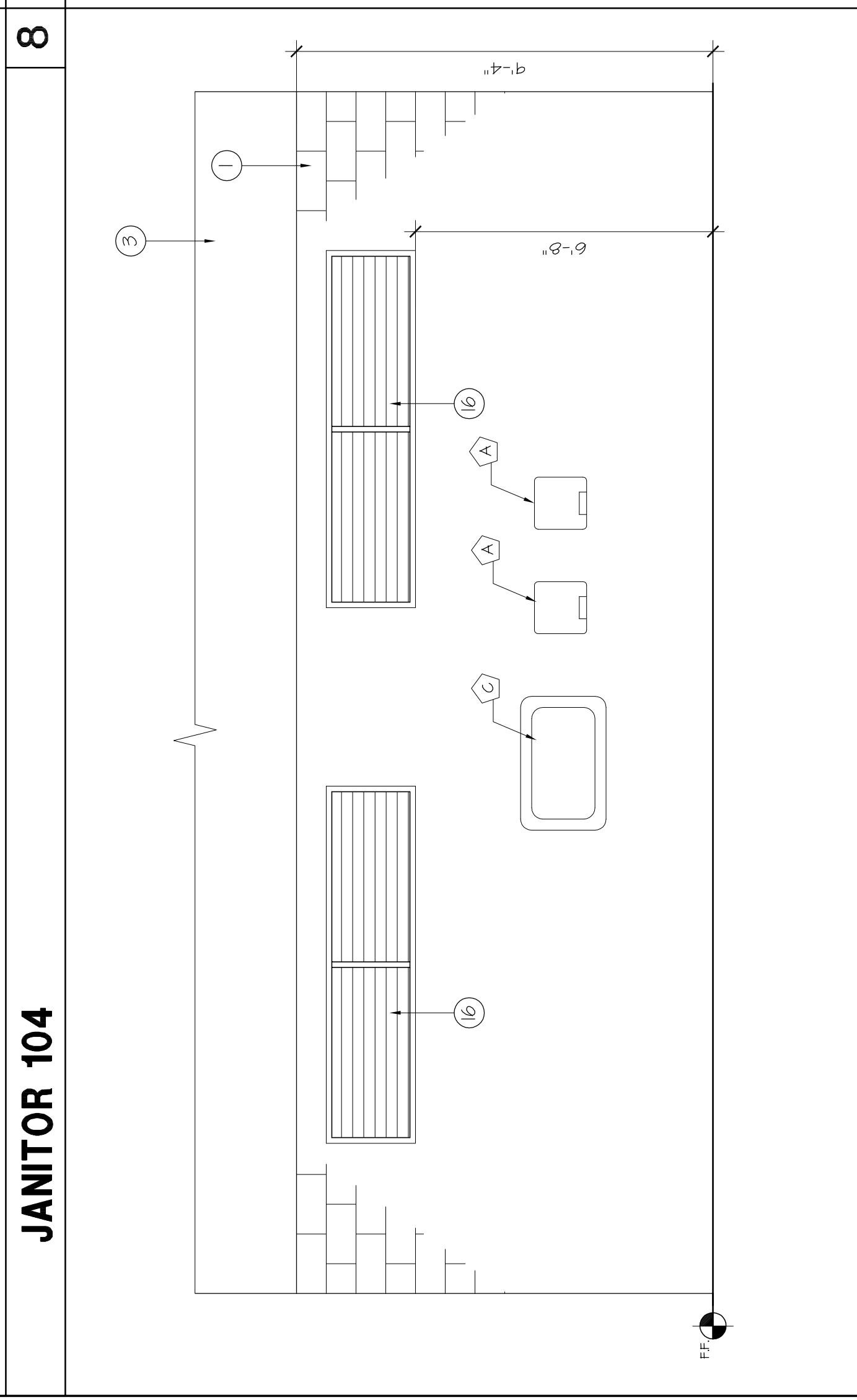
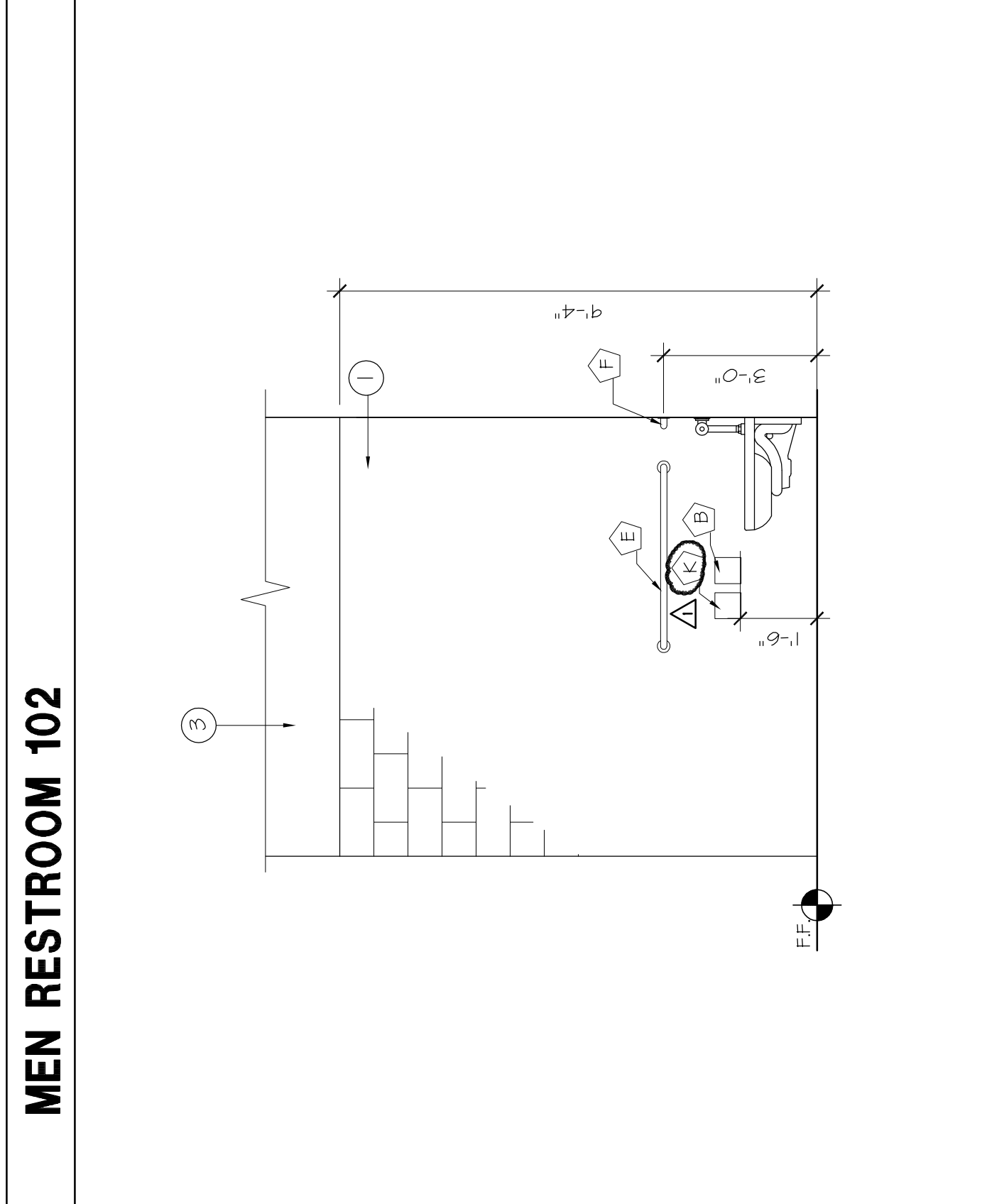
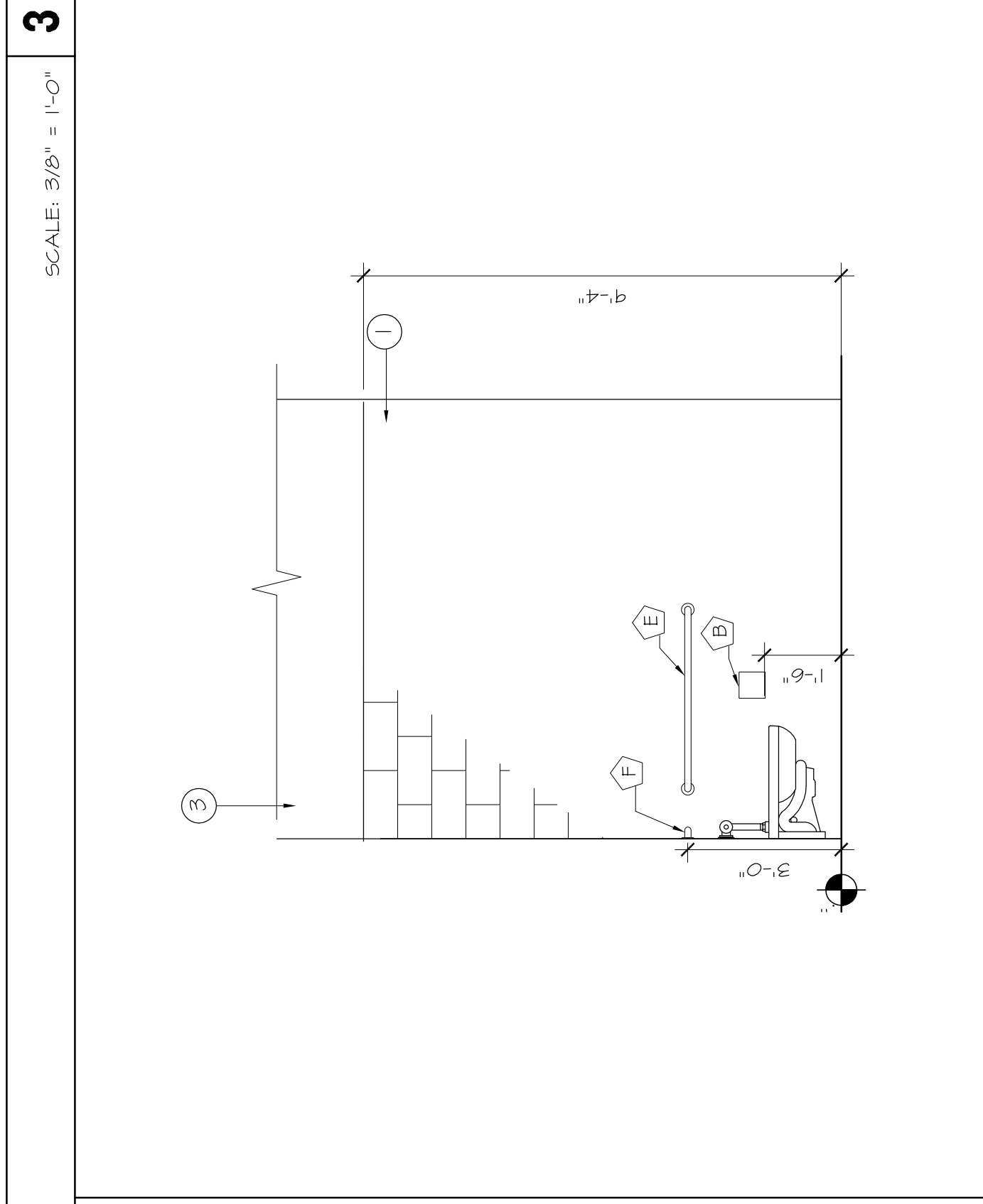


8 JANITOR 104
SCALE: 3/8" = 1'-0"



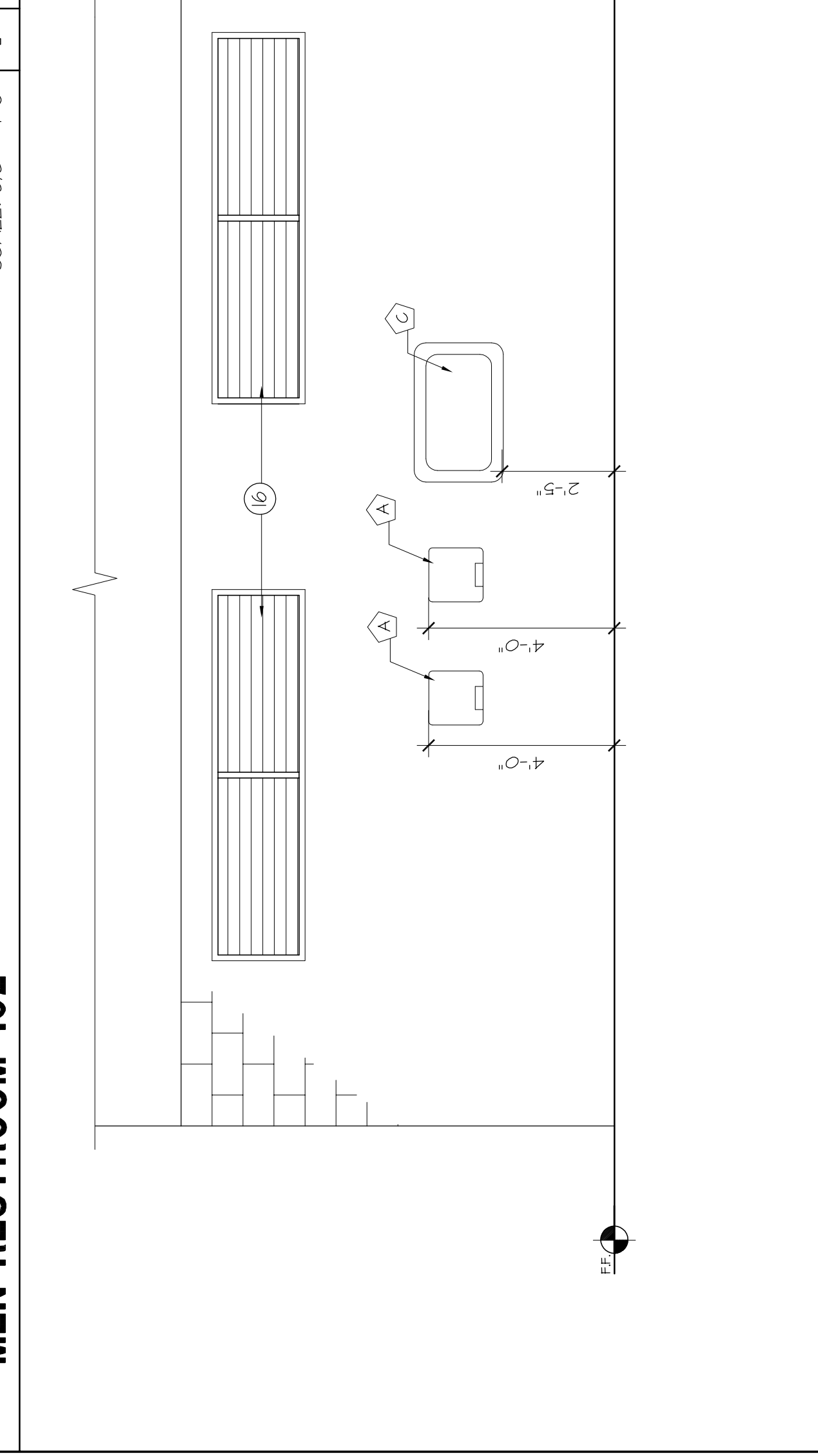
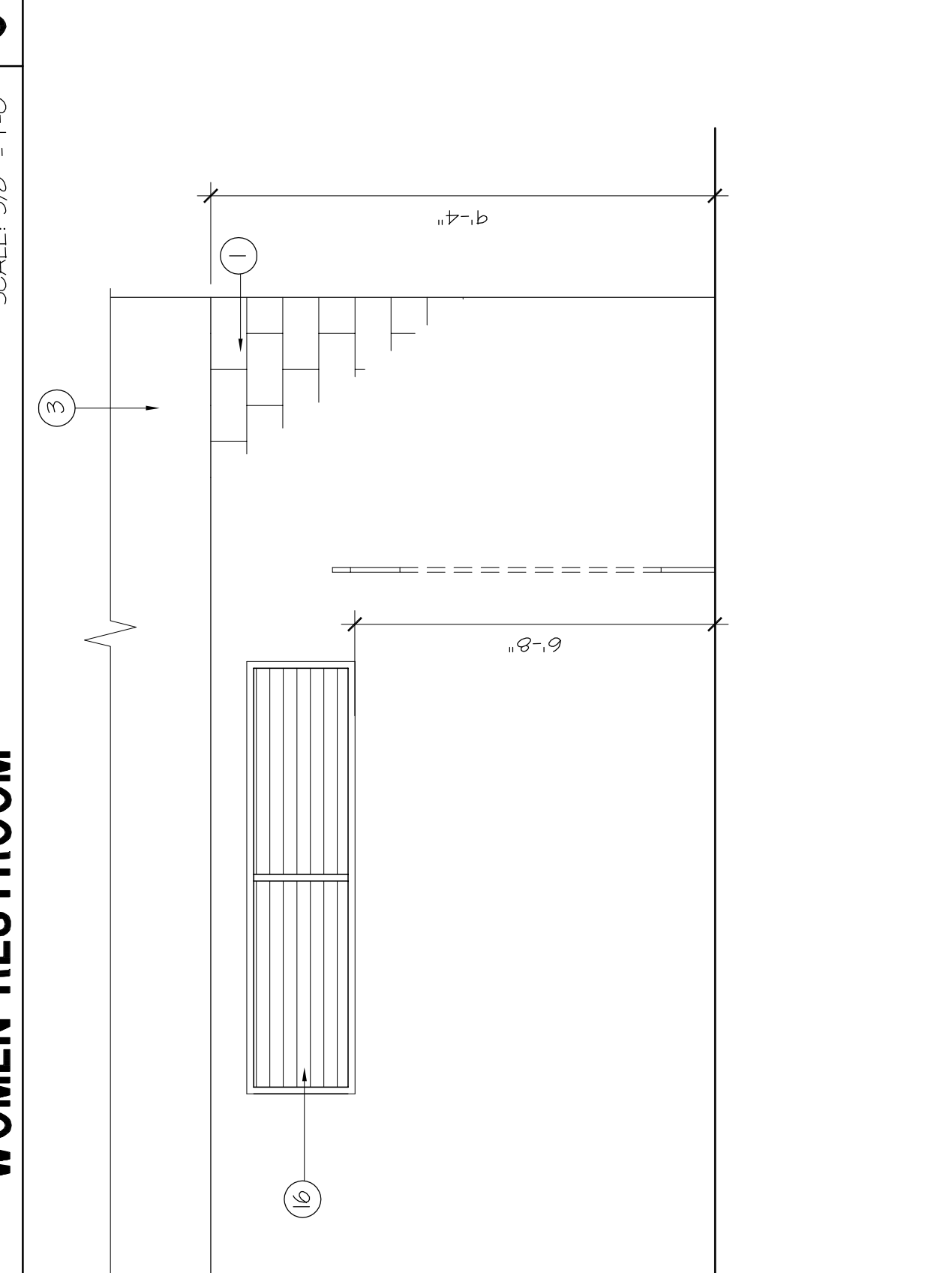
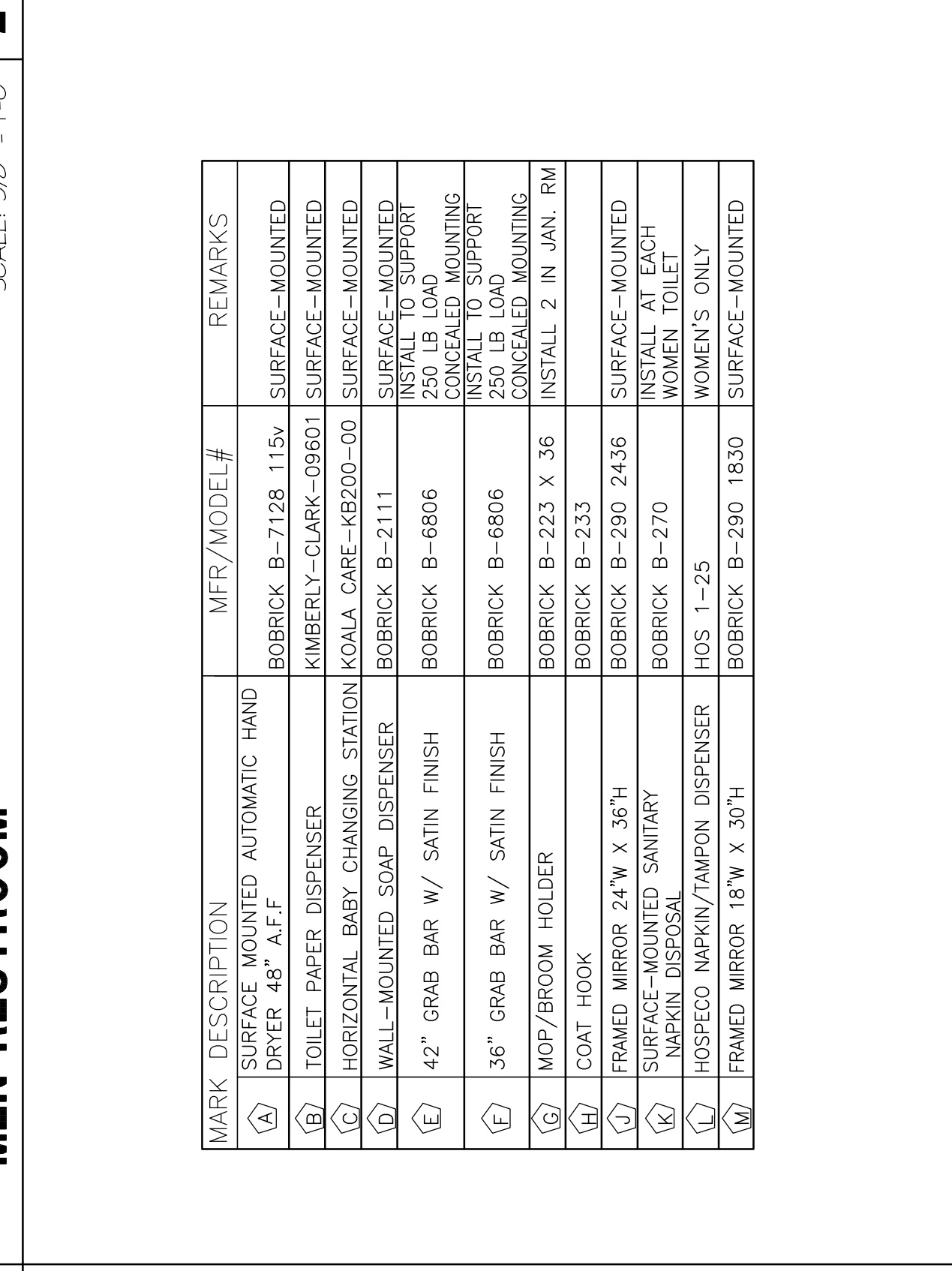
NOTES TO DRAWINGS

- 1. DO NOT SCALE DRAWINGS. CONTRACTOR TO REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO START WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION.
- 2. GRID LINES ARE TO CENTERLINE OF STRUCTURAL COLUMN UNLESS NOTED OTHERWISE.
- 3. ALL CONSTRUCTION SHALL COMPLY WITH ALL BUILDING CODES AND REQUIREMENTS HAVING JURISDICTION OVER THIS PROJECT.
- 4. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- 5. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY UNLESS NOTED OTHERWISE.
- 6. DIMENSIONS FOR ELEVATIONS, SECTIONS AND DETAILS ARE CALLED OUT FROM TOP OF SLAB.
- 7. CONTRACTOR TO PROVIDE WOOD BLOCKING FOR ALL MILLWORK AND ANY WALL HUNG COUNTERS, SHELVING AND PLUMBING FIXTURES. ALL WOOD BLOCKING TO BE FIRE RESISTANT.
- 8. ALL FINISH WORK TO BE SMOOTH AND FREE FROM ABRASIONS. ALL SPECIFIED FINISHES SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- 9. REFER TO SHEET A-110 FOR DOOR SCHEDULE INFORMATION
- 10. REFER TO SHEET A-12.0 FOR WINDOW SCHEDULE INFORMATION
- 11. REFER TO SHEET A-9.0 FOR PARTITION TYPES
- 12. REFER TO SHEET A-10.0 FINISH SCHEDULE AND PLANS FOR ALL FINISHES UNLESS OTHERWISE NOTICED.
- 13. REFER TO G-0-3 FOR ACCESSIBLE MOUNTING HEIGHTS FOR PLUMBING FIXTURES AND TOILET ACCESSORIES.
- 14. CONTRACTOR TO REFER TO STRUCTURAL DRAWINGS FOR DETAILS RELATED TO THE FOUNDATION AND STRUCTURAL SUPPORT OF WORK.



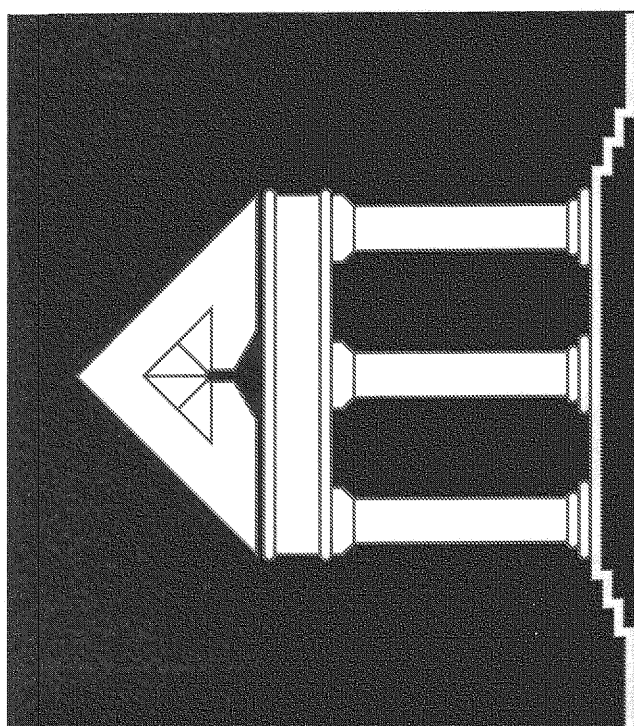
TOILET ACCESSORIES SCHEDULE

MARK	DESCRIPTION	MFR/MODEL#	REMARKS
(A)	SURFACE MOUNTED AUTOMATIC HAND DRYER 48" A.F.F	BOBRICK B-7128 115v	SURFACE-MOUNTED
(B)	TOILET PAPER DISPENSER	KIMBERLY-CLARK-09801	SURFACE-MOUNTED
(C)	HORIZONTAL BABY CHANGING STATION	KOALA CARE-KE200-100	SURFACE-MOUNTED
(D)	WALL-MOUNTED SOAP DISPENSER	BOBRICK B-2111	SURFACE-MOUNTED INSTALL TO SUPPORT
(E)	42" GRAB BAR W/ SATIN FINISH	BOBRICK B-6806	250 LB LOAD INSTALL TO SUPPORT
(F)	36" GRAB BAR W/ SATIN FINISH	BOBRICK B-6806	250 LB LOAD CONDENSED MOUNTING
(G)	MOP/BROOM HOLDER	BOBRICK B-223 X 36	INSTALL 2 IN. JAN. RM
(H)	COAT HOOK	BOBRICK B-235	SURFACE-MOUNTED
(I)	FRAMED MIRROR 24"W X 36"H	BOBRICK B-290 2436	SURFACE-MOUNTED
(J)	SHRIMP MOUNTED SANITARY WIPER	BOBRICK B-270	WOMEN'S ONLY
(K)	HOSPECO MOPKIN/TAMPON DISPENSER	HOS 1-25	WOMEN'S ONLY
(L)	FRAMED MIRROR 18"W X 30"H	BOBRICK B-290 1830	SURFACE-MOUNTED



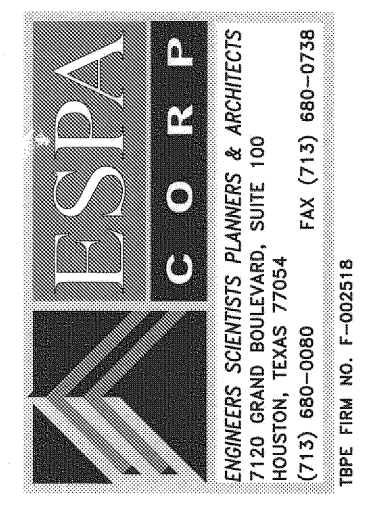
GENERAL NOTES

DATE: 7/27/2012
DRAWN BY: 3/18/2013
CHECKED BY: 4/8/2013
FILE NO.: 09250



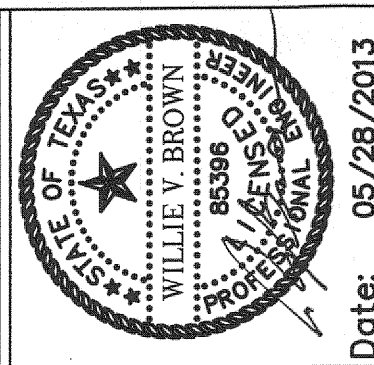
ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/868-0088 FAX 713/468-2615



ESPA
CORP
 ENGINEERS ARCHITECTS PLANNERS & INTERIORS
 HOUSTON, TEXAS 77054 FAX (713) 880-0728
 10000 WEST LOOP SOUTH SUITE 1000

RECREATIONAL COMPLEX
 HCC SOUTHWEST CAMPUS
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



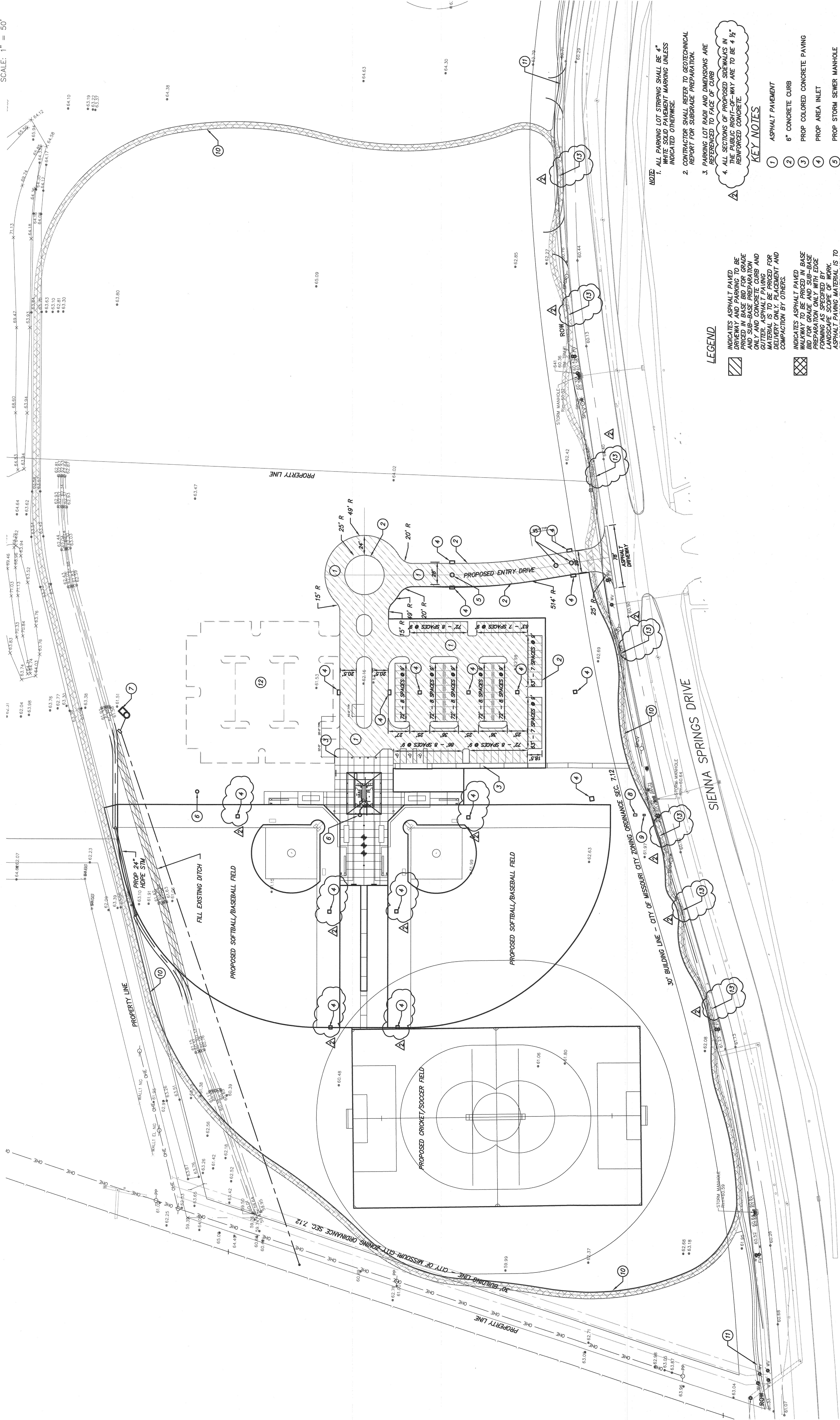
Date: 05/28/2013
 Date: 04/09/2013
 ISSUED FOR PERMIT
 ADDENDUM #2
 ADDENDUM #3

CIVIL SITE PLAN

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

C 4.00

SCALE: 1" = 50'



LEGEND

- INDICATES ASPHALT PAVED DRIVEWAY AND PARKING TO BE PRICED IN BASE BID FOR GRADE PREPARATION ONLY WITH EDGE CUTTER, ASPHALT PAVING GUTTER, ASPHALT PAVING DELIVERY ONLY, PLACEMENT AND COMPACTION BY OTHERS.
- INDICATES ASPHALT PAVED WALKWAY TO BE PRICED IN BASE BID FOR GRADE AND SUB-BASE PREPARATION ONLY WITH EDGE PREPARATION ONLY WITH EDGE LANDSCAPE SCOPE OF WORK. ASPHALT PAVING MATERIAL IS TO BE PRICED IN BASE BID FOR PLACEMENT AND COMPACTION BY OTHERS.

KEY NOTES

- 1 ASPHALT PAVEMENT
- 2 6" CONCRETE CURB
- 3 PROP COLORED CONCRETE PAVING
- 4 PROP AREA INLET
- 5 PROP STORM SEWER MANHOLE
- 6 PROP SANITARY SEWER MANHOLE
- 7 PROP SANITARY LIFT STATION
- 8 PROP BACKFLOW PREVENTOR
- 9 PROP 2" WATER METER
- 10 PROP 8' ASPHALT TRAIL W/EDGE RESTRAINT
- 11 PROP 5' CONCRETE SIDEWALK
- 12 FUTURE PARKING
- 13 PROP 8' CONCRETE SIDEWALK

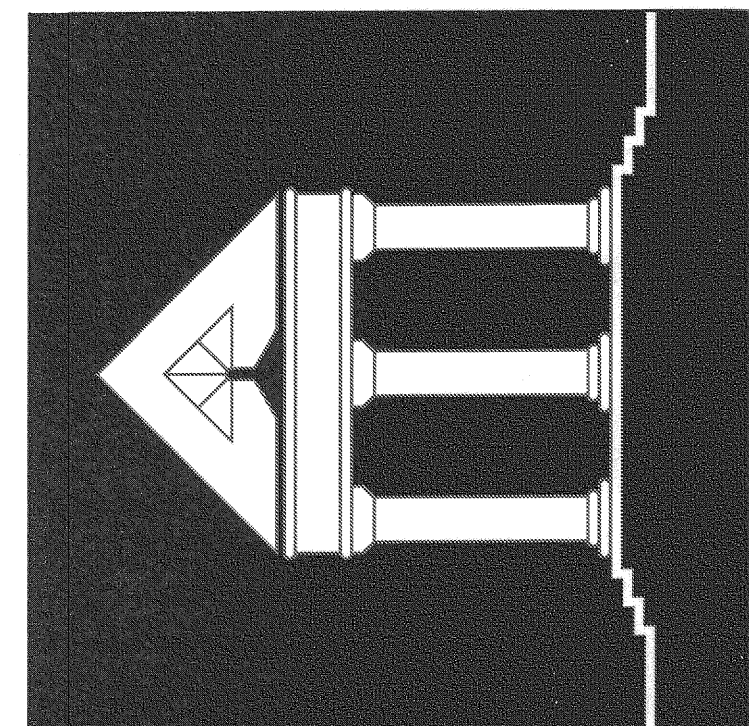
- NOTE:**
1. ALL PARKING LOT STRIPES SHALL BE 4" WHITE SOLID PAVEMENT MARKING UNLESS INDICATED OTHERWISE.
 2. CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION.
 3. PARKING LOT ROW AND DIMENSIONS ARE REFERENCED TO FACE OF CURB.
 4. ALL SECTIONS OF PROPOSED SIDEWALKS IN ASPHALT DRIVEWAY ARE TO BE 4' ± REINFORCED CONCRETE.

SIENNA SPRINGS DRIVE

30' BUILDING LINE - CITY OF MISSOURI CITY ZONING ORDINANCE SEC. 7.12

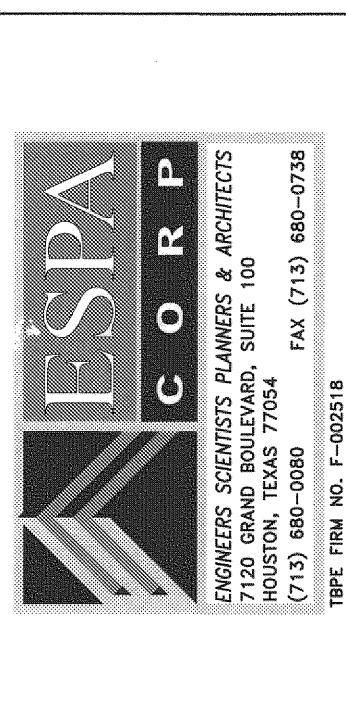
PROPERTY LINE

PROPERTY LINE



ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

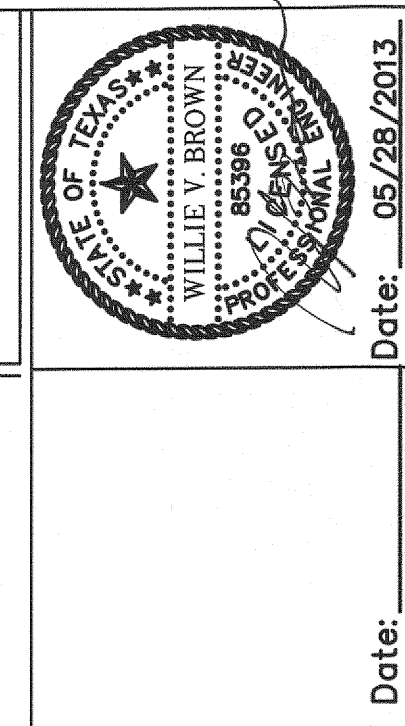
ARCHI*TECHNICS/3, INC.
 5555 West Loop, South, Suite #400
 West Loop, TX 75240
 TEL 713/868-0088 FAX 713/468-2613



ESPACORP
 MISSOURI SOUTHWEST RECREATION CENTER
 7130 GRAND BOULEVARD, SUITE 100
 MISSOURI CITY, TEXAS 77459
 (713) 962-2000 (713) 962-2128
 TWP. PLAN NO. 1-202318

RECREATIONAL COMPLEX
 HCC SOUTHWEST CAMPUS

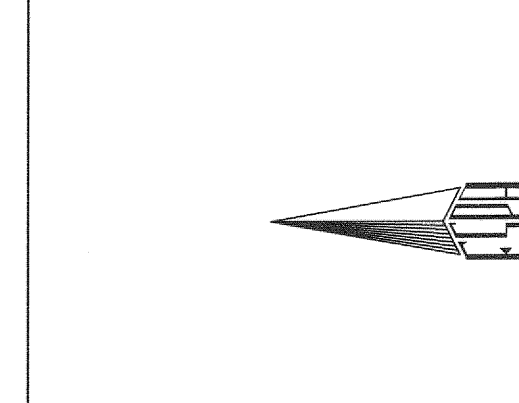
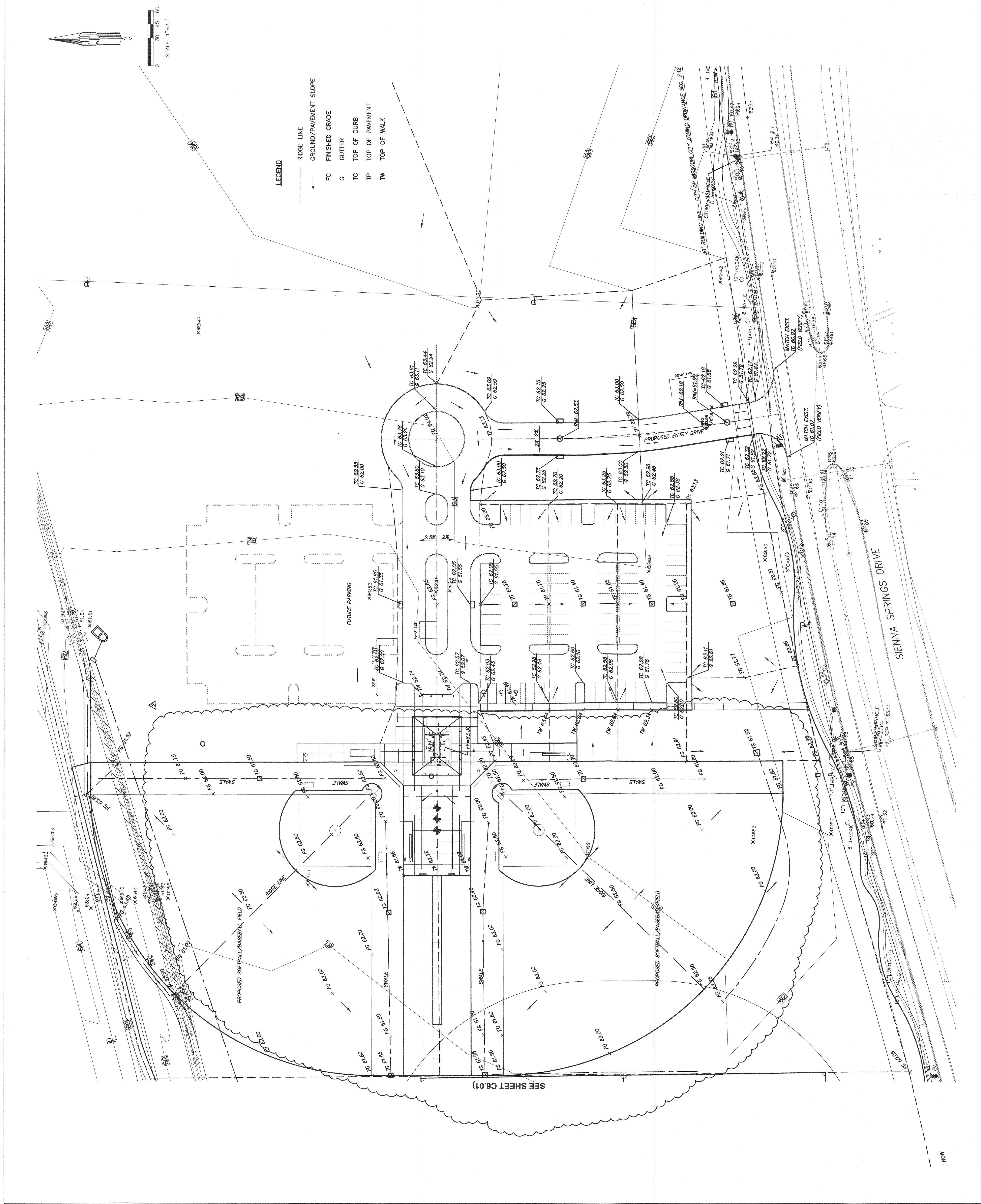
5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



Date: 05/28/2013
 ISSUED FOR PERMIT 04/09/2013
 ADDENDUM #2 05/03/2013
 ADDENDUM #3 05/29/2013

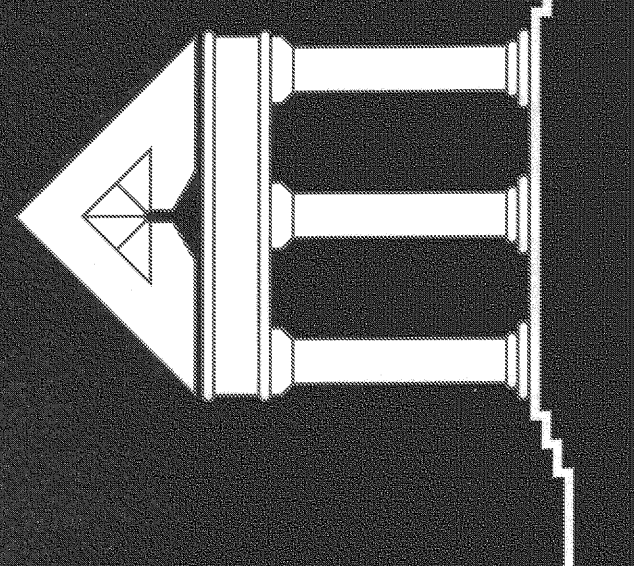
GRADING PLAN

DATE: DRAWN BY: CHECKED BY:
C 6.00



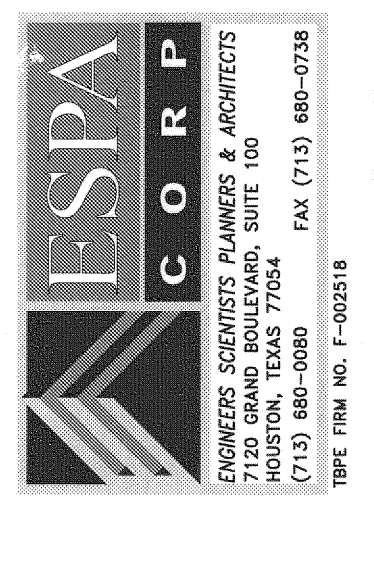
- LEGEND**
- RIDGE LINE
 - GROUND/PAVEMENT SLOPE
 - FG FINISHED GRADE
 - G GUTTER
 - TC TOP OF CURB
 - TP TOP OF PAVEMENT
 - TW TOP OF WALK

SEE SHEET C6.01



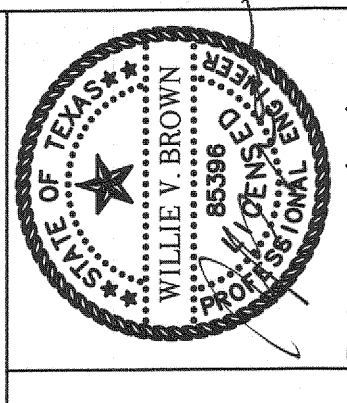
ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop, South Suite #400
 Bealife, Texas 77401
 TEL 713/868-0088 FAX 713/488-2613



ESPA CORP.
 ENGINEERS SCIENTISTS PLANNERS ARCHITECTS
 7120 GRAND BOULEVARD, SUITE 100
 HOUSTON, TEXAS 77042 FAX (713) 860-0708
 TYPE FIRM NO. F-002218

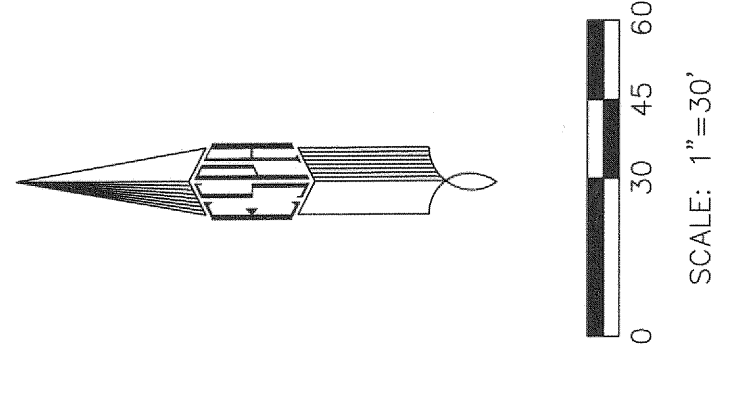
RECREATIONAL COMPLEX
 HCC SOUTHWEST CAMPUS
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



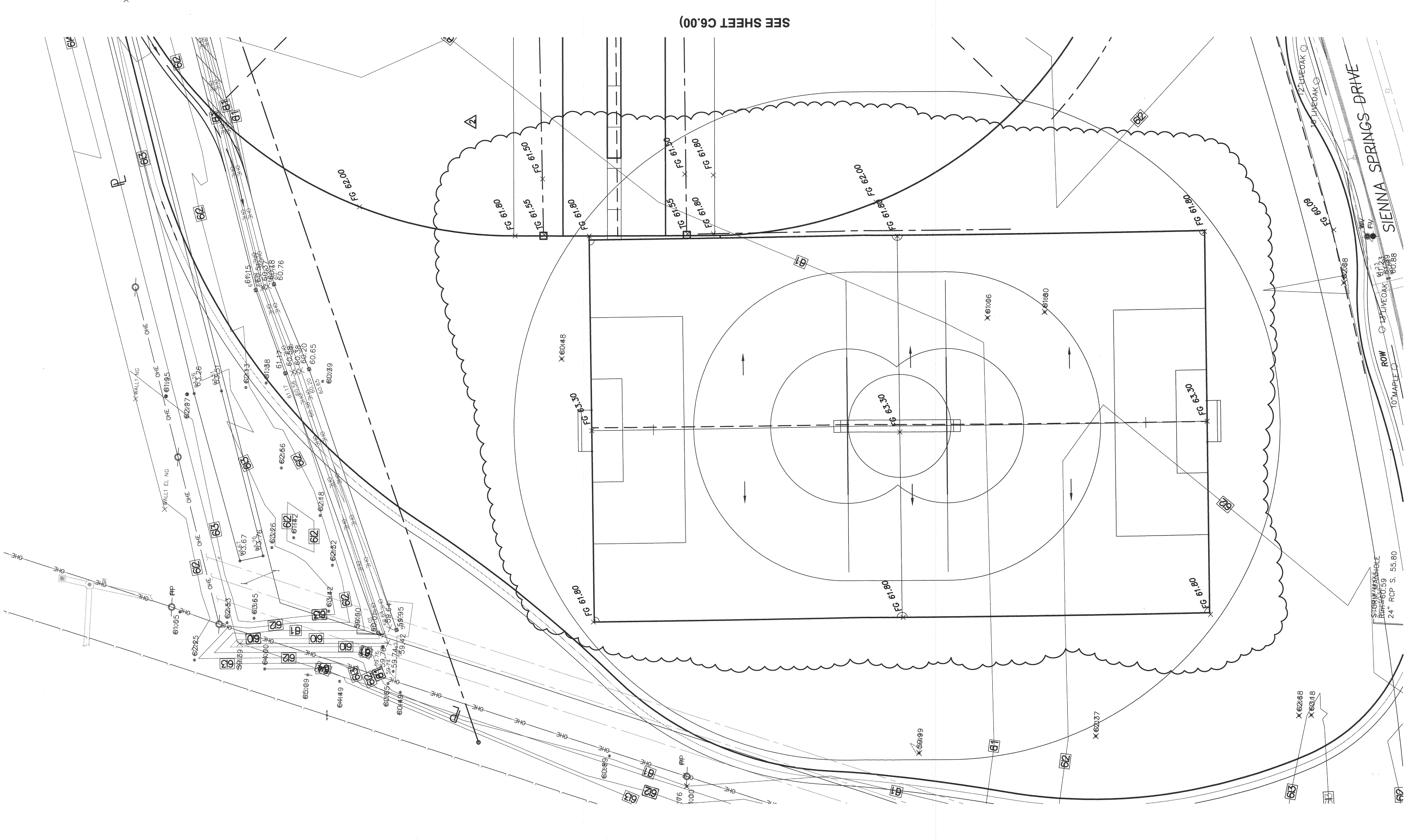
Date: 05/28/2013
 ISSUED FOR PERMIT 04/08/2013
 APPENDUM #2 05/03/2013
 APPENDUM #3 05/28/2013

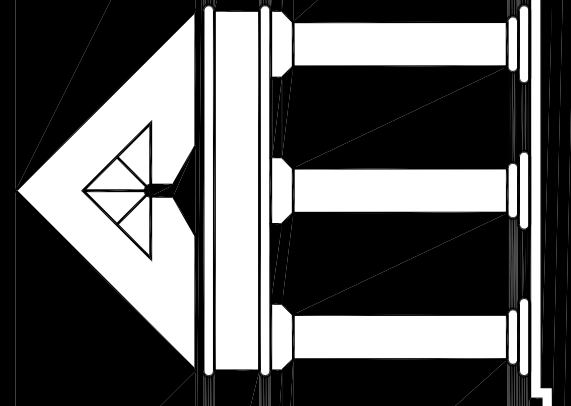
GRADING PLAN

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
C 6.01



- LEGEND**
- RIDGE LINE
 - GROUND/PAVEMENT SLOPE
 - FG FINISHED GRADE
 - G GUTTER
 - TC TOP OF CURB
 - TP TOP OF PAVEMENT
 - TW TOP OF WALK





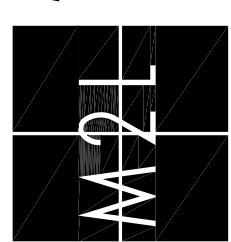
ARCHITECTURE

URBAN DESIGN

INTERIORS

CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/666-0088 FAX 713/468-2813



M2L Associates Inc.
8900 Katy Road, Suite 200
Houston, Texas 77024
T: (713)722-8877 F: (713)722-8048
• Landscape Architecture •
• Land Planning •
• Urban Design •

RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS

5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date: 05-26-13

NEW CONSTRUCTION

3/21/2013 FOR PERMITTING

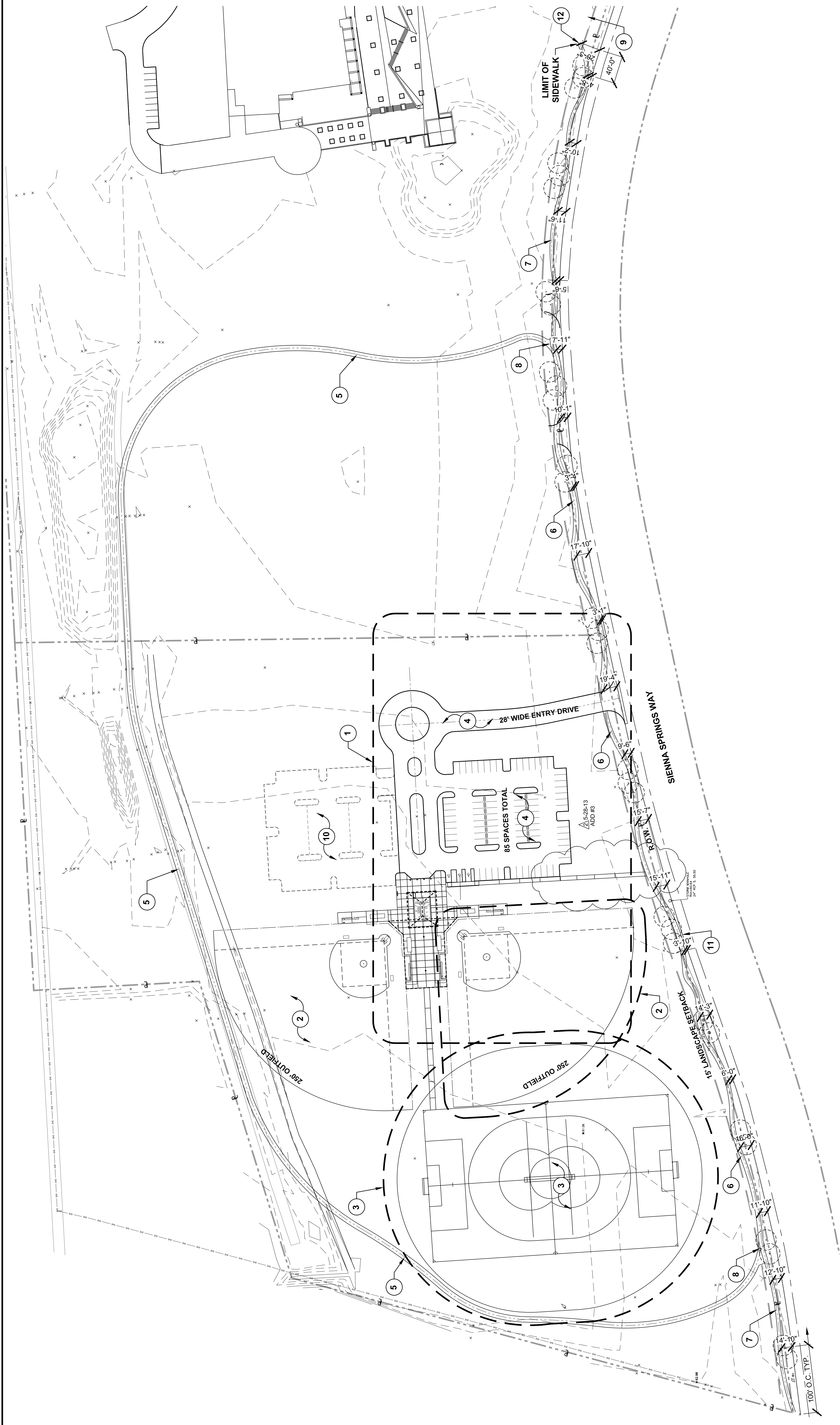
4/09/2013 FOR BID

5/07/2013 ADDENDUM NO.1

5/28/2013 ADDENDUM NO.3

SITE PLAN

L 1.01
DATE: _____
DRAWN BY: _____
CHECKED BY: _____



1. DETAIL LAYOUT ENLARGEMENT. SEE SHEET L2.02.
2. COMBINATION ADULT SOFTBALL/LITTLE LEAGUE BASEBALL FIELD. SEE DETAIL #1, SHEET L3.04.
3. COMBINATION CRICKET/SOCCER FIELD. SEE DETAILS #1 & #3, SHEET L3.07.
4. PARKING LOT AND ENTRY DRIVE. SEE CIVIL ENGINEERING DRAWINGS.
5. 8'-0" WIDE ASPHALT TRAIL WITH EDGE RESTRAINT (CONTRACTOR TO EXCAVATE, TREAT SUBBASE & INSTALL CRUSHED STONE. ASPHALT OVERLAY MATERIAL PROVIDED BY CONTRACTOR, AND INSTALLED BY OTHERS). SEE DETAIL #11, SHEET L3.01.
6. 8'-0" WIDE STANDARD CONCRETE SIDEWALK. SEE DETAIL #1, SHEET L3.01.
7. 5'-0" WIDE STANDARD CONCRETE SIDEWALK. SEE DETAIL #1, SHEET L3.01.
8. ASPHALT AT CONCRETE. SEE DETAIL #10, SHEET L3.01.
9. EXISTING SIDEWALK TO REMAIN.
10. FUTURE PARKING.
11. MINIMUM OF 3'-0" OF LAWN AREA BETWEEN SIDEWALK AND BACK OF CURB.
12. CONNECT TO EXISTING SIDEWALK WITH EXPANSION JOINTS (DRILL INTO EXISTING SIDEWALK AS NEEDED). SEE DETAIL #7, SHEET L3.01.

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED LANDSCAPE WALLS, ELEMENTS, AND ALL SURVEYING COSTS FOR THE PROPOSED LANDSCAPE ELEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- B. THE CLIENT SHALL PROVIDE LIMIT OF WORK SURVEYING OF LANDSCAPE RESERVES, RIGHTS OF WAY, EASEMENTS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE OF ANY LACK OF SURVEYING POINTS, OR DISCREPANCIES PRIOR TO INITIATING CONSTRUCTION.
- C. THE CONTRACTOR SHALL LAYOUT ALL PROPOSED LANDSCAPE ELEMENTS IN THE FIELD FOR APPROVAL BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO INITIATING CONSTRUCTION.
- D. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS AND CONDITIONS OF EXISTING UTILITIES.
- E. CONTRACTOR SHALL LAYOUT ALL LANDSCAPE RESERVES.
- F. LOCATED ENTIRELY IN THE LANDSCAPE RESERVES.

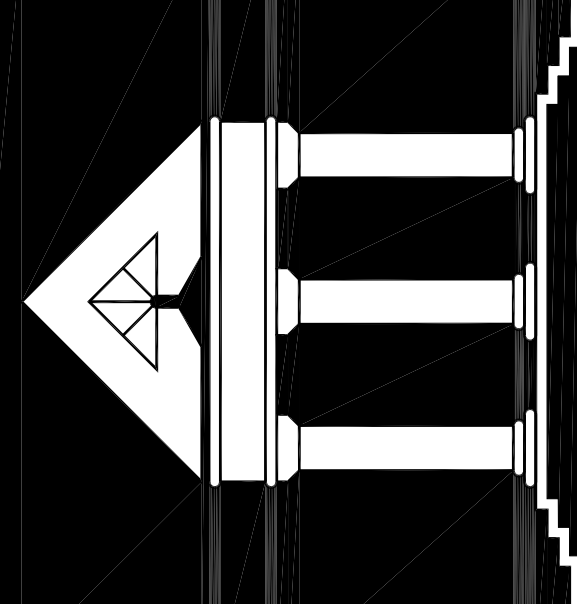
PROPOSED IMPROVEMENTS

Item	Player per team	Player	EA	SF
1. Cricket (Soccer) Field (1)	12 player per team 12 per player position plus 12 per employee	24	24	0
2. Baseball Field (2)	9 player per team 12 per player position plus 12 per employee	36	36	0
4. Bleacher	30 seats per bleacher unit	120	24	0
5. Restroom Building		1,200	0	0
Total Parking Space Required (per City of Missouri City)				
				84

1 PLAN LEGEND

2 GENERAL NOTES

3 PLAN NOTES



ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/866-0088 FAX 713/468-2813

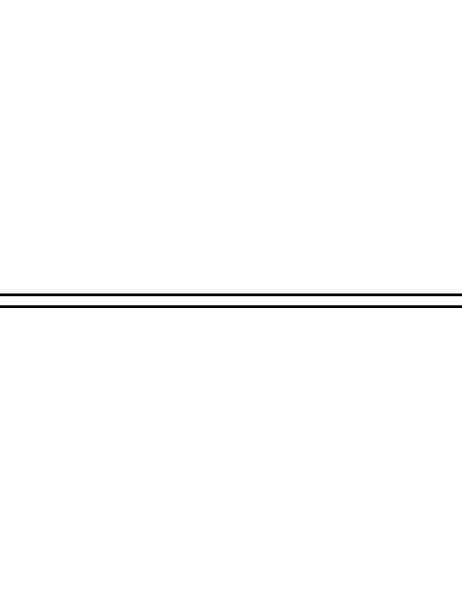


M2L Associates Inc.
 8915 Katy Road, Suite 300
 Houston, Texas 77024
 T: (713)722-8877 F: (713)722-8048

- Landscape Architecture
- Land Planning
- Urban Design

RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS

585 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459

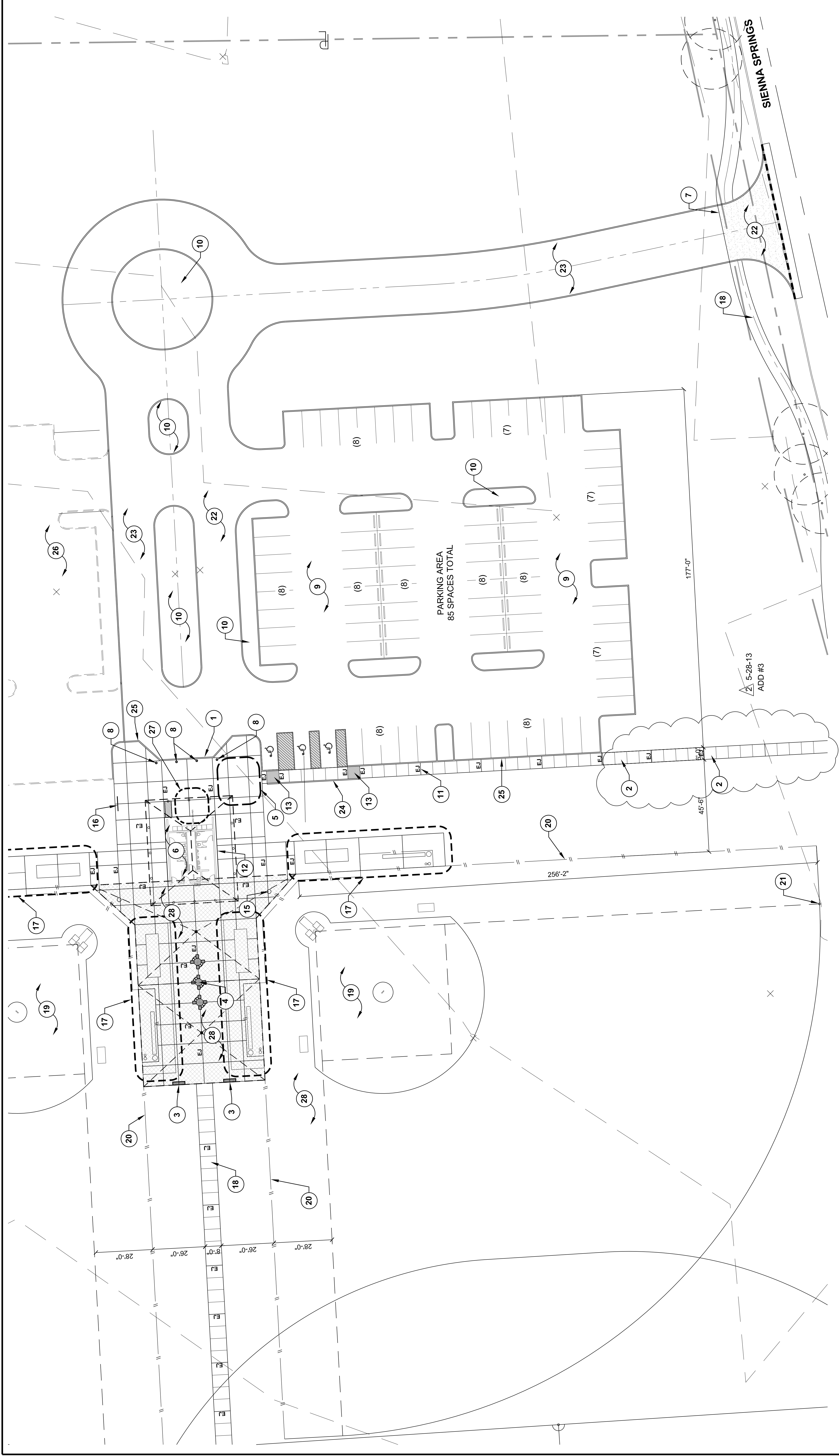


Date: 05-28-13

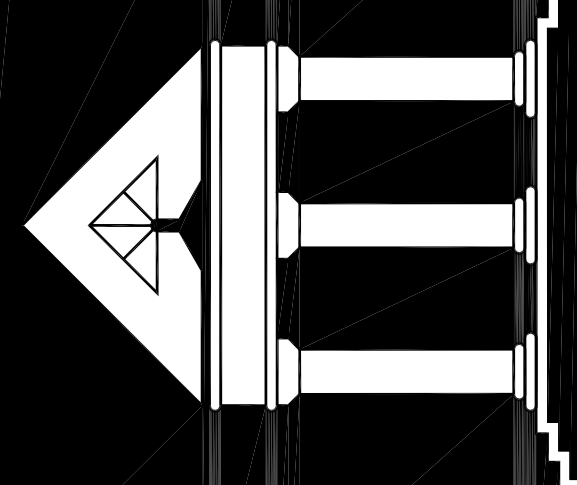
NEW CONSTRUCTION	3/21/2013
FOR PERMITTING	4/09/2013
FOR BID	5/01/2013
ADDENDUM NO.1	5/28/2013
ADDENDUM NO.3	

ENLARGED SITE PLAN

DATE: L 2.01
 DRAWN BY:
 CHECKED BY:



- 1 PLAN LEGEND**
- SCALE 1"=20'-0"
- 2 GENERAL NOTES**
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED LANDSCAPE WALLS, ELEMENTS, AND ALL SURVEYING COSTS FOR THE PROPOSED HARDSCAPE ELEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE CLIENT SHALL PROVIDE LIMIT OF WORK SURVEYING OF LANDSCAPE RESERVES, RIGHTS OF WAY, EASEMENTS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE OF ANY LACK OF SURVEYING POINTS, OR DISCREPANCIES PRIOR TO INITIATING CONSTRUCTION.
 - THE CONTRACTOR SHALL LAYOUT ALL PROPOSED LANDSCAPE ELEMENTS IN THE FIELD FOR APPROVAL BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO INITIATING CONSTRUCTION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS AND CONDITIONS OF EXISTING UTILITIES.
 - CONTRACTOR SHALL LAYOUT ALL LANDSCAPE ELEMENTS SO THAT THEY ARE LOCATED ENTIRELY IN THE LANDSCAPE RESERVES.
 - PARKING LOT DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE STATED.
- 3 PLAN NOTES**
- DROP OFF AREA. PAVEMENT TO BE FLUSH WITH CURB.
 - NATURAL GRAY CONCRETE SIDEWALK. SEE DETAIL #1, SHEET L3.01.
 - BACKLESS BENCH. SEE DETAIL #4, SHEET L4.01.
 - PICNIC TABLE. SEE DETAIL #6, SHEET L4.01
 - PLAZA WITH INTEGRAL COLORED CONCRETE PAVING. SEE DETAIL #2, SHEET L3.02.
 - RESTROOM BUILDING. SEE ARCHITECTURAL DRAWINGS.
 - CONCRETE PAVING AT ASPHALT. SEE DETAIL #10, SHEET L3.01.
 - MOVEABLE BOLLARD. SEE DETAIL #5, SHEET L4.01.
 - PARKING LOT. SEE CIVIL ENGINEERING DRAWINGS.
 - PLANTING AREA. SEE DETAIL #7, SHEET L3.01.
 - EXPANSION JOINT WITH LOAD TRANSFER. SEE DETAIL #7, SHEET L3.01.
 - EXPANSION JOINT AT VERTICAL SURFACE-TYPICAL. SEE DETAIL #6, SHEET L3.01.
 - ADA TRUNCATED DOME PAVING. SEE DETAIL #5, SHEET L3.01.
 - AREA LIGHT. SEE LIGHTING PLAN.
 - TRASH RECEPTACLE. SEE DETAIL #2, SHEET L4.01.
 - BIKE RACK. SEE DETAIL #3, SHEET L4.01.
 - DUGOUT/BLEACHER ENLARGEMENT. SEE SHEET L3.03
 - 8'-0" WIDE CONCRETE TIE. SEE DETAIL #11, SHEET L3.03.
 - 4'-0" WIDE CONCRETE TIE. SEE DETAIL #11, SHEET L3.04.
 - MULTI-HIGH FENCE. SEE DETAIL #4, SHEET L3.04.
 - FOUL WEATHER. SEE DETAIL #4, SHEET L3.06.
 - CONCRETE POLE. SEE DETAIL #3, SHEET L3.06.
 - CONCRETE DRIVEWAY APRON. SEE CIVIL ENGINEERING DRAWINGS.
 - ASPHALT DRIVEWAY WITH CONCRETE CURB BORDER. SEE CIVIL ENGINEERING DRAWINGS.
 - CONCRETE CURB. SEE DETAIL #3, SHEET L3.02 (SIMILAR).
 - SIDEWALK @ CONCRETE CURB. SEE DETAIL #3, SHEET L3.01.
- 26.** FUTURE PARKING AREA.
27. PLAZA TYPE B PAVING UNDER BUILDING CANOPY. SEE DETAIL #1, SHEET L3.02.
28. BASEBALL NETTING. SEE SHEET L5.01



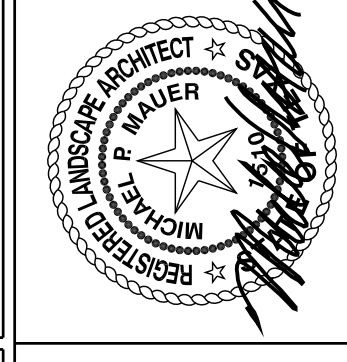
ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/866-0088 FAX 713/468-2613

MZL Associates Inc.
 8900 Katy Road, Suite 300
 Houston, Texas 77024
 T: (713)722-8877 F: (713)722-8048

• Landscape Architecture •
 • Land Planning •
 • Urban Design •

RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459

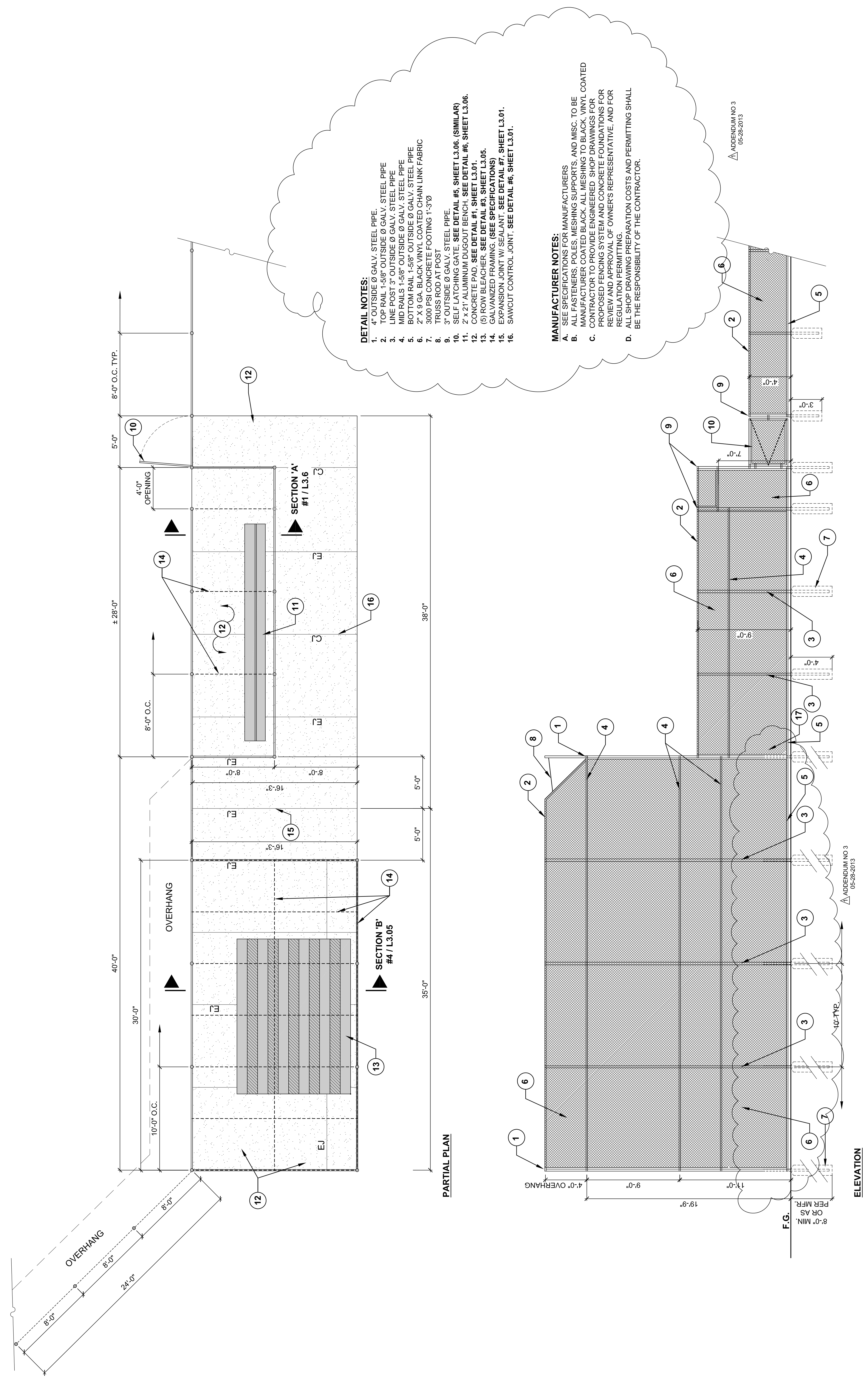


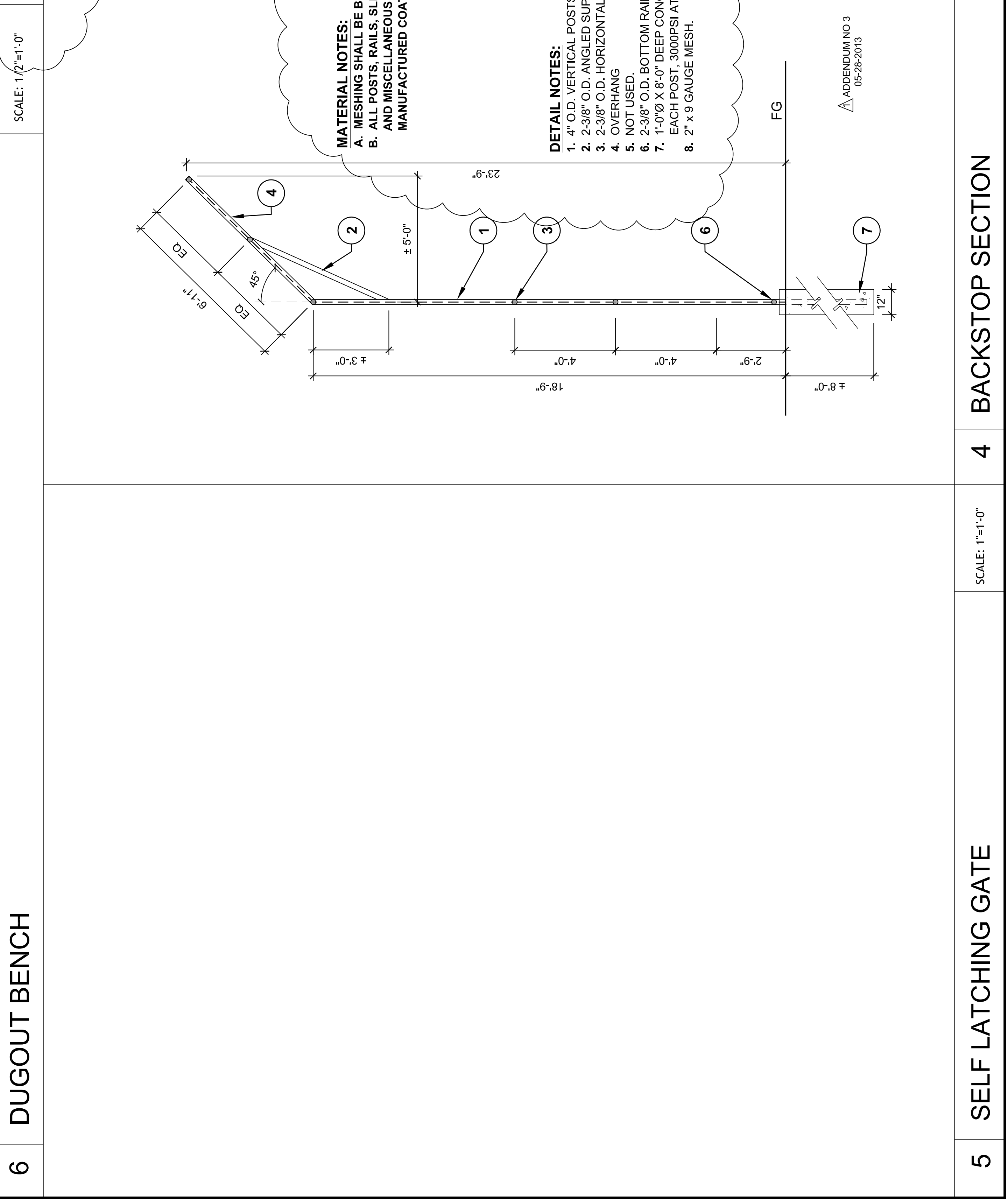
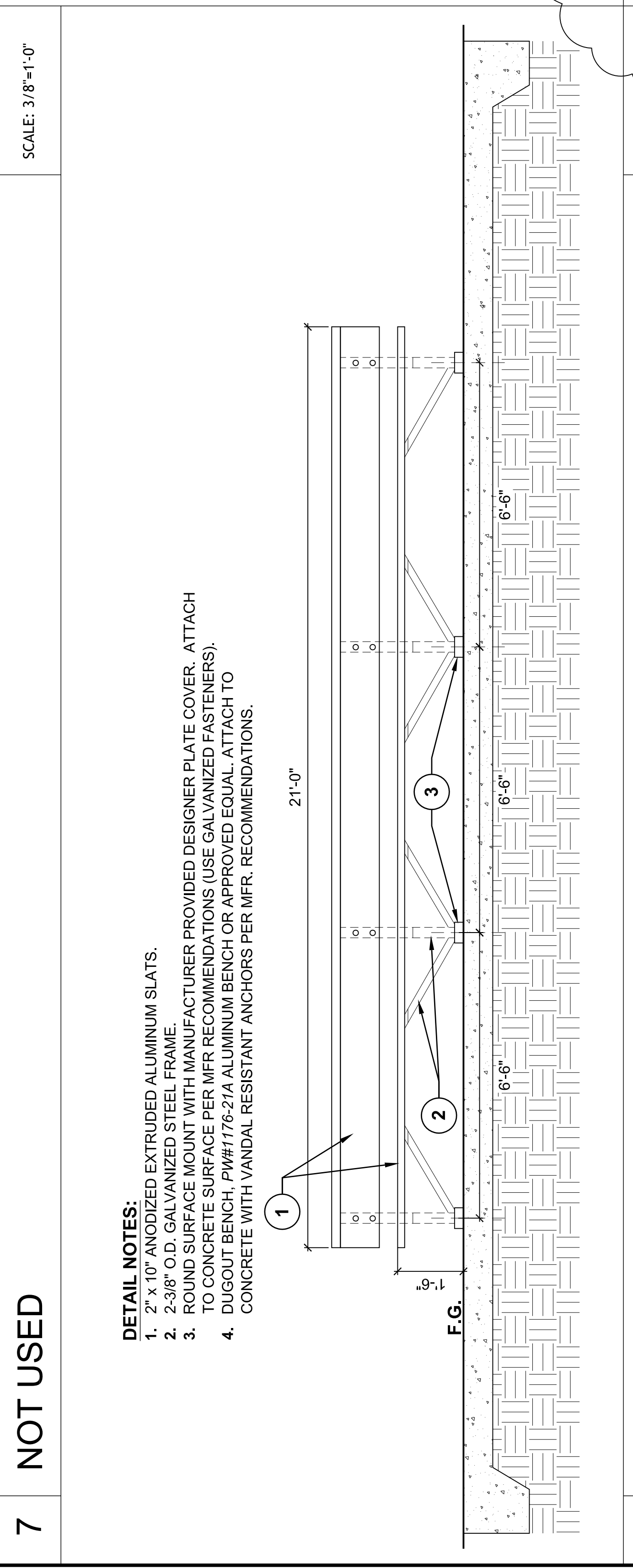
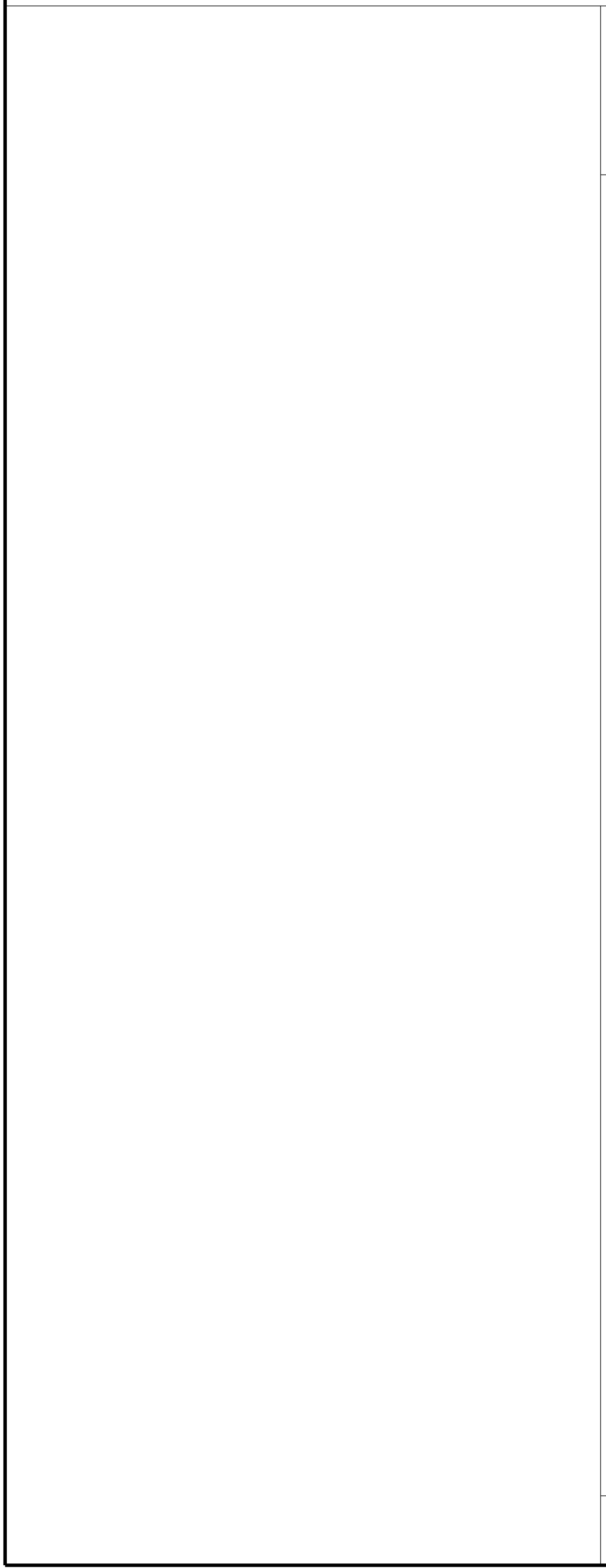
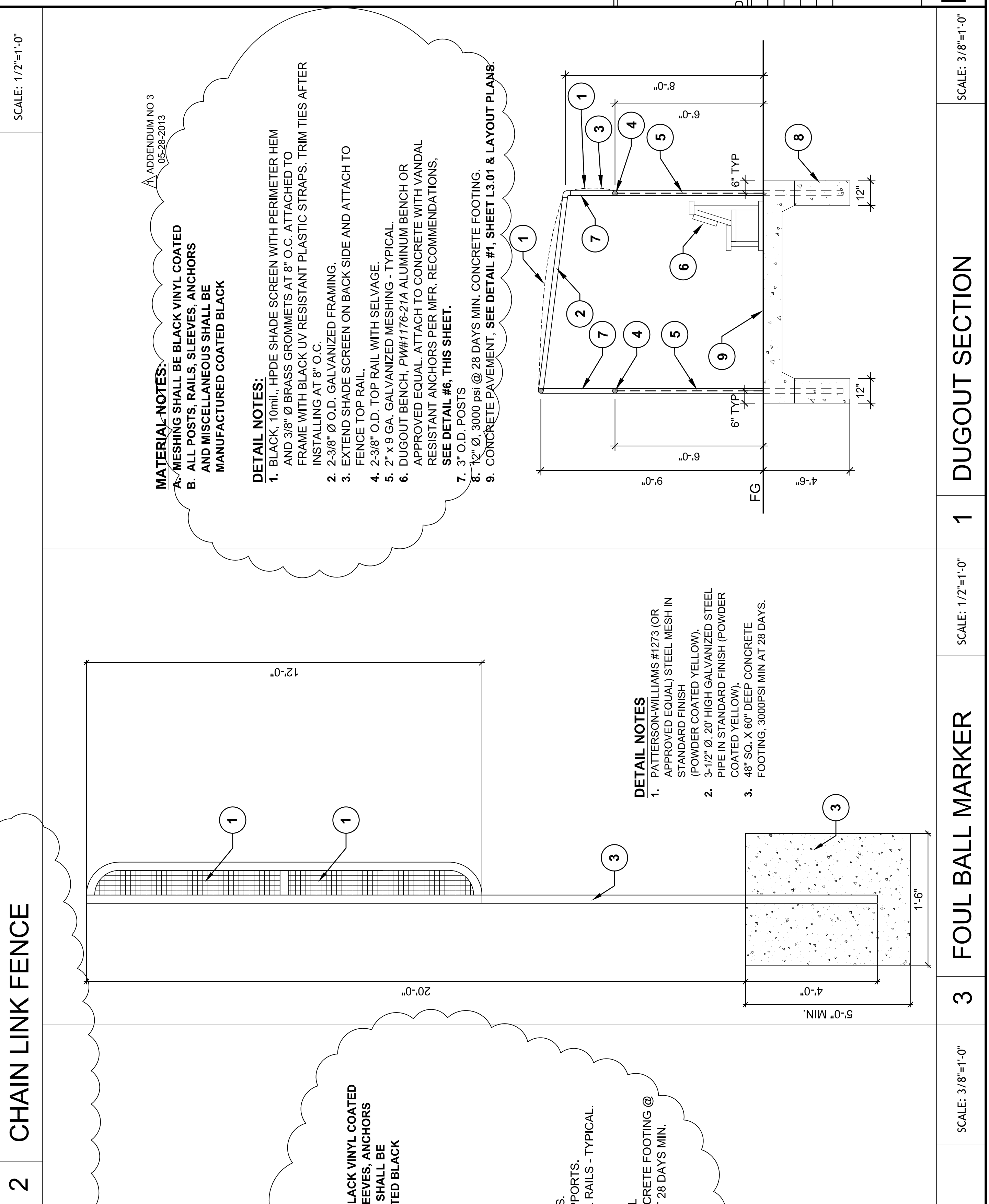
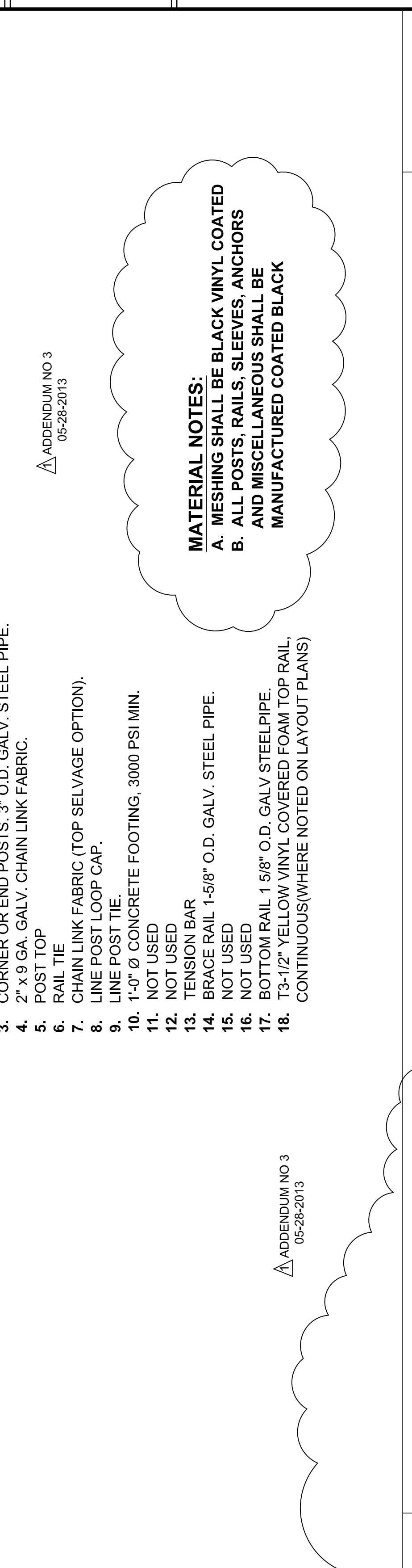
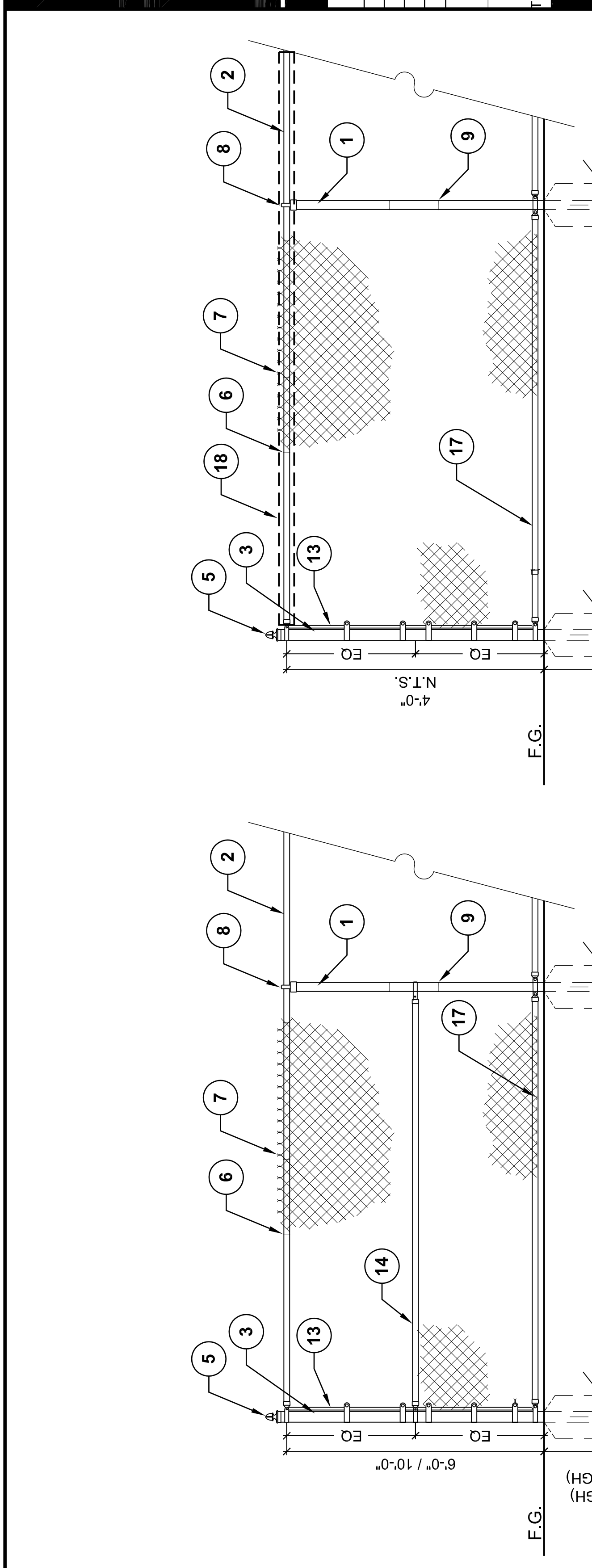
Date:	05-28-13
NEW CONSTRUCTION	
FOR PERMITTING	3/21/2013
FOR BID	4/09/2013
ADDENDUM NO.1	5/01/2013
ADDENDUM NO.3	5/28/2013

BACKSTOP & DUGOUT DETAILS I

L3.03
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

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





7 NOT USED

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

6 DUGOUT BENCH

SCALE: 1/2"=1'-0"

DETAIL NOTES:

- 2" x 10" ANODIZED EXTRUDED ALUMINUM SLATS.
- 2-3/8" O.D. GALVANIZED STEEL FRAME.
- ROUND SURFACE MOUNT WITH MANUFACTURER PROVIDED DESIGNER PLATE COVER. ATTACH TO CONCRETE SURFACE PER MFR RECOMMENDATIONS (USE GALVANIZED FASTENERS).
- DUGOUT BENCH, PW#176-21A ALUMINUM BENCH OR APPROVED EQUAL. ATTACH TO CONCRETE WITH VANDAL RESISTANT ANCHORS PER MFR. RECOMMENDATIONS.

5 SELF LATCHING GATE

SCALE: 1"=1'-0"

2 CHAIN LINK FENCE

SCALE: 1/2"=1'-0"

MATERIAL NOTES:

- MESHING SHALL BE BLACK VINYL COATED
- ALL POSTS, RAILS, SLEEVES, ANCHORS AND MISCELLANEOUS SHALL BE MANUFACTURED COATED BLACK

DETAIL NOTES:

- 4" O.D. VERTICAL POSTS.
- 2-3/8" O.D. ANGLED SUPPORTS.
- 2-3/8" O.D. HORIZONTAL RAILS - TYPICAL.
- OVERHANG
- NOT USED.
- 2-3/8" O.D. BOTTOM RAIL
- 1'-0"0" X 8'-0" DEEP CONCRETE FOOTING @ EACH POST, 3000PSI AT 28 DAYS MIN.
- 2" X 9 GAUGE MESH.

7 NOT USED

6 DUGOUT BENCH

5 SELF LATCHING GATE

4' CHAINLINK FENCE

SCALE: 1/2"=1'-0"

DETAIL NOTES:

- LINE POSTS 3" O.D. GALV. STEEL PIPE.
- TOP RAIL 3/8" O.D. GALV. STEEL PIPE.
- CONCRETE FOOTING, 3000 PSI MIN.
- 2" X 8 GA. GALV. STEEL PIPE.
- 2" X 8 GA. GALV. CHAIN LINK FABRIC.
- POST TOP
- RAIL TIE
- CHAIN LINK FABRIC (TOP SELVAGE OPTION).
- LINE POST LOOP CAP.
- LINE POST TIE
- 1'-0" Ø CONCRETE FOOTING, 3000 PSI MIN.
- NOT USED
- NOT USED
- TENSION BAR
- BRACE RAIL 1-5/8" O.D. GALV. STEEL PIPE.
- NOT USED
- NOT USED
- BOTTOM RAIL 1 5/8" O.D. GALV. STEEL PIPE.
- 13-1/2" YELLOW VINYL COVERED FOAM TOP RAIL, CONTINUOUS (WHERE NOTED ON LAYOUT PLANS)

6' OR 10' CHAINLINK FENCE

SCALE: 1/2"=1'-0"

DETAIL NOTES:

- LINE POSTS 3" O.D. GALV. STEEL PIPE.
- TOP RAIL 3/8" O.D. GALV. STEEL PIPE.
- CONCRETE FOOTING, 3000 PSI MIN.
- 2" X 8 GA. GALV. STEEL PIPE.
- 2" X 8 GA. GALV. CHAIN LINK FABRIC.
- POST TOP
- RAIL TIE
- CHAIN LINK FABRIC (TOP SELVAGE OPTION).
- LINE POST LOOP CAP.
- LINE POST TIE
- 1'-0" Ø CONCRETE FOOTING, 3000 PSI MIN.
- NOT USED
- NOT USED
- TENSION BAR
- BRACE RAIL 1-5/8" O.D. GALV. STEEL PIPE.
- NOT USED
- NOT USED
- BOTTOM RAIL 1 5/8" O.D. GALV. STEEL PIPE.
- 13-1/2" YELLOW VINYL COVERED FOAM TOP RAIL, CONTINUOUS (WHERE NOTED ON LAYOUT PLANS)

3 FOUL BALL MARKER

SCALE: 1/2"=1'-0"

DETAIL NOTES:

- PATTERSON WILLIAMS #1273 (OR APPROVED EQUAL) STEEL MESH IN STANDARD FINISH (POWDER COATED YELLOW).
- 3-1/2" Ø, 20" HIGH GALVANIZED STEEL PIPE IN STANDARD FINISH (POWDER COATED YELLOW).
- 48" X 60" X 8" DEEP CONCRETE FOOTING, 3000PSI MIN AT 28 DAYS.

4 BACKSTOP SECTION

SCALE: 1"=1'-0"

MATERIAL NOTES:

- MESHING SHALL BE BLACK VINYL COATED
- ALL POSTS, RAILS, SLEEVES, ANCHORS AND MISCELLANEOUS SHALL BE MANUFACTURED COATED BLACK

DETAIL NOTES:

- 4" O.D. VERTICAL POSTS.
- 2-3/8" O.D. ANGLED SUPPORTS.
- 2-3/8" O.D. HORIZONTAL RAILS - TYPICAL.
- OVERHANG
- NOT USED.
- 2-3/8" O.D. BOTTOM RAIL
- 1'-0"0" X 8'-0" DEEP CONCRETE FOOTING @ EACH POST, 3000PSI AT 28 DAYS MIN.
- 2" X 9 GAUGE MESH.

2 CHAIN LINK FENCE

SCALE: 1/2"=1'-0"

MATERIAL NOTES:

- MESHING SHALL BE BLACK VINYL COATED
- ALL POSTS, RAILS, SLEEVES, ANCHORS AND MISCELLANEOUS SHALL BE MANUFACTURED COATED BLACK

DETAIL NOTES:

- BLACK, 10mil. HPDE SHADE SCREEN WITH PERIMETER HEM AND 3/8" Ø BRASS GROMMETS AT 8" O.C. ATTACHED TO FRAME WITH BLACK UV RESISTANT PLASTIC STRAPS. TRIM TIES AFTER INSTALLING AT 8" O.C.
- 2-3/8" Ø O.D. GALVANIZED FRAMING.
- EXTEND SHADE SCREEN ON BACK SIDE AND ATTACH TO 2-3/8" Ø O.D. GALVANIZED FRAMING.
- 3-1/2" O.D. TOP RAIL WITH SELVAGE.
- 2" X 8 GA. GALVANIZED MESHING - TYPICAL
- DUGOUT BENCH, PW#176-21A ALUMINUM BENCH OR APPROVED EQUAL. ATTACH TO CONCRETE WITH VANDAL RESISTANT ANCHORS PER MFR. RECOMMENDATIONS. SEE DETAIL #6, THIS SHEET.
- 3" O.D. POSTS
- 12" Ø, 3000 PSI @ 28 DAYS MIN. CONCRETE FOOTING.
- CONCRETE PAVEMENT. SEE DETAIL #1, SHEET L3.01 & LAYOUT PLANS.

1 DUGOUT SECTION

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

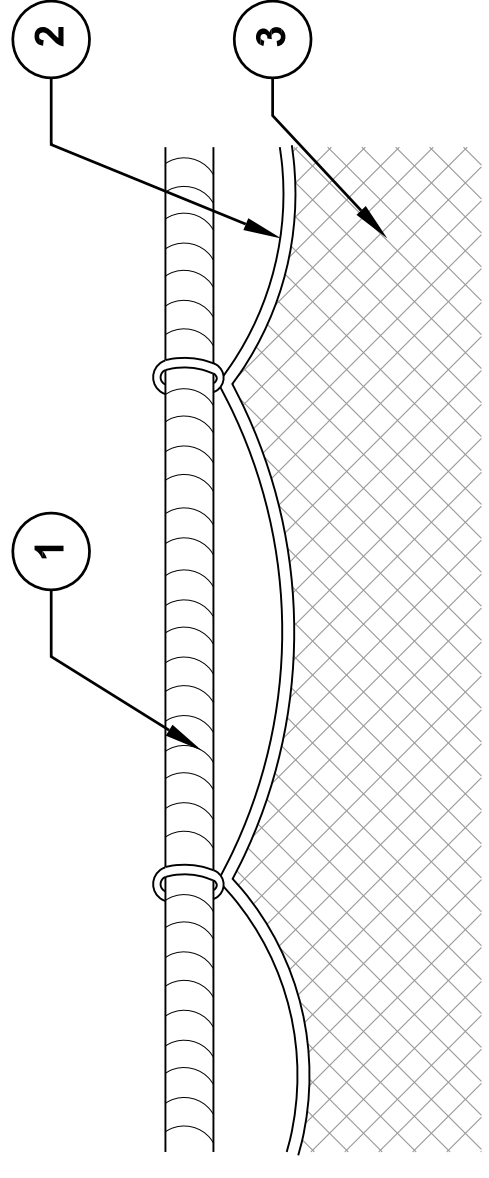
MATERIAL NOTES:

- MESHING SHALL BE BLACK VINYL COATED
- ALL POSTS, RAILS, SLEEVES, ANCHORS AND MISCELLANEOUS SHALL BE MANUFACTURED COATED BLACK

DETAIL NOTES:

- BLACK, 10mil. HPDE SHADE SCREEN WITH PERIMETER HEM AND 3/8" Ø BRASS GROMMETS AT 8" O.C. ATTACHED TO FRAME WITH BLACK UV RESISTANT PLASTIC STRAPS. TRIM TIES AFTER INSTALLING AT 8" O.C.
- 2-3/8" Ø O.D. GALVANIZED FRAMING.
- EXTEND SHADE SCREEN ON BACK SIDE AND ATTACH TO 2-3/8" Ø O.D. GALVANIZED FRAMING.
- 3-1/2" O.D. TOP RAIL WITH SELVAGE.
- 2" X 8 GA. GALVANIZED MESHING - TYPICAL
- DUGOUT BENCH, PW#176-21A ALUMINUM BENCH OR APPROVED EQUAL. ATTACH TO CONCRETE WITH VANDAL RESISTANT ANCHORS PER MFR. RECOMMENDATIONS. SEE DETAIL #6, THIS SHEET.
- 3" O.D. POSTS
- 12" Ø, 3000 PSI @ 28 DAYS MIN. CONCRETE FOOTING.
- CONCRETE PAVEMENT. SEE DETAIL #1, SHEET L3.01 & LAYOUT PLANS.

- DETAIL NOTES:**
1. BRAIDED 5/16" NYLON BORDER ROPE CONTINUOUS.
 2. LACING CHORD.
 3. 1-3/4" #21 BLACK NYLON, KNOTTED NETTING IN DIAMOND PATTERN.

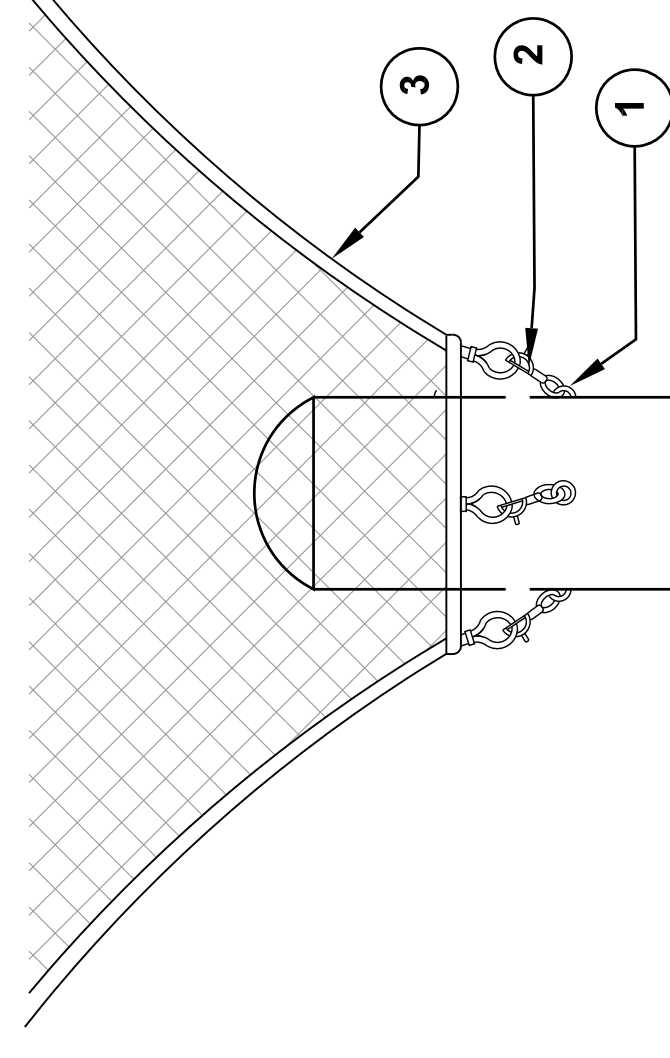


5 LACING CHORD ATTACHMENT

SCALE 3/8"=1'-0"

DETAIL NOTES:

1. FOUR (4) 3/4" O.D. EYE HOOKS WELDED TO POLE.
2. FOUR (4) 7/16" SNAP HOOKS AT THE CENTER POST ATTACHMENT.
3. 5/16" BLACK NYLON ROPE BORDER, CONTINUOUS.
4. 4" GAP FOR BASEBALLS TO DROP DOWN.

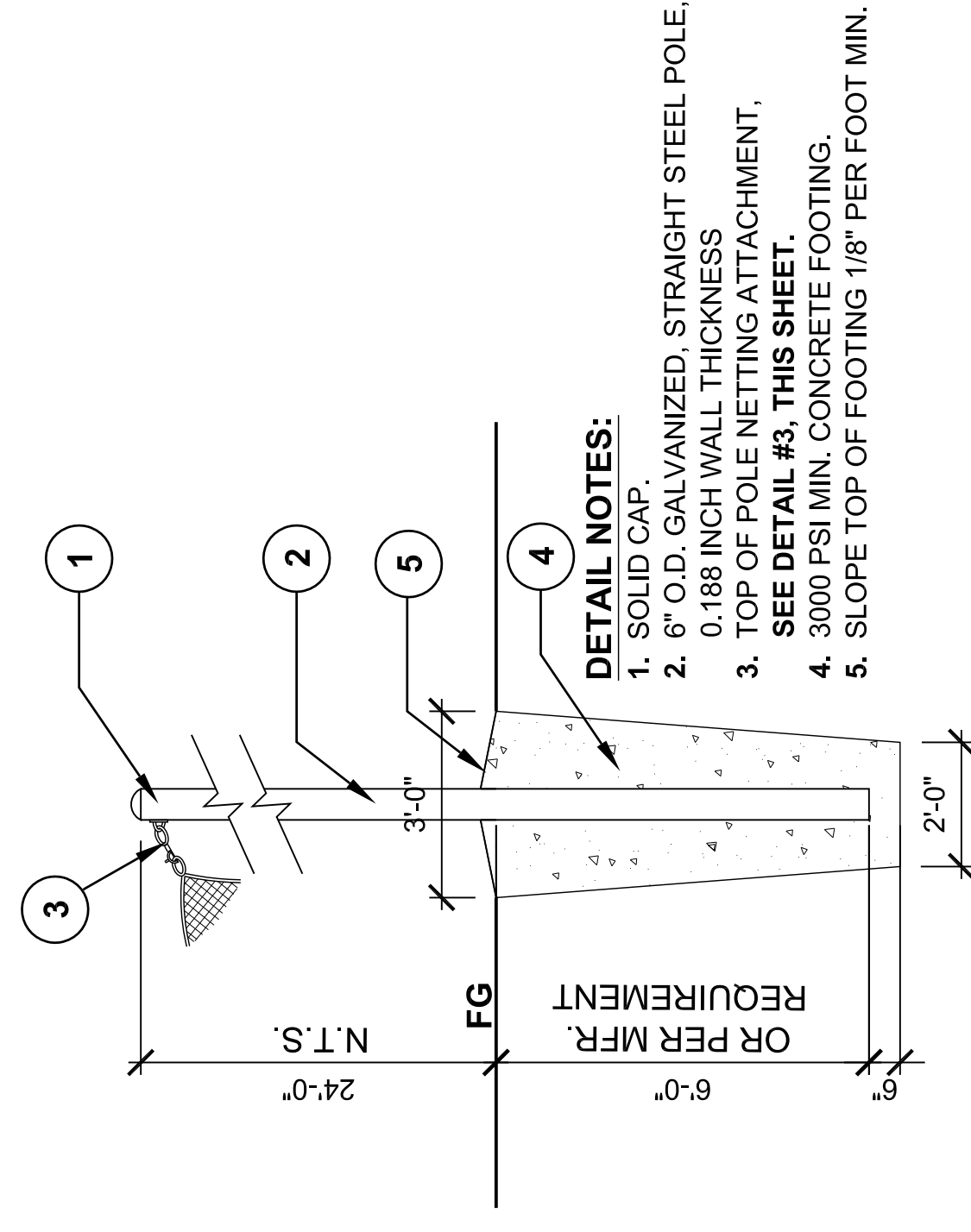


ELEVATION

PLAN VIEW

2 CENTER POLE ATTACHMENT

SCALE 2/1"=1'-0"

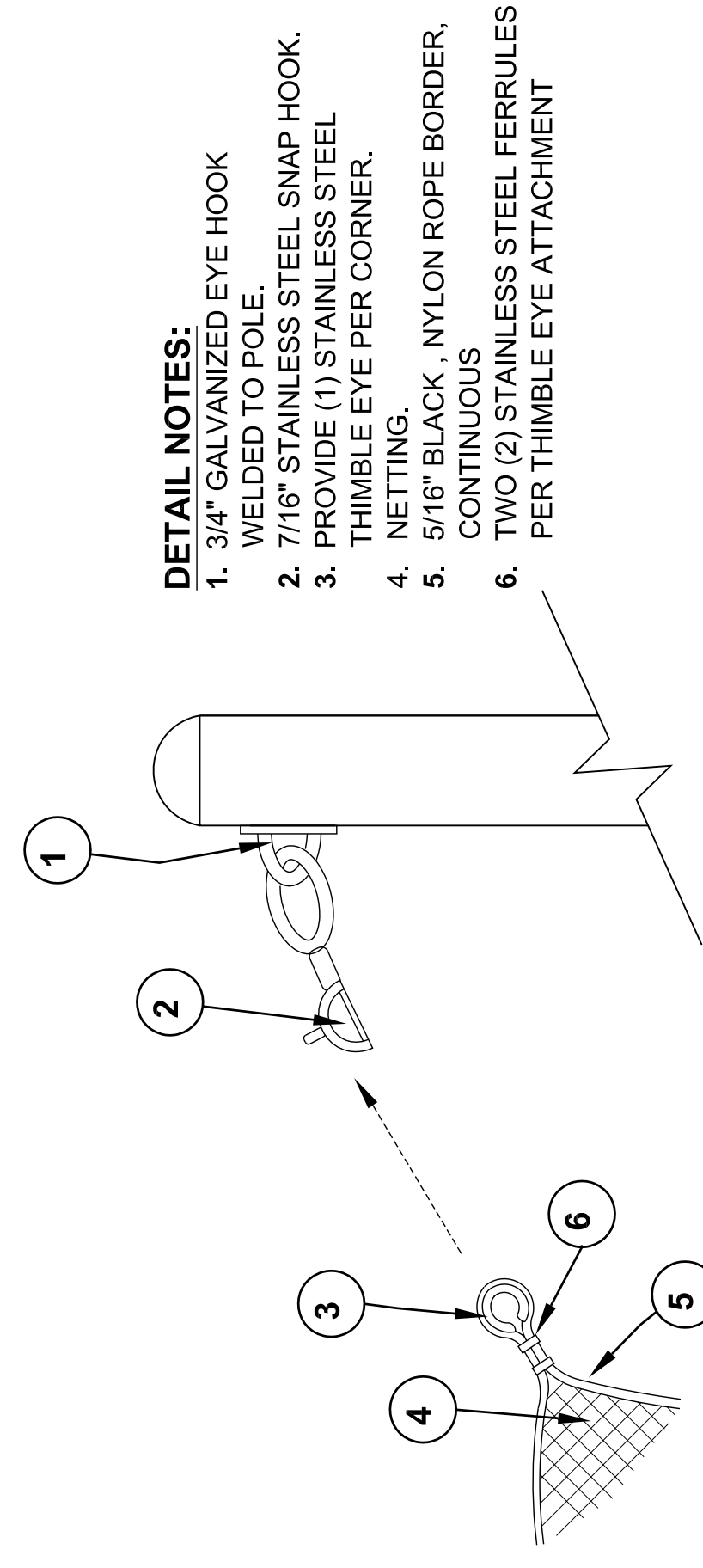


DETAIL NOTES:

1. SOLID CAP.
2. 6" O.D. GALVANIZED STRAIGHT STEEL POLE, 0.188 INCH WALL THICKNESS.
3. TOP OF POLE NETTING ATTACHMENT. SEE DETAIL #3, THIS SHEET.
4. 3000 PSI MIN. CONCRETE FOOTING.
5. SLOPE TOP OF FOOTING 1/8" PER FOOT MIN.

4 CONCRETE FOOTING 'A'

SCALE 3/8"=1'-0"

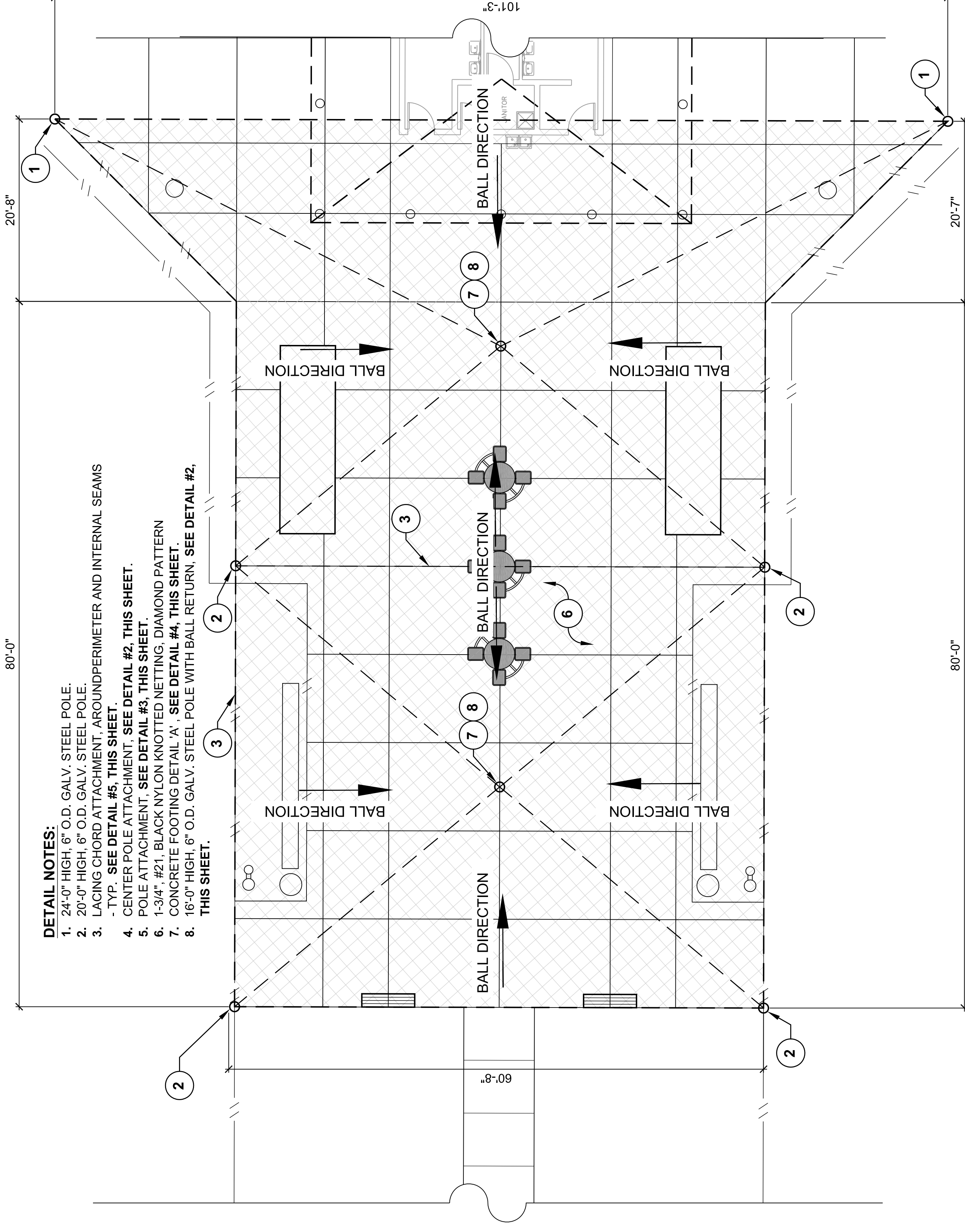


DETAIL NOTES:

1. 3/4" GALVANIZED EYE HOOK WELDED TO POLE.
2. 7/16" STAINLESS STEEL SNAP HOOK.
3. PROVIDE (1) STAINLESS STEEL THIMBLE EYE PER CORNER.
4. NETTING.
5. 5/16" BLACK NYLON ROPE BORDER, CONTINUOUS.
6. TWO (2) STAINLESS STEEL FERRULES PER THIMBLE EYE ATTACHMENT.

3 CORNER POLE ATTACHMENT

SCALE 2/1"=1'-0"



DETAIL NOTES:

1. 24'-0" HIGH, 6" O.D. GALV. STEEL POLE.
2. 20'-0" HIGH, 6" O.D. GALV. STEEL POLE.
3. LACING CHORD ATTACHMENT, AROUND PERIMETER AND INTERNAL SEAMS. - TYP. SEE DETAIL #5, THIS SHEET.
4. CENTER POLE ATTACHMENT. SEE DETAIL #2, THIS SHEET.
5. POLE ATTACHMENT. SEE DETAIL #3, THIS SHEET.
6. 1-3/4" #21 BLACK NYLON KNOTTED NETTING, DIAMOND PATTERN.
7. CONCRETE FOOTING DETAIL 'A'. SEE DETAIL #4, THIS SHEET.
8. 16'-0" HIGH, 6" O.D. GALV. STEEL POLE WITH BALL RETURN. SEE DETAIL #2, THIS SHEET.

SHOP DRAWINGS
CONTRACTOR TO PROVIDE MFR. SHOP DRAWINGS FOR POLES, CONCRETE FOOTING, NETS, HANGERS, & MISC. EQUIPMENT FOR REVIEW AND APPROVAL.

5/28/2013
ADDENDUM NO. 3

RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS

5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date: 05/28/13

NEW CONSTRUCTION

3/21/2013 FOR PERMITTING

4/8/2013 FOR BID

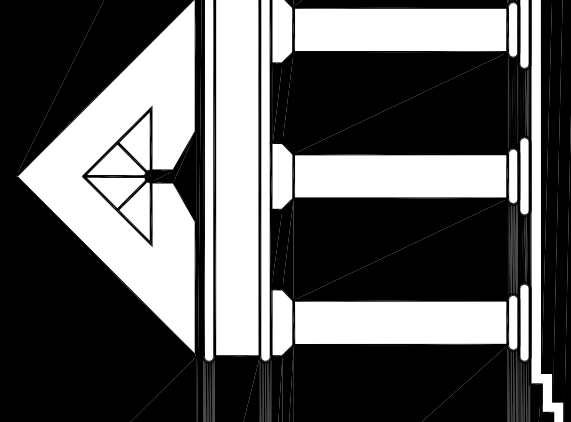
5/28/2013 ADDENDUM NO. 1

5/28/2013 ADDENDUM NO. 3

PROTECTIVE NETTING DETAILS

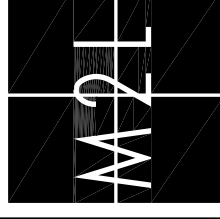
L5.02
DATE: DRAWN BY: CHECKED BY:

N.T.S.



ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/865-0088 FAX 713/468-2613



MZL Associates Inc.
8900 Katy Road, Suite 300
Houston, Texas 77024
T: (713)722-8897 F: (713)722-8608

- Landscape Architecture
- Land Planning
- Urban Design



ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/866-0088 FAX 713/468-2813

ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/866-0088 FAX 713/468-2813

M2L Associates Inc.
8900 Katy Road, Suite 200
Houston, Texas 77024
T: (713)722-8877 F: (713)722-8608
• Landscape Architecture
• Land Planning
• Urban Design

M2L Associates Inc.
8900 Katy Road, Suite 200
Houston, Texas 77024
T: (713)722-8877 F: (713)722-8608
• Landscape Architecture
• Land Planning
• Urban Design

**RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS**

5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459

DATE: 05-28-13
NEW CONSTRUCTION
3/21/2013
4092013
FOR PERMITTING
FOR BID
ADDENDUM NO.1
9/01/2013
ADDENDUM NO.3
5/28/2013

**IRRIGATION PLAN
1 OF 2**

L6.01
DATE:
DRAWN BY:
CHECKED BY:

1 PLAN LEGEND

ALL PIPE LOCATIONS AND IRRIGATION EQUIPMENT ARE SHOWN DIAGRAMMATIC. IT IS INTENDED THAT THE IRRIGATION EQUIPMENT AND LINES BE PLACED IN THE LANDSCAPE AREAS OR DESIGNATED SLEEVES OR AS REQUIRED UNDER SIDEWALKS AND OTHER PAVEMENT AREAS. CONTRACTOR SHALL MODIFY THE LAYOUT AS NECESSARY TO REFLECT THE ACTUAL SITE CONDITIONS. TO VERIFY THE CONDITIONS AND LOCATIONS OF ALL EXISTING IRRIGATION EQUIPMENT ALONG ROADWAY PRIOR TO BEGINNING ROADWAY CONDITIONS.

I. IRRIGATION HEADS TO BE LOCATED 1'-0" FROM B.O.C. UNLESS OTHERWISE NOTED.

J. COORDINATE INSTALLATION OF IRRIGATION SLEEVES WITH GENERAL CONTRACTOR.

K. CONTRACTOR TO PROVIDE UNDER THIS CONTRACT, ALL IRRIGATION EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL PERMITS AND FEES, BACKFLOW PREVENTERS, METER PAID BY OWNER, VALVES, HEADS, LATERALS, MAINLINES, AND MISC. EQUIPMENT.

L. SEE SHEET L7.01, L7.02 & L7.03 FOR IRRIGATION DETAILS AND NOTES.

M. CONTRACTOR TO PROVIDE ALL MISCELLANEOUS BORINGS UNDER SIDEWALKS AND PAVEMENT BEYOND THOSE INDICATED ON THE DRIVEWAY.

N. LOCATE IRRIGATION CONTROLLER IN BUILDING STORAGE ROOM #105. PROVIDE HARDWIRED ELECTRICAL CONNECTION.

2 GENERAL NOTES

6" SCH 40 PVC IRRIGATION SLEEVE.

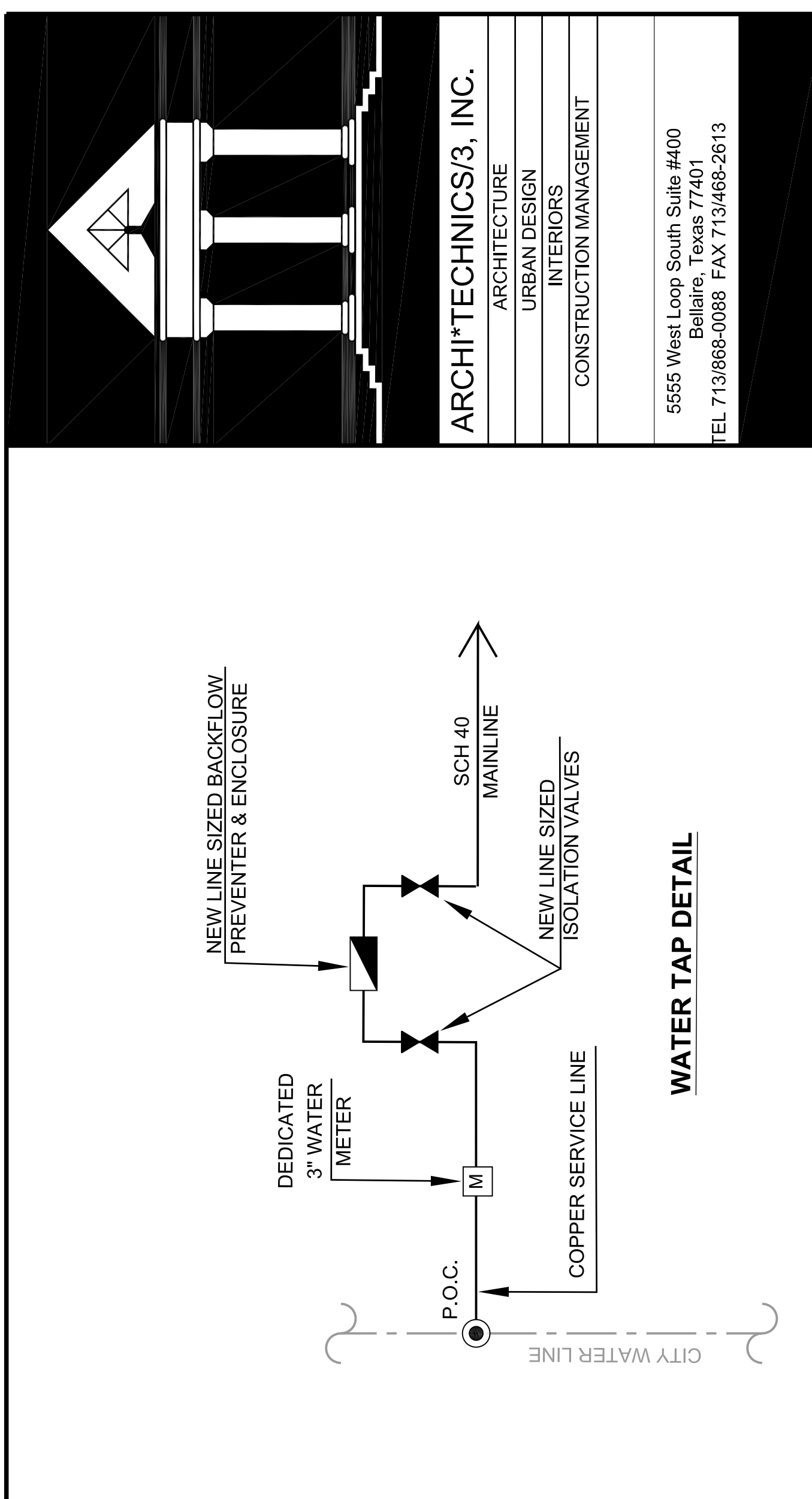
3 PLAN NOTES

NEW CONSTRUCTION
3/21/2013
4092013
FOR PERMITTING
FOR BID
ADDENDUM NO.1
9/01/2013
ADDENDUM NO.3
5/28/2013

Date: 05-28-13

**IRRIGATION PLAN
1 OF 2**

L6.01
DATE:
DRAWN BY:
CHECKED BY:



1 PLAN LEGEND

ALL PIPE LOCATIONS AND IRRIGATION EQUIPMENT ARE SHOWN DIAGRAMMATIC. IT IS INTENDED THAT THE IRRIGATION EQUIPMENT AND LINES BE PLACED IN THE LANDSCAPE AREAS OR DESIGNATED SLEEVES OR AS REQUIRED UNDER SIDEWALKS AND OTHER PAVEMENT AREAS. CONTRACTOR SHALL MODIFY THE LAYOUT AS NECESSARY TO REFLECT THE ACTUAL SITE CONDITIONS. TO VERIFY THE CONDITIONS AND LOCATIONS OF ALL EXISTING IRRIGATION EQUIPMENT ALONG ROADWAY PRIOR TO BEGINNING ROADWAY CONDITIONS.

I. IRRIGATION HEADS TO BE LOCATED 1'-0" FROM B.O.C. UNLESS OTHERWISE NOTED.

J. COORDINATE INSTALLATION OF IRRIGATION SLEEVES WITH GENERAL CONTRACTOR.

K. CONTRACTOR TO PROVIDE UNDER THIS CONTRACT, ALL IRRIGATION EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL PERMITS AND FEES, BACKFLOW PREVENTERS, METER PAID BY OWNER, VALVES, HEADS, LATERALS, MAINLINES, AND MISC. EQUIPMENT.

L. SEE SHEET L7.01, L7.02 & L7.03 FOR IRRIGATION DETAILS AND NOTES.

M. CONTRACTOR TO PROVIDE ALL MISCELLANEOUS BORINGS UNDER SIDEWALKS AND PAVEMENT BEYOND THOSE INDICATED ON THE DRIVEWAY.

N. LOCATE IRRIGATION CONTROLLER IN BUILDING STORAGE ROOM #105. PROVIDE HARDWIRED ELECTRICAL CONNECTION.

**RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS**

5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459

DATE: 05-28-13
NEW CONSTRUCTION
3/21/2013
4092013
FOR PERMITTING
FOR BID
ADDENDUM NO.1
9/01/2013
ADDENDUM NO.3
5/28/2013

**IRRIGATION PLAN
1 OF 2**

L6.01
DATE:
DRAWN BY:
CHECKED BY:

1 PLAN LEGEND

ALL PIPE LOCATIONS AND IRRIGATION EQUIPMENT ARE SHOWN DIAGRAMMATIC. IT IS INTENDED THAT THE IRRIGATION EQUIPMENT AND LINES BE PLACED IN THE LANDSCAPE AREAS OR DESIGNATED SLEEVES OR AS REQUIRED UNDER SIDEWALKS AND OTHER PAVEMENT AREAS. CONTRACTOR SHALL MODIFY THE LAYOUT AS NECESSARY TO REFLECT THE ACTUAL SITE CONDITIONS. TO VERIFY THE CONDITIONS AND LOCATIONS OF ALL EXISTING IRRIGATION EQUIPMENT ALONG ROADWAY PRIOR TO BEGINNING ROADWAY CONDITIONS.

I. IRRIGATION HEADS TO BE LOCATED 1'-0" FROM B.O.C. UNLESS OTHERWISE NOTED.

J. COORDINATE INSTALLATION OF IRRIGATION SLEEVES WITH GENERAL CONTRACTOR.

K. CONTRACTOR TO PROVIDE UNDER THIS CONTRACT, ALL IRRIGATION EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL PERMITS AND FEES, BACKFLOW PREVENTERS, METER PAID BY OWNER, VALVES, HEADS, LATERALS, MAINLINES, AND MISC. EQUIPMENT.

L. SEE SHEET L7.01, L7.02 & L7.03 FOR IRRIGATION DETAILS AND NOTES.

M. CONTRACTOR TO PROVIDE ALL MISCELLANEOUS BORINGS UNDER SIDEWALKS AND PAVEMENT BEYOND THOSE INDICATED ON THE DRIVEWAY.

N. LOCATE IRRIGATION CONTROLLER IN BUILDING STORAGE ROOM #105. PROVIDE HARDWIRED ELECTRICAL CONNECTION.

2 GENERAL NOTES

6" SCH 40 PVC IRRIGATION SLEEVE.

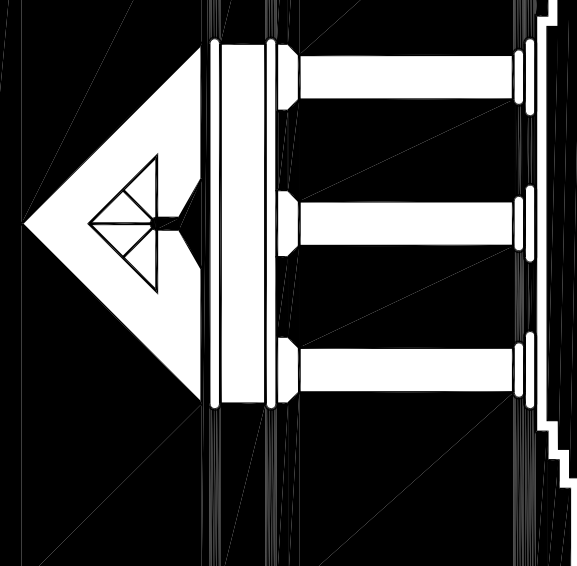
3 PLAN NOTES

NEW CONSTRUCTION
3/21/2013
4092013
FOR PERMITTING
FOR BID
ADDENDUM NO.1
9/01/2013
ADDENDUM NO.3
5/28/2013

Date: 05-28-13

**IRRIGATION PLAN
1 OF 2**

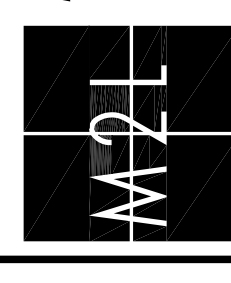
L6.01
DATE:
DRAWN BY:
CHECKED BY:



ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
 Bellaire, Texas 77401
 TEL 713/866-0088 FAX 713/468-2813



M2L Associates Inc.
 8900 Katy Road, Suite 200
 Houston, Texas 77024
 T: (713)722-8877 F: (713)722-8608

• Landscape Architecture •
 • Land Planning •
 • Urban Design •

RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS

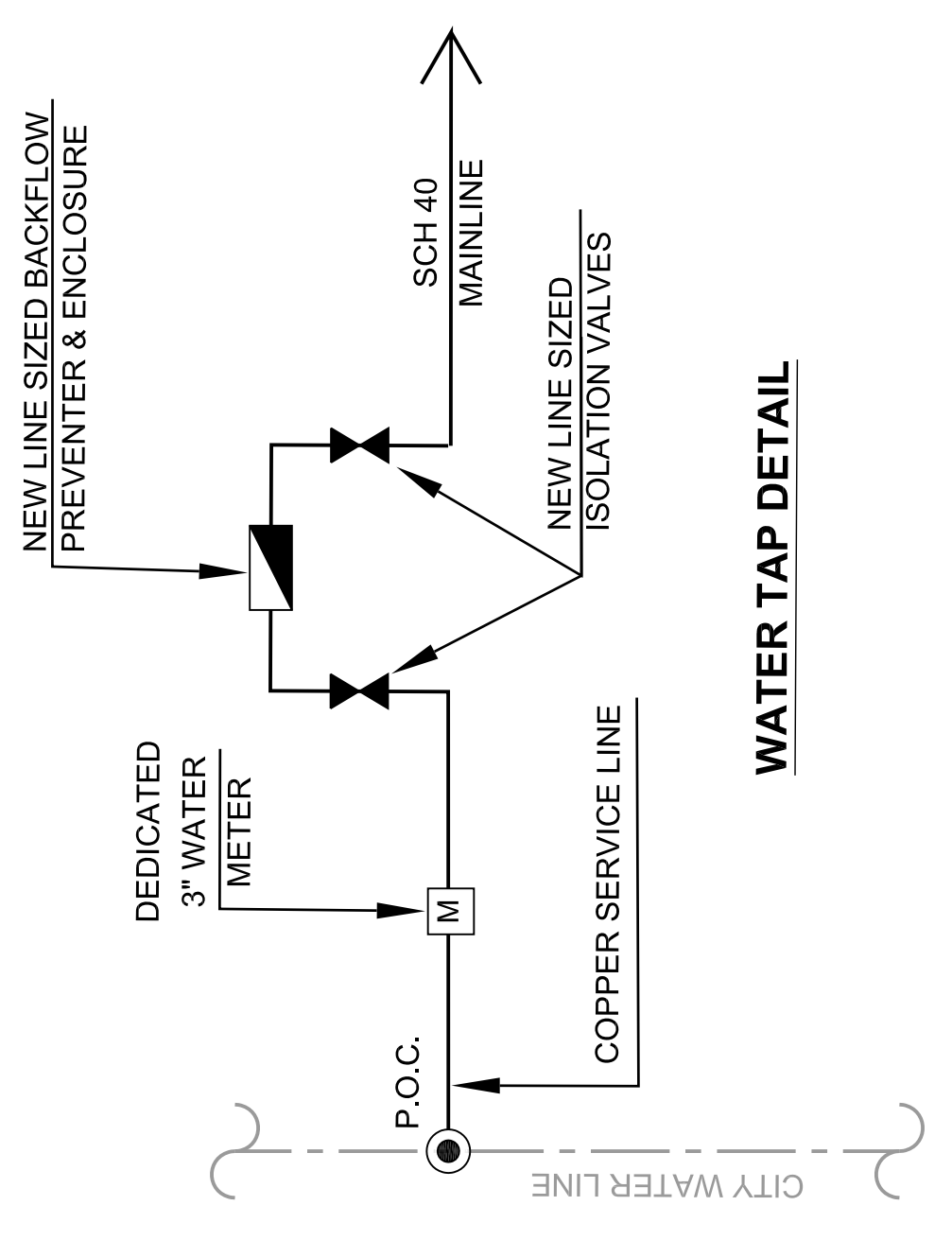
5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



Date: 05/28/13
 NEW CONSTRUCTION
 3/21/2013 FOR PERMITTING
 4/09/2013 FOR BID
 5/07/2013 ADDENDUM NO.1
 5/28/2013 ADDENDUM NO.3

IRRIGATION PLAN
2 OF 2

L6.02
 DATE:
 DRAWN BY:
 CHECKED BY:



WATER TAP DETAIL

DRIPPING STATION. SEE DETAIL SHEETS L7.01-L7.03.

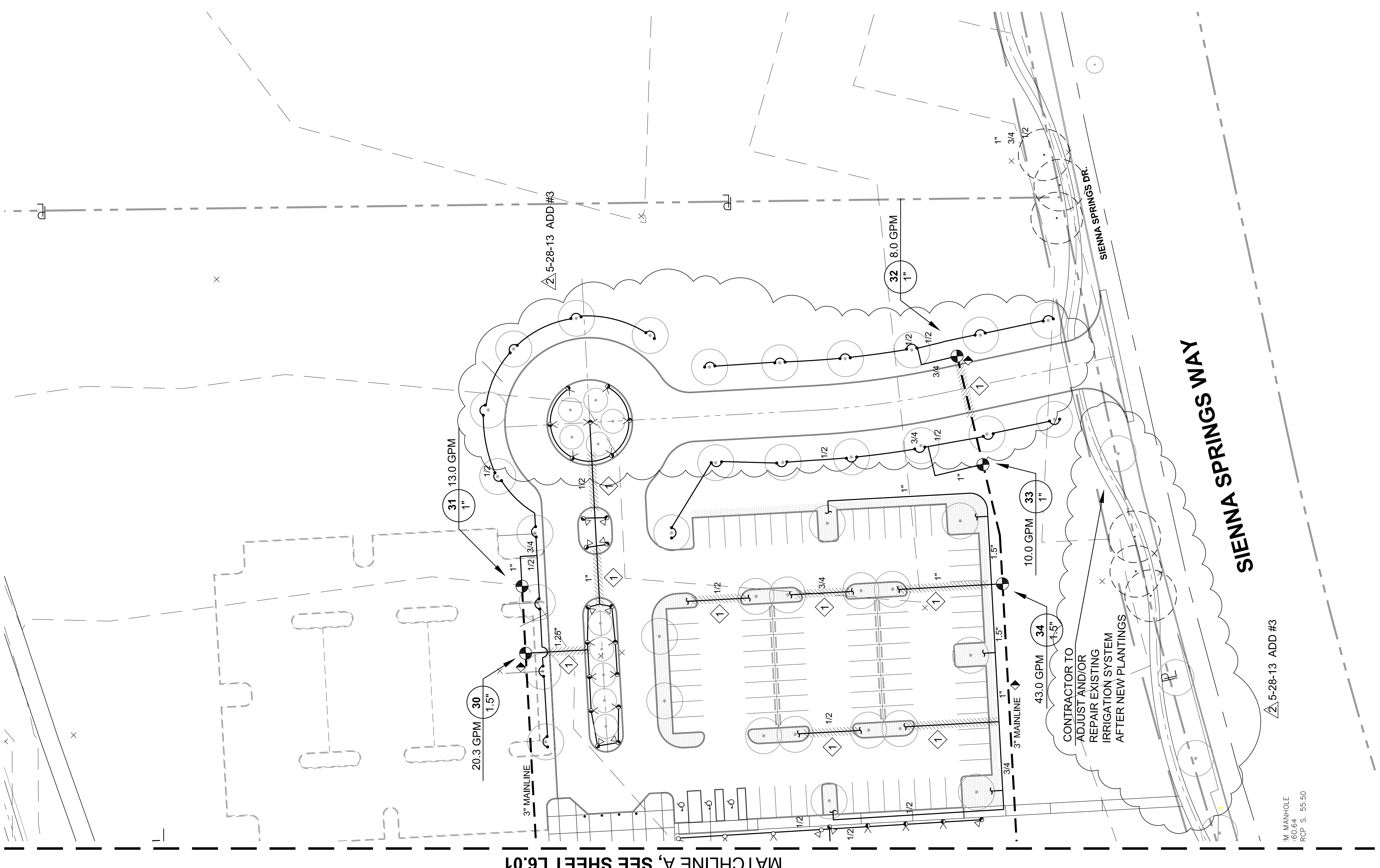
1 PLAN LEGEND

- A. ALL PIPE LOCATIONS AND IRRIGATION EQUIPMENT ARE SHOWN DIAGRAMATIC. IT IS INTENDED THAT THE IRRIGATION EQUIPMENT AND LINES BE PLACED IN THE LANDSCAPE AREAS OR DESIGNATED SLEEVES OR AS REQUIRED UNDER SIDEWALKS AND OTHER PAVEMENT AREAS. CONTRACTOR SHALL MODIFY THE LAYOUT AS NECESSARY TO REFLECT THE ACTUAL SITE CONDITIONS. TO VERIFY THE CONDITIONS AND LOCATIONS OF ALL EXISTING IRRIGATION EQUIPMENT ALONG ROADWAY PRIOR TO BEGINNING ROADWAY CONDITIONS.
- B. IRRIGATION HEADS TO BE LOCATED 1'-0" FROM B.O.C. UNLESS OTHERWISE NOTED.
- C. COORDINATE INSTALLATION OF IRRIGATION SLEEVES WITH GENERAL CONTRACTOR.
- D. CONTRACTOR TO PROVIDE, UNDER THIS CONTRACT, ALL IRRIGATION EQUIPMENT INCLUDING, BUT NOT LIMITED TO ALL PERMITS AND FEES, BACKFLOW PREVENTERS, METER PAID BY OWNER, VALVES, HEADS, LATERALS, MAINLINES, AND MISC. EQUIPMENT.
- E. SEE SHEET L7.01, L7.02 & L7.03 FOR IRRIGATION DETAILS AND NOTES.
- F. CONTRACTOR TO PROVIDE ALL MISCELLANEOUS BORINGS UNDER SIDEWALKS AND PAVEMENT BEYOND THOSE INDICATED ON THE DRIVEWAY.
- G. LOCATE IRRIGATION CONTROLLER IN BUILDING STORAGE ROOM #105. PROVIDE HARDWIRED ELECTRICAL CONNECTION.

2 GENERAL NOTES

◇ 6" SCH 40 PVC IRRIGATION SLEEVE.

3 PLAN NOTES

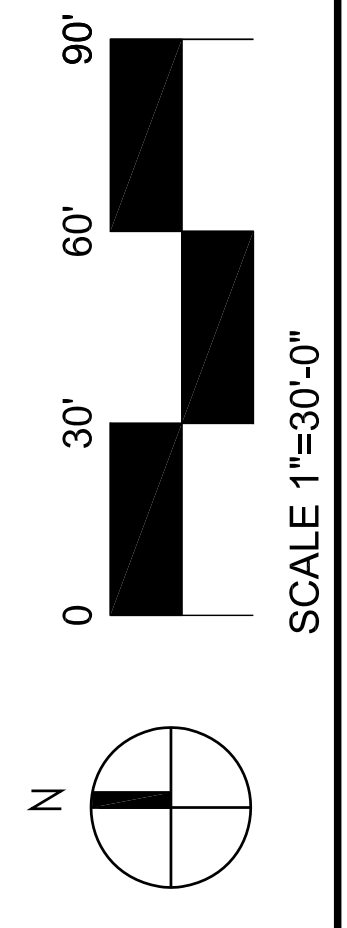


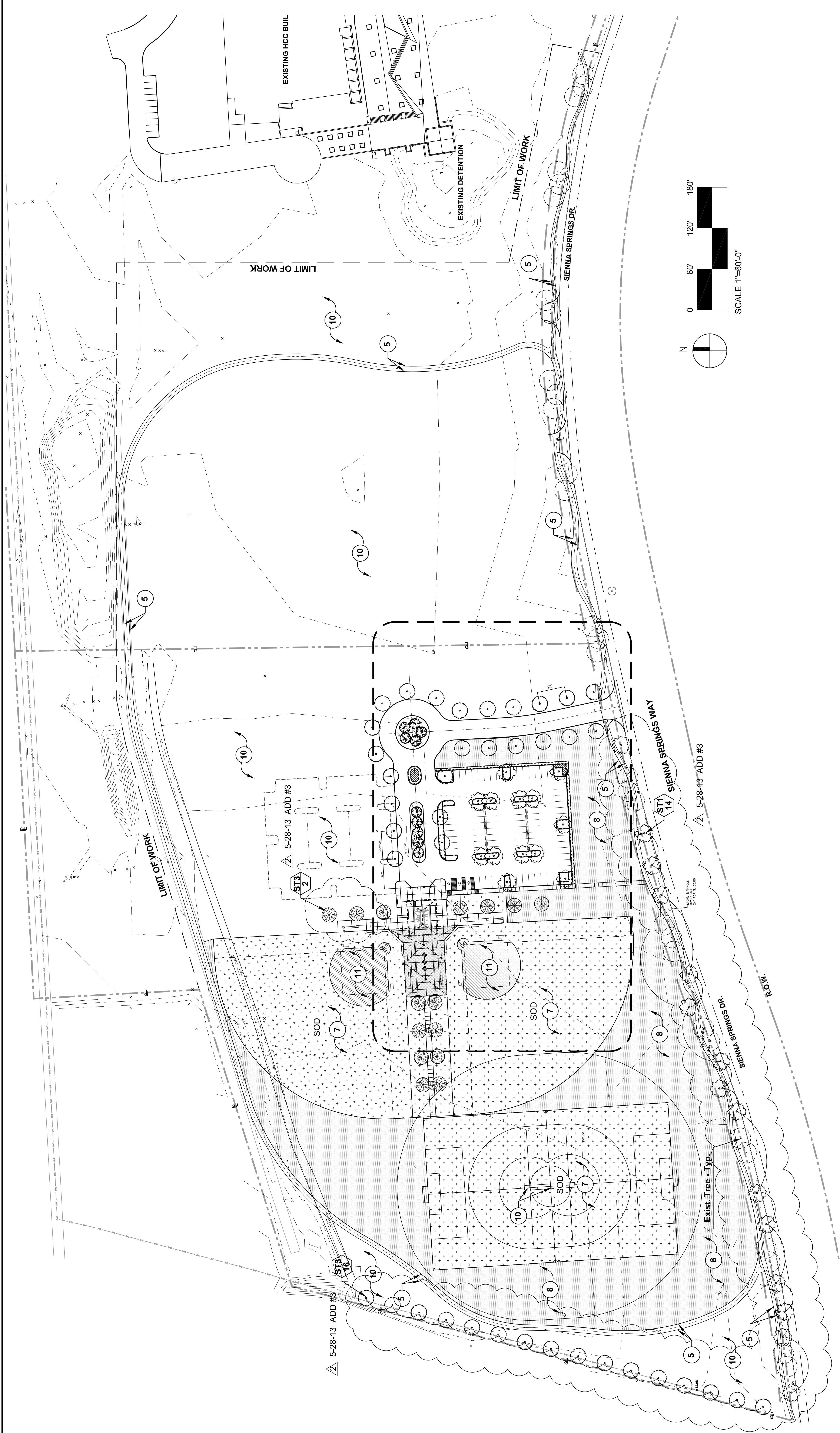
MATCHLINE A, SEE SHEET L6.01

M MANHOLE
 60.64
 RCP 5. 55.50

5-28-13 ADD #3

CONTRACTOR TO ADJUST AND/OR REPAIR EXISTING IRRIGATION SYSTEM AFTER NEW PLANTINGS





- 1. METAL PLANT BED EDGING, SEE DETAIL #7, SHEET L9.00.**
2. CONCRETE PLANTING BED EDGING, SEE DETAIL #8, SHEET L9.00.
3. PROVIDE #1/2" CROWN TO PLANTING BED.
4. 4" HARDWOOD BARK MULCH - TYPICAL.
5. (2) ROWS OF SOLID SOD TYPICAL.
6. NOT USED.
7. TYPE 'A' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
8. TYPE 'B' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
9. TYPE 'C' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
10. TYPE 'D' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
11. 4" OF RED CLAY INFELD DIRT MIX, SEE SPECIFICATIONS.
12. DECOMPOSED GRANITE PAVING, SEE DETAIL #5, SHEET L3.02.
13. NO LANDSCAPE IMPROVEMENTS ON THIS AREA.

- TURF LEGEND**
- TYPE 'A'**
1. DISC, RAKE, REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
 2. ROUGH GRADE TO 1" BELOW FINISH GRADE AND INCORPORATE EXIST. 3/8" GREENED LEAF MOLD COMPOST INTO TOP 4" OF SOIL.
 3. ADD SOIL AMENDMENTS AS MAY BE REQUIRED.
 4. SOLID SOD AS SPECIFIED. (65-1)
- TYPE 'B'**
1. DISC, RAKE, REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
 2. ROUGH GRADE TO 1" BELOW FINISH GRADE AND INCORPORATE EXIST. 3/8" GREENED LEAF MOLD COMPOST INTO TOP 4" OF SOIL.
 3. ADD SOIL AMENDMENTS AS PER SPECIFICATIONS.
 4. APPLY PRE/POST EMERGENT HERBICIDE.
 5. HYDROMULCH TURF AS SPECIFIED. (65-1) (2 WEEKS AFTER HERBICIDE)

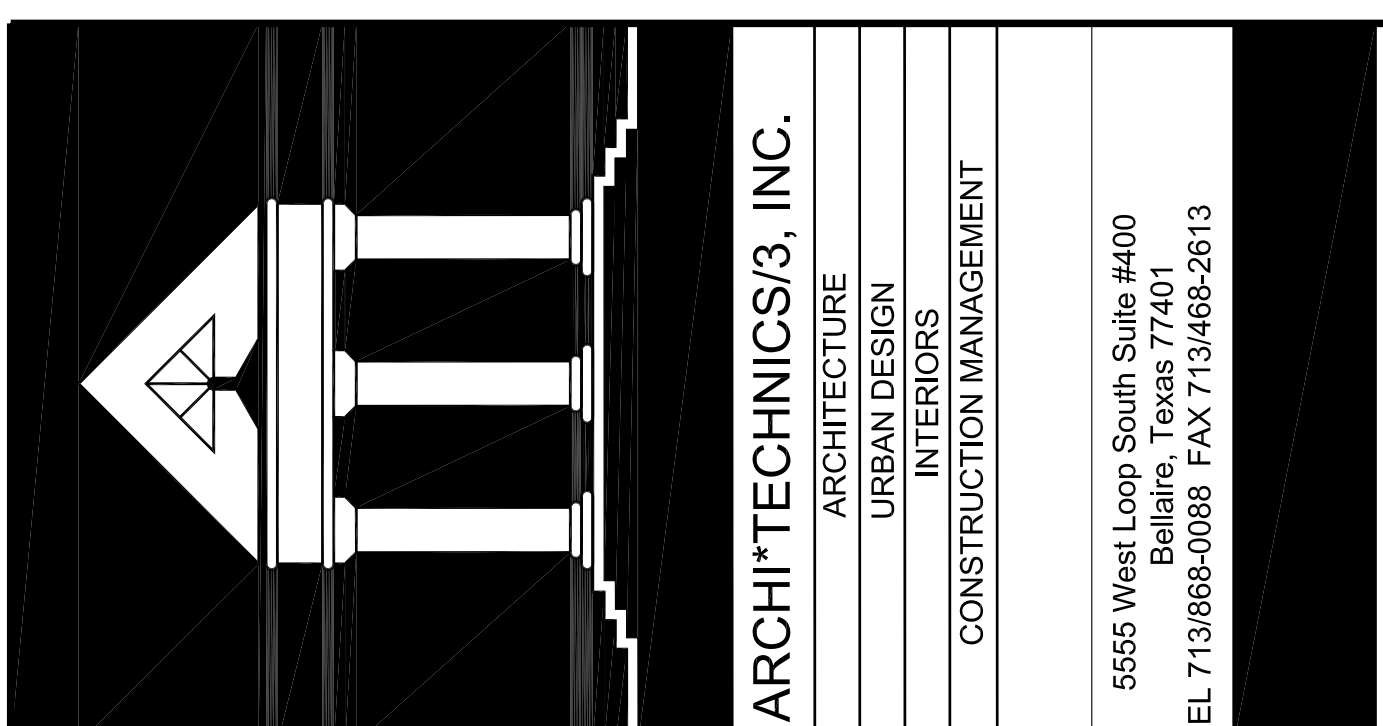
- TYPE 'C'**
1. REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
 2. BOX BLADE ANY DEPRESSIONS AND/OR RISES NOT TAKEN CARE OF DURING SITE PREPARATION CLEARING AND GRUBBING ACTIVITIES.
 3. APPLY PRE/POST EMERGENT HERBICIDE.
 4. HYDROMULCH TURF AS SPECIFIED. (65-1) (2 WEEKS AFTER HERBICIDE)
- TYPE 'D'**
1. REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
 2. BOX BLADE ANY DEPRESSIONS AND/OR RISES NOT TAKEN CARE OF DURING SITE PREPARATION CLEARING AND GRUBBING ACTIVITIES.
 3. SCALP MOW EXISTING VEGETATION.
 4. OVERSEED WITH TURF GRASS AS SPECIFIED. (65-1)

- A. CONTRACTOR TO LAYOUT ALL PLANTING BED LIMITS AND LOCATIONS OF ALL PROPOSED TREES IN THE FIELD FOR APPROVAL OF LANDSCAPE ARCHITECT.**
B. TREES SHALL BE PLANTED NO CLOSER THAN 5'-0" (AS MEASURED FROM CENTER OF TRUNK) FROM ANY WALKWAY, FENCE, BUILDING, OR OTHER HARDSCAPE ITEM.
C. CONTRACTOR SHALL FINE GRADE ALL LANDSCAPE AREAS.
D. CONTRACTOR TO PROVIDE MINIMUM 2" OF APPROVED TOPSOIL WORKED INTO EXISTING SOIL FOR ALL AREAS TO RECEIVE HYDROMULCHING AND TOP DRESS ALL AREAS TO RECEIVE SOLID SOD WITH 1" TOP SOIL MIXTURE. ALL AREAS TO BE WEED FREE FOR 90 DAYS.
E. WHERE INDICATED ON THE DRAWINGS AS TURF, THIS SHALL MEAN FULL COVERAGE HYDROMULCHING PER SPECIFICATIONS, WHERE INDICATED ON THE DRAWINGS AS SOD, THIS SHALL MEAN SOLID SOD COVERAGE PER SPECIFICATIONS.
F. SEE PLANTING DETAIL SHEET L9.00 FOR PLANTING QUANTITIES AND DETAILS.
G. CONTRACTOR TO PROVIDE WEED BARRIER PRIOR TO INSTALLING MULCH.
H. CONTRACTOR REQUIRED TO WATER SOD AND PLANTING AREAS NOT COVERED BY AUTOMATED IRRIGATION SYSTEM THROUGH 90 DAYS MAINTENANCE PERIOD AND TURF ESTABLISHMENT PERIOD.
I. ALL AREAS TO BE WEED FREE FOR 1 YEAR MAINTENANCE PERIOD.

- 1. PLAN LEGEND**
- | TYPE | SYMBOL | SCIENTIFIC NAME | COMMON NAME |
|--------------------|--------|-------------------------------|--------------------|
| TREE | ST-1 | Ulmus parviflora 'Drake' | Drake Elm |
| | ST-2 | Quercus virginiana | Live Oak |
| | ST-3 | Quercus nuttallii | Nuttall Oak |
| ACCENT TREE | AT-1 | Laguncularia indica | Crepe Myrtle |
| | SH-1 | Myrica cerifera 'Doris Dwarf' | Dwarf Wax Myrtle |
| SHRUB/GROUND COVER | SH-2 | Ilex vomitoria 'Nana' | Dwarf Yaupon Holly |
| | SH-3 | Rosa sp. 'Nockout' | Nockout Roses |
| | GR-1 | Trachypogon sp. 'Astic' | Asian Jasmine |
| ORNAMENTAL GRASS | GR-2 | Loligo glauca | Giant Liriope |
| | GR-3 | Iris x Louisiana | Louisiana Iris |
| | GR-4 | Ophiopogon japonicum 'Astic' | Astic Grass |
| | GR-5 | Cynodon dactylon | Common Bermuda |
| Turf/Sod | GS-1 | Cynodon dactylon | Common Bermuda |

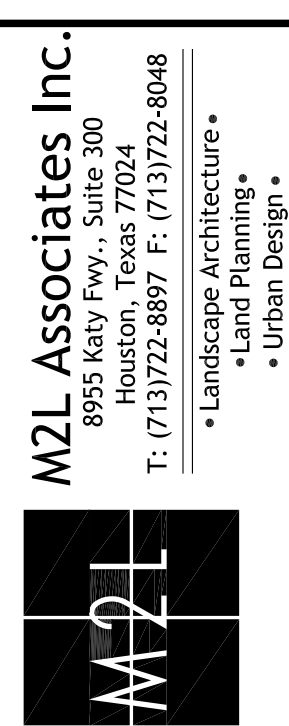
- 2. GENERAL NOTES**

- 3. PLAN NOTES**



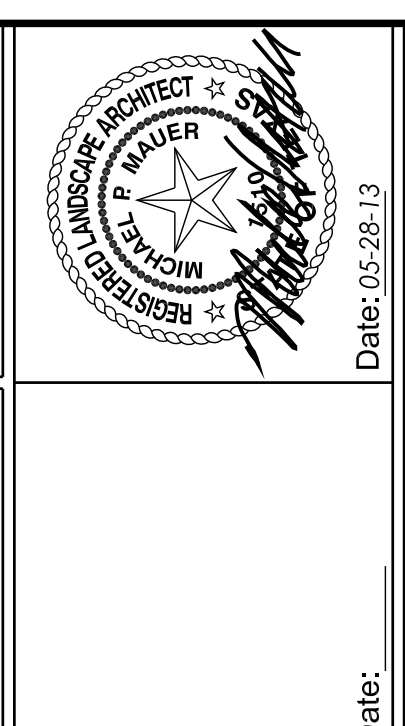
ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/866-0088 FAX 713/468-2813



M2L Associates Inc.
8900 Katy Road, Suite 300
Houston, Texas 77024
T: (713)722-8877 F: (713)722-8608
• Landscape Architecture •
• Land Planning •
• Urban Design •

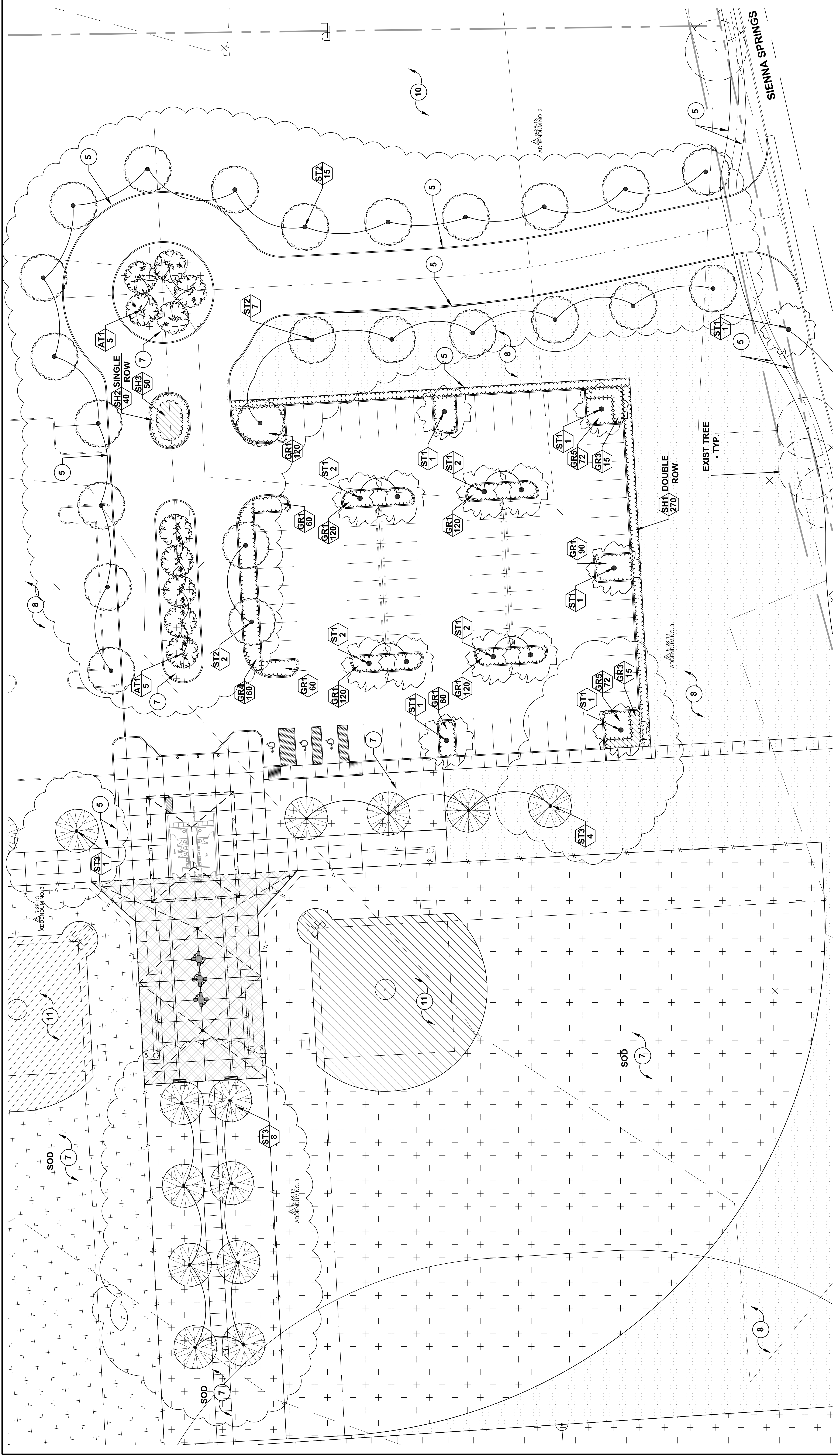
RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS
5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date: 05-28-13
NEW CONSTRUCTION
3/21/2013 FOR PERMITTING
4/09/2013 FOR BID
5/07/2013
5/28/2013
ADDENDUM NO.1
ADDENDUM NO.3

ENLARGED
PLANTING PLAN

DATE: **L 8.02**
DRAWN BY:
CHECKED BY:



TYPE 'C'

- REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
- BOX BLADE ANY DEPRESSIONS AND/OR RISES NOT TAKEN CARE OF DURING SITE PREPARATION CLEARING AND GRUBBING ACTIVITIES.
- APPLY PRE/POST EMERGENT HERBICIDE.
- HYDROMULCH TURF AS SPECIFIED. (2 WEEKS AFTER HERBICIDE)

TYPE 'D'

- REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
- BOX BLADE ANY DEPRESSIONS AND/OR RISES NOT TAKEN CARE OF DURING SITE PREPARATION CLEARING AND GRUBBING ACTIVITIES.
- SCALP AOW EXISTING VEGETATION.
- OVERSEED WITH TURF GRASS AS SPECIFIED. (65-1)

TURF LEGEND

TYPE 'A'

- DISC, RAKE, REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
- ROUGH GRADE TO ±1" BELOW FINISH GRADE AND INCORPORATE EXISTING SOIL.
- GREENED LEAF MOLD COMPOST INTO TOP 4" OF SOIL.
- SOLID SOD AS SPECIFIED. (65-1)

TYPE 'B'

- DISC, RAKE, REMOVE DEBRIS, ROCKS (>1/2" Ø), DEAD OR DYING PLANTS (INCLUDING ROOTS), AND/OR OTHER DELETERIOUS MATERIAL.
- ROUGH GRADE TO ±1" BELOW FINISH GRADE AND INCORPORATE 1" OF APPROVED TOPSOIL INTO TOP 4" OF EXISTING SOIL.
- ADD SOIL AMENDMENTS AS PER SPECIFICATIONS.
- APPLY PRE/POST EMERGENT HERBICIDE.
- HYDROMULCH TURF AS SPECIFIED. (65-1) (2 WEEKS AFTER HERBICIDE)

TYPE 'E'

- METAL PLANT BED EDGING, SEE DETAIL #7, SHEET L9.00.
- CONCRETE PLANTING BED EDGING, SEE DETAIL #8, SHEET L9.00.
- PROVIDE #1/2" CROWN TO PLANTING BED.
- 4" HARDWOOD BARK MULCH - TYPICAL.
- 6" ROWS OF SOLID SOD TYPICAL.
- NOT USED.
- TYPE 'A' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
- TYPE 'B' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
- TYPE 'C' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
- TYPE 'D' TURF TREATMENT, SEE SPECIFICATIONS/TURF LEGEND.
- 11" 4" OF RED CLAY INFIELD DIRT MIX, SEE SPECIFICATIONS.
- DECOMPOSED GRANITE PAVING, SEE DETAIL #5, SHEET L3.02.
- NO LANDSCAPE IMPROVEMENTS ON THIS AREA.

TURF LEGEND

TYPE 'A'

TYPE 'B'

TYPE 'C'

TYPE 'D'

TYPE 'E'

GENERAL NOTES

- CONTRACTOR TO LAYOUT ALL PLANTING BED LIMITS AND LOCATIONS OF ALL PROPOSED TREES IN THE FIELD FOR APPROVAL OF LANDSCAPE ARCHITECT.
- TREES SHALL BE PLANTED NO CLOSER THAN 5'-0" (AS MEASURED FROM CENTER OF TRUNK) FROM ANY WALKWAY, FENCE, BUILDING, OR OTHER HARDSCAPE ITEM.
- CONTRACTOR SHALL FINE GRADE ALL LANDSCAPE AREAS.
- CONTRACTOR TO PROVIDE MINIMUM 2" OF APPROVED TOPSOIL WORKED INTO EXISTING SOIL. FOR ALL AREAS TO RECEIVE HYDROMULCHING AND TOP DRESS ALL AREAS TO RECEIVE SOLID SOD WITH 1" TOP SOIL MIXTURE. ALL AREAS TO BE WEED FREE FOR 90 DAYS.
- WHERE INDICATED ON THE DRAWINGS AS TURF, THIS SHALL MEAN FULL COVERAGE HYDROMULCHING PER SPECIFICATIONS. WHERE INDICATED ON THE DRAWINGS AS SOD, THIS SHALL MEAN SOLID SOD COVERAGE PER SPECIFICATIONS.
- SEE PLANTING DETAIL SHEET L9.00 FOR PLANTING QUANTITIES AND DETAILS.
- CONTRACTOR TO PROVIDE WEED BARRIER PRIOR TO INSTALLING MUGH.
- CONTRACTOR REQUIRED TO WATER SOD AND PLANTING AREAS NOT COVERED BY AUTOMATED IRRIGATION SYSTEM THROUGH 90 DAYS MAINTENANCE PERIOD AND TURF ESTABLISHMENT PERIOD.
- ALL AREAS TO BE WEED FREE FOR 90 DAYS MAINTENANCE PERIOD.

PLAN LEGEND

TYPE	SYMBOL	SCIENTIFIC NAME	COMMON NAME
Tree	ST-1	Ulmus parviflora 'Drake'	Drake Elm
	ST-2	Quercus virginiana	Live Oak
	ST-3	Quercus nutallii	Nuttall Oak
Accent Tree	AT-1	Lagerstroemia indica	Crape Myrtle
	AT-2	Myrica carolinensis 'Doris Dwarf'	Dwarf Wax Myrtle
Shrub/Grass	SH-1	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly
	SH-2	Rosa sp. 'Nockout'	Nockout Roses
	SH-3	Trachelium sp.	Common Bermud
Ornamental Grass	GR-1	Trachypogon sp.	Common Bermud
	GR-2	Liriope sp.	Common Bermud
	GR-3	Dianella bicolor	Common Bermud
	GR-4	Diarrhea sp.	Common Bermud
	GR-5	Ophiopogon japonicum 'Azele'	Common Bermud
Turf/Sod	GS-1	Cynodon dactylon	Common Bermud

PLAN NOTES



GENERAL REVISIONS

1. 5-28-13 ADD #3

SCOPE OF ELECTRICAL WORK

1. PROVIDE AND INSTALL NEW PARKING LOT, SECURITY LIGHTS, LIFT STATION, AND REST ROOMS PER DRAWINGS.
2. PROVIDE IECC REQUIRED TIMERS AND PHOTO ELECTRIC SWITCHES TO MEET ALL APPLICABLE CODES.

KEYED NOTES THIS DRAWING ONLY.

1. BORE UNDER PAVEMENT. DO NOT CUT PAVEMENT.
2. ALL PARKING LIGHT POLES TO BE LOCATED 2'-0" BACK OF CURB OR SIDEWALK. POLES MAY BE MOVED LATERALLY 2'-0" IN EITHER DIRECTION TO AVOID ANY UNFORSEEN CONFLICTS.

GENERAL NOTES

1. BEFORE CONTRACTOR BEGINS ESCAVATION FOR UNDERGROUND CONDUIT, HE MUST CALL PROJECT MANAGER TO SET UP ON SITE MEETING TO VERIFY ALL EXISTING LIGHTING IS WORKING. IF MEETING IS NOT SCHEDULED THEN ALL LIGHTING WILL BE CONSIDERED IN WORKING ORDER AND CONTRACTOR WILL BE RESPONSIBLE FOR ELECTRICAL LIGHTING DAMAGES.
2. PROVIDE NEW 120/240V, 1PH, 3W ELECTRIC SERVICE BY CPE CO.
3. MAKE ALL ARRANGEMENTS, OBTAIN ALL PERMITS AND PAY ALL FEES.
4. ELECTRICAL CONDUIT TO BE FIELD ROUTED BELOW GRADE TO SERVICE PANEL. COORDINATE ROUTING AND LOCATION WITH OWNER'S REP.
5. ROUTING SHOWN FOR UNDERGROUND CONDUITS IS DIAGRAMMATIC ONLY AND SHALL BE MODIFIED AS REQUIRED ACCORDING TO FIELD CONDITIONS.

PLAN NOTES:

1. FIELD VERIFY ELECTRIC SERVICES GROUND ROD INSTALLATION, INCLUDING COMPLIANCE WITH CURRENT NEC AND CITY OF MISSOURI CITY REGULATIONS AND REPLACE IF REQUIRED.
2. CIRCUIT NUMBERS SHOWN ARE "TYPICAL". MODIFY AS REQUIRED BY FIELD CONDITIONS.
3. PROVIDE SLEEVES UNDER EXISTING PAVEMENT. DO NOT CUT PAVEMENT.
4. PROVIDE OVERRIDE SWITCH FOR ALL EXTERIOR LIGHTING. SEE DETAILS.
5. PROVIDE 1" C, (PVC) 3/8 AWG (XHHW)
6. 1" C, 3/8 AWG (XHHW) FOR ALL SECURITY LIGHT WIRING FOR VOLTAGE DROP.
7. PROVIDE QUAZITE PULL BOX FOR ALL CONDUIT RUNS OVER 150 FT. SEE DETAILS.
8. ALL ELECTRICAL GROUND BOXES SHALL BE QUAZITE TYPE "NO EXCEPTIONS".
9. COORDINATE EXACT LIGHT POLE LOCATIONS WITH CIVIL/ARCHITECTURAL PLANS AND OWNER'S REP.
10. SEE E3.0 FOR LIGHTING FIXTURE SCHEDULE.
11. PROVIDE EMPTY 2' CONDUIT WITH PULL STRING FOR TELEPHONE CONNECTION (AUTO DIALER).

**ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT**

5555 West Loop South, Suite #400
Bellaire, Texas 77401
TEL 713/868-0088 FAX 713/468-2613

M2L Associates Inc.
8955 Katy Pkwy., Suite 200
Bellaire, Texas 77408
T: (713) 722-8897 F: (713) 722-8048

- Landscape Architecture
- Land Planning
- Urban Design

**RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS**

**5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459**



Date: _____
NEW CONSTRUCTION ADDENDUM 3

**ELECTRICAL
SITE PLAN**

DATE: _____
DRAWN BY: _____
ESP1.0
CHECKED BY: _____

James E. Thompson
James E. Thompson & Associates
1169 County Road 136A
Bellaire, Texas 77408
Business: (281) 565-3759 Fax: (281) 854-4864
Mobile: (281) 565-3759
E: jthompson@jethompson.com

ELECTRICAL SPECIFICATIONS

1. SCOPE
THE SCOPE OF THE WORK COVERED HEREIN CONSISTS OF FURNISHING ALL LABOR, MATERIALS, NECESSARY EQUIPMENT, AND SERVICES TO COMPLETE THE ELECTRICAL WORK AND RELATED WORK IN FULL ACCORDANCE WITH THE CITY OF MISSOURI ELECTRICAL CODES AND SPECIFICATIONS HEREIN OR BOTH AND SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT.
ALL ITEMS NOTED HEREIN, SHOWN BY THE ELECTRICAL PLANS, OR OTHERWISE IDENTIFIED AS NECESSARY TO COMPLETE THE ELECTRICAL SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR UNDER THE WORK OF THIS SECTION, WHETHER SOME ARE SPECIFICALLY MENTIONED HEREIN OR NOT.

2. CODES, RULES, PERMITS, AND FEES
ELECTRICAL CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL APPLICABLE LOCAL AND STATE CODES AND ORDINANCES.

3. DRAWINGS
DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DETAILS SHALL BE EXAMINED FOR EXACT LOCATION OF FIXTURES AND EQUIPMENT. ANY CONFLICT SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

4. SHOP DRAWINGS
THE SUBCONTRACTOR SHALL SUBMIT TO THE ENGINEER SIX (6) COPIES FOR APPROVAL OF DETAILED SHOP DRAWINGS OF ALL EQUIPMENT AND ALL MATERIALS REQUIRED TO COMPLETE THE PROJECT.

MATERIALS OR PRODUCTS IDENTIFIED HEREIN AND/OR INDICATED ON DRAWINGS BY TRADE NAME, MANUFACTURER'S NAME OR CATALOG NUMBER SHALL BE PROVIDED AS SPECIFIED. SUBSTITUTE ITEMS SHALL BE PROVIDED AND THE REASON FOR SUBSTITUTION SHALL BE PROVIDED.

5. COOPERATION WITH OTHER TRADES
THE ELECTRICAL CONTRACTOR SHALL FULLY COOPERATE WITH THE OTHER TRADES AND ALL INVOLVED TRADES TO OBTAIN NECESSARY PERMITS TO THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK OF ALL TRADES TO BE INSTALLED SATISFACTORILY AND WITH THE LEAST POSSIBLE INTERFERENCE OR DELAY. COORDINATE ALL CONDUIT RUNS AND EQUIPMENT WITH OTHER TRADES. VERIFY NAMEPLATE ELECTRICAL DATA OF ACTUAL EQUIPMENT FURNISHED BY OTHERS BEFORE BEGINNING INSTALLATION.

6. CUTTING, PATCHING, AND FINISHING
THE ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING, DRILLING, ETC. REQUIRED FOR WORK, INCLUDING PREPARING OF FINISHED SURFACES, ALL REQUIRED SHORING AND BRACING, AND ALL PROTECTION FOR SAFETY OF PERSONS AND PROPERTY.

7. EXCAVATING AND BACKFILLING
THE ELECTRICAL CONTRACTOR SHALL DO ALL TRENCH AND PIT EXCAVATING AND BACKFILLING REQUIRED FOR WORK UNDER THIS SECTION OF THE SPECIFICATIONS, INCLUDING REPAIRING OF FINISHED SURFACES; ALL REQUIRED SHORING, BRACING, PUMPING, AND ALL PROTECTION FOR SAFETY OF PERSONS AND PROPERTY.

8. MATERIALS AND WORKMANSHIP
ALL MATERIALS AND APPARATUS REQUIRED FOR THIS WORK SHALL BE NEW UNLESS INDICATED OTHERWISE ON THE PLANS. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL EQUIPMENT AND MATERIALS TO BE INSTALLED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF ALL WALL-MOUNTED ELECTRICAL DEVICES WITH THE ENGINEER PRIOR TO ROUGH-IN. CONNECTIONS AND JUNCTION BOXES TO EQUIPMENT ARE DIAGRAMMATIC. VERIFY EXACT LOCATION OF CONNECTIONS TO SPECIFIC EQUIPMENT AND DEVICES.

9. PANELBOARDS AND BREAKERS
BREAKERS SHALL BE AS MANUFACTURED BY CUTLER-HAMMER (OR EQUAL) AND BE OF SIZE AND RATING AS SHOWN ON THE DRAWING. MULTIPOLE BREAKERS SHALL HAVE A SINGLE HANDLE TRIP AND HAVE AN AIC RATING TO MATCH OTHER BREAKERS IN THE PANEL. PROVIDE A REVERSED CIRCUIT DIRECTORY, TYPED AND MOUNTED IN A CLEAR PLASTIC SLEEVE, INSIDE THE PANELBOARD.

10. GROUNDING
ALL CONDUITS SHALL HAVE A GROUND WIRE INSTALLED. A CONDUIT GROUND SHALL NOT BE USED. NEW EQUIPMENT SHALL NOT HAVE SEPARATE GROUND ROD, BUT SHALL BE BONDED TO EXISTING GROUNDING SYSTEM VIA GROUNDING CONDUCTORS.

11. MISCELLANEOUS EQUIPMENT
LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH NEC 2002. CONDUCTORS - ABOVE GROUND CONDUCTORS SHALL BE RATED 600V, XHHW OR EQUAL. CONDUCTORS #12AWG AND LARGER SHALL BE STRANDED.

12. CONDUIT
CONDUIT SHALL BE EMT INSIDE & RGS OUTSIDE. LIQUID TIGHT FLEX SHALL BE USED FOR FINAL CONNECTION TO ALL FIXED EQUIPMENT.

13. EQUIPMENT FURNISHED BY OTHERS
ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRE AND DISCONNECT SWITCHES TO CONNECT ELECTRICAL EQUIPMENT SUPPLIED BY OTHERS, WHICH SHALL INCLUDE NEW AND RELOCATED EXISTING EQUIPMENT. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS.

14. RECORD DRAWINGS
THE ELECTRICAL CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ACTUAL CONSTRUCTION, INCLUDING DEVICE LOCATIONS AND CONDUIT RUNS IF DIFFERENT FROM THE PLANS. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A REPRODUCIBLE SET OF PLANS OF THE COMPLETE ELECTRICAL SYSTEM AS INSTALLED (AS-BUILT DRAWINGS). THE SCALE ON THESE AS-BUILT DRAWINGS SHALL BE NO SMALLER THAN THE SCALE USED ON THE ORIGINAL PLANS.

15. TESTING
FINAL TESTS SHALL BE MADE ONLY AFTER THE ENGINEER IS SATISFIED THAT ALL WORK HAS BEEN COMPLETED. TESTING SHALL INCLUDE ALL TRADES ELECTRICAL CONTRACTOR SHALL NOT BE RELIEVED OF OTHER RESPONSIBILITIES UNTIL FINAL TESTING HAS BEEN COMPLETED AND INSTALLATION IS SATISFACTORY TO THE ENGINEER AND OWNER'S REPRESENTATIVE.

16. FINAL ACCEPTANCE
AFTER TESTING, THE FINAL INSPECTION SHALL BE MADE BY THE ENGINEER AND OTHER AUTHORIZED PERSONS ALONG WITH THE ELECTRICAL CONTRACTOR.
FINAL ACCEPTANCE OF THE PROJECT SHALL NOT PREJUDICE THE OTHERS' OBLIGATION TO REQUIRE REPLACEMENT AND/OR REPAIR OF ANY DEFECTIVE WORK OR MATERIALS.

17. ELECTRICAL NOTES
FURNISH ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, INSURANCE, SERVICES AND PERMITS NECESSARY TO CONSTRUCT AND INSTALL A COMPLETE OPERATING ELECTRICAL SYSTEM.
ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE CODES AS REQUIRED BY THE CITY OF MISSOURI CITY.
CONTRACTOR SHALL OBTAIN ALL PERMITS AND SHALL PAY FOR ALL ASSOCIATED EXPENSES, PRINTING AND INSPECTIONS.
ALL MATERIAL SHALL BE NEW AND UL LISTED. MATERIAL SHALL BEAR THE APPROVAL LABEL OF UL, WHEN SUCH IS AVAILABLE.
UNLESS OTHERWISE SHOWN, ALL BRANCH CIRCUIT WIRES SHALL BE THINWALL COPPER. FEEDERS TO PANELBOARDS AND INCOMING SERVICE SHALL BE THW OR THWN COPPER.
ALL ELECTRICAL CONDUITS, RACEWAYS AND CABLES SHALL HAVE A GROUND CONDUCTOR. MINIMUM SIZE SHALL BE NO. 12 AWG.
EXACT LOCATION AND MOUNTING HEIGHT OF LIGHTING FIXTURES SHALL BE COORDINATED WITH THE OWNER AND THE EQUIPMENT VENDOR.

TOGGLE SWITCHES SHALL BE MOUNTED AT 42 INCHES ABOVE FINISHED FLOOR. WALL MOUNTED RECEPTACLES SHALL BE MOUNTED AT 15 INCHES A.F.F. AND 6 INCHES ABOVE COUNTERS. WIRING DEVICES THAT OCCUR TOGETHER SHALL BE GANGED UNDER A COMMON WALL PLATE.
COLOR OF WALL PLATES SHALL BE AS DIRECTED BY THE OWNER.
EACH PANEL AND SAFETY SWITCH SHALL BE IDENTIFIED BY AN ENGRAVED, LAMINATED NAMEPLATE.
COORDINATE CONDUIT ROUTING AND METHOD OF SUPPORT WITH THE OWNER.
FEEDER INSTALLATION SHALL BE EMT INDOORS AND HDG RIGID STEEL CONDUIT FOR EXPOSED WORK OUTDOORS. BRANCH CIRCUIT INSTALLATION IN CEILING SHALL UTILIZE TYPE AC CABLE WITH GROUND WIRE. CONDUCTORS SHALL BE NO. 12 AWG HOMERUNS OF 20 AMP BRANCH CIRCUITS EXCEEDING 100 FEET IN LENGTH SHALL BE NO. 10 AWG.
COMPLETE, TYPED PANEL DIRECTORIES SHALL BE PROVIDED UPON COMPLETION OF WORK INCLUDING EXISTING PANELS.
UPON COMPLETION OF WORK, THE CONTRACTOR SHALL FURNISH THE OWNER WITH A REVERSED CIRCUIT DIRECTORY, TYPED AND MOUNTED IN A CLEAR PLASTIC SLEEVE, INSIDE THE PANELBOARD.
CONTRACTOR SHALL CONNECT ALL OWNER-PROVIDED EQUIPMENT AS LISTED IN PANEL SCHEDULES. EQUIPMENT SHALL BE IDENTIFIED AS SHOWN ON THE DRAWINGS.
FINAL CONNECTIONS TO CEILING MOUNTED LIGHTING FIXTURES SHALL BE MADE IN A MANNER THAT PROVIDES ACCESS TO THE CABLE PROVIDE SUTACK SO THAT FIXTURE CAN BE MOVED TO THE NEXT CEILING TILE.

WIRING DEVICES SHALL BE SPECIFICATION GRADE.

CONDUCTOR SIZES, WHERE SHOWN ON THE ONE-LINE DIAGRAM, ARE THE MINIMUM REQUIRED BY THE NEC. CONTRACTOR MAY RESIZE THE PANELBOARD FEEDERS IF CONDITIONS WARRANT. THESE DRAWINGS IDENTIFIED ALL KNOWN ELECTRICAL LOADS AND ASSIGNED CIRCUITS TO EACH OF THE LOADS. OTHER PANELBOARD OR CIRCUIT AS REQUIRED BY FIELD CONDITIONS.

WHEN CONDUIT CAN NOT BE CONCEALED IN THE WALL, UTILIZE SURFACE RACEWAY BY PANDUIT OR APPROVED EQUAL. EXHAUST FANS, BEQAM MODEL 609, SWITCH EXHAUST FANS SEPARATELY FROM REST ROOM LIGHTS.
SCOPED OR PROVIDED IS INTENDED TO COVER MOST ITEMS REQUIRED BY MISSOURI CITY ELECTRICAL CODE. CONTRACTOR IS RESPONSIBLE FOR ALL WORK ITEMS IDENTIFIED IN THESE PLANS.

CONTRACTOR AT CONCLUSION OF WORK SHALL FIELD VERIFY THAT ALL CIRCUITS ARE NON-OVERLOADING.
CONTRACTOR SHALL RE-CIRCUIT AS REQUIRED AND COMBINE CIRCUITS AS NECESSARY TO OBTAIN BALANCED LOADS.

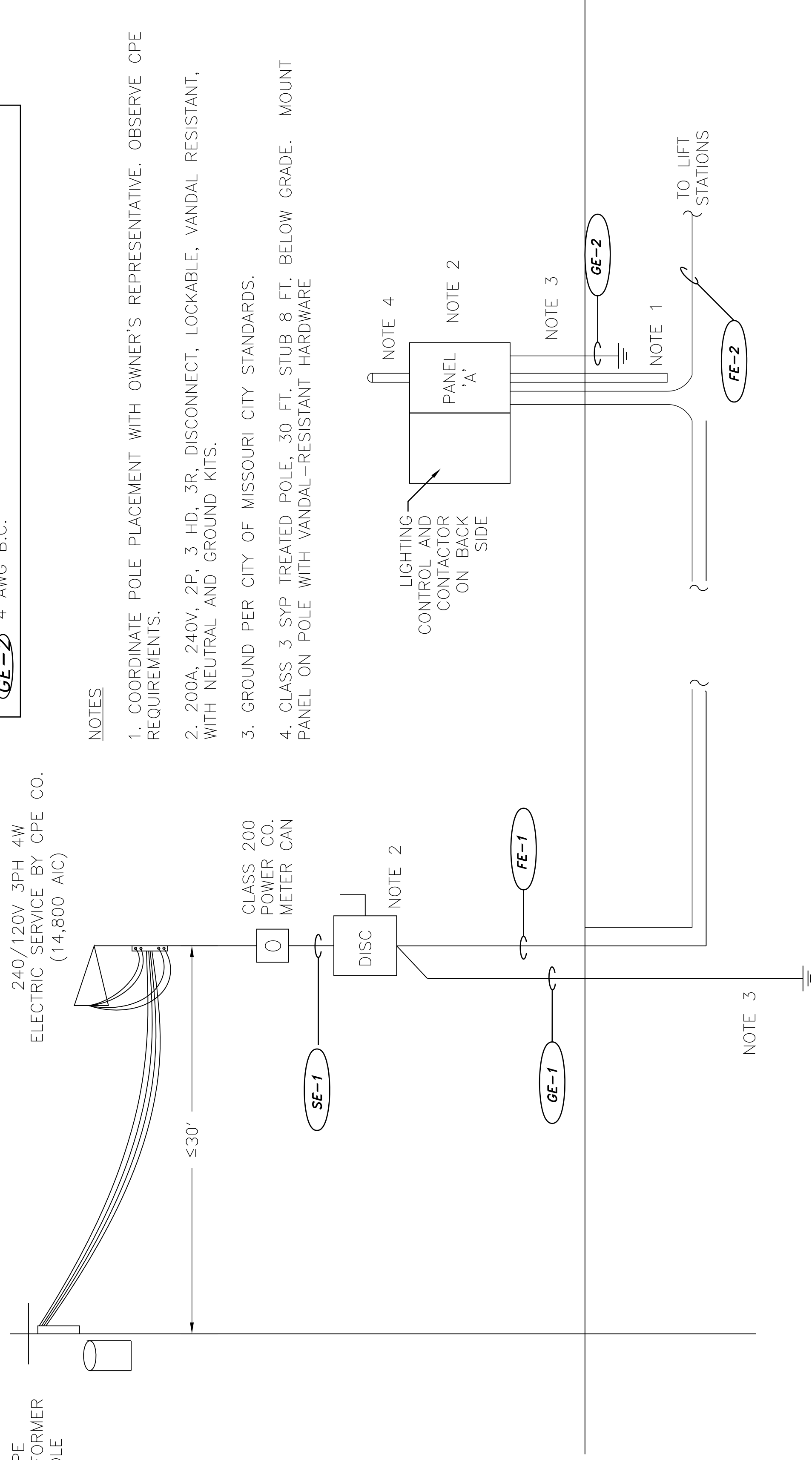
SPECIAL INSTRUCTIONS
CONTRACTOR SHALL USE OFF-THE-SHELF MOUNTING HARDWARE IF HARDWARE IS NOT AVAILABLE.
CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH OWNER PRIOR TO ORDERING OR INSTALLING ANY EQUIPMENT.

1. SERVICE CONSULTANT, ROBERT PEARSON, CPE, 281-561-2984. CONTACT HIM PRIOR TO DOING ANY WORK OR ORDERING ANY EQUIPMENT.

CONDUIT/CONDUCTOR SCHEDULE	
SE-1	2 1/2" C., 3-3/0 AWG, 1-1/0 AWG N
FE-1	2 1/2" C., 3-3/0 AWG, 1-1/0 AWG N, 1-4 AWG GND
FE-2	2" C., 3#4, 1#8N, 1#8G
GE-1	4 AWG B.C.
GE-2	4 AWG B.C.

NOTES

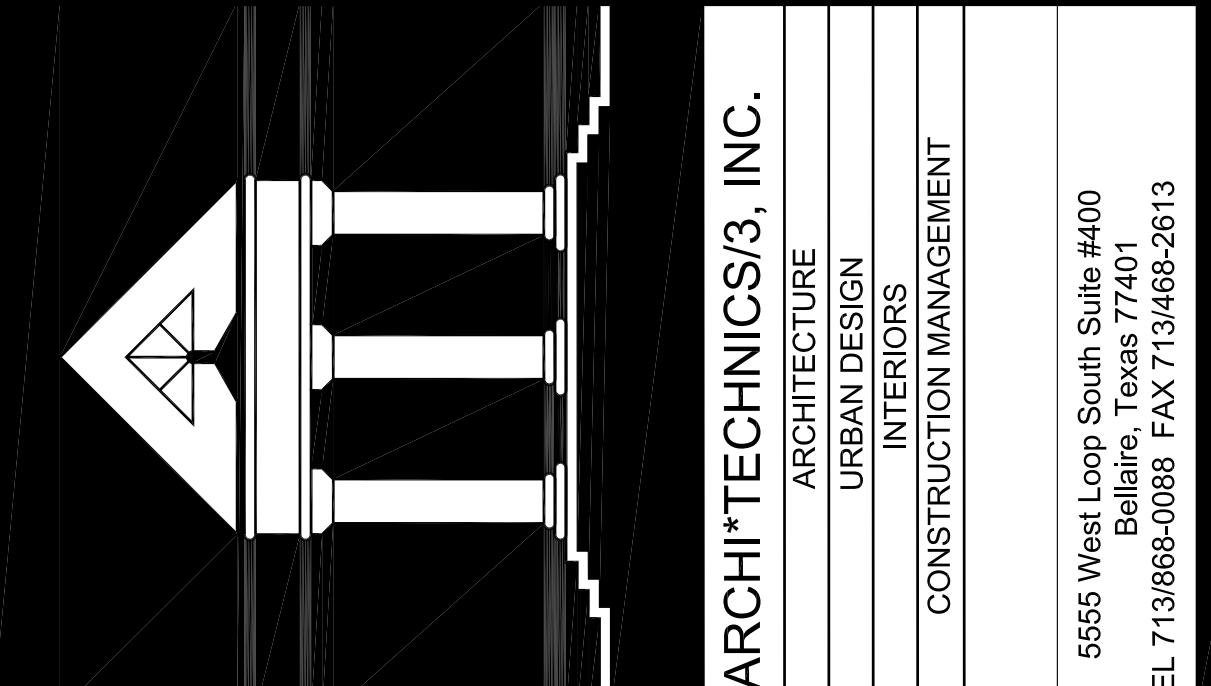
- COORDINATE POLE PLACEMENT WITH OWNER'S REPRESENTATIVE. OBSERVE CPE REQUIREMENTS.
- 200A, 240V, 2P, 3 HD, 3R, DISCONNECT, LOCKABLE, VANDAL RESISTANT, WITH NEUTRAL AND GROUND KITS.
- GROUND PER CITY OF MISSOURI CITY STANDARDS.
- CLASS 3 SYP TREATED POLE, 30 FT. STUB 8 FT. BELOW GRADE. MOUNT PANEL ON POLE WITH VANDAL-RESISTANT HARDWARE



GENERAL REVISIONS

05-26-13
ADDENDUM #3

ONE LINE DIAGRAM
SCALE-NITS



ARCHITECTURE URBAN DESIGN INTERIORS CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Houston, Texas 77056
TEL: 713/666-0888 FAX: 713/668-2613



M2L Associates Inc.
895 Katy Pkwy., Suite 300
Houston, Texas 77059
T: (713)725-8687 F: (713)725-8648
• Landscape Architecture •
• Land Planning •
• Urban Design •

HCC SOUTHWEST CAMPUS RECREATIONAL COMPLEX
5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



Date: _____
NEW CONSTRUCTION

ONE LINE DIAGRAM

E2.0

DATE: _____
DRAWN BY: _____
CHECKED BY: _____

James E. Thompson

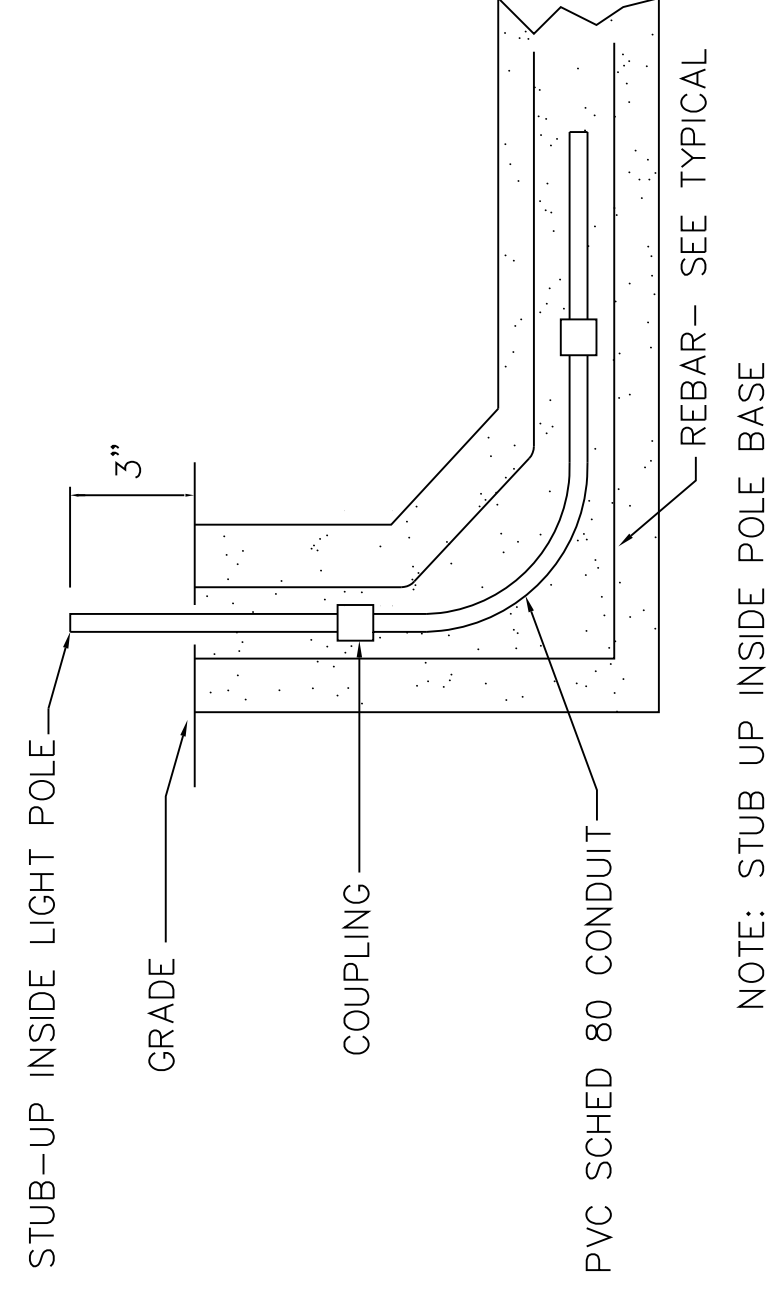
James E. Thompson & Associates
MEP Consulting Engineers
10000 Katy Road, Suite 1000
Houston, Texas 77056
Professional Engineer Registration No. F12826
Copyright 2011. All rights reserved

**ELECTRICAL LOAD ANALYSIS
PARKING, SECURITY LIGHTS, LIFT STATION, AND REST ROOMS**

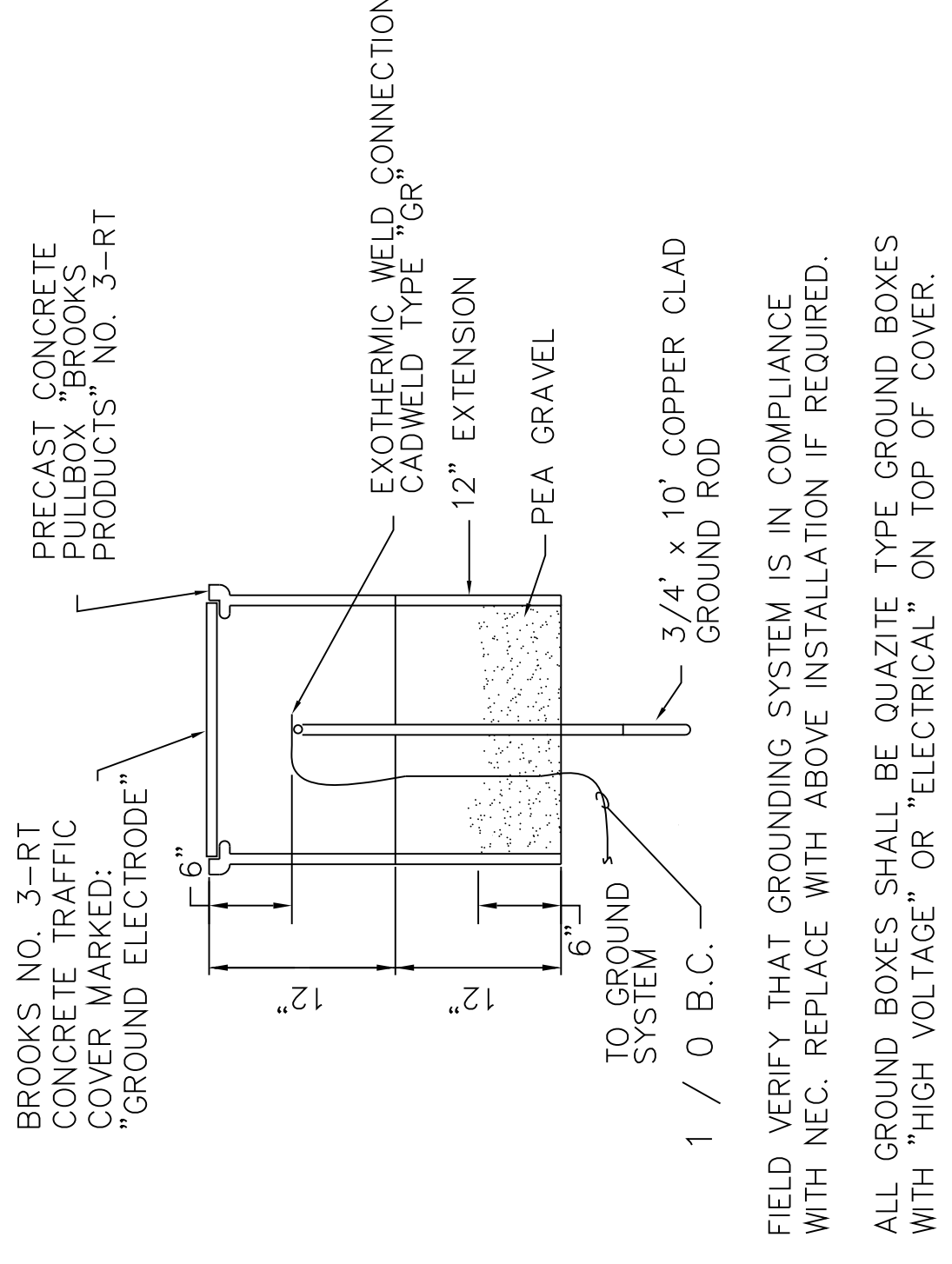
SERVICE VOLTAGE : 120/240V, 1 PHASE, 3 WIRE
OCCUPANCY : PARKING, SECURITY

LOAD DESCRIPTION

LOAD DESCRIPTION	DIV. %	DESIGN LOAD KVA	REMARKS
1 LIGHTS, 0 (a) - SF x 1 VA/SF =	0	125%	0
(b) CONNECTED INTERIOR LIGHTING	0	125%	0 Code loads larger than connected
2 RECEPTACLES, 0	0		0 First 10kVA + 50% Remaining N.E.C. Article 220-13
3 COOLING LOADS	0		0
4 HEATING LOADS	0		0 Cooling loads larger than Heating
5 MOTORS	0		0
6 REST ROOMS	18.6	18.6	
7 KITCHEN EQPT	0	65%	0 N.E.C. Article 220-20
8 OUTSIDE LIGHTING	6.53	125%	8.16
9 LIFT STATION	9.3	9.3	
10 COMPUTERS & ELECTRONIC EQPT	0		0
11 25% LARGEST MOTOR	0		0
25% x Amp x0.480x1.732			
SUBTOTAL	N/A	36.1 KVA	86.8 AMP.
PROPOSED SERVICE CAPACITY AT 120/240V		48 KVA.	200 AMP.
Provide service feeder from Power Company : Ampacity of service feeder :			2100 AMP
SARE CAPACITY AVAILABLE		11.9 KVA.	
PERCENT SPARE CAPACITY AVAILABLE		24.8 %	

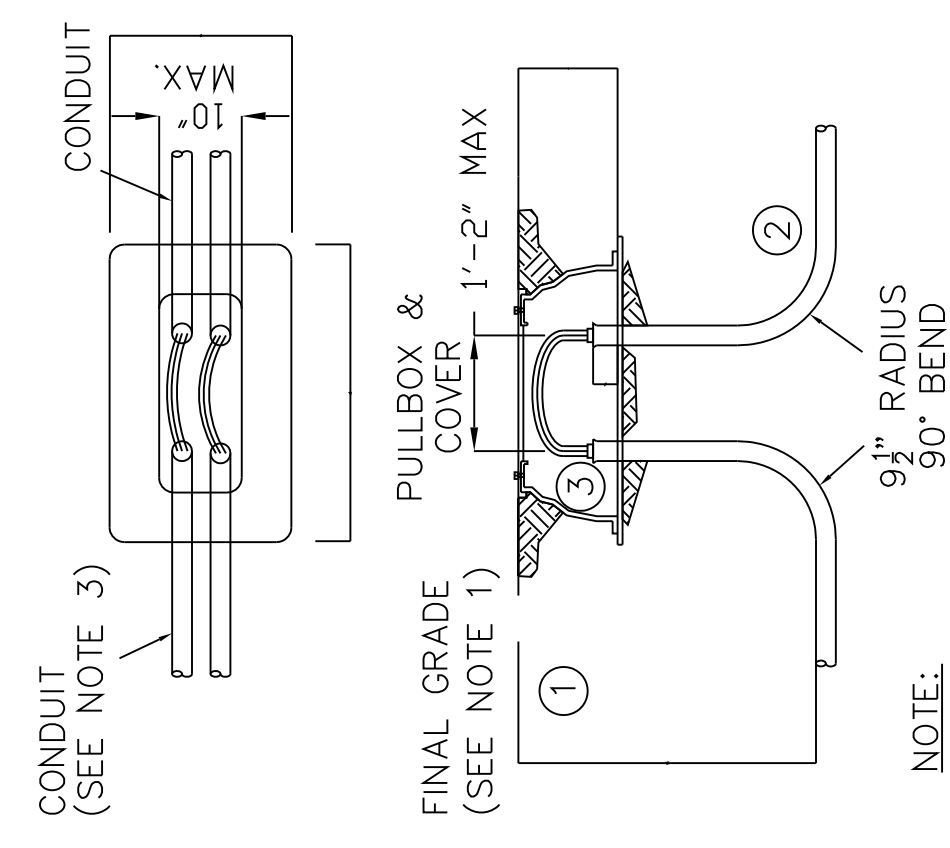


TYPICAL CONDUIT TERMINATION AT LIGHT POLE
(NOT TO SCALE)



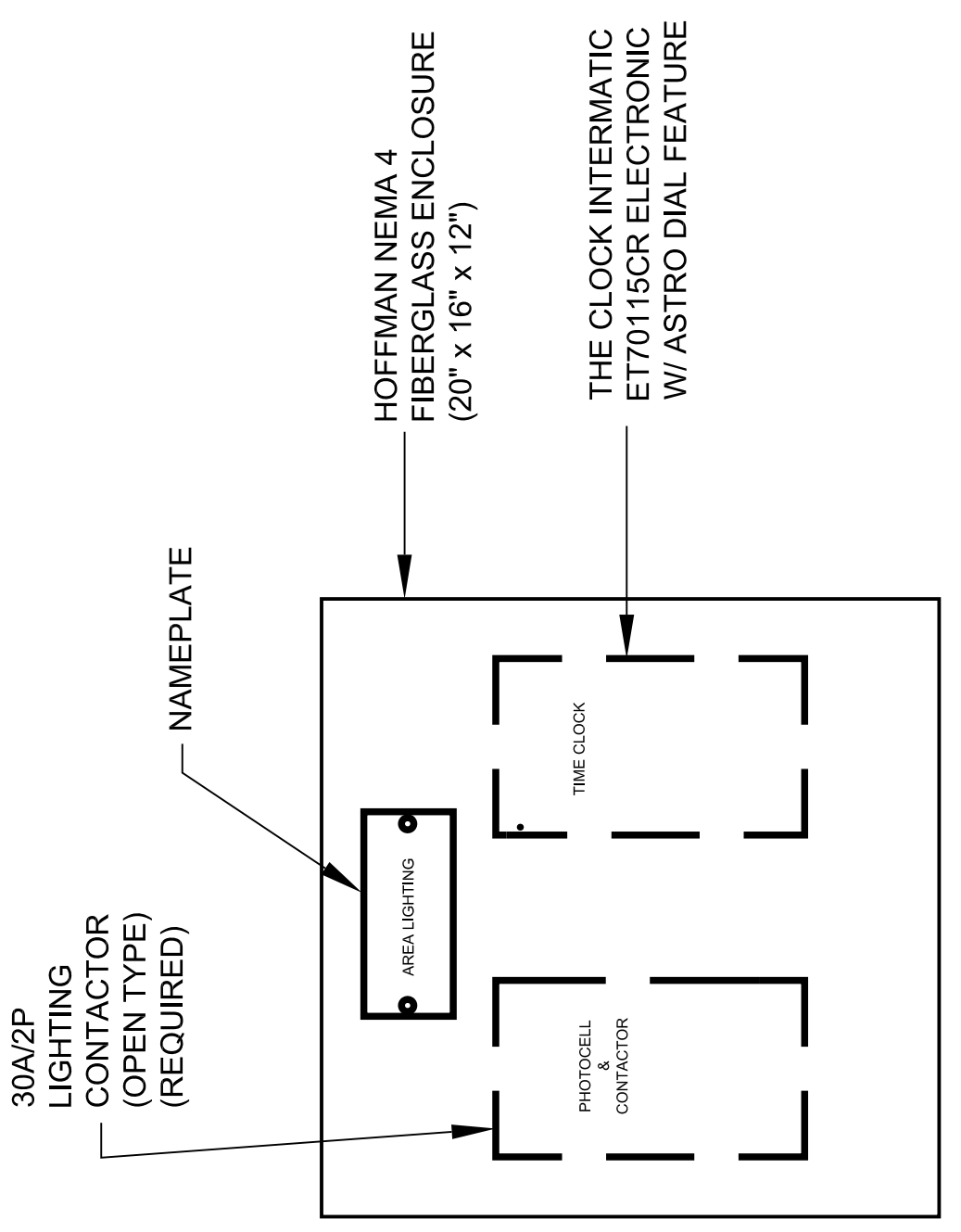
GROUND ROD INSTALLATION
(NOT TO SCALE)

5-28-13 ADD #3

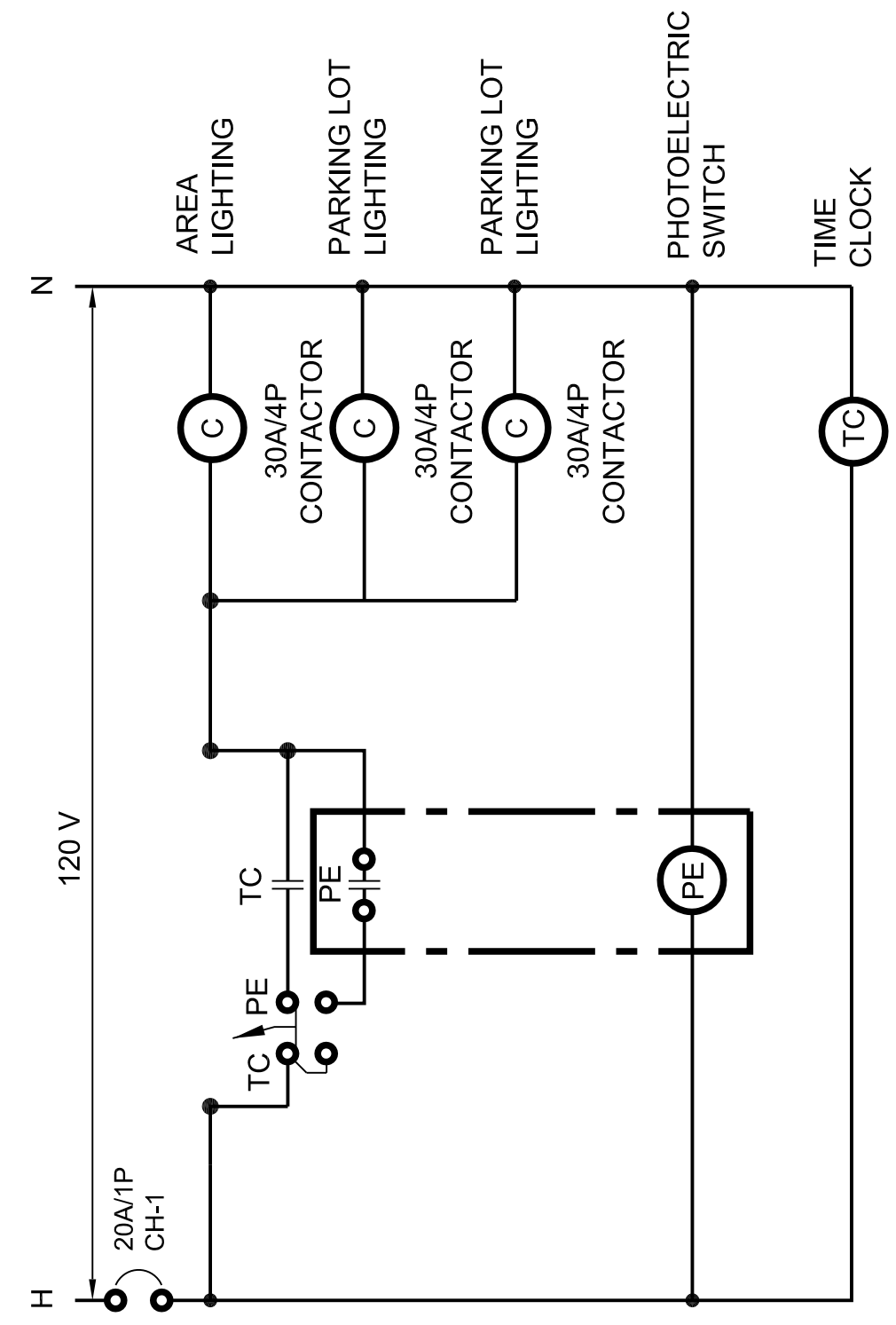
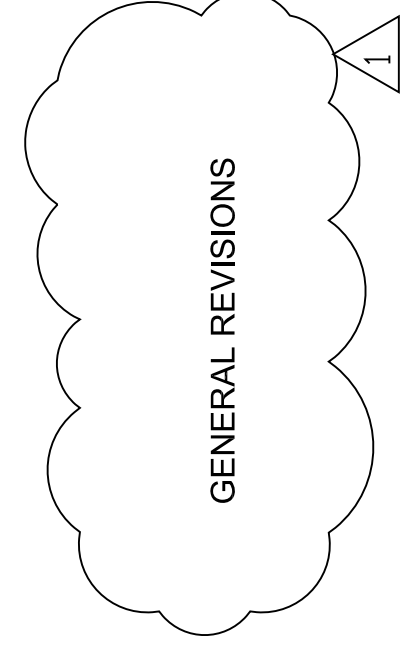


- ① GRADE AT TIME OF INSTALLATION SHALL BE CONSIDERED FINAL GRADE.
- ② CONDUITS SHALL BE AS SHOWN ON SITE PLAN.
- ③ PULL BOX "NEW BASIS CORP." PCB304818A02 WITH TAMPER PROOF COVER.

SMALL PULL BOX DETAIL
(NOT TO SCALE)



LIGHTING CONTROL PANEL
(NOT TO SCALE)



LIGHTING CONTROL DIAGRAM
(NOT TO SCALE)

- NOTES:
- 1. PROVIDE 6" CONCRETE CAP OVER CONDUIT WHERE IT CROSSES OVER OTHER UTILITY LINES. EXTEND CONCRETE 4'-6" EITHER SIDE OF CROSSOVER POINT.
- 2. UNDERGROUND CONDUIT SHALL BE ENCASED IN 3500 PSI RED CONCRETE WITH MINIMUM COVER AS SHOWN

UNDERGROUND CONDUIT
(NOT TO SCALE)

PANEL "A" (NEW) CU BUS				240/120V 3PH 4W				SURFACE MOUNT					
NO.	DESCRIPTION	LOAD	DCP	WIRE	DCP	DESCRIPTION	LOAD	DCP	WIRE	DCP	DESCRIPTION	LOAD	DCP
1	PARKING LOT LTS	3560	10	30	2	PK LOT LTS	3650	10	30	2	NEUTRAL-GRND BUS	10	30
3			10	2P	4				10	2P			
5	SECY LTS	750	10	30	6	SPACE							
7			10	2P	8	SPACE							
9					10	SPACE							
11					12	CONTROL	120					12	2P
13	LIFT STATION	9312	4	60	14	SPACE							
15			4	3P	16	REST ROOM	18600					2	100
17			4		18							2	2P
				13712				22370					

AMPACITY REQD = 36082/240/1.732 X 1.25 = 108.5 AMPS

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
☐	P1	5	ANTIQUE STREETLAMPS# EM2SR1 400M MOG GCF SR5 xxx SOWA ANDB 24 MT HT	EUROTIOQUE ARCHITECTURAL LUMINAIRE WITH SR5 REFLECTOR, CLEAR FLAT GLASS LENS.	ONE 400-WATT CLEAR ED28 METAL HALIDE, HORIZONTAL POS.	EM25_400M_MOG_GCF_S RSiles	40000	0.71	890
☐	P2	4	ANTIQUE STREETLAMPS# EM2SR1 400M MOG GCF SR5 xxx SOWA ANDB 24 MT HT	EUROTIOQUE ARCHITECTURAL LUMINAIRE WITH SR3 REFLECTOR, CLEAR FLAT GLASS LENS.	TWO 400-WATT CLEAR ED28 METAL HALIDE, HORIZONTAL POS.	EM25_400M_MOG_GCF_S RSiles	40000	0.71	445
☐	S	6	ANTIQUE STREETLAMPS# EM25 400M MOG GCF SR3 10' MT HT	EUROTIOQUE ARCHITECTURAL LUMINAIRE WITH SR3 REFLECTOR, CLEAR FLAT GLASS LENS.	ONE 100-WATT CLEAR ED28 METAL HALIDE, HORIZONTAL POS.	EM25_100M_MOG_GCF_S RSiles	10000	0.71	130

- NOTES:
- 1. ALL ELECTRONIC BALLASTS SHALL BE HIGH POWER FACTOR SUITABLE FOR LOW TEMPERATURE.
- 2. VERIFY REQUIRED VOLTAGE FOR EACH FIXTURE BEFORE ORDERING.
- 3. PROVIDE STEEL HAND HOLE COVER AND VANDAL-RESISTANCE HARDWARE
- 4. PROVIDE FACTORY SUPPLIED FUSE HOLDERS AND FUSES IN POLE BASES. SIZE PER NEC-#MFRS RECOMMENDATIONS. (1 FUSE PER HOT LEAD).
- 5. NEW 2P CONTACTOR, ASCO #620, NEMA 3R ENCL, 30A, NEMA RATED (NO SUB) 120V COIL. (2 REQUIRED).
- 6. ALL WIRES RUN UNDER GROUND SHALL BE XHHW.
- 7. SEE E-1 FOR ACTUAL FIXTURE COUNT FOR EACH POLE.
- 8. PROVIDE FACTORY SUPPLIED FUSE BITS FOR ALL LINE CIRCUIT WIRING.

James E. Thompson
Architect

James E. Thompson & Associates
1109 County Road 138A
P.O. Box 138A
Bismarck, ND 58101
Phone: (701) 251-1380
Fax: (701) 251-1381

**HCC SOUTHWEST CAMPUS
RECREATIONAL COMPLEX**
5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



DATE: 05-28-2013
NEW CONSTRUCTION
ADDENDUM 3

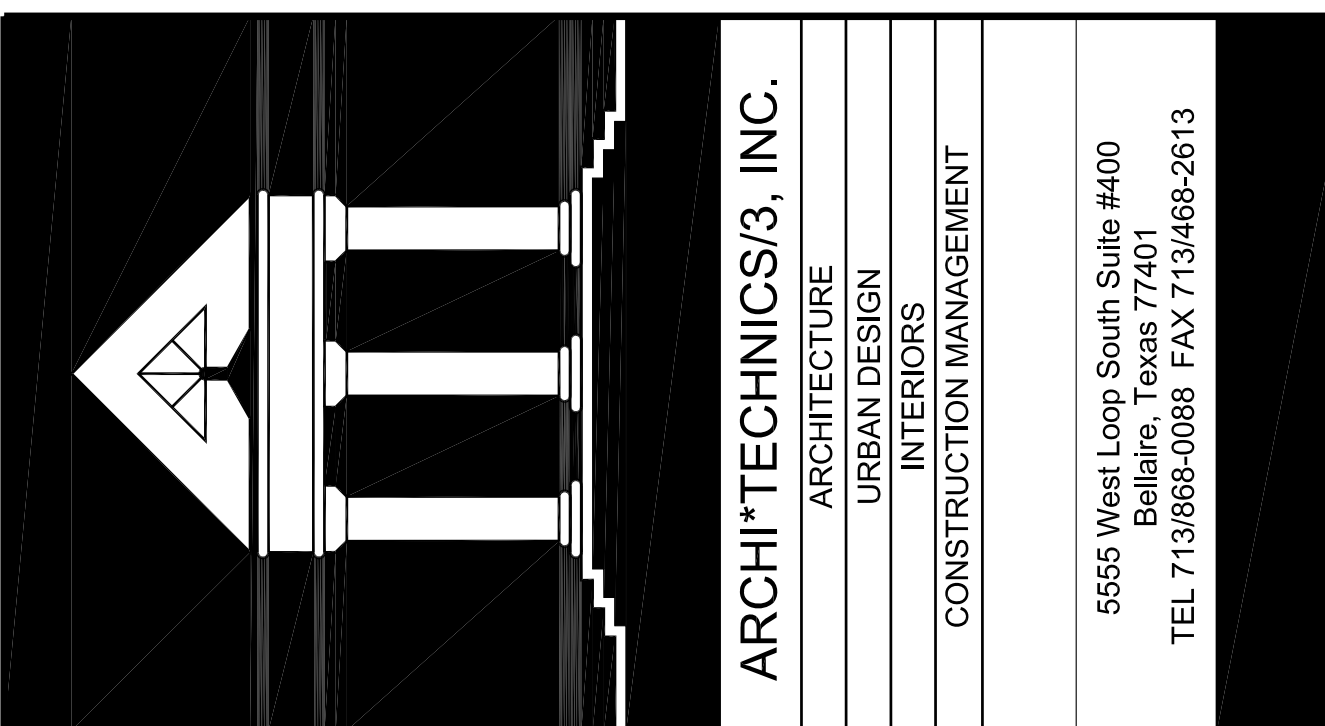
**ELECTRICAL
DETAILS**

E3.0
DRAWN BY:
CHECKED BY:

ARCHITECHNICS/3, INC.
ARCHITECTURE
URBAN DESIGN
INTERIORS
CONSTRUCTION MANAGEMENT

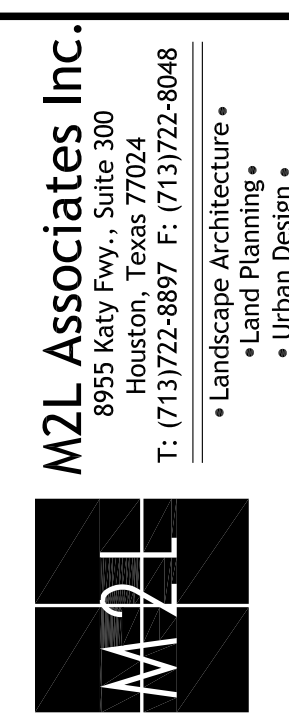
5555 West Loop South Suite 4400
Dallas, Texas 75241
TEL 713/868-0088 FAX 713/468-2813

M2L Associates Inc.
8955 Katy Pkwy., Suite 300
Houston, Texas 77058
Tel: 713/722-8897 Fax: 713/722-8048
• Landscape Architecture •
• Land Planning •
• Urban Design •



ARCHI*TECHNICS/3, INC.
 ARCHITECTURE
 URBAN DESIGN
 INTERIORS
 CONSTRUCTION MANAGEMENT

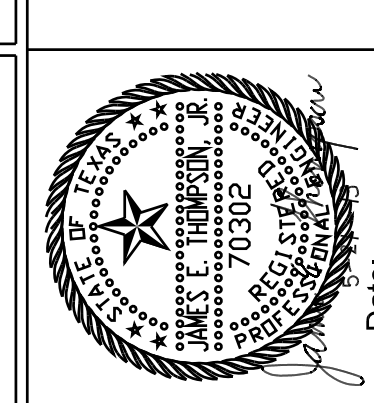
5555 West Loop South, Suite #400
 Dallas, Texas 75201
 TEL 713/868-0088 FAX 713/468-2613



M2L Associates Inc.
 8955 Katy Pkwy., Suite 200
 Houston, Texas 77057
 TEL 713/722-8897 FAX 713/722-8048

• Landscape Architecture
 • Land Planning
 • Urban Design

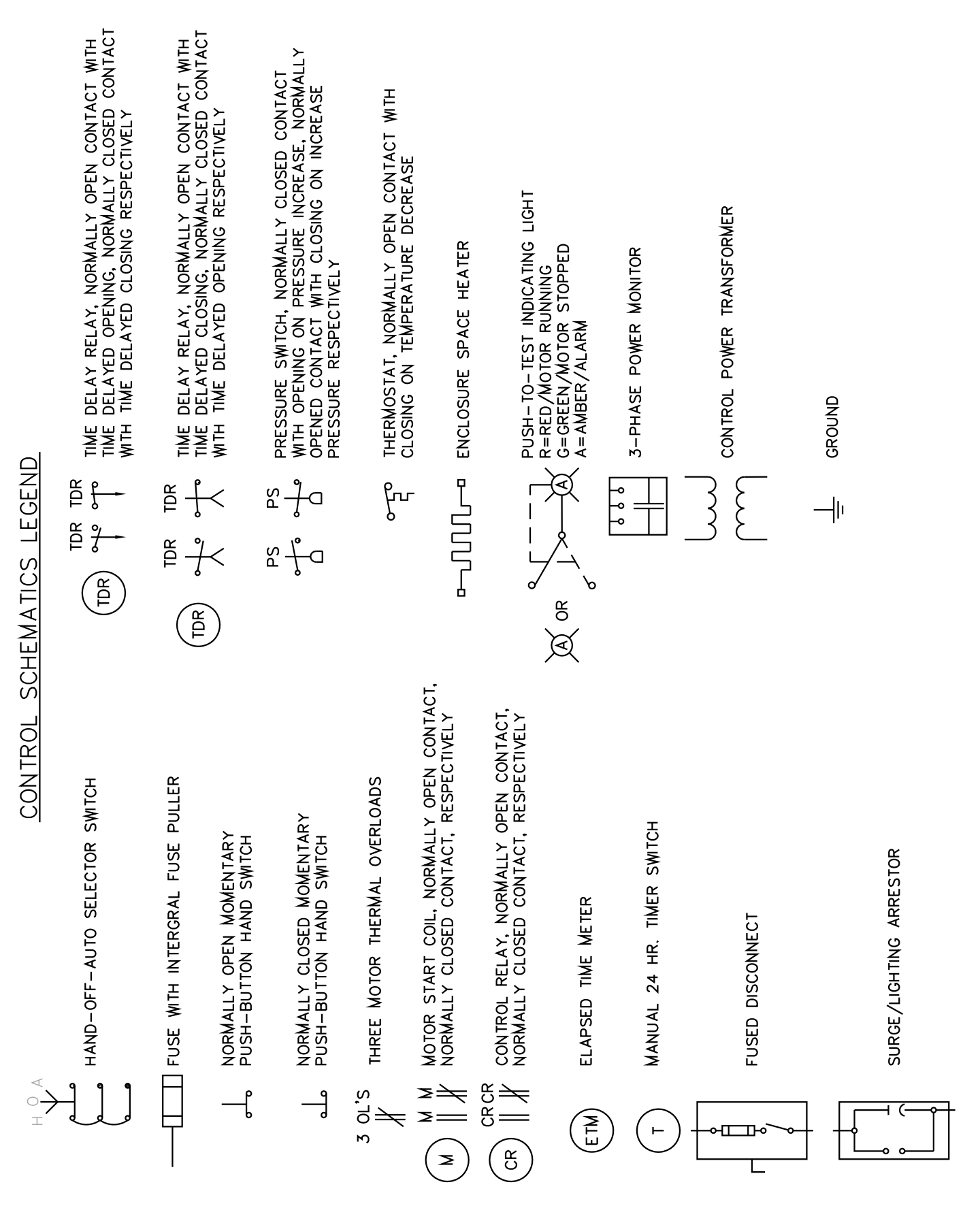
**RECREATIONAL COMPLEX
 HCC SOUTHWEST CAMPUS**
 5855 SIENNA SPRINGS WAY
 MISSOURI CITY, TEXAS 77459



Date: _____
 NEW CONSTRUCTION
 05-28-2013
 ADDENDUM 3

**ELECTRICAL
 DETAILS**
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
E4.0

CONTROL SCHEMATICS LEGEND



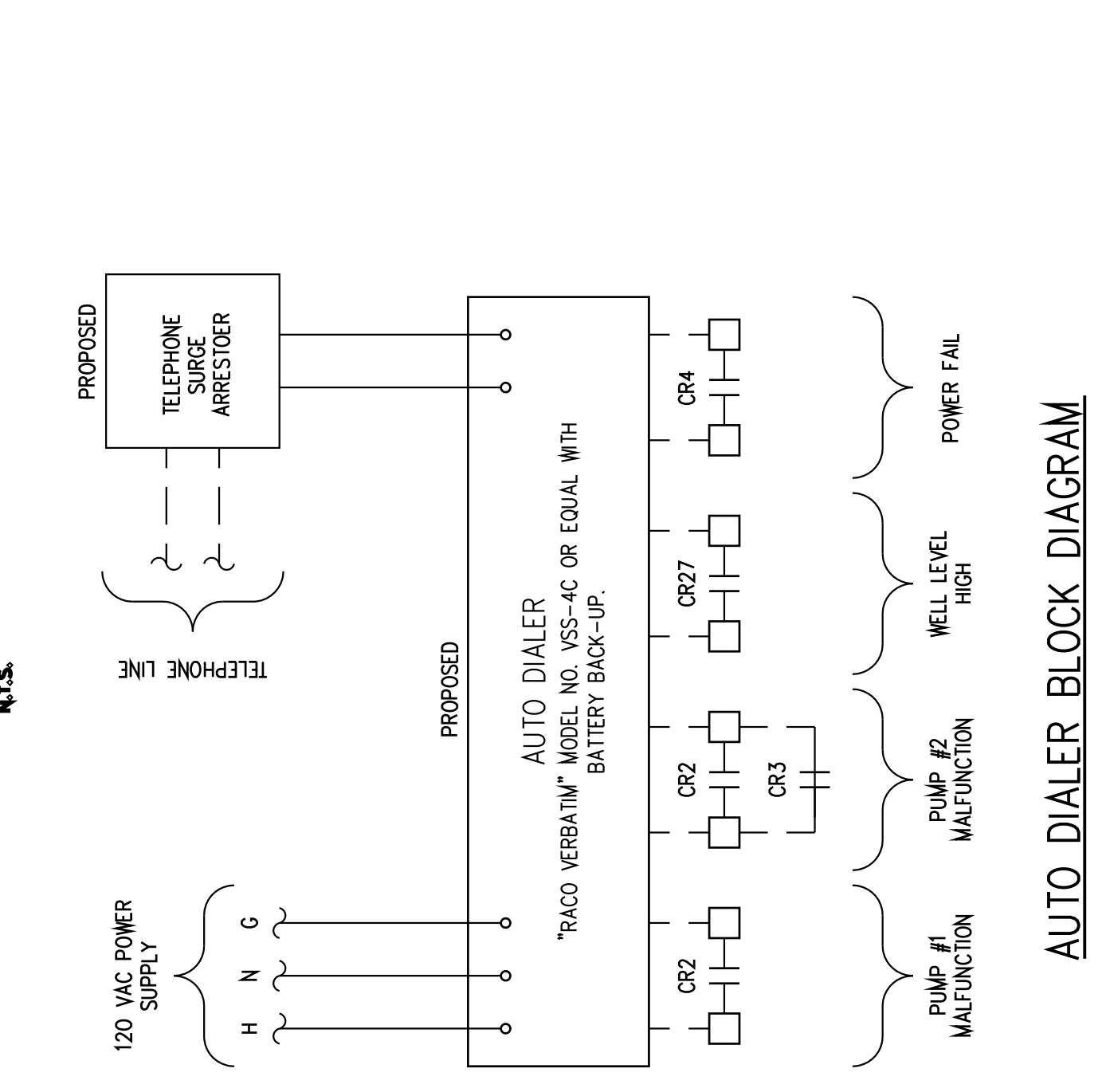
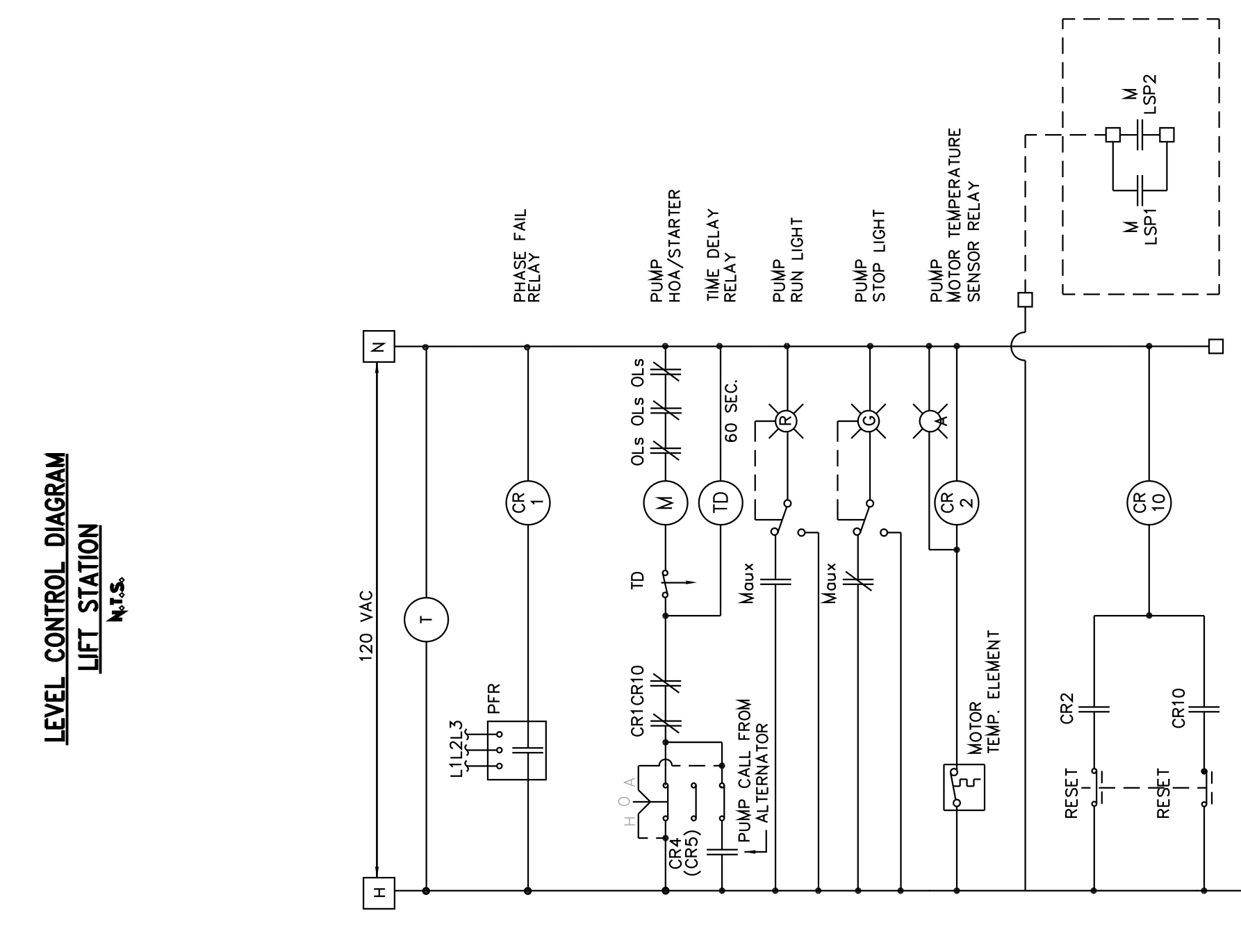
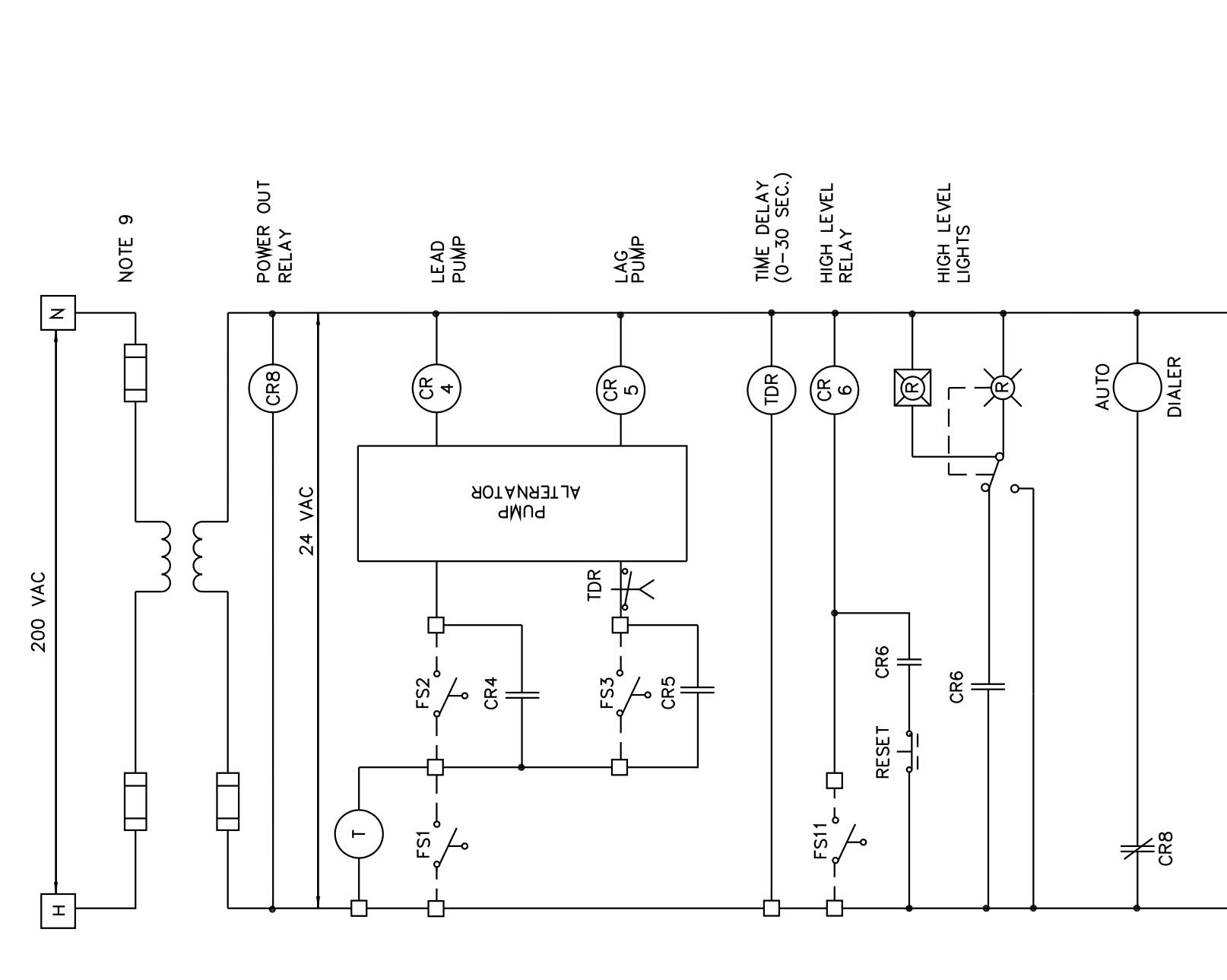
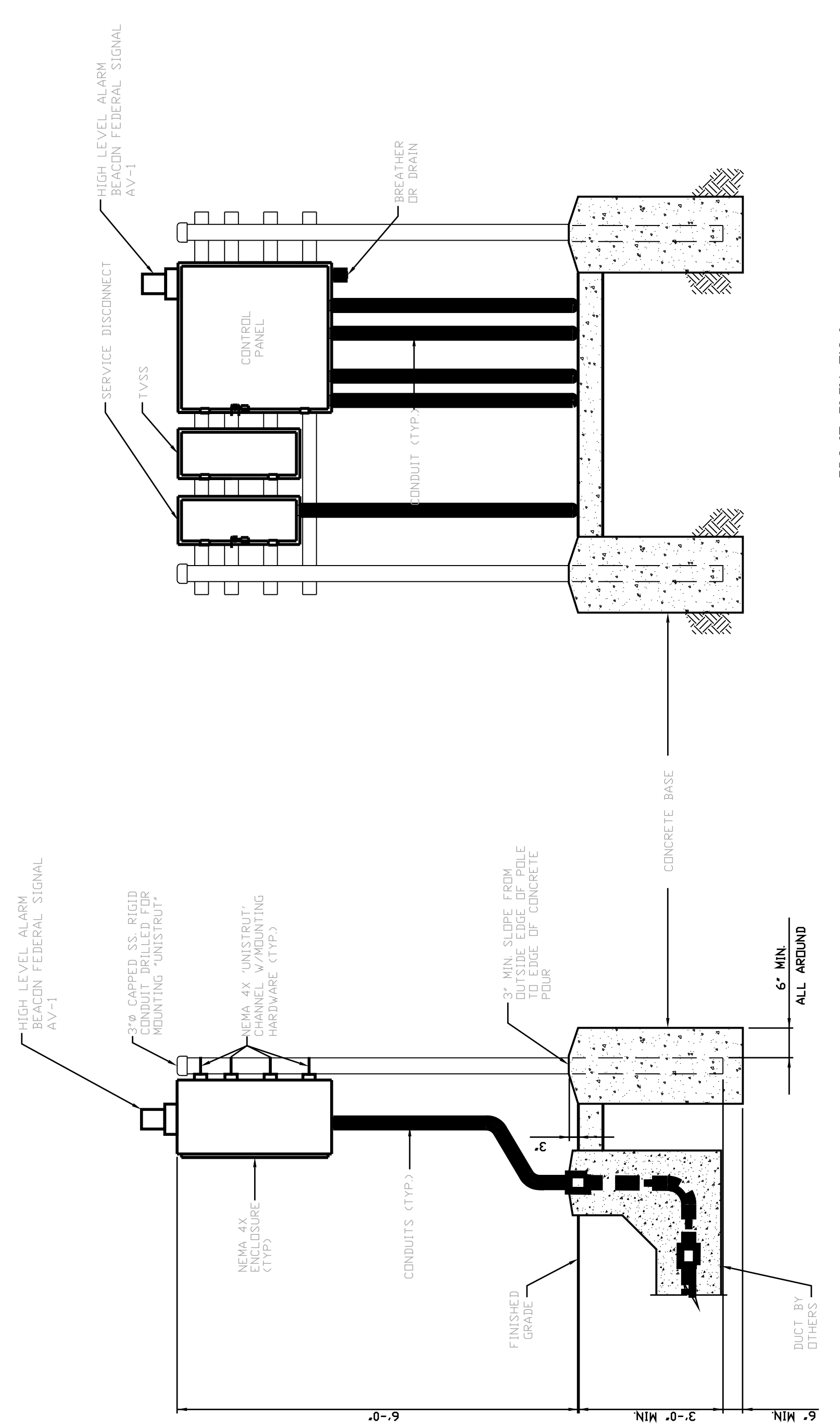
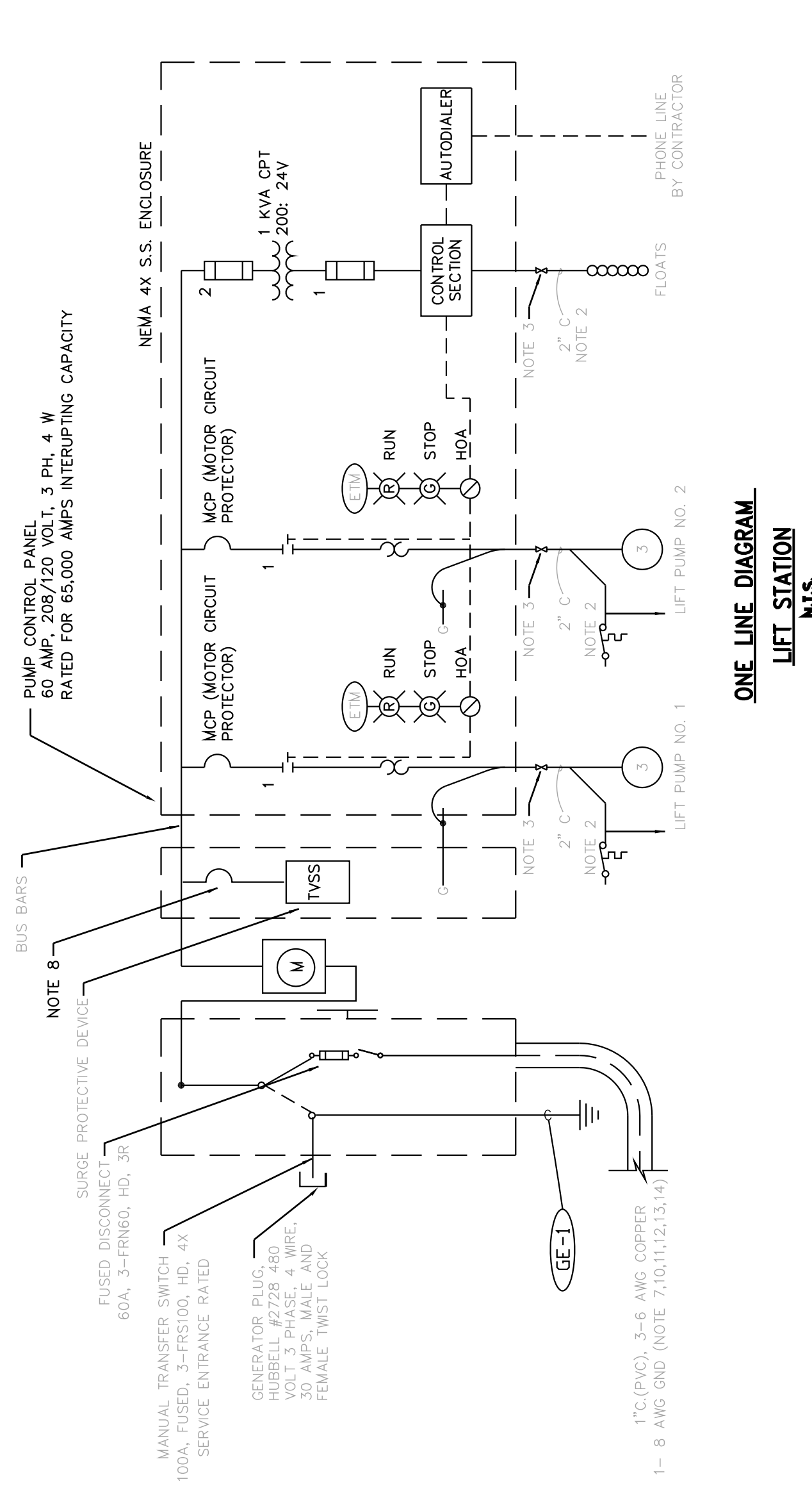
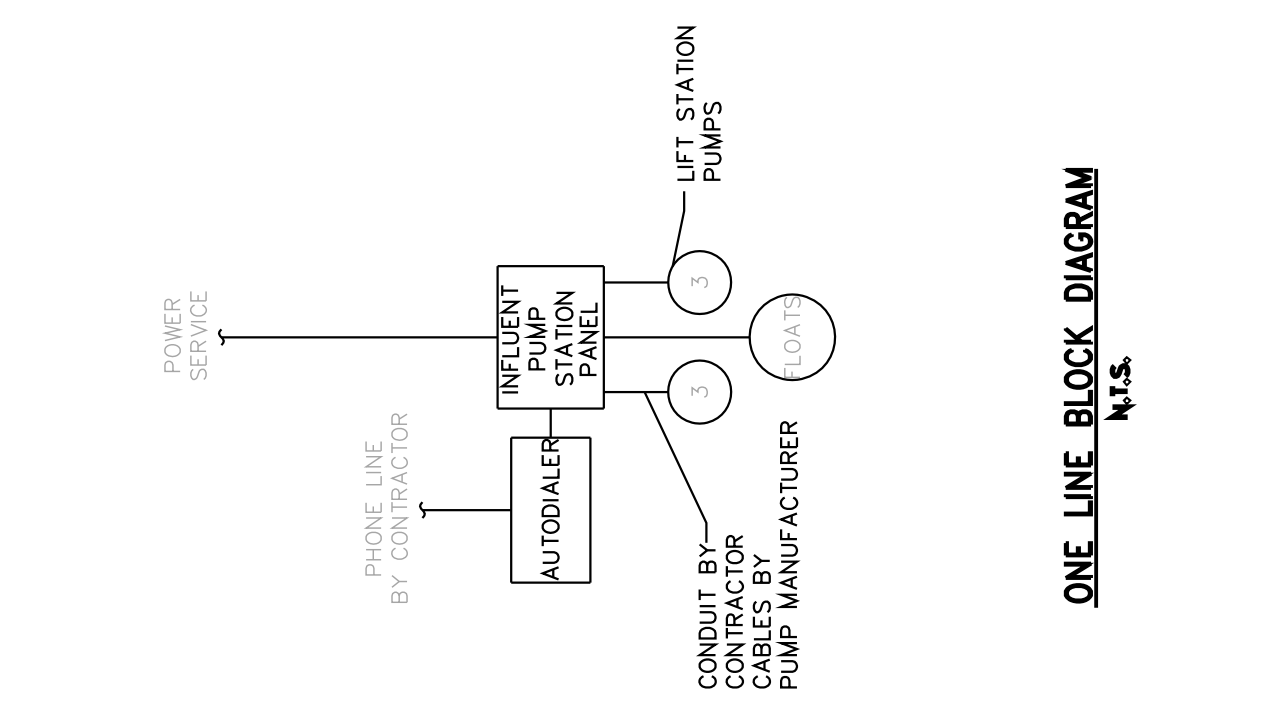
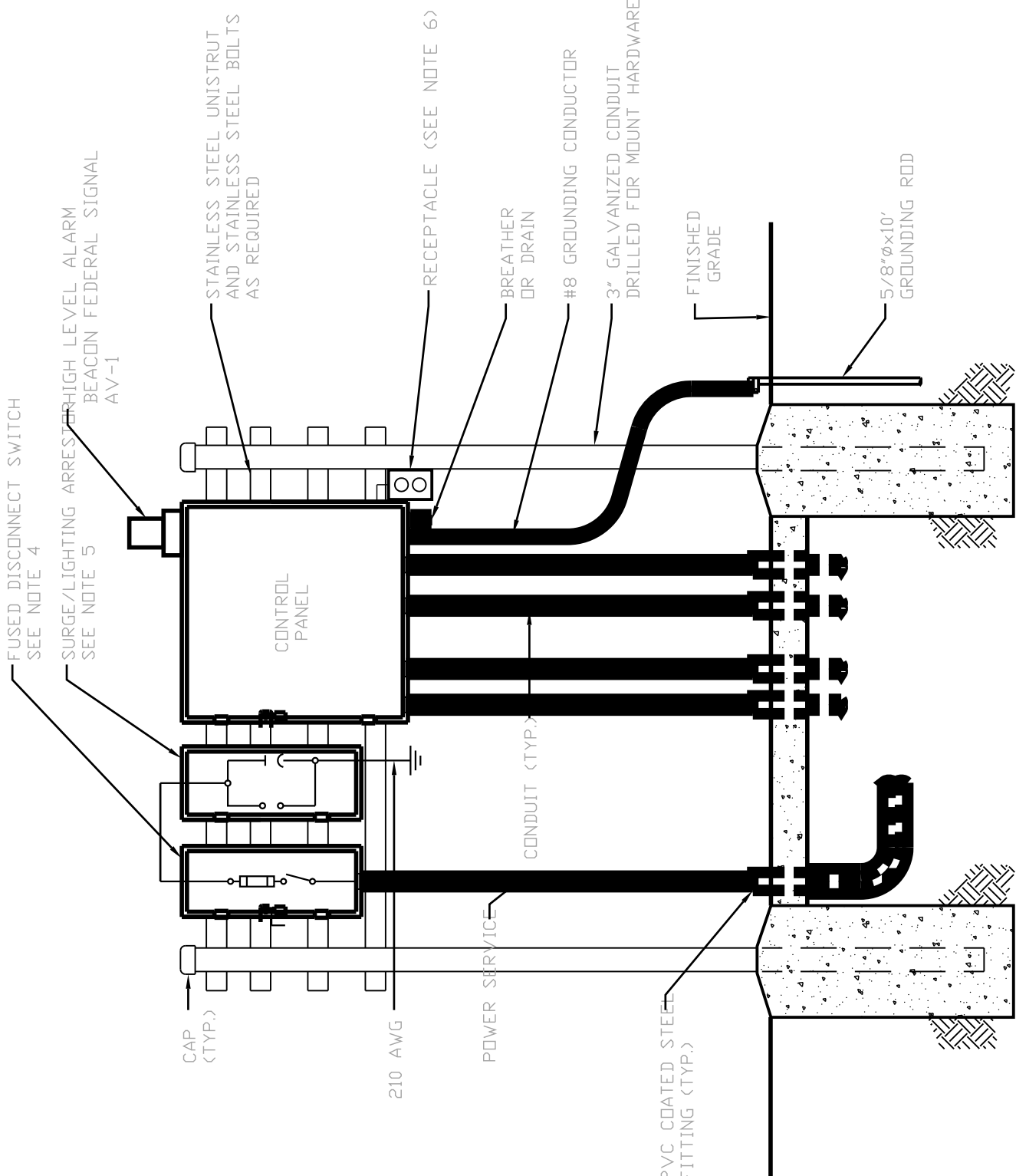
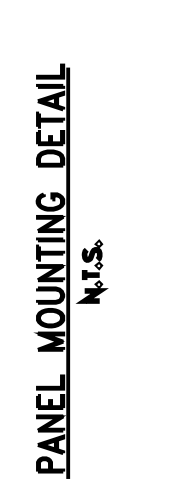
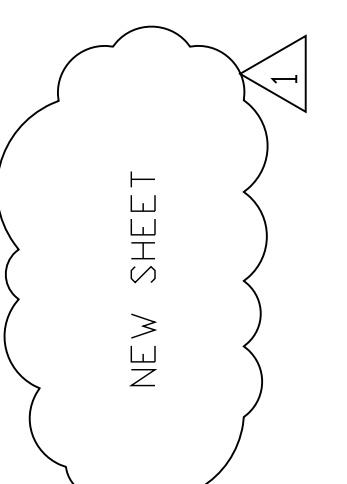
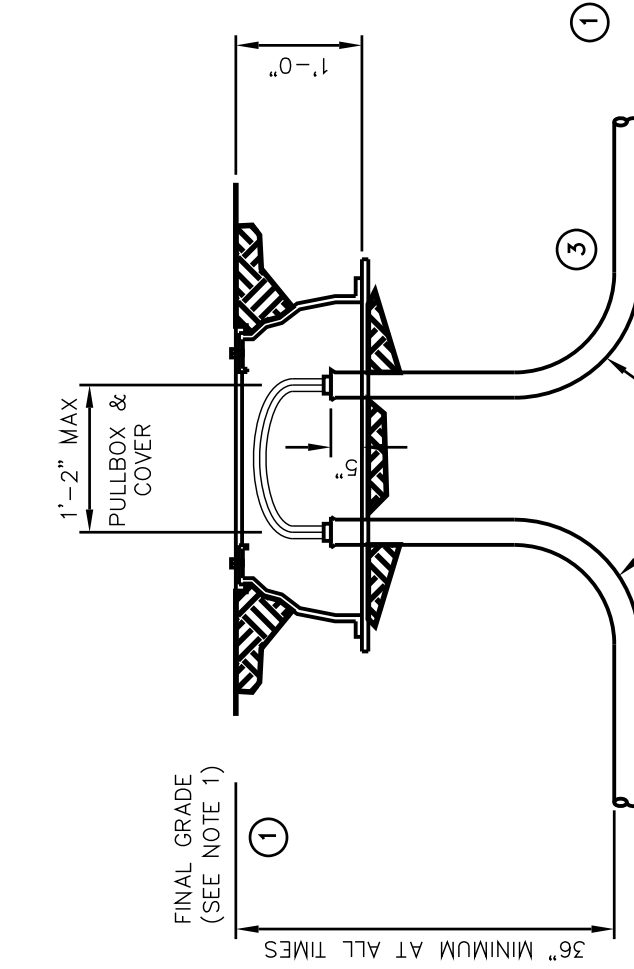
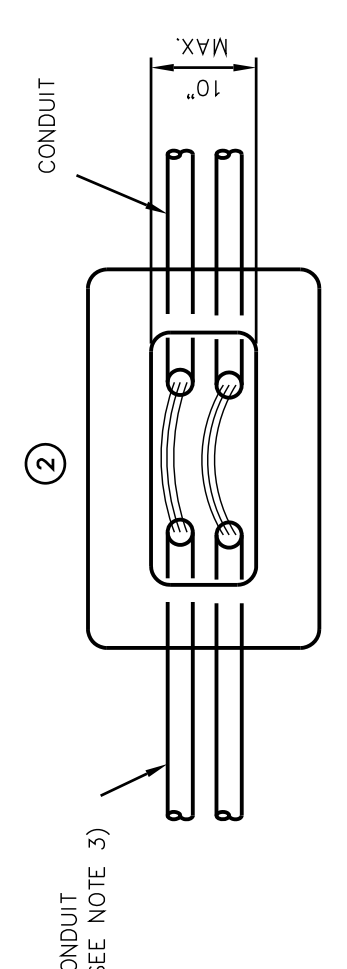
ELECTRICAL LOAD ANALYSIS
 BASED ON 60A 460V 3P 3W POWER SUPPLY

DESCRIPTION	PH.A	PH.B	PH.C
INFLUENT PUMP STATION 2-3 HP MOTORS	19.8	19.8	19.8
MISCELLANEOUS 1 KVA	1.0	1.0	-
25% LARGEST MOTOR	1.6	1.6	1.6
TOTAL AMPS AT 460V	22.4	22.4	21.4

- NOTES:**
- INSTALLATION SHALL COMPLY WITH LOCAL CODES AND WITH LATEST EDITION OF NEC.
 - CONTRACTOR TO PROVIDE CONDUITS FOR MOTOR AND FLOAT CONDUCTORS. SHALL PROVIDE ALL ADDITIONAL APPURTENANCES, INCLUDING FEEDER WIRING TO THE MOTOR AND TO THE CONTROL PANEL. ALL CONDUITS FROM LIFT STATION, USE NON-HARDENING "CHICO A" TYPE SCAANT.
 - 60A/3P DISCONNECT SWITCH, 4X, HD, FUSED WITH FR8 60 FUSES.
 - LIGHTING/SURGE PROTECTOR, 460 VOLT, 3PH, 4X TRANSIENT VOLTAGE SUPPRESSION, 10 MAZE, IEEE 1449, WITH INTEGRAL SWITCH AND FUSING TO MEET NEC 2011.
 - PROVIDE AND INSTALL 20A, 150 VOLT, 480V, RESEALABLE OUTLET WITH HINGED, CASSETED, S.S. SPRING COVER, EFCO, IN CAST FD BOX, MOUNT BELOW CONTROL PANEL. PROVIDE 20A FUSEHOLDER & SLOW-BLOW, 20A FUSE. MOUNT IN CONTROL PANEL.
 - FIELD VERIFY POWER SOURCE AND DISTANCE FROM PROPOSED LIFT STATION. CONTRACTOR SHALL PROVIDE ALL NECESSARY PERMITS AND A WARRANT, ETCO CONDUIT, WITH ENGINEER'S NECESSARY TO ASSURE THAT WIRE IS PROPERLY SIZED FOR THE DISTANCE TO THE POWER SOURCE.
 - BREAKER AND WIRE TO BE SELECTED AND SIZED BY THE MANUFACTURER AND TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES. TSS SHALL BE CONNECTED WITHIN 14 ELECTRICAL INCHES FROM MAIN BUS ASSEMBLY.
 - FUSES FOR CONTROL POWER TRANSFORMERS TO BE SIZED BY CONTROL PANEL MANUFACTURER PER CURRENT NEC.
 - PROVIDE INTERMEDIATE PULL BOX FOR ANY FEEDER RUN LENGTH OVER 150 FT. (SEE DETAIL THIS DRAWING FOR PULL BOX REQUIREMENTS).
 - COORDINATE ELECTRICAL SUPPLY AND TELEPHONE LINE FROM BUILDING WITH ELECTRICIAN. REFERENCE M.E.P. SHEETS.
 - CONTRACTOR SHALL COORDINATE POWER SOURCE WITH OWNER'S REPRESENTATIVE AND PROVIDE ALL NECESSARY PROTECTIVE DEVICES AT THE POWER SOURCE. CONTRACTOR SHALL COORDINATE WITH MEP CONTRACTOR UNDER MEP CONTRACT. COORDINATE WITH MEP CONTRACTOR SHALL COORDINATE TELEPHONE LINE WITH MEP. TELEPHONE LINE WILL BE PROVIDED FROM BUILDING UNDER MEP CONTRACT.
 - 4E.C. TO CALCULATE VOLTAGE DROP FROM ELECTRICAL SOURCE OF POWER TO LIFT STATION AND VERIFY ADEQUATE AMPACITY.

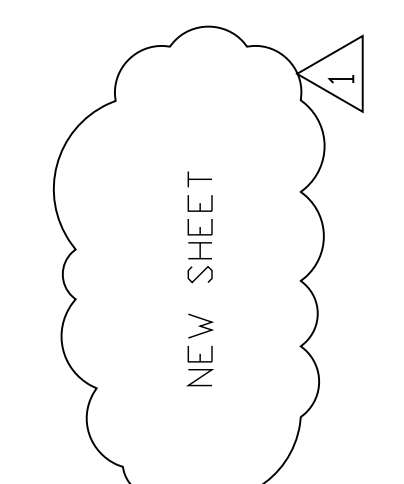
ELECTRICAL INFORMATION IS PROVIDED FOR INFORMATION ONLY. PUMP SUPPLIER SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE OPERATIONAL SYSTEM.

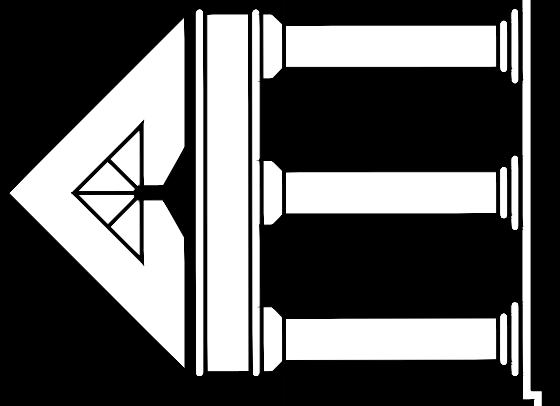
- NOTE:**
- GRADE AT TIME OF INSTALLATION SHALL BE CONSIDERED FINAL GRADE.
 - CONDUIT SHALL BE INSTALLED IN DIVEWAYS AND PARALLEL TO, BUT NOT IN, STREETS.
 - THE NUMBER, SIZE AND DIRECTION OF CONDUITS TO BE SPECIFIED ON CONDUIT LAYOUT.



James E. Thompson
 Professional Engineer
 No. 71332
 State of Texas
 1169 County Road 138A
 Houston, Texas 77057
 Business: (281) 585-3709 Fax: (281) 854-4844
 Home: (281) 585-3709
 Copyright © 2013, All Rights Reserved

5-28-13 ADD #3
SMALL PULL BOX DETAIL





ARCHITECTURE

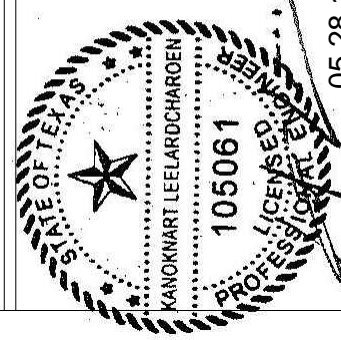
URBAN DESIGN
INTERIORS

CONSTRUCTION MANAGEMENT

5555 West Loop South Suite #400
Bellaire, Texas 77401
TEL 713/868-0088 FAX 713/488-2613

RECREATIONAL COMPLEX
HCC SOUTHWEST CAMPUS

5855 SIENNA SPRINGS WAY
MISSOURI CITY, TEXAS 77459



NEW CONSTRUCTION
FOR PERMIT & BID
FOR PERMIT REVISIONS/ADDENDUM #3

4/08/2013
5/28/2013

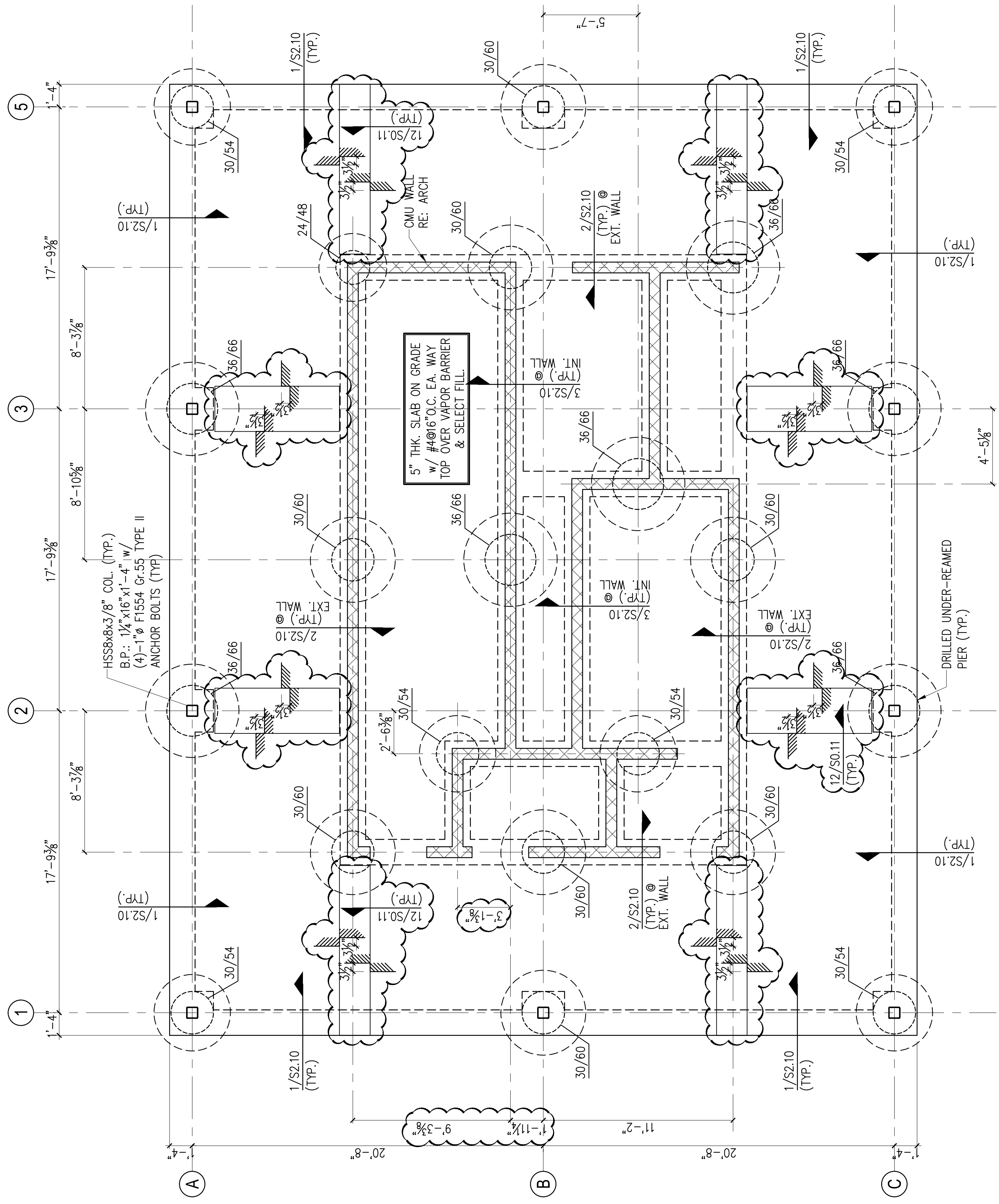
FOUNDATION PLAN

DATE: **S1.10**

DRAWN BY:

CHECKED BY:

SHT. OF FILE No. 09250



FOUNDATION PLAN

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

NOTES:

1. FOR DETAIL OF BASE PLATE & ANCHOR BOLT, SEE DETAIL 37/50.14.
2. FOR PIER & PIER CAP DETAIL, SEE DETAILS 37/50.14 & 37/50.15.
3. REFER TO ARCH FOR DEPTH AND EXTENT OF DEPRESSIONS.



SECTION 32 31 00
ATHLETIC FIELD FENCES AND BACKSTOPS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fence framework, fabric, and accessories.
- B. Excavation for post bases, concrete foundation for posts and center drop for gates.
- C. Benches

1.2 REFERENCES

- A. ANSI/ASTM A 123 - Zinc (Hot Dip Galvanized) Coatings on Iron and Steel Products.
- B. ANSI/ASTM F 567 - Installation of Chain-Link Fence.
- C. ASTM A 116 - Zinc-Coated (Galvanized) Steel Woven Wire Fence Fabric.
- D. ASTM A 120 - Pipe, Steel, Black and Hot-Dipped Zinc Coated (Galvanized) Welded and Seamless, for Ordinary Uses.
- E. ASTM A 153 - Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- F. ASTM A 392 - Zinc-Coated Steel Chain-Link Fence Fabric.
- G. ASTM A 428 - Weight of Coating on Aluminum-Coated Iron or Steel Articles.
- H. ASTM C 94 - Ready-mixed Concrete.
- I. ASTM F 573 - Residential Zinc-Coated Steel Chain Link Fence Fabric.
- J. ASTM F 668 - Poly (Vinyl Chloride) (PVC) Coated Steel Chain Link Fence Fabric.
- K. Chain Link Fence Manufacturers Institute (CLFMI) - Product Manual.
- L. FS RR-F-191 - Fencing, Wire and Post Metal (and Gates, Chain Link Fence Fabric, and Accessories).

1.3 SYSTEM DESCRIPTION

- A. Fence height shall be as indicated on Drawings or as noted to match height of existing.
- B. Extension arms for barbed wire shall match existing.
- C. Line post spacing shall not exceed 10 feet, or as shown on Drawings.

1.4 SUBMITTALS

- A. Submit under provisions of Division 1 Specifications - Submittals.

- B. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components.
- C. Product Data: Provide data on fabric, posts, accessories, fittings, and hardware that indicates that items match or exceed the quality of existing items

1.5 SUBSTITUTIONS

- A. During bidding, all bidders shall bid on the specified products.
- B. Refer to Division 1 Specifications for information about substitutions.

1.6 QUALITY ASSURANCE

- A. Manufacturer: Company specializing in manufacturing the products specified in this Section with minimum three years experience.
- B. Thoroughly inspects site(s), related work, and Owner-supplied materials (where applicable). Notify the Owner before bidding of any conditions adversely affecting the performance of fencing installation.
- C. Contractor shall provide a warranty stating that the fencing is secure and stable, tight, corrosion-free, in proper alignment, complete in detail and finish, and free of hazardous conditions. Any defects that develop within one year from the date of Physical Completion shall be replaced at the expense of the Contractor.
- D. Standard Specifications: All work shall conform to all applicable requirements of the following Standard Specifications, whether specifically referred to or not, except as specifically modified herein.
 - 1. ASTM Committee F-14 Standards on Fences (latest edition).
 - 2. Perform all shop and field welding in accordance with the pertinent recommendations of the American Welding Society.
 - 3. Pipe ASTM A-53.
- E. See Division 1 Specifications – Contractor Quality Control

1.7 FIELD MEASUREMENTS

- A. Verify that field measurements are as indicated on shop drawings.

1.8 MEASUREMENT AND PAYMENT

- A. Unit Prices.
 - 1. Payment for fencing and backstops shall be on a linear foot basis and shall include, but is not limited to, meshing, posts, padding, supports, braces, brackets, fasteners, caps, selvages, concrete foundations, miscellaneous, complete and in place
 - 2. Payment for outfield and foul line chain link fencing 6'-0" or less shall be paid for on a linear foot basis.

3. Payment for backstop fencing greater than 10'-0" in height shall be paid for on a linear foot basis.
4. Payment for foul line poles shall be paid for per occurrence and shall include pole, flags, banners, concrete foundations, miscellaneous, complete and in place.
5. Payment for concrete maintenance bands along the base of proposed fencing and/or backstops is incidental and not paid for separately.
6. Payment for dugout shade structure shall be paid for on a per occurrence basis and shall include posts, rails, braces, concrete foundations, brackets, shade screens, miscellaneous, complete and in place.
7. Payment for bleacher shade structure shall be paid for on a per occurrence basis and shall include posts, rails, braces, concrete foundations, brackets, shade screens, miscellaneous, complete and in place.
8. Refer to Division 1 Specifications – Measurement and Payment.

B. Stipulated Price(Lump Sum) - If Contract is Stipulated Price Contract, payment for work in this Section is included in the total Stipulated Price.

PART 2: P R O D U C T S

2.1 GENERAL

- A. All piping for fence and gates shall be Schedule 40 hot-dipped galvanized steel or approved equal for size, finish, material composition, strength, appearance, performance and ease of maintainability.
- B. Galvanizing shall be in accordance with ASTM F 668-88. All fence fittings shall comply with ASTM F626-89a.

2.2 MANUFACTURERS

- A. Quality Standard: Patterson Williams Athletic Mfg. Co, 140 N. Gilbert Road, Mesa Arizona, 85203, Attention Mitch Evers, Playwell Group 1-800-726-1816
- B. Other Manufacturers:
 1. First Team(800-649-3688)
 2. Porter Athletics(888-277-7778)

2.3 CHAIN LINK FENCE FABRIC

- A. Fence fabric shall be No. 9, 2" X 2", steel wire, hot galvanized after weaving, to match or exceed existing fence fabric.
- B. Fabric ties shall be hog rings, galvanized steel wire not less than 9-ga with a zinc

HCC-Southwest Campus-Recreational Complex
Missouri City, Texas
AT3 Project No. 10450

ADDENDUM NO. 3

- coating of not less than 1.2 ounces/sf.
- C. Black Vinyl covered as per manufacturers recommendation

- 2.4 FRAMEWORK AND POSTS.
 - A. ALL Framework and posts shall be hot-dipped galvanized with a minimum coating of 2 ounces/sf, or one ounce/sf plus 30 micrograms/square-inch chromate conversion coating and powdercoated black.
 - B. Line posts shall conform to ASTM A 570 Grade 45 steel or ASTM A 569, cold rolled steel.
 - C. End corner, angle, and pull posts shall conform to ASTM A 570 Grade 45 steel or ASTM A 569 for steel pipe.
 - D. Bolts and nuts shall be in conformance with ASTM A 307 and shall be galvanized in accordance with AASHTO M 232.
 - E. Install horizontal braces fabricated of 1-5/8-inch, 2.27-lb copper bearing steel pipe at all corner, gate, and end posts.
 - F. Gates shall be either swing or slide as shown on the plans. Swing gates shall be hinged to swing 90 degrees from closed to open or hinged to swing 180 degrees from close to open. Slide gates shall be roller type with no vertical obstructions. All gate leaves shall have intermediate members and diagonal stress rods as required for rigid construction and shall be free from sag or twist. All gates shall be fitted with vertical extension arms or shall have frame end number extended to carry barbed wire. Gate posts for gates shall be 4-inch, 9.1 lb pipe. Gate frames shall be made of 2-inch outside diameter, castings. Fabric shall be the same as for the fence. Gates shall have malleable iron ball and socket hinges, catches, stops and padlocks with 3 keys each. Posts for single gates shall be the same as end posts.
 - G. ALL POSTS RAILSK FITTINGS, SLEEVES, AND MISCELLANEOUS SHALL BE MAUFACTURER COATED BLACK.

Perimeter Fences, Dugout, Side and Wing Fences, and Backstop Fences sizes as noted below or on the Drawings for large fence types

Type	6' High	8' High	10' High
Terminal / Corner Posts	3" OD	3" OD	3" OD
Line Posts	2-3/8" OD	2-3/8" OD	2-3/8" OD
Top Rails	1-5/8" OD	1-5/8" OD	1-5/8" OD
Intermediate Rails	N/A*	1-5/8" OD	1-5/8" OD
Bottom Rails	N/A*	1-5/8" OD	1-5/8" OD
Post Footing Size	12" W	12" W	18" W

for Terminal / Corner Posts	36" D	36" D	36" D
Post Footing Size	12" Dia.	12" Dia.	18" Dia.
for Line Posts	36"D	48" D	60" D
Fabric Mesh Size	2"	2"	2"
Fabric Finished Size	8-gauge**	8-gauge**	8-gauge**

*Intermediate and bottom rails are not required for these sizes of fencing unless it is specified and detailed on a project by project basis.

**8-gauge (finished) with 9-gauge core wire (typical)

PART 3: EXECUTION

3.1 EXAMINATION

A. Examine the site to determine existing conditions, extent of work and clearing operations required. Failure of the Contractor to visit the site and familiarize themselves with the existing conditions shall in no way relieve them from obligations with respect to their bid or contract.

3.2 INSTALLATION

- A. Install chain link fence in accordance with the directions of the manufacturer and these Specifications.
- B. Install fence posts at not more than 10-foot centers and at least 36 inches (or as specified on the drawings) into the ground in a 3000 PSI concrete base. Allow concrete to cure for at least 7 days before erecting remainder of fence. Fasten fabric to line posts with wire ties spaced about 14 inches apart and to top rail spaced about 24 inches apart.
- C. Use standard chain link fence stretching equipment to stretch the fabric before tying it to the rails and posts. Repeat the stretching and tying operations about every 100 feet.
- D. Install dugout and bleacher shade screens
- E. Erect gates so they swing or slide in the appropriate direction. Provide gate stops as required. Secure hardware, adjust, and leave in perfect working order. Adjust hinges and diagonal bracing so that gates will hang level. Adjust rollers and guides of sliding gates so that gates are level.
- F. At small natural or drainage ditches where it is not practical for the fence to conform to the contour of the ground, span the opening below the fence with wire fastened to stakes of required length. The finished fence shall be plumb, taut, true to line and ground contour. When directed, stake down the chain link fence at several points between posts.
- G. Where new fence joins an existing fence, set a corner post and brace post at the

junction and brace as directed. If the connection is made at other than the corner of the new fence the last span of the old fence shall contain a brace.

END OF SECTION 32 31 00

(This Page Left Blank)