



# NEW SOFTBALL COMPLEX AT DAPHNE HIGH SCHOOL FOR THE

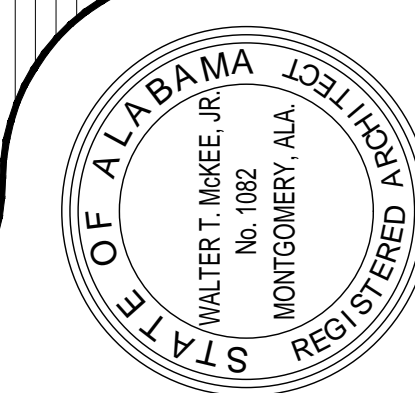
# BALDWIN COUNTY BOARD of EDUCATION BAY MINETTE, ALABAMA

DCM #20240198

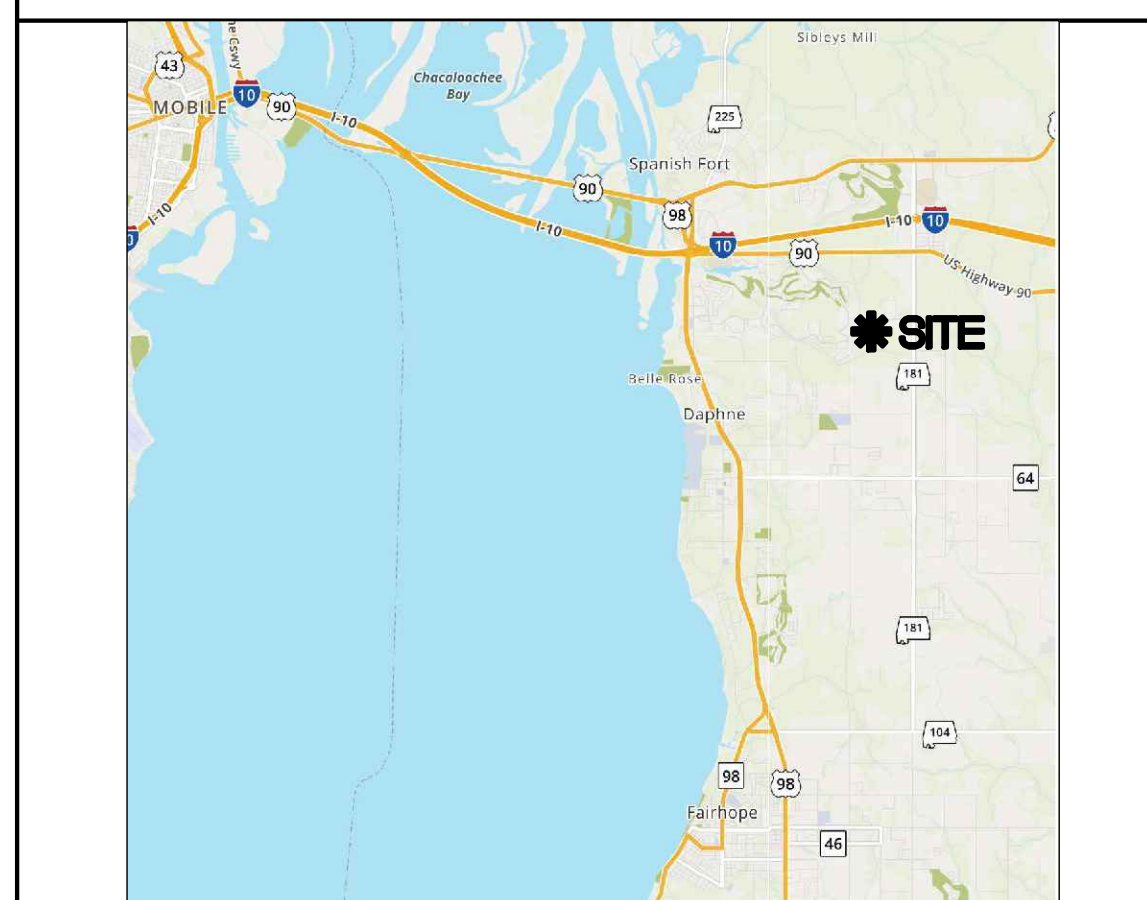
NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**McKee and Associates**  
ARCHITECTS, INC.

631 SOUTH HULL STREET, MONTGOMERY, ALABAMA 36104 (334) 834-9933

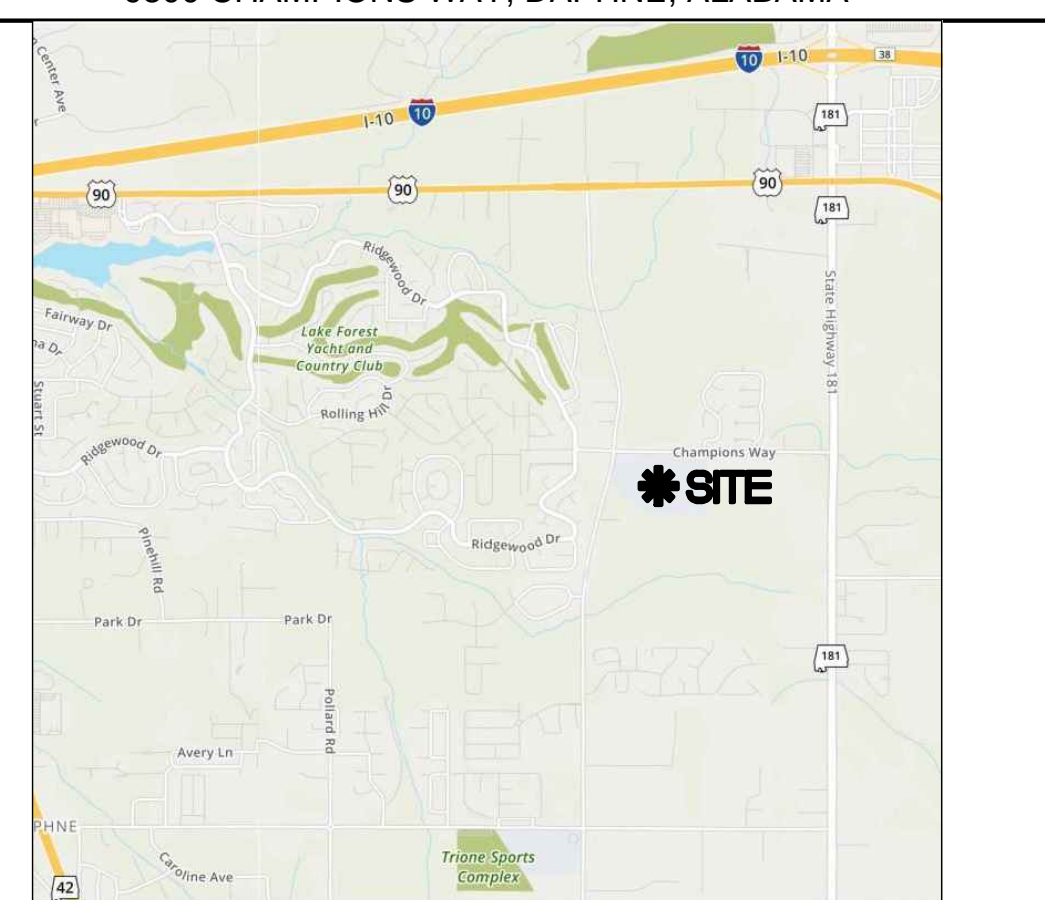


### VICINITY MAP



### LOCATION MAP

DAPHNE HIGH SCHOOL  
9300 CHAMPIONS WAY, DAPHNE, ALABAMA



### CONTACTS

<p><b>OWNER</b> Baldwin County Board of Education 2600-A North Hand Avenue Bay Minette, Alabama 36507 Phone: (251) 937.0308</p>	<p><b>ARCHITECTURAL</b> McKee and Associates 631 South Hull Street Montgomery, Alabama 36104 Phone: (334) 834.9933</p>	<p><b>CIVIL</b> Sawgrass Consulting, LLC 30673 Sgt. E.I. "Boots" Thomas Drive Spanish Fort, AL 36527 Phone: (251) 544.7900</p>
<p><b>STRUCTURAL</b> Blackburn, Daniels, O'barr Consulting Structural Engineers 1005 Browns Hill Road Lowndesboro, Alabama 36752 Phone: (334) 265.0206</p>	<p><b>ELECTRICAL, PLUMBING and MECHANICAL</b> H.M. Young and Associates 253 St. Anthony Street Mobile, Alabama 36603 Phone: (251) 690.7446</p>	

SHEET TITLE : COVER SHEET

MCKEE JOB # : 23-199

DRAWN BY : JRB

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : G0.1



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### UTILITY PLAN NOTES

1. THE CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER'S CONSTRUCTION SURVEILLANCE REPRESENTATIVE AND LOCAL JURISDICTIONAL INSPECTOR 48 HOURS BEFORE THE BEGINNING OF EACH PHASE OF CONSTRUCTION.
2. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES, AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER/DEVELOPER.
3. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERRORS HE DISCOVERS IN THE PLAN.
4. DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER OR HIS REPRESENTATIVE OR THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
5. THE CONTRACTOR IS REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS ARE NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS, HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. CONTRACTOR TO CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE.
7. THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBING CURBING, PAVING AND COMPACTED SUB-GRADE.
8. UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IT IS THE EXPLICIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATION. THE CONTRACTOR SHOULD SEEK ASSISTANCE FROM ALL UTILITY COMPANIES TO LOCATE AND PROTECT THEIR FACILITIES.
9. THE CONTRACTORS SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS EQUIPMENT TO EXISTING UTILITIES, CROSS-DRAIN PIPES AND HEADWALLS.
10. THE CONTRACTOR SHALL EXPLORE AHEAD 200 FEET SO ADJUSTMENTS CAN BE MADE IN THE ALIGNMENT OF THE PIPE IN CASE OF CONFLICTS WITH EXISTING STRUCTURES, UTILITIES AND PIPING.
11. ALL EXCESS MATERIAL FROM EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR. COST FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING PIPE FROM FLOATING. IF PIPE FLOATS DURING CONSTRUCTION, THE CONTRACTOR SHALL RELAY PIPE TO GRADE AT HIS EXPENSE.
13. ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET PROPERTY MARKERS. THE COST FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
14. THE CONTRACTOR SHALL MEET OR EXCEED ALL REQUIREMENTS OF DAPHNE UTILITIES CONSTRUCTION SPECIFICATIONS FOR WATER, SEWER, & ELECTRICAL.
15. AFTER THE PROPOSED GRAVITY SEWER SYSTEM IS COMPLETED THE CONTRACTOR SHALL VIDEO THE SYSTEM & SUBMIT TO THE OWNER, ARCHITECT, & ENGINEER FOR REVIEW. THE CONTRACTOR SHALL PULL MANDREL TESTS ON ALL INSTALLED GRAVITY MAINS IN ADDITION TO ALL OTHER REQUIREMENT OF THE LOCAL UTILITY AUTHORITY.
16. THE CONTRACTOR SHALL PROVIDE AS-BUILT SHOTS OF ALL UTILITIES TO THE OWNER UPON COMPLETION.

### GRADING AND DRAINAGE NOTES

1. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
2. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER AND DETENTION FACILITIES ARE CONSTRUCTED.
3. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
4. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.
5. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 95% OF THEORETICAL MAXIMUM DRY DENSITY (ATM D698). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL FILL MATERIAL AND COMPACTION REQUIREMENTS SHALL MEET THE GEOTECHNICAL REPORT PREPARED BY GEOCON ENGINEERING & MATERIALS TESTING.
7. MAXIMUM SLOPE OF EMBANKMENT SHALL BE 3.0 FEET HORIZONTAL TO 1.0 FOOT VERTICAL, OR MATCH EXISTING.
8. PROPOSED CONTOUR INTERVALS ARE AS LABELED. ALL PROPOSED CONTOURS ARE FINISHED GRADES.
9. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RE-GRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
10. EXCESS EARTH CUT MATERIAL, IF ANY, SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE APPROVED TO BE PLACED ON SITE BY THE OWNER.
11. ALL STORM DRAINAGE PIPE SHALL BE LAID ON SMOOTH CONTINUOUS GRADES WITH NO VISIBLE BENDS AT JOINTS.
12. ALL STORM DRAINAGE INLET STRUCTURES SHALL HAVE METAL FRAME AND COVER FOR ACCESS.
13. THE CONTRACTOR SHALL PROVIDE ANY EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
14. SOILS TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.
15. CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL FROM LIMITS OF ROADWAY CONSTRUCTION AS DIRECTED BY AN INDEPENDENT GEOTECHNICAL-TECHNICAL ENGINEER. UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED.

### SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP MUST BE PLACED AS SHOWN TO CONTROL EROSION.
2. SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, SAID REQUIREMENTS AS SHOWN BY THESE PLANS.
3. DISTURBED AREAS SHALL BE VEGETATED AFTER CONSTRUCTION. USE TEMPORARY SEASONAL SEEDING AND MULCHING ON GOING AS PER ALDOT STANDARD SPEC. SECTIONS 652 AND 656 RESPECTIVELY AND USE CENTIPEDE SOD FOR PERMANENT GRASSING AS PER ALDOT STANDARD SPEC. SECTION 654.
4. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS SHOWN AND/OR DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR.
5. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:
  - A. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
  - B. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.
6. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK PROTECTION AND STABILIZATION SHALL BE REQUIRED AS PER LOCAL JURISDICTIONAL EROSION LAWS,
7. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED. CONSTRUCTION ENTRANCE PADS SHALL BE INSTALLED BY THE CONTRACTOR AT CONSTRUCTION ACCESS POINTS PRIOR TO LAND DISTURBANCE.
8. A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
9. CONSTRUCT SILT FENCE ALONG THE DOWNSTREAM SIDE OF ALL PROPOSED FILL CONSTRUCTION.
10. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
11. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
12. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS 1/3 OF THE HEIGHT OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE DETENTION POND, SILT SHALL BE REMOVED WHEN A DEPTH OF 18" HAS ACCUMULATED AT THE WEIR.
13. ALL EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION IN ACCORDANCE WITH EASEMENT PLATS PRIOR ACCEPTANCE.
14. SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.

15. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
16. TREE PROTECTION AND EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
17. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER AND DETENTION FACILITIES ARE CONSTRUCTED.
18. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
19. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS POSSIBLE WITH SEASONAL TEMPORARY SEEDING AND MULCHING AS PER ALDOT STANDARD SPEC. SECTIONS 652 AND 656.
20. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.
21. GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH GRASS IN KIND. IN AREAS OF INDECIPHERABLE GRASSES USE CENTIPEDE SOD FOR PERMANENT GRASSING AS PER ALDOT STANDARD SPEC. SECTION 654.
22. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM REQUIRED MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE THEIR FUNCTION AT ALL TIMES.
23. IF HEAVY RAINFALL IS PREDICTED, CONTRACTOR SHALL INSPECT EROSION CONTROL ITEMS WITH ENGINEER PRIOR TO EVENT, IF AT ALL POSSIBLE. ANY IMPROVEMENTS, CLEANING, OR ADJUSTMENTS THAT ARE REQUIRED PRIOR TO EVENT SHALL BE GIVEN FULL URGENCY AS MUCH IS POSSIBLE.

### SITE NOTES

1. ALL CONCRETE SHALL BE CLASS A, 4,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH WITH A MAXIMUM SLUMP OF 4" UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE TO HAVE A FINE BROOM FINISH.
2. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER OR TENANT.
3. ALL DIMENSIONS ARE FACE OF CURB OR AS NOTED.
4. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI, SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. THE PROJECT WILL REQUIRE ROAD CLOSURE/ TRAFFIC CONTROL SCHEME.
5. SPECIAL CARE SHALL BE GIVEN WHILE WORKING NEAR PRIVATE RESIDENCES. ANY DAMAGES TO OR ADJACENT TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
6. IF ANY CONFLICTS EXIST BETWEEN APPLICABLE ACCESSIBILITY CODES, STANDARDS AND GUIDELINES THE CODES, STANDARDS, AND GUIDELINES PROVIDING THE GREATER DEGREE OF ACCESSIBILITY TAKE PRECEDENCE AS PER HUD MAP CHAPTER 5 GUIDELINES.
7. ALL ACCESSIBILITY CODES, STANDARDS AND GUIDELINES USED FOR THE PROJECT DESIGN MUST BE INCLUDED WITHIN THE CODE SUMMARY.

### UTILITY PROVIDERS

POWER: DAPHNE UTILITIES  
WATER: DAPHNE UTILITIES  
SEWER: DAPHNE UTILITIES  
GAS: DAPHNE UTILITIES

ON-SITE CONTACT: SAWGRASS CONSULTING LLC.  
(251) 544-7900 (OFFICE)  
(251) 544-7918 (FAX)



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SHEET TITLE : PROJECT NOTES

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

DATE : 06-04-24

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : C-1.0





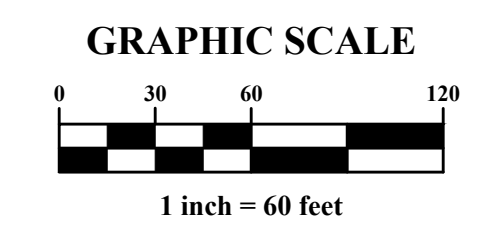
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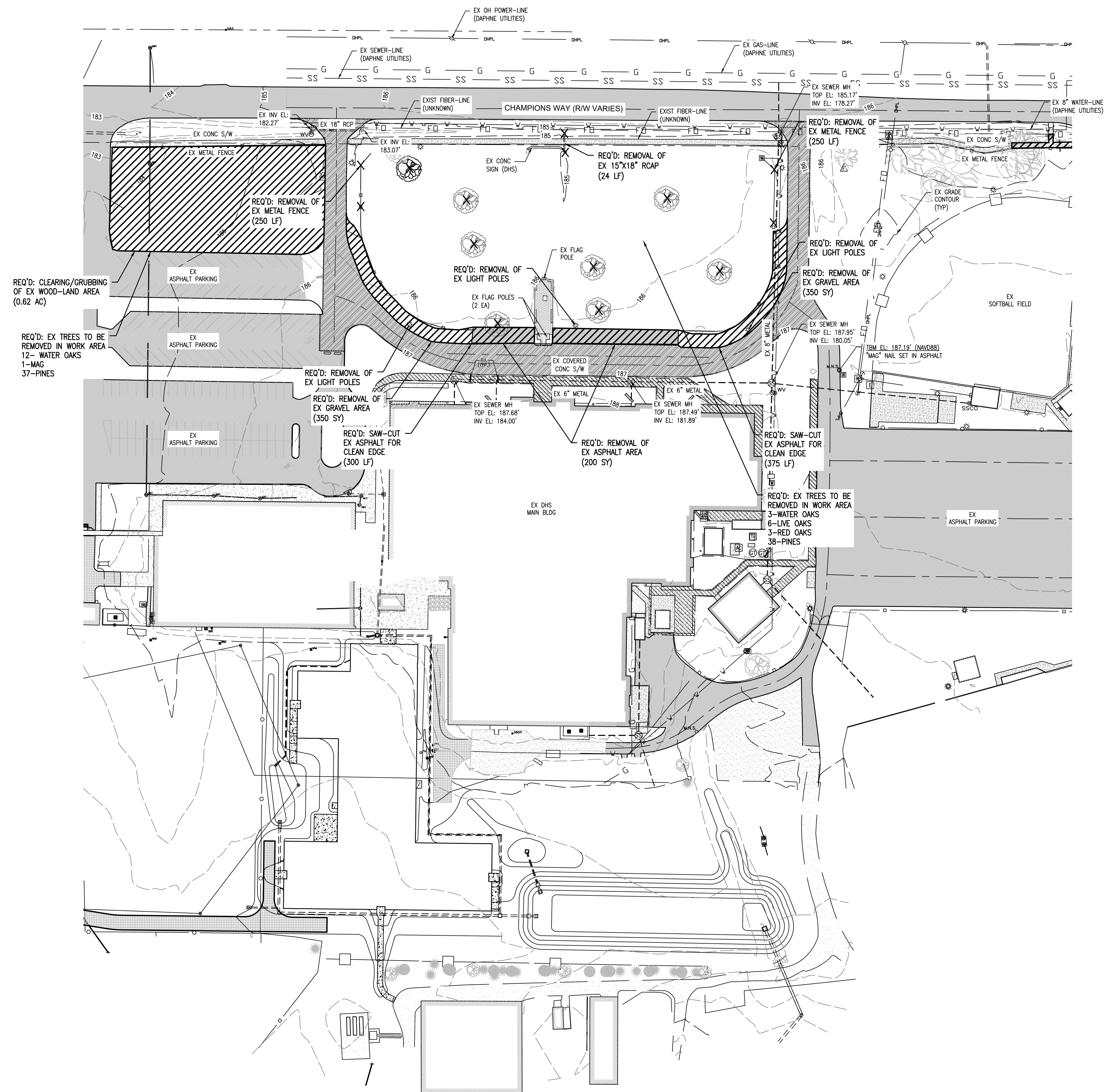
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SHEET NO. : C-1.1



**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊕ W — W — EX WATER VALVE
- ⊕ F — H — EX FIRE HYDRANT
- ⊕ W — M — EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊕ S — S — V — EX SEWER VALVE
- ⊕ S — M — H — EX SEWER MH
- ⊕ L — S — EX LIFT STATION
- ⊕ G — R — P — EX GRINDER PUMP
- F — O — EX FIBER-LINE
- E — E — EX UG POWER-LINE
- O — H — P — L — EX OH POWER-LINE
- ⊠ — EX ELEC. BOX
- ⊠ — EX TRANSFORMER
- ⊠ — EX AC UNIT
- ⊠ — EX POWER POLE
- ⊠ — EX LIGHT POLE
- ⊠ — EX GUY WIRE
- GAS — GAS — EX GAS-LINE
- ⊕ G — R — EX GAS REGULATOR
- D — EX DRAINAGE PIPE
- ⊕ D — EX DRAINAGE MH
- ⊠ — EX GRATE INLET
- ⊠ — EX HAND-HOLE
- ⊠ — EX CHAIN-LINKED FENCE
- ⊠ — EX METAL FENCE
- ⊠ — EX WOOD-LINE
- ▨ — EX BLDG AREA
- ▨ — EX ASPHALT AREA
- ▨ — EX CONC AREA
- ▨ — EX WETLANDS AREA
- X — DEMO ITEM
- ▨ — DEMO AREA







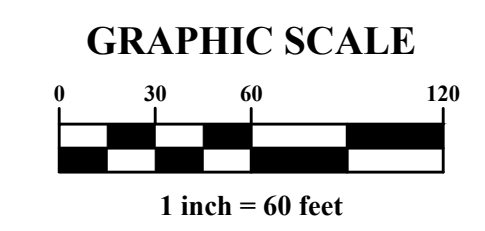
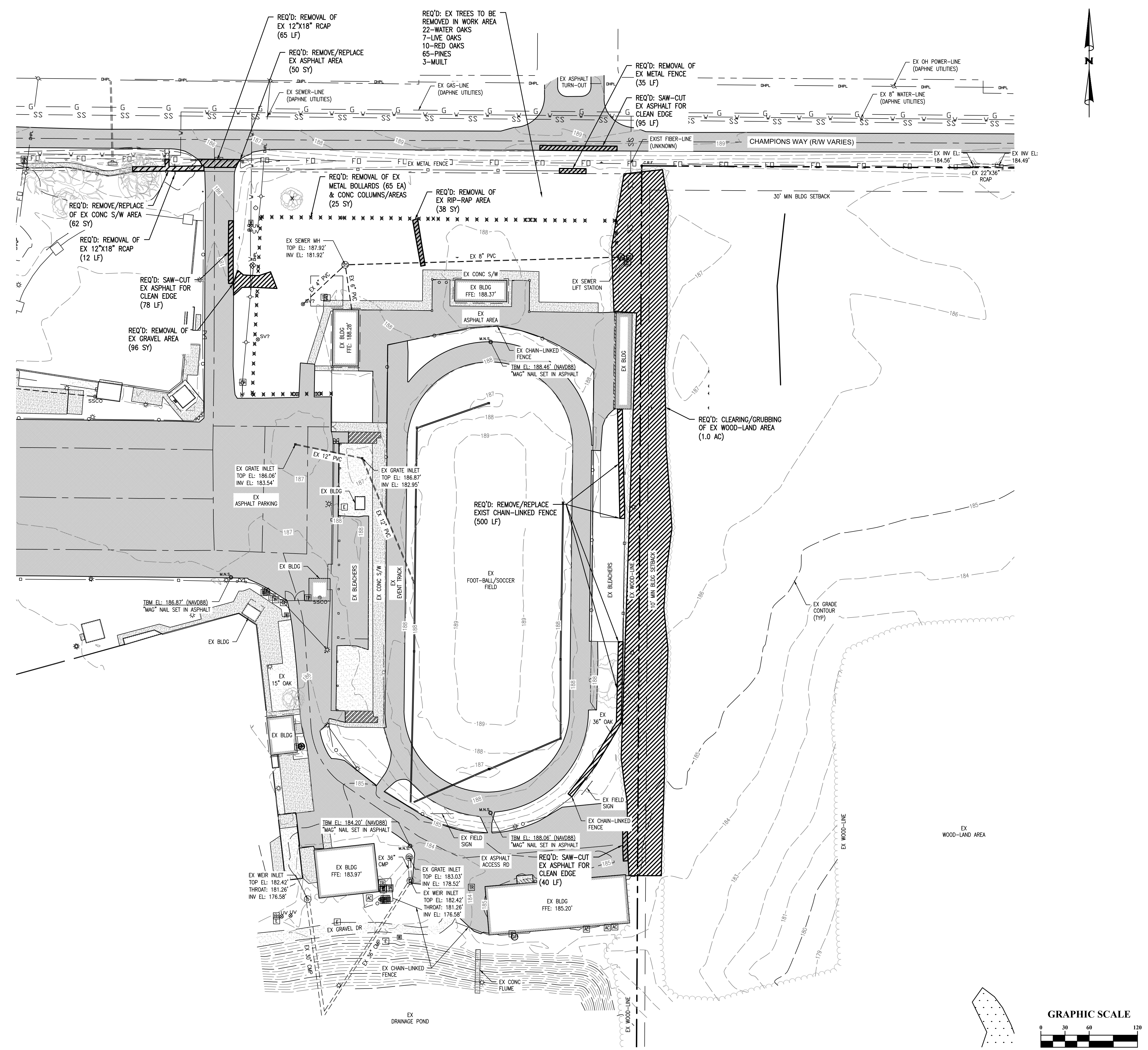
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SHEET TITLE : EX COND & DEMO PLAN 02  
 MCKEE JOB # : 23-199  
 DRAWN BY : BAT/EI  
 DATE : 06-04-24  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :  
 SHEET NO. : C-1.2

LEGEND	
---	R/W-PROP LINE
---	EX WATER-LINE
○	EX WATER VALVE
○	EX FIRE HYDRANT
○	EX WATER METER
---	EX SEWER-LINE
○	EX SEWER VALVE
○	EX SEWER MH
○	EX LIFT STATION
○	EX GRINDER PUMP
---	EX FIBER-LINE
---	EX UG POWER-LINE
---	EX OH POWER-LINE
□	EX ELEC. BOX
□	EX TRANSFORMER
□	EX AC UNIT
○	EX POWER POLE
○	EX LIGHT POLE
---	EX GUY WIRE
---	EX GAS-LINE
---	EX GAS REGULATOR
---	EX DRAINAGE PIPE
---	EX DRAINAGE MH
---	EX GRATE INLET
---	EX HAND-HOLE
---	EX CHAIN-LINKED FENCE
---	EX METAL FENCE
---	EX WOOD-LINE
▨	EX BLDG AREA
▨	EX ASPHALT AREA
▨	EX CONC AREA
▨	EX WETLANDS AREA
X	DEMO ITEM
▨	DEMO AREA

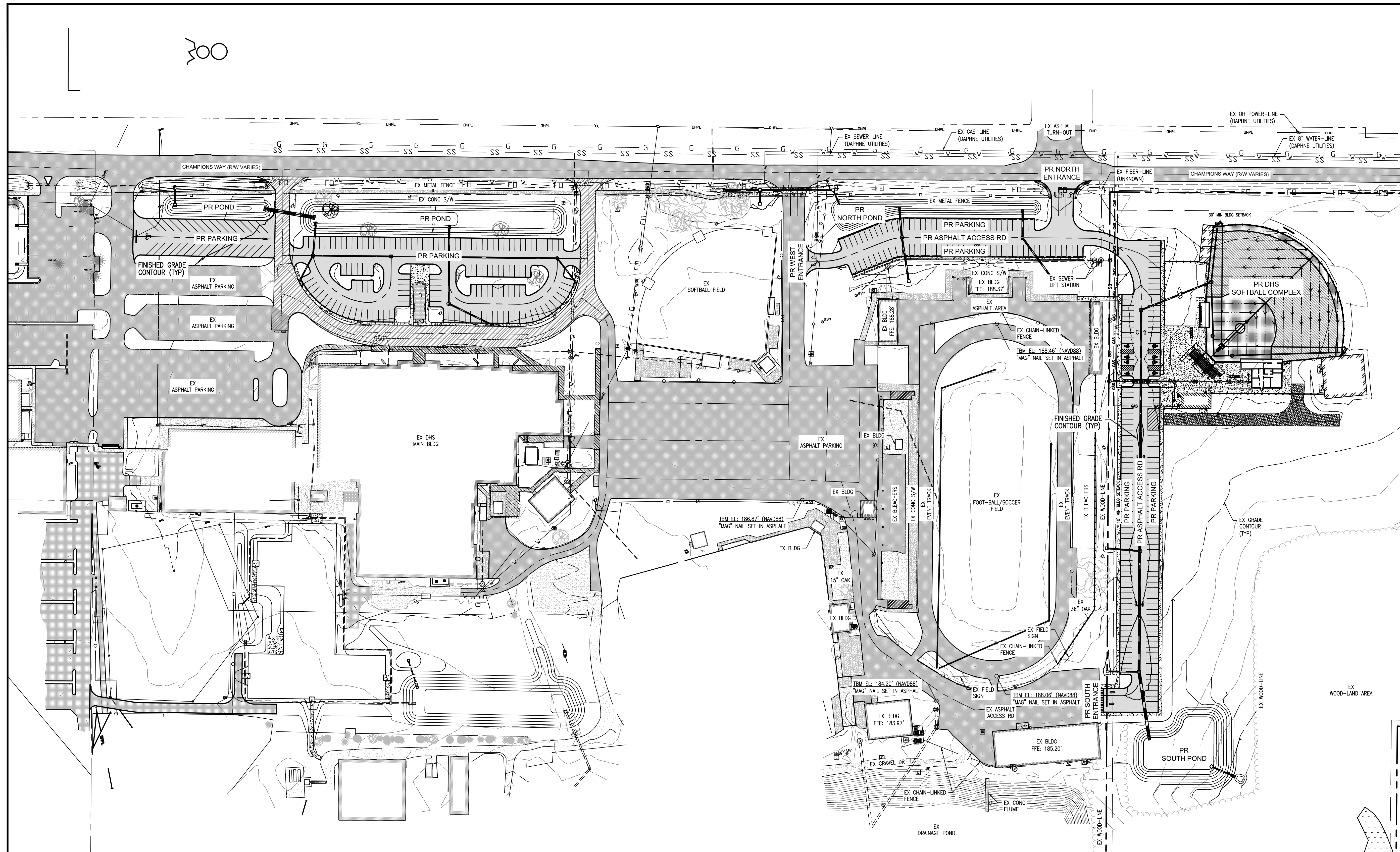






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FOR THE  
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**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : SITE PLAN OVERVIEW

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

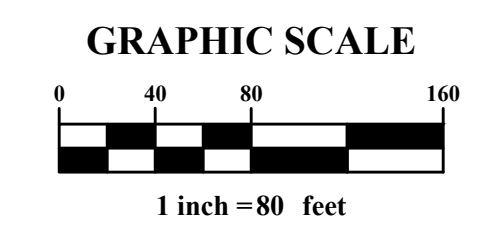
DATE : 06-04-24

REVISED DATE : 05-31-24

REVISED DATE :

REVISED DATE :

SHEET NO. : C-1.3







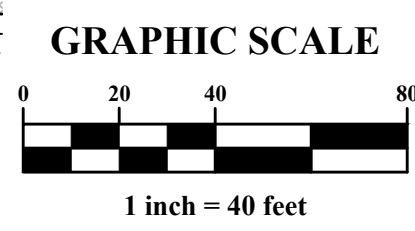
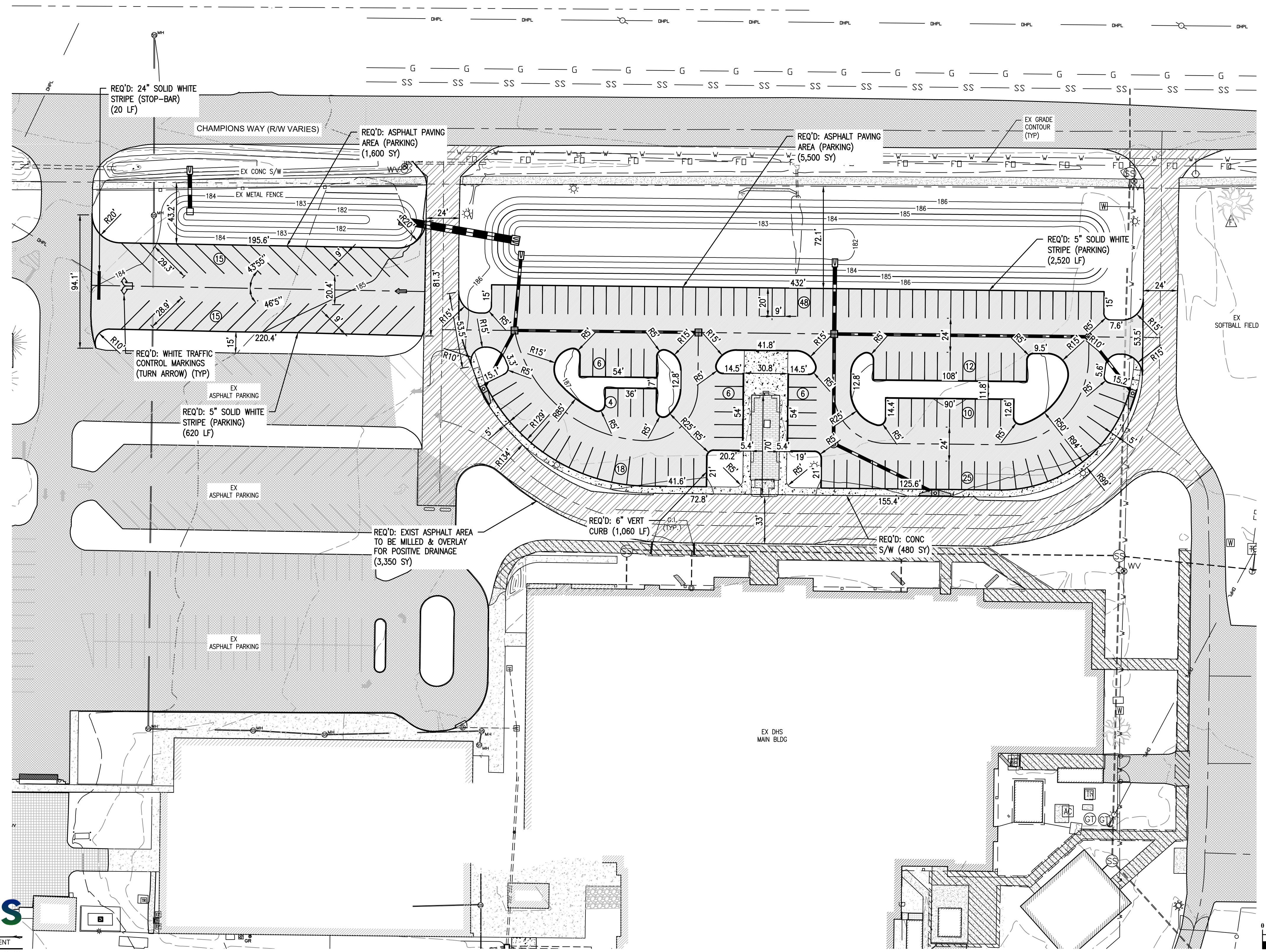
**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.

631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**NEW SOFTBALL COMPLEX**  
AT  
**DAPHNE HIGH SCHOOL**  
FOR THE  
**BALDWIN COUNTY B.O.E.**

**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊙<sup>WV</sup> EX WATER VALVE
- ⊙<sup>FH</sup> EX FIRE HYDRANT
- ⊙<sup>WM</sup> EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊙<sup>SSV</sup> EX SEWER VALVE
- ⊙<sup>SMH</sup> EX SEWER MH
- ⊙<sup>LS</sup> EX LIFT STATION
- ⊙<sup>GP</sup> EX GRINDER PUMP
- FO — EX FIBER-LINE
- E — E — EX UG POWER-LINE
- OHP — EX OH POWER-LINE
- ⊠ EX ELEC BOX
- ⊠ EX TRANSFORMER
- ⊠ EX AC UNIT
- ⊠ EX POWER POLE
- ⊠ EX LIGHT POLE
- ⊠ EX GUY WIRE
- GAS — GAS — EX GAS-LINE
- ⊙<sup>GR</sup> EX GAS REGULATOR
- — — EX DRAINAGE PIPE
- ⊙ EX DRAINAGE MH
- ⊠ EX GRATE INLET
- ⊠ EX HAND-HOLE
- — — EX CHAIN-LINKED FENCE
- ⊠ EX METAL FENCE
- — — EX WOOD-LINE
- ▨ EX BLDG AREA
- ▨ EX ASPHALT AREA
- ▨ EX CONC AREA
- ▨ EX WETLANDS AREA
- W — W — PR WATER-LINE
- SS — SS — PR SEWER-LINE
- ⊙ PR SEWER MH
- ⊙ PR SEWER CO
- — — PR DRAINAGE SWALE
- — — PR FENCE
- GAS — GAS — PR GAS-LINE
- ▨ PR ASPHALT AREA
- ▨ PR OVERLAY AREA
- ▨ PR CONC AREA
- ▨ PR BLDG



SHEET TITLE : GEOMETRIC PLAN 01

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

DATE : 06-04-24

REVISED DATE : 05-31-24

REVISED DATE :

REVISED DATE :

SHEET NO. : C-2.0





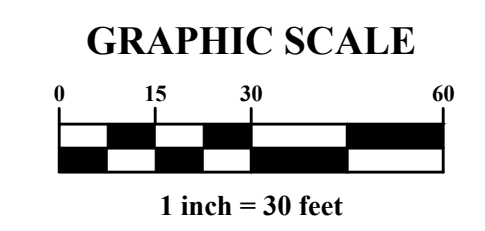
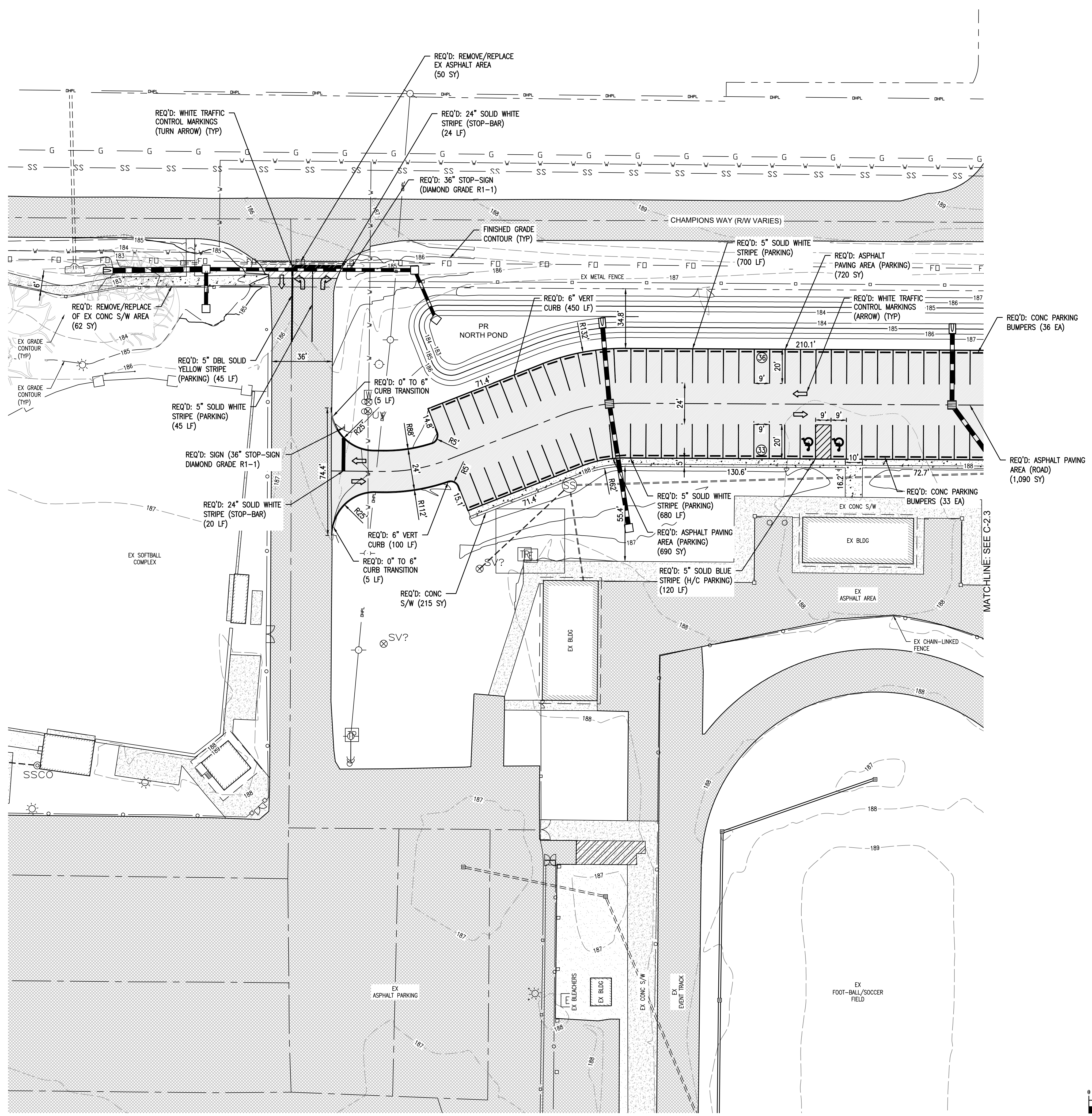


**NEW SOFTBALL COMPLEX**  
 AT  
**DAPHNE HIGH SCHOOL**  
 FOR THE  
**BALDWIN COUNTY B.O.E.**

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**LEGEND**

- W-W R/W-PROP LINE
- EX WATER-LINE
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER-LINE
- EX SEWER VALVE
- EX SEWER MH
- EX LIFT STATION
- EX GRINDER PUMP
- EX FIBER-LINE
- EX UG POWER-LINE
- EX OH POWER-LINE
- EX ELEC BOX
- EX TRANSFORMER
- EX AC UNIT
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX GAS-LINE
- EX GAS REGULATOR
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX HAND-HOLE
- EX CHAIN-LINKED FENCE
- EX METAL FENCE
- EX WOOD-LINE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX WETLANDS AREA
- PR WATER-LINE
- PR FIRE HYDRANT
- PR SEWER-LINE
- PR SEWER MH
- PR SEWER CO
- PR DRAINAGE SWALE
- PR FENCE
- PR GAS-LINE
- PR ASPHALT AREA
- PR OVERLAY AREA
- PR CONC AREA
- PR BLDG

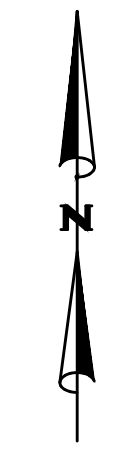
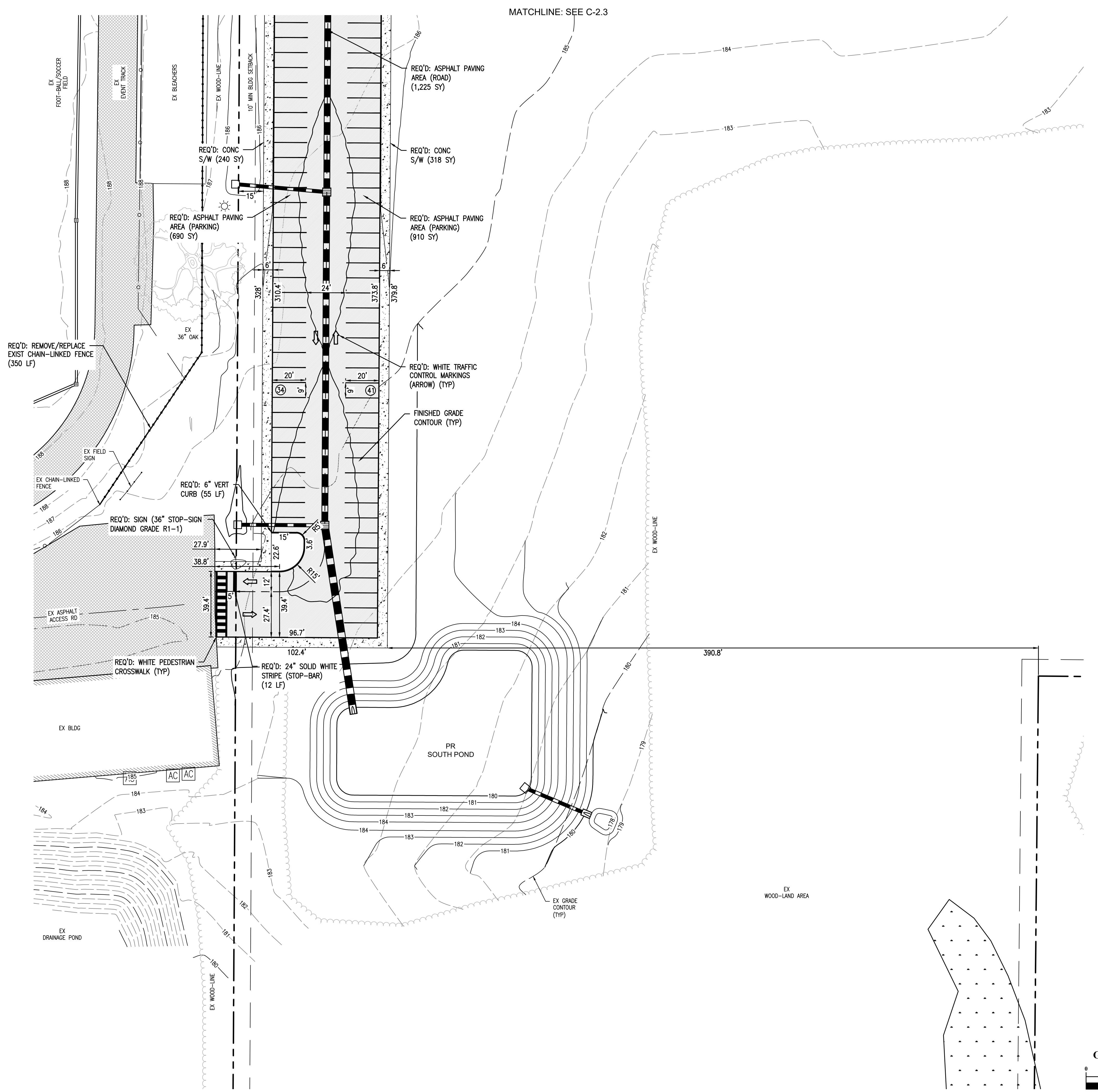


SHEET TITLE : GEOMETRIC PLAN 02  
 MCKEE JOB # : 23-199  
 DRAWN BY : BAT/EI  
 DATE : 06-04-24  
 REVISED DATE : 05-31-24  
 REVISED DATE :  
 REVISED DATE :  
 SHEET NO. : C-2.1





LEGEND	
W	R/W-PROP LINE
W	EX WATER-LINE
WV	EX WATER VALVE
FH	EX FIRE HYDRANT
WM	EX WATER METER
SS	EX SEWER-LINE
SSV	EX SEWER VALVE
SMH	EX SEWER MH
LS	EX LIFT STATION
GP	EX GRINDER PUMP
FO	EX FIBER-LINE
E	EX UG POWER-LINE
OHP	EX OH POWER-LINE
EB	EX ELEC BOX
TR	EX TRANSFORMER
AC	EX AC UNIT
PP	EX POWER POLE
LP	EX LIGHT POLE
GW	EX GUY WIRE
GAS	EX GAS-LINE
GR	EX GAS REGULATOR
DP	EX DRAINAGE PIPE
DMH	EX DRAINAGE MH
GI	EX GRATE INLET
HH	EX HAND-HOLE
CLF	EX CHAIN-LINKED FENCE
M	EX METAL FENCE
WL	EX WOOD-LINE
BLDG	EX BLDG AREA
ASPH	EX ASPHALT AREA
CONC	EX CONC AREA
WET	EX WETLANDS AREA
PR W	PR WATER-LINE
PR FH	PR FIRE HYDRANT
PR SS	PR SEWER-LINE
PR SMH	PR SEWER MH
PR S	PR SEWER CO
PR DS	PR DRAINAGE SWALE
PR F	PR FENCE
PR GAS	PR GAS-LINE
PR ASPH	PR ASPHALT AREA
PR OVL	PR OVERLAY AREA
PR CONC	PR CONC AREA
PR BLDG	PR BLDG



NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**McKee and Associates**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : GEOMETRIC PLAN 03

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

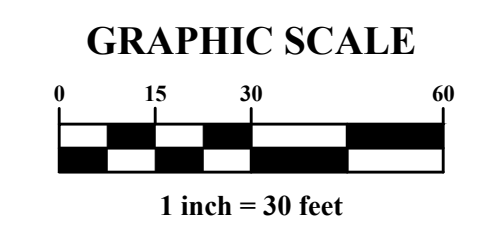
DATE : 06-04-24

REVISED DATE : 05-31-24

REVISED DATE :

REVISED DATE :

SHEET NO. : C-2.2





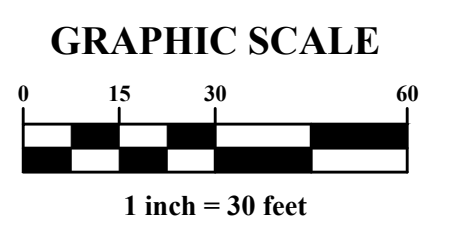
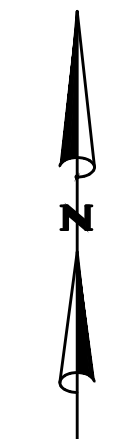
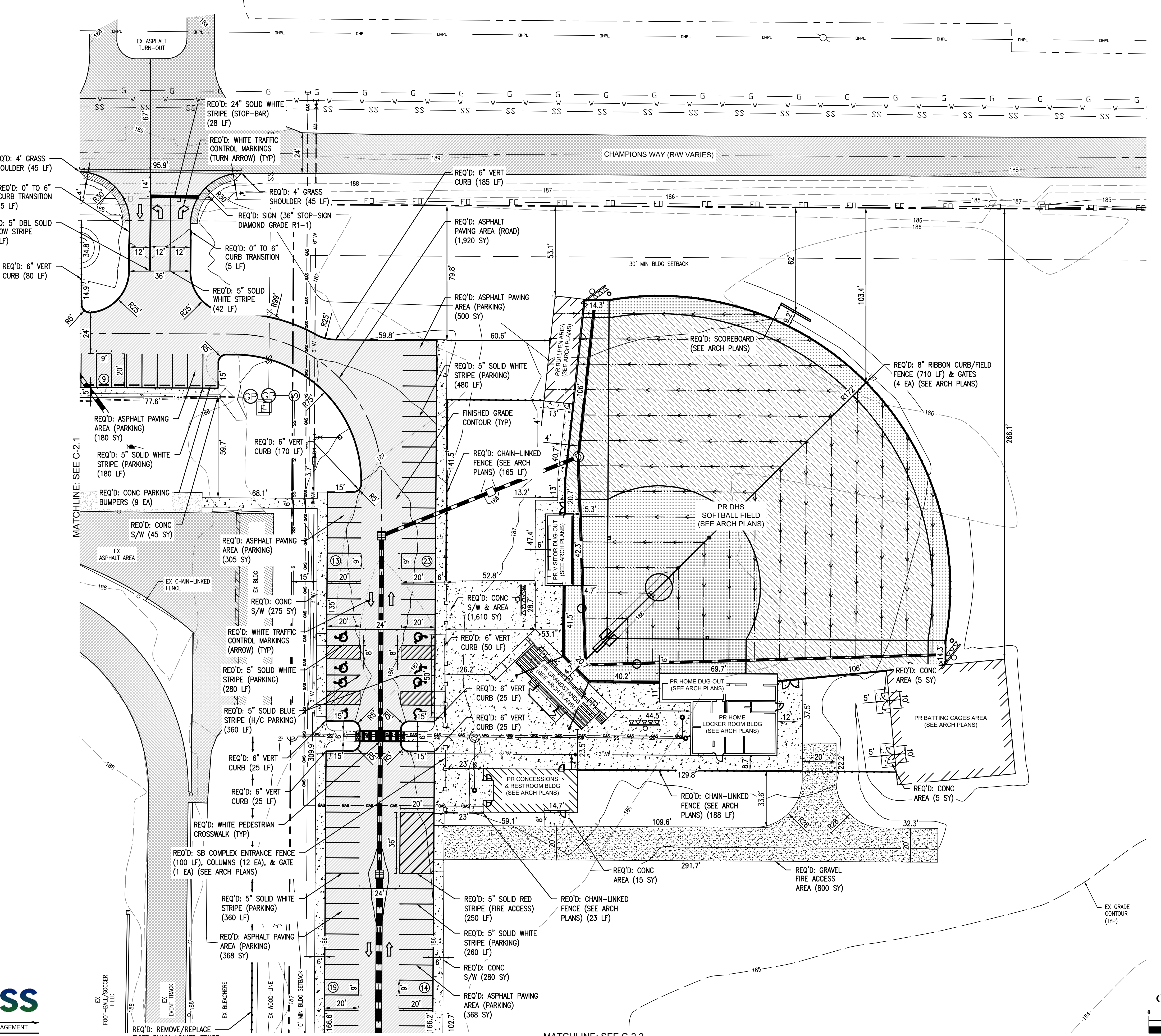


**NEW SOFTBALL COMPLEX**  
AT  
**DAPHNE HIGH SCHOOL**  
FOR THE  
**BALDWIN COUNTY B.O.E.**

**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊙<sup>WV</sup> — EX WATER VALVE
- ⊙<sup>FH</sup> — EX FIRE HYDRANT
- ⊙<sup>WM</sup> — EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊙<sup>SSV</sup> — EX SEWER VALVE
- ⊙<sup>MH</sup> — EX SEWER MH
- ⊙<sup>LS</sup> — EX LIFT STATION
- ⊙<sup>GP</sup> — EX GRINDER PUMP
- FO — EX FIBER-LINE
- E — E — EX UG POWER-LINE
- DHP — EX OH POWER-LINE
- ⊠ — EX ELEC BOX
- ⊠ — EX TRANSFORMER
- ⊠ — EX AC UNIT
- ⊠ — EX POWER POLE
- ⊠ — EX LIGHT POLE
- ⊠ — EX GUY WIRE
- GAS — GAS — EX GAS-LINE
- ⊠ — EX GAS REGULATOR
- — — EX DRAINAGE PIPE
- ⊠ — EX DRAINAGE MH
- ⊠ — EX GRATE INLET
- ⊠ — EX HAND-HOLE
- ⊠ — EX CHAIN-LINKED FENCE
- ⊠ — EX METAL FENCE
- ⊠ — EX WOOD-LINE
- ⊠ — EX BLDG AREA
- ⊠ — EX ASPHALT AREA
- ⊠ — EX CONC AREA
- ⊠ — EX WETLANDS AREA
- W — W — PR WATER-LINE
- SS — SS — PR SEWER-LINE
- ⊙<sup>MH</sup> — PR SEWER MH
- ⊙<sup>CO</sup> — PR SEWER CO
- — — PR DRAINAGE SWALE
- ⊠ — PR FENCE
- GAS — GAS — PR GAS-LINE
- ⊠ — PR ASPHALT AREA
- ⊠ — PR OVERLAY AREA
- ⊠ — PR CONC AREA
- ⊠ — PR BLDG



SHEET TITLE : GEOMETRIC PLAN 04  
MCKEE JOB # : 23-199  
DRAWN BY : BAT/EI  
DATE : 06-04-24  
REVISED DATE : 05-31-24  
REVISED DATE :  
REVISED DATE :

SHEET NO. : C-2.3



MATCHLINE: SEE C-2.2

MATCHLINE: SEE C-2.1





**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.

631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

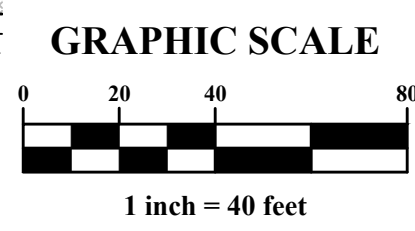
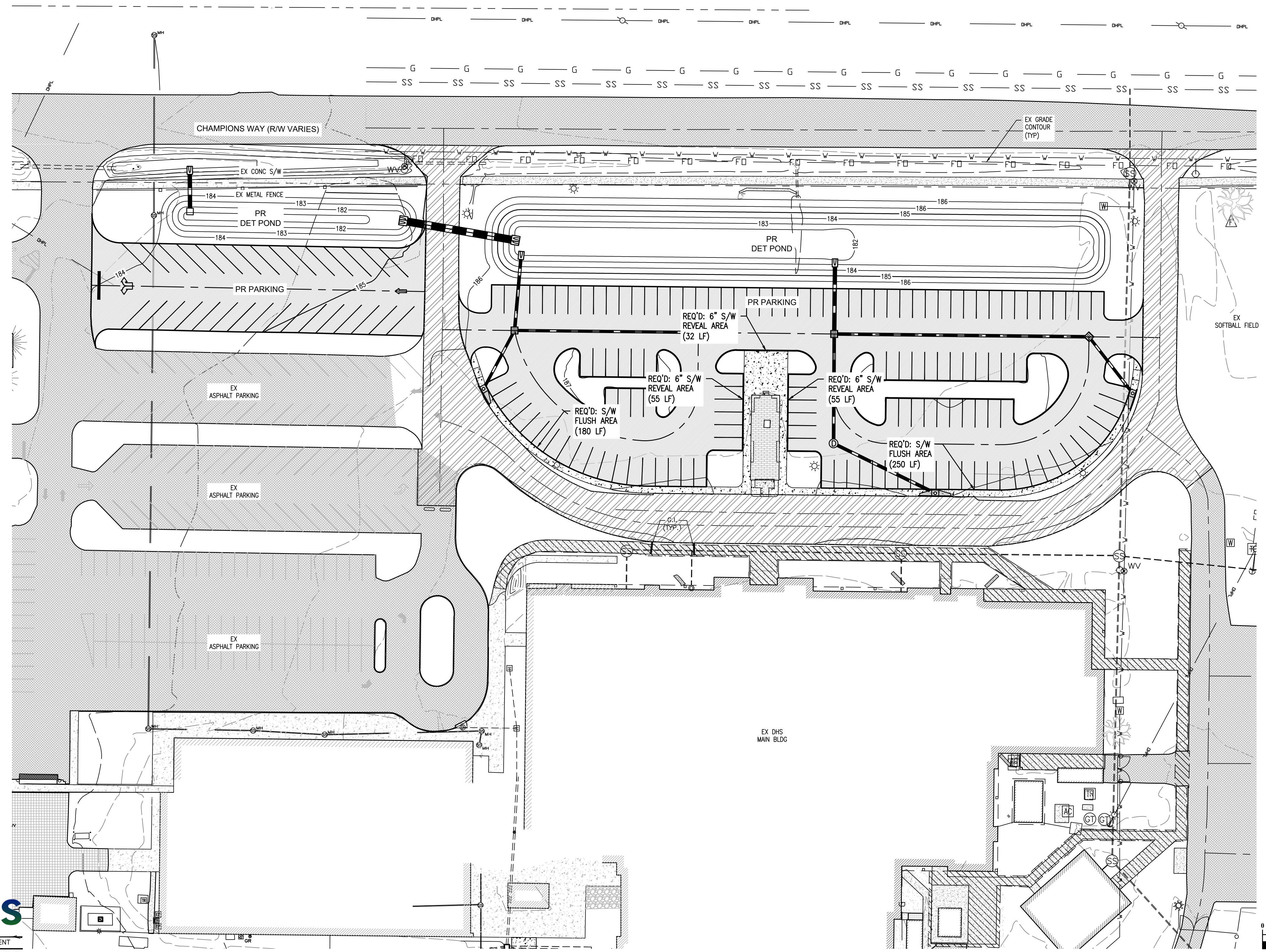
NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊙<sup>WV</sup> EX WATER VALVE
- ⊙<sup>FH</sup> EX FIRE HYDRANT
- ⊙<sup>WM</sup> EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊙<sup>SSV</sup> EX SEWER VALVE
- ⊙<sup>SMH</sup> EX SEWER MH
- ⊙<sup>LS</sup> EX LIFT STATION
- ⊙<sup>GP</sup> EX GRINDER PUMP
- FO — EX FIBER-LINE
- E — E — EX UG POWER-LINE
- OHP — EX OH POWER-LINE
- ⊠ EX ELEC BOX
- ⊠ EX TRANSFORMER
- ⊠ EX AC UNIT
- ⊠ EX POWER POLE
- ⊠ EX LIGHT POLE
- ⊠ EX GUY WIRE
- GAS — GAS — EX GAS-LINE
- ⊙<sup>GR</sup> EX GAS REGULATOR
- — — EX DRAINAGE PIPE
- ⊙ EX DRAINAGE MH
- ⊠ EX GRATE INLET
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- — — EX CHAIN-LINKED FENCE
- ⊠ EX METAL FENCE
- — — EX WOOD-LINE
- ▨ EX BLDG AREA
- ▨ EX ASPHALT AREA
- ▨ EX CONC AREA
- ▨ EX WETLANDS AREA
- W — W — PR WATER-LINE
- ⊙<sup>WV</sup> PR FIRE HYDRANT
- SS — SS — PR SEWER-LINE
- ⊙<sup>SMH</sup> PR SEWER MH
- ⊙<sup>CO</sup> PR SEWER CO
- — — PR DRAINAGE SWALE
- — — PR FENCE
- GAS — GAS — PR GAS-LINE
- ▨ PR ASPHALT AREA
- ▨ PR OVERLAY AREA
- ▨ PR CONC AREA
- ▨ PR BLDG

**NOTE:**

1. ADA PARKING SHALL NOT EXCEED 2.0% CROSS SLOPE IN ANY DIRECTION.



SHEET TITLE : ADA SIDEWALK & RAMP PLAN 01

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

DATE : 06-04-24

REVISED DATE : 05-31-24

REVISED DATE :

REVISED DATE :

SHEET NO. : C-2.4





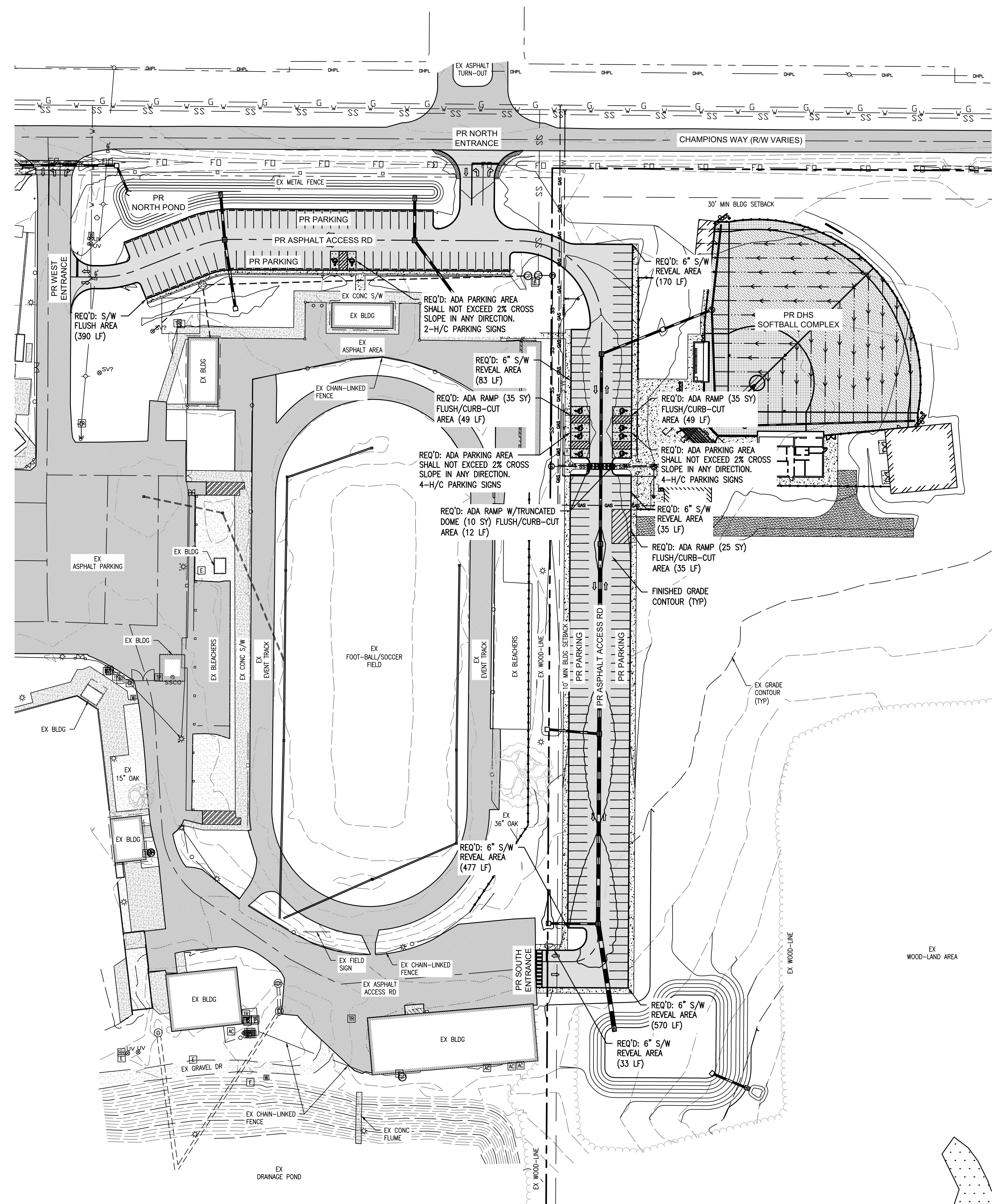


**NEW SOFTBALL COMPLEX**  
 AT  
**DAPHNE HIGH SCHOOL**  
 FOR THE  
**BALDWIN COUNTY B.O.E.**

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**LEGEND**

- W-W R/W-PROP LINE
- EX WATER-LINE
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER-LINE
- EX SEWER VALVE
- EX SEWER MH
- EX LIFT STATION
- EX GRINDER PUMP
- EX FIBER-LINE
- EX UG POWER-LINE
- EX OH POWER-LINE
- EX ELEC BOX
- EX TRANSFORMER
- EX AC UNIT
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX GAS-LINE
- EX GAS REGULATOR
- EX DRAINAGE PIPE
- EX DRAINAGE MH
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- PR ASPHALT AREA
- PR OVERLAY AREA
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- PR BLDG

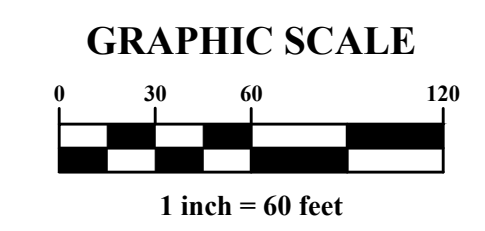


**NOTE:**

1. ADA PARKING SHALL NOT EXCEED 2.0% CROSS SLOPE IN ANY DIRECTION.



SHEET TITLE : ADA SIDEWALK & RAMP PLAN 02  
 MCKEE JOB # : 23-199  
 DRAWN BY : BAT/EI  
 DATE : 06-04-24  
 REVISED DATE : 05-31-24  
 REVISED DATE :  
 REVISED DATE :



SHEET NO. : C-2.5





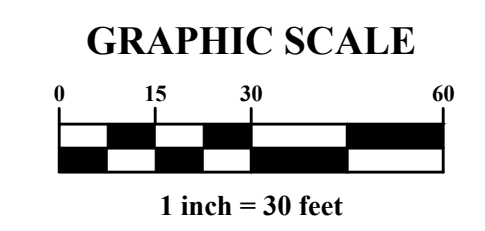
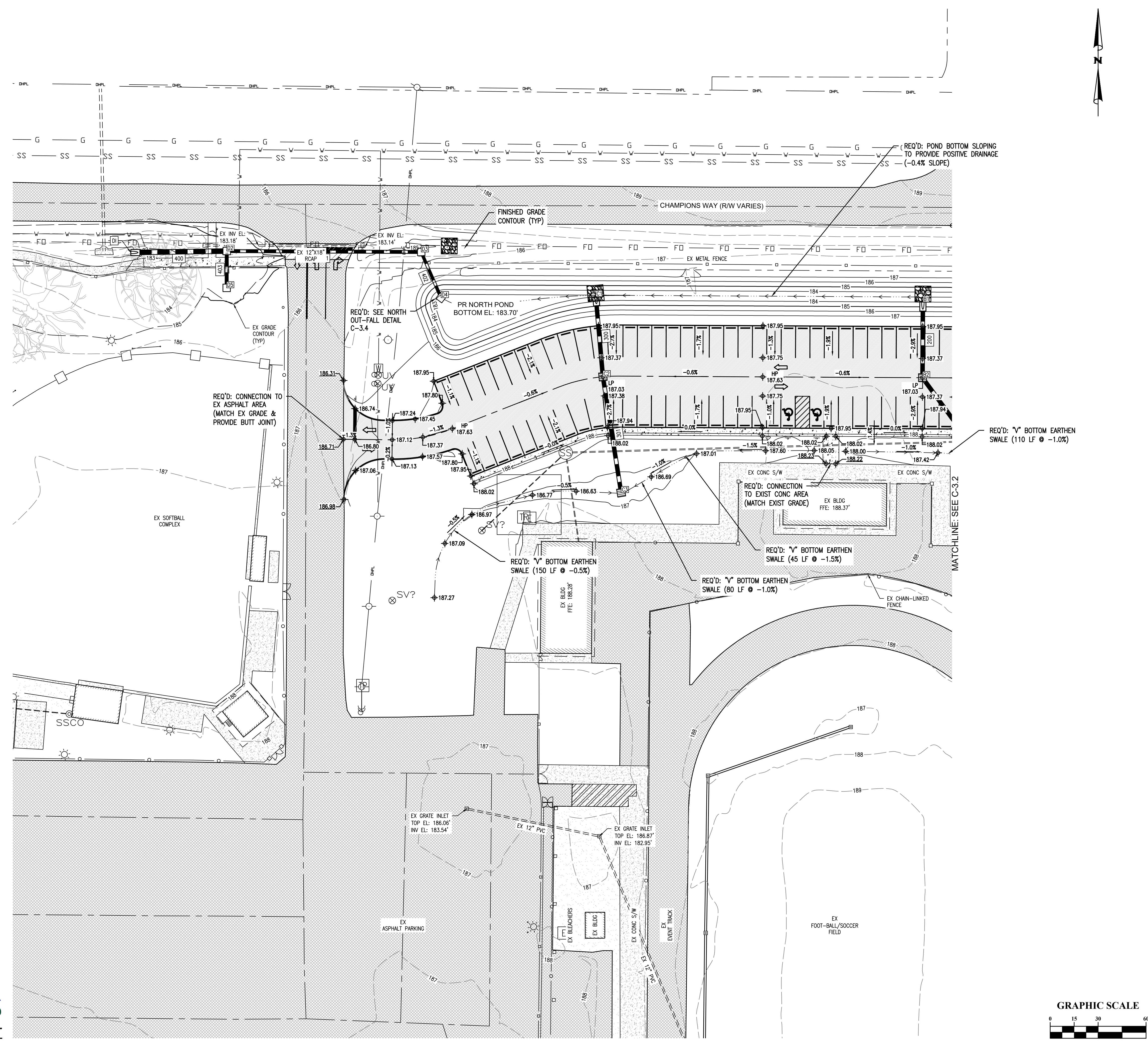


**NEW SOFTBALL COMPLEX**  
 AT  
**DAPHNE HIGH SCHOOL**  
 FOR THE  
**BALDWIN COUNTY B.O.E.**

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊙<sup>WV</sup> — EX WATER VALVE
- ⊙<sup>FH</sup> — EX FIRE HYDRANT
- ⊙<sup>WM</sup> — EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊙<sup>SSV</sup> — EX SEWER VALVE
- ⊙<sup>SMH</sup> — EX SEWER MH
- ⊙<sup>LS</sup> — EX LIFT STATION
- ⊙<sup>GP</sup> — EX GRINDER PUMP
- FO — FO — EX FIBER-LINE
- E — E — EX UG POWER-LINE
- OHP — OHP — EX OH POWER-LINE
- ⊠ — EX ELEC BOX
- ⊠ — EX TRANSFORMER
- ⊠ — EX AC UNIT
- ⊠ — EX POWER POLE
- ⊠ — EX LIGHT POLE
- ⊠ — EX GUY WIRE
- GAS — GAS — EX GAS-LINE
- ⊙<sup>GR</sup> — EX GAS REGULATOR
- — — EX DRAINAGE PIPE
- ⊙ — EX DRAINAGE MH
- ⊠ — EX GRATE INLET
- ⊠ — EX HAND-HOLE
- ⊠ — EX CHAIN-LINKED FENCE
- ⊠ — EX METAL FENCE
- ⊠ — EX WOOD-LINE
- ▨ — EX BLDG AREA
- ▨ — EX ASPHALT AREA
- ▨ — EX CONC AREA
- ▨ — EX WETLANDS AREA
- W — W — PR WATER-LINE
- SS — SS — PR SEWER-LINE
- ⊙ — PR SEWER MH
- ⊙ — PR SEWER CO
- — — PR DRAINAGE SWALE
- — — PR FENCE
- GAS — GAS — PR GAS-LINE
- ▨ — PR ASPHALT AREA
- ▨ — PR OVERLAY AREA
- ▨ — PR CONC AREA
- ▨ — PR BLDG



SHEET TITLE : GRADING & DRAINAGE PLAN 01  
 MCKEE JOB # : 23-199  
 DRAWN BY : BAT/EI  
 DATE : 06-04-24  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :  
 SHEET NO. : C-3.0







NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

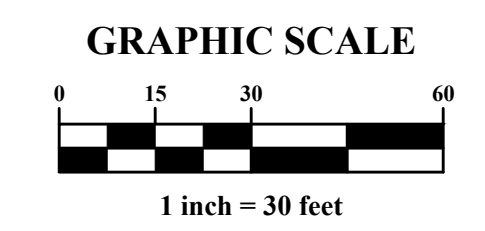
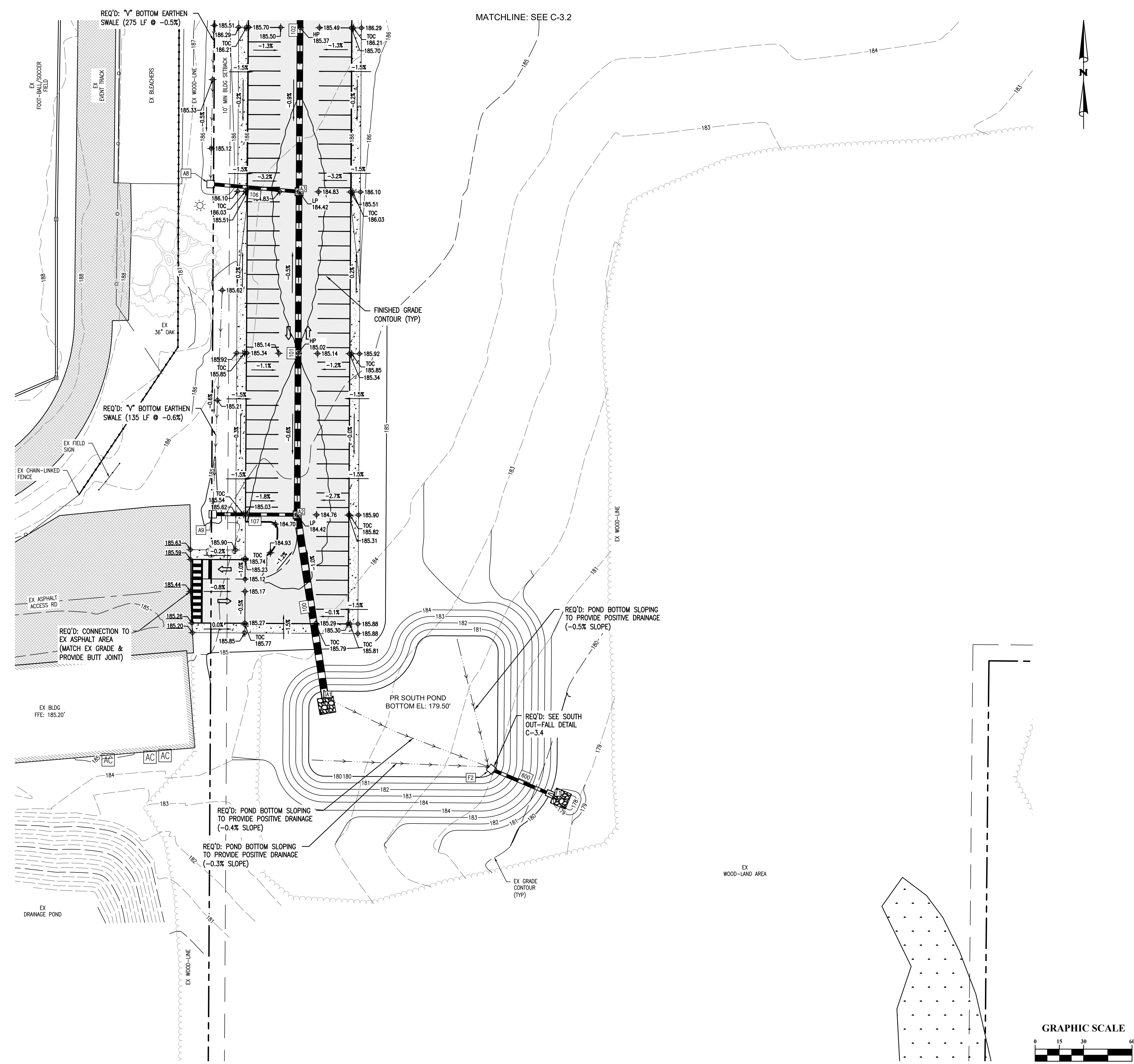
**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : GRADING & DRAINAGE PLAN 02  
MCKEE JOB # : 23-199  
DRAWN BY : BAT/EI  
DATE : 06-04-24  
REVISED DATE :  
REVISED DATE :  
REVISED DATE :

SHEET NO. : C-3.1

- LEGEND**
- W-W R/W-PROP LINE
  - EX WATER-LINE
  - EX WATER VALVE
  - EX FIRE HYDRANT
  - EX WATER METER
  - EX SEWER-LINE
  - EX SEWER VALVE
  - EX SEWER MH
  - EX LIFT STATION
  - EX GRINDER PUMP
  - EX FIBER-LINE
  - EX UG POWER-LINE
  - EX OH POWER-LINE
  - EX ELEC BOX
  - EX TRANSFORMER
  - EX AC UNIT
  - EX POWER POLE
  - EX LIGHT POLE
  - EX GUY WIRE
  - EX GAS-LINE
  - EX GAS REGULATOR
  - EX DRAINAGE PIPE
  - EX DRAINAGE MH
  - EX GRATE INLET
  - EX HAND-HOLE
  - EX CHAIN-LINKED FENCE
  - EX METAL FENCE
  - EX WOOD-LINE
  - EX BLDG AREA
  - EX ASPHALT AREA
  - EX CONC AREA
  - EX WETLANDS AREA
  - PR WATER-LINE
  - PR FIRE HYDRANT
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  - PR SEWER MH
  - PR SEWER CO
  - PR DRAINAGE SWALE
  - PR FENCE
  - PR GAS-LINE
  - PR ASPHALT AREA
  - PR OVERLAY AREA
  - PR CONC AREA
  - PR BLDG







NEW SOFTBALL COMPLEX  
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631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊙<sup>WV</sup> — EX WATER VALVE
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- ⊙<sup>WM</sup> — EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊙<sup>SSV</sup> — EX SEWER VALVE
- ⊙<sup>SMH</sup> — EX SEWER MH
- ⊙<sup>LS</sup> — EX LIFT STATION
- ⊙<sup>GP</sup> — EX GRINDER PUMP
- FO — FO — EX FIBER-LINE
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- OHP — OHP — EX OH POWER-LINE
- ⊠ — EX ELEC BOX
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- — — EX DRAINAGE PIPE
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- ⊠ — EX HAND-HOLE
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- ⊠ — EX WOOD-LINE
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- ▨ — EX ASPHALT AREA
- ▨ — EX CONC AREA
- ▨ — EX WETLANDS AREA
- W — W — PR WATER-LINE
- SS — SS — PR SEWER-LINE
- ⊙<sup>SMH</sup> — PR SEWER MH
- ⊙<sup>SSV</sup> — PR SEWER CO
- ⊙ — PR DRAINAGE SWALE
- — — PR FENCE
- GAS — GAS — PR GAS-LINE
- ▨ — PR ASPHALT AREA
- ▨ — PR OVERLAY AREA
- ▨ — PR CONC AREA
- ▨ — PR BLDG

REQ'D: CONNECTION TO EX ASPHALT AREA (MATCH EX GRADE & PROVIDE BUTT JOINT)

REQ'D: "V" BOTTOM EARTHEN SWALE (110 LF @ -1.0%)

MATCHLINE: SEE C-3.0

REQ'D: "V" BOTTOM EARTHEN SWALE (60 LF @ -0.7%)

REQ'D: CONNECTION TO EXIST CONC AREA (MATCH EXIST GRADE)

EX ASPHALT AREA

REQ'D: "V" BOTTOM EARTHEN SWALE (50 LF @ -0.6%)

EX CHAIN-LINKED FENCE

EX ASPHALT AREA

REQ'D: "V" BOTTOM EARTHEN SWALE (275 LF @ -0.5%)

EX CHAIN-LINKED FENCE

EX ASPHALT AREA

EX WOOD-LINE

EX BLEACHERS

EX FOOT-BALL/SOCCER FIELD

EX TRACK

EX WOOD-LINE

EX ASPHALT AREA

EX CONC AREA

EX WETLANDS AREA

PR WATER-LINE

PR SEWER-LINE

PR SEWER MH

PR SEWER CO

PR DRAINAGE SWALE

PR FENCE

PR GAS-LINE

PR ASPHALT AREA

PR OVERLAY AREA

PR CONC AREA

PR BLDG

PR HOME DUG-OUT

PR HOME LOCKER ROOM BLDG

PR CONCESSIONS & RESTROOM BLDG

PR HOME DUG-OUT

PR HOME LOCKER ROOM BLDG

PR CONCESSIONS & RESTROOM BLDG

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PR HOME DUG-OUT

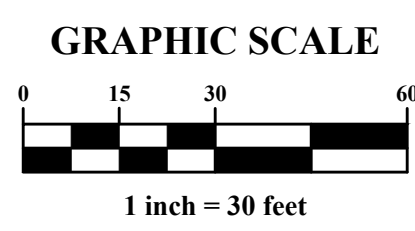
PR HOME LOCKER ROOM BLDG

PR CONCESSIONS & RESTROOM BLDG

PR HOME DUG-OUT

PR HOME LOCKER ROOM BLDG

PR CONCESSIONS & RESTROOM BLDG



MATCHLINE: SEE C-3.1

SHEET TITLE: GRADING & DRAINAGE PLAN 03

MCKEE JOB #: 23-199

DRAWN BY: BAT/EI

DATE: 06-04-24

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO.: C-3.2







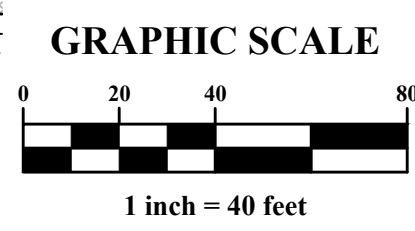
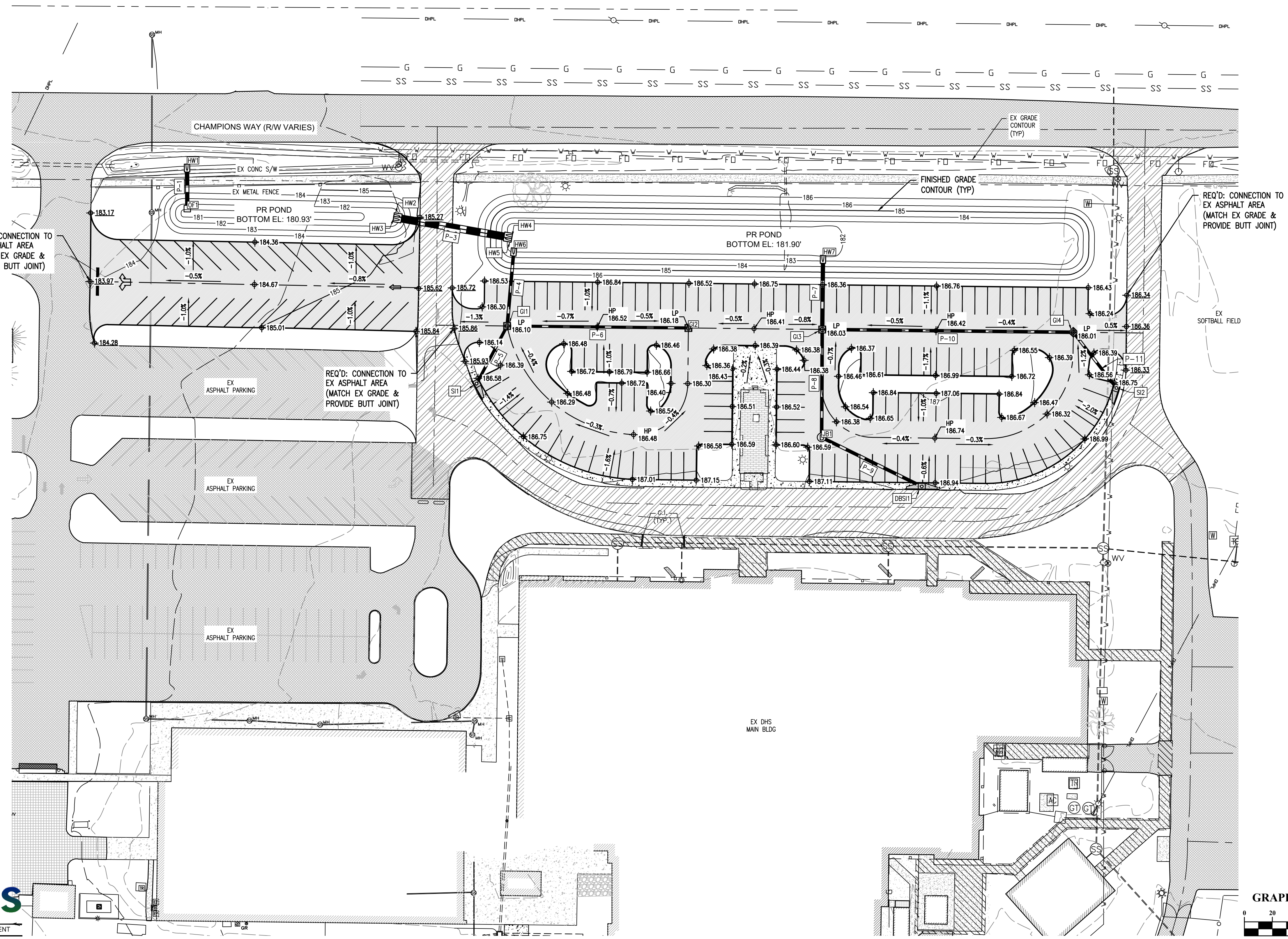
**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.

631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**LEGEND**

- W — W — R/W-PROP LINE
- W — W — EX WATER-LINE
- ⊙<sup>WV</sup> — EX WATER VALVE
- ⊙<sup>FH</sup> — EX FIRE HYDRANT
- ⊙<sup>WM</sup> — EX WATER METER
- SS — SS — EX SEWER-LINE
- ⊙<sup>SSV</sup> — EX SEWER VALVE
- ⊙<sup>SMH</sup> — EX SEWER MH
- ⊙<sup>LS</sup> — EX LIFT STATION
- ⊙<sup>GP</sup> — EX GRINDER PUMP
- FO — EX FIBER-LINE
- E — E — EX UG POWER-LINE
- OHP — EX OH POWER-LINE
- ⊠ — EX ELEC BOX
- ⊠ — EX TRANSFORMER
- ⊠ — EX AC UNIT
- ⊠ — EX POWER POLE
- ⊠ — EX LIGHT POLE
- ⊠ — EX GUY WIRE
- GAS — GAS — EX GAS-LINE
- ⊙<sup>GR</sup> — EX GAS REGULATOR
- — — EX DRAINAGE PIPE
- ⊙ — EX DRAINAGE MH
- ⊠ — EX GRATE INLET
- ⊠ — EX HAND-HOLE
- — — EX CHAIN-LINKED FENCE
- ⊠ — EX METAL FENCE
- ⊠ — EX WOOD-LINE
- ⊠ — EX BLDG AREA
- ⊠ — EX ASPHALT AREA
- ⊠ — EX CONC AREA
- ⊠ — EX WETLANDS AREA
- W — W — PR WATER-LINE
- ⊙<sup>FR</sup> — PR FIRE HYDRANT
- SS — SS — PR SEWER-LINE
- ⊙<sup>SMH</sup> — PR SEWER MH
- ⊙<sup>CO</sup> — PR SEWER CO
- — — PR DRAINAGE SWALE
- — — PR FENCE
- GAS — GAS — PR GAS-LINE
- ⊠ — PR ASPHALT AREA
- ⊠ — PR OVERLAY AREA
- ⊠ — PR CONC AREA
- ⊠ — PR BLDG



SHEET TITLE : GRADING & DRAINAGE PLAN 04

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

DATE : 06-04-24

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : C-3.3







NEW SOFTBALL COMPLEX  
 AT  
 DAPHNE HIGH SCHOOL  
 FOR THE  
 BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

WEST PARKING HEADWALL SCHEDULE	
NAME	INVERT
HW1	180.52 (P-1)
HW2	181.06 (P-2)
HW3	181.06 (P-3)
HW4	181.30 (P-2)
HW5	181.30 (P-3)
HW6	181.30 (P-4)
HW7	182.00 (P-7)

PARKING S-INLET SCHEDULE				
NAME	RIM EL	THROAT EL	INV IN	INV OUT
DBS1 48 x 48 inch Rectangular Structure	186.92	185.92		182.95 (P-9)
SI1 48 x 48 inch Rectangular Structure	186.62	185.62		181.81 (P-5)
SI2 48 x 48 inch Rectangular Structure	186.79	185.79		182.85 (P-11)

WEST PARKING GRATE INLET SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
GI1	186.10	181.58 (P-6) 181.58 (P-5)	181.58 (P-4)
GI2	186.18		182.23 (P-6)
GI3	186.03	182.16 (P-10) 182.16 (P-8)	182.16 (P-7)
GI4	186.01	182.70 (P-11)	182.70 (P-10)

WEST PARKING JUNCTION BOX SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
JB1	186.51	182.55 (P-9)	182.55 (P-8)

WEST PARKING STORM PIPE SCHEDULE						
PIPE NAME	SIZE	SLOPE	LENGTH	STRUCTURE 1	STRUCTURE 2	
P-1	24 inch Concrete Pipe	0.30%	29 L.F.	OF1	HW1	
P-2	24 inch Concrete Pipe	0.29%	86 L.F.	HW4	HW2	
P-3	24 inch Concrete Pipe	0.29%	86 L.F.	HW5	HW3	
P-4	18 inch Concrete Pipe	0.50%	53 L.F.	GI1	HW6	
P-5	15 inch Concrete Pipe	0.50%	42 L.F.	SI1	GI1	
P-6	15 inch Concrete Pipe	0.50%	126 L.F.	GI2	GI1	
P-7	24 inch Concrete Pipe	0.30%	52 L.F.	GI3	HW7	
P-8	18 inch Concrete Pipe	0.50%	74 L.F.	JB1	GI3	
P-9	18 inch Concrete Pipe	0.50%	76 L.F.	DBS1	JB1	
P-10	18 inch Concrete Pipe	0.30%	175 L.F.	GI4	GI3	
P-11	15 inch Concrete Pipe	0.30%	46 L.F.	SI2	GI4	

PARKING STORM PIPE SCHEDULE						
PIPE NAME	SIZE	SLOPE	LENGTH	STRUCTURE 1	STRUCTURE 2	
100	44"x27" RCAP	0.30%	111 L.F.	A1	A2	
101	36"x23" RCAP	0.30%	197 L.F.	A2	A3	
102	36"x23" RCAP	0.30%	197 L.F.	A3	A4	
103	24" RCP	0.30%	197 L.F.	A4	A5	
104	18" RCP	0.30%	66 L.F.	A5	A6	
105	18" RCP	0.31%	52 L.F.	A6	A7	
106	18" RCP	0.50%	51 L.F.	A3	A8	
107	18" RCP	0.73%	49 L.F.	A2	A9	
200	22"x14" RCAP	0.30%	44 L.F.	B1	B2	
201	22"x14" RCAP	0.30%	88 L.F.	B2	B3	
300	22"x14" RCAP	0.30%	47 L.F.	C1	C2	
301	22"x14" RCAP	0.30%	70 L.F.	C2	C3	
400	29"x18" RCAP	0.31%	57 L.F.	D2	D1	
401	18" RCP	0.30%	118 L.F.	D3	D2	
402	15" RCP	0.52%	27 L.F.	D4	D3	
403	18" RCP	0.50%	22 L.F.	D5	D2	
600	18" RCP	0.30%	39 L.F.	F2	F1	

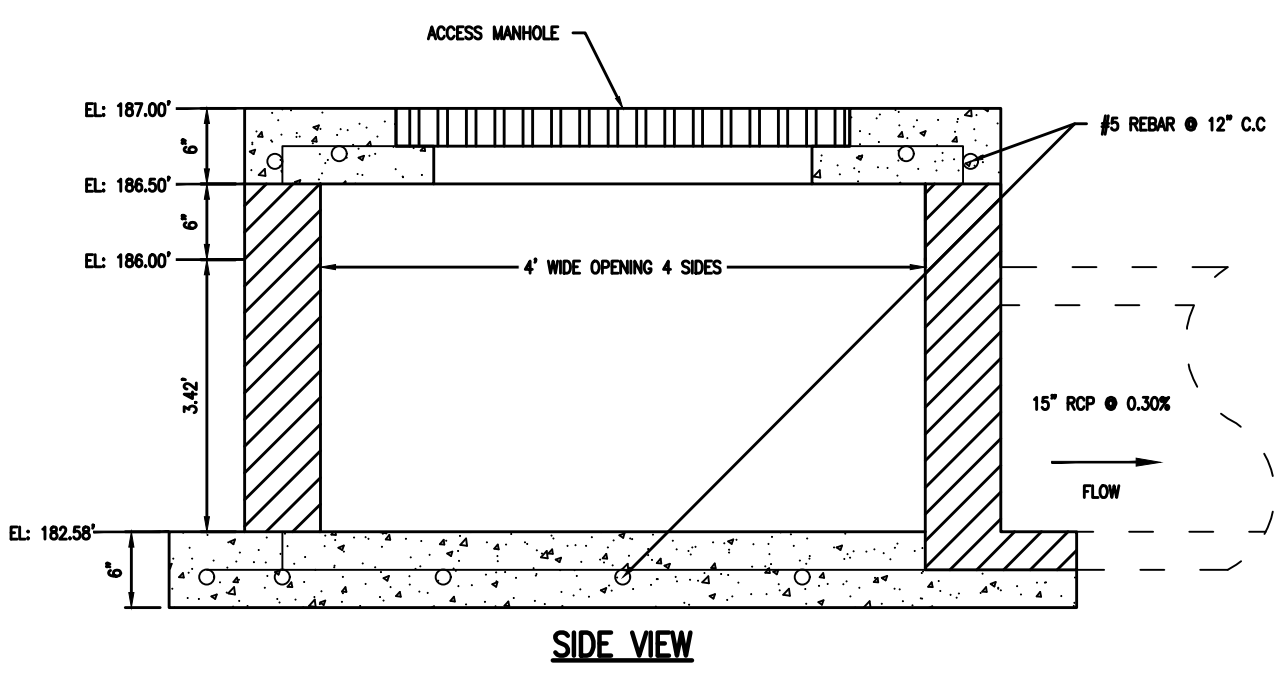
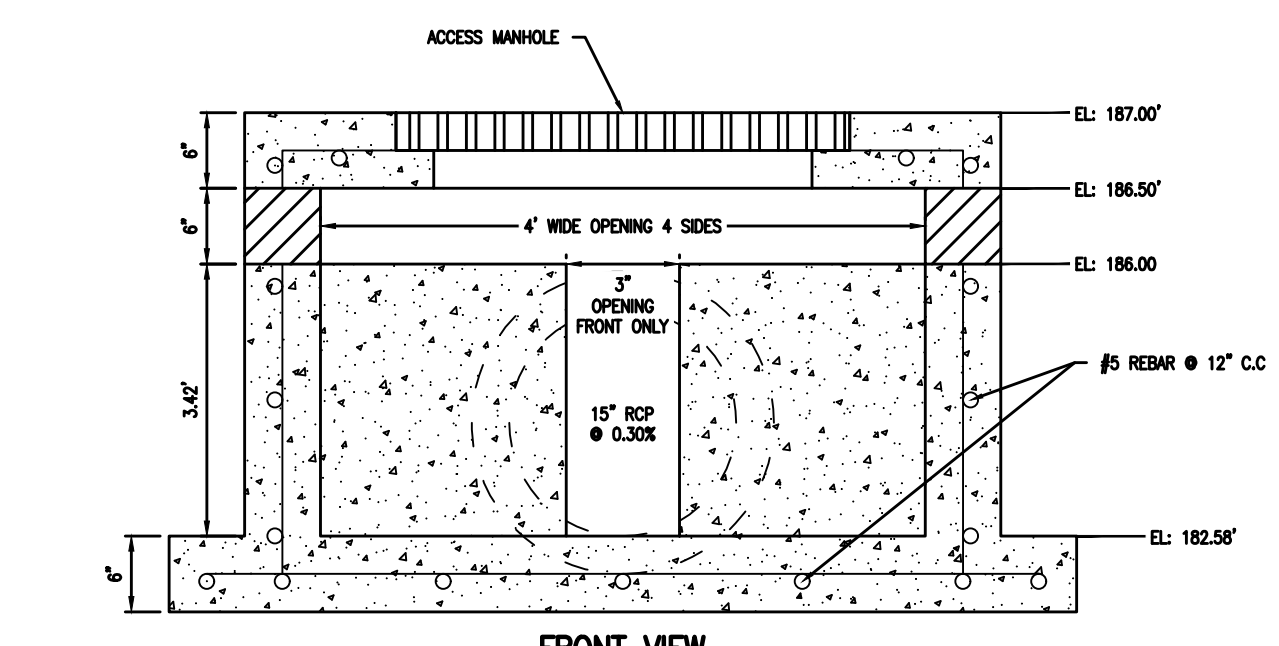
PARKING GRATE INLET SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
A2	184.42	179.89 (101) 181.42 (107)	179.89 (100)
A3	184.42	180.50 (102) 181.42 (106)	180.50 (101)
A4	184.78	181.10 (103)	181.10 (102)
A5	185.45	181.70 (104)	181.70 (103)
B2	187.03	183.87 (201)	183.87 (200)
B3	186.90		184.15 (201)
C2	187.03	183.15 (301)	183.15 (300)
C3	186.50		183.37 (301)

PARKING WEIR INLET SCHEDULE				
NAME	RIM EL	THROAT EL	INV IN	INV OUT
A6 GRATE INLET	185.90	184.90	181.91 (105)	181.91 (104)
A8 WEIR INLET	186.00	185.00		181.69 (106)
A9 WEIR INLET	185.80	184.80		181.80 (107)

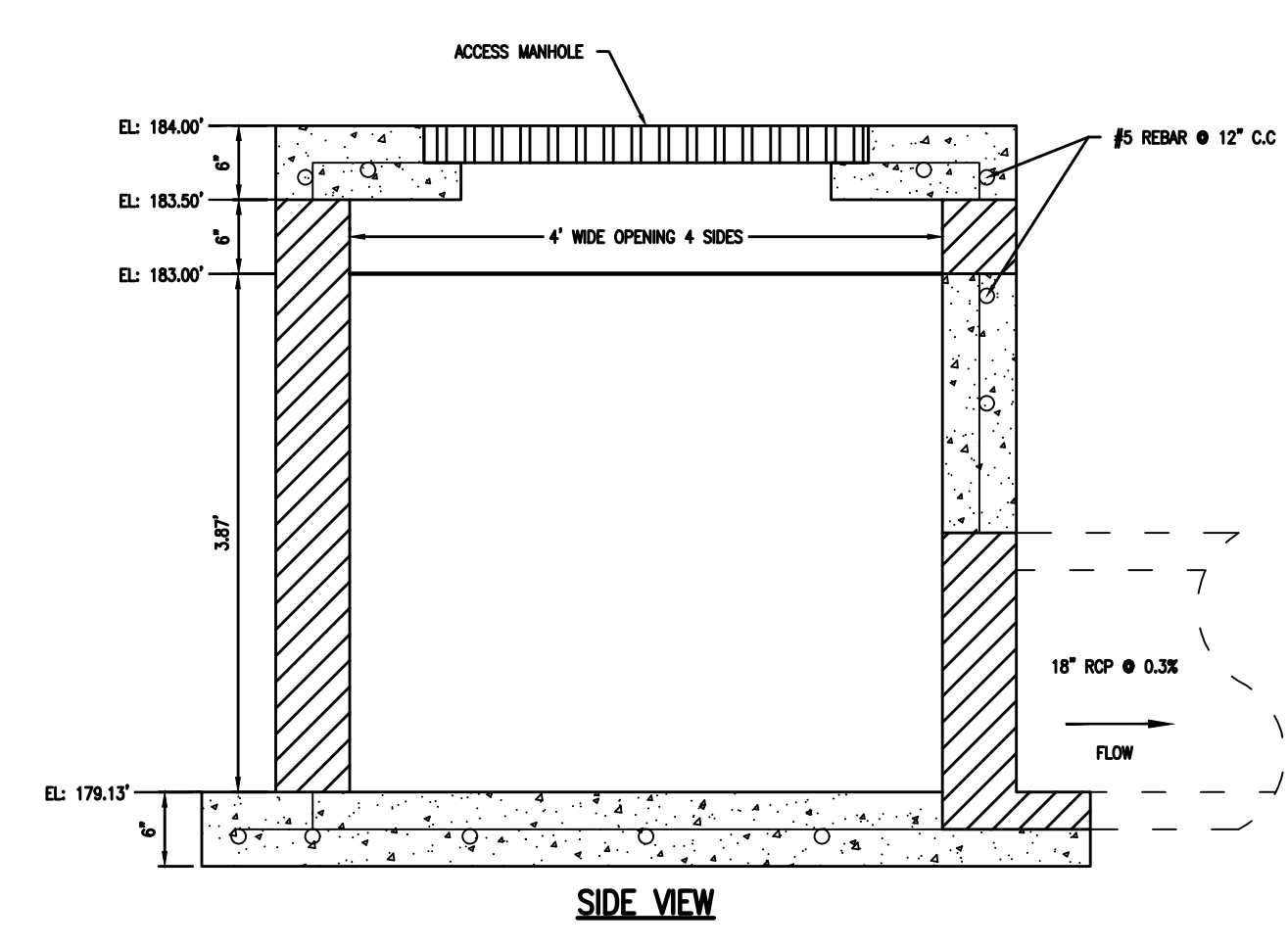
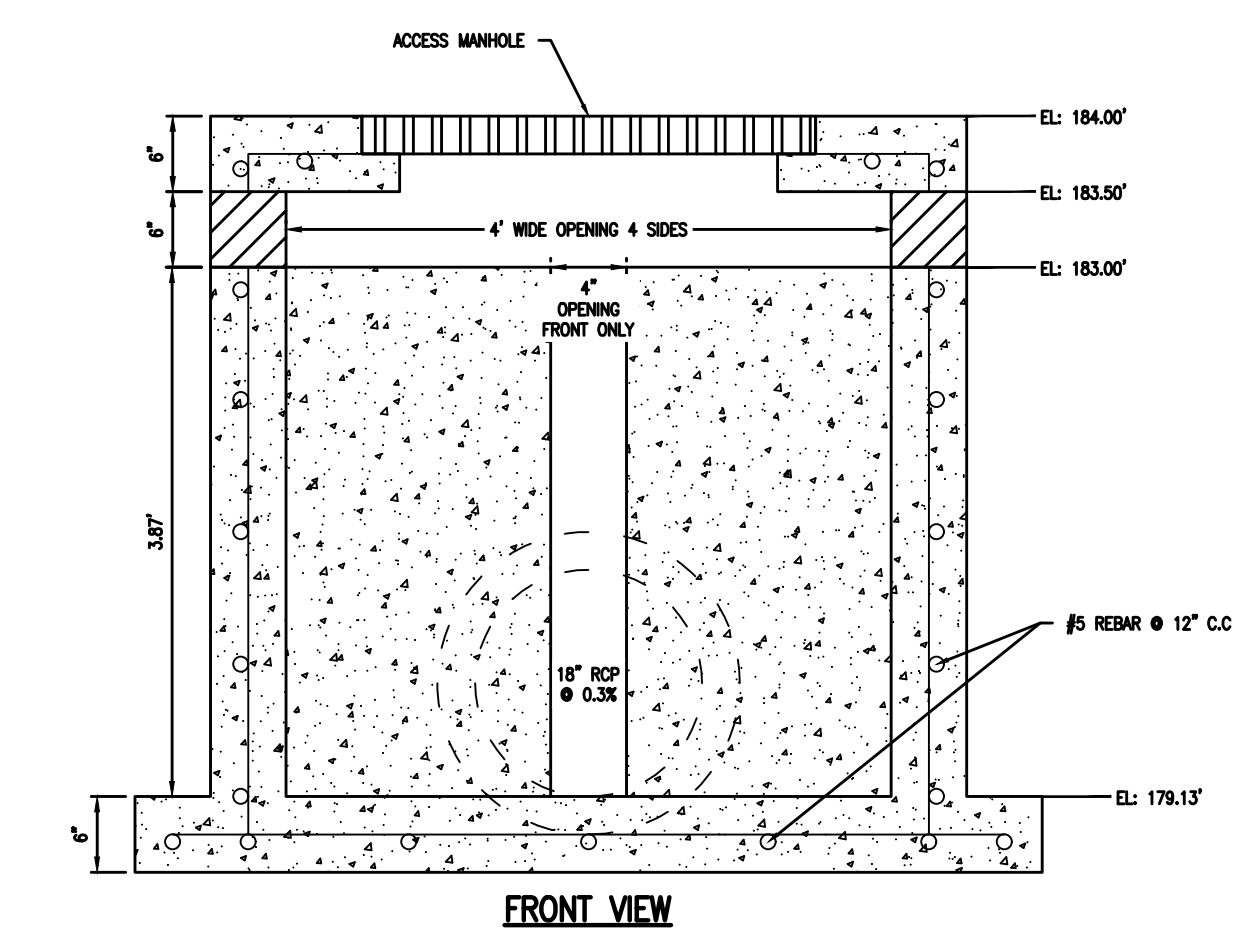
PARKING HEADWALL SCHEDULE	
NAME	INVERT
A1	179.55 (100)
B1	183.73 (200)
C1	183.00 (300)
D3	182.37 (402) 182.12 (401)
F1	179.00 (600)

PARKING JUNCTION BOX SCHEDULE			
NAME	RIM EL	INV IN	INV OUT
A7	186.95		182.08 (105)

SOFTBALL STORM PIPE SCHEDULE					
PIPE NAME	SIZE	SLOPE	LENGTH	STRUCTURE 1	STRUCTURE 2
500	12" CPPP	0.62%	121 L.F.		S1
501	12" CPPP	0.00%	209 L.F.	S1	
504	12" CPPP	0.51%	88 L.F.		



NORTH POND OUT-FALL DETAIL (D2)  
N.T.S.



SOUTH POND OUT-FALL DETAIL (F2)  
N.T.S.



SHEET TITLE : STORM TABLES

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

DATE : 06-04-24

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : C-3.4



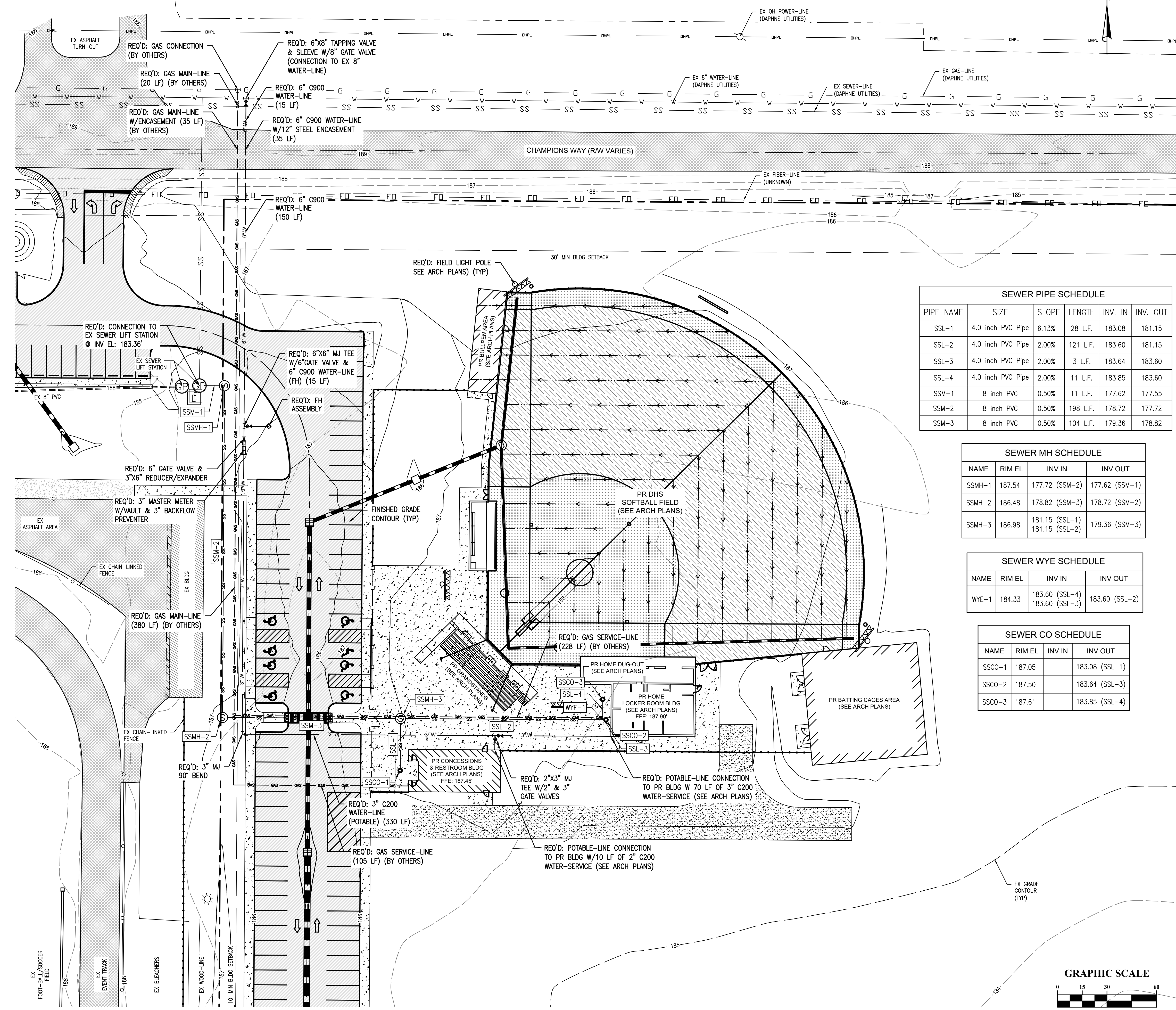


NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

MCKEE and ASSOCIATES  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**LEGEND**

- W-W R/W-PROP LINE
- EX WATER-LINE
- EX WATER VALVE
- EX FIRE HYDRANT
- EX WATER METER
- EX SEWER-LINE
- EX SEWER VALVE
- EX SEWER MH
- EX LIFT STATION
- EX GRINDER PUMP
- EX FIBER-LINE
- EX UG POWER-LINE
- EX OH POWER-LINE
- EX ELEC BOX
- EX TRANSFORMER
- EX AC UNIT
- EX POWER POLE
- EX LIGHT POLE
- EX GUY WIRE
- EX GAS-LINE
- EX GAS REGULATOR
- EX DRAINAGE PIPE
- EX DRAINAGE MH
- EX GRATE INLET
- EX HAND-HOLE
- EX CHAIN-LINKED FENCE
- EX METAL FENCE
- EX WOOD-LINE
- EX BLDG AREA
- EX ASPHALT AREA
- EX CONC AREA
- EX WETLANDS AREA
- PR WATER-LINE
- PR FIRE HYDRANT
- PR SEWER-LINE
- PR SEWER MH
- PR SEWER CO
- PR DRAINAGE SWALE
- PR FENCE
- PR GAS-LINE
- PR ASPHALT AREA
- PR OVERLAY AREA
- PR CONC AREA
- PR BLDG



**SEWER PIPE SCHEDULE**

PIPE NAME	SIZE	SLOPE	LENGTH	INV. IN	INV. OUT
SSL-1	4.0 inch PVC Pipe	6.13%	28 L.F.	183.08	181.15
SSL-2	4.0 inch PVC Pipe	2.00%	121 L.F.	183.60	181.15
SSL-3	4.0 inch PVC Pipe	2.00%	3 L.F.	183.64	183.60
SSL-4	4.0 inch PVC Pipe	2.00%	11 L.F.	183.85	183.60
SSM-1	8 inch PVC	0.50%	11 L.F.	177.62	177.55
SSM-2	8 inch PVC	0.50%	198 L.F.	178.72	177.72
SSM-3	8 inch PVC	0.50%	104 L.F.	179.36	178.82

**SEWER MH SCHEDULE**

NAME	RIM EL	INV IN	INV OUT
SSMH-1	187.54	177.72 (SSM-2)	177.62 (SSM-1)
SSMH-2	186.48	178.82 (SSM-3)	178.72 (SSM-2)
SSMH-3	186.98	181.15 (SSL-1) 181.15 (SSL-2)	179.36 (SSM-3)

**SEWER WYE SCHEDULE**

NAME	RIM EL	INV IN	INV OUT
WYE-1	184.33	183.60 (SSL-4) 183.60 (SSL-3)	183.60 (SSL-2)

**SEWER CO SCHEDULE**

NAME	RIM EL	INV IN	INV OUT
SSCO-1	187.05		183.08 (SSL-1)
SSCO-2	187.50		183.64 (SSL-3)
SSCO-3	187.61		183.85 (SSL-4)



SHEET TITLE: UTILITY PLAN

MCKEE JOB #: 23-199

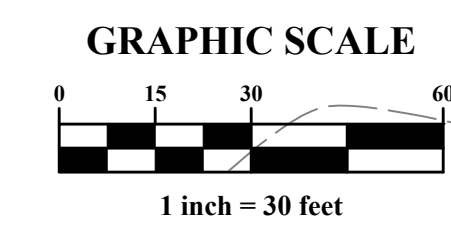
DRAWN BY: BAT/EI

DATE: 06-04-24

REVISED DATE: 05-31-24

REVISED DATE:

REVISED DATE:



SHEET NO.: C-4.0







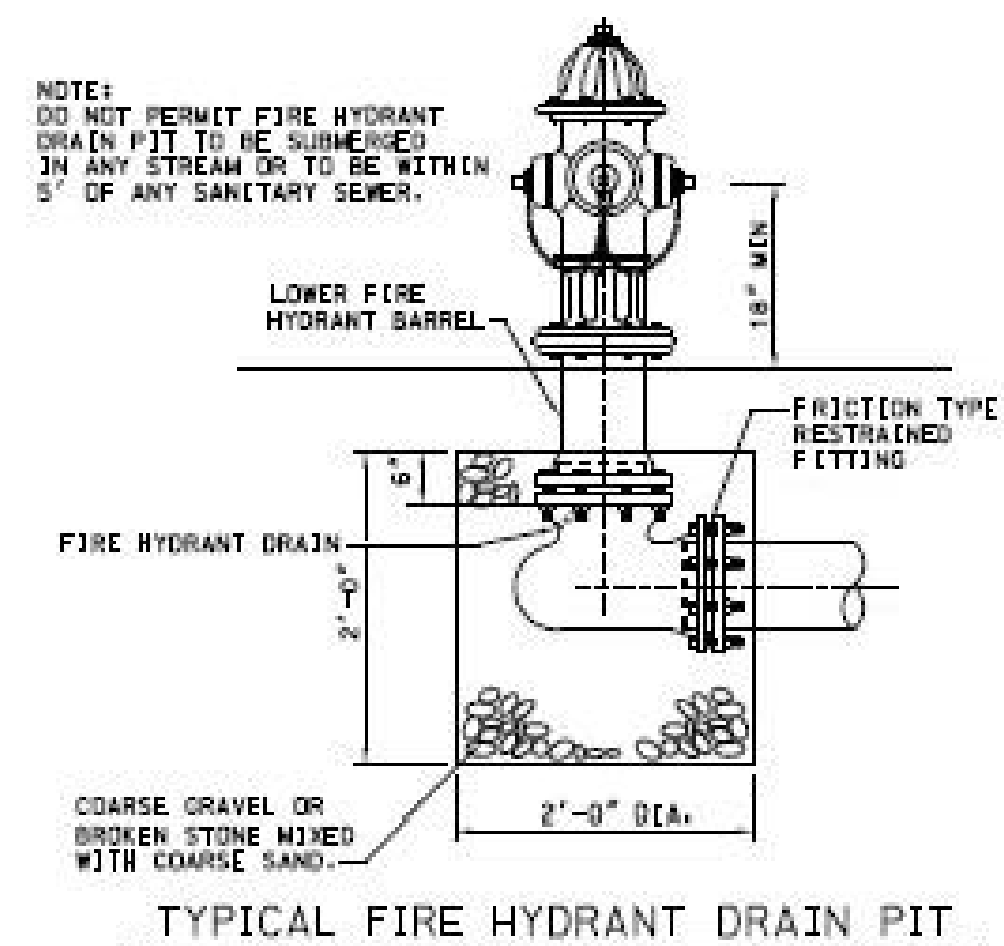
NEW SOFTBALL COMPLEX  
 AT  
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 ARCHITECTS, INC.

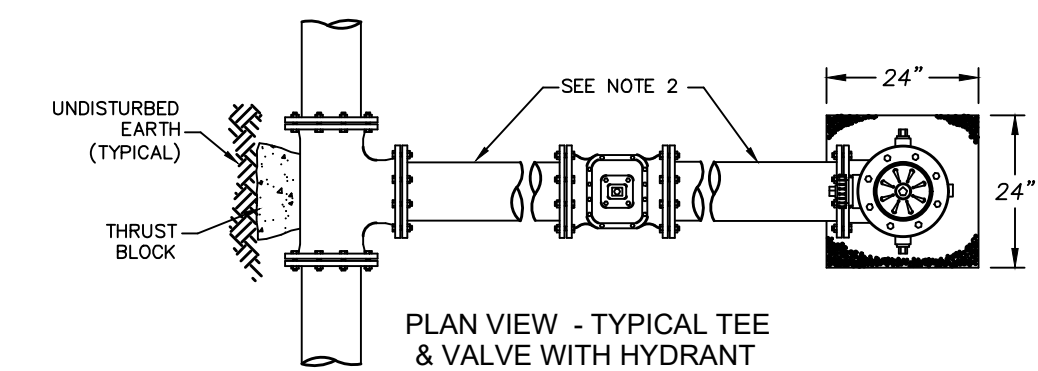
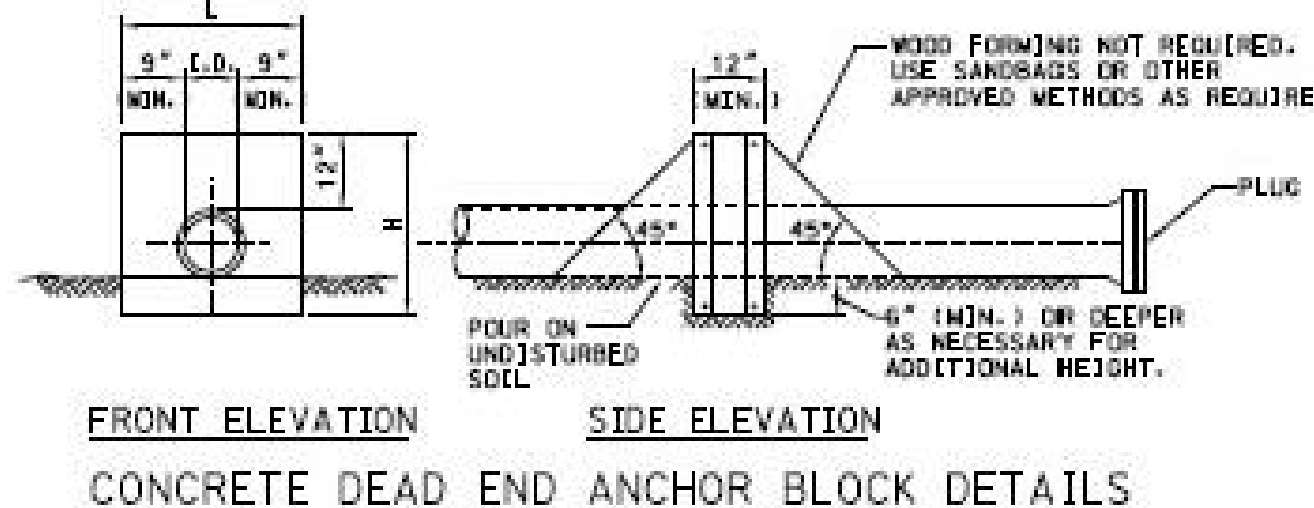
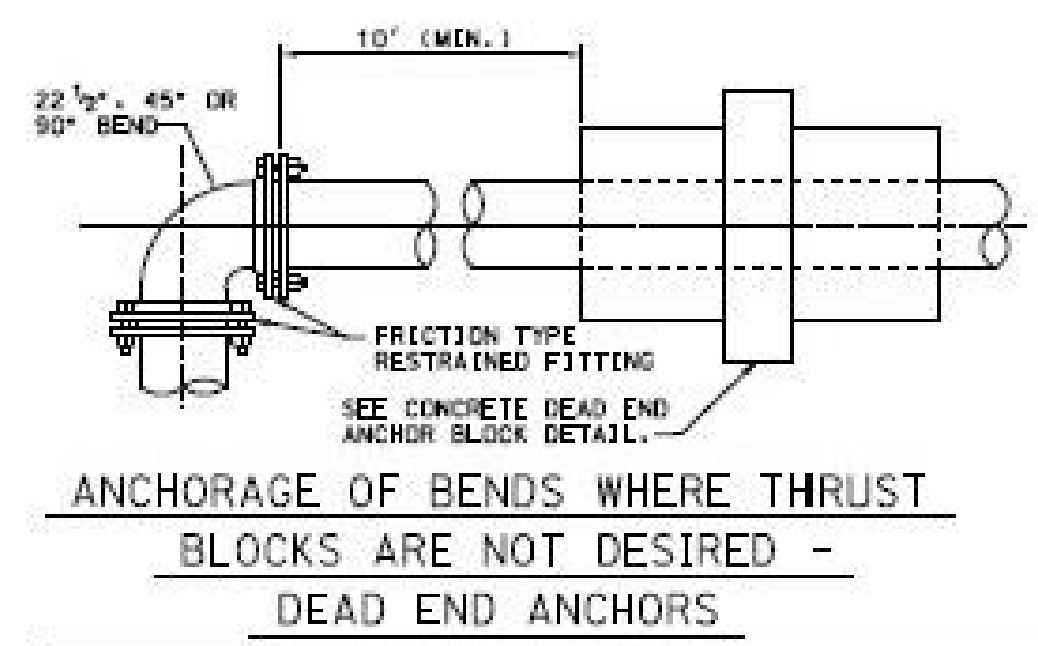
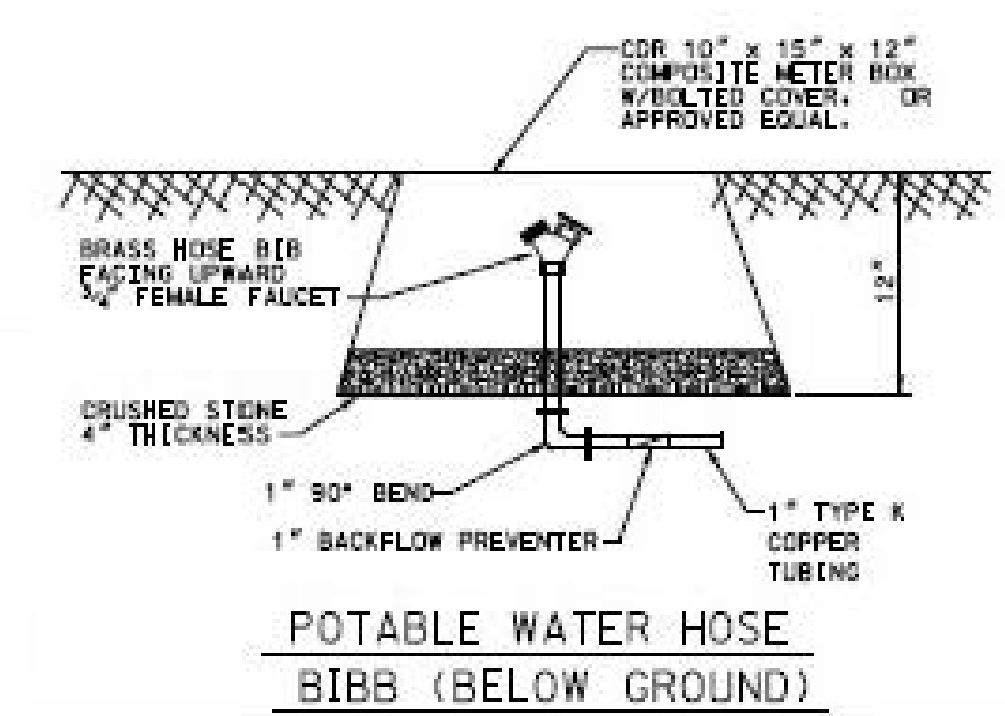
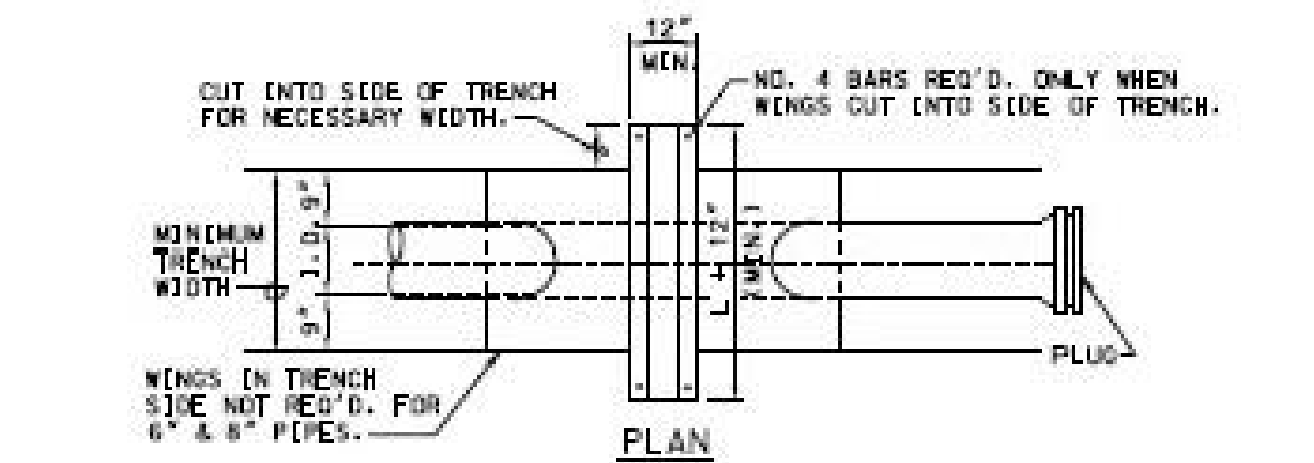
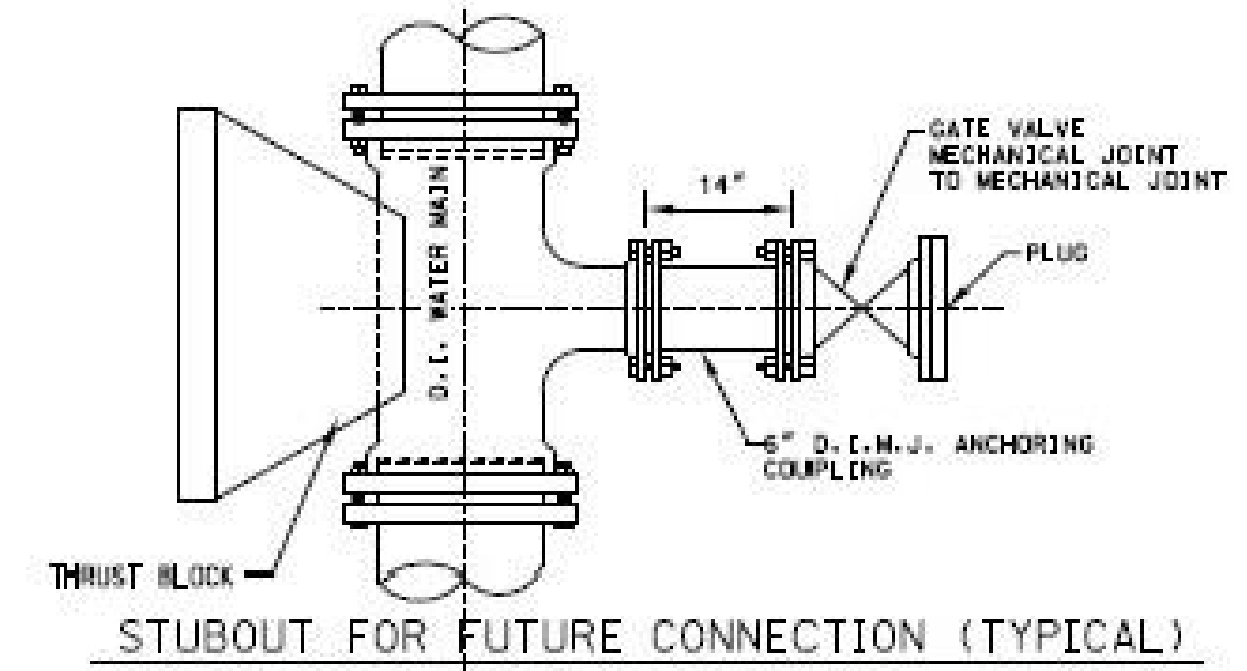
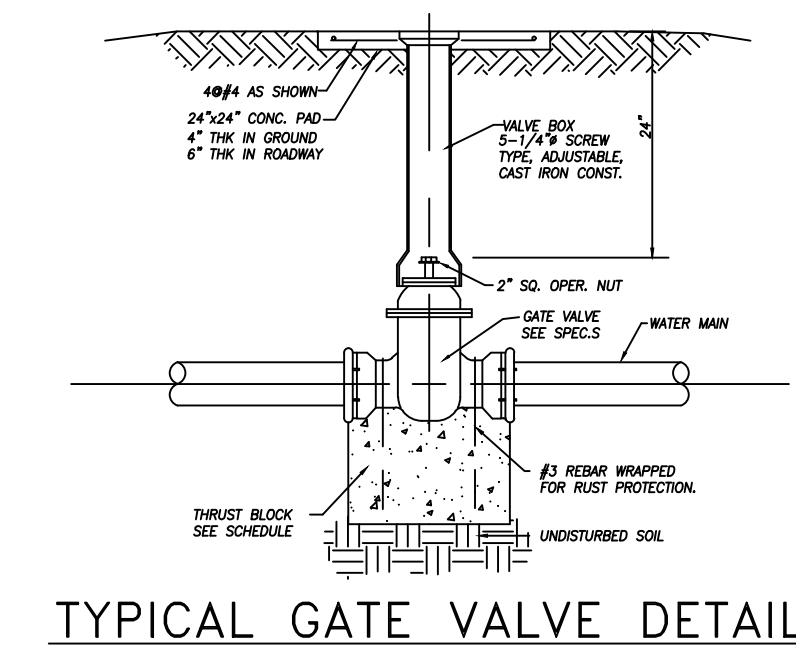
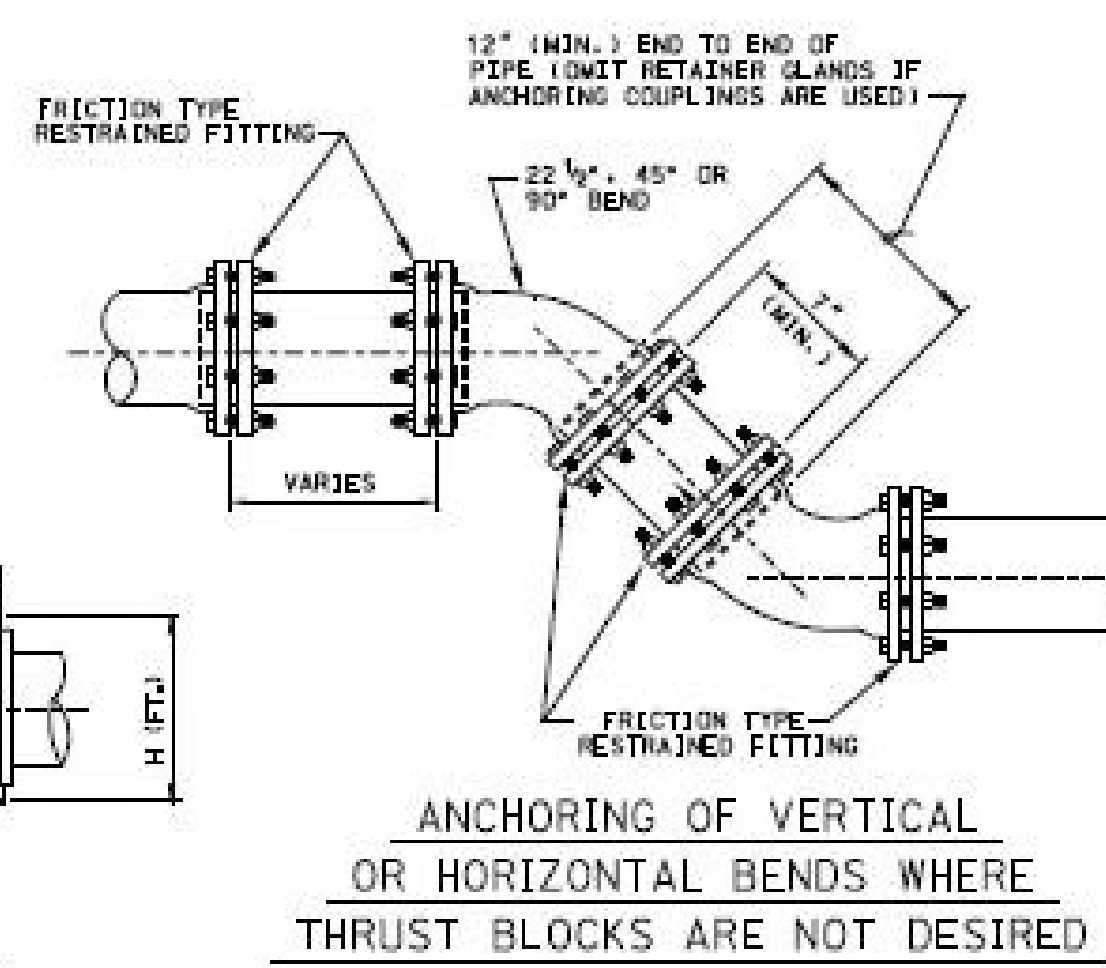
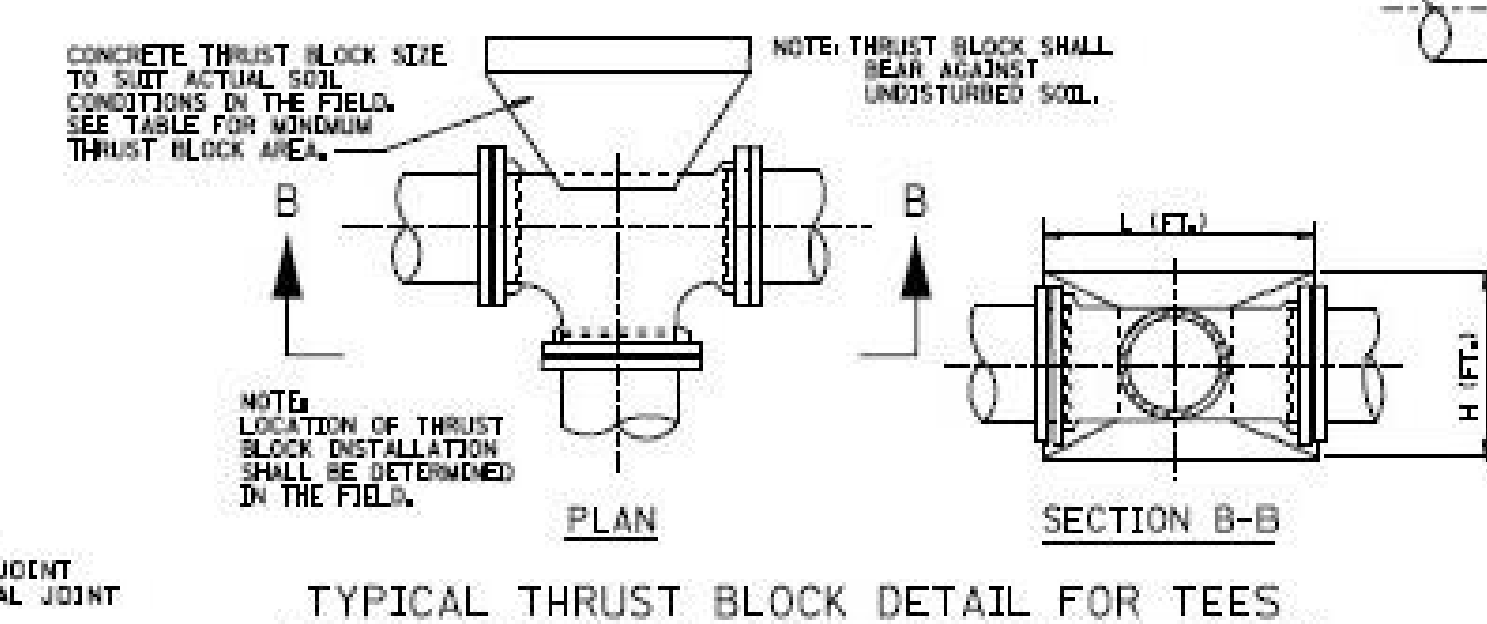
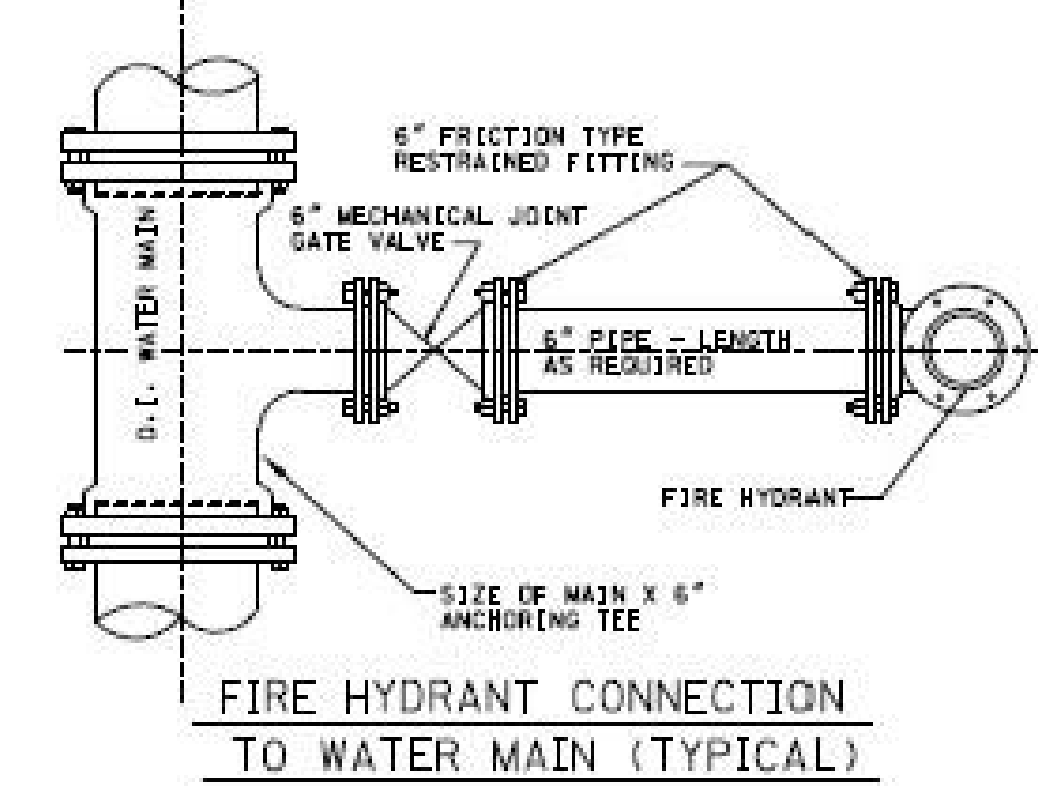
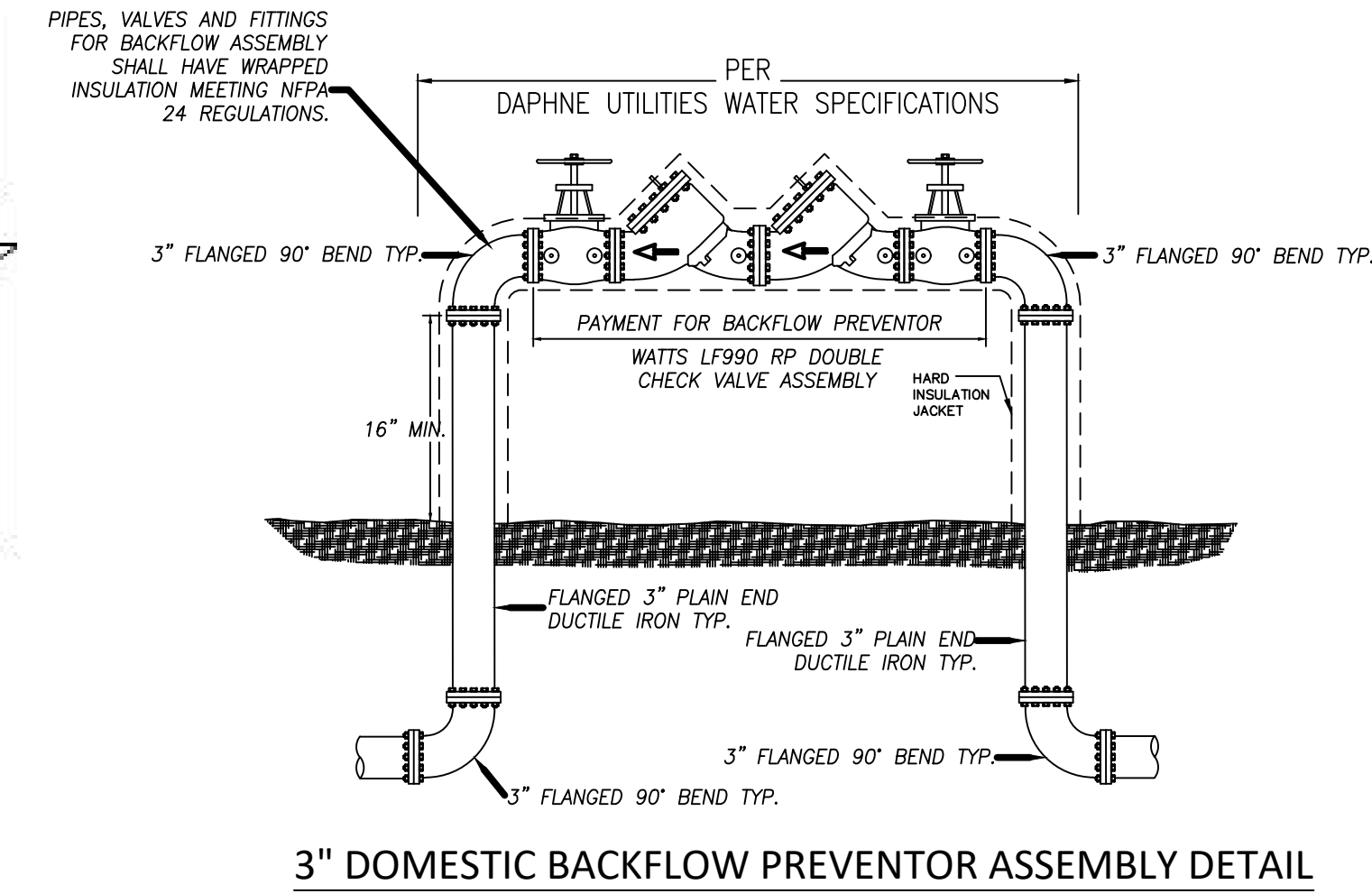
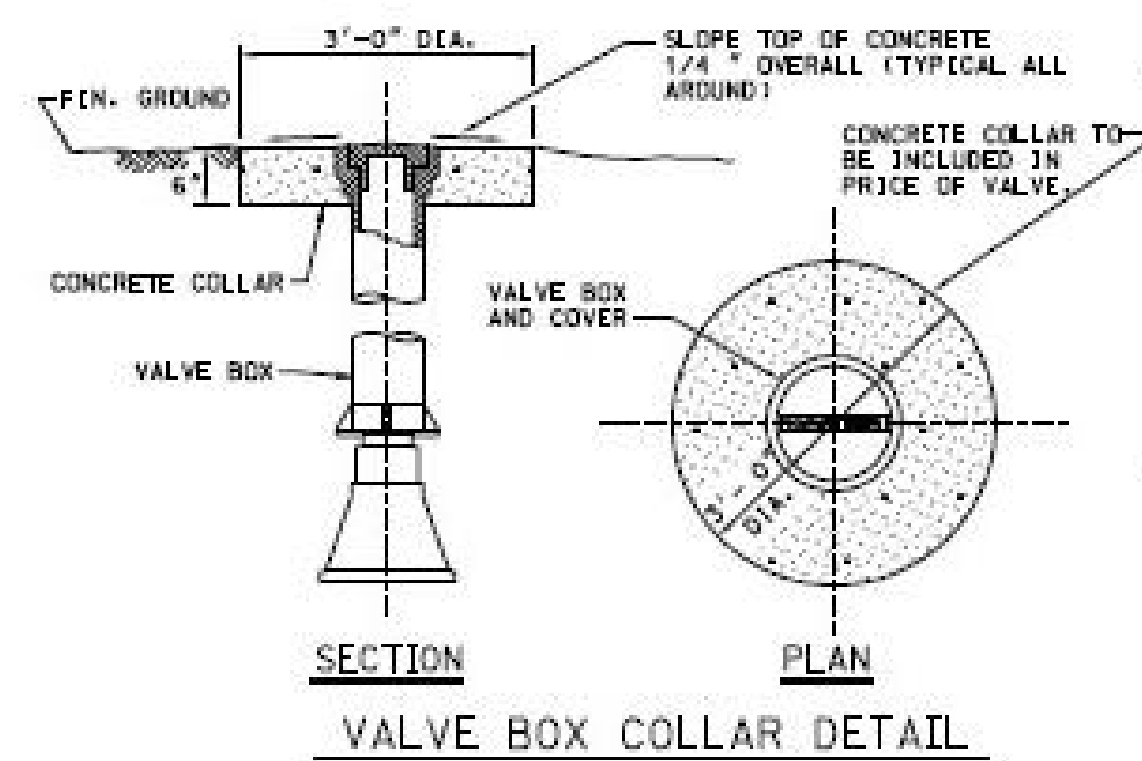
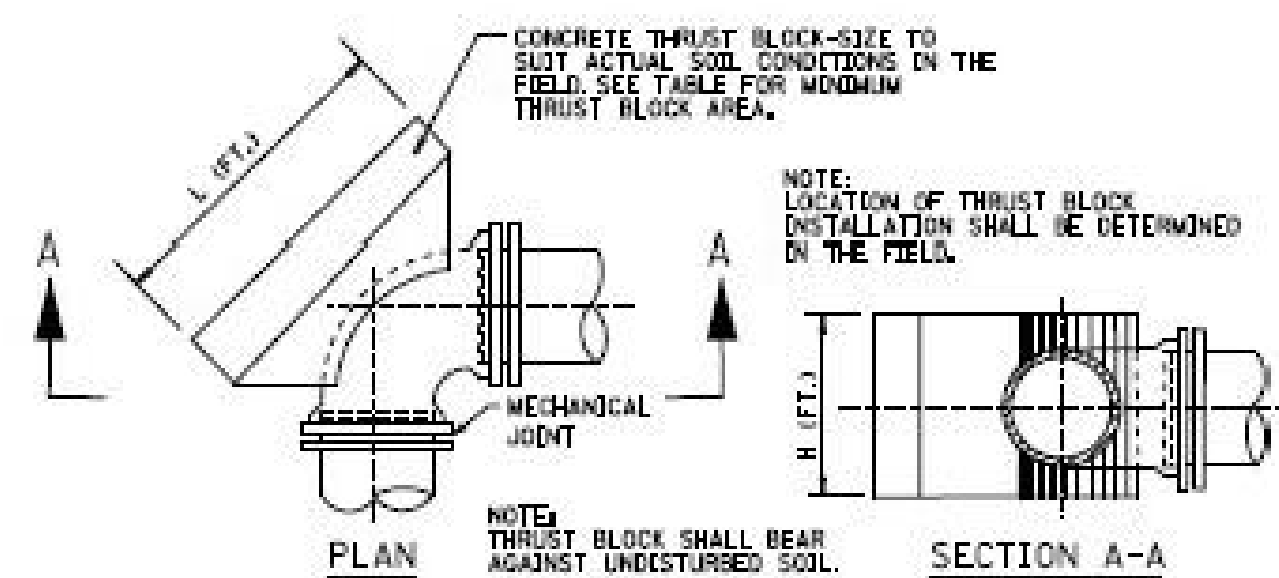
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



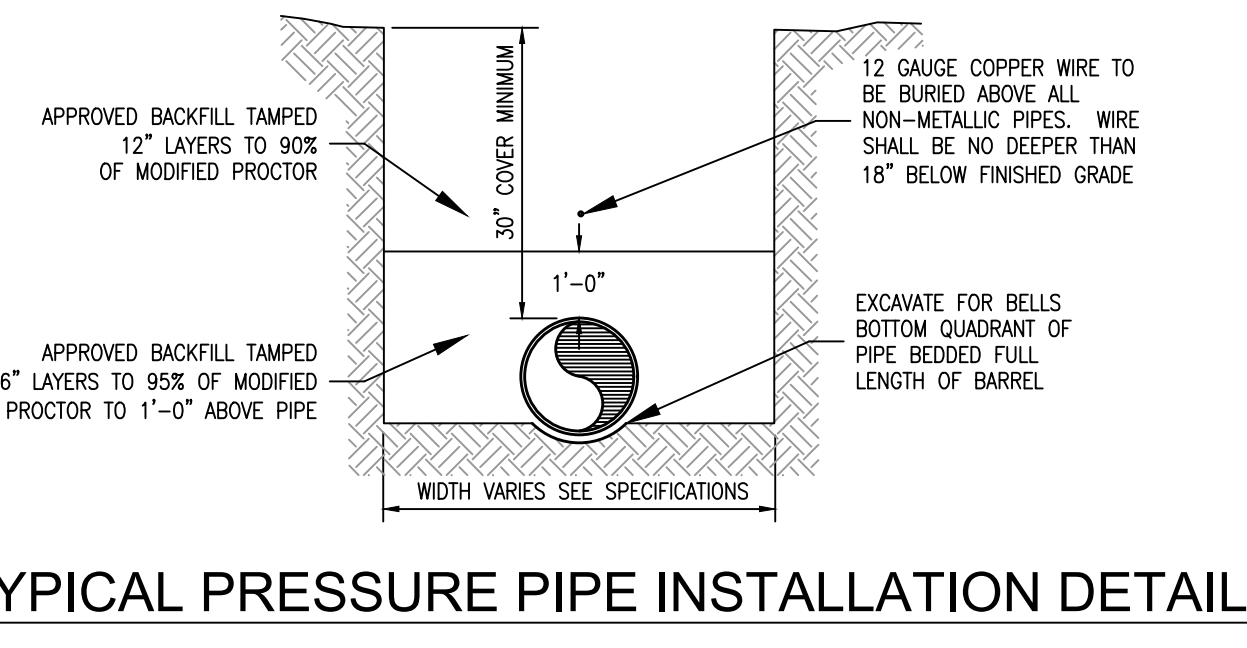
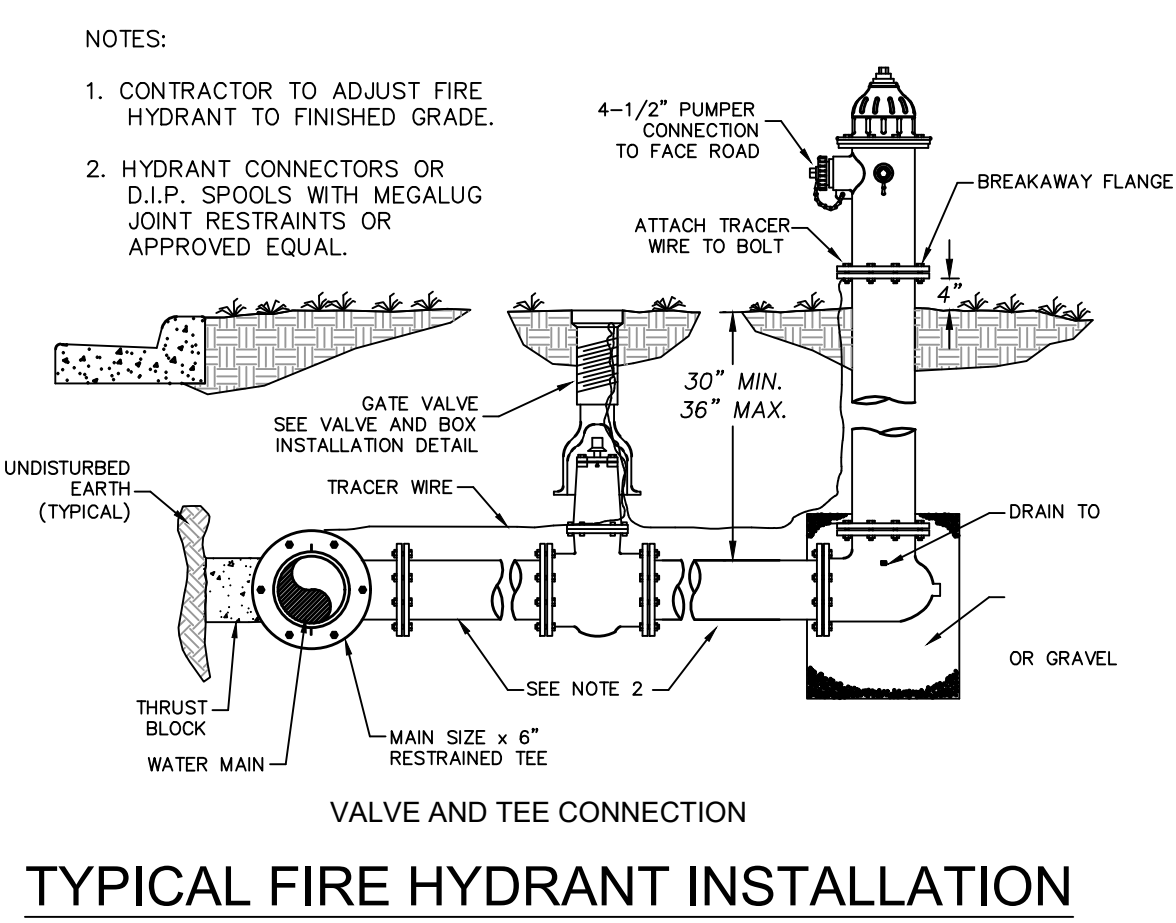
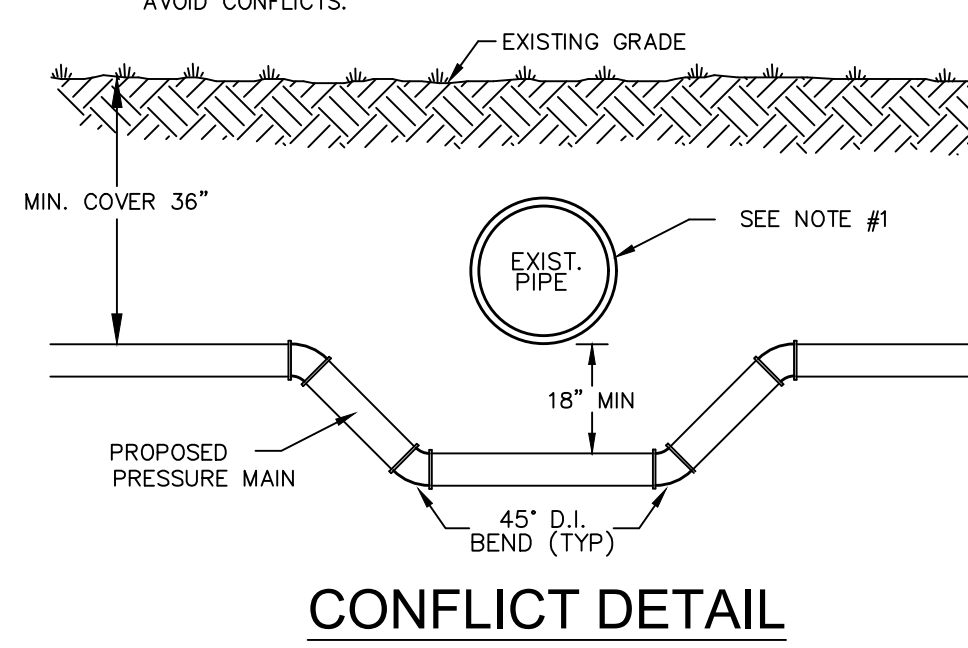
NOTES:  
 DO NOT PERMIT FIRE HYDRANT  
 DRAIN PIT TO BE SUBMERGED  
 IN ANY STREAM OR TO BE WITHIN  
 5' OF ANY SANITARY SEWER.



TYPICAL THRUST BLOCKS			
INSIDE DIA. PIPE LINE IN INCHES	90° BENDS	TEES, DEAD ENDS, OR 45° BENDS	22 1/2° BENDS
6"	3.0	2.2	1.0
8"	3.5	4.0	1.5
10"	4.0	6.0	2.5
12"	12.0	9.0	3.5
16"	22.0	18.0	6.0
18"	27.0	23.0	8.0
20"	34.0	24.0	10.0
24"	48.0	34.0	14.0
30"	75.0	53.0	21.0



NOTES:  
 1. IF EXISTING PIPE IS WATER OR SEWER MAIN, REFER TO ENCASEMENT DETAIL FOR ADDITIONAL SPECIFICATIONS.  
 2. ALL FITTINGS ARE TO BE RESTRAINED JOINT FITTINGS.  
 3. CONTRACTOR SHALL BE REQUIRED TO ADJUST UTILITIES (WATER MAINS, GAS MAINS, ETC.) AS NECESSARY TO AVOID CONFLICTS.



SHEET TITLE: WATER DETAILS  
 MCKEE JOB #: 23-199  
 DRAWN BY: BAT/EI  
 DATE: 06-04-24  
 REVISED DATE:  
 REVISED DATE:  
 SHEET NO.: C-4.1

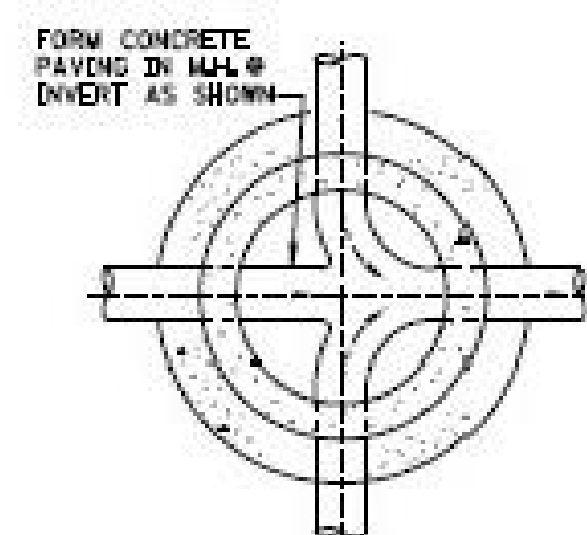




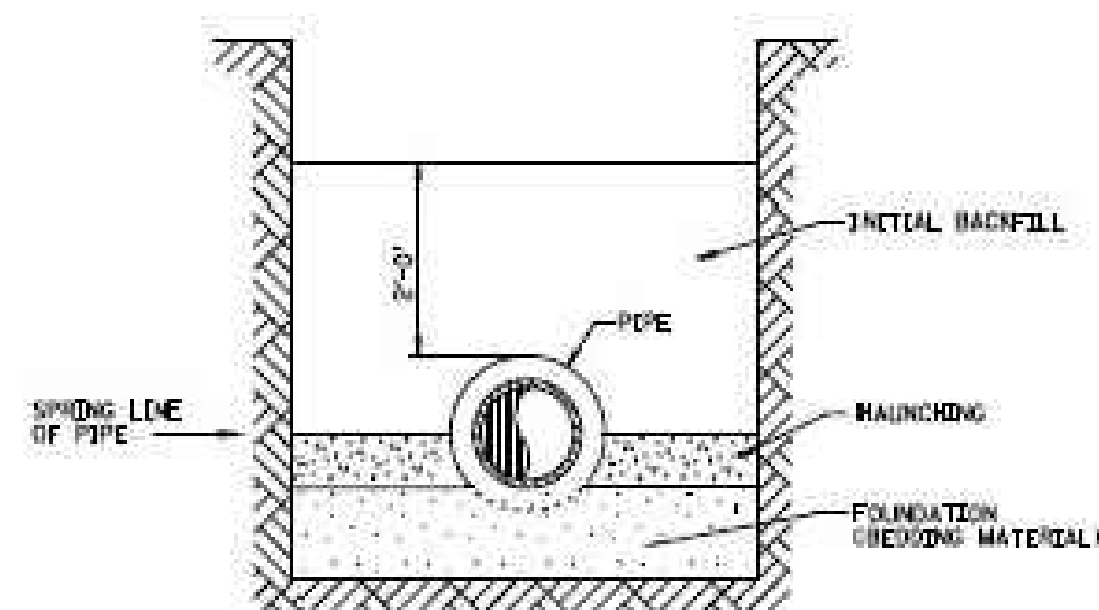
NEW SOFTBALL COMPLEX  
 AT  
 DAPHNE HIGH SCHOOL  
 FOR THE  
 BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.

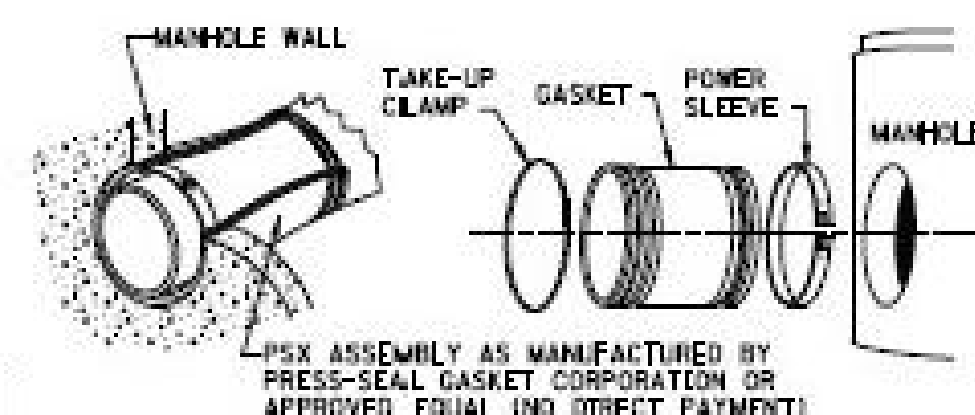
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



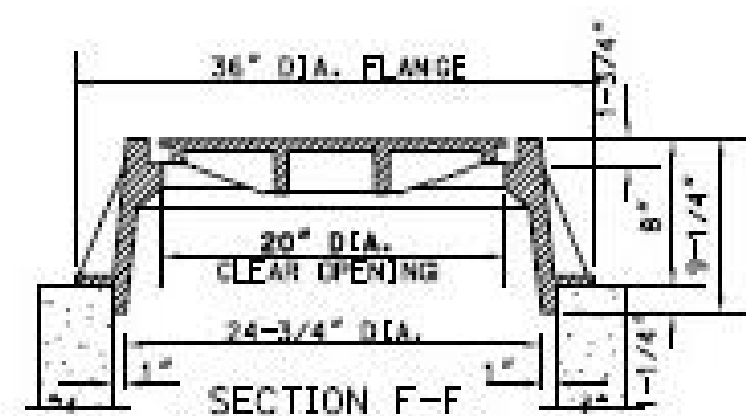
MANHOLE WITH THREE OR MORE PIPES AT INVERT



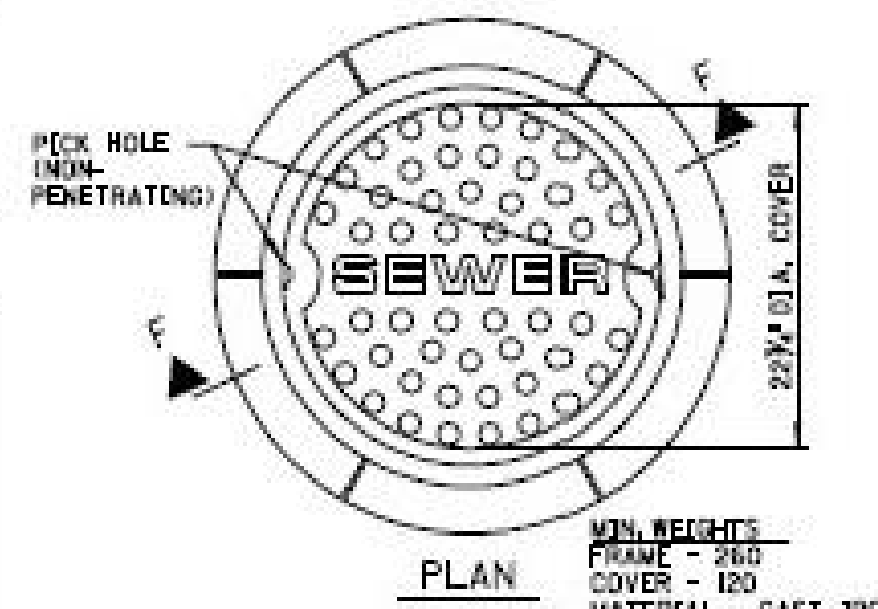
GRAVITY SEWER PIPE EMBEDMENT DETAIL FOR PVC



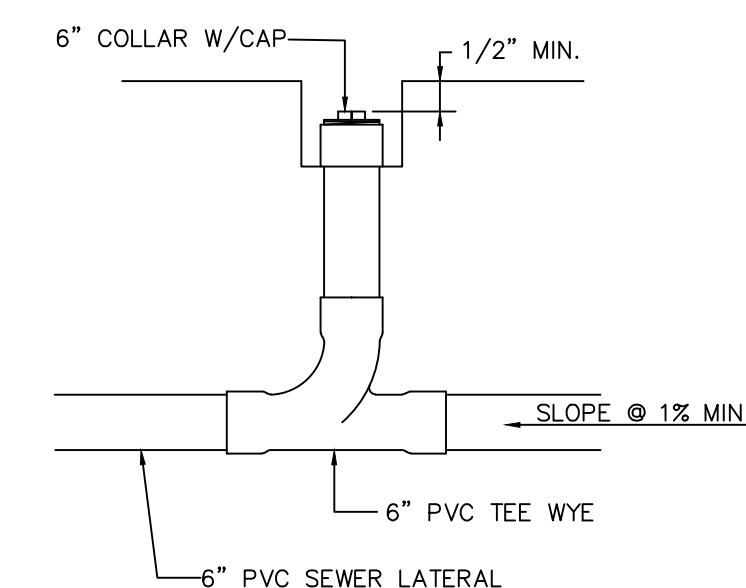
TYPICAL "BOOT" DETAIL



NOTE: THE PORTION OF THE FRAME AND COVER WHICH FORMS THE COVER SEAT SHALL BE MACHINED SO THAT NO ROCKING IS POSSIBLE.

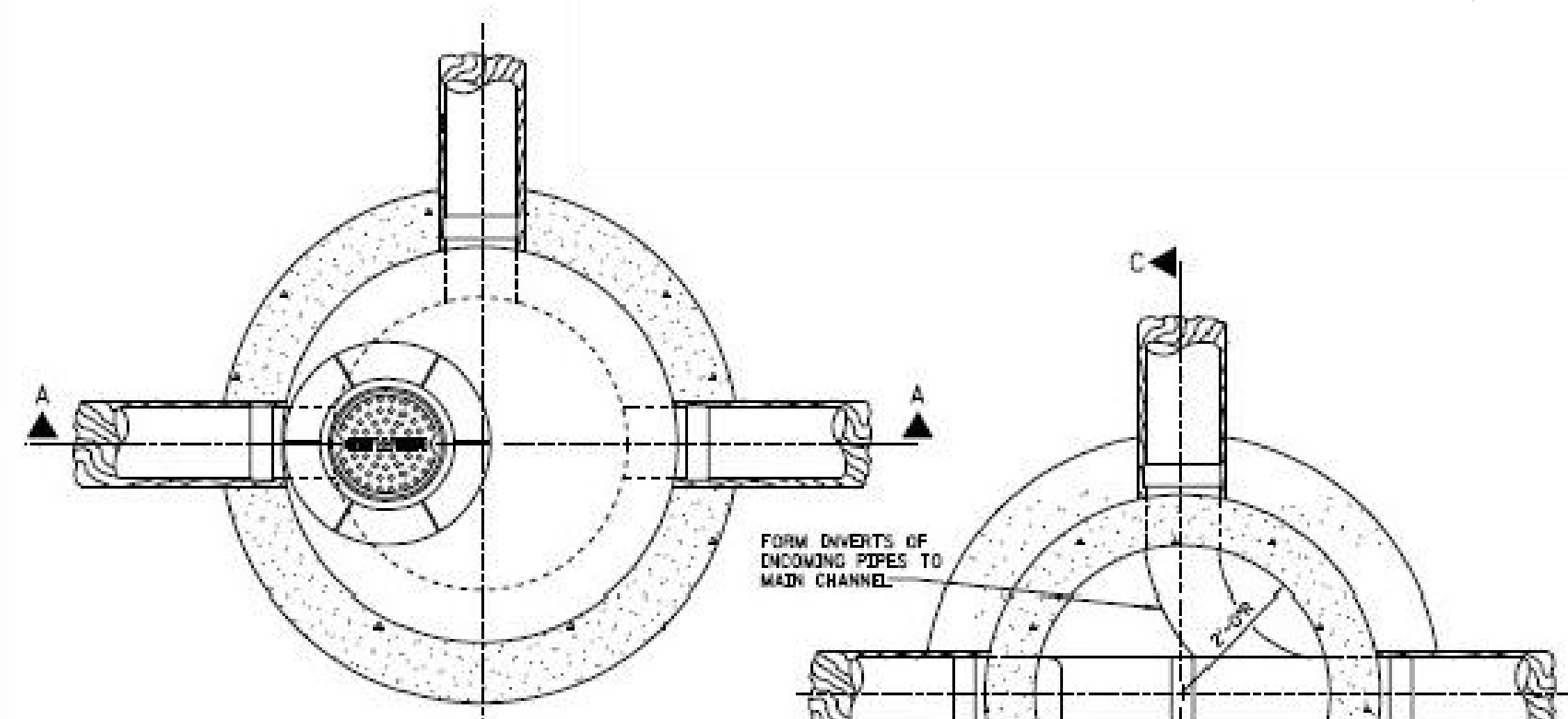


MANHOLE FRAME & COVER DETAIL

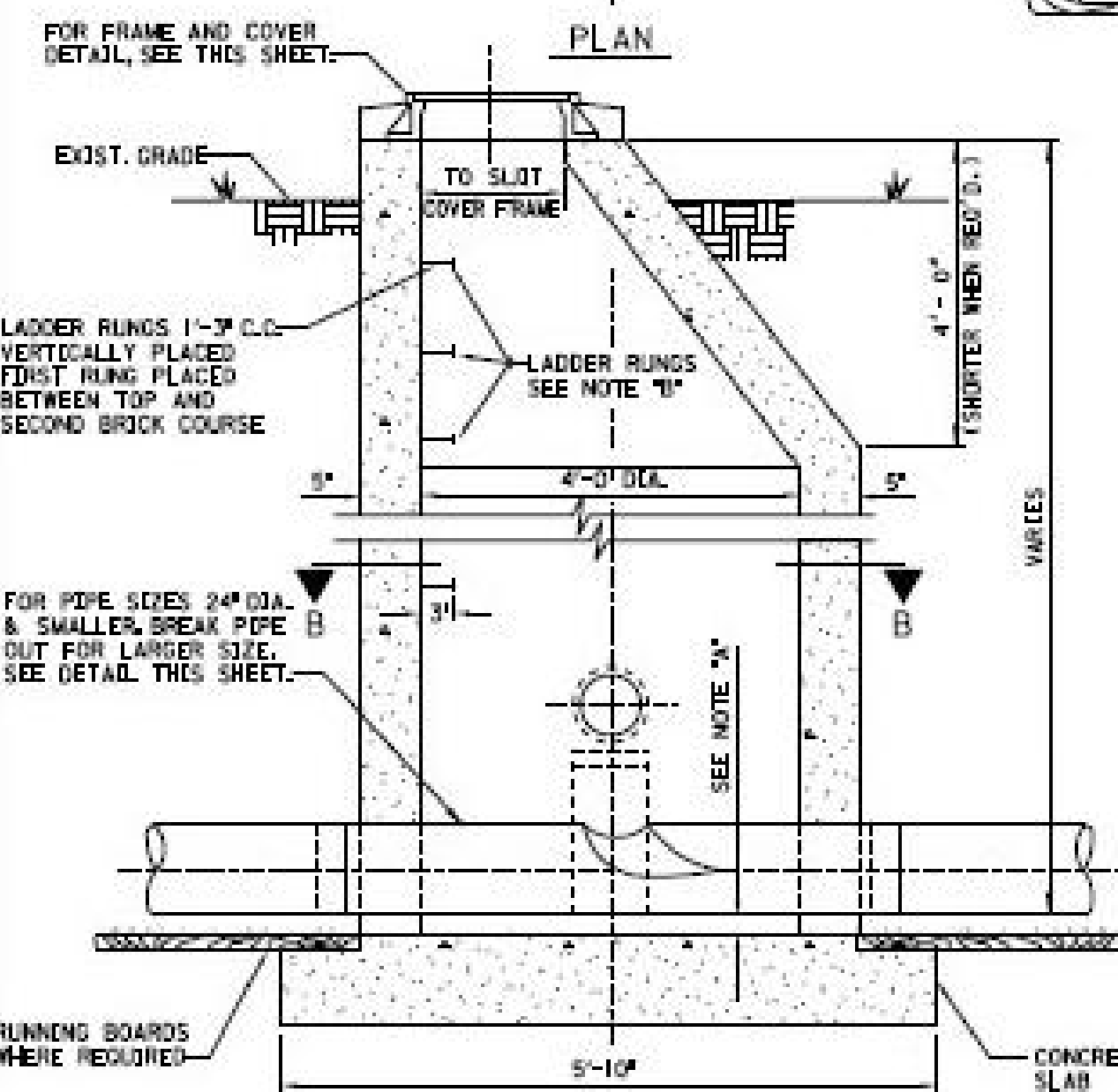


SEWER CLEAN-OUT

N.T.S.



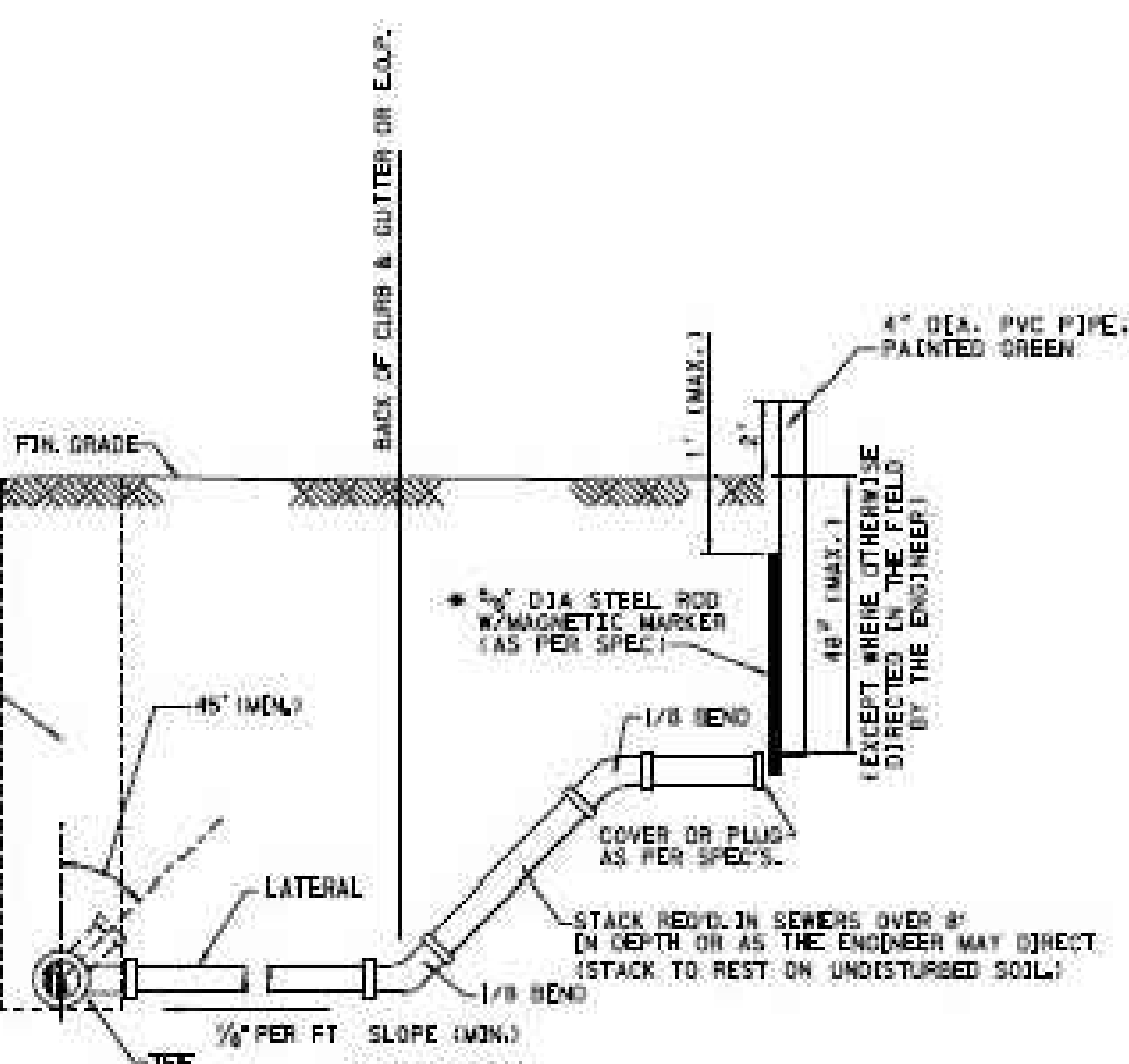
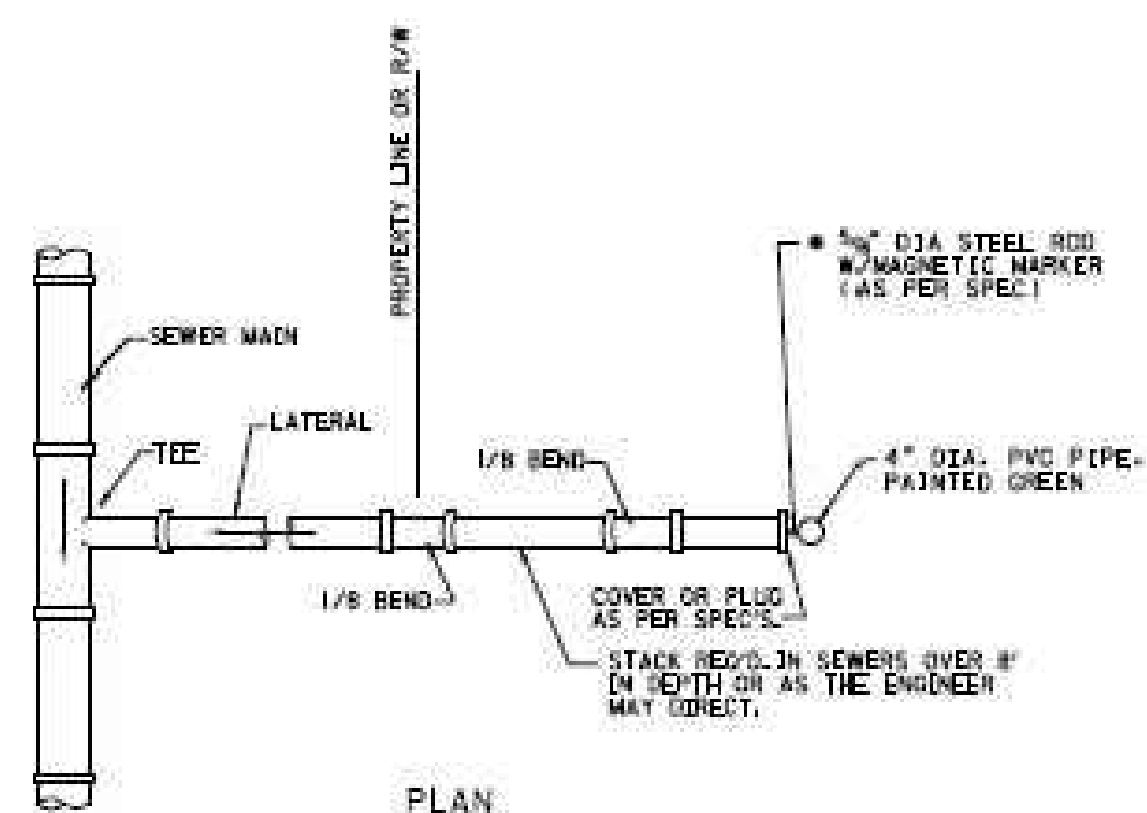
FORM DIVERTS OF INCOMING PIPES TO MAIN CHANNEL.



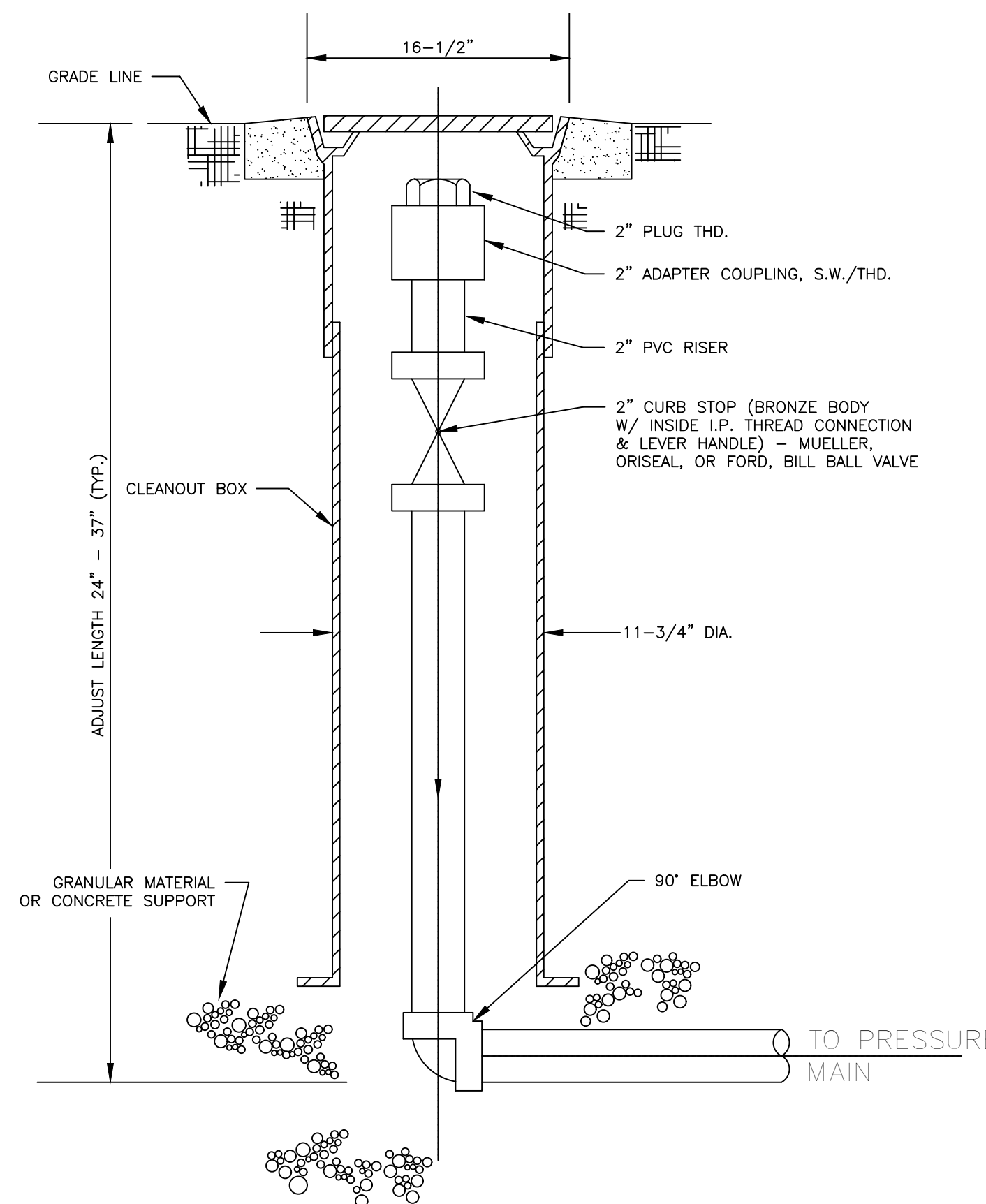
SECTION A-A  
DETAIL OF MANHOLE FOR PIPE 24\"/>

NOTE "A"  
DISTANCE BETWEEN DIVERT OF PIPE AND OUTSIDE OF BELL DETERMINES THE ELEVATION OF TOP OF 8\"/>

NOTE "B"  
MANHOLE STEPS SHALL BE STEEL RODS ENCASED IN POLYPROPYLENE PLASTIC AND SHALL BE TYPE "PS-1-B" AS MANUFACTURED BY W.A. INDUSTRIES, INC., OR AN APPROVED EQUAL.



TYPICAL TEE & LATERAL INSTALLATION



TYPICAL END OF LINE CLEANOUT ASSEMBLY DETAIL

N.T.S.

**CLEANOUT BOX NOTES**

- CLEANOUT BOX SHALL BE CAST IRON, 12" ROUND SHAFT SCREW TYPE, ADJUSTABLE TWO PIECE CONSTRUCTION WITH 22" BOTTOM FLANGE AND COVER LETTERED "SEWER".
- CLEANOUT BOX MAY BE ADJUSTABLE ALONG  $\pm$  OF PIPE TO PROVIDE MAXIMUM ACCESSIBILITY TO THE CLEANOUT VALVE OPERATOR.
- CONCRETE COLLAR TO BE INCLUDED IN UNIT PRICE BID FOR CLEANOUT ASSEMBLY, JUNCTION ASSEMBLY, OR GATE VALVES.



30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900



SHEET TITLE: SEWER DETAILS

MCKEE JOB #: 23-199

DRAWN BY: BAT/EI

DATE: 06-04-24

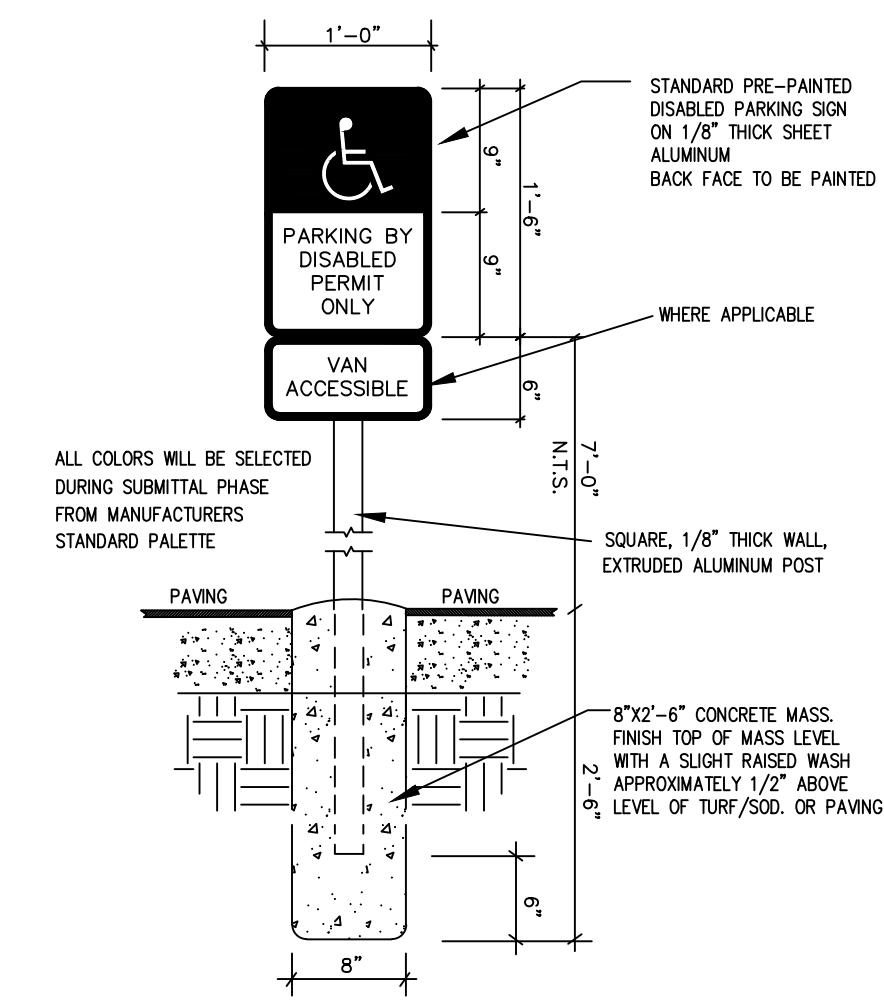
REVISED DATE:

REVISED DATE:

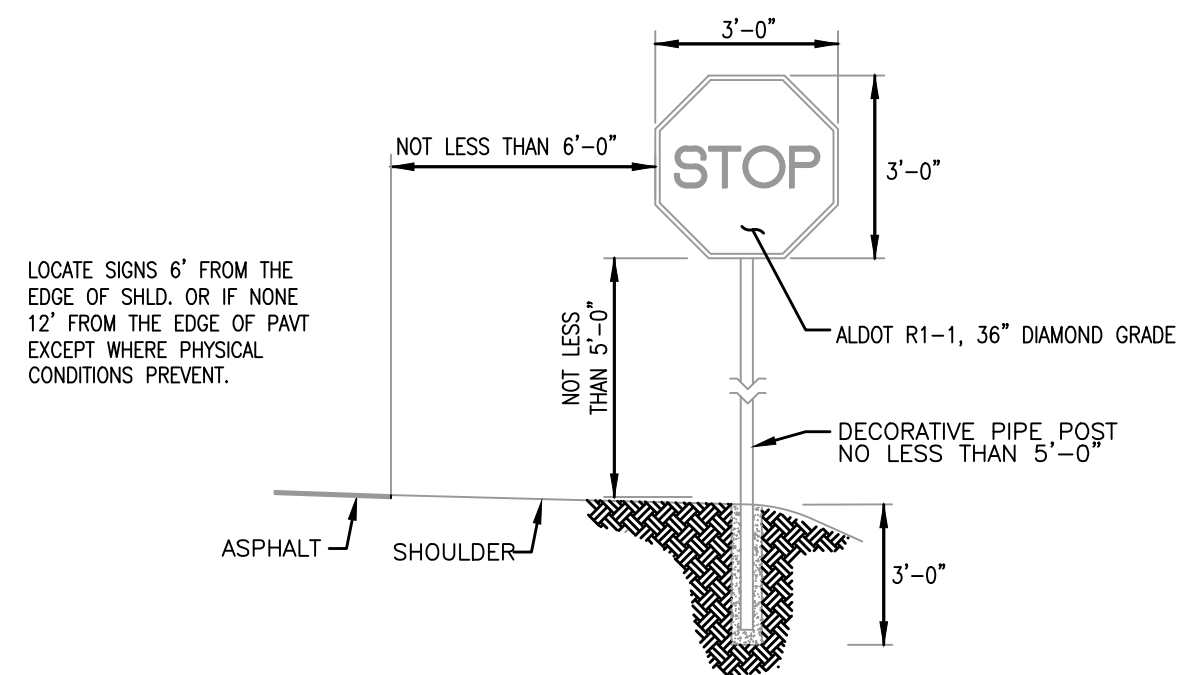
REVISED DATE:

SHEET NO.: C-4.2



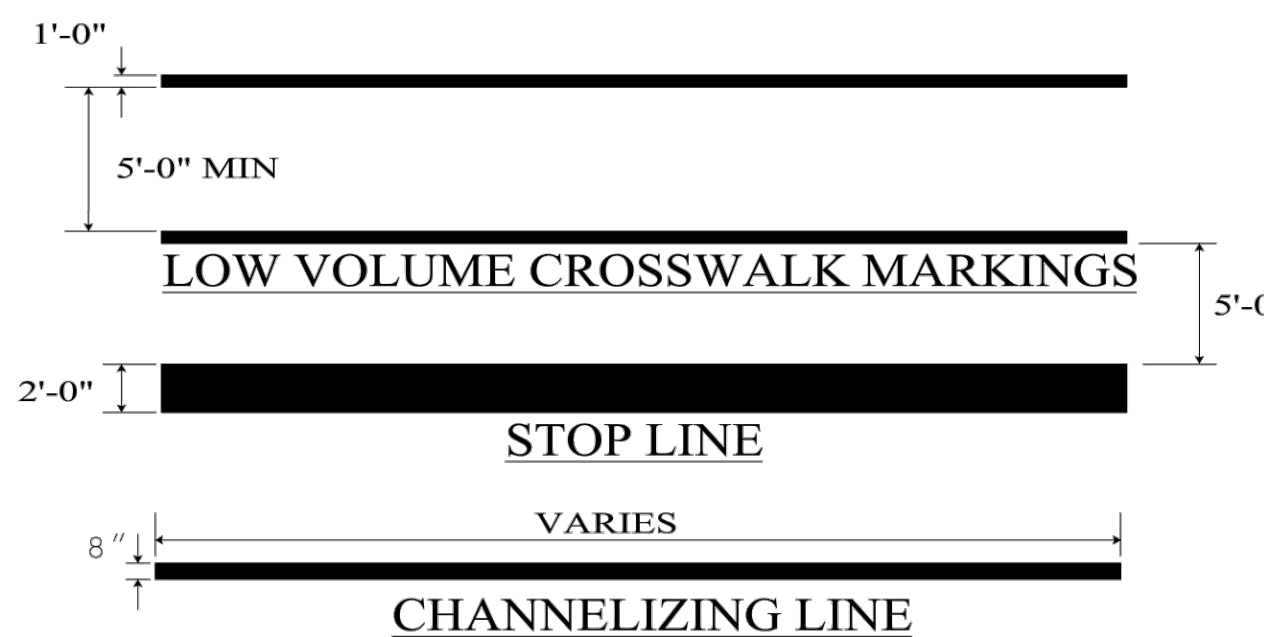


**H/C PARKING SIGN DETAIL**  
N.T.S.

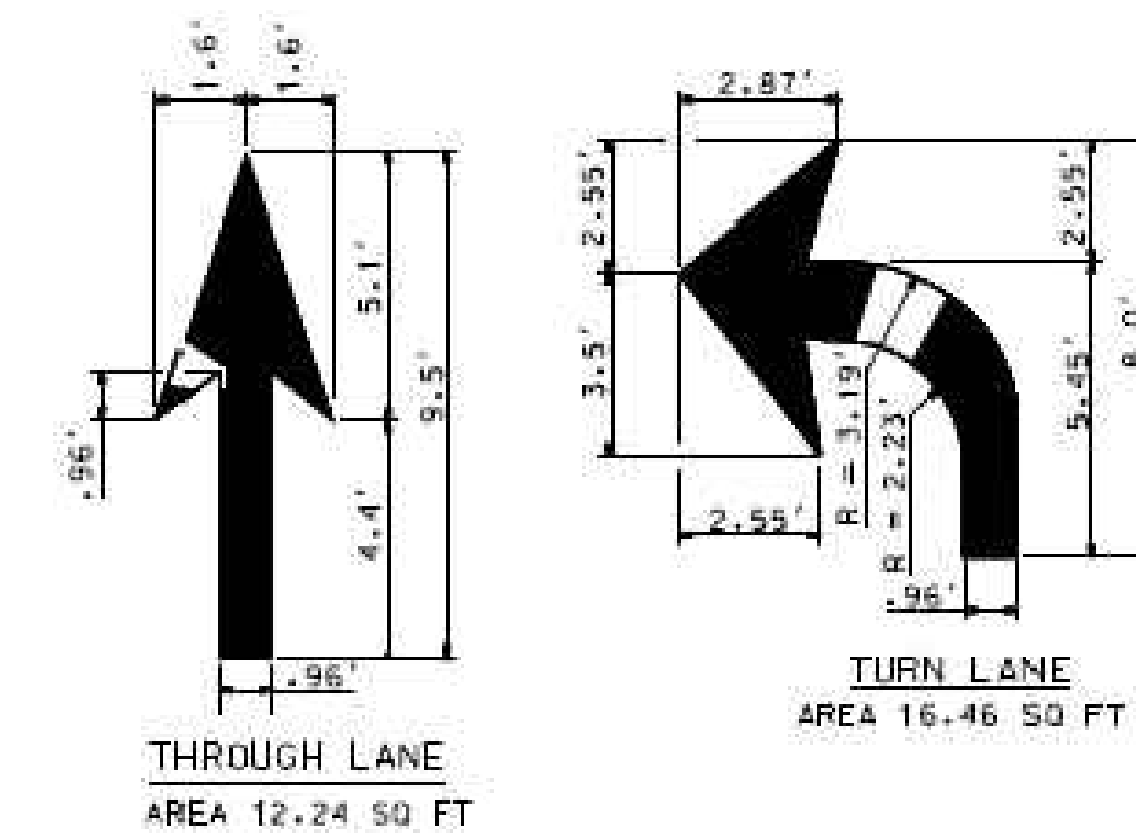


**R1-1 STOP SIGN OR ROADSIDE SIGN INSTALLATION DETAIL**  
N.T.S.

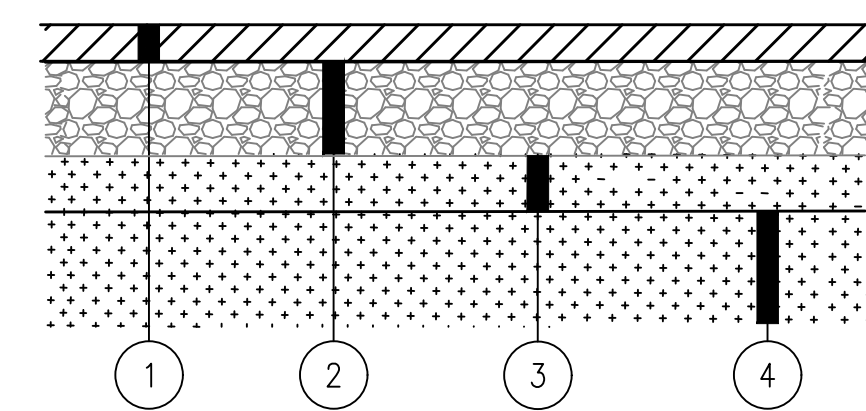
IHS-710-21 DETAILS FOR LOCATION AND MOUNTING STANDARD FLAT PANEL SIGNS ON U-CHANNEL AND TUBULAR POSTS  
IHS-710-23 DETAILS OF LIGHTWEIGHT STRUCTURAL SIGN SUPPORT INSTALLATIONS



**STRIPING LEGEND DETAILS**  
N.T.S.

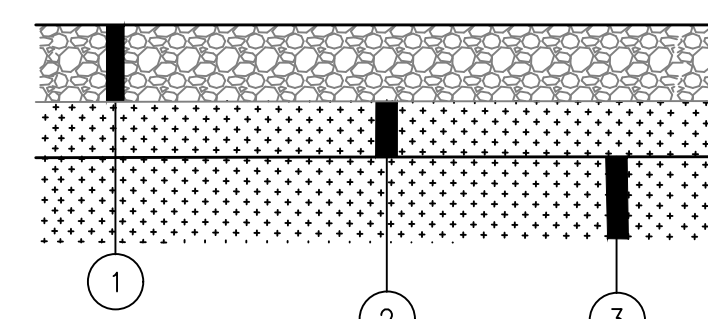


**TRAFFIC MARKINGS DETAILS**  
N.T.S.



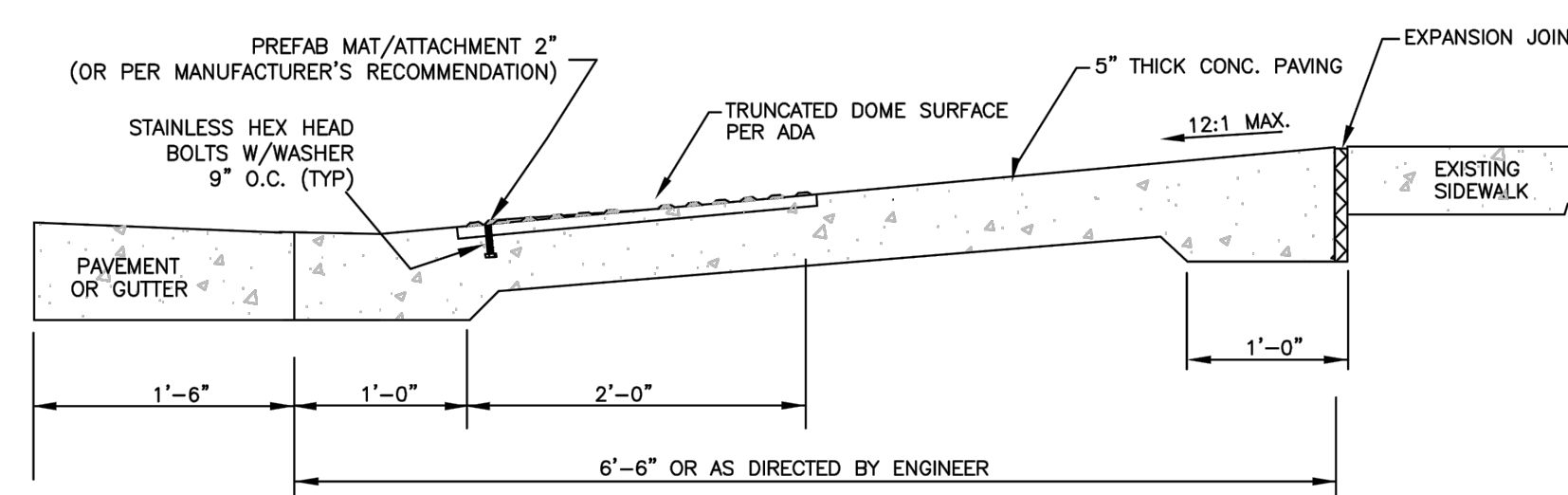
**LIGHT DUTY ASPHALT PAVEMENT SECTION (FOR USE IN PARKING AREA)**  
N.T.S.

- 2" ALDOT SECTION 424A, BITUMINOUS WEARING SURFACE (220 LB/SY - 1/2" MAX AGGREGATE SIZE MIX)
- 6" ALDOT SECTION 825 CRUSHED AGGREGATE BASE MATERIAL (98% STANDARD DENSITY)
- 6" COMPACTED STRUCTURAL FILL (A-2-4) (COMPACTED TO 100% STANDARD DENSITY)
- 12" COMPACTED STRUCTURAL FILL (A-3) (COMPACTED TO 95% STANDARD DENSITY)

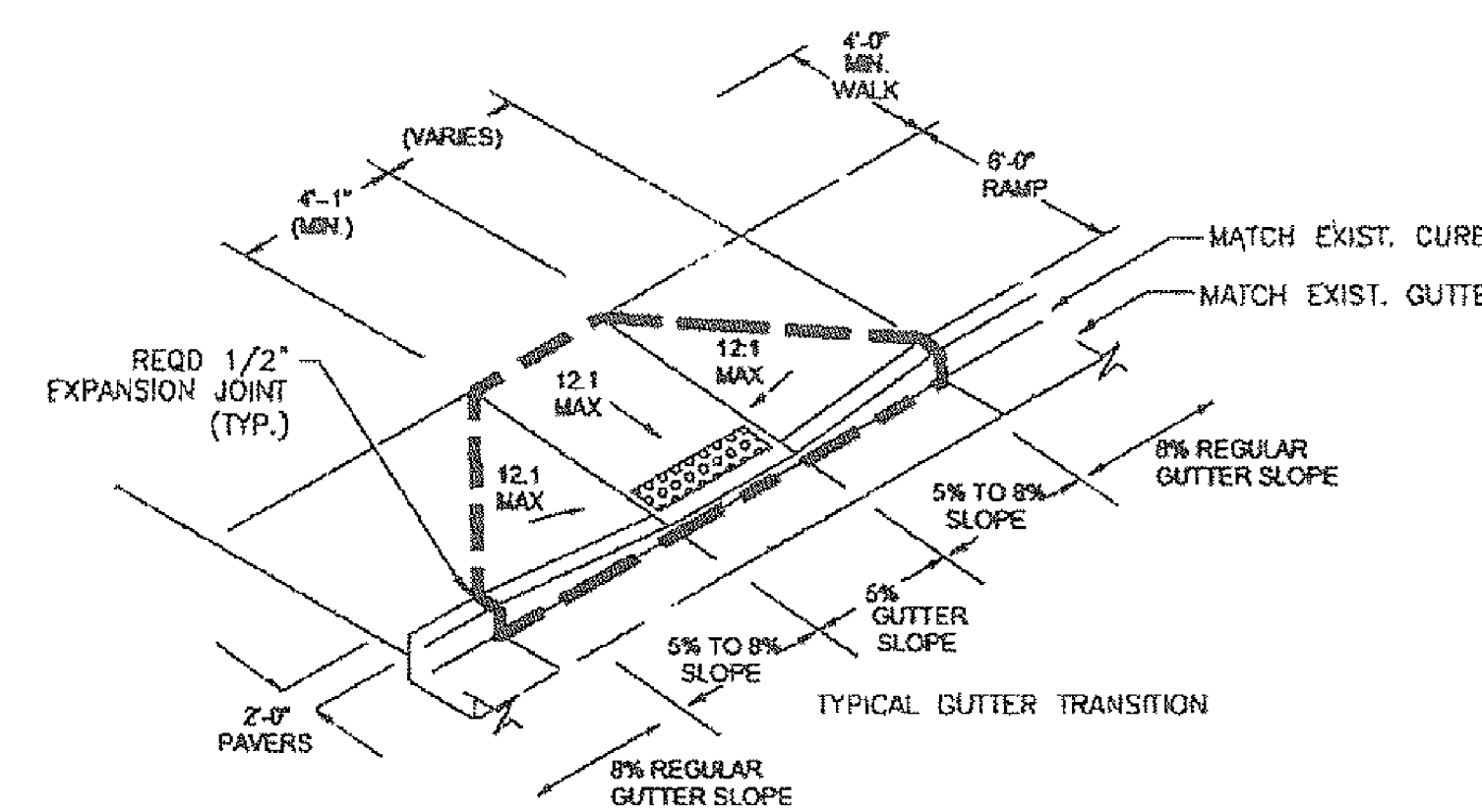


**GRAVEL FIRE ACCESS SECTION**  
N.T.S.

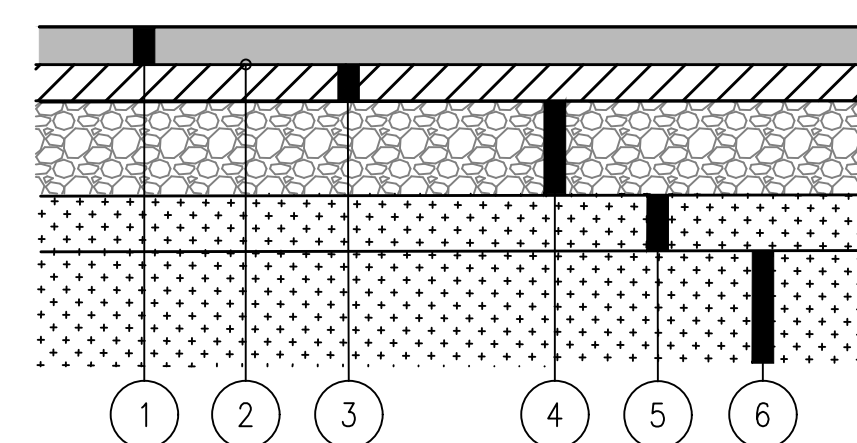
- 6" ALDOT SECTION 825 CRUSHED AGGREGATE BASE MATERIAL (98% STANDARD DENSITY)
- 6" COMPACTED STRUCTURAL FILL (A-2-4) (COMPACTED TO 100% STANDARD DENSITY)
- 12" COMPACTED STRUCTURAL FILL (A-3) (COMPACTED TO 95% STANDARD DENSITY)



**CONC ADA RAMP TYPE #1 DETAIL**  
N.T.S.

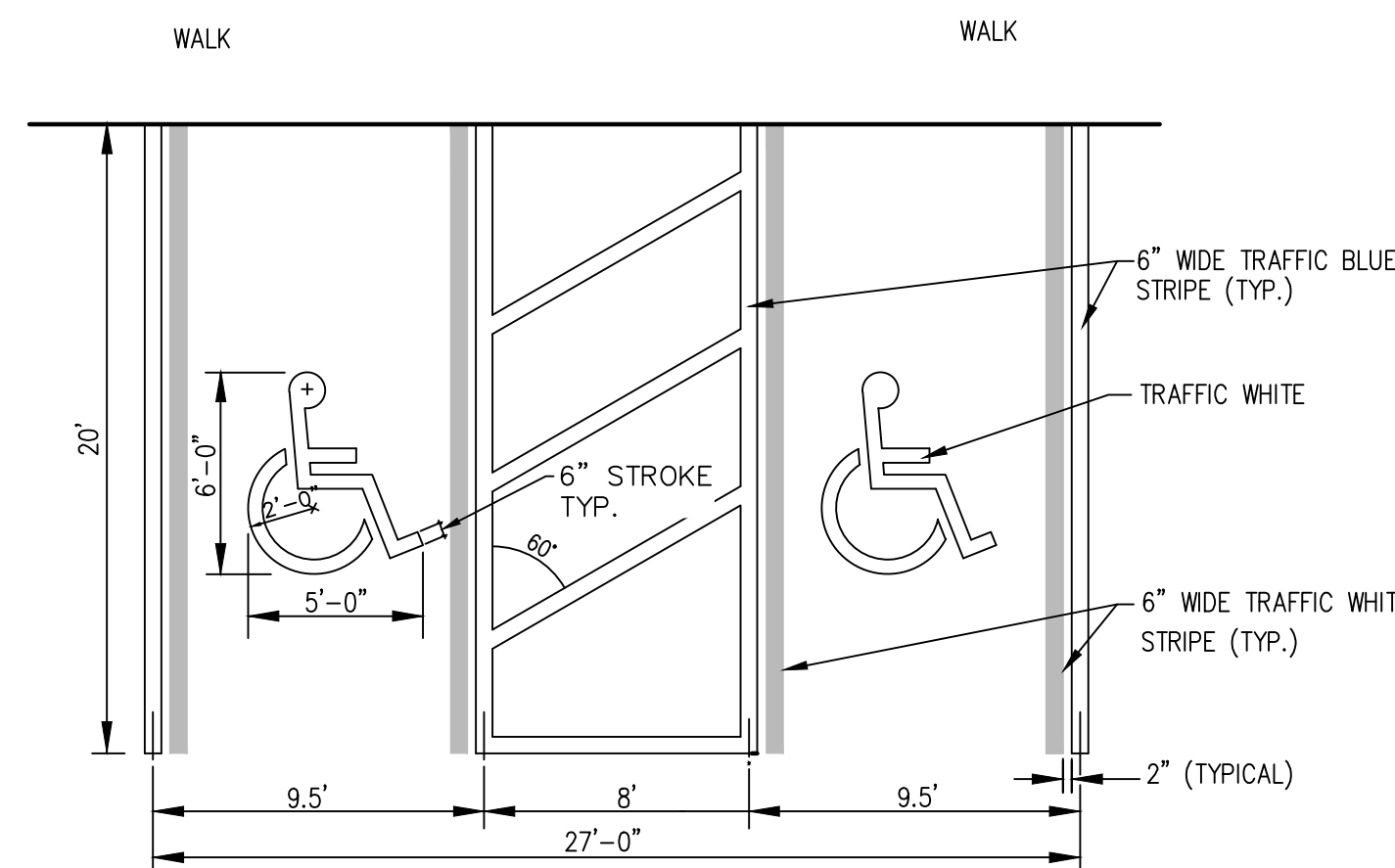


**CONC ADA RAMP TYPE #2 DETAIL**  
N.T.S.



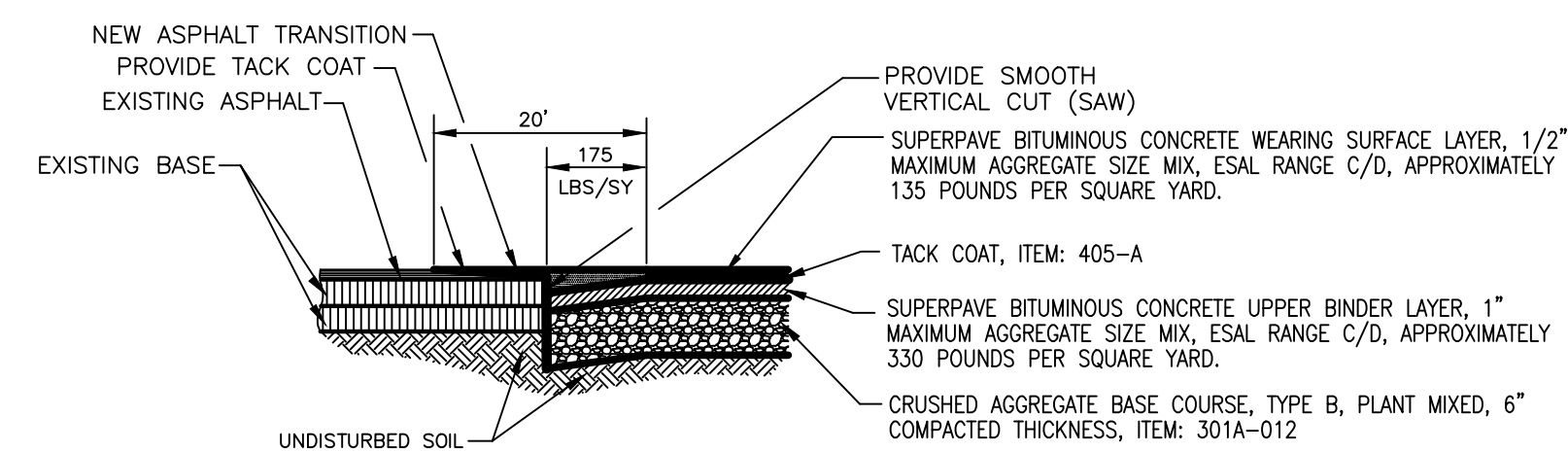
**MEDIUM DUTY ASPHALT PAVEMENT SECTION (FOR USE IN ROAD AREA)**  
N.T.S.

- 2" ALDOT SECTION 424A, BITUMINOUS WEARING SURFACE (220 LB/SY - 1/2" MAX AGGREGATE SIZE MIX)
- ALDOT SECTION 405 TACK COAT
- 2" ALDOT SECTION 424A, BITUMINOUS WEARING SURFACE (220 LB/SY - 3/4" MAX AGGREGATE SIZE MIX)
- 6" ALDOT SECTION 825 CRUSHED AGGREGATE BASE MATERIAL (98% STANDARD DENSITY)
- 6" COMPACTED STRUCTURAL FILL (A-2-4) (COMPACTED TO 100% STANDARD DENSITY)
- 12" COMPACTED STRUCTURAL FILL (A-3) (COMPACTED TO 95% STANDARD DENSITY)

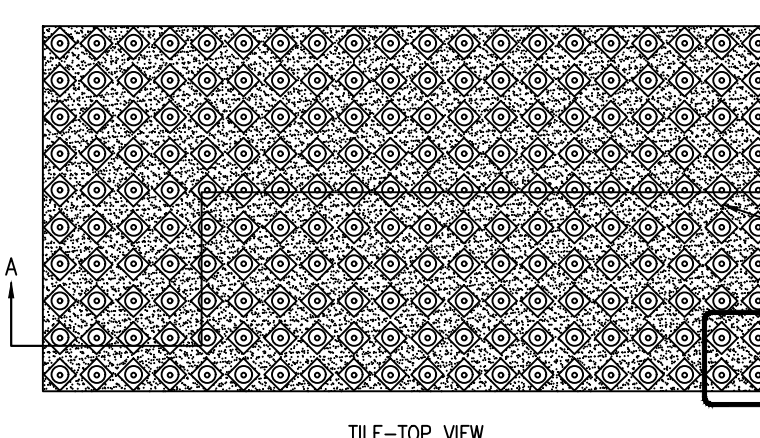
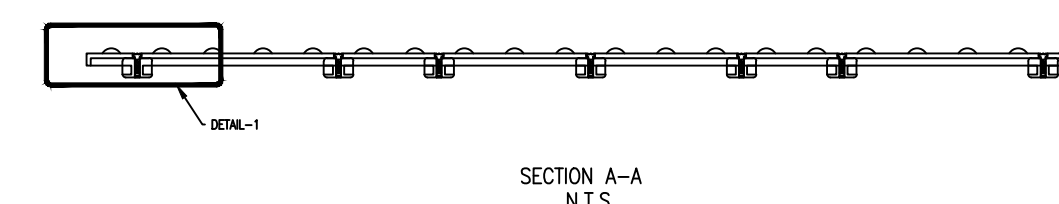
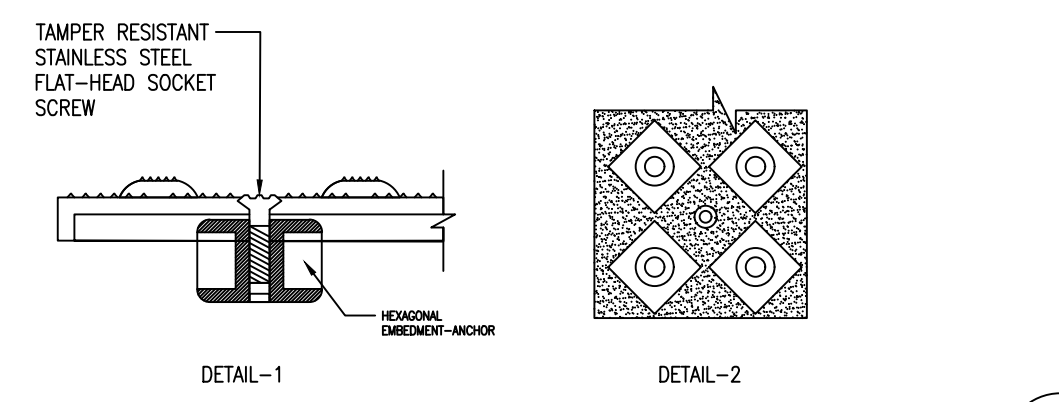


NOTE: ALL PAVEMENT MARKINGS SHALL BE PAINTED TWO COATS.

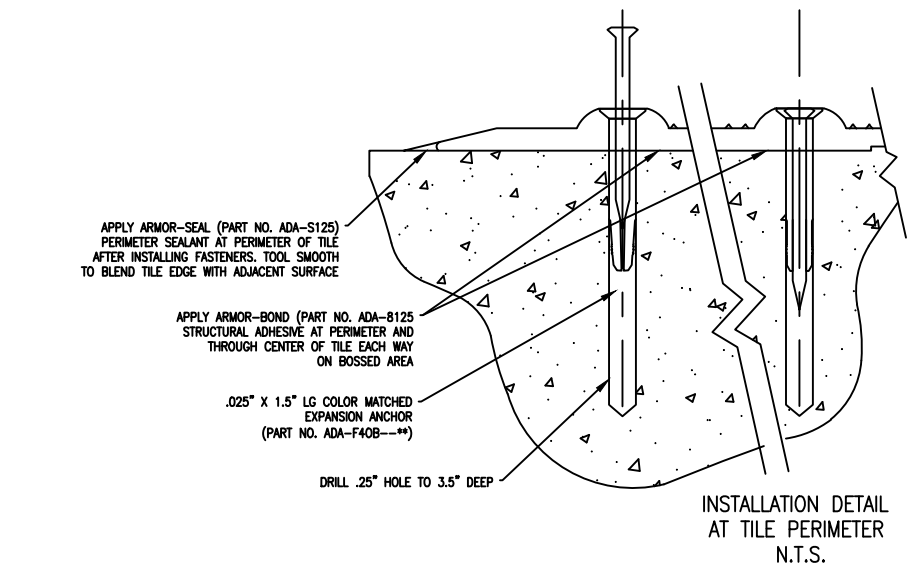
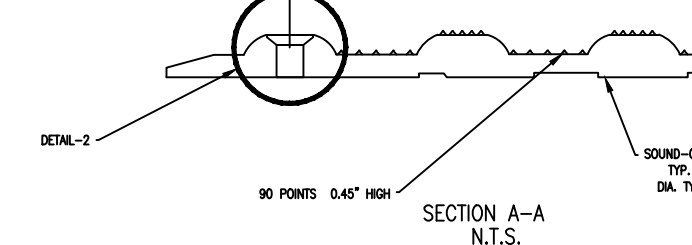
**VAN ACCESSIBLE HANDICAPPED STALL DETAIL**  
N.T.S.



**BUTT JOINT DETAIL**  
N.T.S.



**TRUNCATED DOME DETAIL**  
N.T.S.



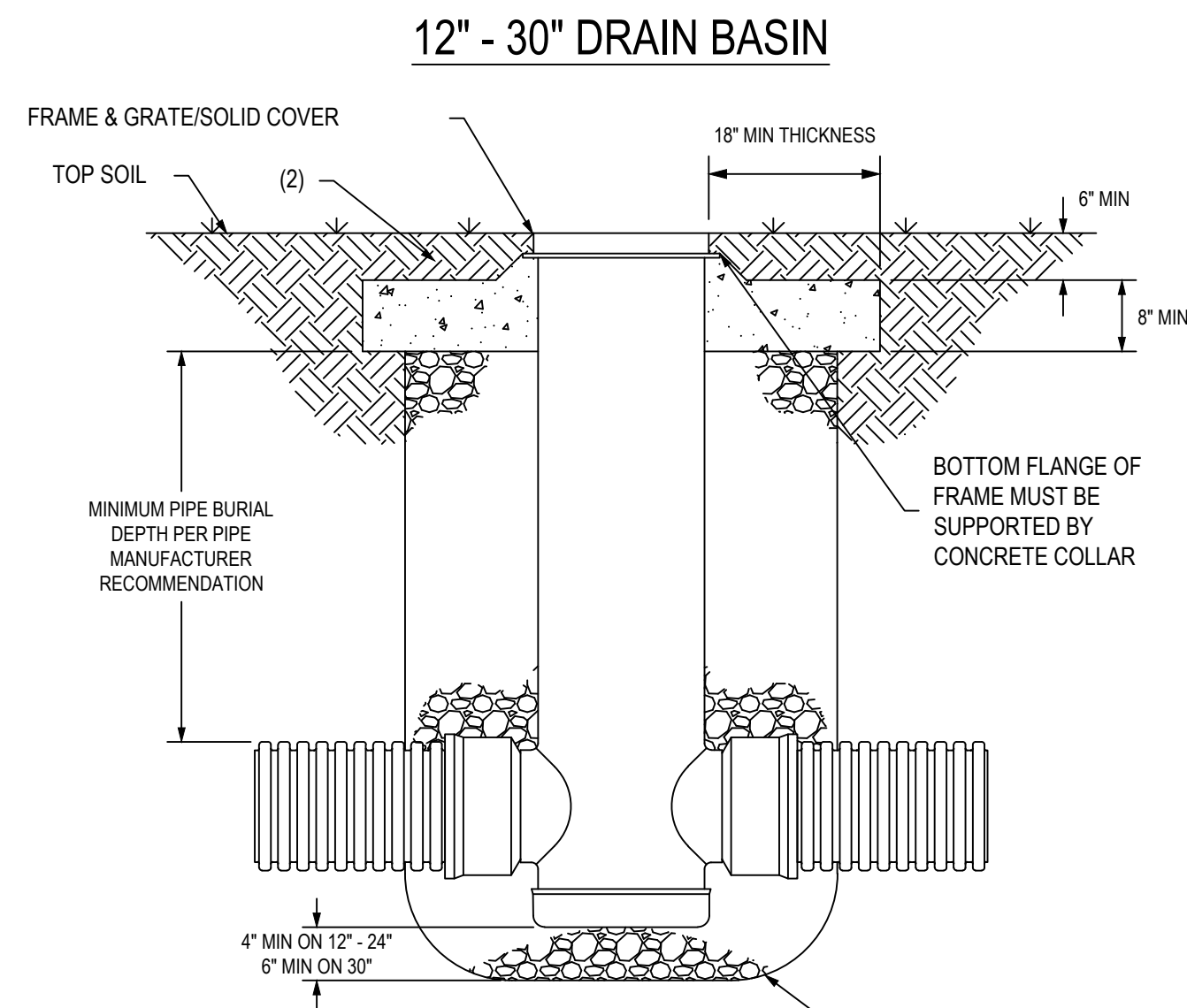
**PLAN-TILE N.T.S.**







**NYLOPLAST TURF TRAFFIC INSTALLATION**



THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

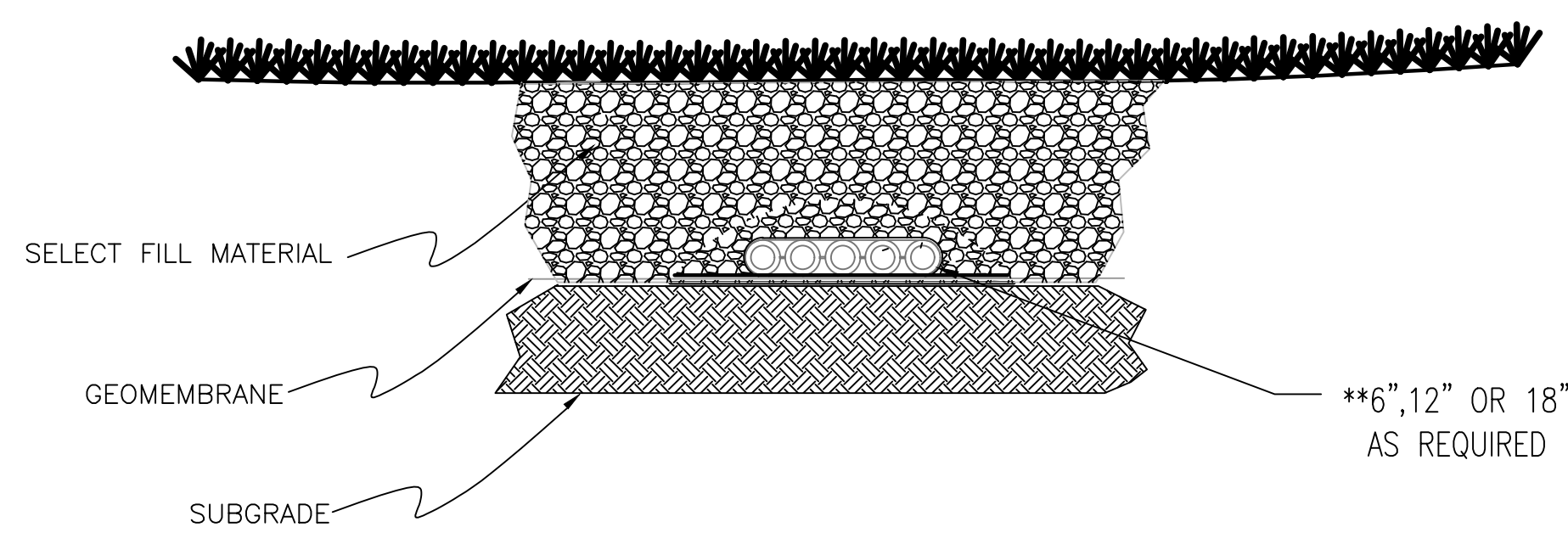
- GRATES/SOLID COVERS SHALL MEET H-20 LOAD RATING FOR 30' PEDESTRIAN & 12" - 30" STANDARD & SOLID
- DESIGN SHOULD ACCOUNT FOR ROOT DEPTH TO ALLOW TURF TO GROW AND PREVENT EROSION AROUND GRATE SO THAT HARDERS DO NOT FORM.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONVEY, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.

DRAWN BY	EBC	MATERIAL	
DATE	01-05-09	PROJECT NO./NAME	
REVISED BY	NMH	TITLE	
DATE	03-14-16		
DWG SIZE	A	SCALE	1:25 SHEET 1 OF 1
		DWG NO.	7001-110-340 REV F



3130 VERONA AVE  
BUNFORD, GA 30518  
PH: (770) 932-2442  
FAX: (770) 932-2490  
www.nyloplast-us.com



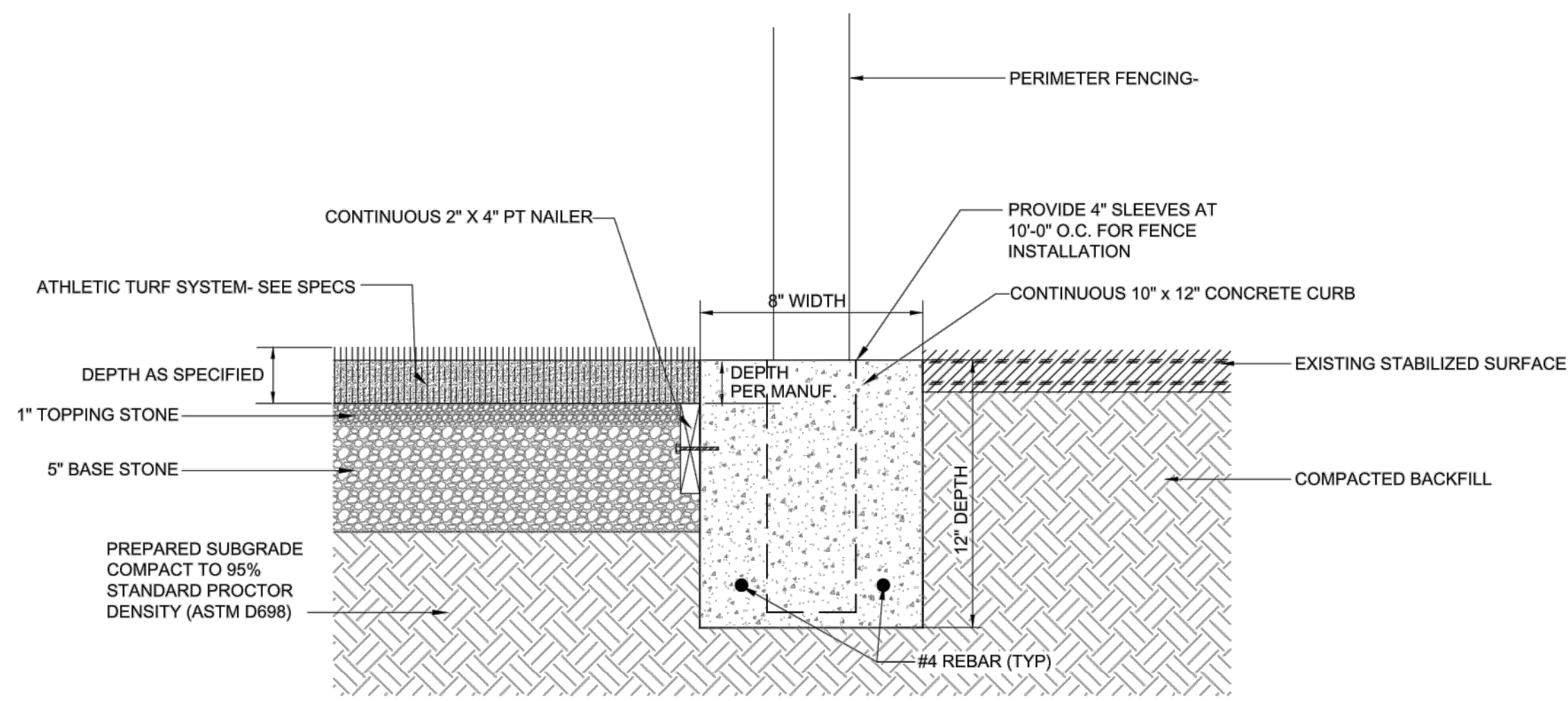
**SYNTHETIC TURF INSTALLATION**  
EXAMPLE INSTALLATION

**MULTI-FLOW**

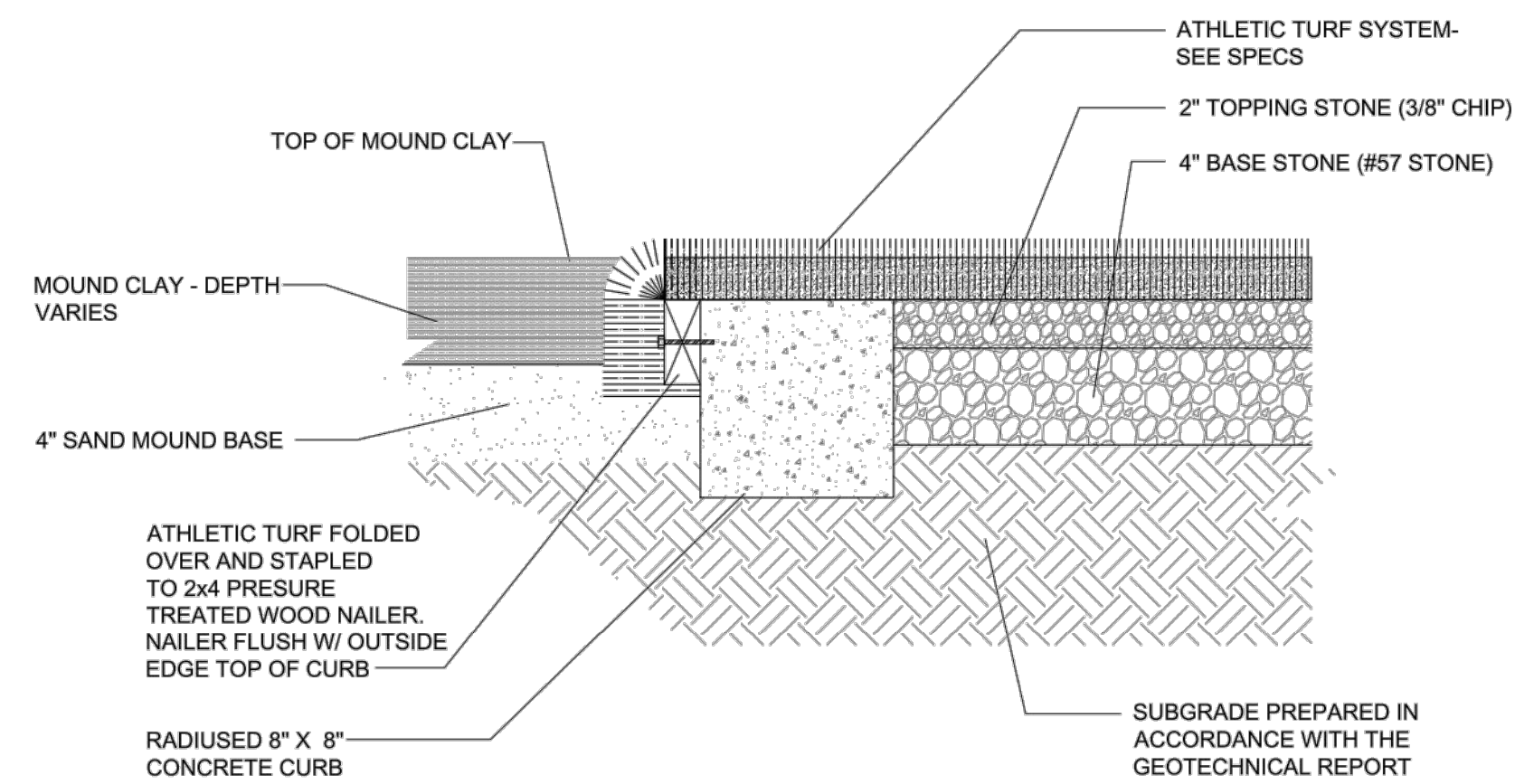
**MULTI-FLOW UNDERDRAIN DETAIL**  
N.T.S.



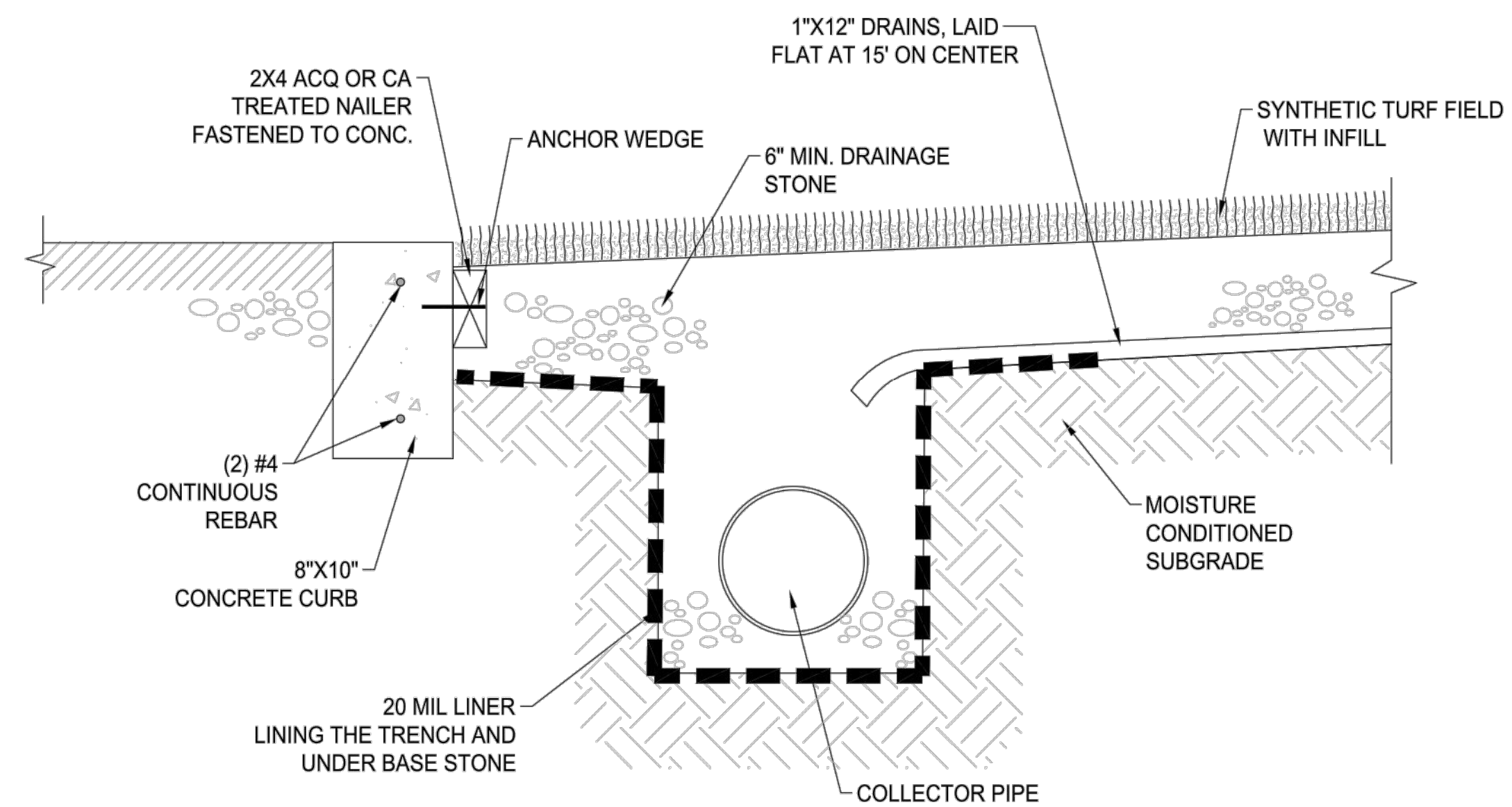
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT  
30673 Sgt. E. I. "Boots" Thomas Drive, Spanish Fort, AL 36527 Phone: (251) 544-7900



**SYNTHETIC TURF EDGE DETAIL at PERIMETER FENCE**  
SCALE: NTS



**SYNTHETIC TURF EDGE DETAIL @ PITCHERS MOUND**  
SCALE: NTS



**COLLECTOR DRAIN DETAIL**  
SCALE: NONE



NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : CIVIL CONSTRUCTION DETAILS 03  
MCKEE JOB # : 23-199  
DRAWN BY : BAT/EI  
DATE : 06-04-24  
REVISED DATE :  
REVISED DATE :  
REVISED DATE :

SHEET NO. : C-5.2

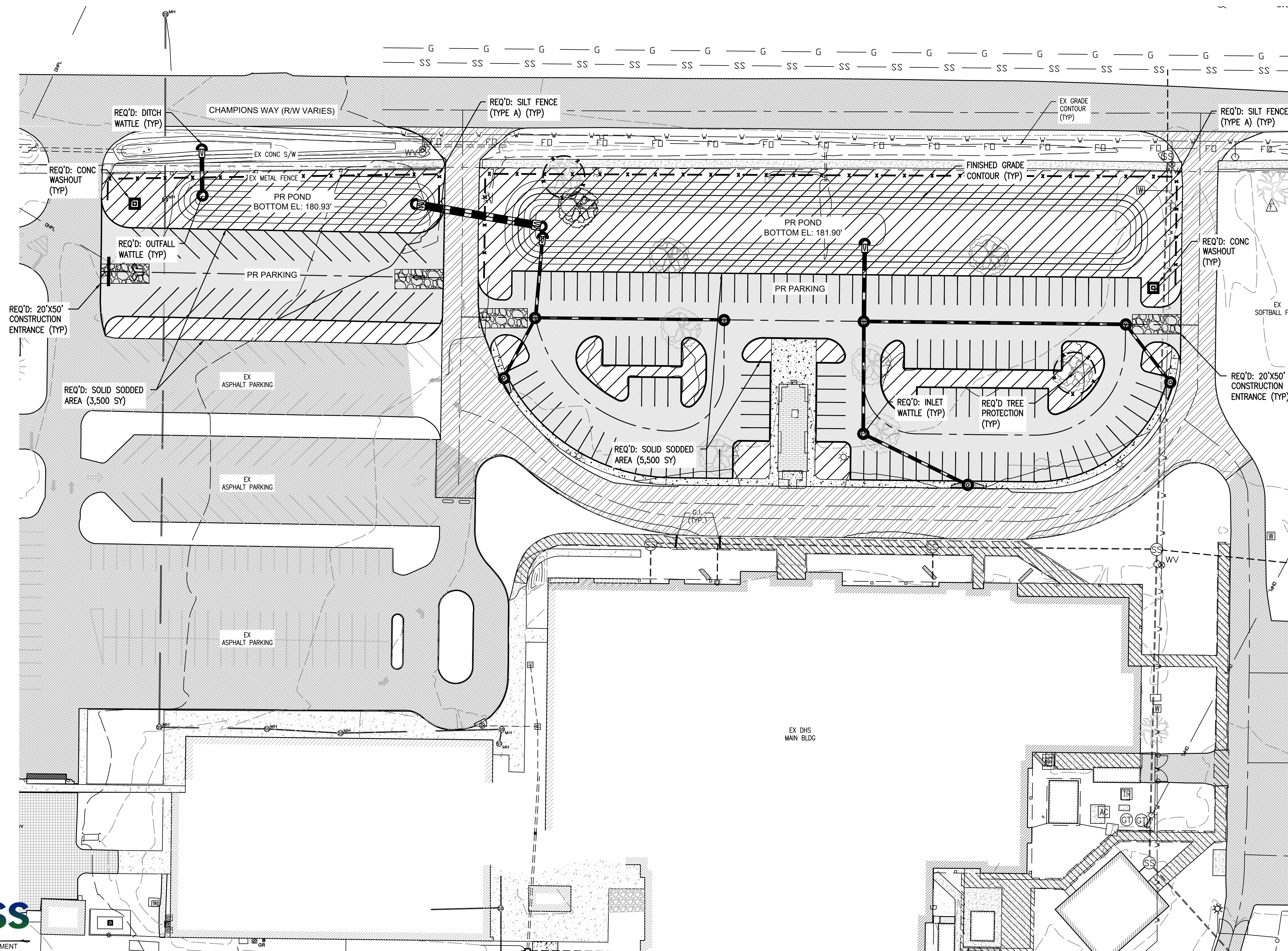


**LEGEND**

- PR INLET/OUTFALL WATTLE
- PR DITCH CHECK WATTLE
- PR CONC WASHOUT
- PR TREE PROTECTION
- PR SLIT FENCE
- PR CONSTRUCTION ENTRANCE
- PR SOLID SOD AREA

**SOIL EROSION & SEDIMENT CONTROL NOTES:**

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT FOR CONSTRUCTION SITES AND URBAN AREAS, VOLUME 1 AND 2, LATEST EDITION.
2. THE MEASURES SET FORTH IN THE EROSION CONTROL PLAN ARE INTENDED AS THE MINIMUM STANDARDS. ANY EROSION CONTROL MEASURE BEYOND THAT SPECIFIED IN THE PLAN, THAT IS REQUIRED TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAW, SHALL BE IMPLEMENTED.
3. IN THE EVENT THAT EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THE EROSION CONTROL PLAN PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE WILL BE REQUIRED. ALL ALTERNATE EROSION PREVENTION AND CONTROL DEVICES MUST BE REVIEWED AND APPROVED BY LOCAL AND STATE COMPLIANCE PERSONNEL PRIOR TO PLACEMENT.
4. THE CONTRACTOR SHALL INSPECT INSTALLED BMPs AT LEAST ONCE EVERY SEVEN (7) DAYS AND REPAIR OR REPLACE MY DAMAGED OR INEFFECTIVE DEVICES.
5. THE CONTRACTOR SHALL INSPECT INSTALLED BMPs WITHIN 24 HOURS AFTER PRECIPITATION EVENTS OF 0.50 INCHES OR GREATER AND REPAIR OR REPLACE ANY DAMAGED OR INEFFECTIVE DEVICES.
6. DISTURBED AREAS SHALL BE GRADED, SODDED, OR VEGETATED (SEEDED AND MULCHED) WITHIN 13 DAYS OF ANY CONSTRUCTION ACTIVITY FOR AN EFFECTIVE BMP.
7. ALL AREAS IDENTIFIED TO HAVE SOLID SODDING, SHALL BE VEGETATED WITH PERMANENT SEEDING (SEASONAL MIX) IN ACCORDANCE WITH SECTION 860, TABLE FOR ZONE 3 IN THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS HIGHWAY CONSTRUCTION (CURRENT EDITION).
8. SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, SAID REQUIREMENTS AS SHOWN BY THESE PLANS.
9. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:
  - A. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
  - B. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.
10. A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
11. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
12. ALL SLOPES SHALL BE STABILIZED AND VEGETATED AS SOON AS POSSIBLE. USE EROSION CONTROL BLANKET (ECB) WHERE GRASSING SLOPES ARE INTERMITTENT.
13. ALL CONSTRUCTION WASTE AND DEBRIS, SILT FENCES, HAY BALES, AND INLET PROTECTION AND OTHER TEMPORARY BMPs SHALL BE REMOVED FROM THE SITE UPON CONSTRUCTION COMPLETION.
14. INACTIVE PROJECTS (MORE THAN 7 DAYS) SHALL BE MULCHED IF INACTIVE FOR LESS THAN 60 DAYS. IF INACTIVE FOR MORE THAN 60 DAYS, DISTURBED AREAS SHALL BE SEEDED & MULCHED

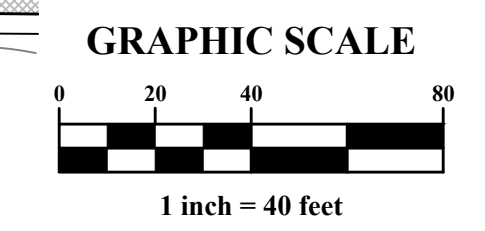


NEW SOFTBALL COMPLEX  
 AT  
 DAPHNE HIGH SCHOOL  
 FOR THE  
 BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : EROSION CONTROL PLAN 01  
  
 MCKEE JOB # : 23-199  
  
 DRAWN BY : BAT/EI  
 DATE : 06-04-24  
  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :

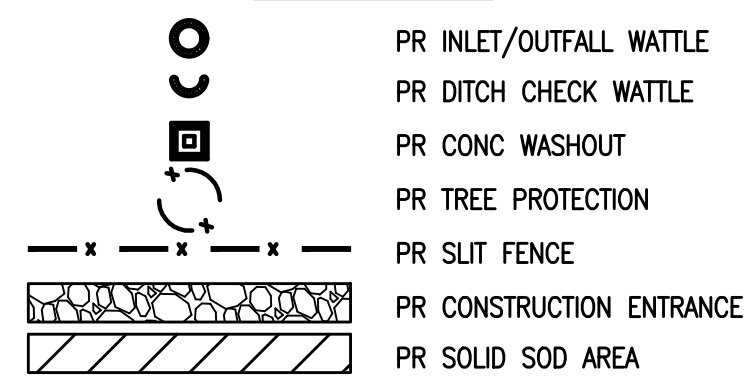


SHEET NO. : C-6.0





**LEGEND**

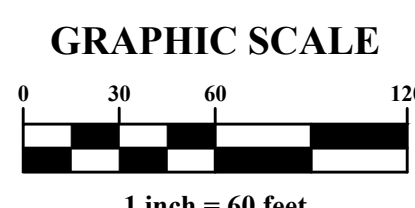
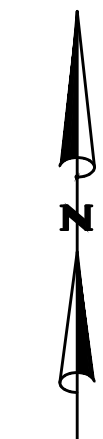
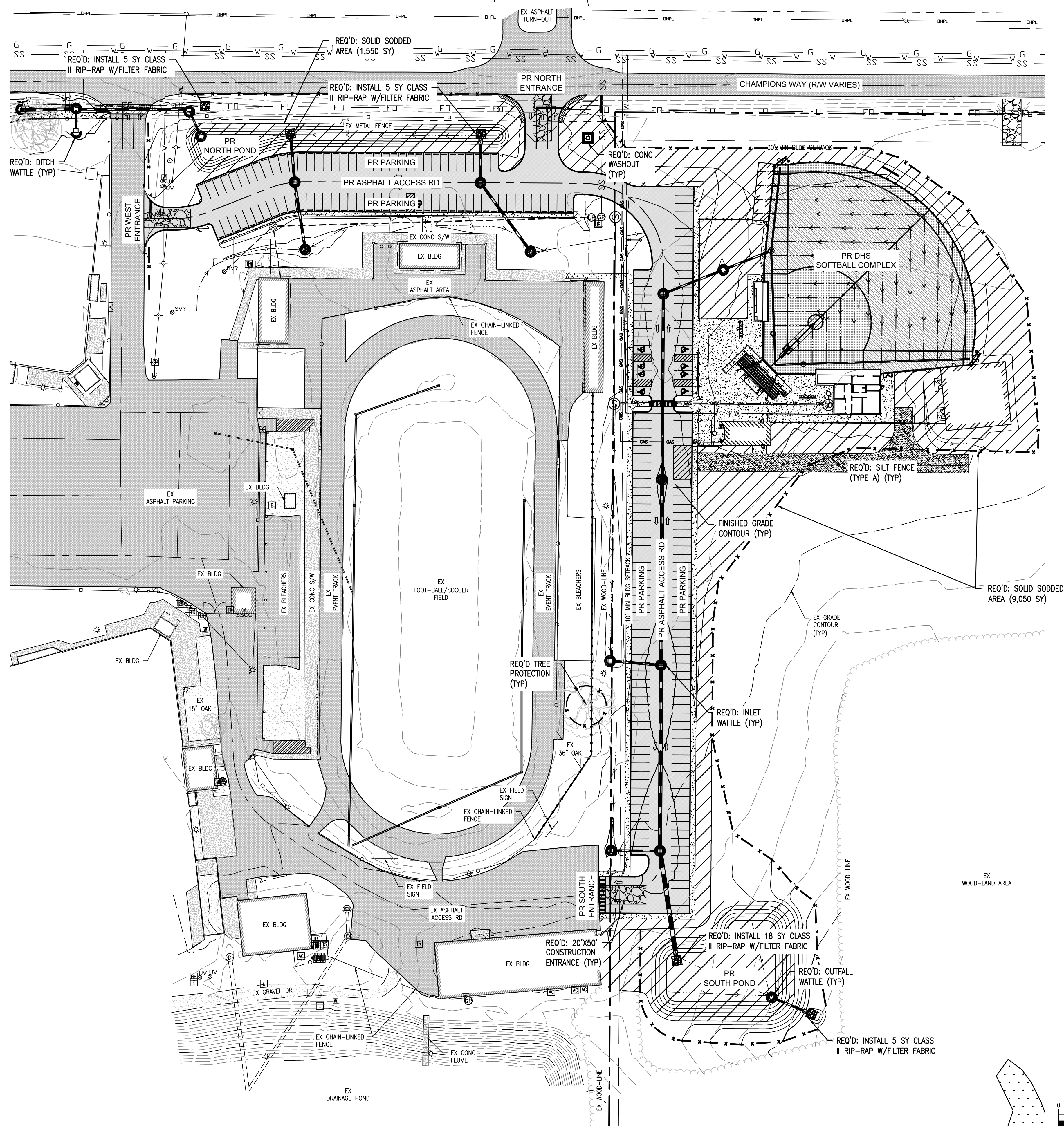


**SOIL EROSION & SEDIMENT CONTROL NOTES:**

- ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORM WATER MANAGEMENT FOR CONSTRUCTION SITES AND URBAN AREAS, VOLUME 1 AND 2, LATEST EDITION.
- THE MEASURES SET FORTH IN THE EROSION CONTROL PLAN ARE INTENDED AS THE MINIMUM STANDARDS, ANY EROSION CONTROL MEASURE BEYOND THAT SPECIFIED IN THE PLAN, THAT IS REQUIRED TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAW, SHALL BE IMPLEMENTED.
- IN THE EVENT THAT EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THE EROSION CONTROL PLAN PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE WILL BE REQUIRED. ALL ALTERNATE EROSION PREVENTION AND CONTROL DEVICES MUST BE REVIEWED AND APPROVED BY LOCAL AND STATE COMPLIANCE PERSONNEL PRIOR TO PLACEMENT.
- THE CONTRACTOR SHALL INSPECT INSTALLED BMPs AT LEAST ONCE EVERY SEVEN (7) DAYS AND REPAIR OR REPLACE MY DAMAGED OR INEFFECTIVE DEVICES.
- THE CONTRACTOR SHALL INSPECT INSTALLED BMPs WITHIN 24 HOURS AFTER PRECIPITATION EVENTS OF 0.50 INCHES OR GREATER AND REPAIR OR REPLACE ANY DAMAGED OR INEFFECTIVE DEVICES.
- DISTURBED AREAS SHALL BE GRADED, SODDED, OR VEGETATED (SEEDED AND MULCHED) WITHIN 13 DAYS OF ANY CONSTRUCTION ACTIVITY FOR AN EFFECTIVE BMP.
- ALL AREAS IDENTIFIED TO HAVE SOLID SODDING, SHALL BE VEGETATED WITH PERMANENT SEEDING (SEASONAL MIX) IN ACCORDANCE WITH SECTION 860, TABLE FOR ZONE 3 IN THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS HIGHWAY CONSTRUCTION (CURRENT EDITION).
- SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, SAID REQUIREMENTS AS SHOWN BY THESE PLANS.
- WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:

  - THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
  - THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.

- A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- ALL SLOPES SHALL BE STABILIZED AND VEGETATED AS SOON AS POSSIBLE. USE EROSION CONTROL BLANKET (ECB) WHERE GRASSING SLOPES ARE INTERMITTENT.
- ALL CONSTRUCTION WASTE AND DEBRIS, SILT FENCES, HAY BALES, AND INLET PROTECTION AND OTHER TEMPORARY BMPs SHALL BE REMOVED FROM THE SITE UPON CONSTRUCTION COMPLETION.
- INACTIVE PROJECTS (MORE THAN 7 DAYS) SHALL BE MULCHED IF INACTIVE FOR LESS THAN 60 DAYS; IF INACTIVE FOR MORE THAN 60 DAYS, DISTURBED AREAS SHALL BE SEEDED & MULCHED



**NEW SOFTBALL COMPLEX**  
 AT  
**DAPHNE HIGH SCHOOL**  
 FOR THE  
**BALDWIN COUNTY B.O.E.**

**McKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : EROSION CONTROL PLAN 02

MCKEE JOB # : 23-199

DRAWN BY : BAT/EI

DATE : 06-04-24

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : C-6.1







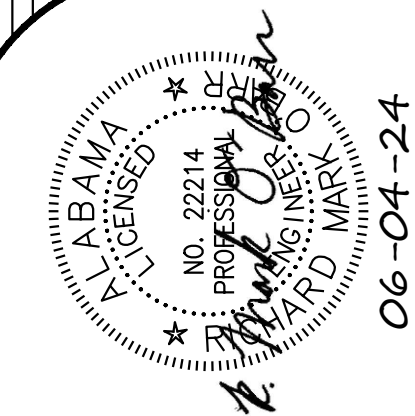




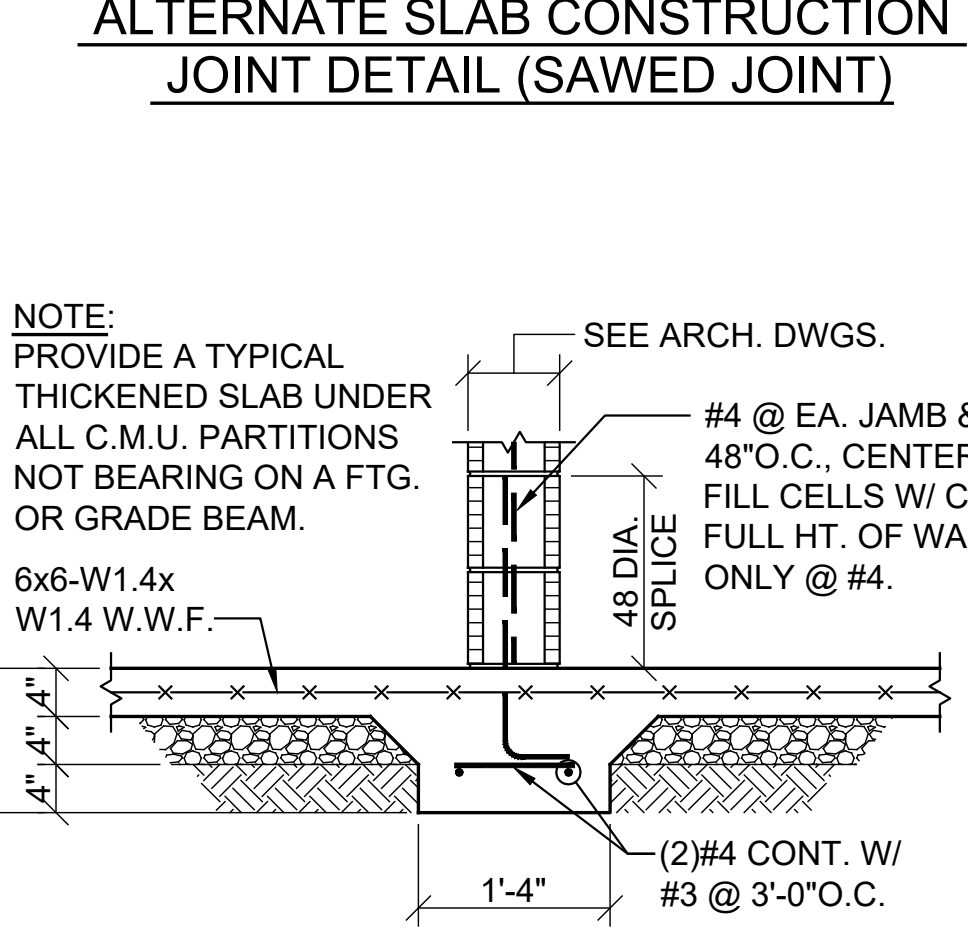
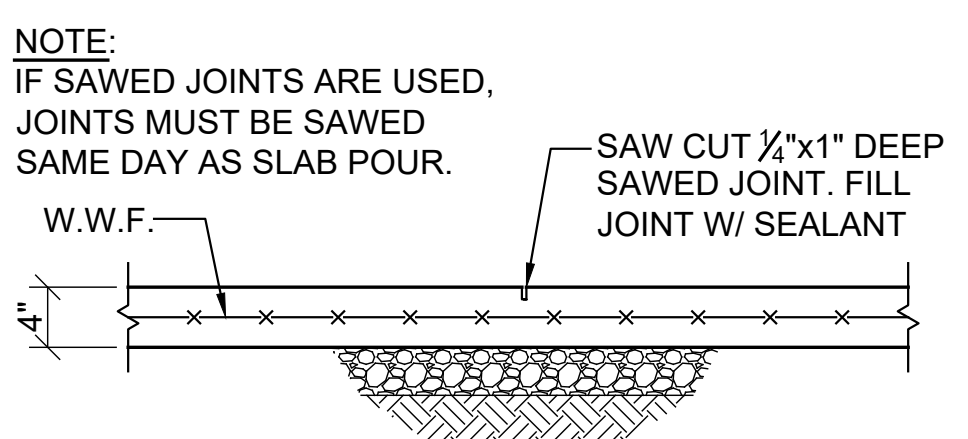
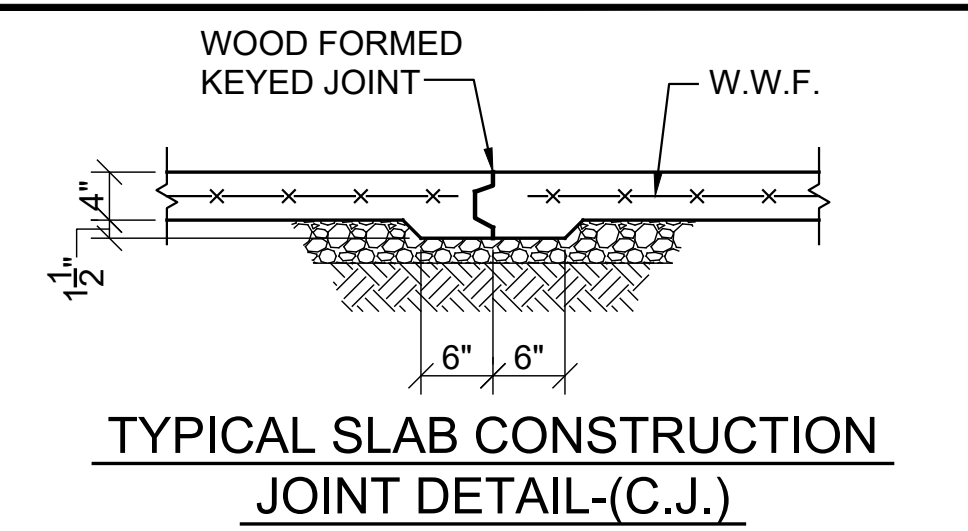
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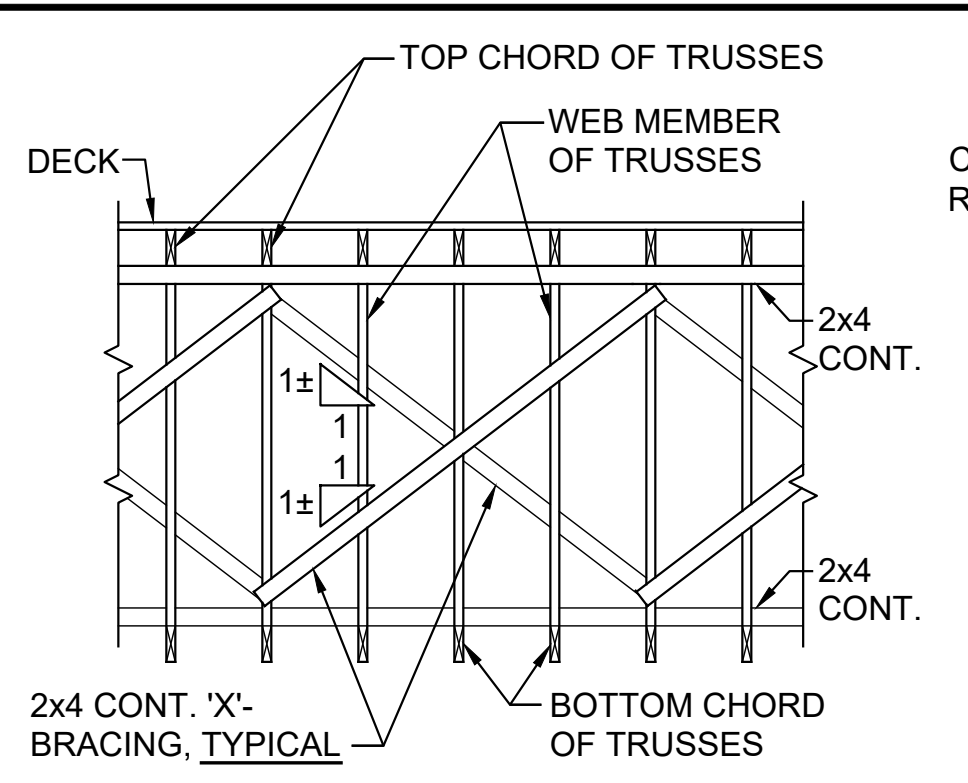
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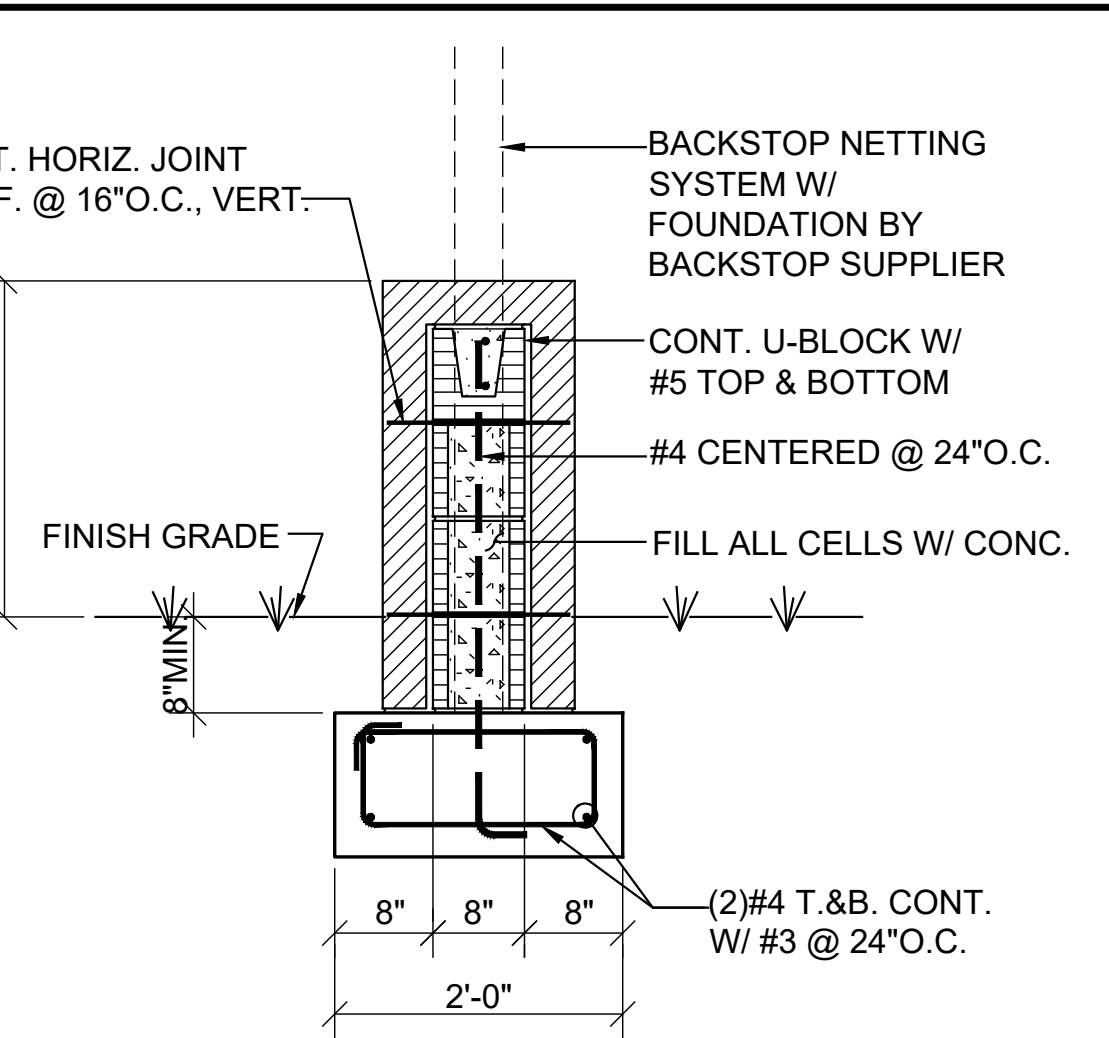
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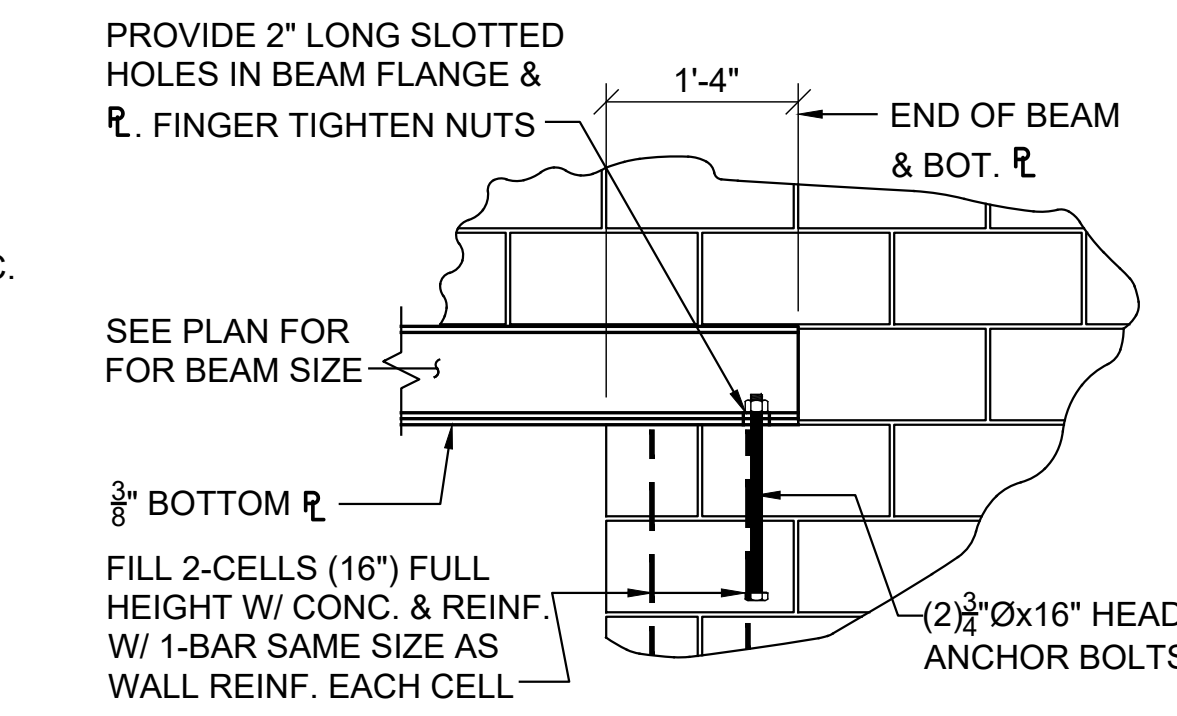
**TYPICAL THICKENED SLAB DETAIL**



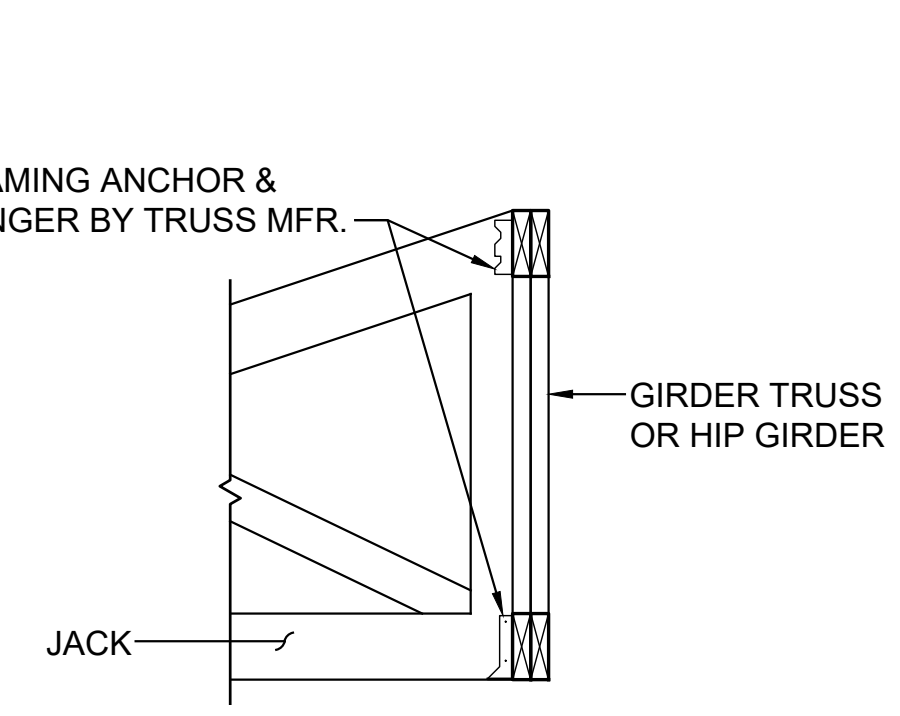
**TYPICAL 'X'-BRACING DETAIL**



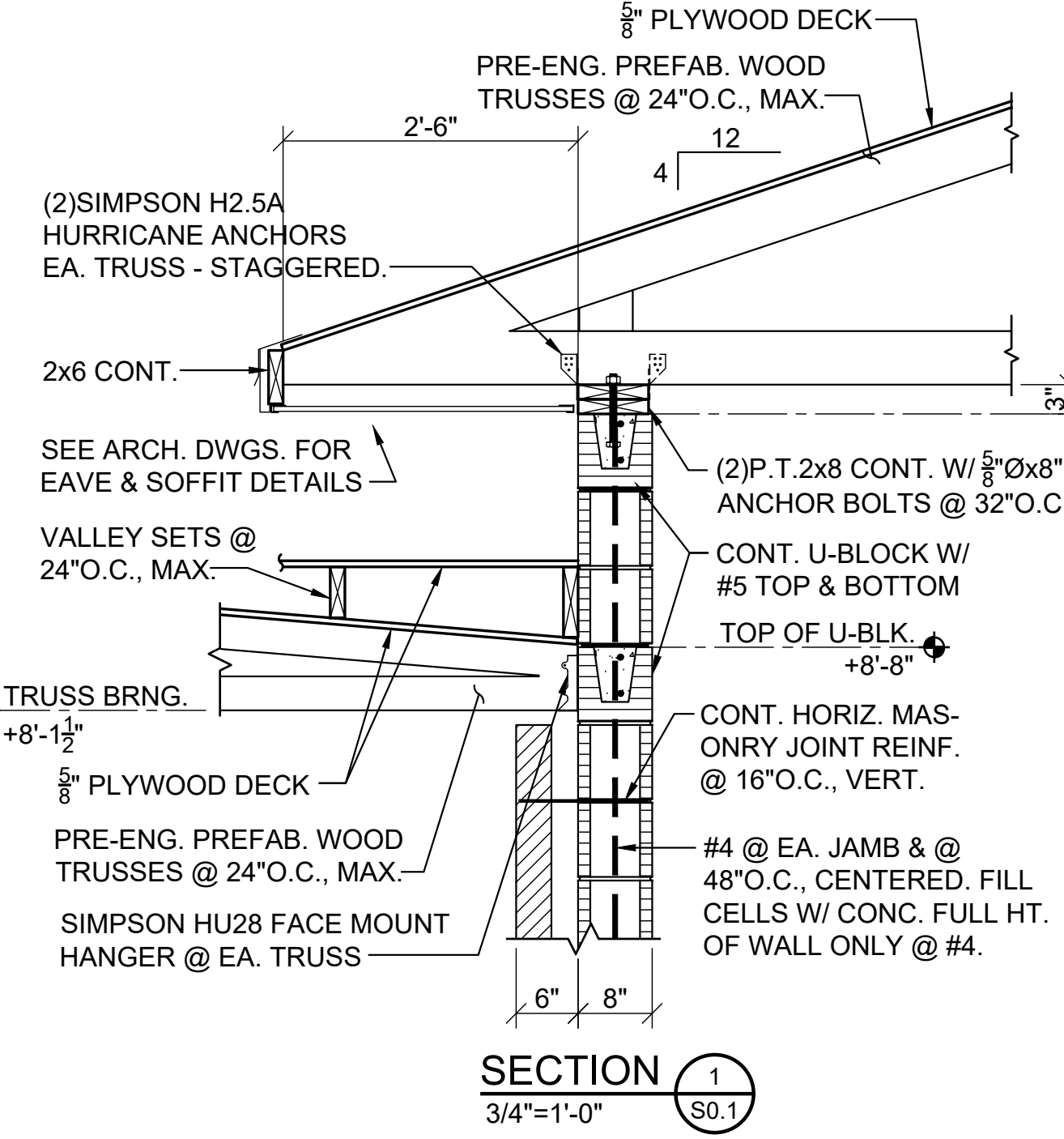
**TYPICAL BACKSTOP WALL DETAIL**



**TYPICAL BEAM WITH BOTTOM PLATE BEARING ON C.M.U. WALL DETAIL**

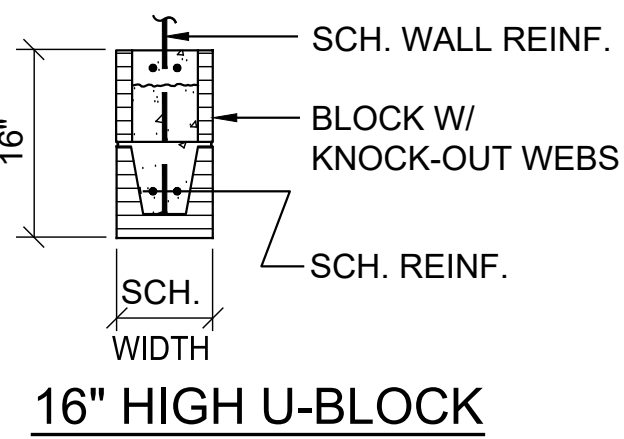


**TYPICAL JACK-GIRDER CONNECTION DETAIL**



LINTEL SCHEDULE					
MARK OR LOCATION	MAX. SPAN	TYPE	SIZE	REINFORCEMENT	REMARKS
8"C.M.U.	3'-4"	U-BLOCK	8x8	#5 TOP & BOT.	8" HI U-BLOCK
8"C.M.U.	6'-4"	U-BLOCK	8x16	(2)#5 TOP & BOT.	16" HI U-BLOCK
BRICK	6'-4"	STEEL ANGLE	6x4x3/8		BEAR 8" EA. END, L.L.V.
L-1	3'-4"	U-BLOCK	8x16	(2)#5 TOP & BOT.	16" HI U-BLOCK

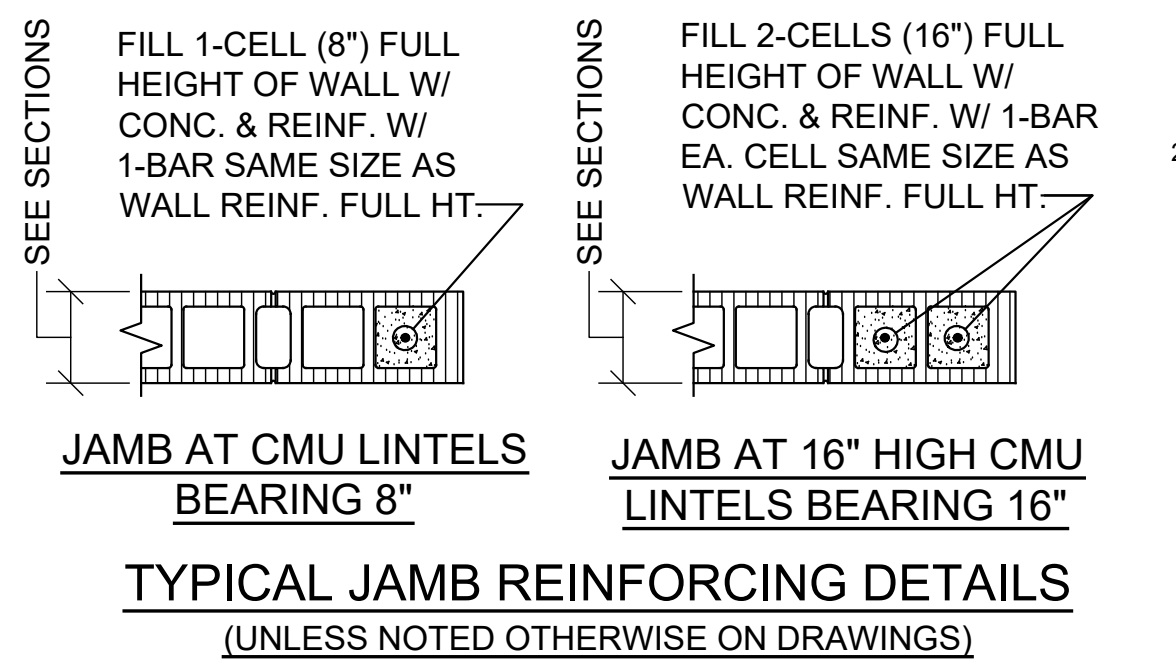
- NOTES:**
- BEAR 8" HIGH U-BLOCKS 8" EACH END & 16" HIGH U-BLOCKS 16" EACH END.
  - FILL CELLS W/ CONCRETE FULL HEIGHT @ U-BLOCK BEARING, FOR ENTIRE LENGTH OF BEARING & REINF. EA. CELL W/ BAR SAME SIZE AS WALL REINFORCING. VERTICAL REINFORCING SHALL BE CONT. THRU LINTEL @ BEARING.
  - FILL CELLS OF U-BLOCK LINTEL TO FULL HT. IN ONE POUR.



**GENERAL NOTES**

- FOUNDATION:**
- THE BEARING STRATA OF ALL FOOTINGS AND GRADE BEAMS SHALL BE INSPECTED AND APPROVED BY THE SOILS TESTING LABORATORY PRIOR TO PLACING THE REINFORCING STEEL AND CONCRETE.
  - ALL FOOTINGS SHALL BEAR ON AN UNDISTURBED SOIL STRATA OR COMPACTED FILL CAPABLE OF SUSTAINING THE LOADS.
  - FOOTINGS AND PIERS WERE DESIGNED FOR AN ALLOWABLE SOIL BEARING OF P = 1500 PSF. THE TESTING AGENCY SHALL VERIFY ALLOWABLE SOIL BEARING PRIOR TO PLACEMENT.
  - ELEVATIONS SHOWN ON PLAN ARE TOP OF FOOTINGS AND ARE MINIMUM DEPTH. DIFFERENT OR UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT AND/OR ENGINEER.
  - ALL FOOTING REINFORCEMENT SHALL BE HELD SECURELY FROM THE GROUND. CONCRETE BLOCK AND BROKEN TILE SHALL NOT BE USED. CONCRETE OR CLAY BRICK MAY BE USED.
  - DOWEL ALL FOOTINGS AND WALLS WHERE THEY ABUT WITH SAME STEEL AS VERTICAL.
  - PROVIDE PREFORMED EXPANSION JOINT WHERE SHOWN.
  - IN FOOTINGS PROVIDE CORNER BARS AT ALL EXTERIOR BUILDING CORNERS.
  - BACK FILL BOTH SIDES OF FOUNDATION WALLS AT SAME TIME TO PREVENT OVERTURNING.
- CONCRETE:**
- ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 28 DAYS OF F<sub>c</sub> = 3000 PSI AND A MAXIMUM WATER-CEMENT RATIO OF 0.53. ALL CONCRETE FOR EXTERIOR APPLICATIONS SHALL CONTAIN ENTRAINED AIR. SEE SPECS FOR ADDITIONAL INFORMATION.
  - REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
  - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 OR ASTM A1064.
  - UNLESS NOTED OTHERWISE PROTECTIVE COVERING OF REINFORCEMENT SHALL BE AS FOLLOWS (SEE DETAILS): FOOTINGS AND GRADE BEAMS 3" CLEAR BOTTOM AND SIDES, 1 1/2" CLEAR TOP. CONCRETE SLABS 3/4" CLEAR, WALLS 1 1/2" CLEAR SIDES, BEAMS 1 1/2" CLEAR TO STIRRUPS. FORMED CONCRETE COLUMNS 1 1/2" CLEAR TO TIES.
  - LAP ALL CONCRETE WALL VERTICAL REINFORCING AND CONCRETE BEAM HORIZONTAL REINFORCING WITH CLASS B LAP SPLICES. LAP ALL OTHER CONTINUOUS BARS WITH CLASS A SPLICES UNLESS NOTED OTHERWISE. PLACING PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST "A.C.I. DETAILING MANUAL".
  - STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT AND/OR ENGINEER'S REVIEW.
  - DO NOT RUN CONDUITS, RACEWAYS, OR PIPES IN CONCRETE SLABS, BEAMS, OR COLUMNS WITHOUT SPECIFIC APPROVAL FROM BLACKBURN DANIELS O'BARR.
- MASONRY:**
- PROVIDE MASONRY HORIZONTAL JOINT REINFORCEMENT 16" O.C. VERTICALLY IN CONCRETE BLOCK WALLS. REINFORCEMENT SHALL BE FOR TOTAL WIDTH OF CAVITY WALLS.
  - WHERE CONCRETE OR STEEL BEAMS BEAR ON CONCRETE BLOCK WALLS, BLOCK CELLS SHALL BE FILLED WITH CONCRETE 1'-4" WIDE TO FOUNDATION AND REINFORCED WITH A #5 EACH CELL UNLESS NOTED OR DETAILED OTHERWISE.
  - CONCRETE OR GROUT FOR BLOCK FILL SHALL HAVE 3/8 INCH MAXIMUM SIZE COARSE AGGREGATE AND SUFFICIENT WATER SO THE CONCRETE WILL FLOW INTO THE BLOCK CELLS WITHOUT LEAVING Voids. HEIGHT OF LIFT WHEN FILLING CELLS SHALL NOT EXCEED 4'-8".
  - CONCRETE OR GROUT FILL FOR C.M.U. SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF F<sub>c</sub> = 3000 PSI. ON 16" AND DEEPER U-BLOCKS, FILL CELLS FULL HEIGHT OF LINTEL AT SAME TIME.
  - ANCHOR ALL MASONRY WALLS TO STEEL COLUMNS WITH STRAP ANCHORS AT 16" O.C. VERTICALLY UNLESS SHOWN OTHERWISE.
  - UNLESS INDICATED OTHERWISE PROVIDE KEVED RUBBER MASONRY CONTROL JOINTS AT A MAXIMUM SPACING OF 25'-4". JOINT SHALL BE DISCONTINUOUS AT BOND BEAM. COORDINATE EXACT LOCATIONS WITH ARCHITECT.
  - PROVIDE REINFORCING BAR SUPPORTS TO CENTER VERTICAL REINFORCING IN MASONRY WALL.
  - PROVIDE 48 DIAMETER LAP SPlice IN VERTICAL MASONRY REINFORCING.
  - PROVIDE CORNER BARS IN U-BLOCK BOND BEAMS AT CORNERS, TYPICAL.
  - ALL CMU SHALL BE PLACED IN A RUNNING BOND PATTERN.
  - VERTICAL REINFORCING SHALL BE CONTINUOUS THROUGH BOND BEAMS AND LINTELS (CUT OUT OR NOTCH BOTTOM OF U-BLOCKS AS REQUIRED - DO NOT SUBSTITUTE BLOCK WITH KNOCK-OUT WEBS WHERE STANDARD U-BLOCK IS INDICATED). FOR BOND BEAMS AT TOP OF WALL, EXTEND VERTICAL REINFORCING TO 1" CLEAR TOP OF BOND BEAM.
- STRUCTURAL STEEL:**
- ALL STRUCTURAL STEEL W AND WT SHAPES SHALL CONFORM TO ASTM A992 (GRADE 50). OTHER SHAPES SHALL CONFORM TO ASTM, A36, LATEST EDITION (EXCEPT STEEL JOISTS AND TUBE SECTIONS).
  - STRUCTURAL STEEL TUBE SECTIONS SHALL CONFORM TO ASTM A500, GRADE B, F<sub>y</sub> = 46.0 KSI.
  - STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR THE ARCHITECT AND/OR ENGINEER'S REVIEW.
  - THE CONTRACTOR SHALL VERIFY ALL SHOP DRAWINGS DIMENSIONS WITH STRUCTURAL AND ARCHITECTURAL PLANS AND DETAILS.
  - CONNECTIONS NOT SHOWN ON DRAWINGS SHALL BE DESIGNED BY THE FABRICATOR.
- WOOD FRAMING:**
- ALL WOOD FRAMING MEMBERS SHALL BE STRESS RATED AND GRADE MARKED.
  - FRAMING MEMBERS EXCEPT STUDS AND MANUFACTURED LUMBER MEMBERS SHALL BE NO. 2, KILN DRIED, SOUTHERN YELLOW PINE OR APPROVED EQUAL.
  - LVL MEMBERS SHALL HAVE MODULUS OF ELASTICITY E OF 2,000,000 PSI AND ALLOWABLE FLEXURAL STRESS F<sub>b</sub> OF 2850 PSI MINIMUM. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - CONNECTIONS FOR ALL MANUFACTURED LUMBER MEMBERS NOT SHOWN ON PLANS SHALL BE DESIGNED BY THE MANUFACTURER.
  - PROVIDE PREFABRICATED WOOD TRUSSES WHERE INDICATED ON PLAN. ALL TRUSSES SHALL BE DESIGNED AND MANUFACTURED TO MEET THE FOLLOWING WORKING LOADS AND CODES.
- MINIMUM LOADS:**
- ROOF LIVE LOAD.....20 PSF  
 ROOF DEAD LOAD.....15 PSF  
 CEILING LOAD.....10 PSF
- CONNECTORS SHALL MEET THE SPECIFICATIONS OF THE TRUSS PLATE INSTITUTE AND SHALL BE SANFORD, GANG-NAIL, TEMPLIN OR EQUAL.
- MANUFACTURER SHALL SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS FOR EACH TYPE TRUSS. DESIGNER SHALL BE SIGNED BY A REGISTERED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF ALABAMA. SIZES OF MEMBERS MAY BE CHANGED AS ALLOWED OR REQUIRED BY THE GRADE OF LUMBER USED EXCEPT THAT ALL TOP CHORDS AND BOTTOM CHORDS SHALL BE 2X6 MINIMUM.

- WOOD FRAMING CONTINUED:**
- PROVIDE CAMBER IN ALL TRUSSES.
  - PROVIDE VERTICAL WEBS MEMBERS TO ACCOMMODATE TRUSS VERTICAL X-BRACING (SEE PLAN FOR LOCATIONS).
  - IN ADDITION TO THE "X" BRACING SHOWN ON THE CONTRACT DRAWINGS, THE CONTRACTOR SHALL PROVIDE ALL BRACING REQUIRED BY THE TRUSS MANUFACTURER. THE DESIGN OF BRACING FOR INDIVIDUAL TRUSS MEMBERS INCLUDING CONTINUOUS BRACING SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGN ENGINEER AND HE SHALL SHOW THE SIZES OF THIS BRACING ON THE SHOP DRAWINGS INCLUDING ALL END ANCHORAGE DETAILS FOR CONTINUOUS BRACING.
  - AFTER ALL FRAMING HAS BEEN ERECTED, THE CONTRACTOR SHALL PROVIDE THE ARCHITECT/ENGINEER A WRITTEN STATEMENT STATING HE HAS INSPECTED THE FRAMING AND THAT ALL BRACING SHOWN ON THE SHOP DRAWINGS HAS BEEN INSTALLED IN ACCORDANCE WITH THE SHOP DRAWINGS.
  - ANCHOR ALL TRUSSES, JOISTS, AND RAFTERS TO SUPPORTS WITH GALVANIZED FRAMING ANCHORS.
  - HURRICANE ANCHORS SHOWN ON DRAWINGS ARE MINIMUM REQUIRED. PROVIDE ADDITIONAL ANCHORS AND/OR DIFFERENT TYPES OF ANCHORS AS REQUIRED TO RESIST NET UPLIFT IN ACCORDANCE WITH TRUSS MANUFACTURER'S RECOMMENDATIONS. TRUSS MANUFACTURER SHALL INDICATE REQUIRED ANCHORAGE ON SHOP DRAWINGS.
  - ALL NAILS, ANCHOR BOLTS, AND OTHER STEEL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIP GALVANIZED OR STAINLESS STEEL. PROVIDE 15# FELT SEPARATOR (OR EQUIVALENT) AS REQUIRED BETWEEN ALL PRESSURE TREATED WOOD AND OTHER METAL FRAMING UNLESS NOTED OTHERWISE ATTACH PL WOOD ROOF DECK WITH 10d NAILS @ 8" O.C. AT SUPPORTED EDGES AND @ 12" O.C. AT INTERMEDIATE SUPPORTS.
- CODES:**
- ALL PARTS SHALL BE FURNISHED AND ERECTED ACCORDING TO THE APPLICABLE CODES AND SPECIFICATIONS OF THE FOLLOWING:  
 AMERICAN CONCRETE INSTITUTE (ACI)  
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)  
 AMERICAN WELDING SOCIETY (AWS)  
 OSHA STEEL ERECTION STANDARD (OSHA)  
 NATIONAL LUMBER MANUFACTURER'S ASSOCIATION (NLMA)  
 AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC)  
 INTERNATIONAL BUILDING CODE (IBC 2021) (ICC)
- DESIGN LIVE LOADS:**
- ROOF.....20 PSF  
 RISK CATEGORY (PER IBC 2021/ASCE 7-16).....II  
 WIND.....INTERNATIONAL BUILDING CODE (PER ASCE 7-16)  
 ULTIMATE DESIGN WIND SPEED (V<sub>ult</sub>).....154 MPH  
 NOMINAL DESIGN WIND SPEED (V<sub>50</sub>).....119 MPH  
 WIND EXPOSURE.....C  
 INTERNAL PRESSURE COEFFICIENTS:  
 CONCESSIONS/FIELD HOUSE.....+/-0.18  
 DUGOUTS.....+/-0.55  
 BATTING CAGE.....+/-0.0  
 SEISMIC.....INTERNATIONAL BUILDING CODE (PER ASCE 7-16)  
 SEISMIC IMPORTANCE FACTOR.....I  
 MAPPED SPECTRAL ACCELERATION (SHORT-TERM), S<sub>s</sub>=0.091g  
 MAPPED SPECTRAL ACCELERATION (1-SECOND), S<sub>1</sub>=0.059g  
 SITE CLASS.....D  
 SHORT-PERIOD SPECTRAL RESPONSE ACCEL.....S<sub>ds</sub>=0.097g  
 1-SECOND SPECTRAL RESPONSE ACCEL.....S<sub>d1</sub>=0.094g  
 SEISMIC FORCE-RESISTING SYSTEM.....B  
 SEISMIC FORCE-RESISTING SYSTEM(S):  
 CMU SHEAR WALLS (TYPICAL)  
 CANTILEVER WOOD COL/S/KNEE BRACES (BATTING CAGE)  
 SEISMIC RESPONSE COEFFICIENT(S):  
 C<sub>s</sub>=0.028 (TYPICAL/CMU)  
 C<sub>s</sub>=0.065 (BATTING CAGE)  
 DESIGN BASE SHEAR (ULTIMATE):  
 CONCESSIONS/FIELD HOUSE/DUGOUTS.....<4k EA  
 BATTING CAGE.....6.7k  
 RESPONSE MODIFICATION FACTOR(S):  
 R=3.5 (TYP) OR 1.5 (BATTING CAGE)  
 ANALYSIS PROCEDURE.....ASCE 7 (SECT 12.8)
- SNOW.....INTERNATIONAL BUILDING CODE**  
 GROUND SNOW LOAD.....Pg=0 PSF
- COMPONENTS AND CLADDING ULTIMATE WIND PRESSURES:**
- NOTE: MULTIPLY ALL VALUES SHOWN BELOW BY 0.6 TO GET ALLOWABLE DESIGN PRESSURES.  
 SEE FIGURE 30.4-1 OF ASCE 7-16 FOR INDICATED ZONES.
- ROOF: TRIBUTARY AREA A = 10 SF  
 ZONE 1: -8.7 PSF/38.5 PSF  
 ZONE 2: -10.1 PSF/21.0 PSF  
 ZONE 2a: -12.2 PSF/38.5 PSF  
 ZONE 2b: -11.3 PSF/38.5 PSF  
 ZONE 3: -13.7 PSF/38.5 PSF  
 WALL: TRIBUTARY AREA A = 100 SF  
 ZONE 1: -59.6 PSF/21.0 PSF  
 ZONE 2: -79.2 PSF/16.6 PSF  
 ZONE 2a: -81.3 PSF/21.0 PSF  
 ZONE 2b: -76.0 PSF/21.0 PSF  
 ZONE 3: -94.2 PSF/21.0 PSF  
 WALL: TRIBUTARY AREA A = 10 SF  
 ZONE 4: -51.9 PSF/17.7 PSF  
 ZONE 5: -64.1 PSF/17.7 PSF  
 WALL: TRIBUTARY AREA A = 100 SF  
 ZONE 4: -44.8 PSF/44.0 PSF  
 ZONE 5: -49.8 PSF/44.0 PSF  
 CORNER ZONE = 4.2 FT MAX (TYPICAL CMU BLDGS)
- SPECIAL INSPECTIONS:**
- ALL SPECIAL INSPECTIONS REQUIRED BY CHAPTER 17 OF IBC SHALL BE PERFORMED BY A DESIGNATED TESTING AGENCY OR AGENCIES RESPONSIBLE FOR SPECIAL INSPECTIONS.
- WIND REQUIREMENTS FOR SPECIAL INSPECTIONS:**
- THE FOLLOWING STRUCTURAL COMPONENTS ARE DESIGNATED AS WIND SYSTEMS AND/OR PART OF THE MAIN WINDFORCE-RESISTING SYSTEM OF THE BUILDING AND ARE SUBJECT TO THE REQUIREMENTS OF SECTION 1705.12 OF IBC 2021 AND PROJECT SPECIFICATIONS:  
 ROOF DIAPHRAGM SYSTEM AND ATTACHMENT  
 CMU SHEAR WALLS (INCL. ANCHORAGE TO FOUNDATION)  
 THESE SPECIFIC COMPONENTS ARE IN ADDITION TO ALL GENERAL COMPONENTS LISTED IN SECTION 1705.12 OF IBC 2021 AND ARE SUBJECT TO ALL SPECIAL INSPECTIONS AND TESTING AS REQUIRED BY CHAPTER 17 OF IBC 2021, PROJECT SPECIFICATIONS, AND SCHEDULE OF SPECIAL INSPECTIONS. SPECIAL INSPECTION REPORTS SHALL BE SUBMITTED AS PER THE STATEMENT OF SPECIAL INSPECTIONS.
  - OTHER ARCHITECTURAL COMPONENTS AND THEIR ANCHORAGES MAY ALSO BE DESIGNATED AS WIND-RESISTING COMPONENTS. SEE OTHER DISCIPLINE'S DRAWINGS AND SPECIFICATIONS.



SHEET TITLE : GENERAL NOTES SCHEDULES TYPICAL DETAILS

MCKEE JOB # : 23-199

DRAWN BY : R. Casey

DATE: 06.04.24

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO. : **S0.1**

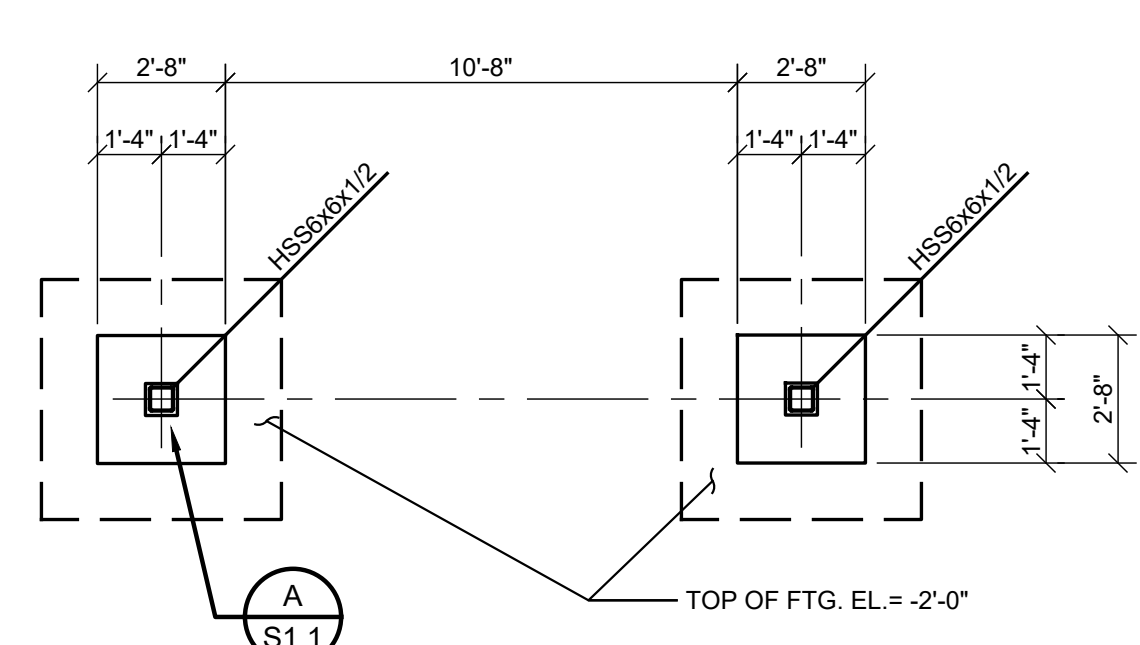
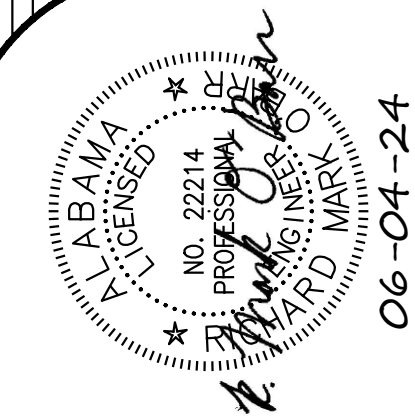




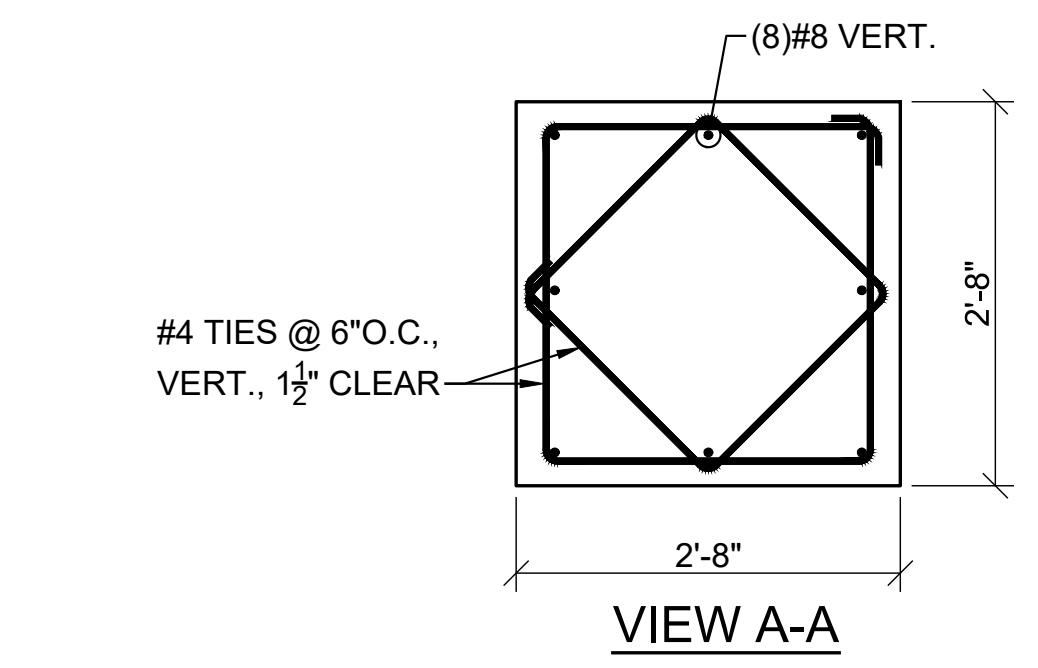
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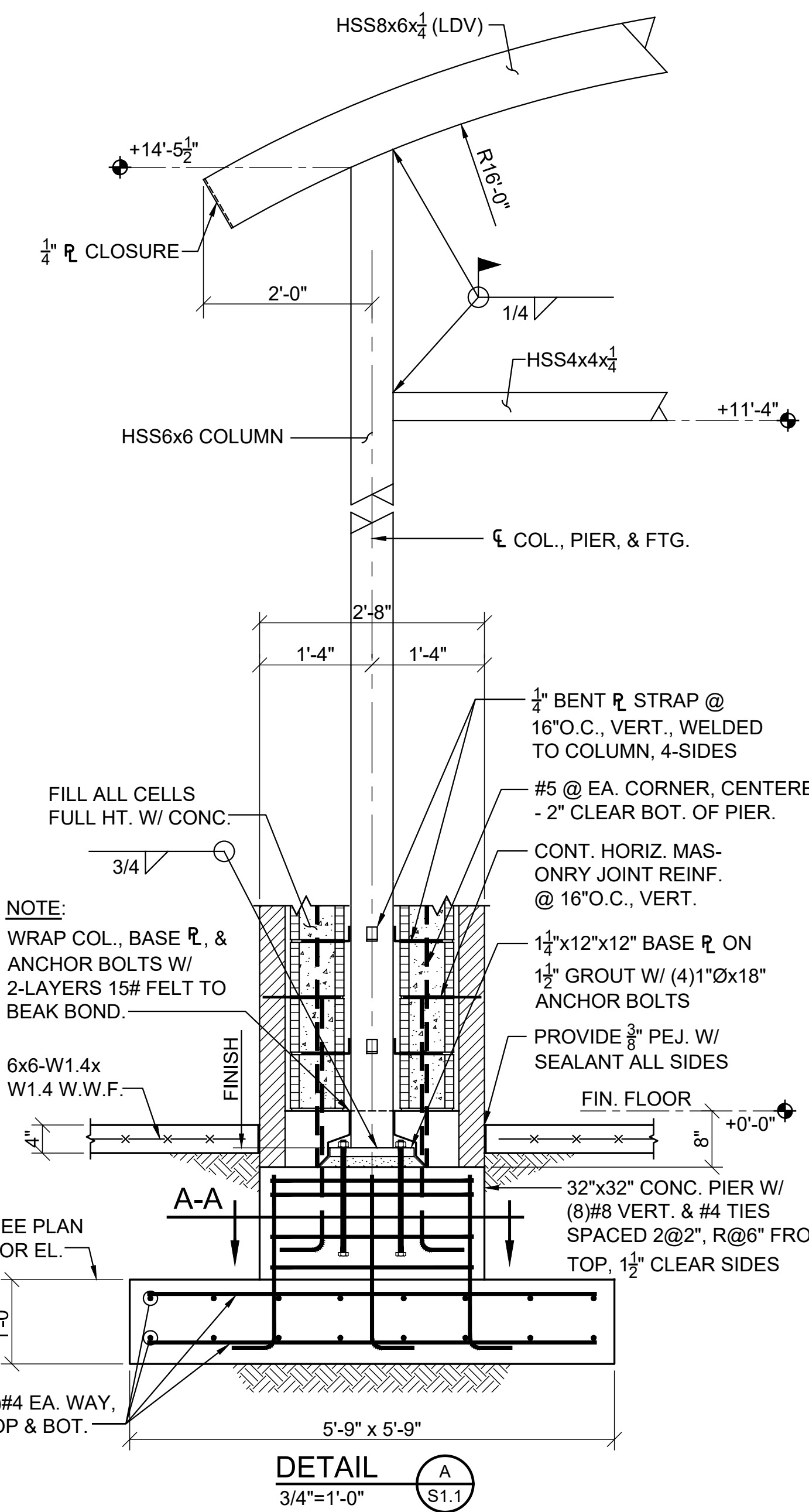
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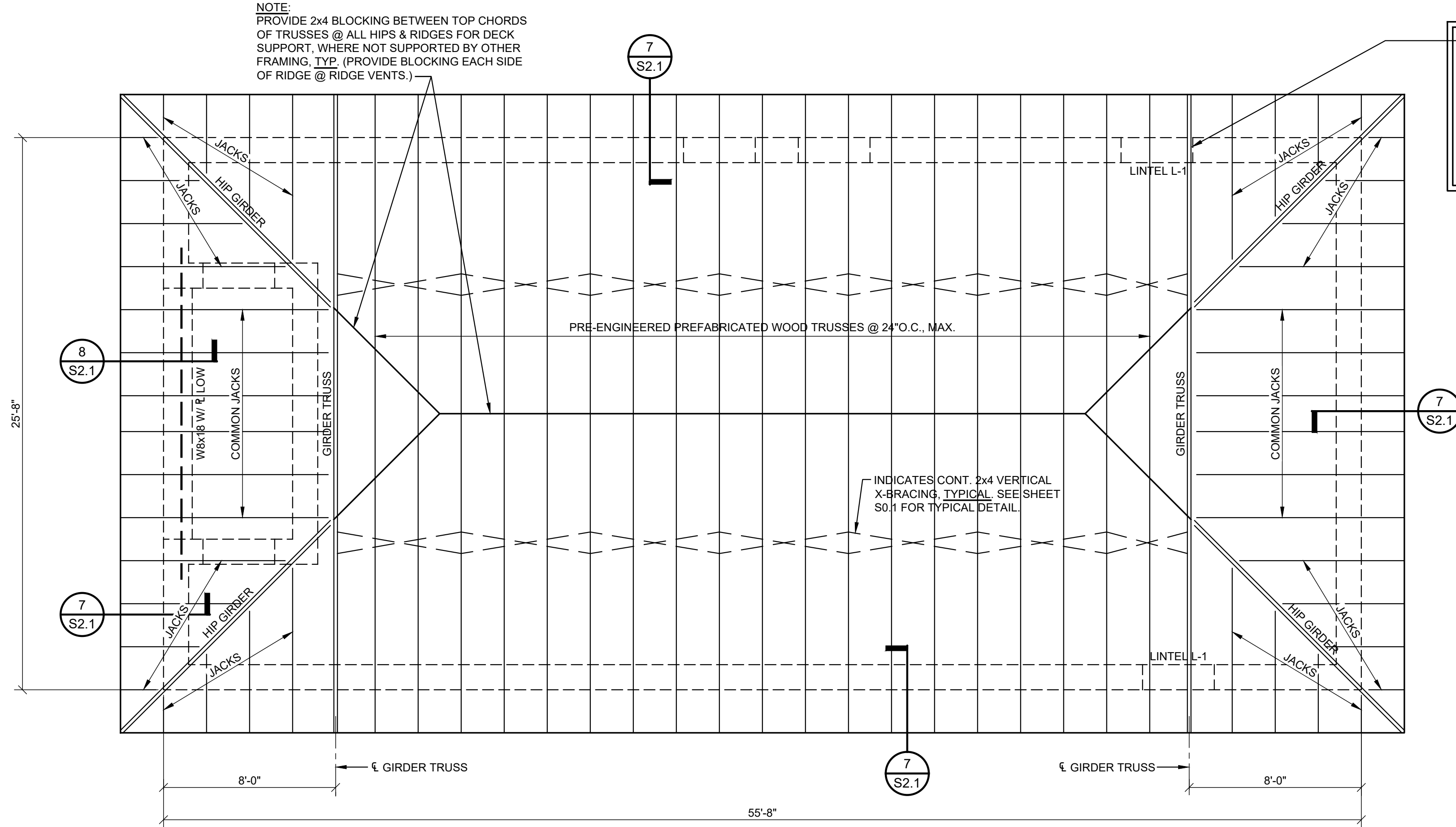
**ENTRY GATE FOUNDATION PLAN**  
 SCALE: 1/4" = 1'-0"



**VIEW A-A**



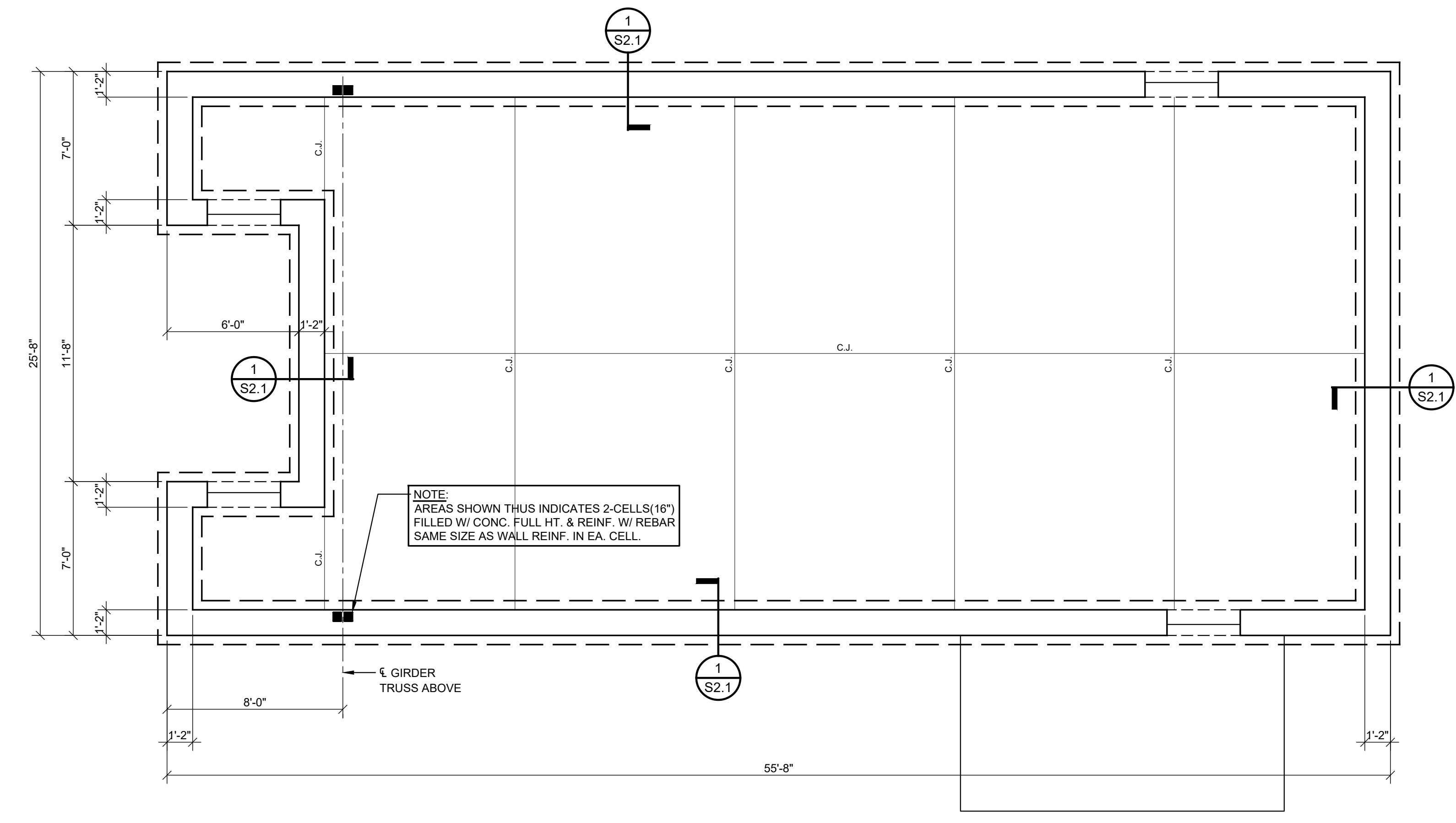
**DETAIL**  
 3/4" = 1'-0"



**ROOF FRAMING PLAN - CONCESSION / TOILET BUILDING**  
 SCALE: 1/4" = 1'-0"

NOTE:  
 PROVIDE 2x4 BLOCKING BETWEEN TOP CHORDS OF TRUSSES @ ALL HIP & RIDGES FOR DECK SUPPORT, WHERE NOT SUPPORTED BY OTHER FRAMING, TYP. (PROVIDE BLOCKING EACH SIDE OF RIDGE @ RIDGE VENTS.)

**ROOF CONSTRUCTION**  
 5/8" THICK APA RATED PLYWOOD DECK, EXPOSURE 1, W/ PANEL IDENTIFICATION INDEX OF 40/20 OVER PRE-ENGINEERED PREFABRICATED WOOD TRUSSES @ 24" O.C., MAXIMUM.  
 NOTE:  
 PROVIDE PLYCLIPS @ MID SPAN BETWEEN TRUSSES & RAFTERS @ ALL JOINTS IN ADJACENT ROOF DECK SHEETS.



**FOUNDATION PLAN - CONCESSION / TOILET BUILDING**  
 SCALE: 1/4" = 1'-0"

**FLOOR CONSTRUCTION**  
 4" THICK CONCRETE SLAB W/ 6x6-W1.4xW1.4 W.W.F. OVER VAPOR BARRIER OVER 4" POROUS FILL. FINISH FLOOR EL. = (+0'-0")

NOTE:  
 UNLESS NOTED OTHERWISE, TOP OF FOOTING EL. = -2'-0"

NOTE:  
 PROVIDE A TYPICAL THICKENED SLAB UNDER ALL C.M.U. PARTITIONS NOT BEARING ON A FOOTING. SEE SHEET S0.1 FOR TYPICAL DETAIL.

SHEET TITLE : CONCESSION / TOILET BUILDING FRAMING PLANS  
 MCKEE JOB # : 23-199  
 DRAWN BY : R. Casey  
 DATE : 06.04.24  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :

SHEET NO. : **S1.1**



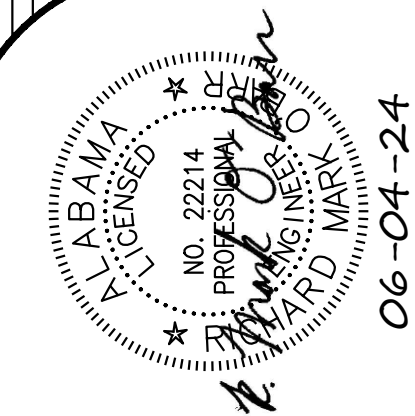




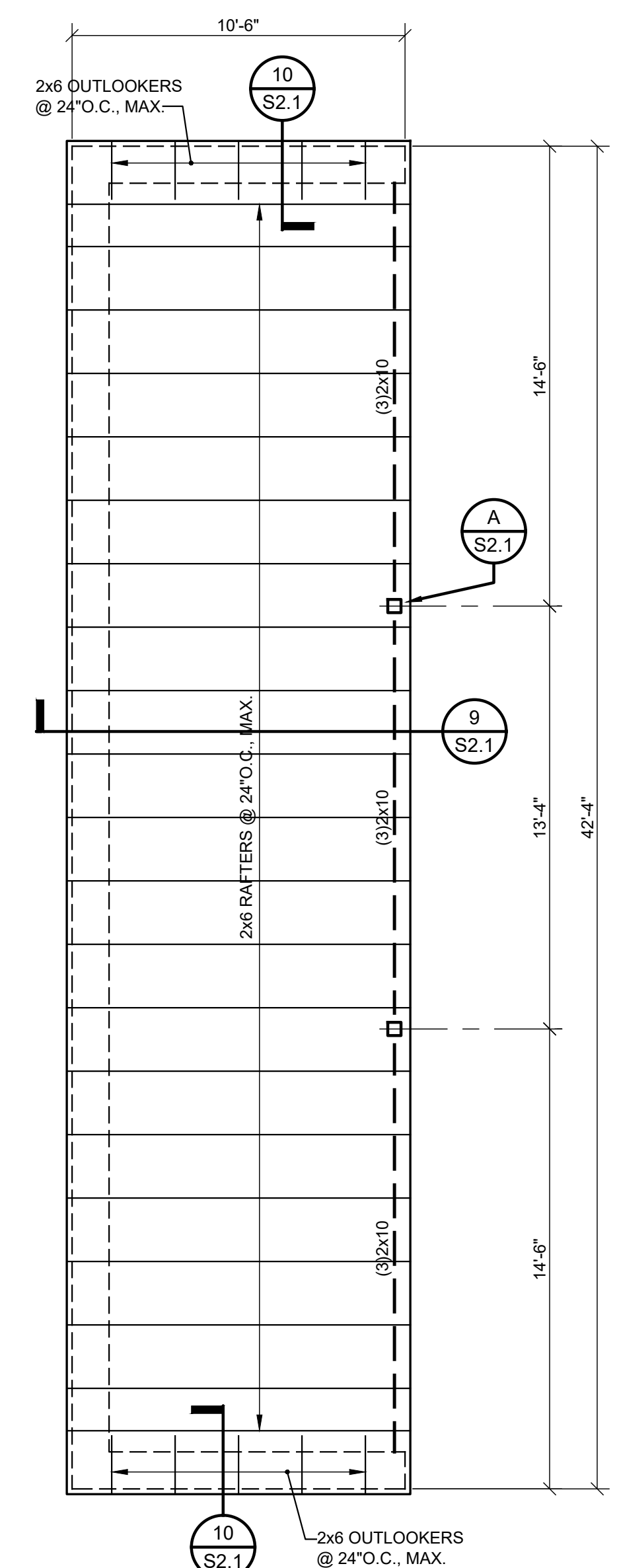


**NEW SOFTBALL COMPLEX**  
AT  
**DAPHNE HIGH SCHOOL**  
FOR THE  
**BALDWIN COUNTY B.O.E.**

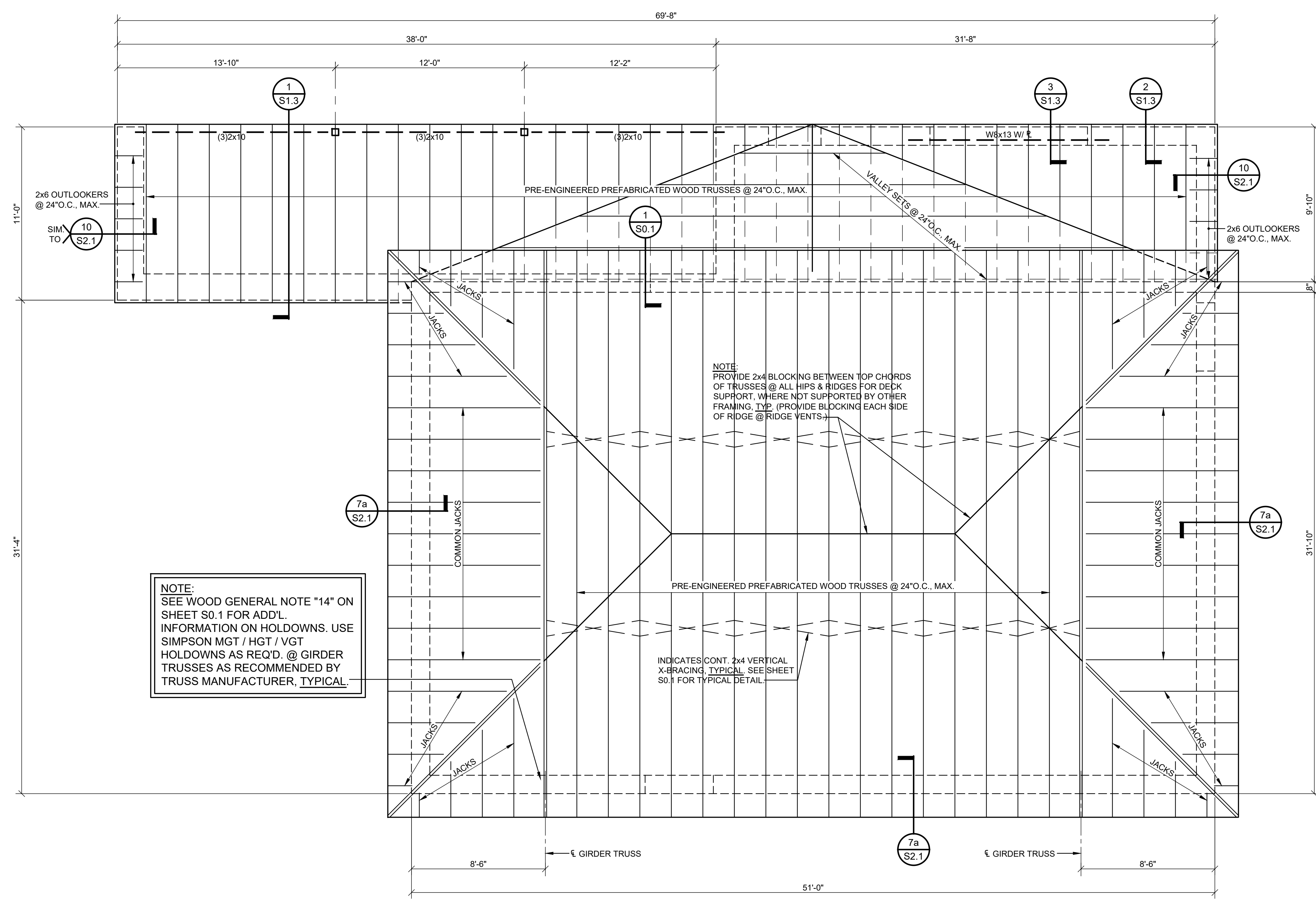
**McKee and Associates**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



**ROOF CONSTRUCTION**  
5/8" THICK APA RATED PLYWOOD DECK, EXPOSURE 1, W/ PANEL IDENTIFICATION INDEX OF 40/20 OVER 2x6 RAFTERS @ 24"O.C., MAXIMUM.  
**NOTE:**  
PROVIDE PLYCLIPS @ MID SPAN BETWEEN RAFTERS @ ALL JOINTS IN ADJACENT ROOF DECK SHEETS.

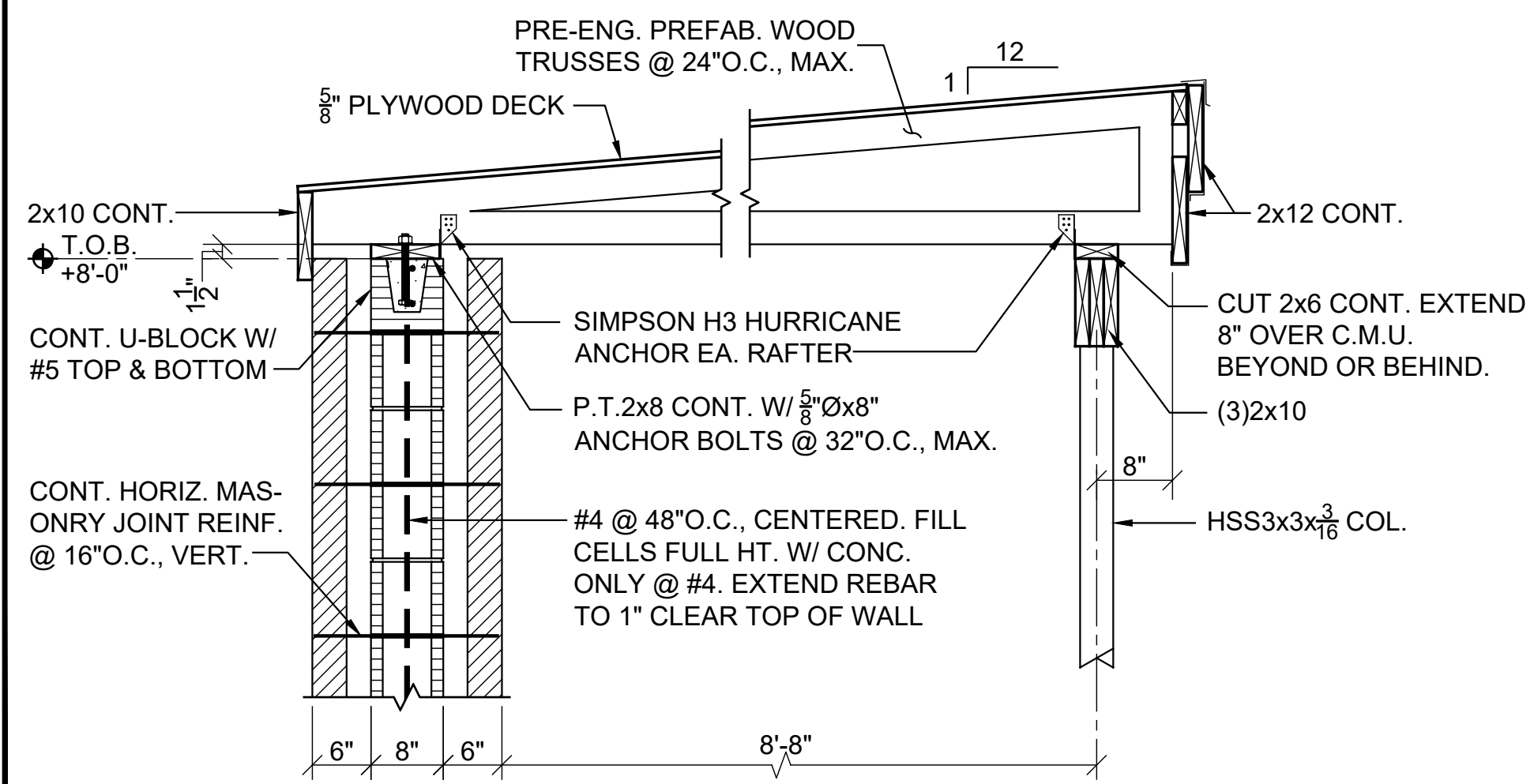


**ROOF FRAMING PLAN- VISITORS DUGOUT-SOFTBALL**  
SCALE: 1/4"=1'-0"

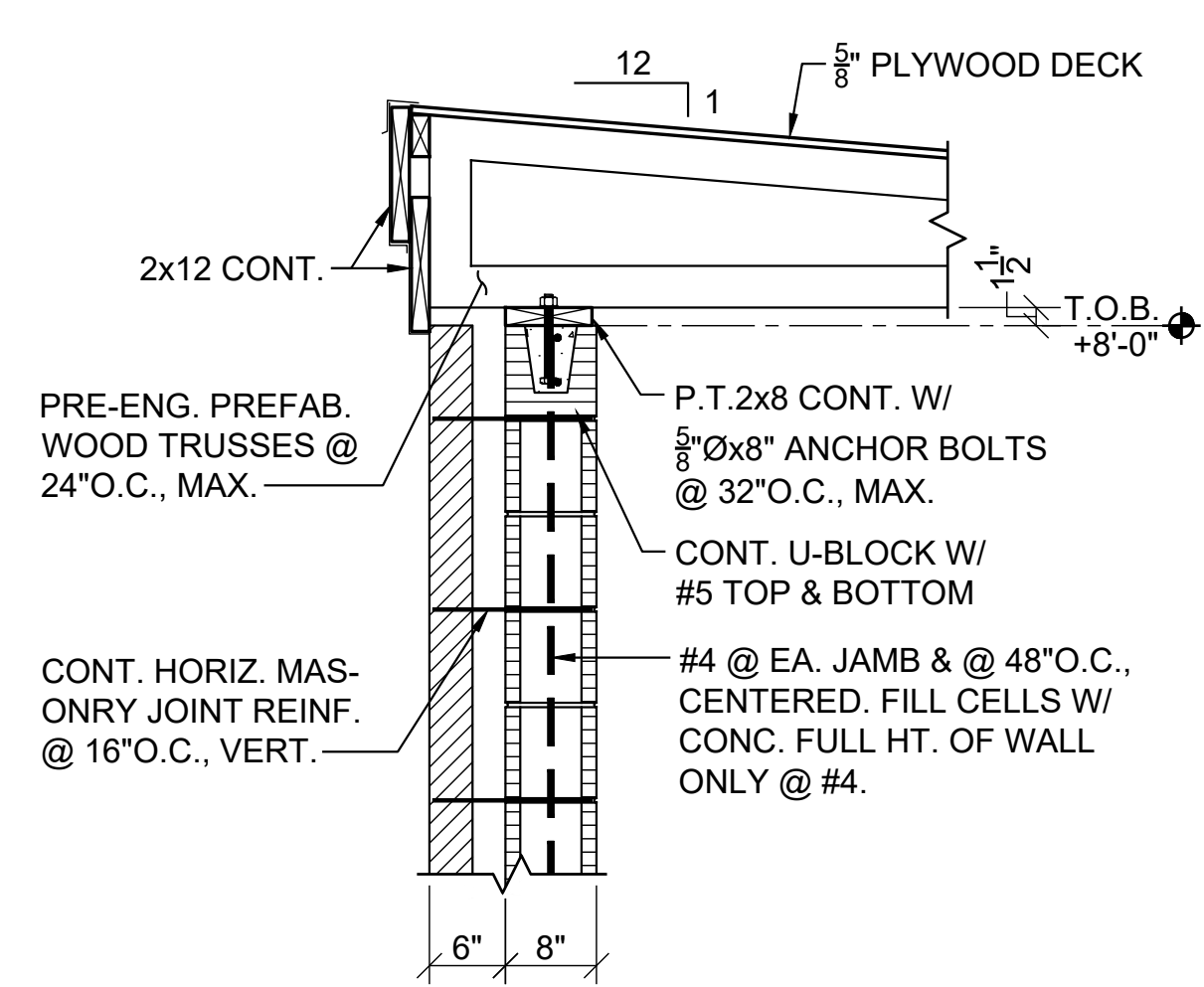


**ROOF FRAMING PLAN - SOFTBALL FIELD HOUSE**  
SCALE: 1/4"=1'-0"

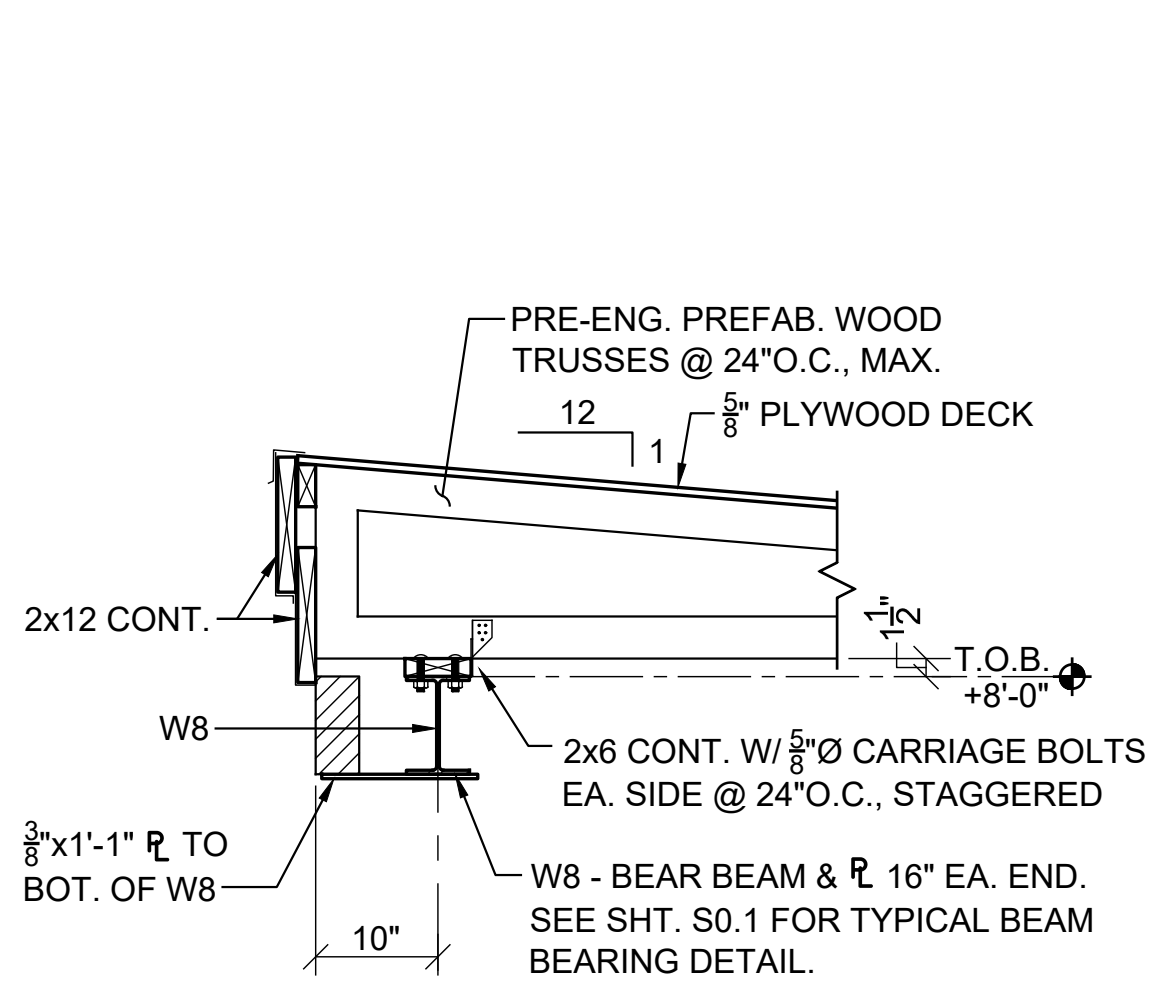
**ROOF CONSTRUCTION**  
5/8" THICK APA RATED PLYWOOD DECK, EXPOSURE 1, W/ PANEL IDENTIFICATION INDEX OF 40/20 OVER PRE-ENGINEERED PREFABRICATED WOOD TRUSSES @ 24"O.C., MAXIMUM.  
**NOTE:**  
PROVIDE PLYCLIPS @ MID SPAN BETWEEN TRUSSES & RAFTERS @ ALL JOINTS IN ADJACENT ROOF DECK SHEETS.



**SECTION 1**  
3/4"=1'-0" S1.3



**SECTION 2**  
3/4"=1'-0" S1.3



**SECTION 3**  
3/4"=1'-0" S1.3

SHEET TITLE : SOFTBALL FIELDHOUSE & VISITORS DUGOUT ROOF FRAMING PLANS  
MCKEE JOB # : 23-199  
DRAWN BY : R. Casey  
DATE : 06.04.24  
REVISED DATE :  
REVISED DATE :

SHEET NO. : **S1.3**

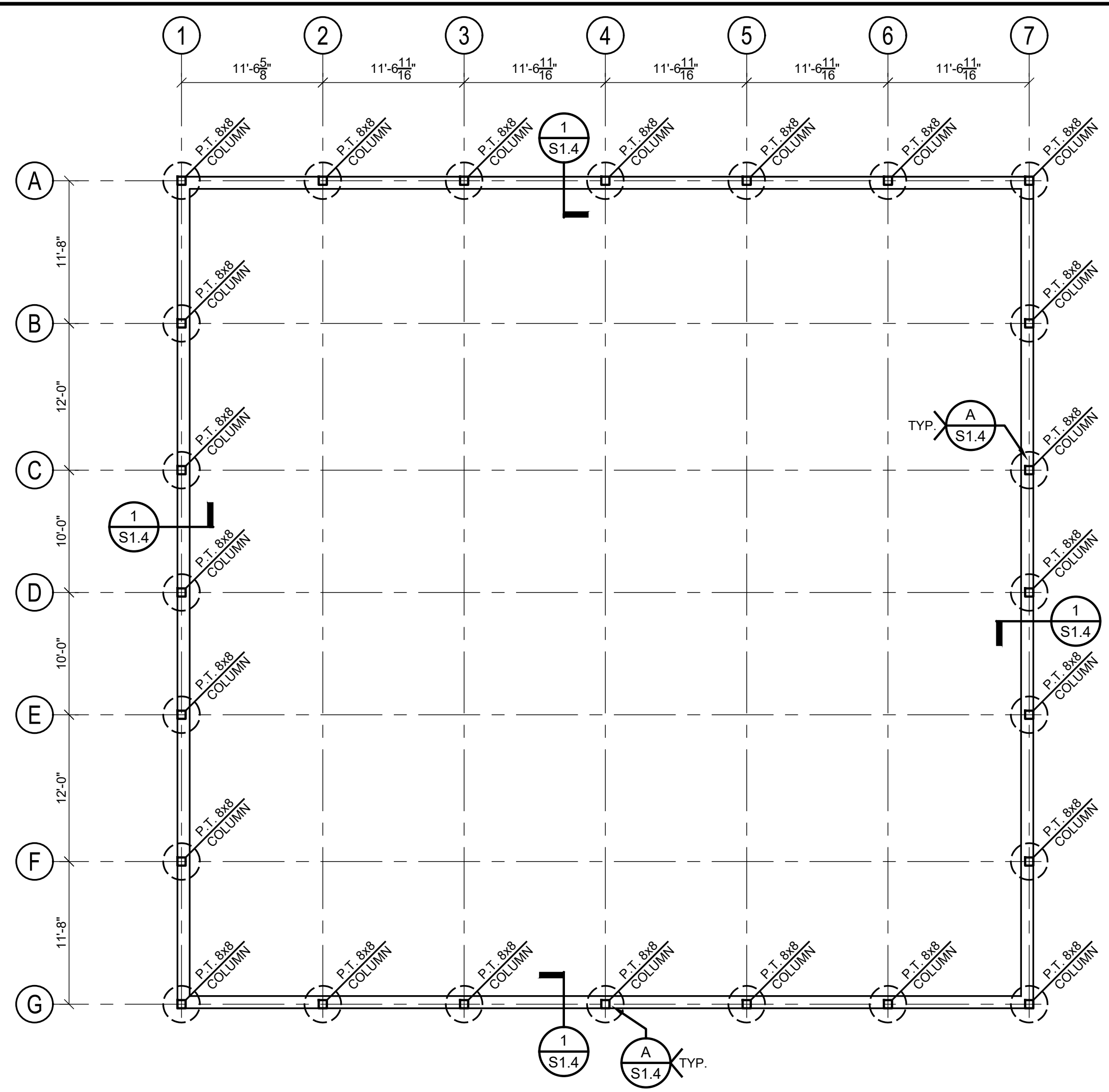




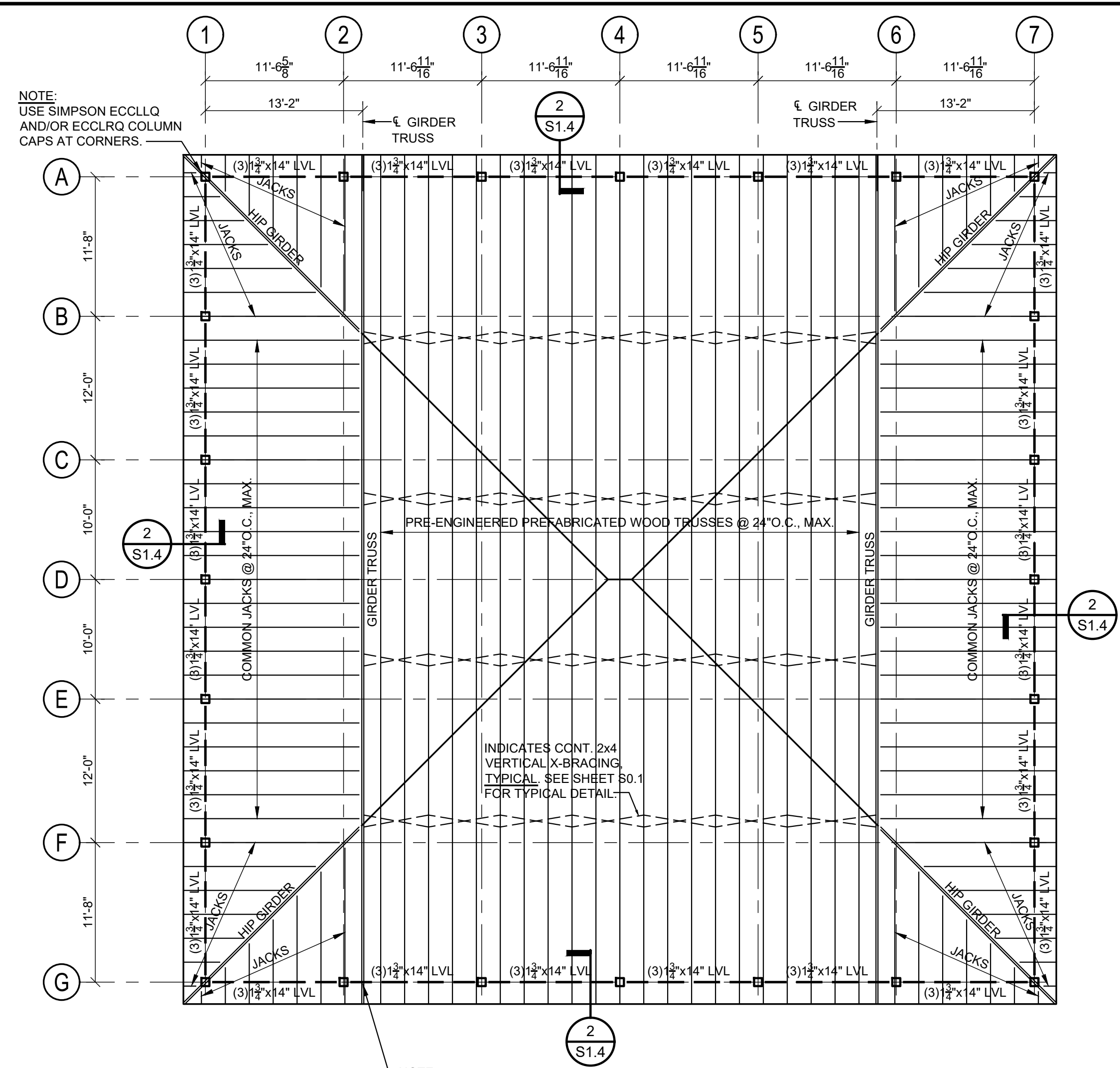
NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**McKee and Associates**  
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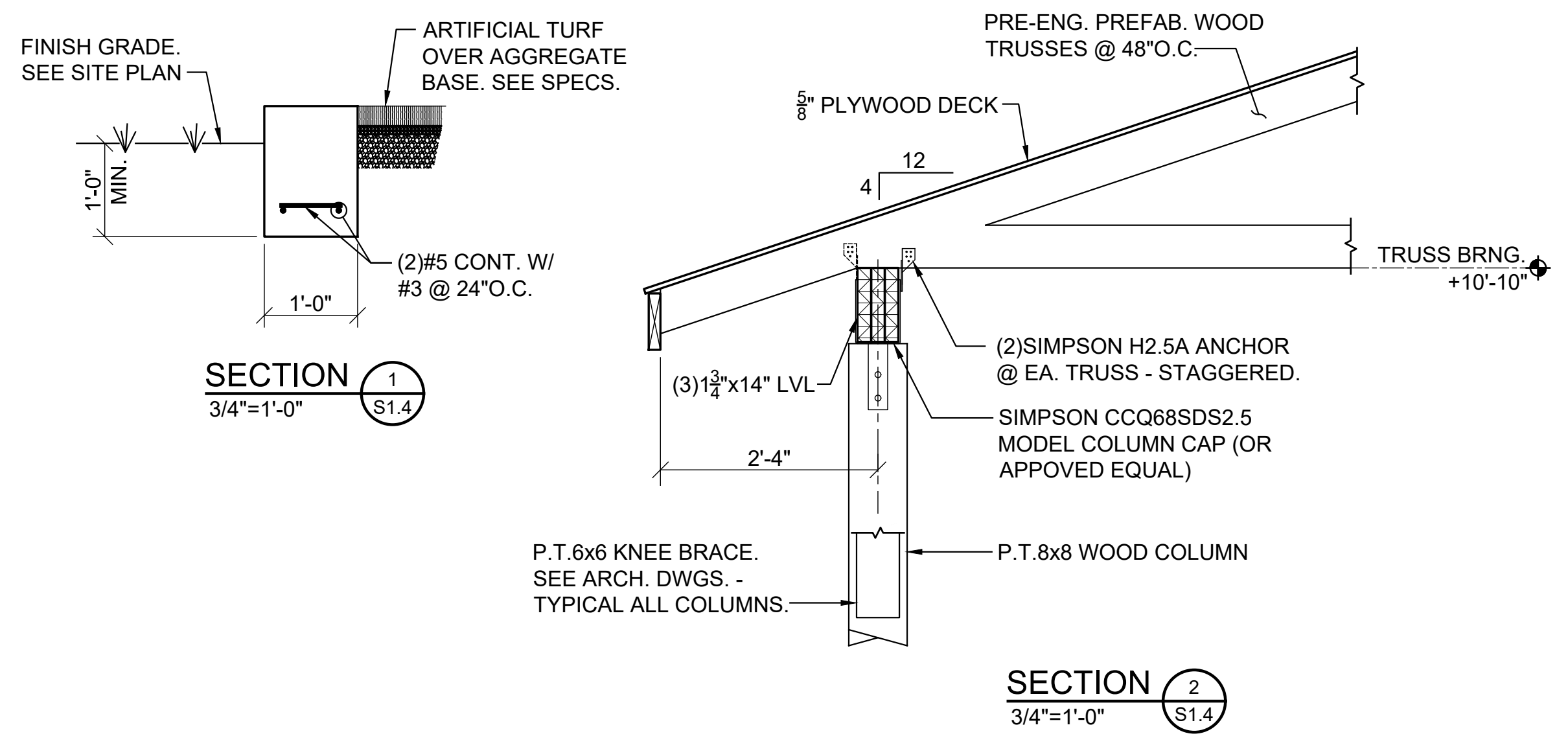
PROJECT NORTH  
**FOUNDATION PLAN - BATting SHELTER**  
SCALE: 1/8"=1'-0"



PROJECT NORTH  
**ROOF FRAMING PLAN - BATting SHELTER**  
SCALE: 1/8"=1'-0"

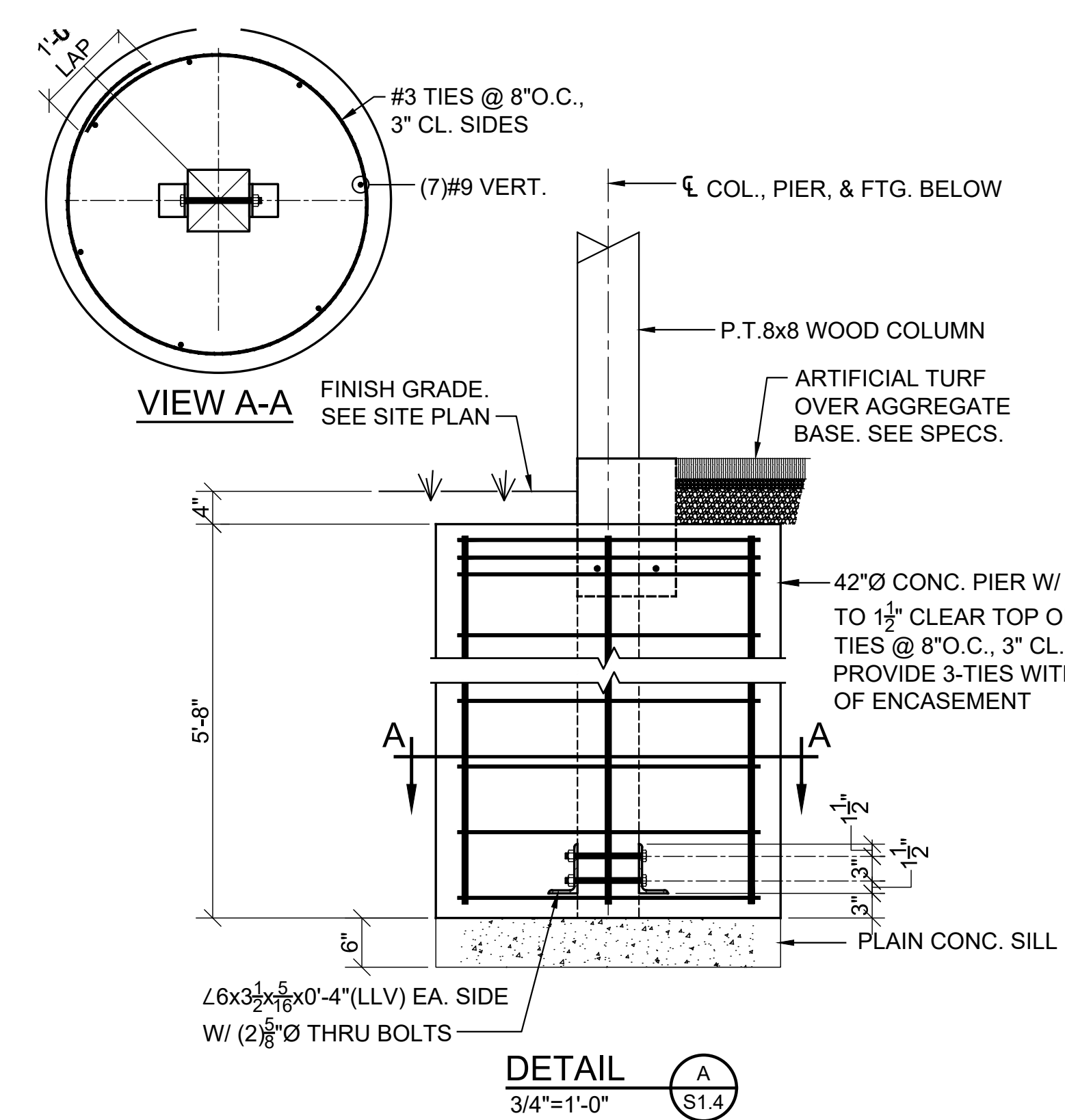
**ROOF CONSTRUCTION**  
3/4" THICK APA RATED PLYWOOD DECK, EXPOSURE 1, W/ PANEL IDENTIFICATION INDEX OF 40/20 OVER PRE-ENGINEERED PREFABRICATED WOOD TRUSSES @ 24" O.C., MAXIMUM.  
**NOTE:** PROVIDE PLYCLIPS @ MID SPAN BETWEEN TRUSSES & RAFTERS @ ALL JOINTS IN ADJACENT ROOF DECK SHEETS.

**NOTE:** THE MINIMUM ACCEPTABLE ANCHORAGE (OR EQUIVALENT) FOR GIRDER TRUSSES IS AS FOLLOWS: FOR (2) PLY GIRDER TRUSS, USE SIMPSON LGT-2 ANCHOR EA. SIDE & W/ #9x1 1/2 SD SCREWS. FOR (3) OR (4) PLY GIRDER TRUSSES, USE SIMPSON LGT3 / LGT4 ANCHOR ONE SIDE & (1) OR (2) H8 ANCHORS OPPOSITE SIDE AS REQ'D. SEE WOOD GENERAL NOTE "14" ON SHT. S0.1 FOR ADD'L. INFO.



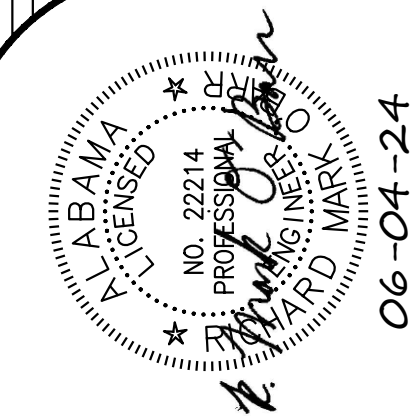
**SECTION 1**  
3/4"=1'-0"

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



**DETAIL A**  
3/4"=1'-0"

SHEET TITLE : BATting SHELTER FOUNDATION AND ROOF FRAMING PLANS  
MCKEE JOB # : 23-199  
DRAWN BY : R.Casey  
DATE : 06.04.24  
REVISED DATE :  
REVISED DATE :  
REVISED DATE :



SHEET NO. : **S1.4**

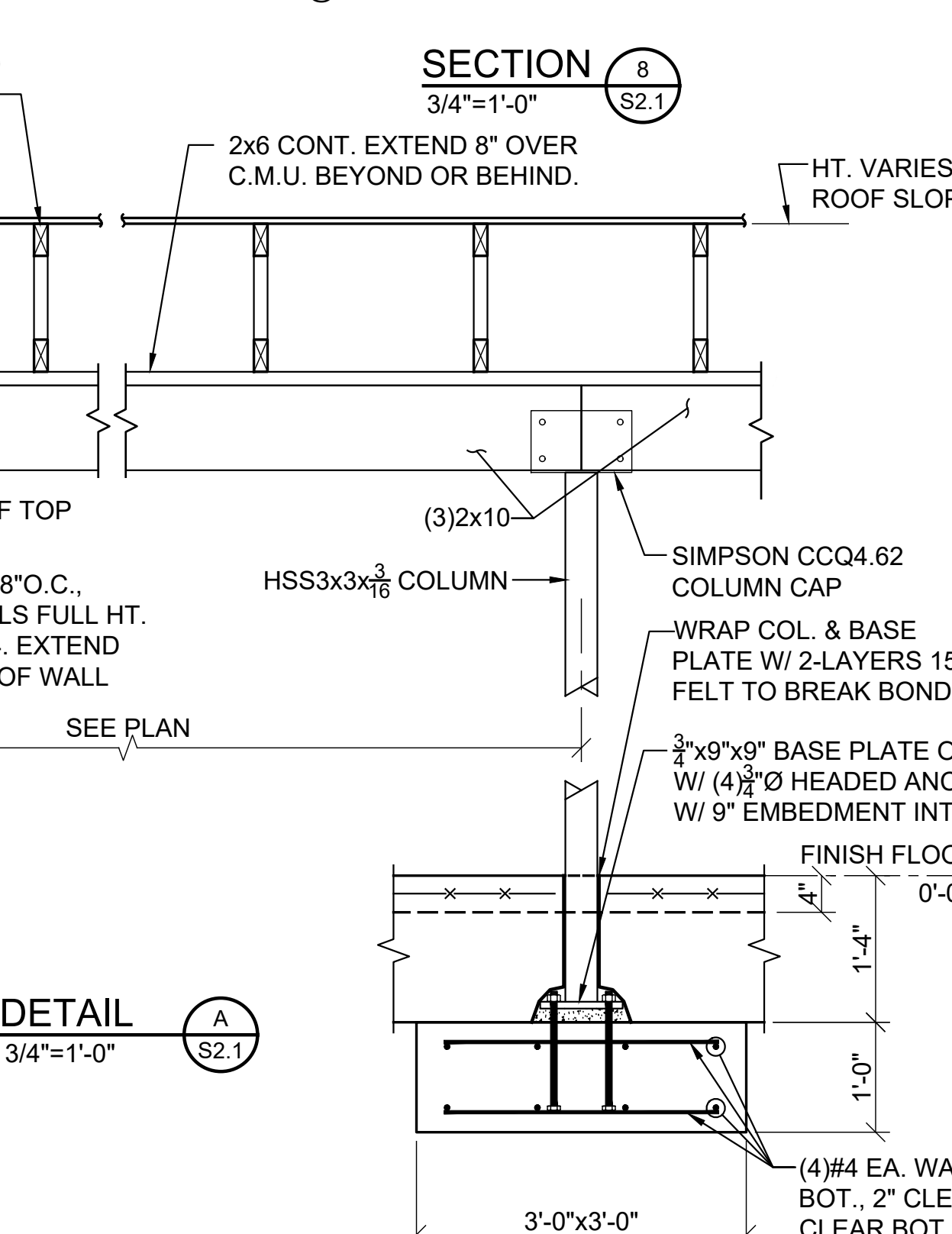
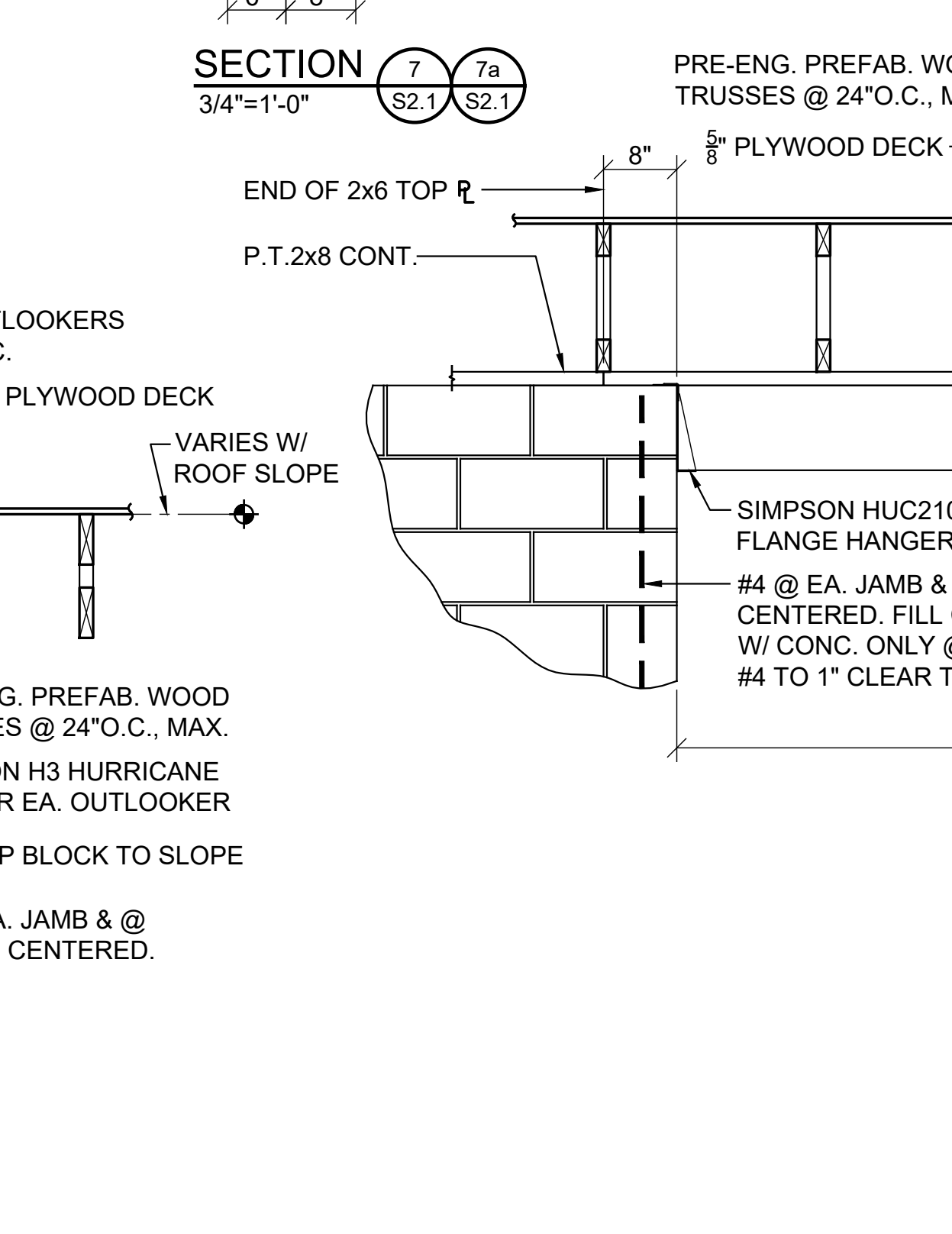
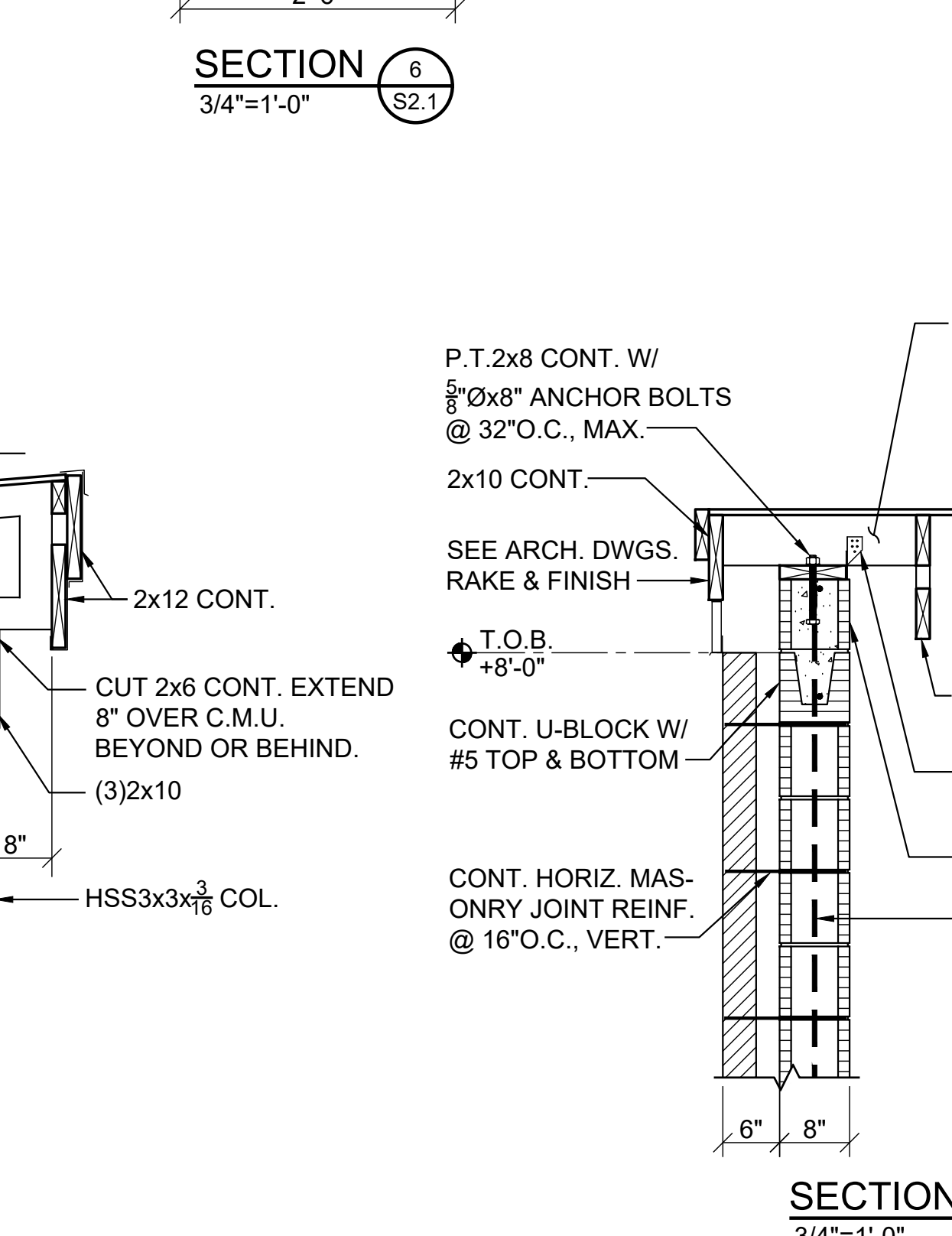
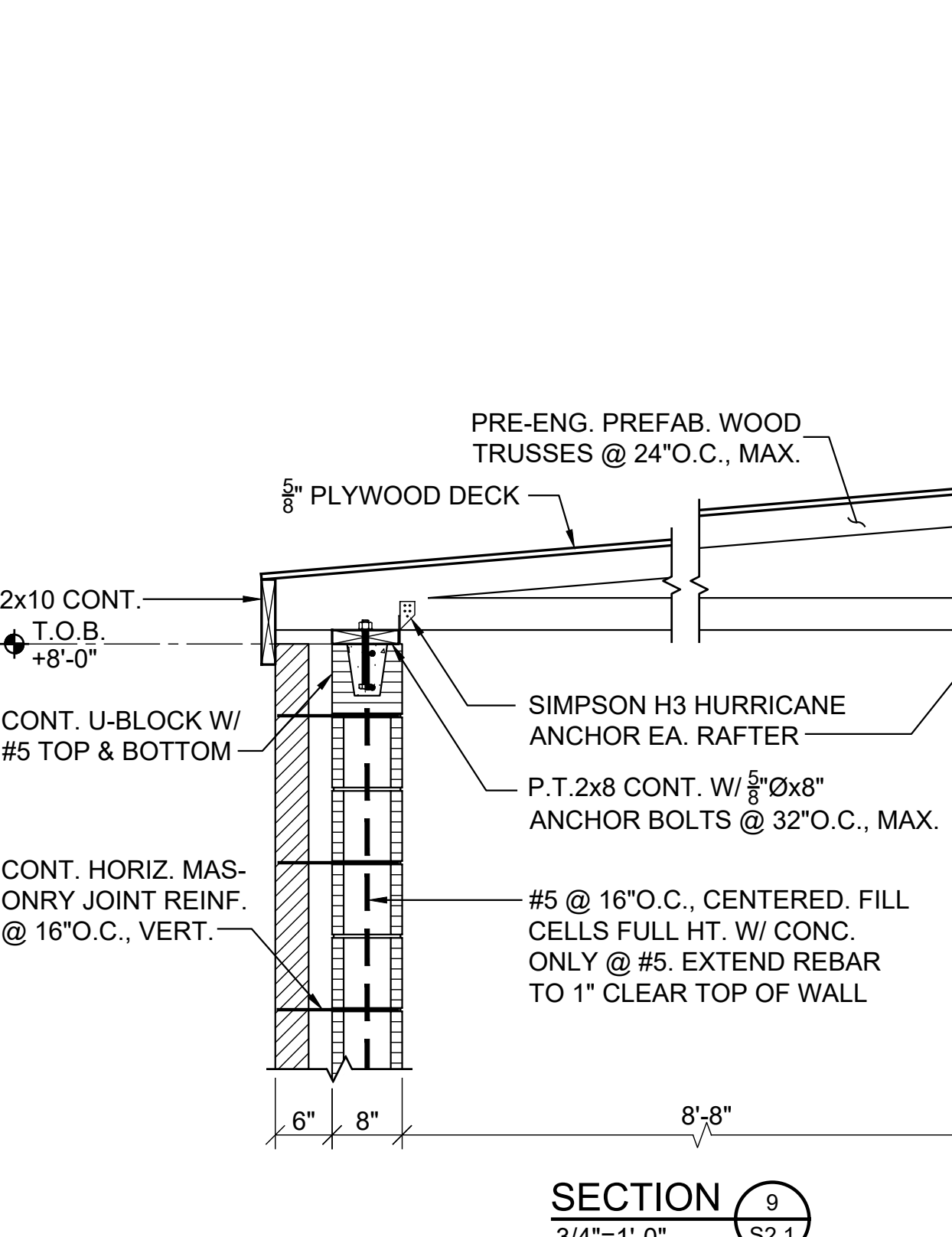
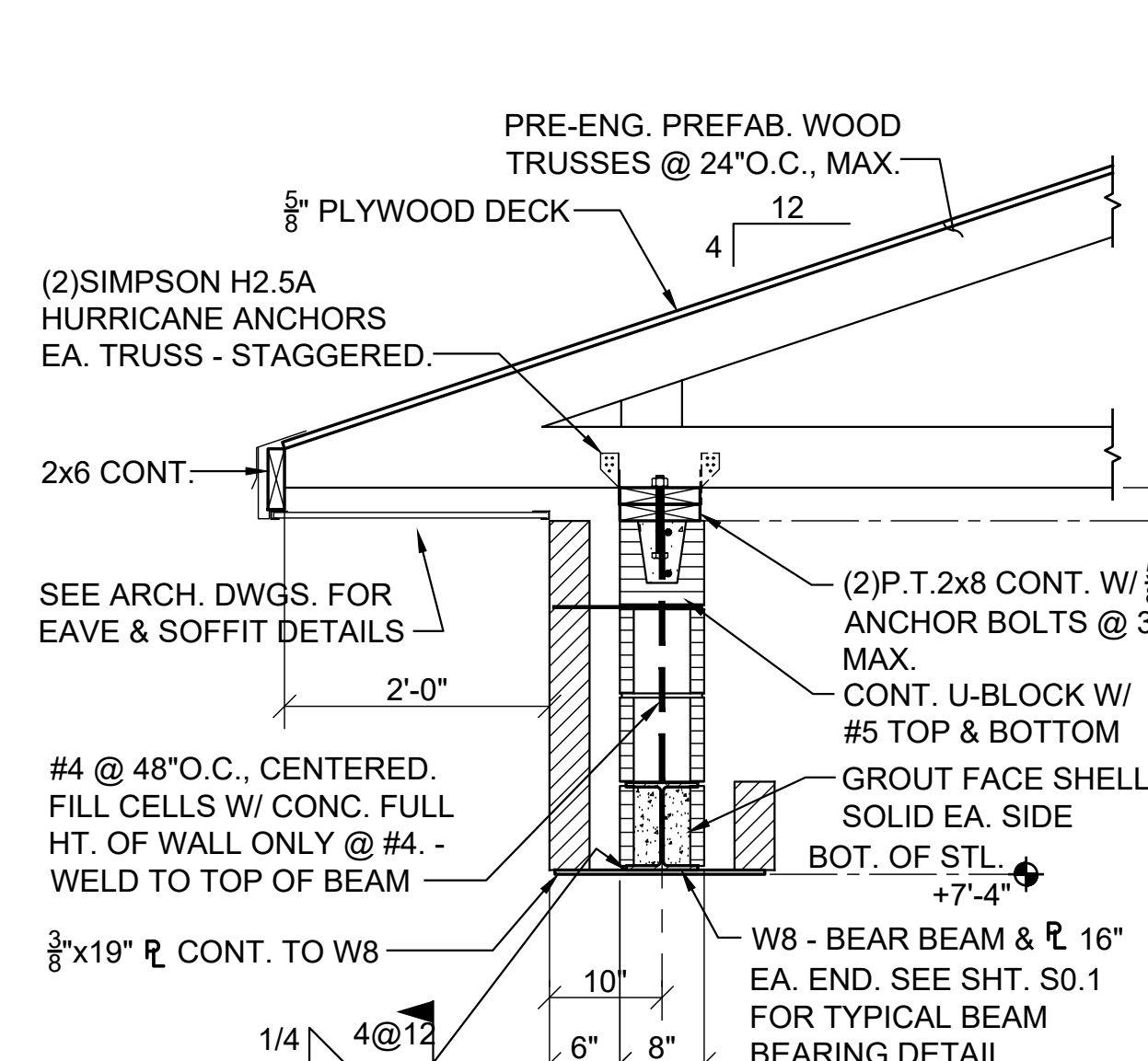
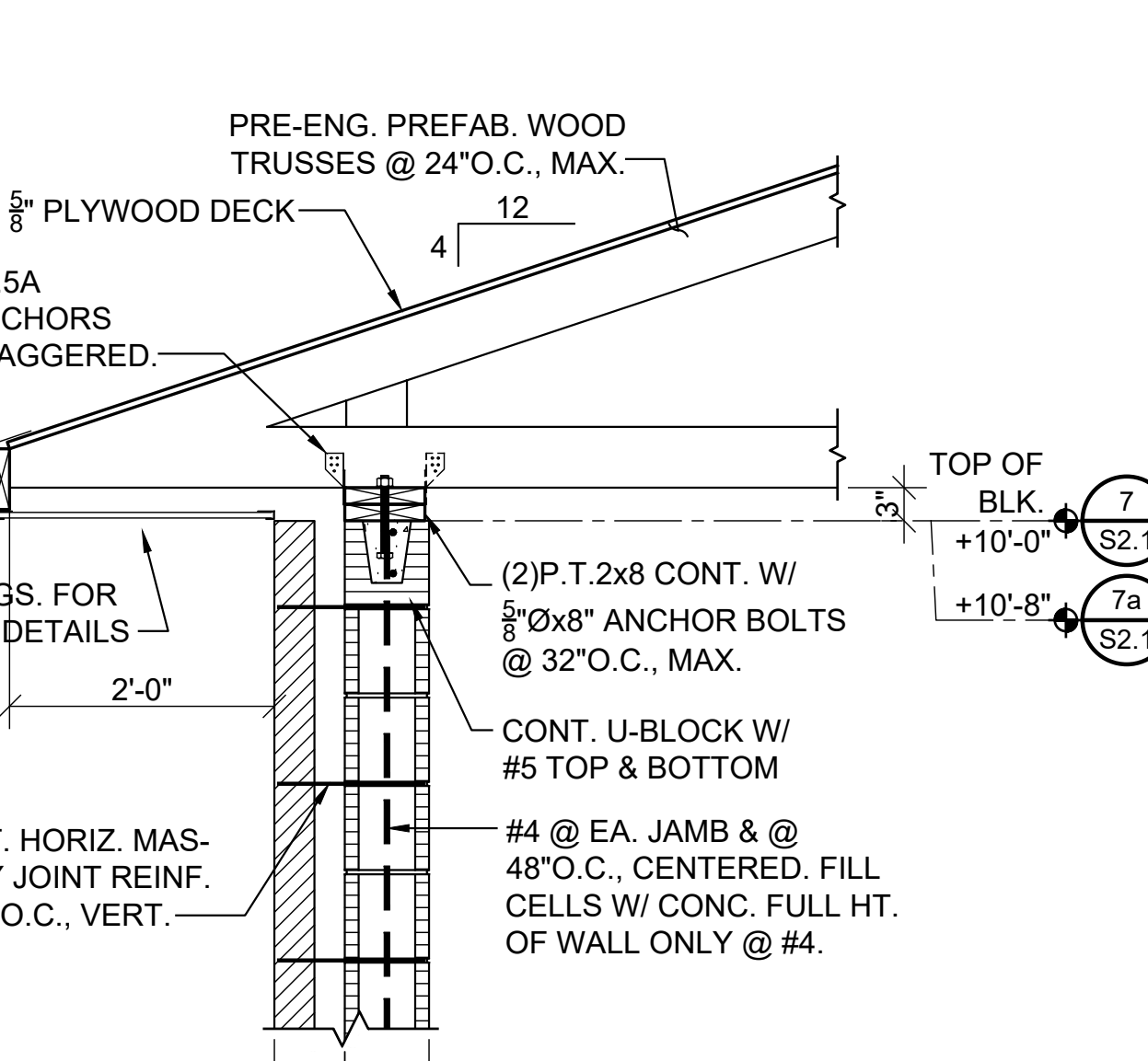
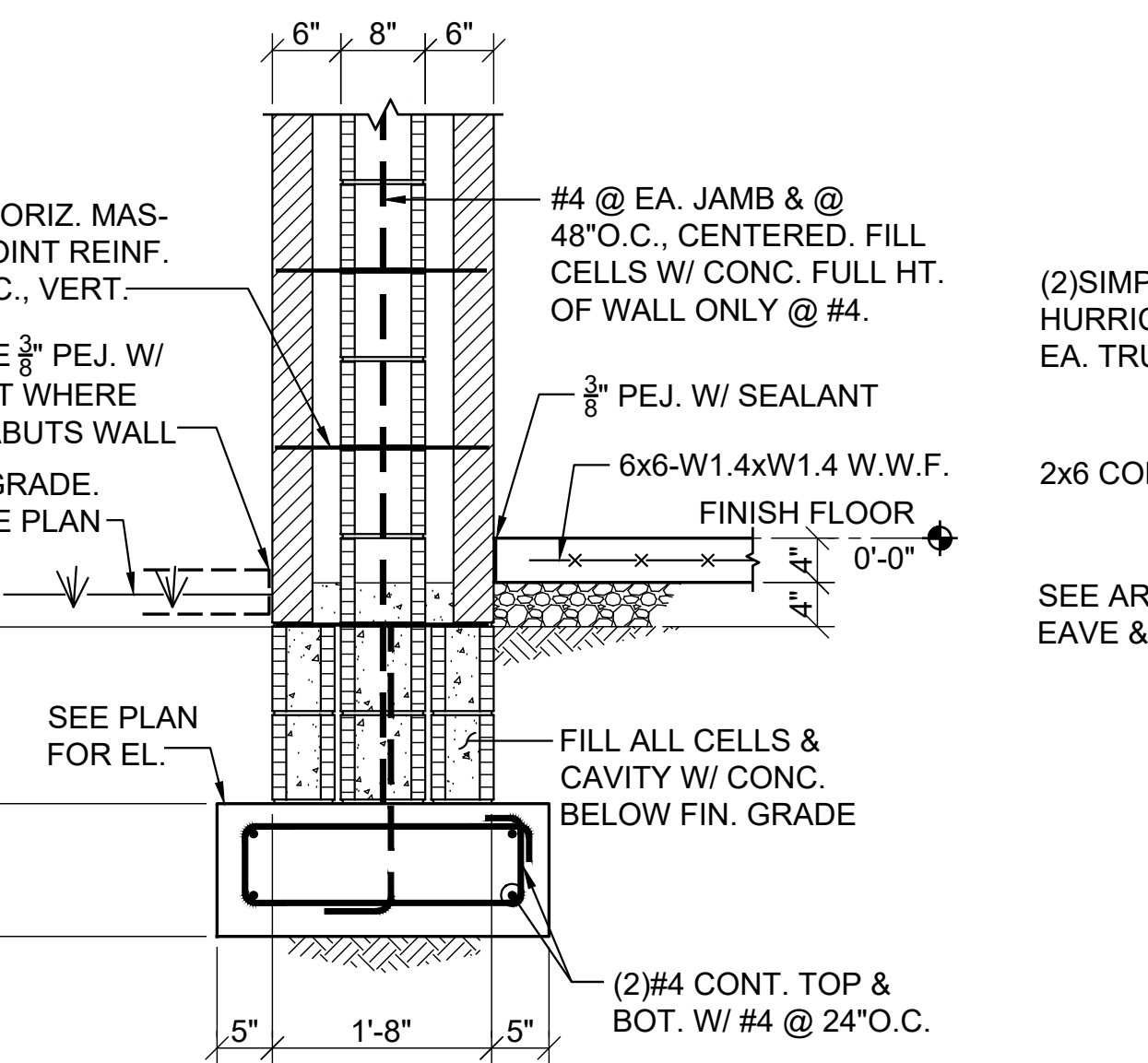
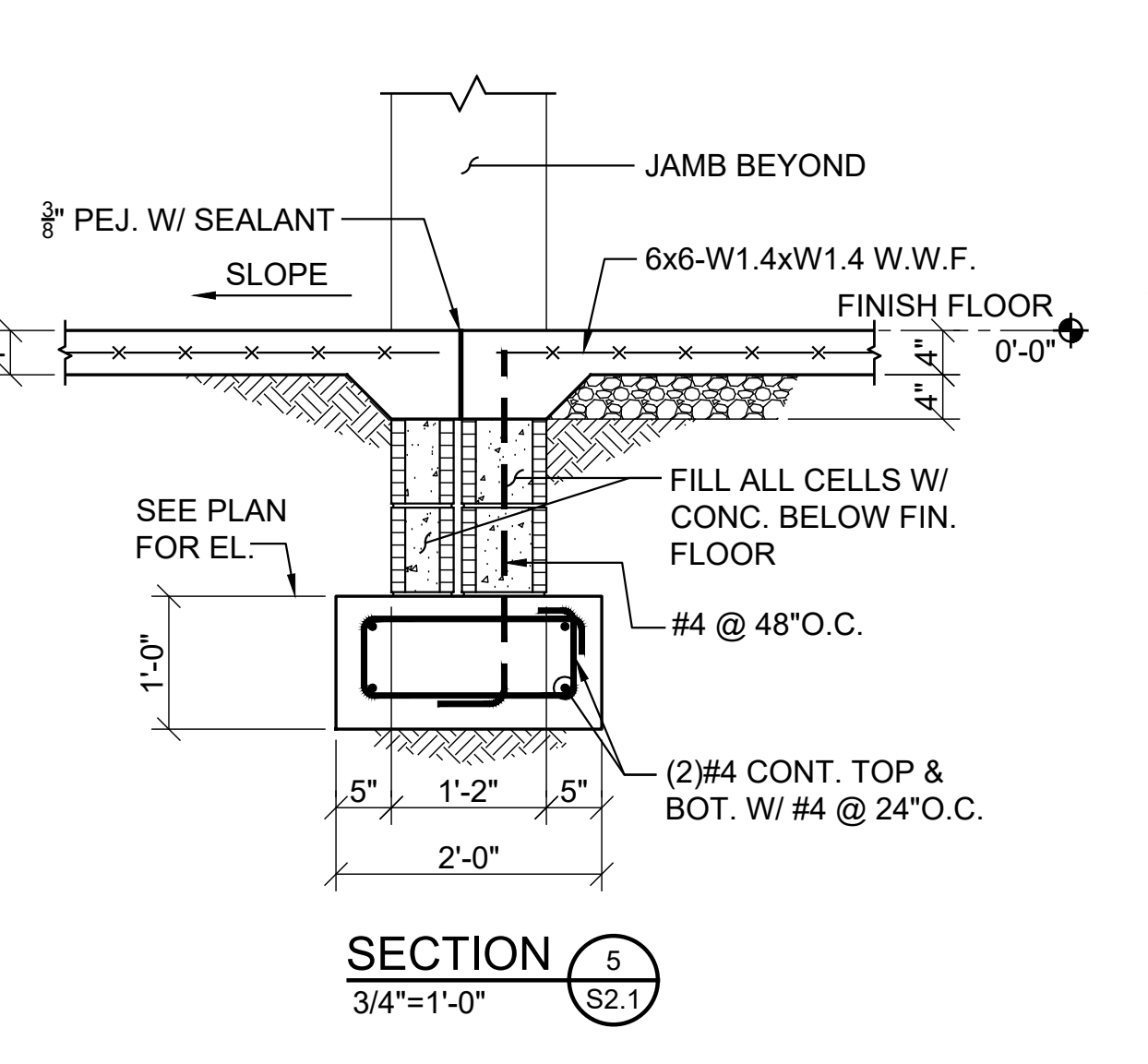
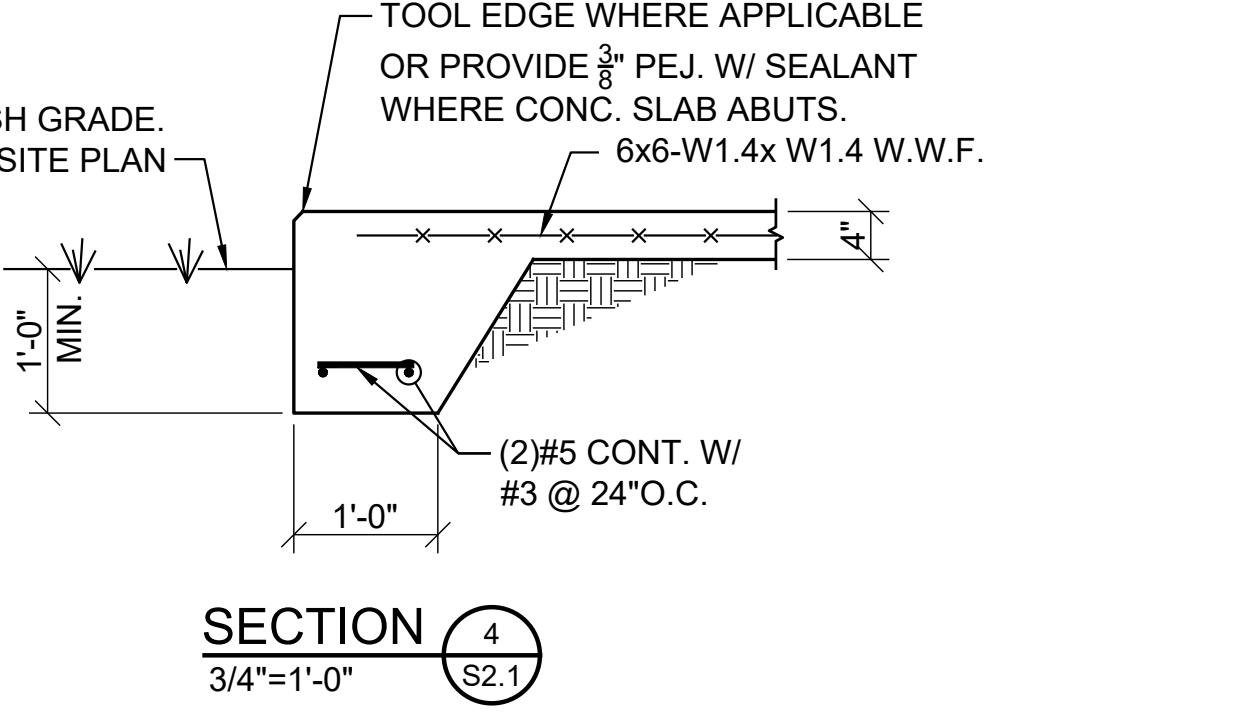
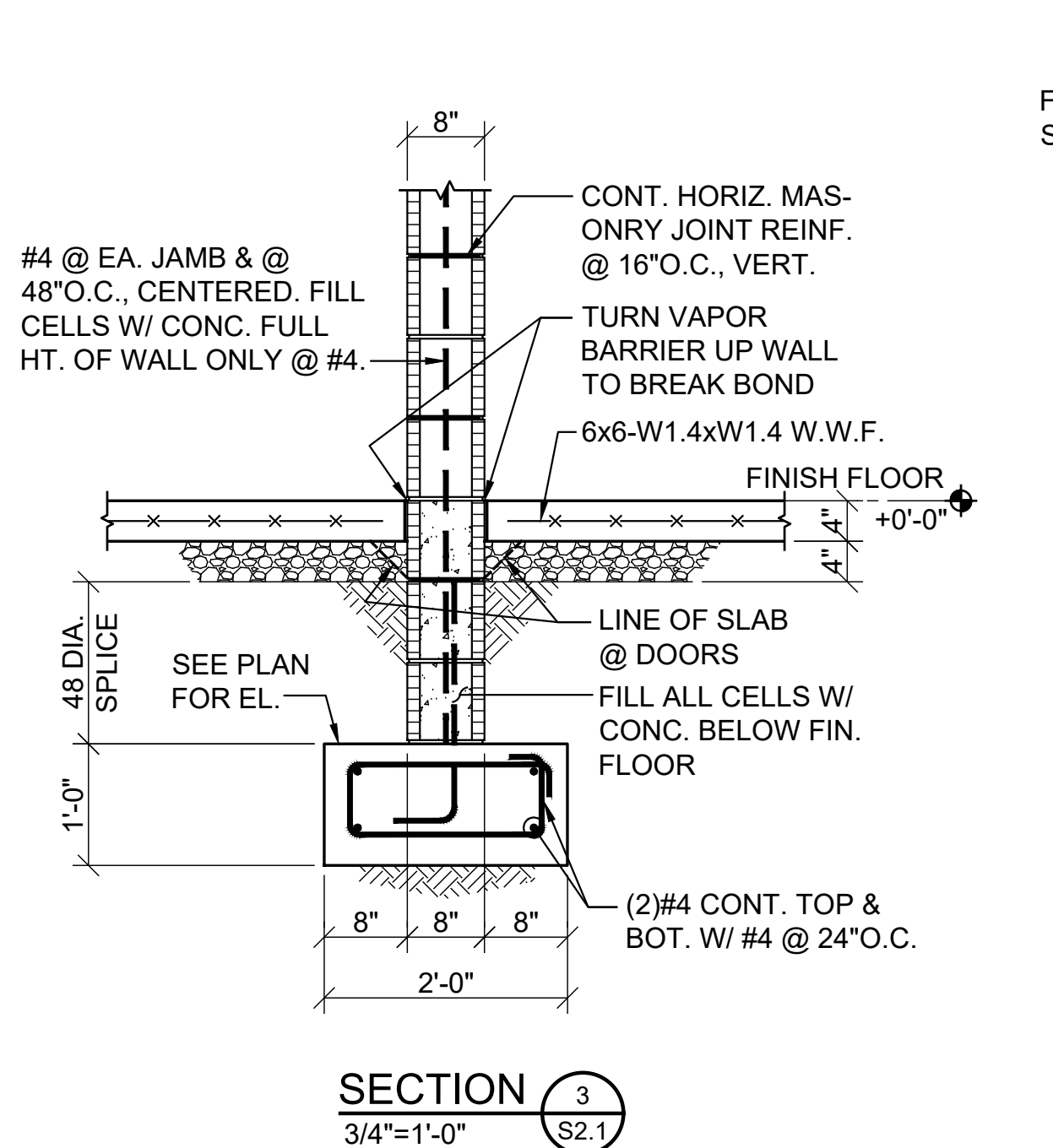
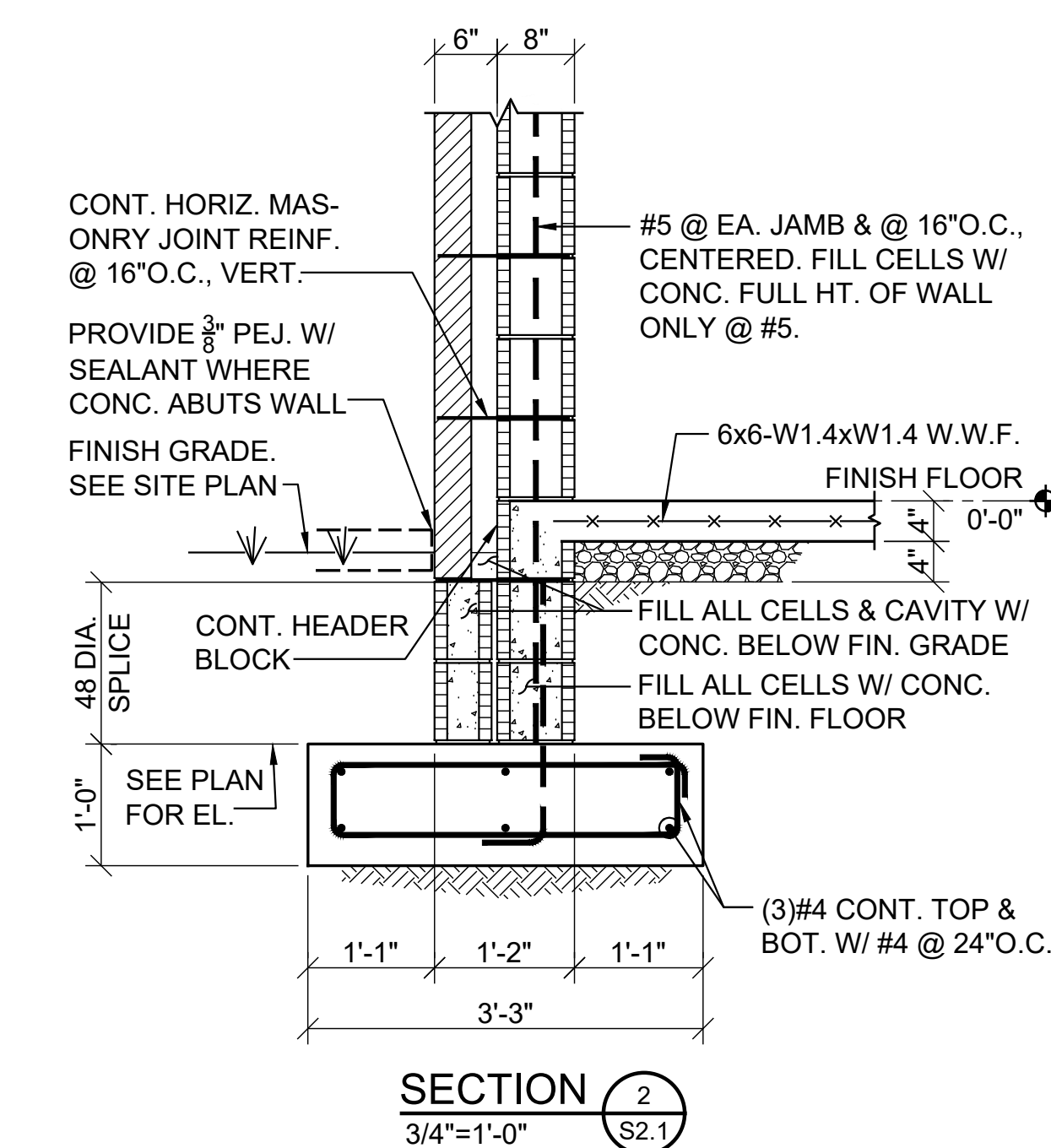
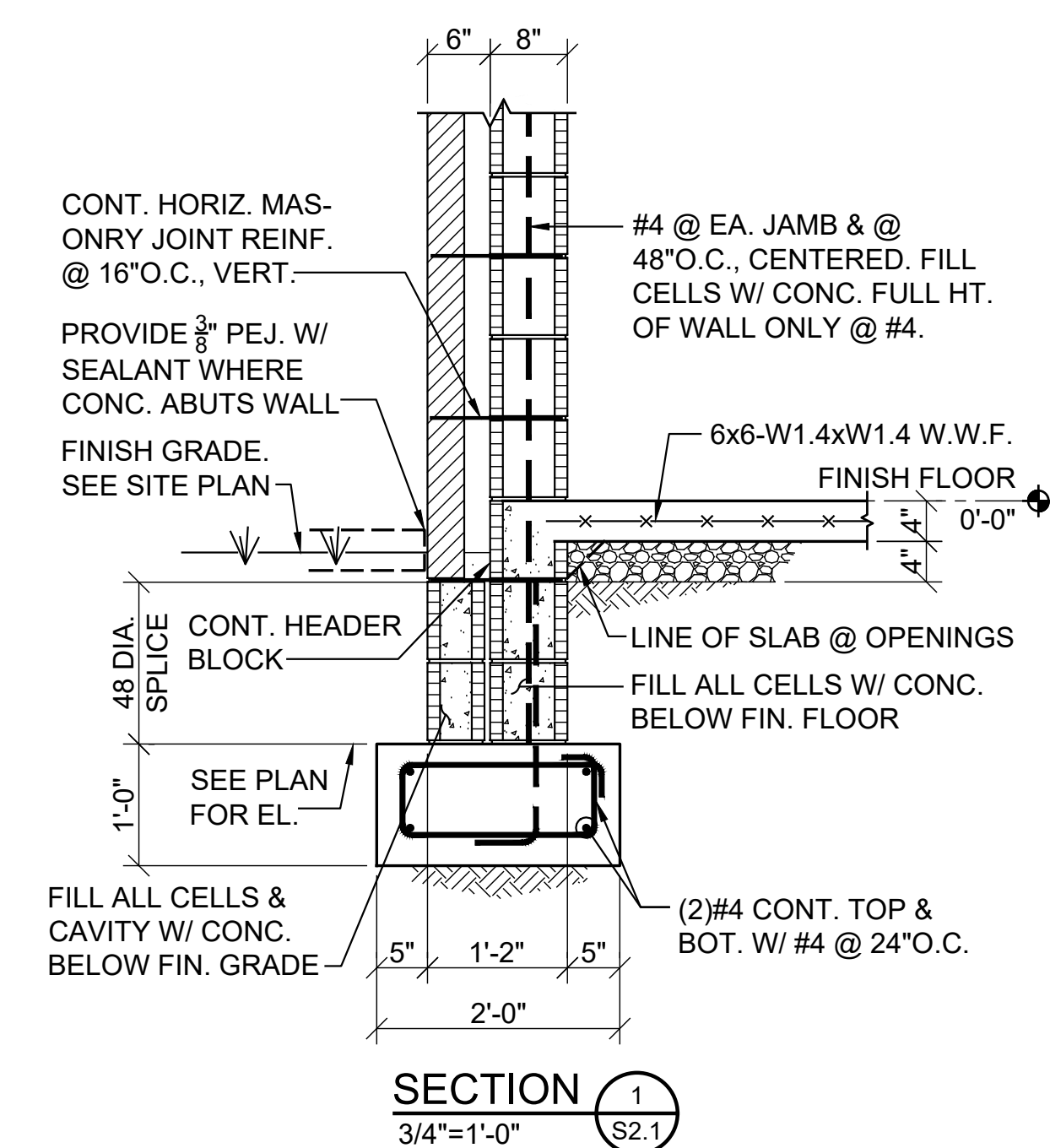
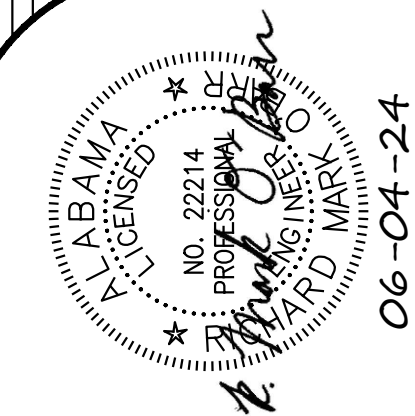




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SECTION 1  
3/4"=1'-0" S2.1

SECTION 2  
3/4"=1'-0" S2.1

SECTION 3  
3/4"=1'-0" S2.1

SECTION 4  
3/4"=1'-0" S2.1

SECTION 5  
3/4"=1'-0" S2.1

SECTION 6  
3/4"=1'-0" S2.1

SECTION 7  
3/4"=1'-0" S2.1

SECTION 8  
3/4"=1'-0" S2.1

SECTION 9  
3/4"=1'-0" S2.1

SECTION 10  
3/4"=1'-0" S2.1

SECTION 7a  
3/4"=1'-0" S2.1

SECTION 8a  
3/4"=1'-0" S2.1

DETAIL A  
3/4"=1'-0" S2.1

SHEET TITLE : SECTIONS AND DETAILS

MCKEE JOB # : 23-199

DRAWN BY : R. Casey

DATE : 06.04.24

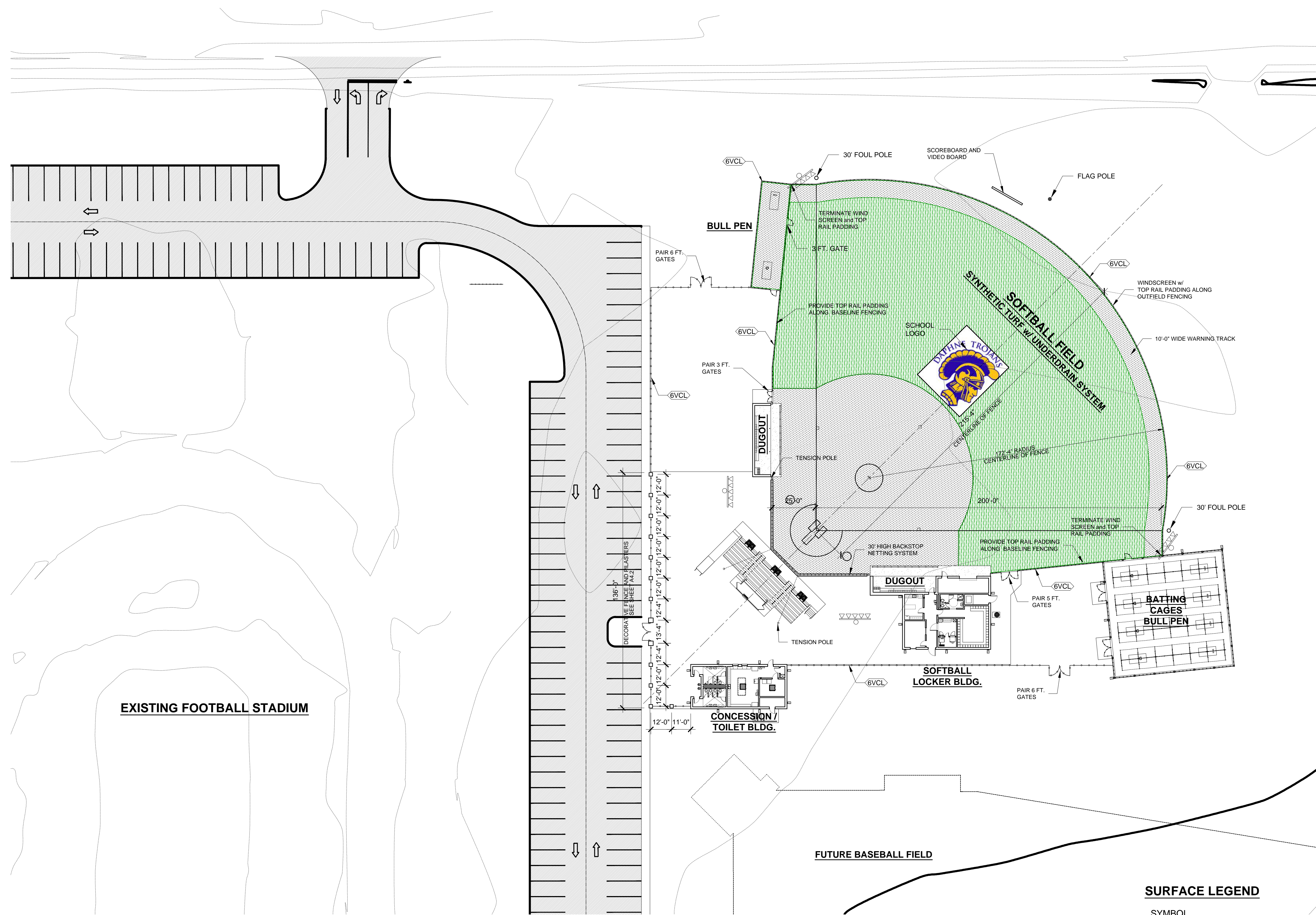
REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : S2.1





EXISTING FOOTBALL STADIUM

FUTURE BASEBALL FIELD

PROJECT NORTH  
**SITE PLAN**  
 SCALE: 1"=30'

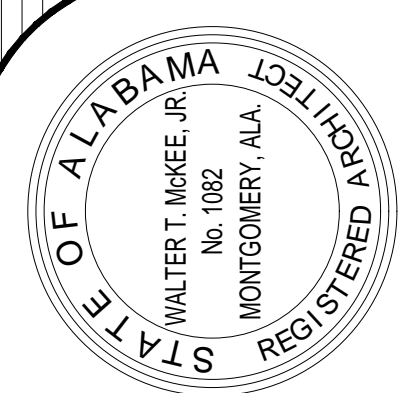
**SURFACE LEGEND**

SYMBOL	DESCRIPTION
[Green hatched box]	SYNTHETIC OUTFIELD TURF WITH UNDERDRAIN SYSTEM-SEE SPECIFICATIONS
[Grey hatched box]	SYNTHETIC INFIELD TURF WITH UNDERDRAIN SYSTEM-SEE SPECIFICATIONS



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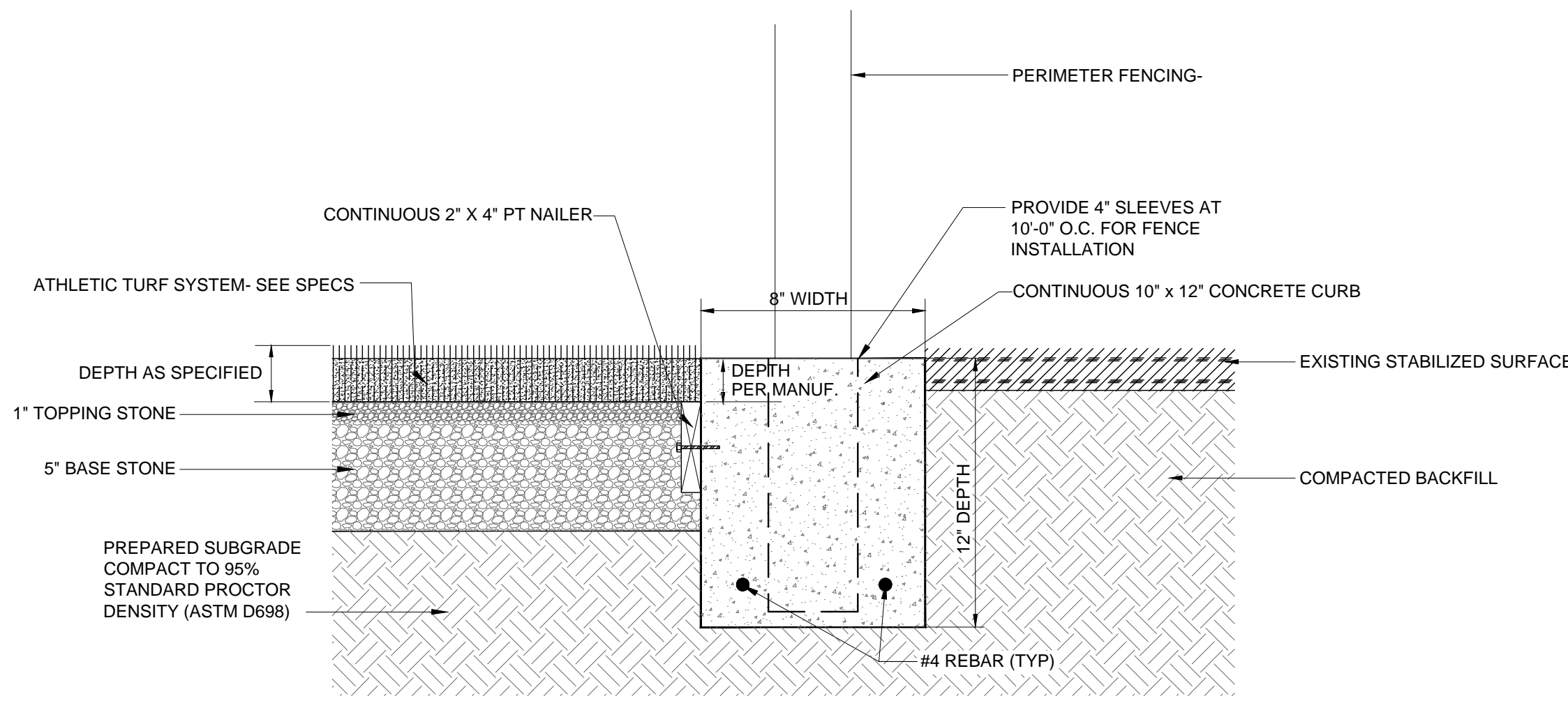
**MCKEE and ASSOCIATES**  
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 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



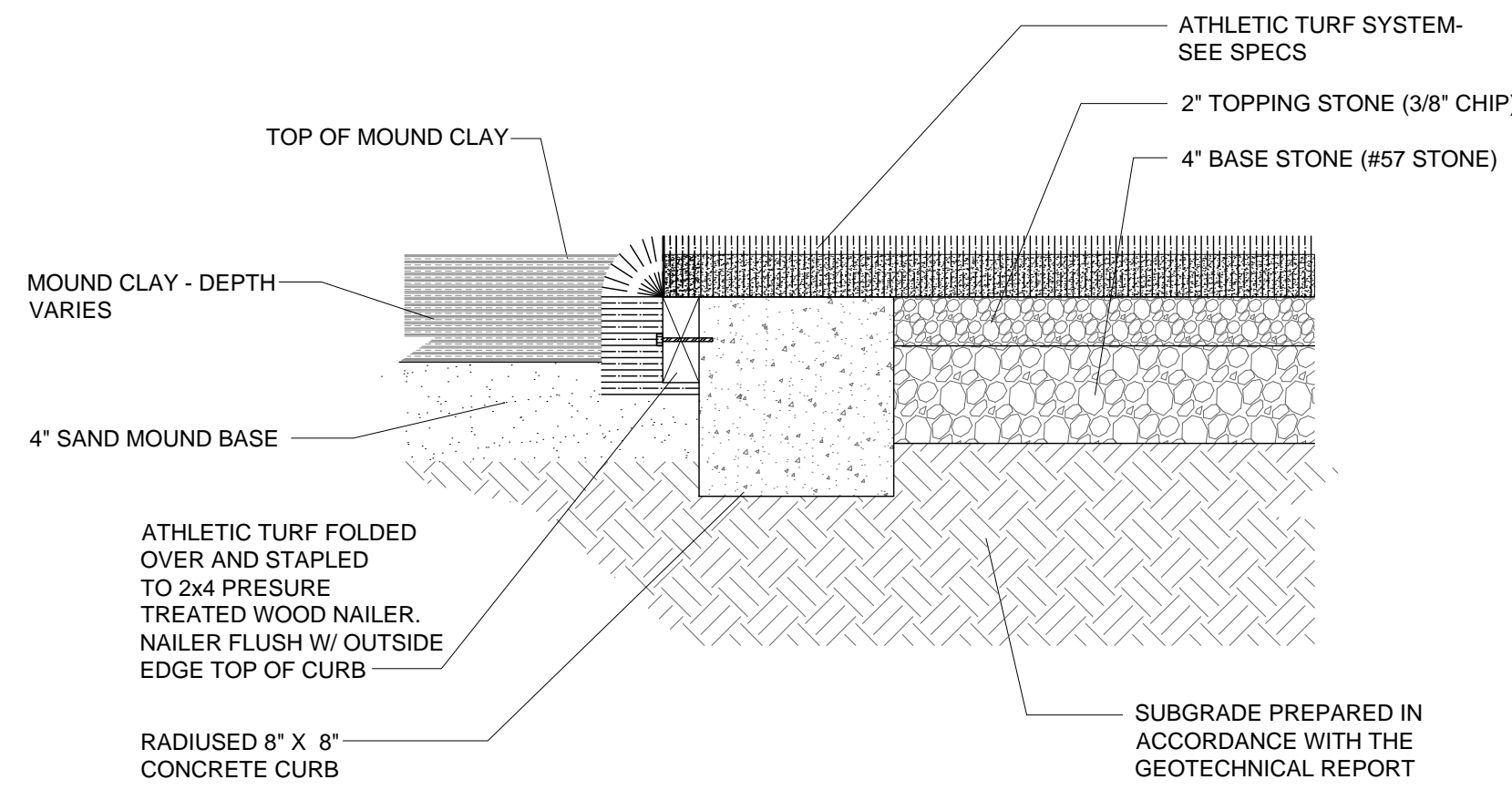
SHEET TITLE : SITE PLAN  
 MCKEE JOB # : 23-199  
 DRAWN BY : JRB  
 DATE : MAY 23, 2024  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :

SHEET NO. : **A0.1**

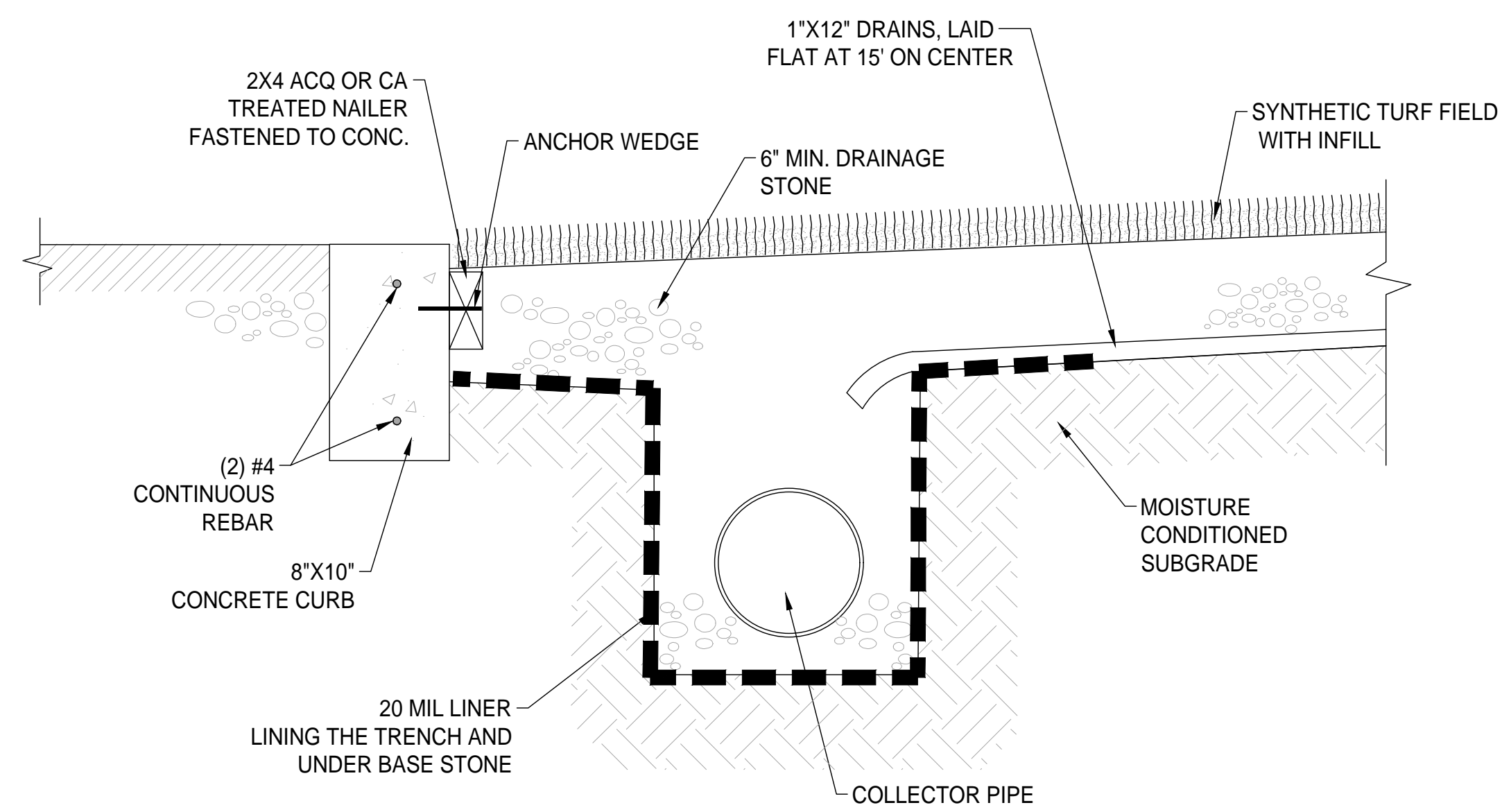




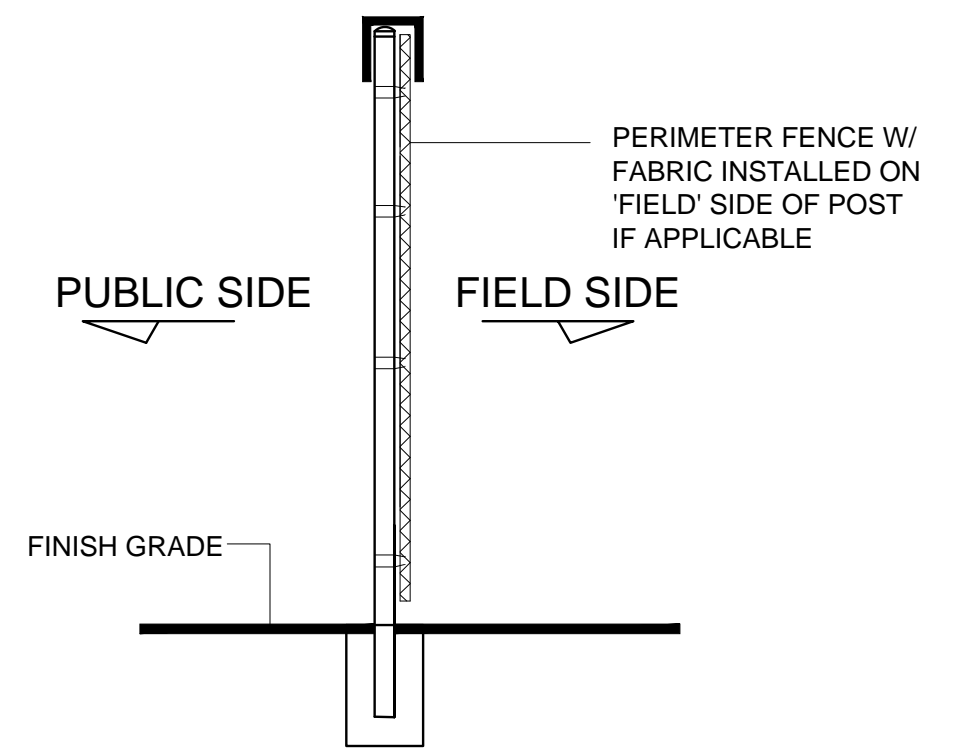
**SYNTHETIC TURF EDGE DETAIL  
at PERIMETER FENCE**  
SCALE: NTS



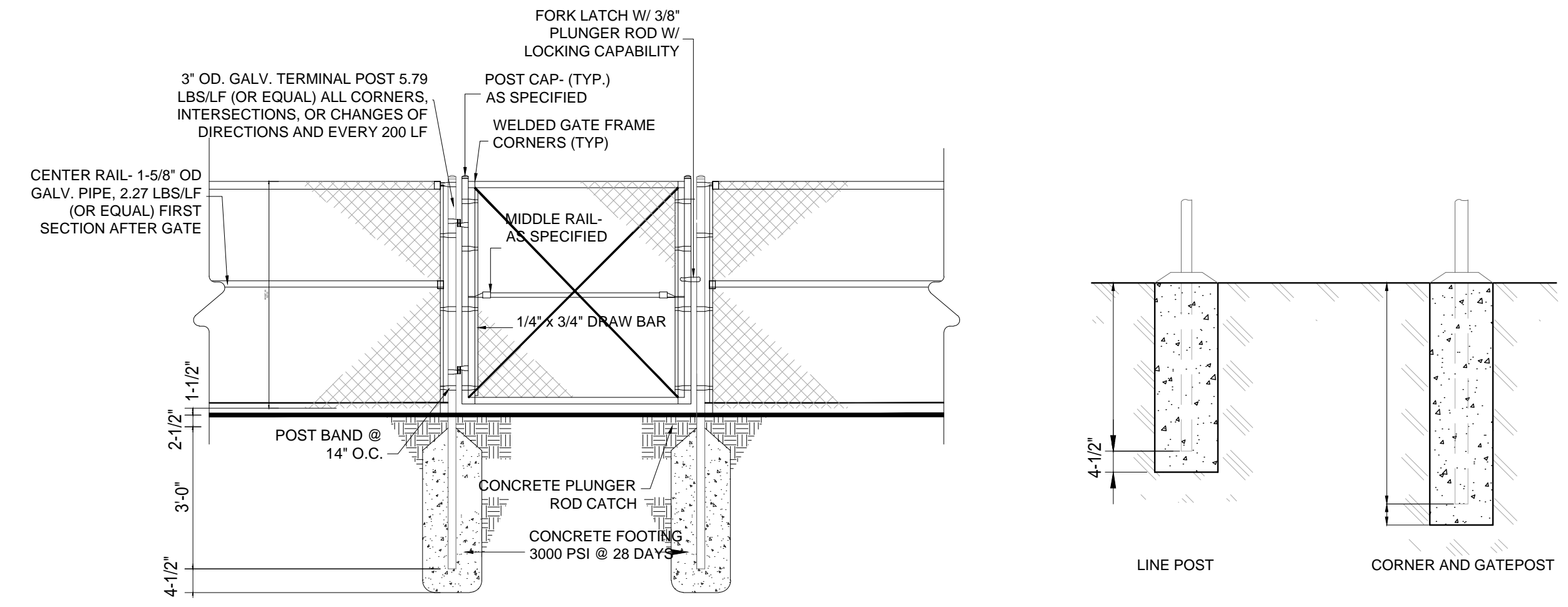
**SYNTHETIC TURF EDGE DETAIL  
@ PITCHERS MOUND**  
SCALE: NTS



**COLLECTOR DRAIN DETAIL**  
SCALE: NONE

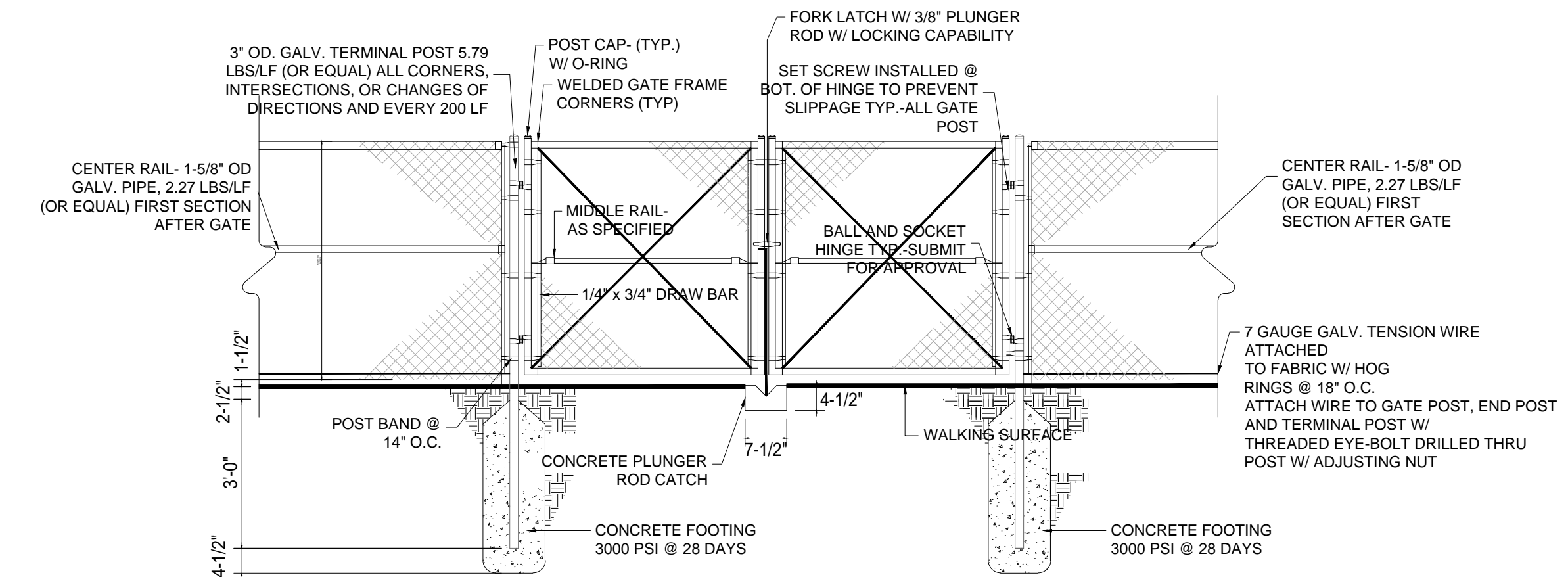


**WINDSCREEN and PADDING**  
SCALE: NONE

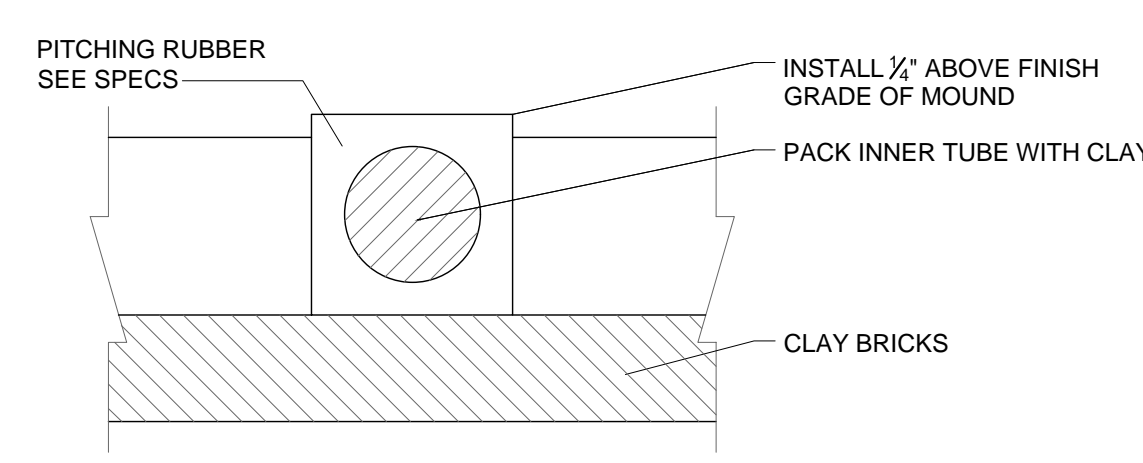


**WALK GATE DETAIL**  
not to scale

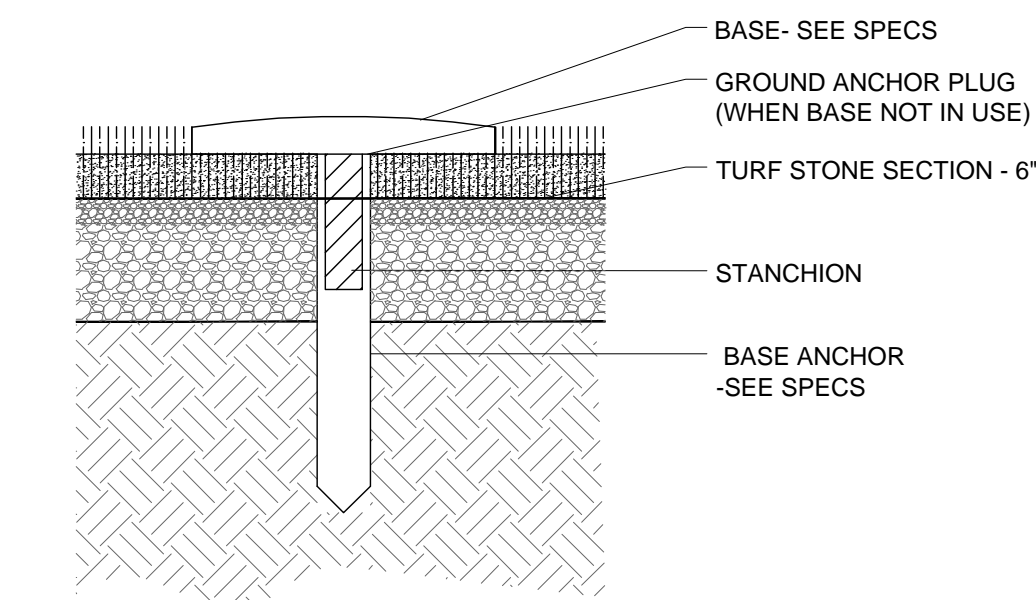
**TYPICAL FOOTING DETAILS**  
not to scale



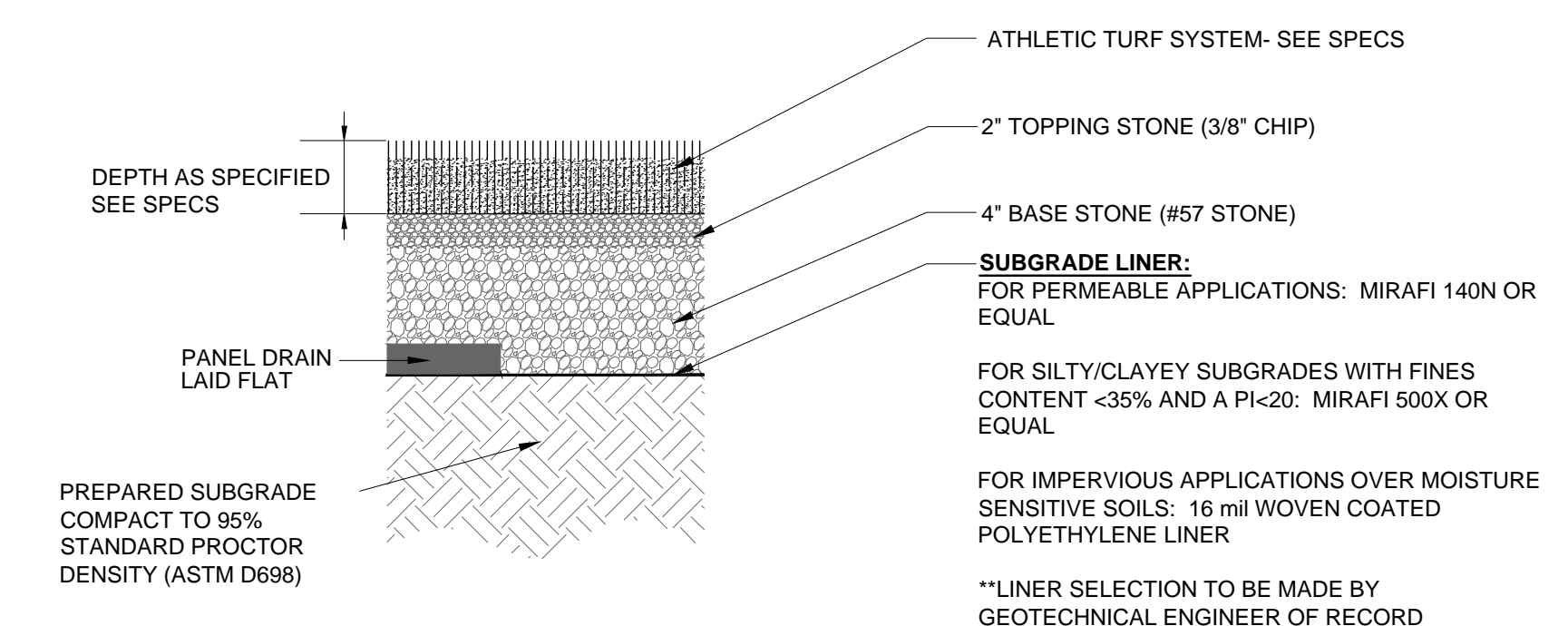
**DOUBLE HUNG GATE DETAIL**  
not to scale



**PITCHER'S RUBBER DETAIL**  
SCALE: NTS



**BASE ANCHOR DETAIL**  
SCALE: NTS

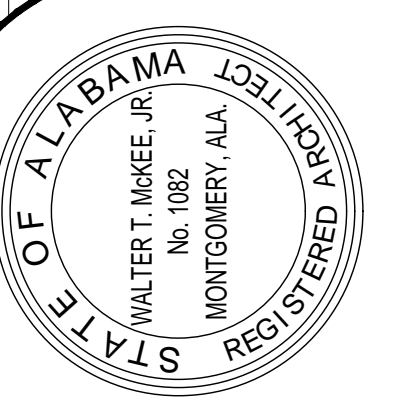


**SYNTHETIC TURF SECTION**  
SCALE: NTS



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631 SOUTH HULL STREET, MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE: FIELD SURFACE DETAILS

MCKEE JOB #: 23-199

DRAWN BY: JRB

DATE: JUNE 04, 2024

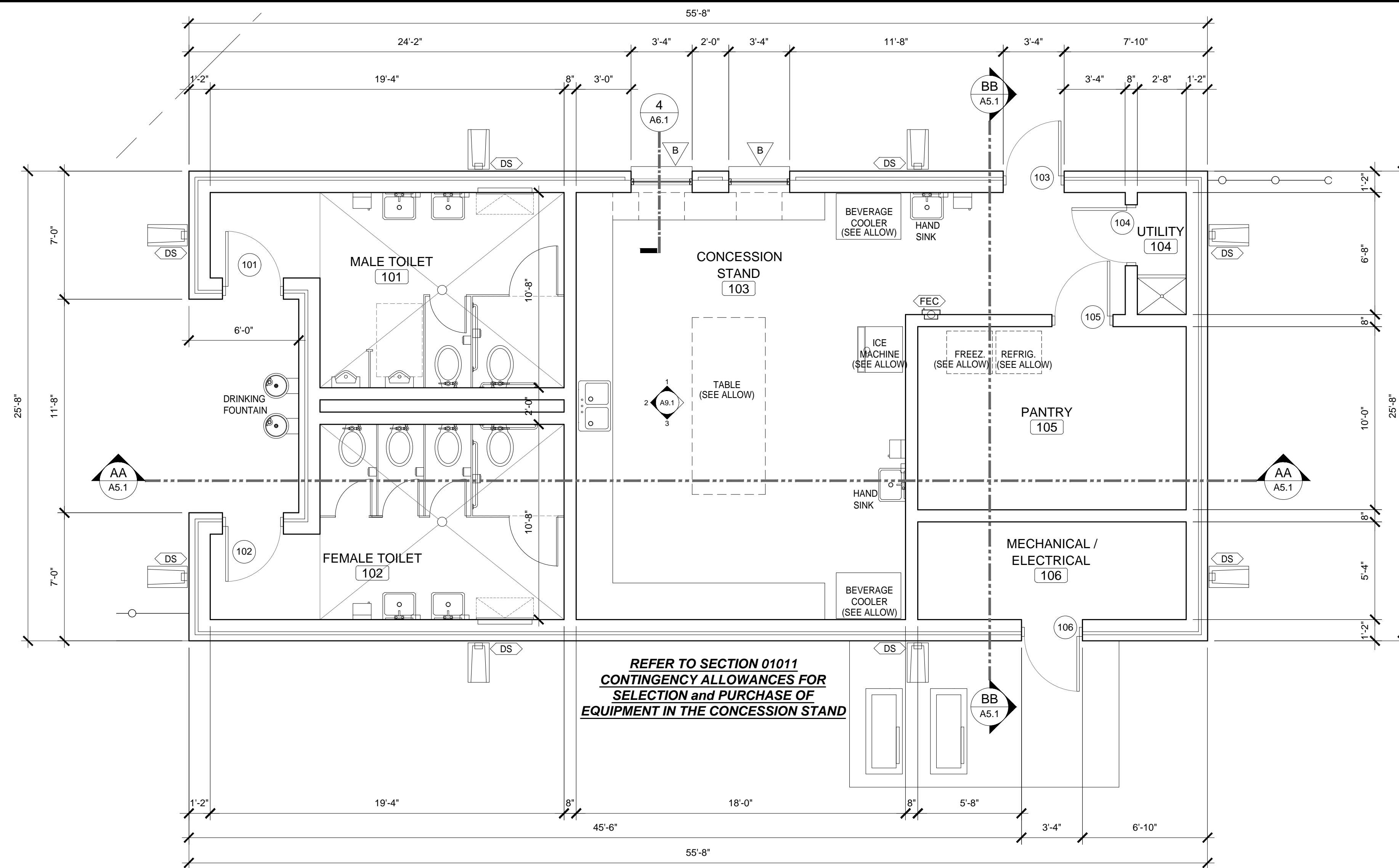
REVISED DATE:

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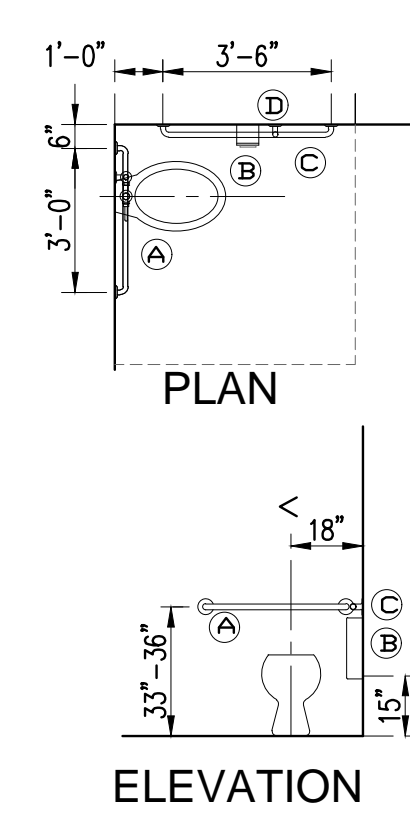
SHEET NO.: **A0.2**





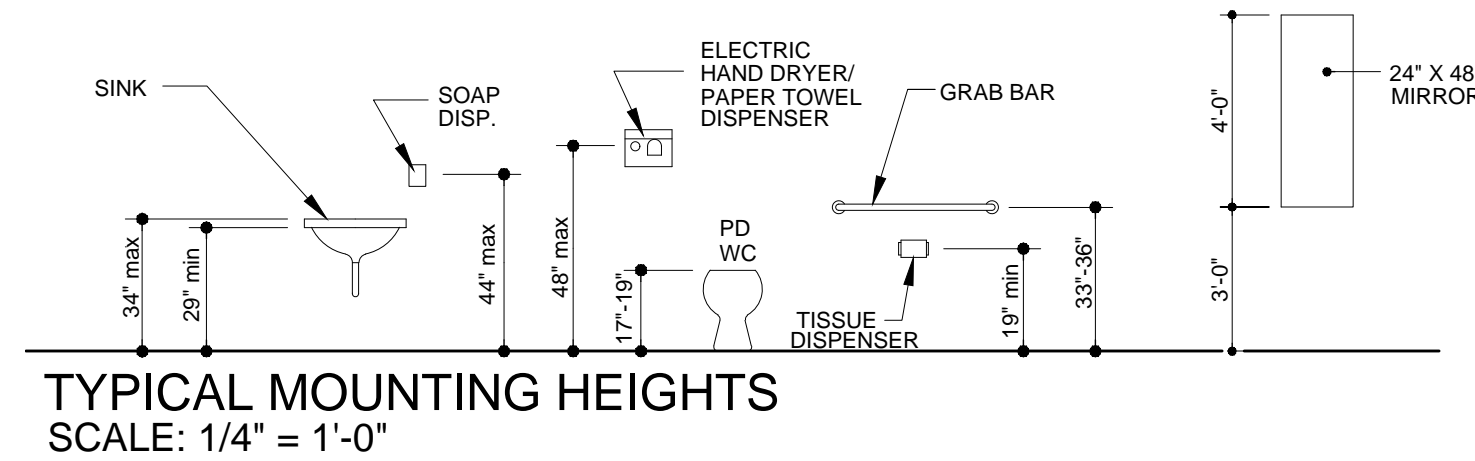
**CONCESSION / TOILET BUILDING**  
SCALE: 1/4"=1'-0"

REFER TO SECTION 01011  
CONTINGENCY ALLOWANCES FOR  
SELECTION and PURCHASE OF  
EQUIPMENT IN THE CONCESSION STAND

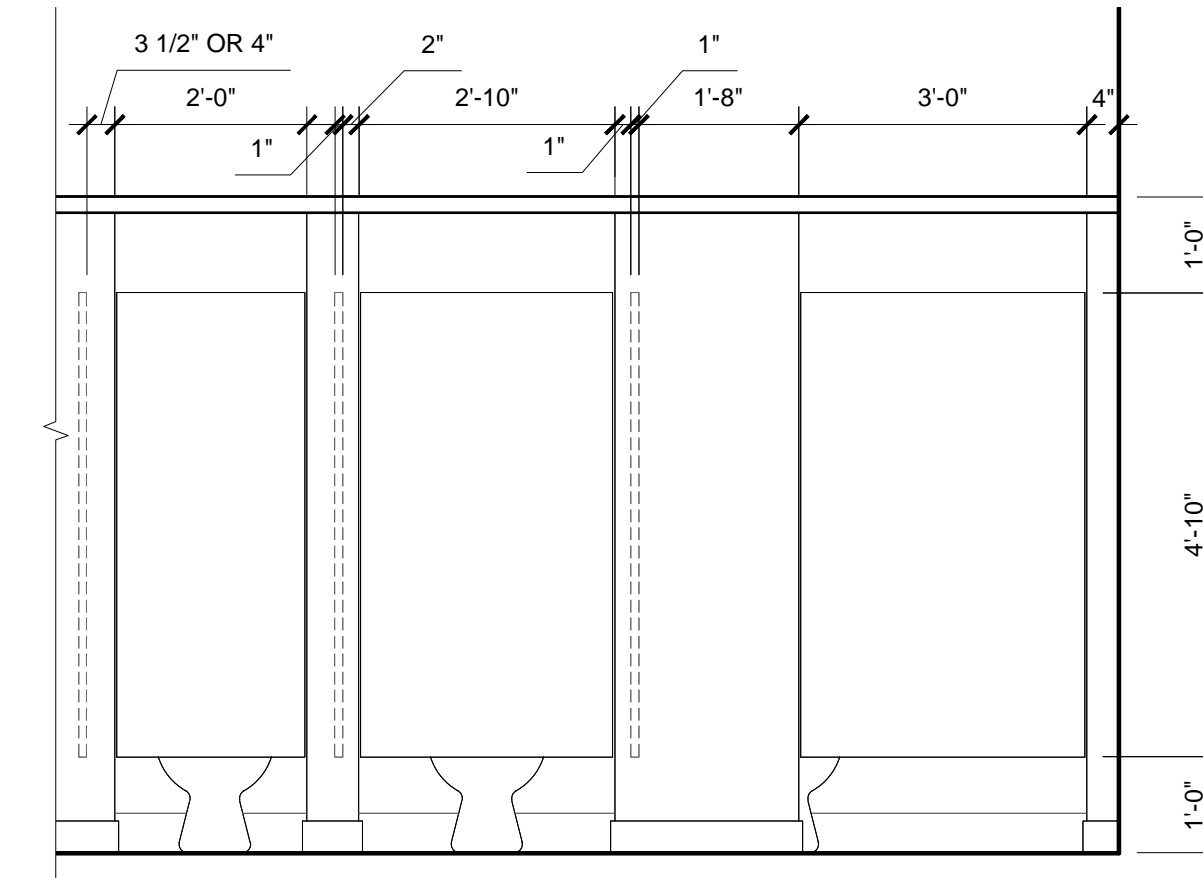


- KEY NOTES**
- (A) HORIZONTAL REAR WALL GRAB BAR SHALL BE 36" LONG MINIMUM, LOCATED 6" MAXIMUM FROM SIDE WALL.
  - (B) TOILET PAPER DISPENSER SHALL BE INSTALLED BELOW THE HORIZONTAL GRAB BAR 36" MAXIMUM FROM WALL TO OUTERMOST EDGE. DISPENSER OUTLET TO BE LOCATED 19" MINIMUM ABOVE FLOOR WITH 2" MINIMUM CLEAR BETWEEN TOP OF DISPENSER AND HORIZONTAL GRAB BAR.
  - (C) A HORIZONTAL SIDE WALL GRAB BAR 42" LONG MINIMUM, LOCATED 12" MAX. FROM REAR WALL AND EXTENDING 54" MINIMUM FROM REAR WALL.
  - (D) A VERTICAL SIDE WALL GRAB BAR 18" LONG MINIMUM, LOCATED FROM REAR WALL MINIMUM 39" TO 41" MAX. LOCATE BOTTOM OF BAR 39" MINIMUM A FROM FINISH FLOOR.

**PHYSICALLY DISABLED ACCESSIBLE WATER CLOSET**  
SCALE: 1/4" = 1'-0"



**TYPICAL MOUNTING HEIGHTS**  
SCALE: 1/4" = 1'-0"



**TOILET PARTITION ELEVATIONS**  
SCALE: 1/2"=1'-0"

FLOOR PLAN SYMBOLS	
SYMBOL	DESCRIPTION
	SCHEDULED DOOR AND FRAME
	SCHEDULED WINDOW UNIT
	SCHEDULED ROOM NAME AND NUMBER
	SECTION / DETAIL SYMBOL
	BUILDING SECTION SYMBOL
	INTERIOR ELEVATION SYMBOL
	PARTITION TYPES

FLOOR PLAN KEYS	
KEYNOTE	DESCRIPTION
	METAL DOWNSPOUT
	MASONRY CONTROL JOINT
	FIRE EXTINGUISHER-SURFACE MOUNTED

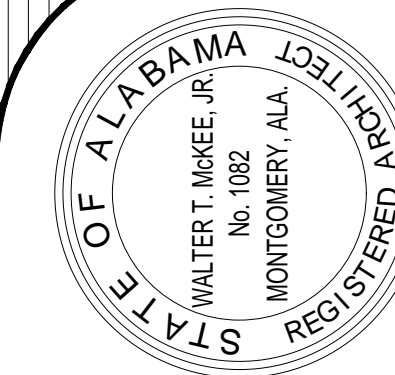
SPECIALTIES LEGEND	
KEYNOTE	DESCRIPTION
	TOILET TISSUE DISPENSER - FURNISHED BY OWNER-INSTALLED BY THE CONTRACTOR
	PAPER TOWEL DISPENSER - FURNISHED BY OWNER-INSTALLED BY THE CONTRACTOR
	SOAP DISPENSER - FURNISHED BY OWNER-INSTALLED BY THE CONTRACTOR
	36" GRAB BAR MOUNTED WHERE CENTERLINE OF WALL MOUNT IS 6" OUT FROM CORNER OF WALL / TOILET PARTITION AND IS TO BE 33'-36" AFF
	42" GRAB BAR MOUNTED WHERE CENTERLINE OF WALL MOUNT IS 12" OUT FROM CORNER OF WALL / TOILET PARTITION AND IS TO BE 33'-36" AFF
	18" X 36" MIRROR UNIT W/ SHELF TO BE MOUNTED WITH THE BOTTOM EDGE 35" AFF AND THE TOP EDGE 71" AFF
	DIAPER CHANGING STATION
	FIRE EXTINGUISHER CABINET



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ARCHITECTS, INC.

631 SOUTH HULL STREET, MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : CONCESSION / TOILET FLOOR PLAN

MCKEE JOB # : 23-199

DRAWN BY : JRB

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :

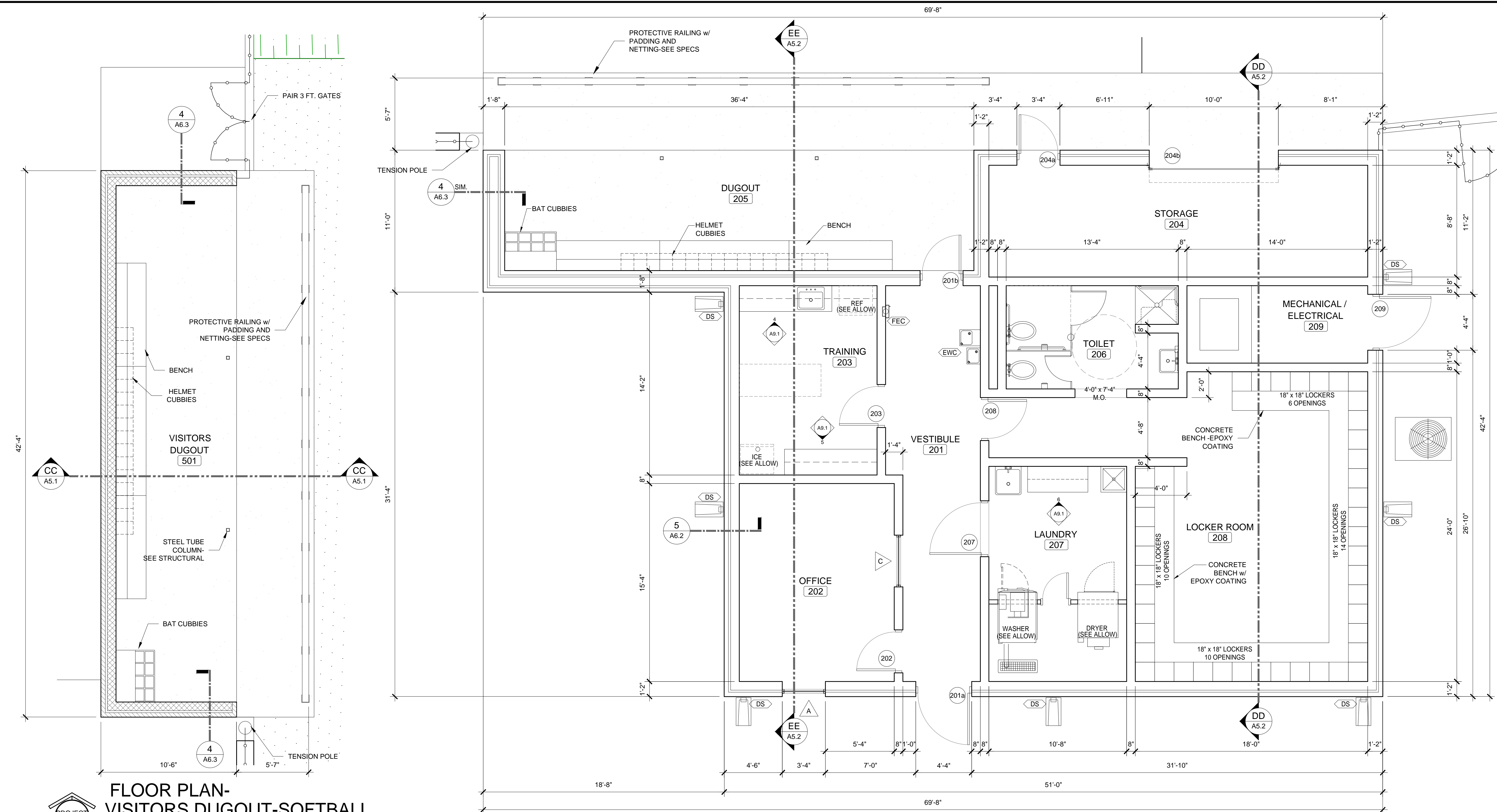
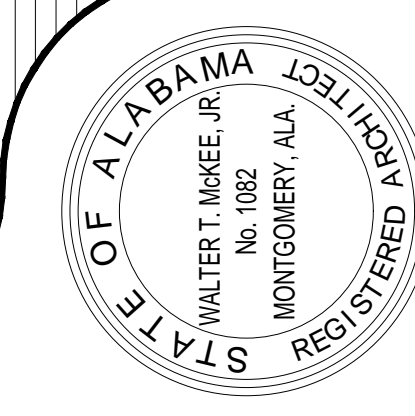
SHEET NO. : **A1.1**





**NEW SOFTBALL COMPLEX**  
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631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



**FLOOR PLAN-VISITORS DUGOUT-SOFTBALL**  
SCALE: 1/4"=1'-0"

**FLOOR PLAN-SOFTBALL FIELD HOUSE**  
SCALE: 1/4"=1'-0"

REFER TO SECTION 01011  
CONTINGENCY ALLOWANCES FOR  
SELECTION and PURCHASE OF  
EQUIPMENT IN THE FIELD HOUSE

SHEET TITLE : FLOOR PLANS

MCKEE JOB # : 23-199

DRAWN BY : JRB

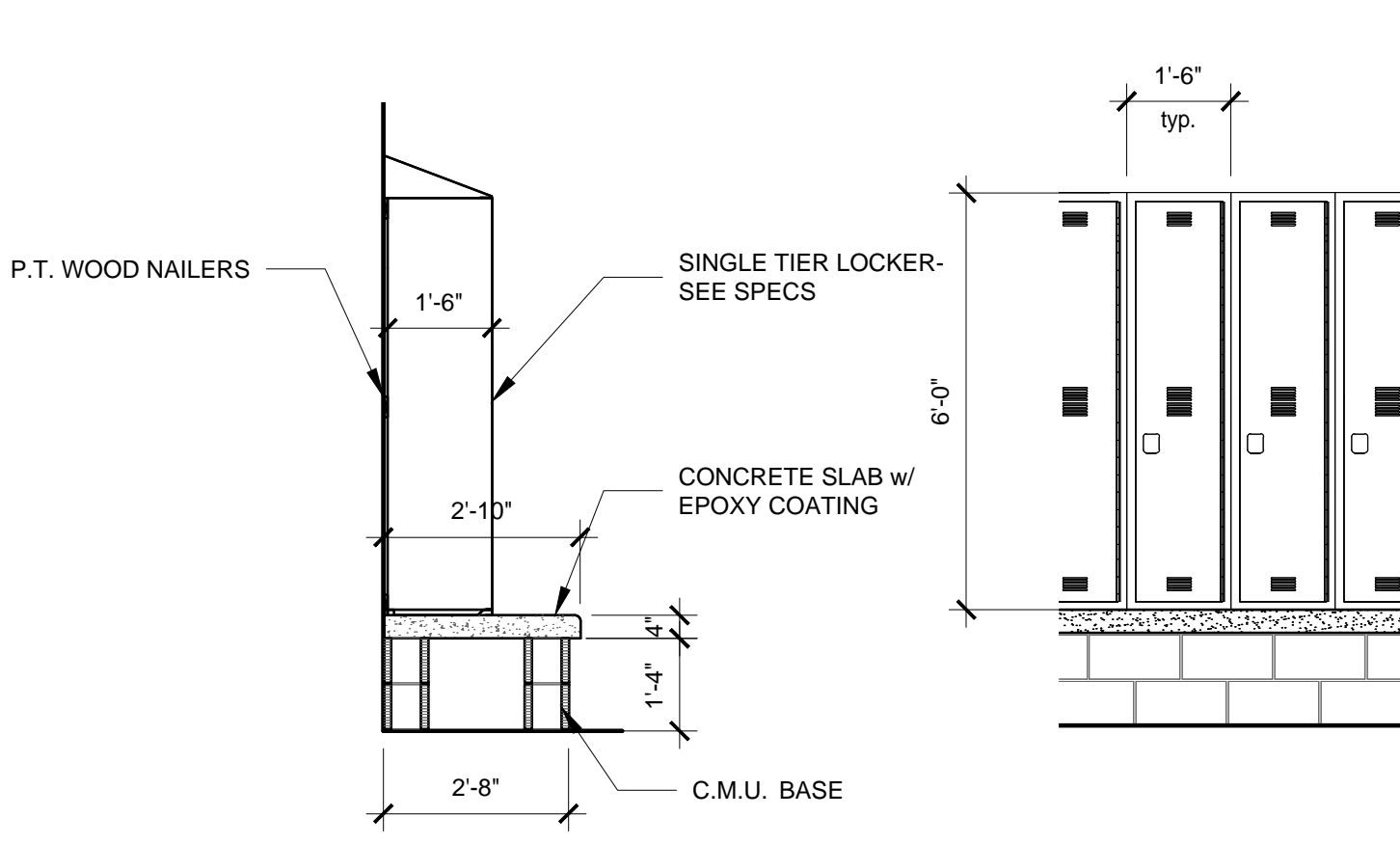
DATE : JUNE 04, 2024

REVISED DATE :

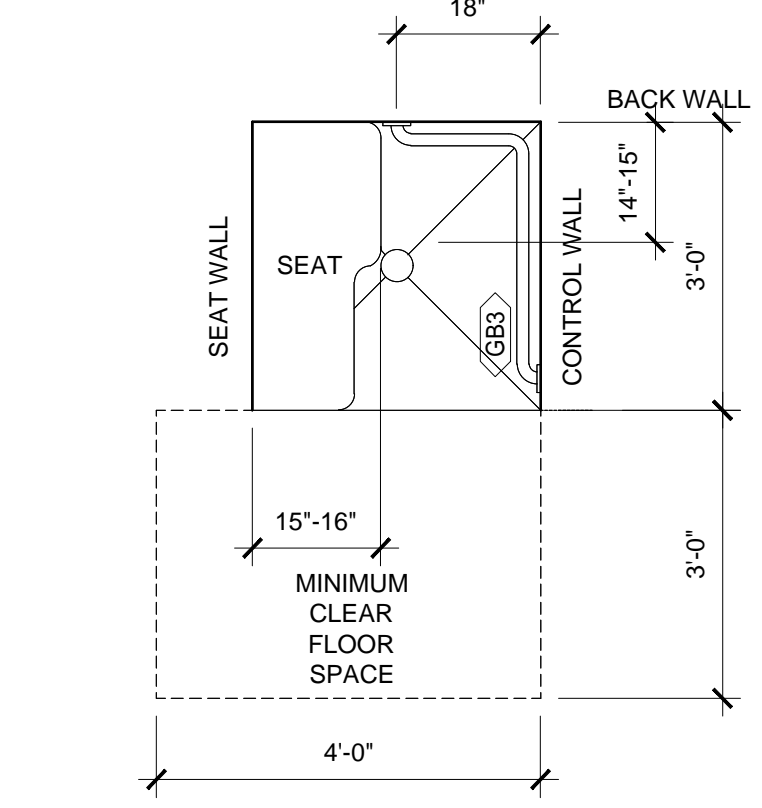
REVISED DATE :

REVISED DATE :

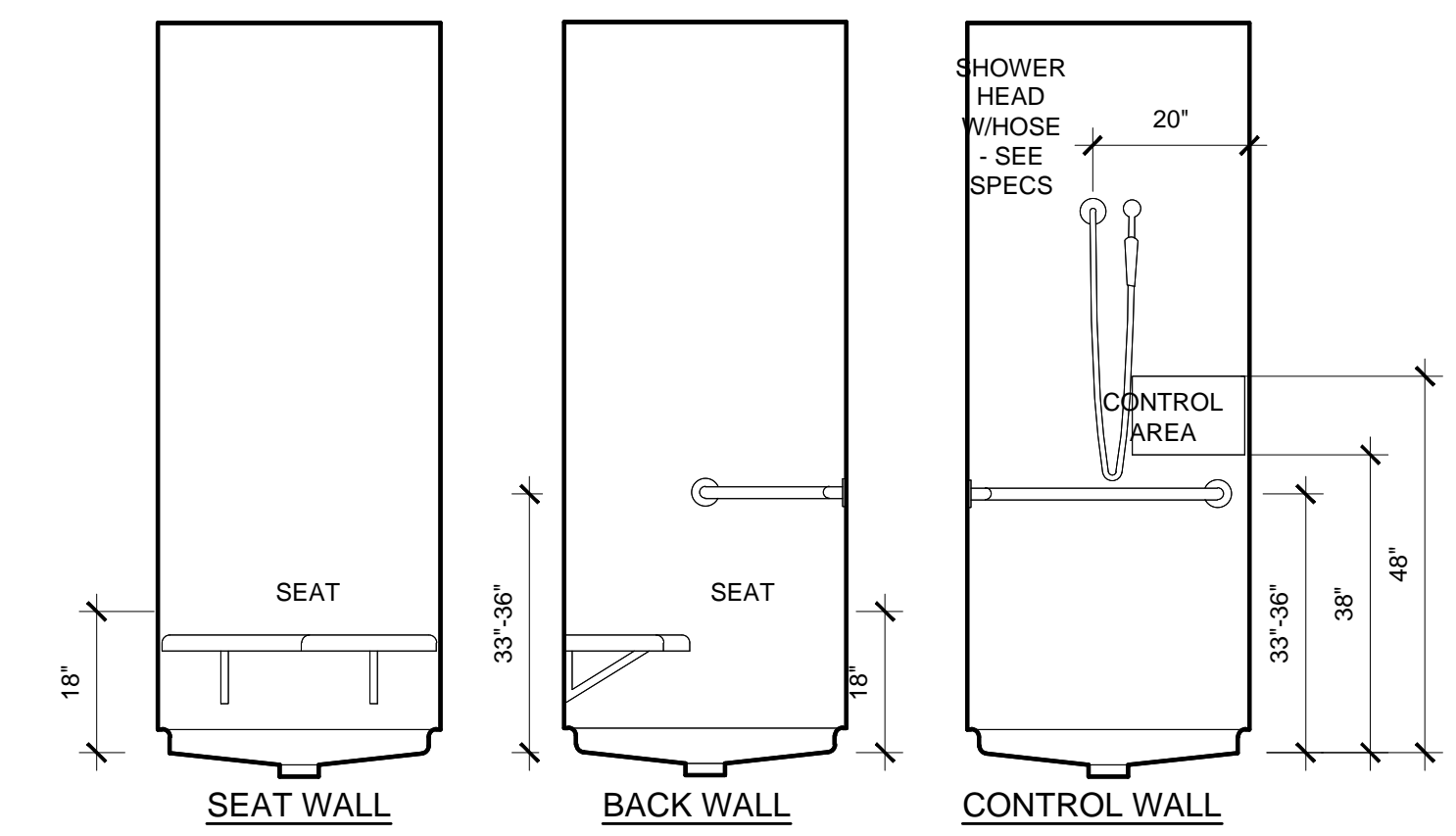
SHEET NO. : **A1.2**



**1 LOCKER ELEVATION**  
SCALE: 3/8"=1'-0"



**2 ACCESSIBLE SHOWER PLAN**  
SCALE: 1/2"=1'-0"



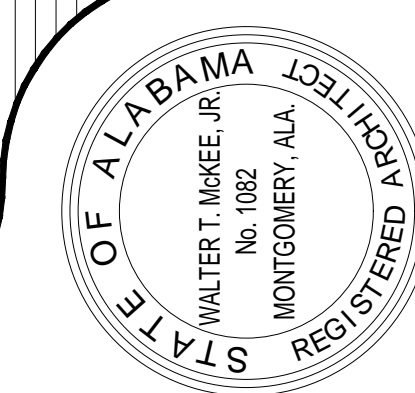
**3 ACCESSIBLE SHOWER ELEVATIONS**  
SCALE: 1/2"=1'-0"





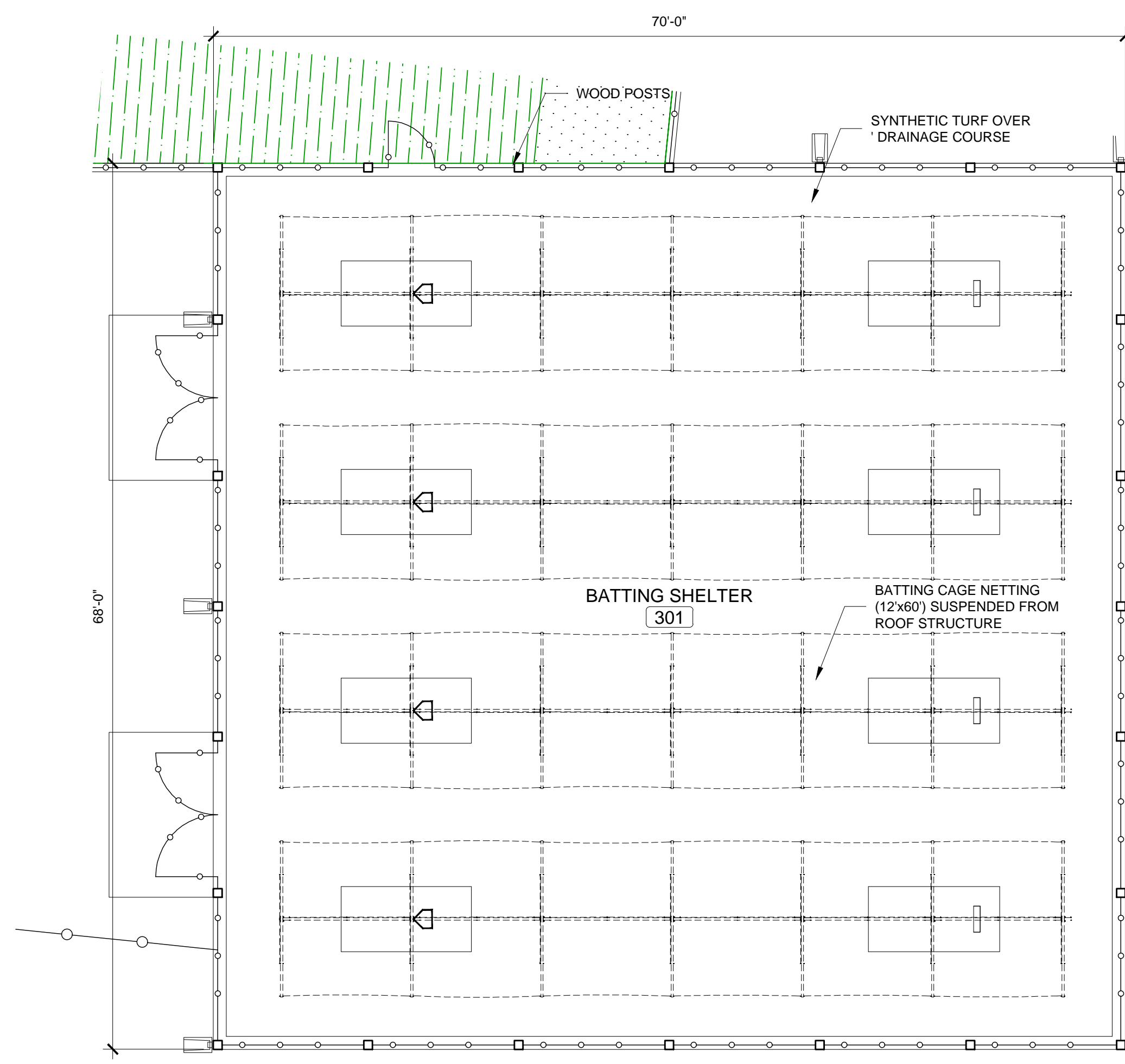
**NEW SOFTBALL COMPLEX**  
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**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

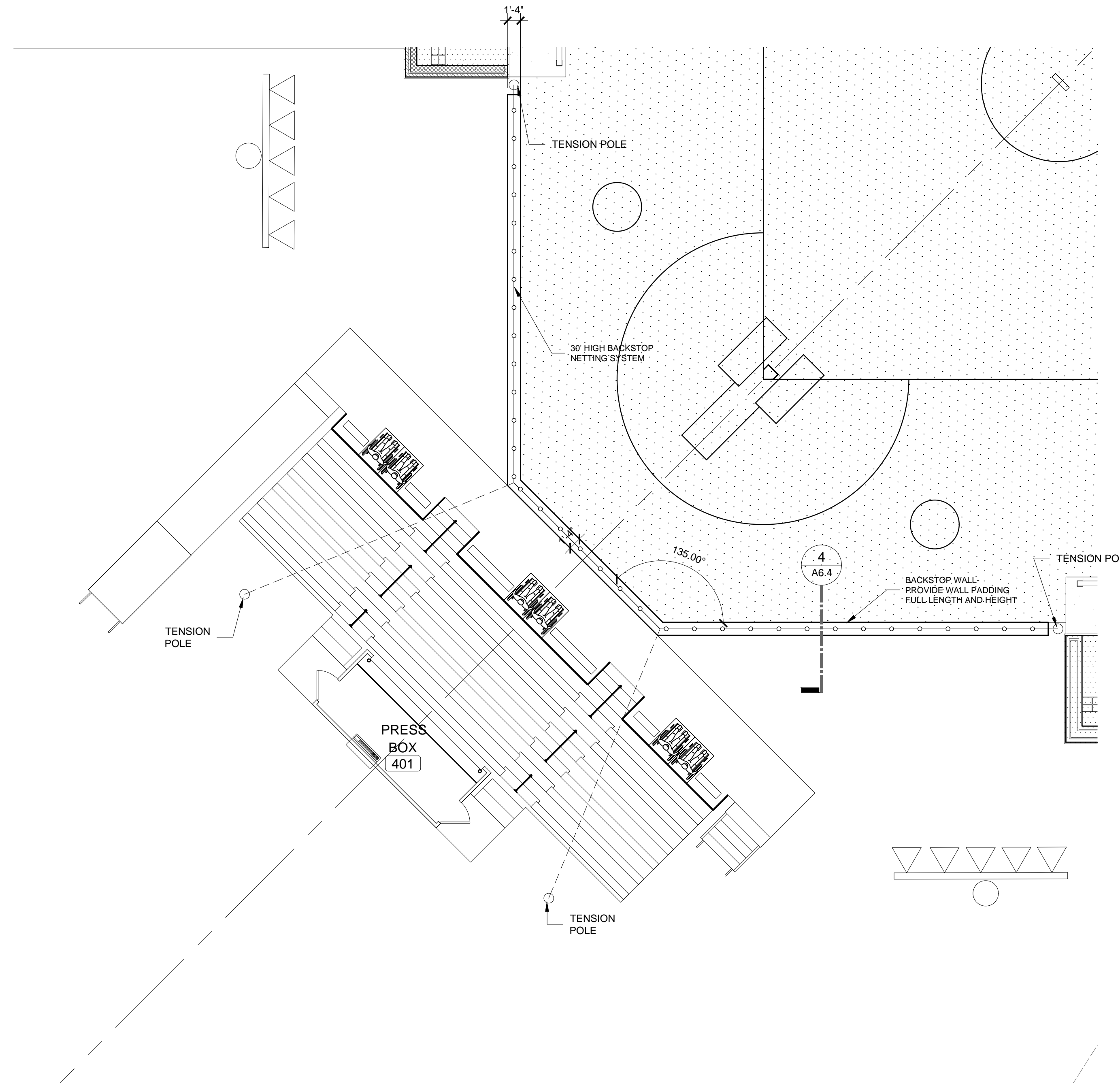


SHEET TITLE : FLOOR PLANS  
 MCKEE JOB # : 23-199  
 DRAWN BY : JRB  
 DATE : JUNE 04, 2024  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :

SHEET NO. : **A1.3**



**FLOOR PLAN-BATTING SHELTER**  
 SCALE: 1/4"=1'-0"



**SOFTBALL SEATING PLAN**  
 SCALE: 1/8"=1'-0"

FLOOR PLAN SYMBOLS	
SYMBOL	DESCRIPTION
	SCHEDULED DOOR AND FRAME
	SCHEDULED WINDOW UNIT
	SCHEDULED ROOM NAME AND NUMBER
	SECTION / DETAIL SYMBOL
	BUILDING SECTION SYMBOL
	INTERIOR ELEVATION SYMBOL
	6" CMU TOILET PARTITION-6" A.F.F. w/ BOND BEAM

FLOOR PLAN KEYS	
KEYNOTE	DESCRIPTION
	METAL DOWNSPOUT
	MASONRY CONTROL JOINT
	METAL HANDRAIL
	FIRE EXTINGUISHER-SURFACE MOUNTED





**NEW SOFTBALL COMPLEX**  
AT  
**DAPHNE HIGH SCHOOL**  
FOR THE  
**BALDWIN COUNTY B.O.E.**

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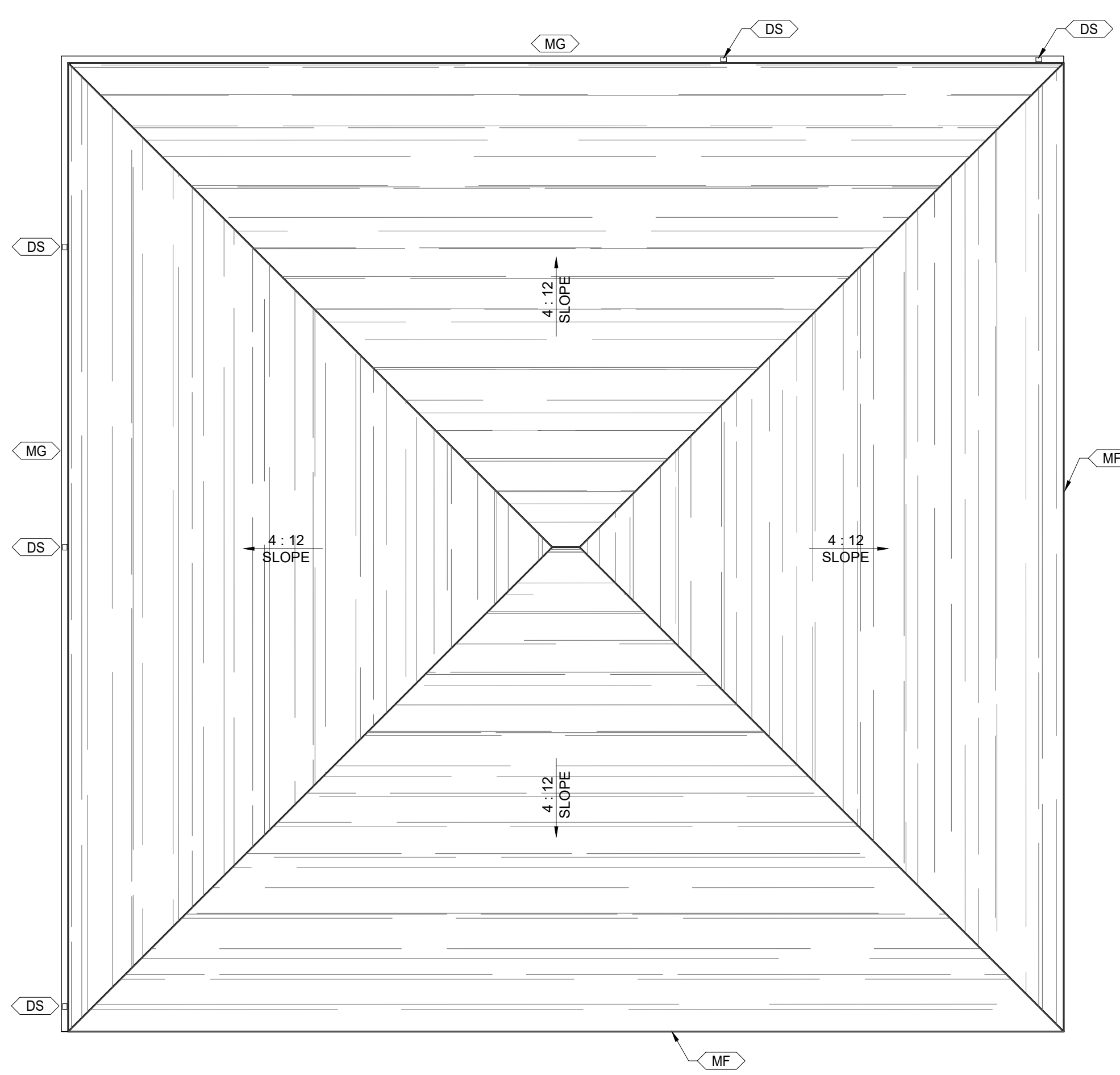


KEYNOTE	DESCRIPTION
ADS	ATTIC DRAFTSTOP
DS	METAL DOWNSPOUT
EFH	EXHAUST FAN HOOD
MF	METAL FASCIA
MG	METAL GUTTER
VRC	VENTED RIDGE CAP

CODE	DESCRIPTION
8'-0" GBP	HEIGHT A.F.F. MATERIAL
PWP	PLYWOOD - PAINT
GBP	GYPSUM BOARD - PAINT
LAC	2' X 2' LAY-IN ACOUSTICAL CEILING TILE W/ SMOOTH FACE
LVC	2' X 2' LAY-IN VINYL CLAD CEILING TILE
AAD	ATTIC ACCESS DOOR
SPV	METAL SOFFIT PANEL - VENTILATED
SP	METAL SOFFIT PANEL - NON-VENTILATED

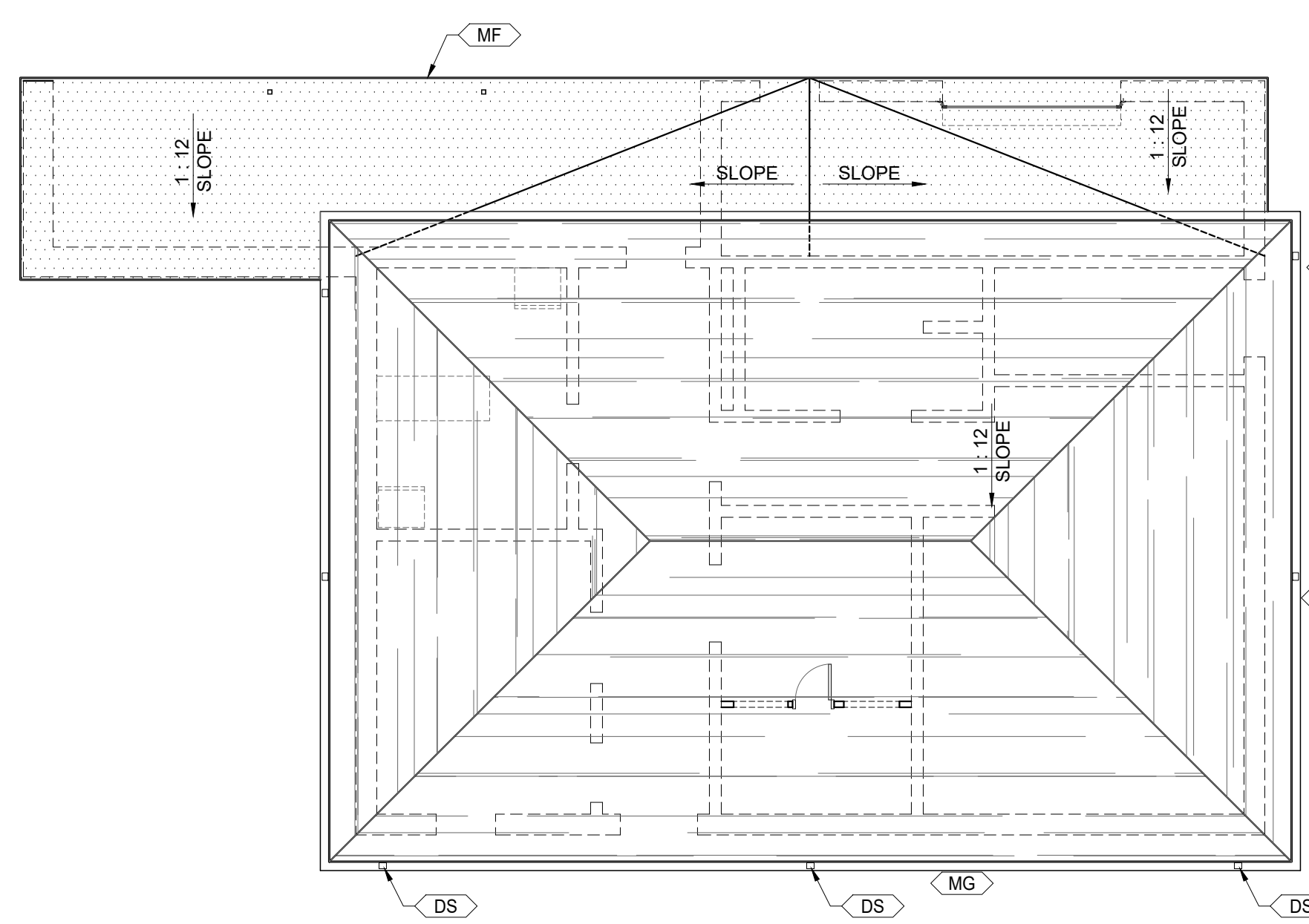
**ATTIC VENTILATION**

PROVIDE A RATIO OF FREE AIR VENTILATION NO LESS THAN 1 S.F. / 300 S.F. OF ATTIC AREA. NO LESS THAN 50% OF THE REQUIRED VENTILATION SHALL OCCUR AT THE VENTILATED SOFFITS.



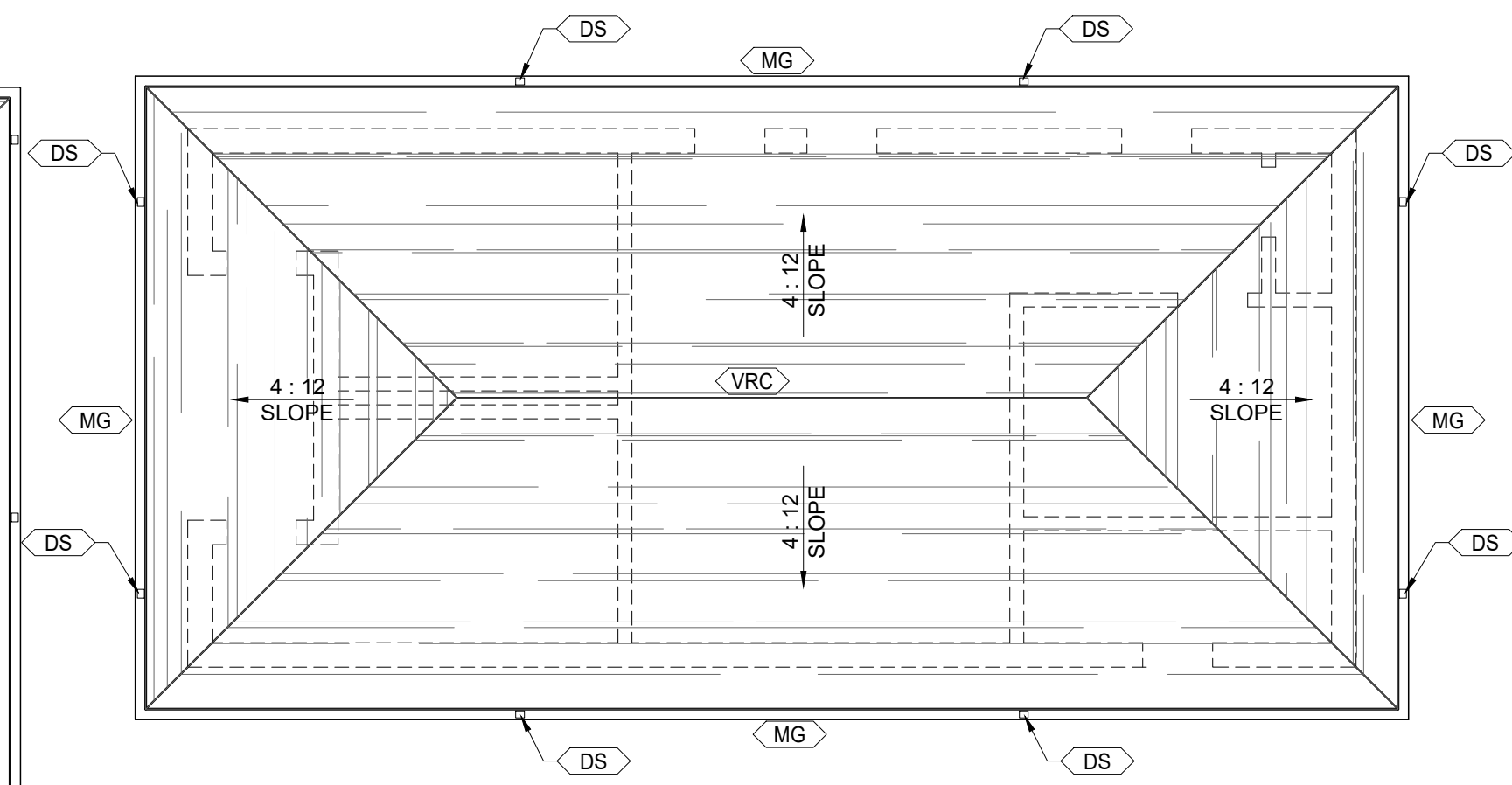
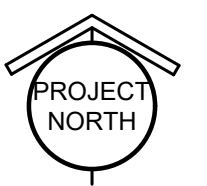
SHINGLE ROOFING  
OVER VAPOR BARRIER and PLYWOOD DECKING

**ROOF PLAN-  
BATTING SHELTER**  
SCALE: 1/8" = 1'-0"



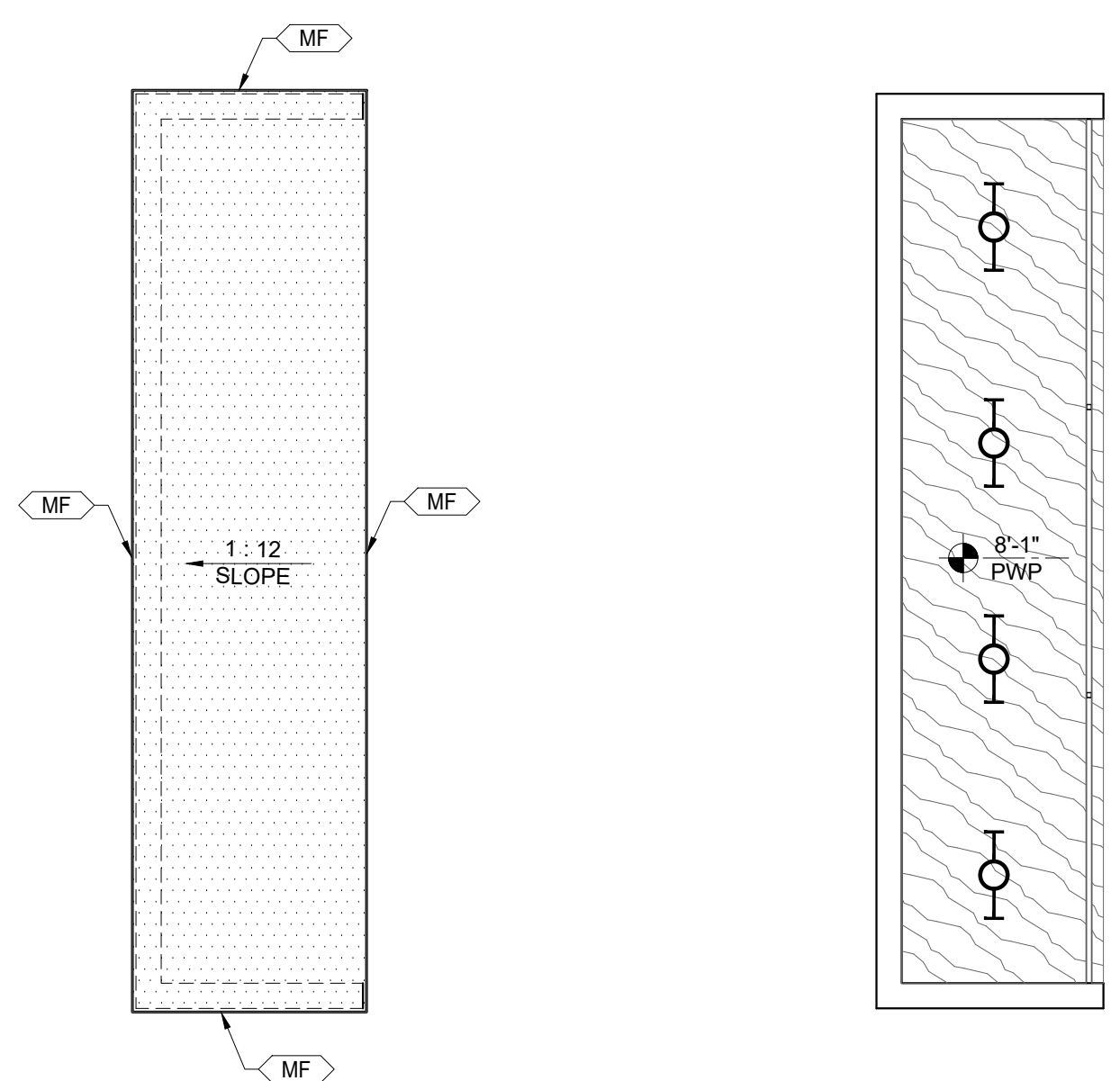
SHINGLE ROOFING  
OVER VAPOR BARRIER and PLYWOOD DECKING

**ROOF PLAN-  
SOFTBALL FIELD HOUSE**  
SCALE: 1/8" = 1'-0"



SHINGLE ROOFING  
OVER VAPOR BARRIER and PLYWOOD DECKING

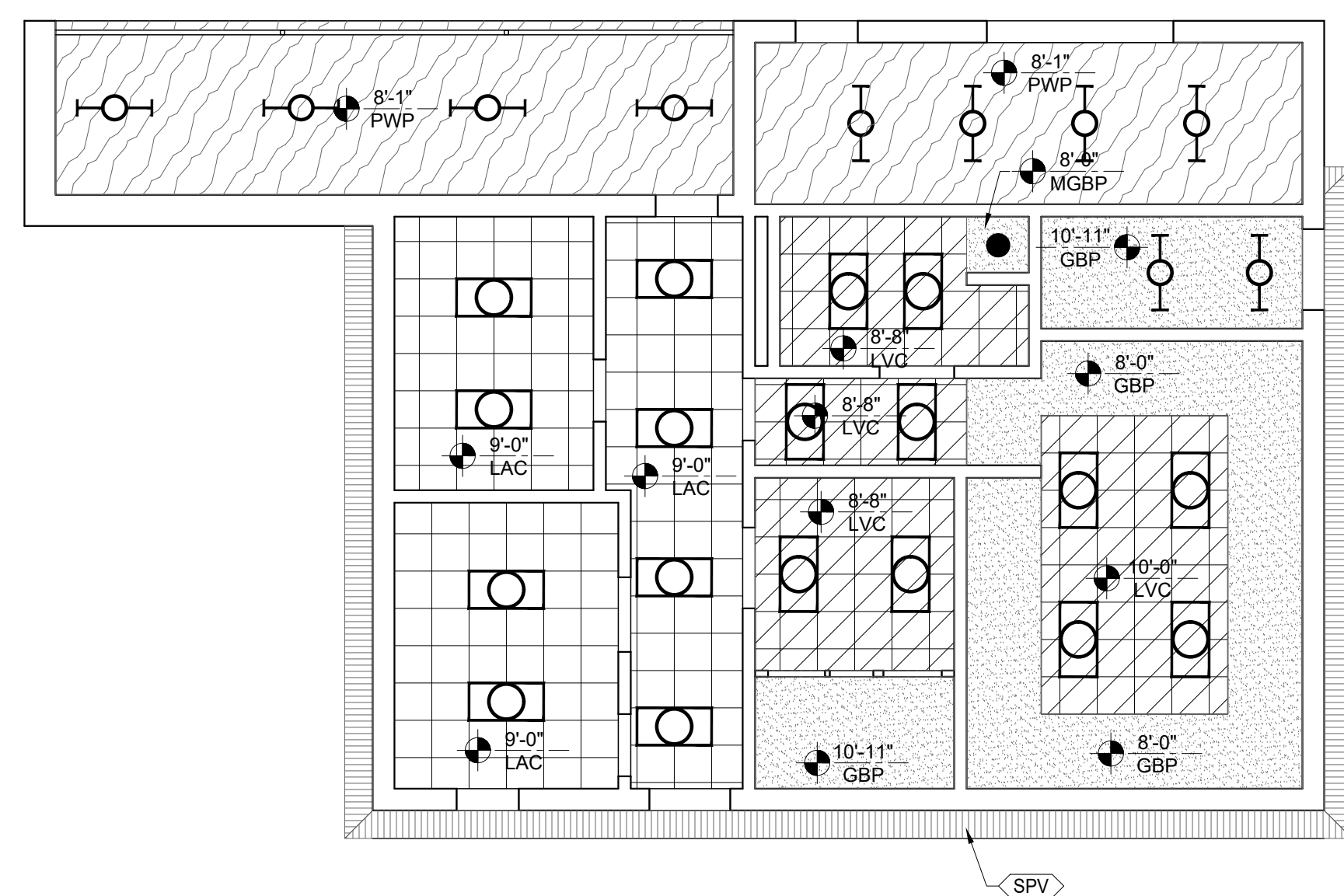
**ROOF PLAN-  
CONCESSION / TOILET BUILDING**  
SCALE: 1/8" = 1'-0"



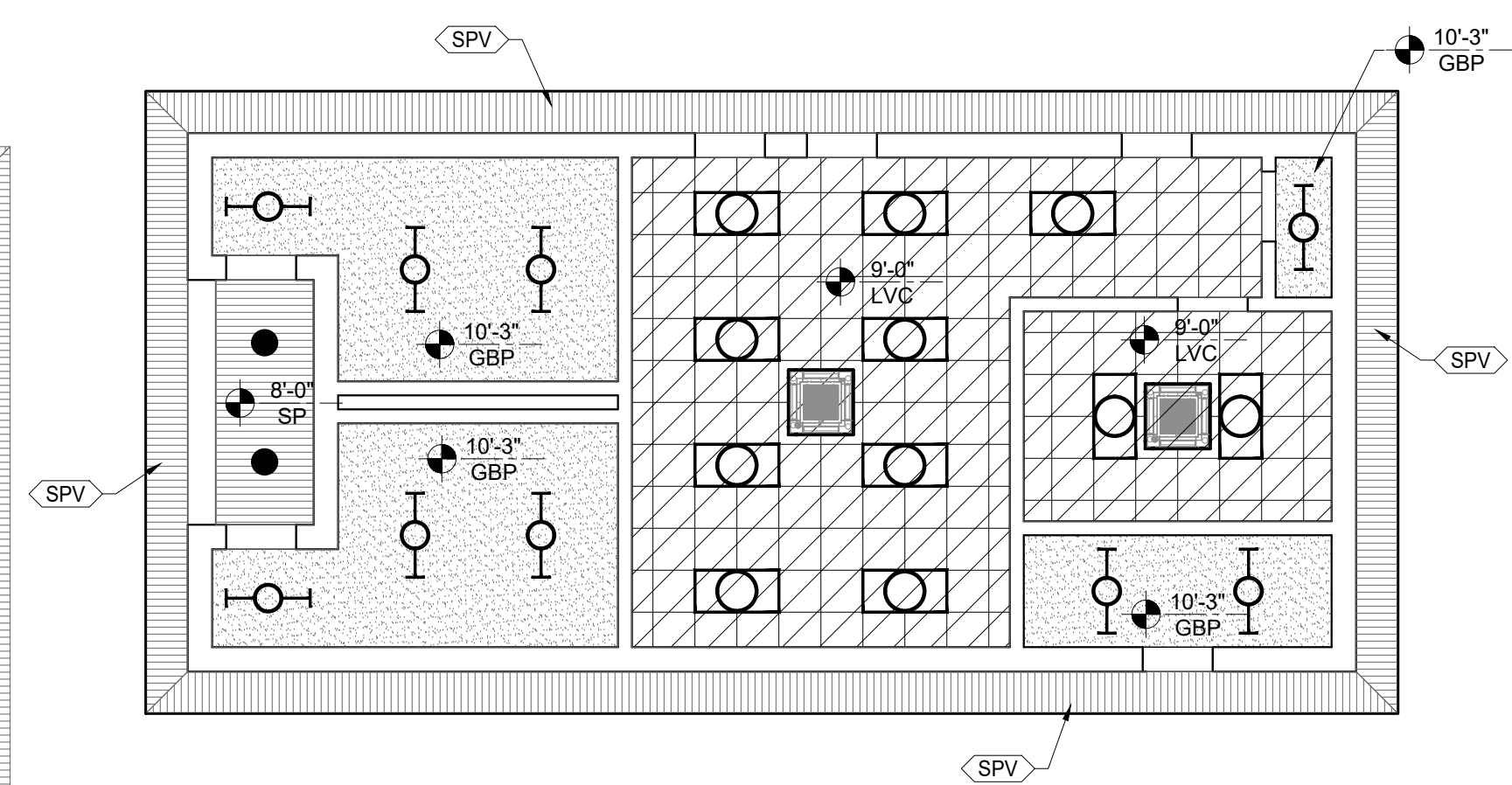
**ROOF PLAN-  
VISITORS DUGOUT**  
SCALE: 1/8" = 1'-0"



**REFLECTED CEILING PLAN-  
VISITORS DUGOUT**  
SCALE: 1/8" = 1'-0"



**REFLECTED CEILING PLAN-  
SOFTBALL FIELD HOUSE**  
SCALE: 1/8" = 1'-0"



**REFLECTED CEILING PLAN-  
CONCESSION / TOILET BUILDING**  
SCALE: 1/8" = 1'-0"



SHEET TITLE : CEILING and ROOF PLANS

MCKEE JOB # : 23-199

DRAWN BY : JRB

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :

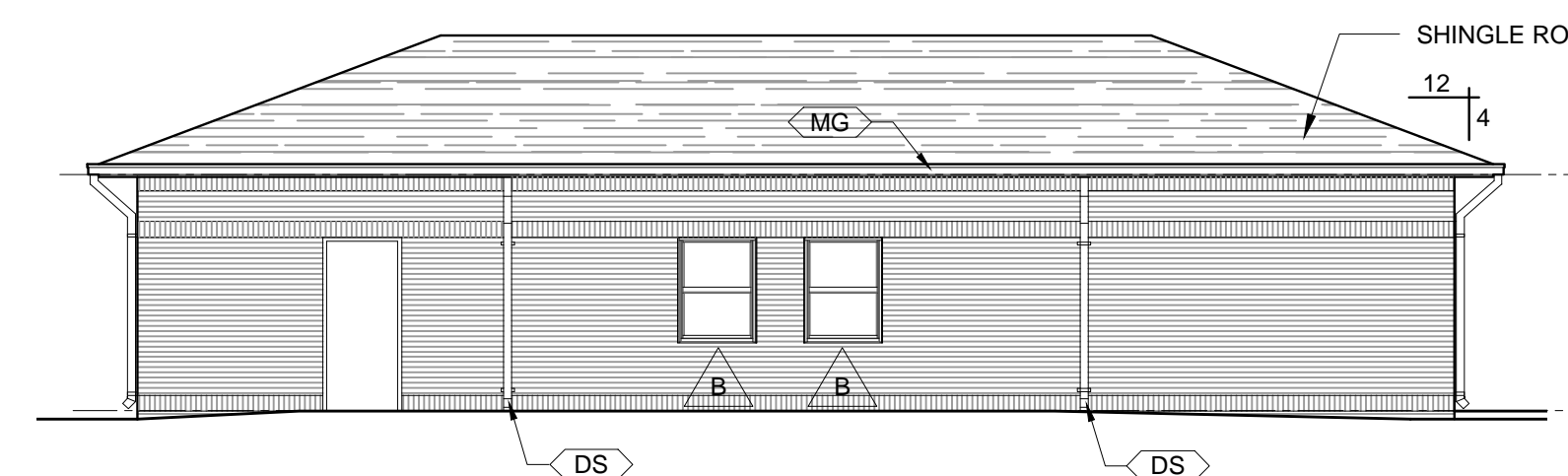
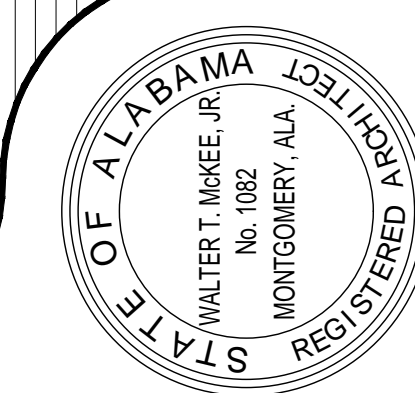
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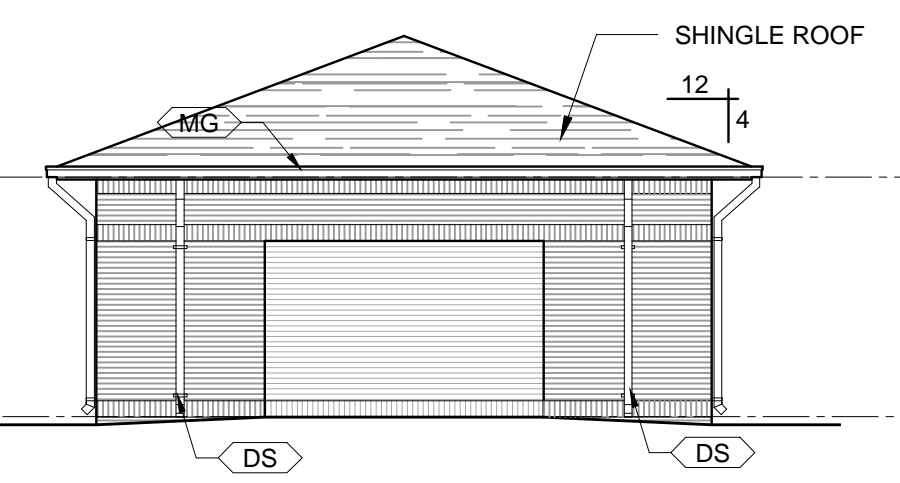


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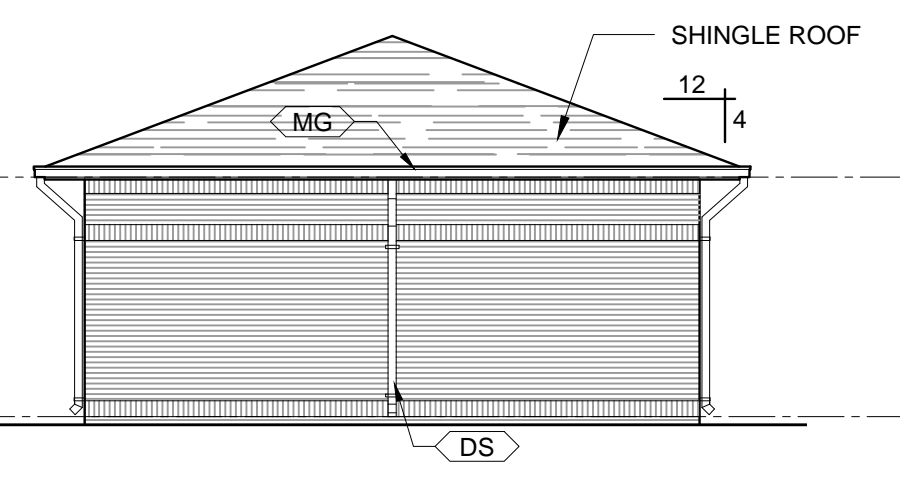
**NEW SOFTBALL COMPLEX**  
 AT  
**DAPHNE HIGH SCHOOL**  
 FOR THE  
**BALDWIN COUNTY B.O.E.**



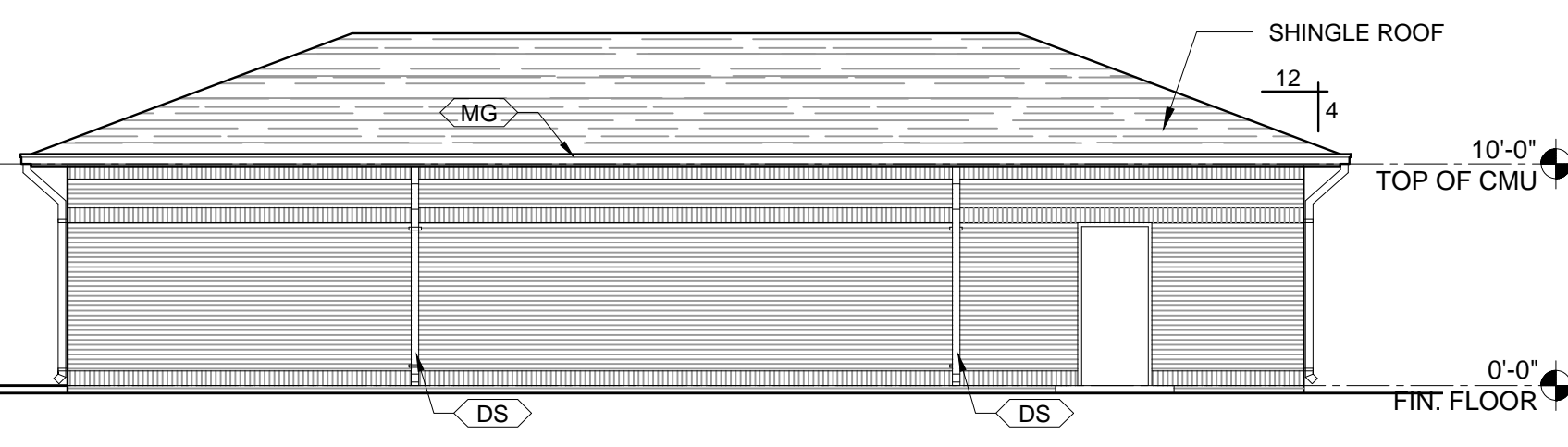
**1** **CONCESSION NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



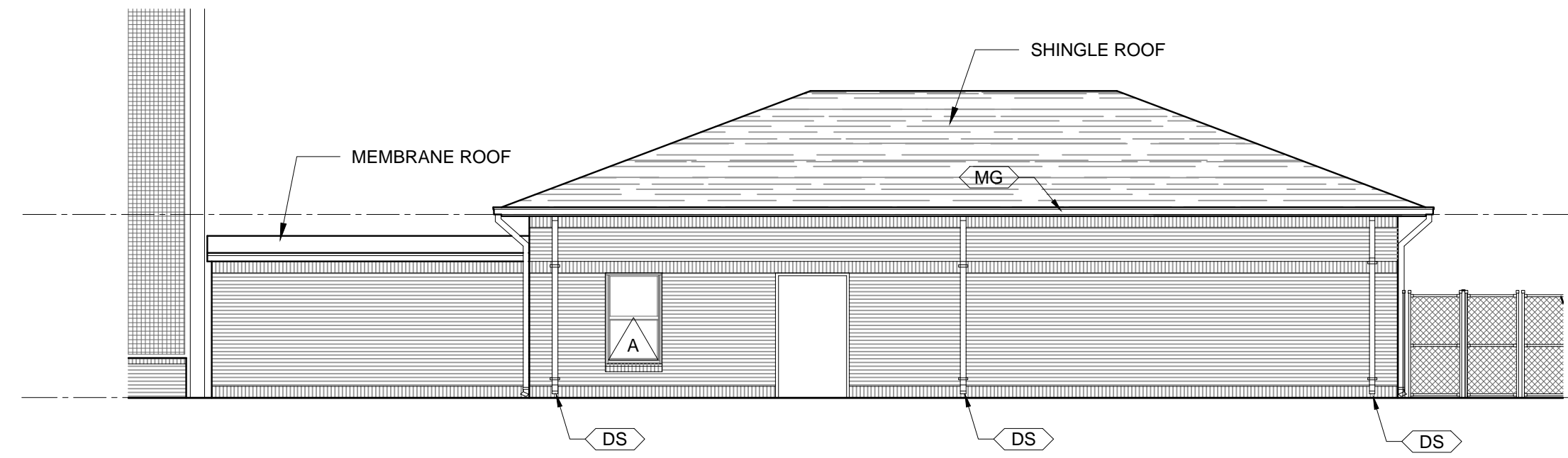
**2** **CONCESSION WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



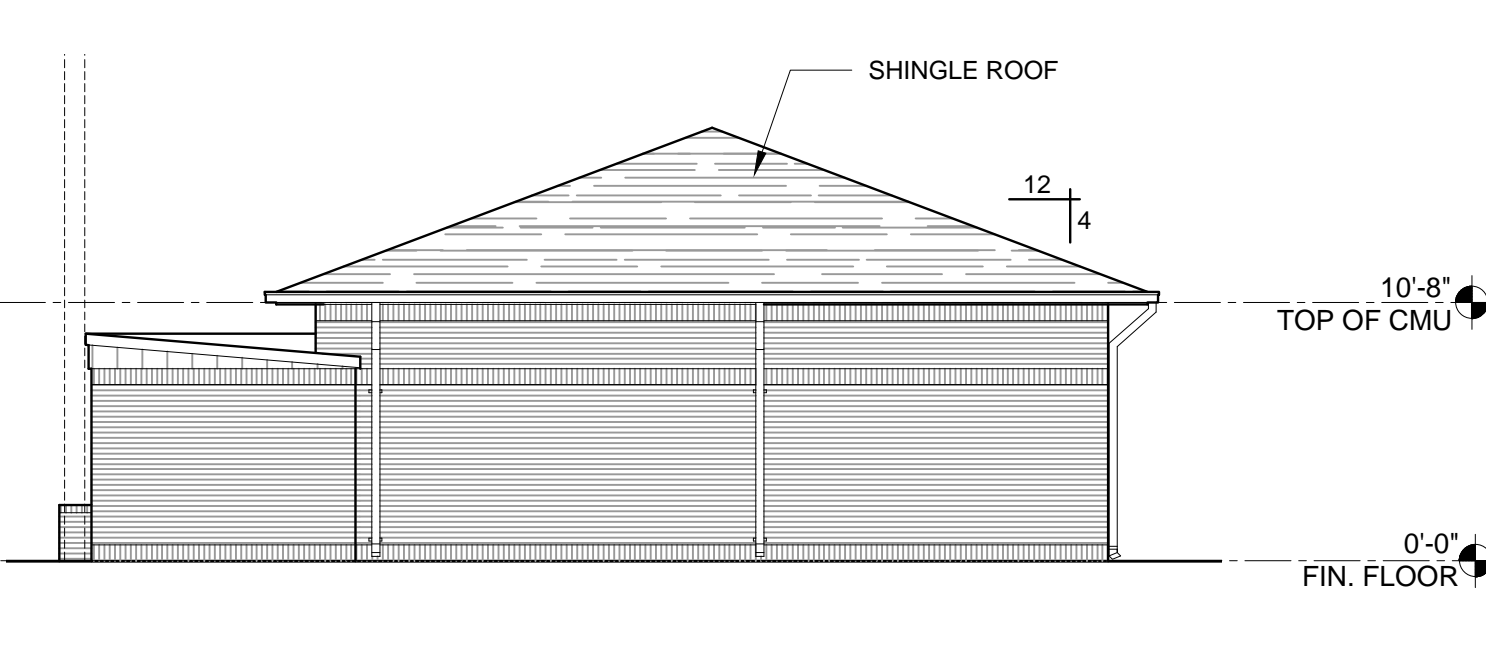
**3** **CONCESSION EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



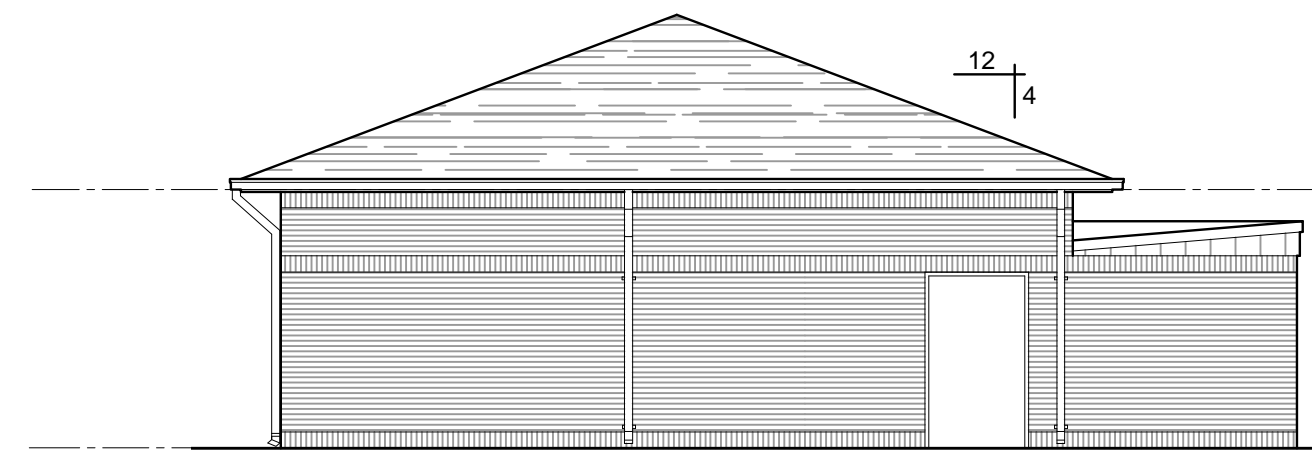
**4** **CONCESSION SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



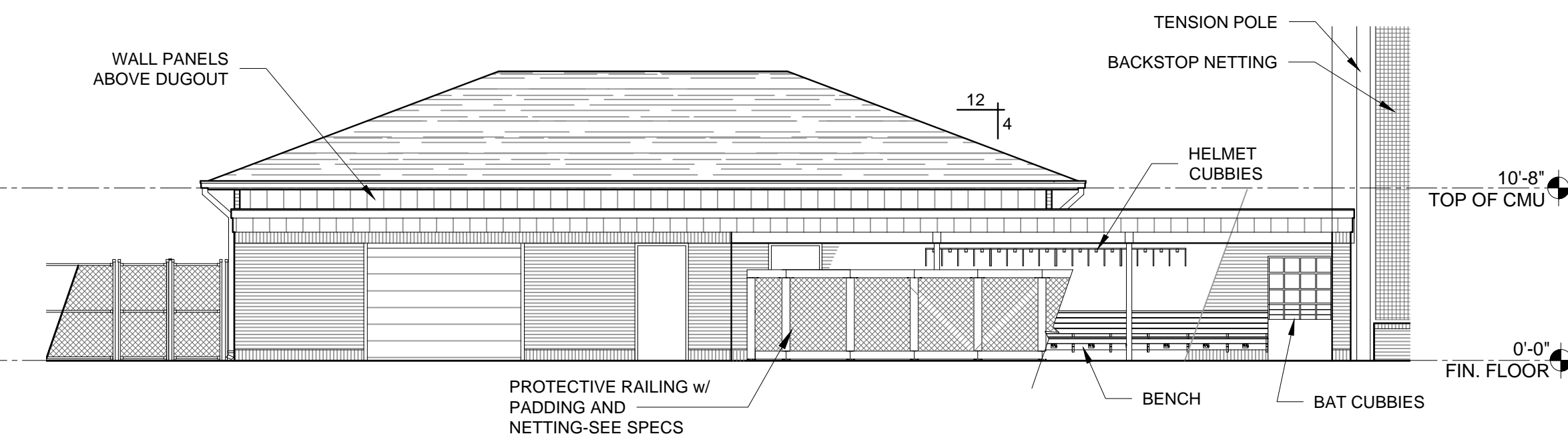
**5** **SOFTBALL FIELDHOUSE SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



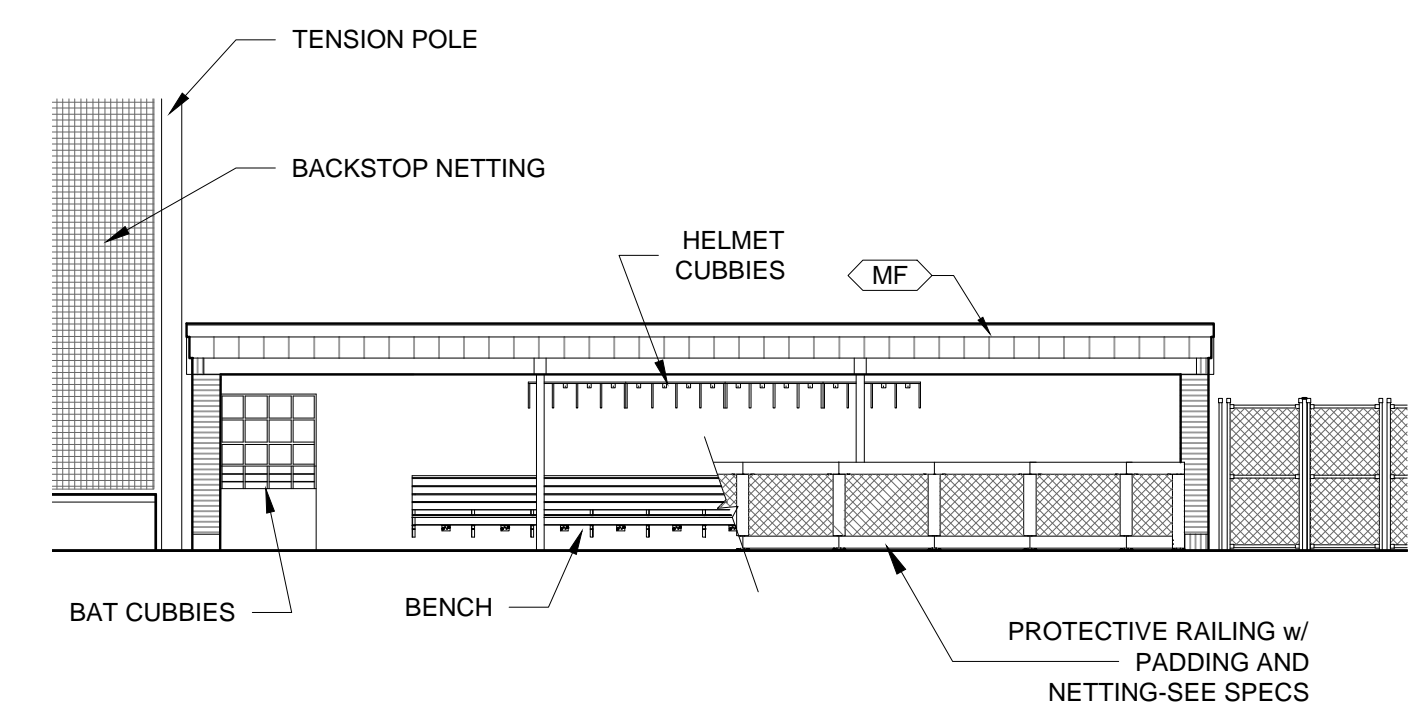
**6** **SOFTBALL FIELDHOUSE WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



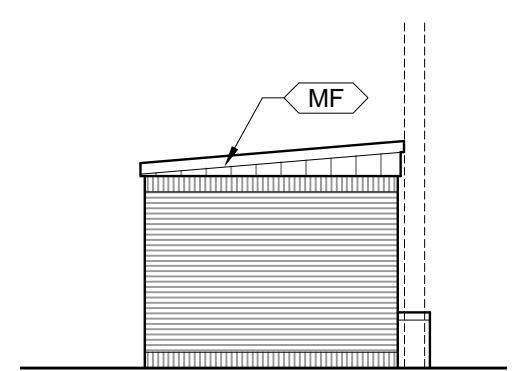
**7** **SOFTBALL FIELDHOUSE EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



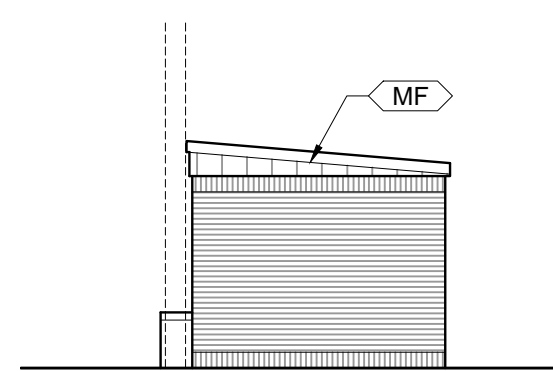
**8** **SOFTBALL FIELDHOUSE NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



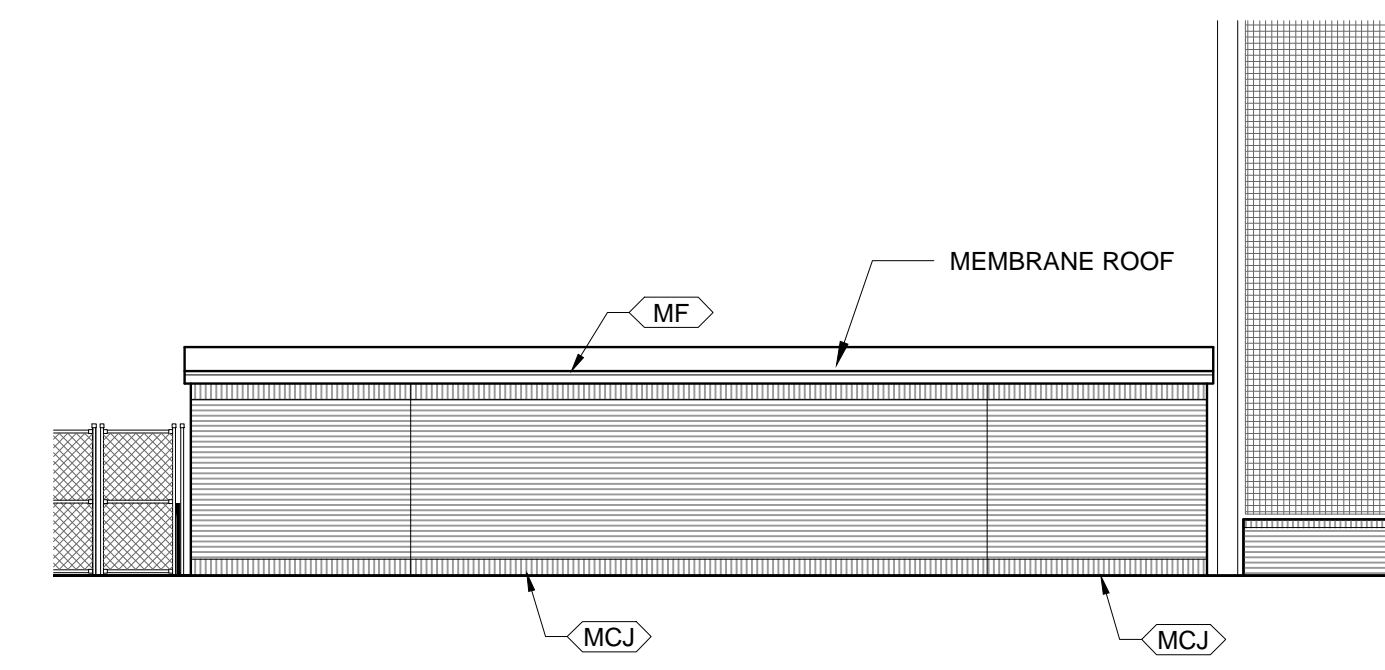
**9** **VISITORS DUGOUT EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



**10** **VISITORS DUGOUT SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**11** **VISITORS DUGOUT NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**12** **VISITORS DUGOUT WEST ELEVATION**  
SCALE: 1/8" = 1'-0"

ELEVATION LEGEND	
SYMBOL	DESCRIPTION
	SCHEDULED WINDOW
	SCHEDULED DOOR and FRAME
	METAL DOWNSPOUT-FACTORY FINISH
	METAL GUTTER-FACTORY FINISH
	METAL FASCIA-FACTORY FINISH
	MASONRY CONTROL JOINT

SHEET TITLE : ELEVATIONS

MCKEE JOB # : 23-199

DRAWN BY : JRB

DATE : JUNE 04, 2024

REVISED DATE :

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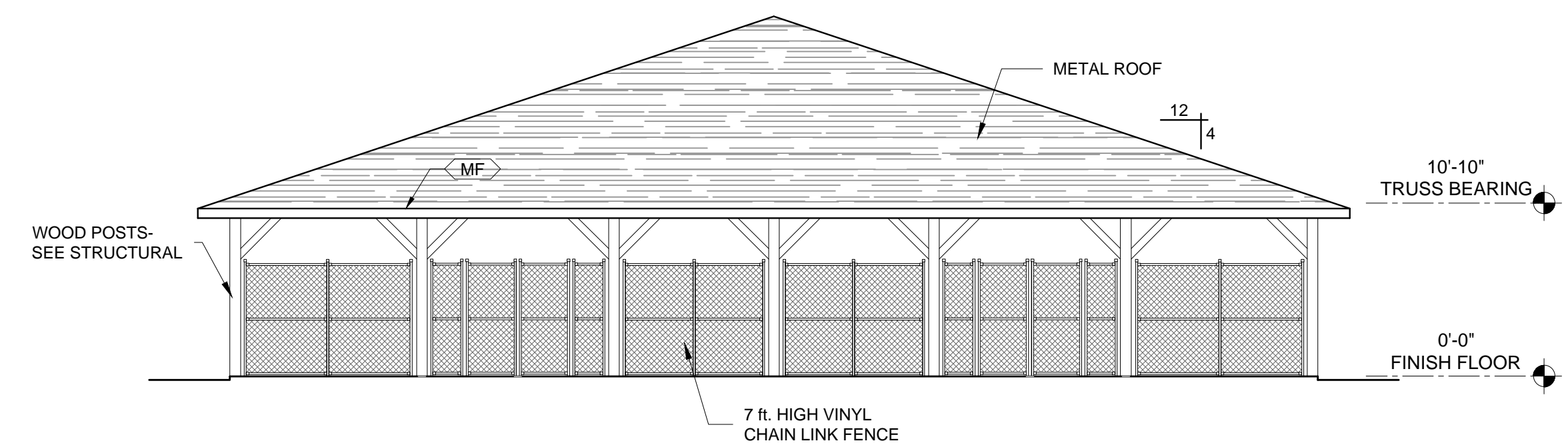
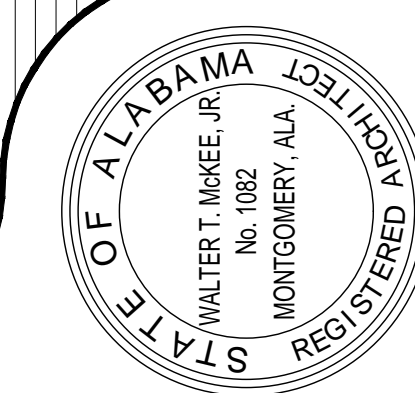
SHEET NO. : **A4.1**



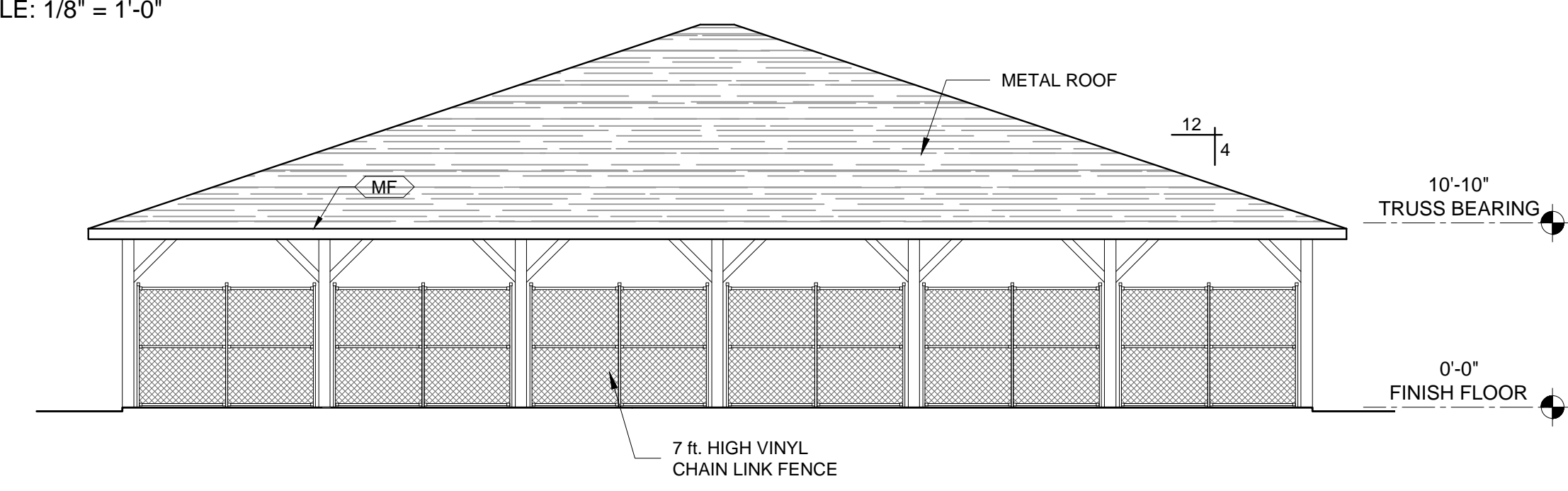


**NEW SOFTBALL COMPLEX**  
**AT**  
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**BALDWIN COUNTY B.O.E.**

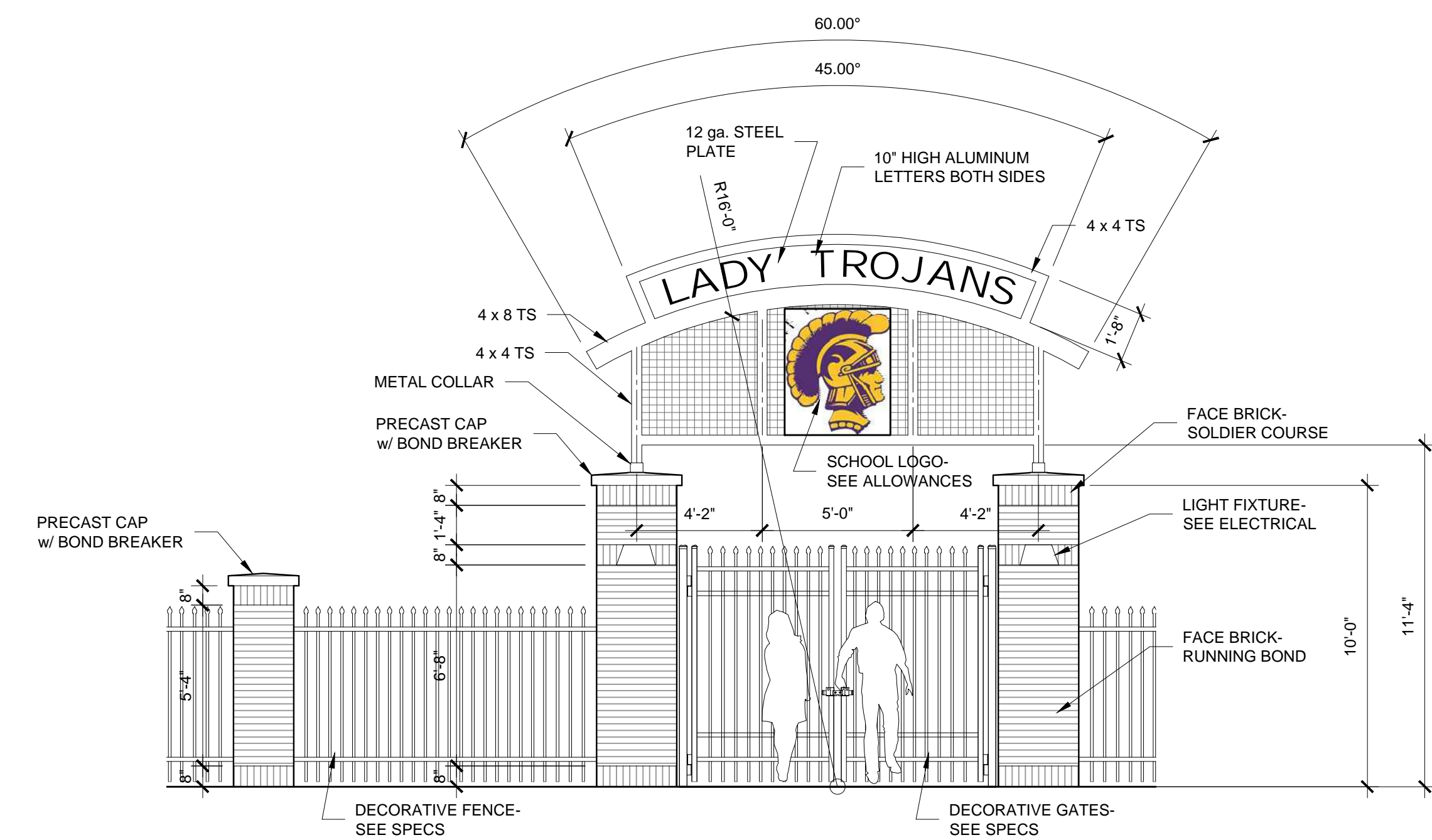
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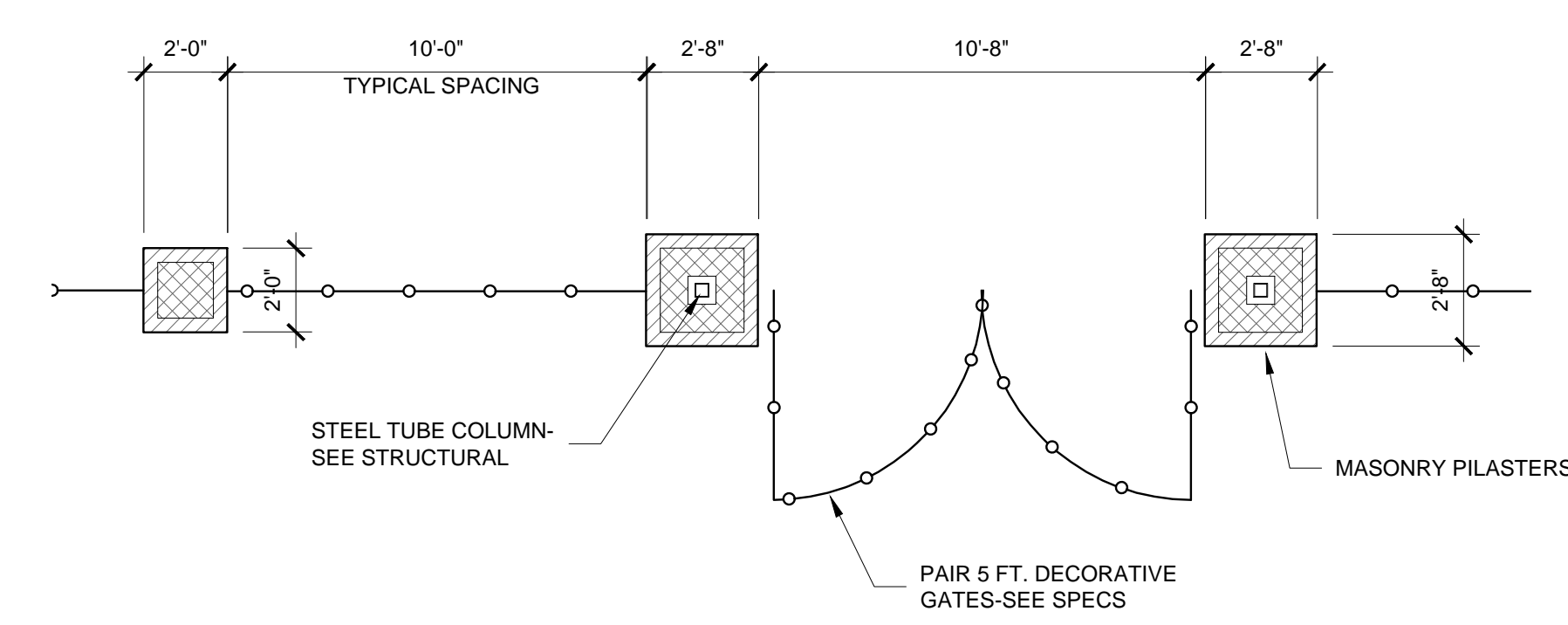
**1** **BATTING SHELTER**  
**NORTH / SOUTH ELEVATION**  
 SCALE: 1/8" = 1'-0"



**2** **BATTING SHELTER**  
**NORTH / SOUTH ELEVATION**  
 SCALE: 1/8" = 1'-0"



**ELEVATION - ENTRY GATE / MARQUEE**  
 SCALE: 1/4" = 1'-0"



**PLAN - ENTRY GATE / MARQUEE**  
 SCALE: 1/4" = 1'-0"

SHEET TITLE : **BATTING SHELTER and ENTRY MARQUEE**

MCKEE JOB # : **23-199**

DRAWN BY : **JRB**

DATE : **JUNE 04, 2024**

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : **A4.2**

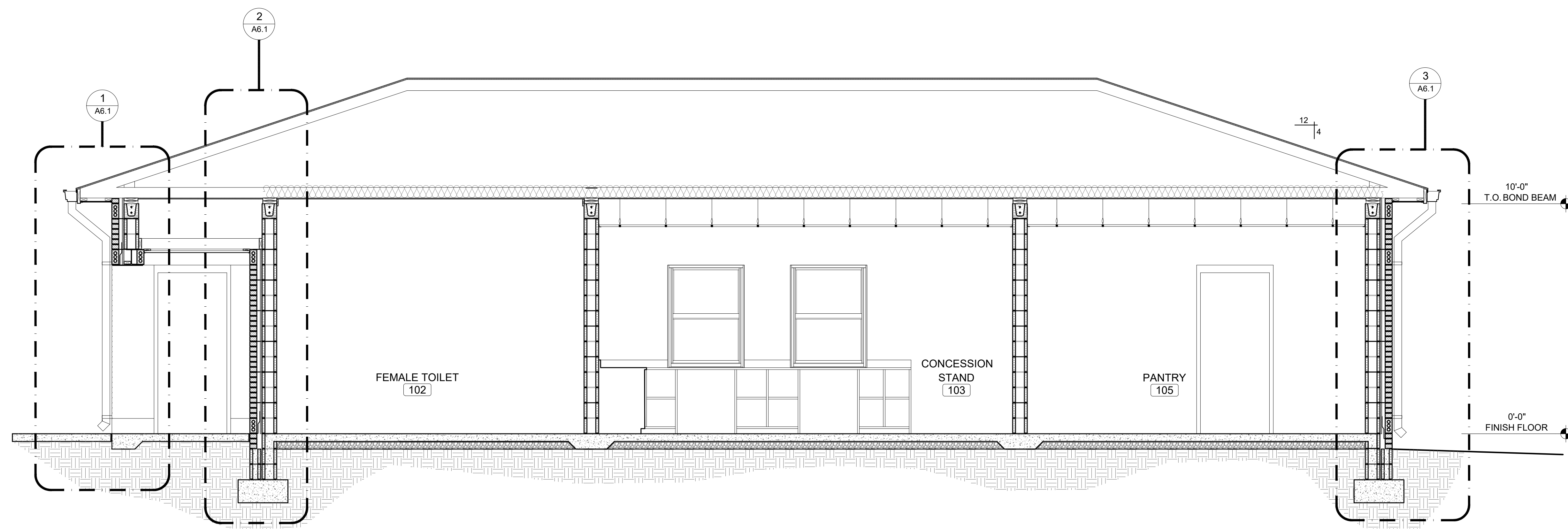




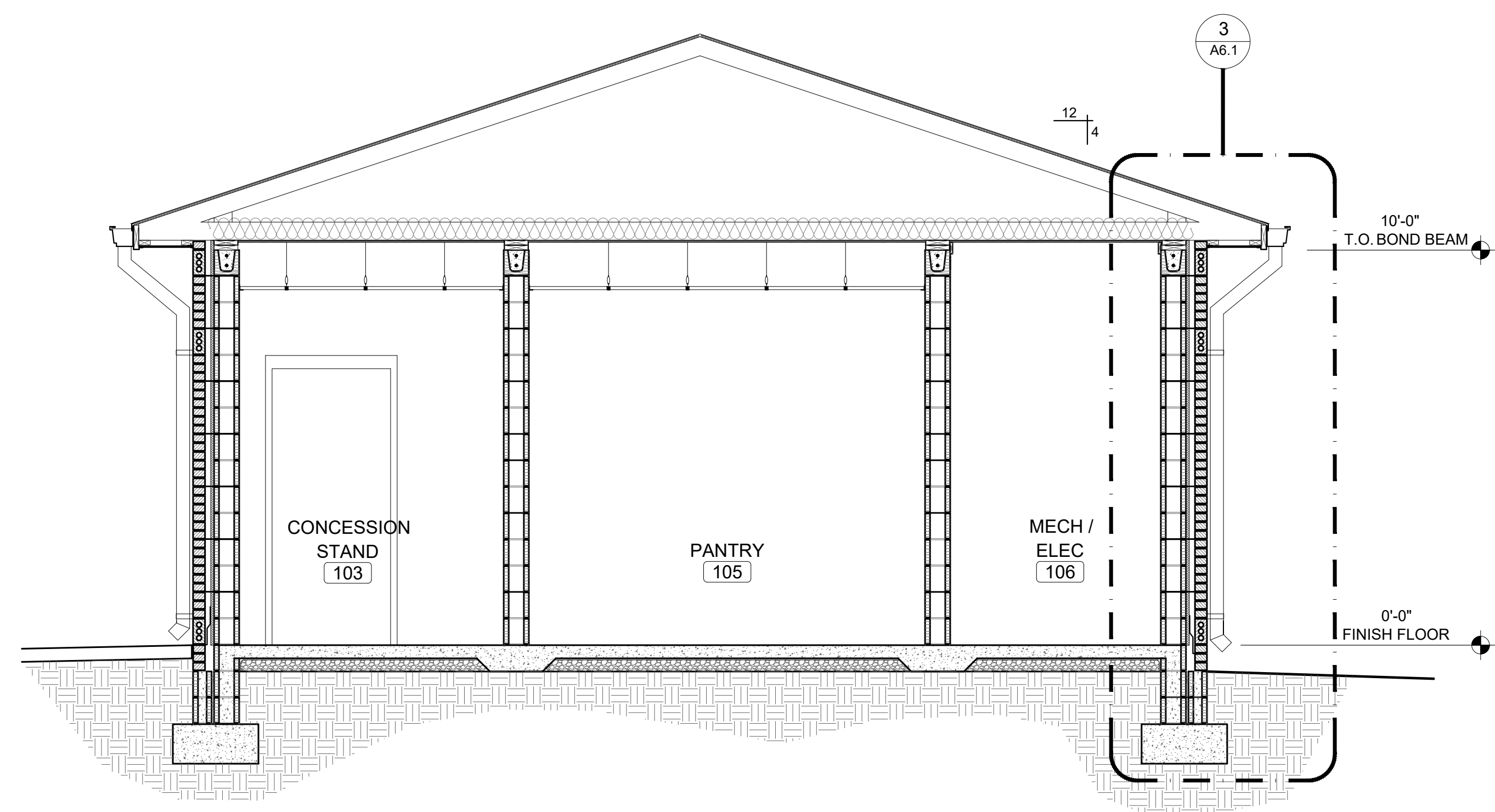
NEW SOFTBALL COMPLEX  
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**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.

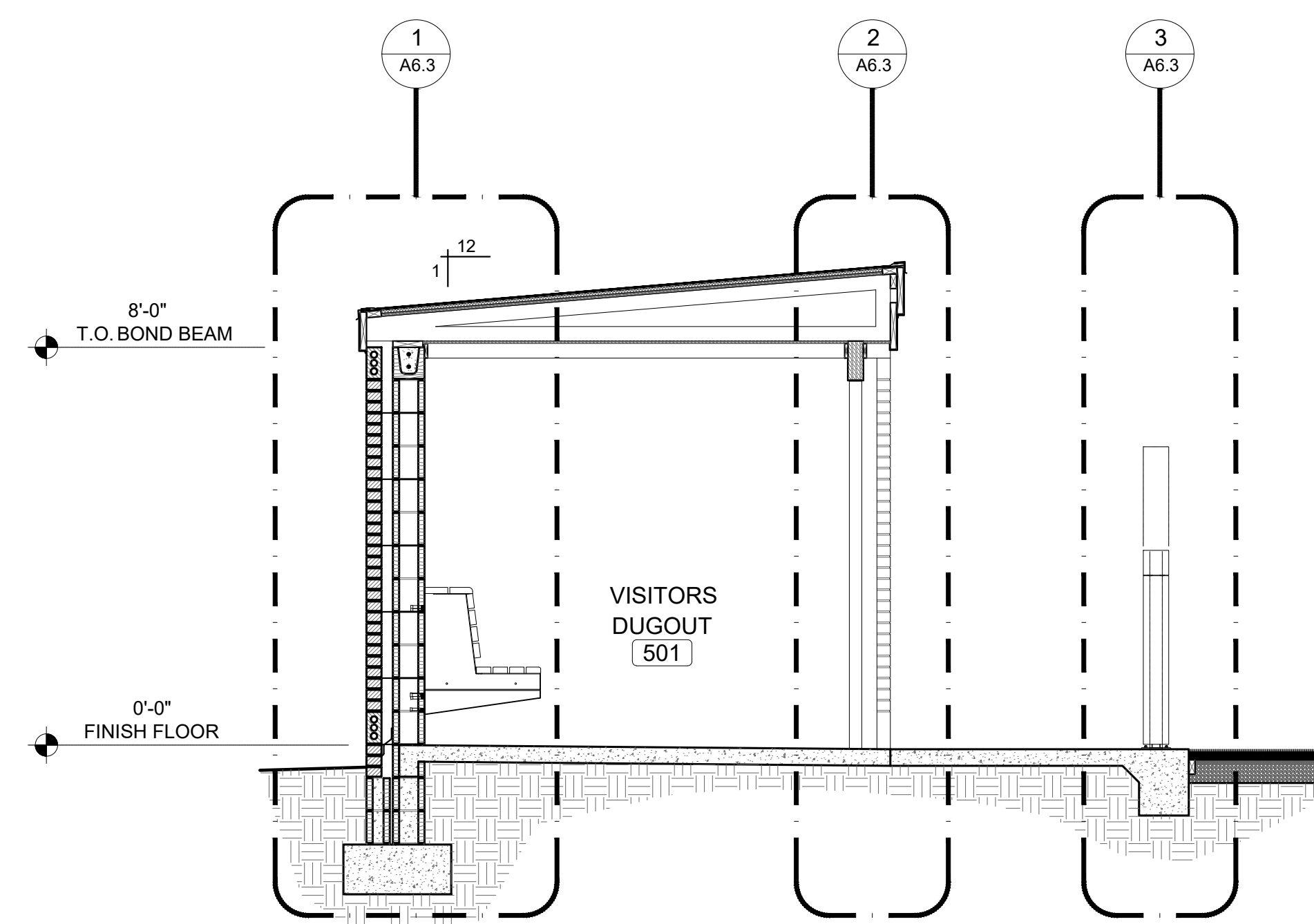
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**AA BUILDING SECTION**  
SCALE: 3/8" = 1'-0"



**BB BUILDING SECTION**  
SCALE: 3/8" = 1'-0"



**CC BUILDING SECTION**  
SCALE: 3/8" = 1'-0"

SHEET TITLE: BUILDING SECTIONS

MCKEE JOB #: 23-199

DRAWN BY: JRB

DATE: JUNE 04, 2024

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO.: **A5.1**

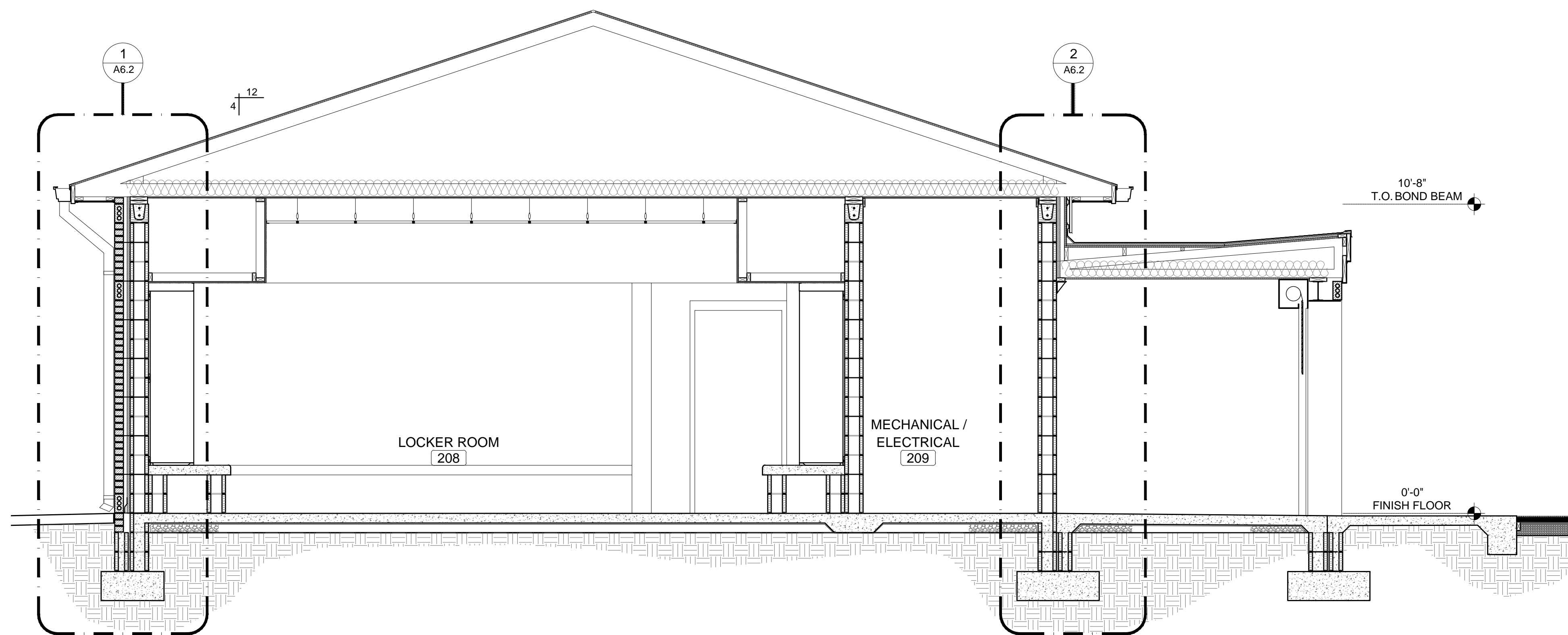




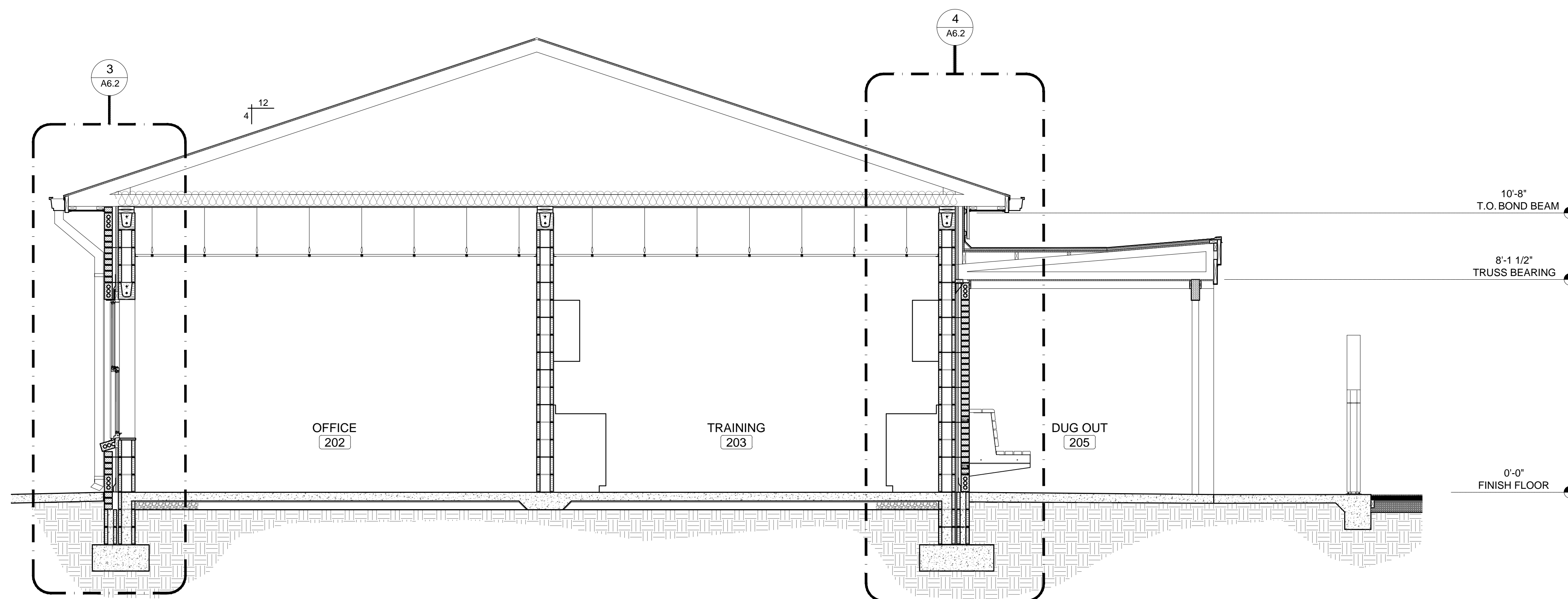
NEW SOFTBALL COMPLEX  
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**DD BUILDING SECTION**  
SCALE: 3/8" = 1'-0"



**EE BUILDING SECTION**  
SCALE: 3/8" = 1'-0"

SHEET TITLE: BUILDING SECTIONS

MCKEE JOB #: 23-199

DRAWN BY: JRB

DATE: JUNE 04, 2024

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO.: **A5.2**

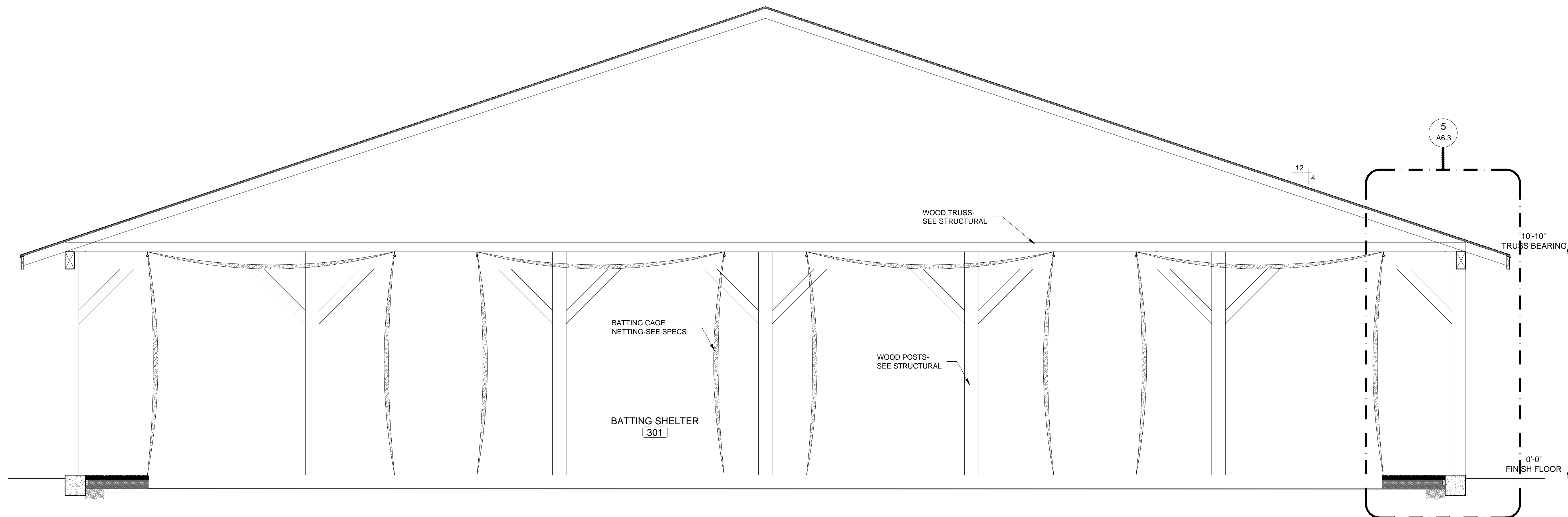




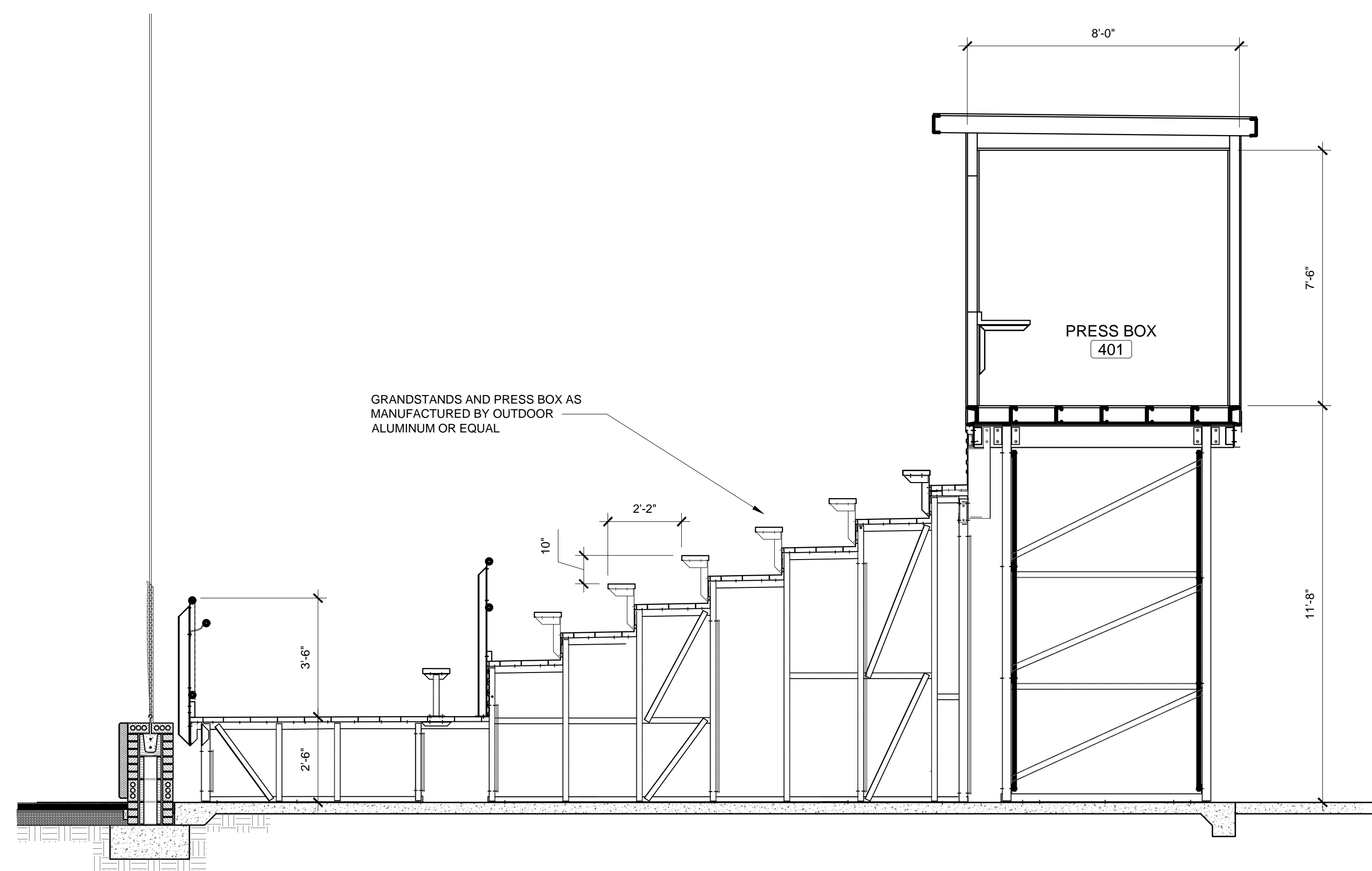
NEW SOFTBALL COMPLEX  
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**FF** BUILDING SECTION  
SCALE: 3/8" = 1'-0"



**GG** BUILDING SECTION  
SCALE: 3/8" = 1'-0"

SHEET TITLE: BUILDING SECTIONS

MCKEE JOB #: 23-199

DRAWN BY: JRB

DATE: JUNE 04, 2024

REVISED DATE:

REVISED DATE:

REVISED DATE:

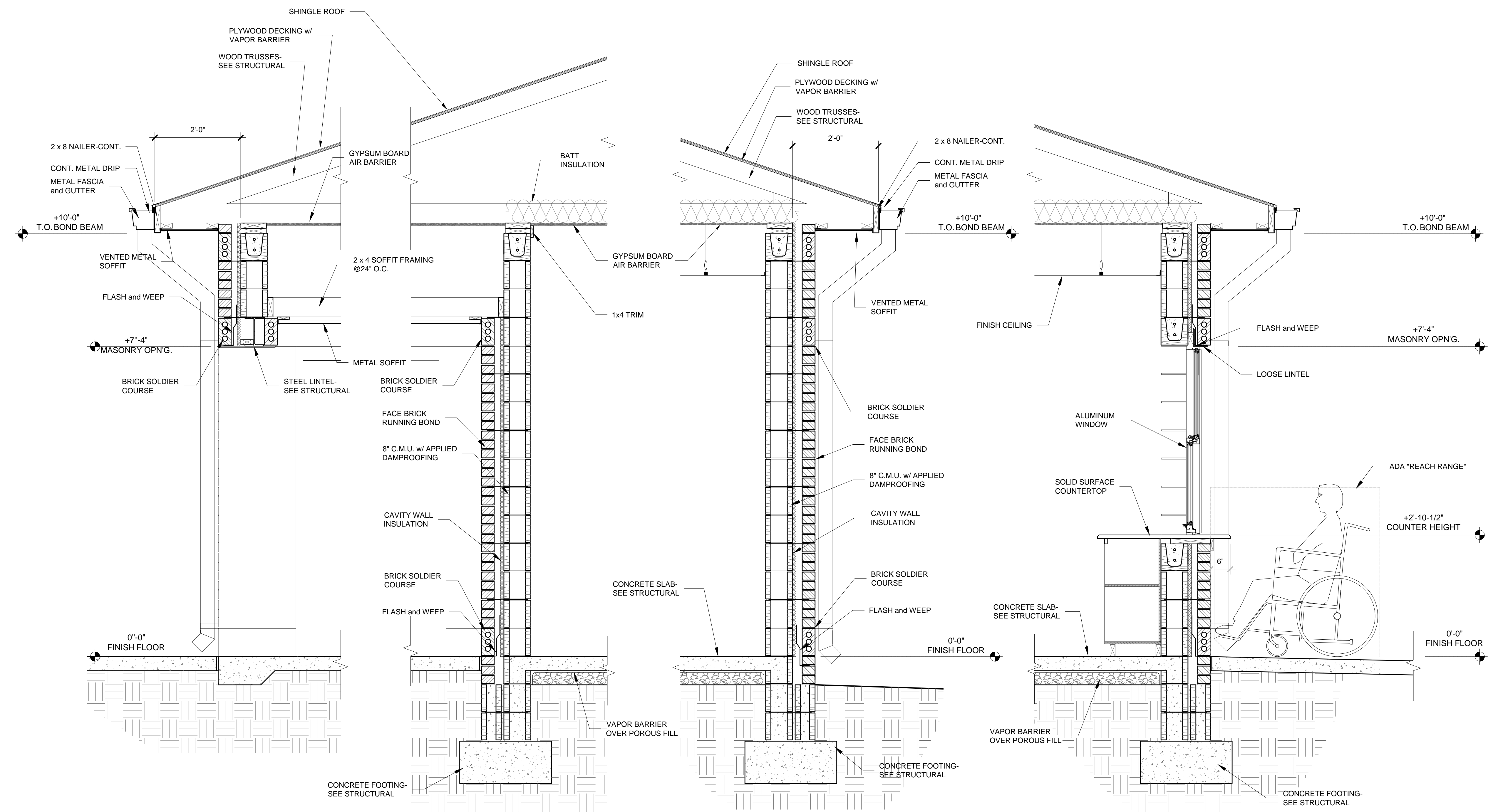
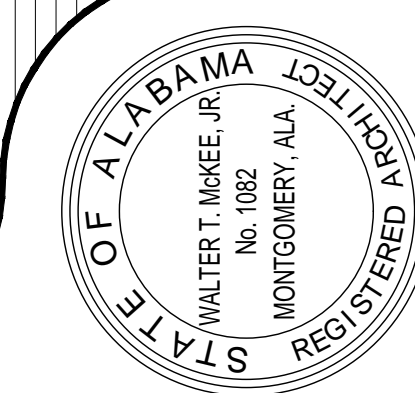
SHEET NO.: **A5.3**





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

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

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

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

SHEET TITLE : SECTIONS  
MCKEE JOB # : 23-199  
DRAWN BY : JRB  
DATE : JUNE 04, 2024  
REVISED DATE :  
REVISED DATE :  
REVISED DATE :

SHEET NO. : A6.1

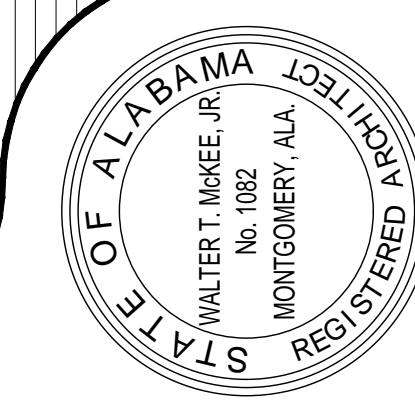




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SHEET TITLE : SECTIONS

MCKEE JOB # : 23-199

DRAWN BY : JRB

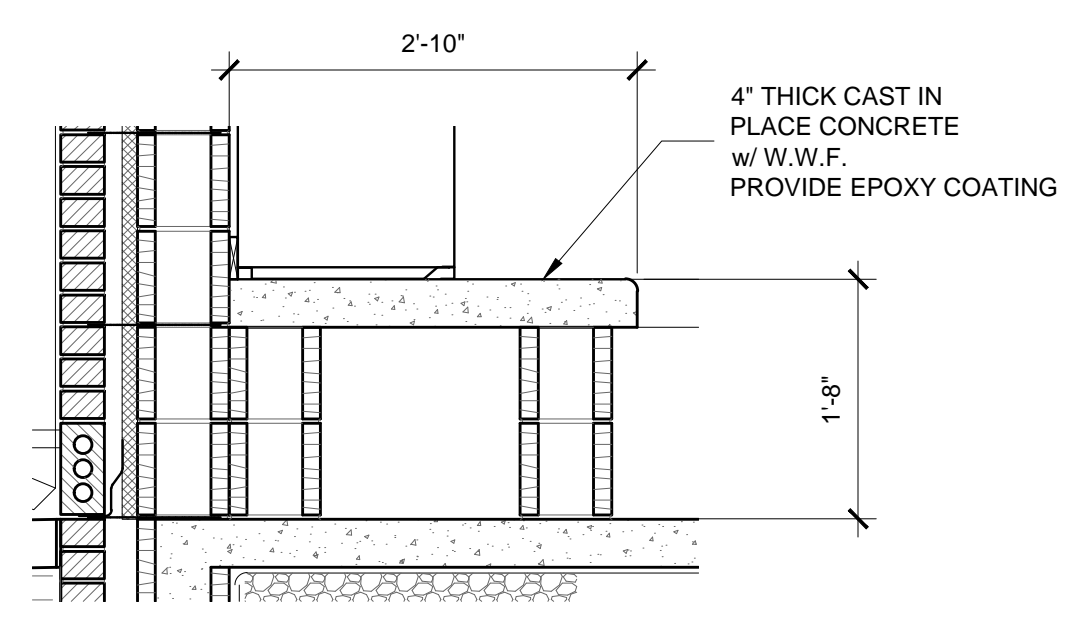
DATE : JUNE 04, 2024

REVISED DATE :

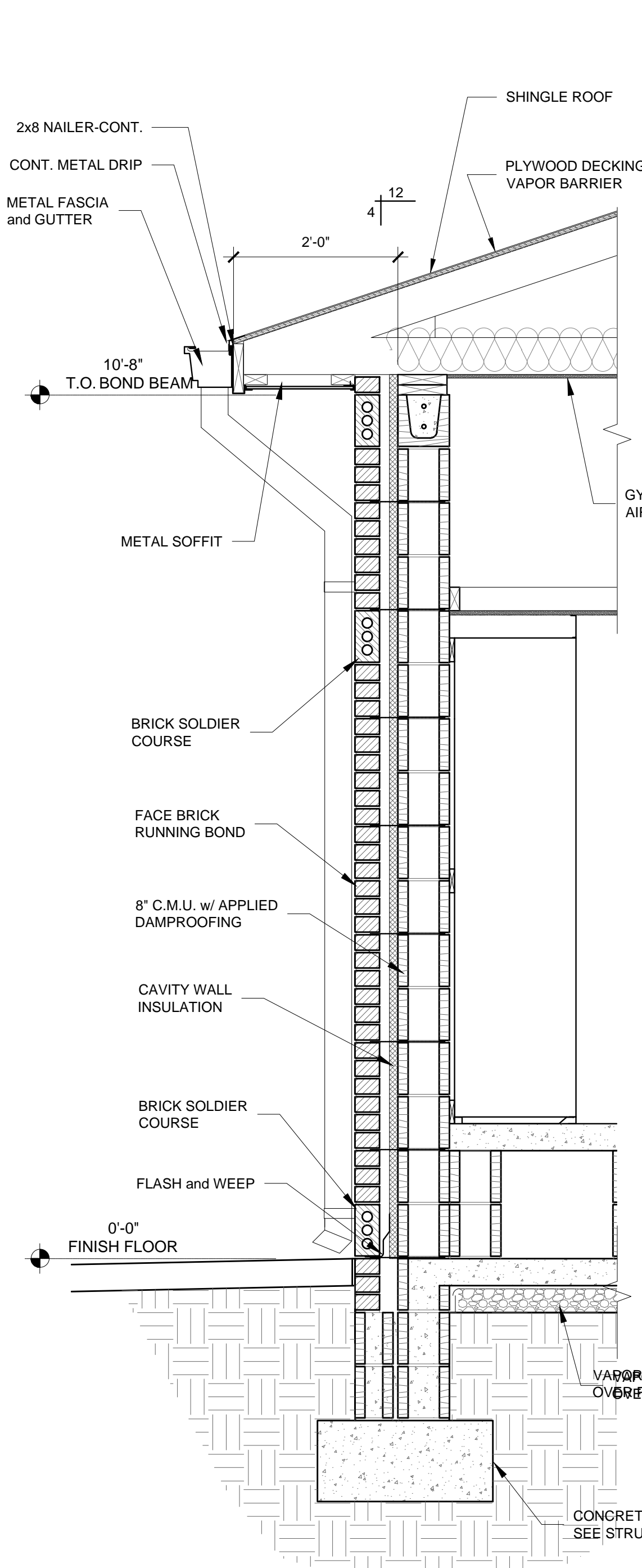
REVISED DATE :

REVISED DATE :

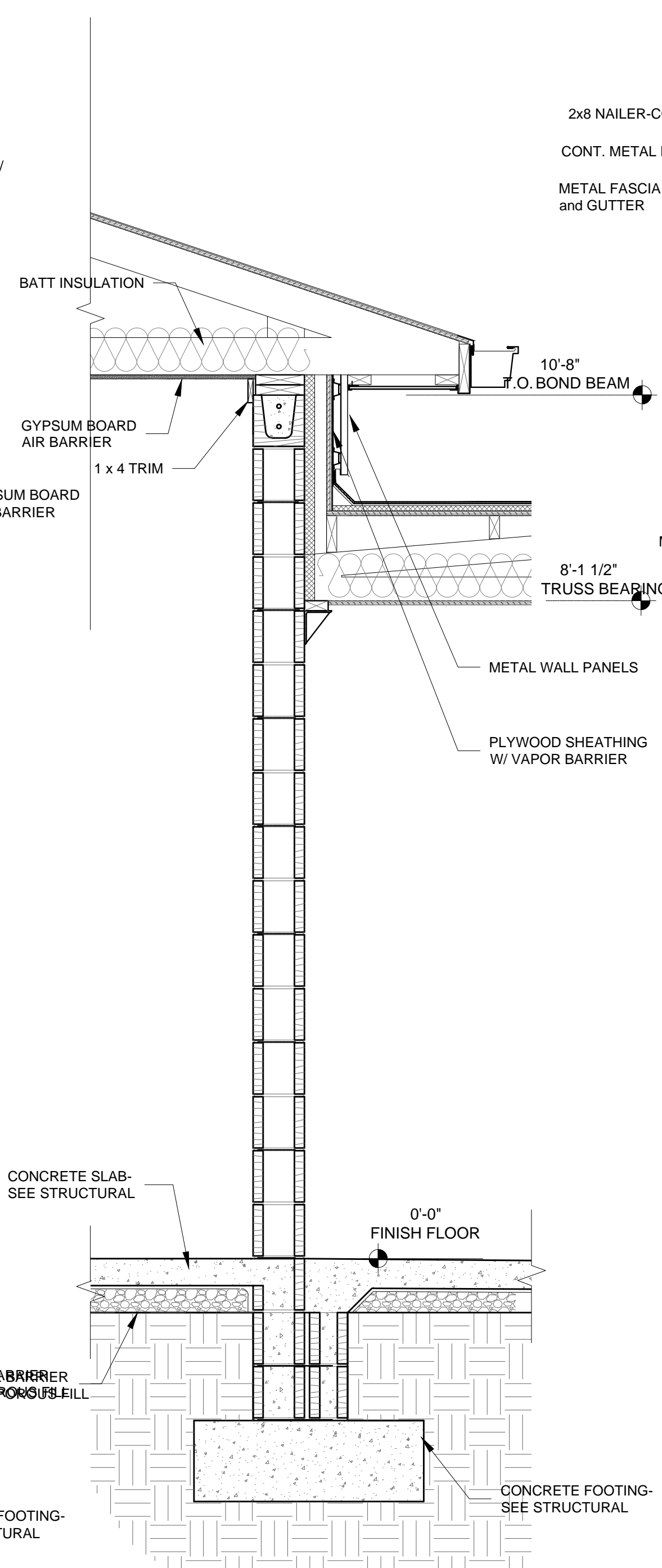
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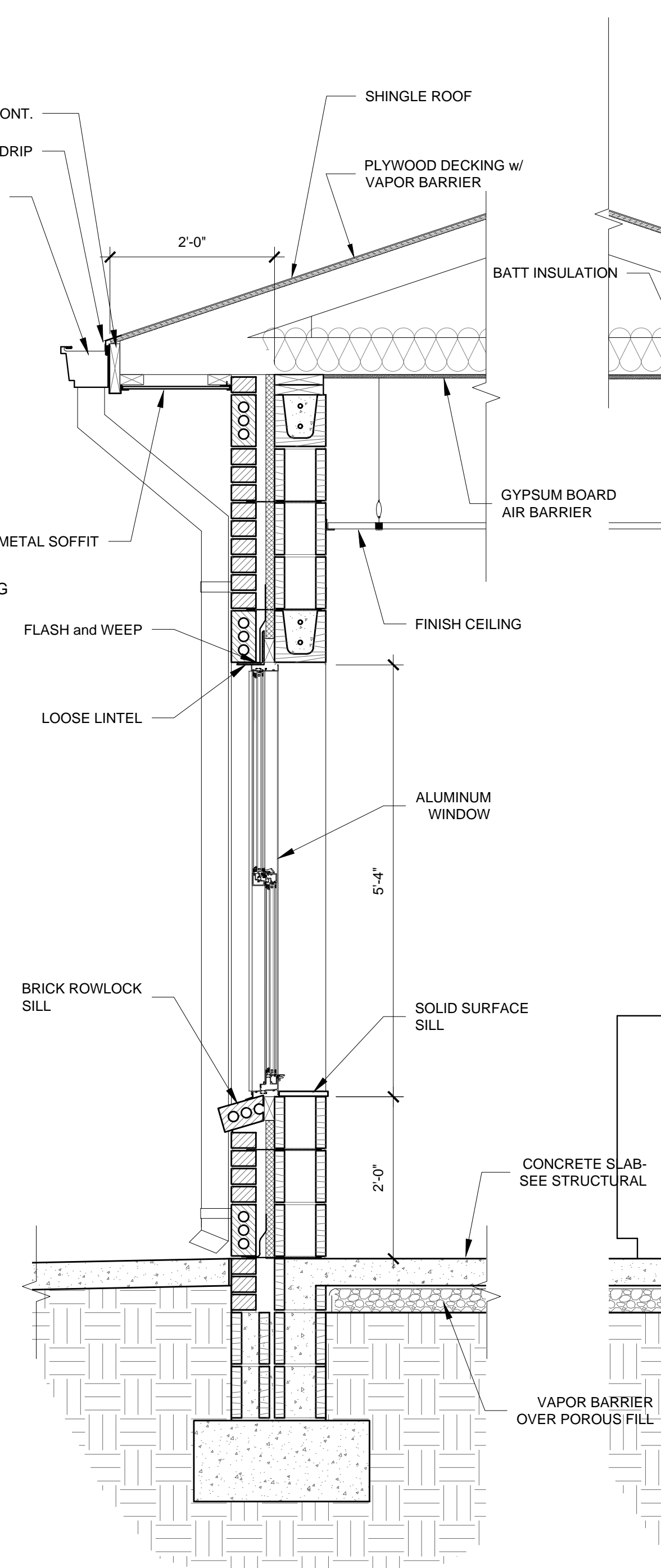
**1a CONCRETE LOCKER BASE**  
SCALE: 3/4" = 1'-0"



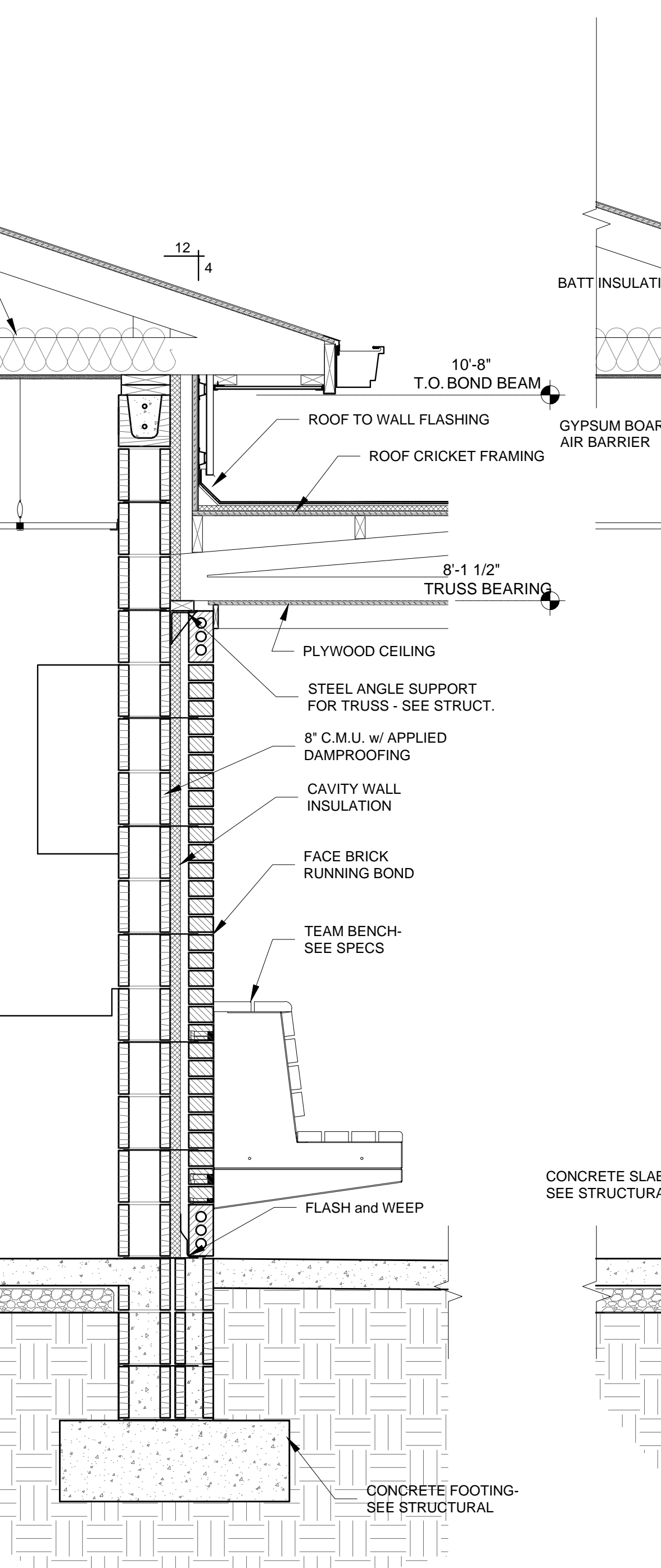
**1 SECTION**  
SCALE: 3/4" = 1'-0"



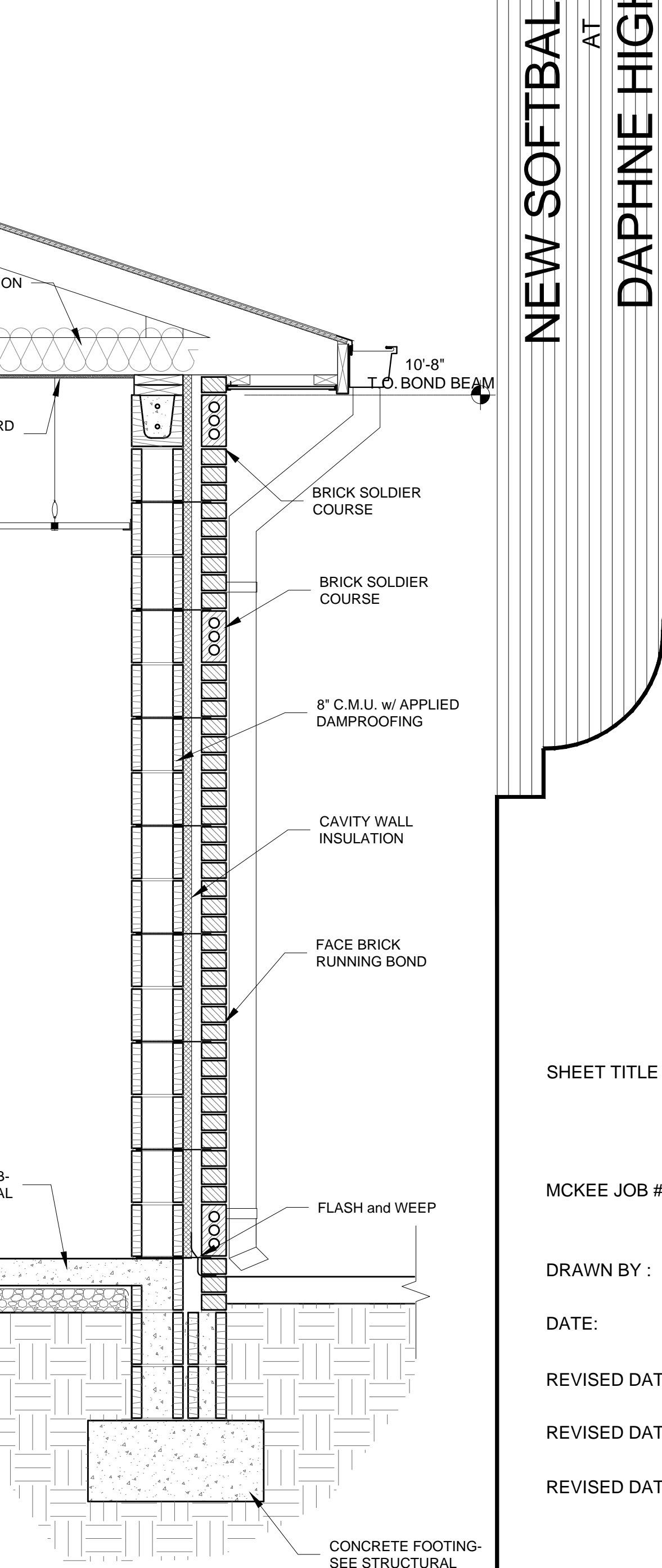
**2 SECTION**  
SCALE: 3/4" = 1'-0"



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



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



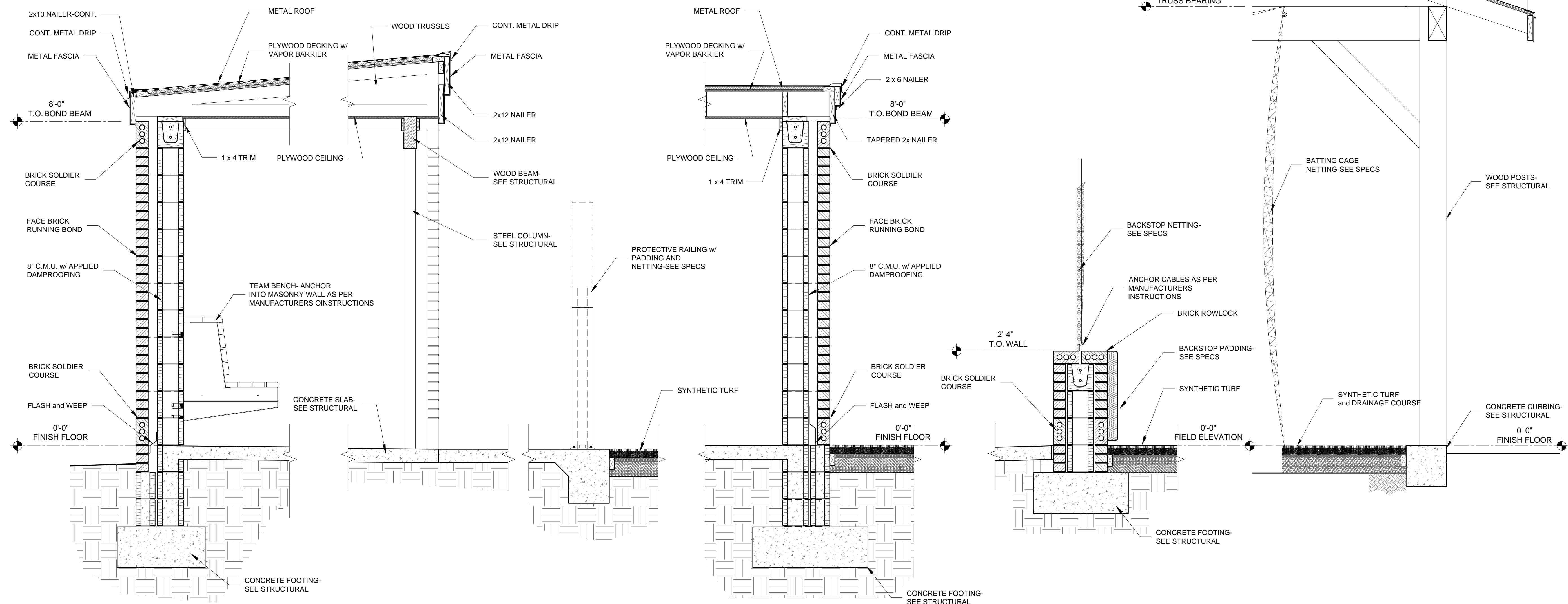
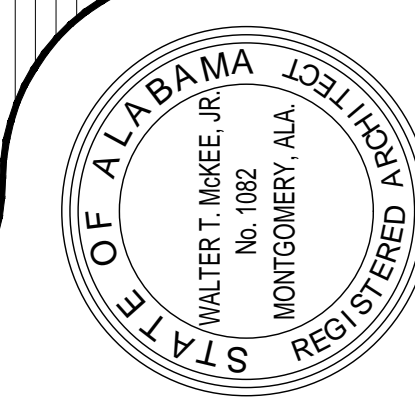
**5 SECTION**  
SCALE: 3/4" = 1'-0"





**NEW SOFTBALL COMPLEX**  
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**FOR THE**  
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**1 SECTION**  
 SCALE: 3/4" = 1'-0"

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

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

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

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

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

SHEET TITLE : SECTIONS  
 MCKEE JOB # : 23-199  
 DRAWN BY : JRB  
 DATE : JUNE 04, 2024  
 REVISED DATE :  
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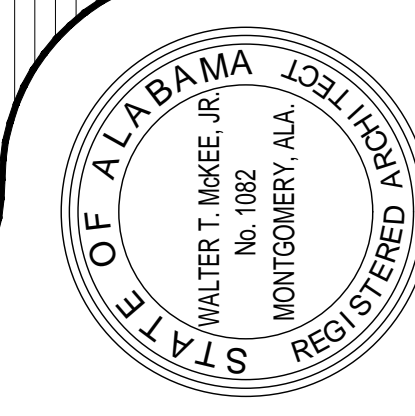
SHEET NO. : **A6.3**





NEW SOFTBALL COMPLEX  
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### ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS			CEILING		WAINS.	HEIGHT	REMARKS	
				NORTH	SOUTH	EAST	WEST	TYPE				HEIGHT
				PART - A								
101	MALE TOILET	SC	---	CMUP	CMUP	CMUP	CMUP	GBP	SEE RCP	---	---	
102	FEMALE TOILET	SC	---	CMUP	CMUP	CMUP	CMUP	GBP	SEE RCP	---	---	
103	CONCESSION STAND	SC	---	CMUP	CMUP	CMUP	CMUP	LVC	SEE RCP	---	---	
104	UTILITY	SC	---	CMUP	CMUP	CMUP	CMUP	GBP	SEE RCP	---	---	
105	PANTRY	SC	---	CMUP	CMUP	CMUP	CMUP	LVC	SEE RCP	---	---	
106	MECHANICAL / ELECTRICAL	SC	---	CMUP	CMUP	CMUP	CMUP	GBP	SEE RCP	---	---	
201	VESTIBULE	EP	EP	CMUP	CMUP	CMUP	CMUP	LAC	SEE RCP	---	---	
202	OFFICE	EP	EP	CMUP	CMUP	CMUP	CMUP	LAC	SEE RCP	---	---	
203	TRAINING	EP	EP	CMUP	CMUP	CMUP	CMUP	LAC	SEE RCP	---	---	
204	STORAGE	SC	---	CMUP	CMUP	CMUP	CMUP	PLY	SEE RCP	---	---	
205	DUGOUT	SC	---	---	---	---	---	PLY	SEE RCP	---	---	
206	TOILET	EP	EP	CMUP	CMUP	CMUP	PT	LVC	SEE RCP	---	---	
207	LAUNDRY	EP	EP	CMUP	CMUP	CMUP	CMUP	LVC	SEE RCP	---	---	
208	LOCKER ROOM	EP	EP	CMUP	CMUP	CMUP	CMUP	LVC/GBP	SEE RCP	---	---	
209	MECHANICAL / ELECTRICAL	SC	---	CMUP	CMUP	CMUP	CMUP	GBP	SEE RCP	---	---	
501	VISITORS DUGOUT	SC	---	CMUP	CMUP	---	CMUP	PLY	SEE RCP	---	---	

### DOOR SCHEDULE

DOOR #	WIDTH	HEIGHT	THICKNESS	MATERIALS	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME FINISH	LABEL	DETAILS		SIGNAGE	REMARKS
										HEAD	JAMB		
101	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	MEN	
102	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	WOMEN	
103	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	CONCESSIONS	
104	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	UTILITY	
105	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	PANTRY	
106	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	MECHANICAL / ELECTRICAL	
201a	4'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---		
201b	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---		
202	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	COACH	
203	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	TRAINING	
204a	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	STORAGE	
204b	10'-0"	7'-0"	---	COILING DOOR	B	FACTORY	---	FACTORY	---	---	---		
207	4'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	20 MIN.	---	---	LAUNDRY	
208	3'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	LOCKER ROOM	
209	4'-0"	7'-2"	1 3/4"	FRP	A	FACTORY	SF1	FACTORY	---	---	---	MECHANICAL / ELECTRICAL	

#### SIGN MOUNTING HEIGHT

**703.4.1 HEIGHT ABOVE FINISH FLOOR OF GROUND**  
TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1220 mm) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER, AND 60 INCHES (1525 mm) MAXIMUM ABOVE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.  
EXCEPTION: BRAILLE PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/8 INCHES (4.8 mm) MINIMUM AND SHALL BE LOCATED EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED CHARACTERS OR SYMBOLS.

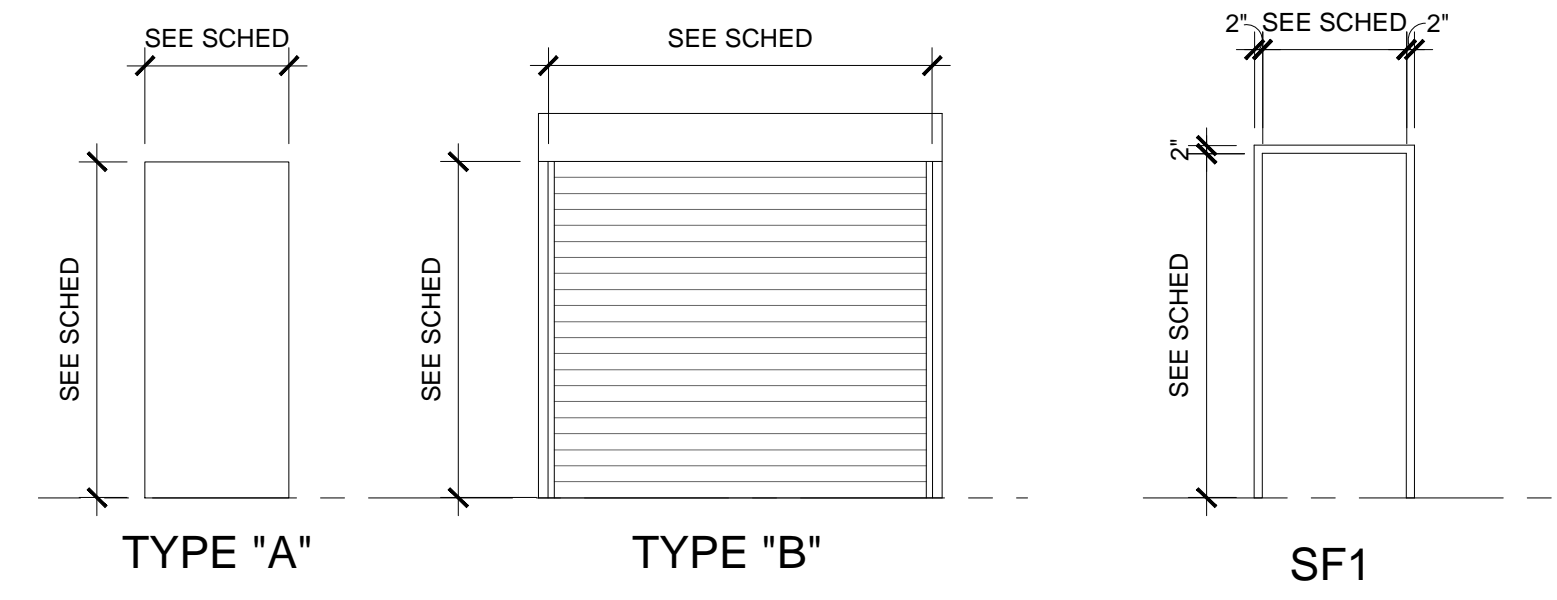
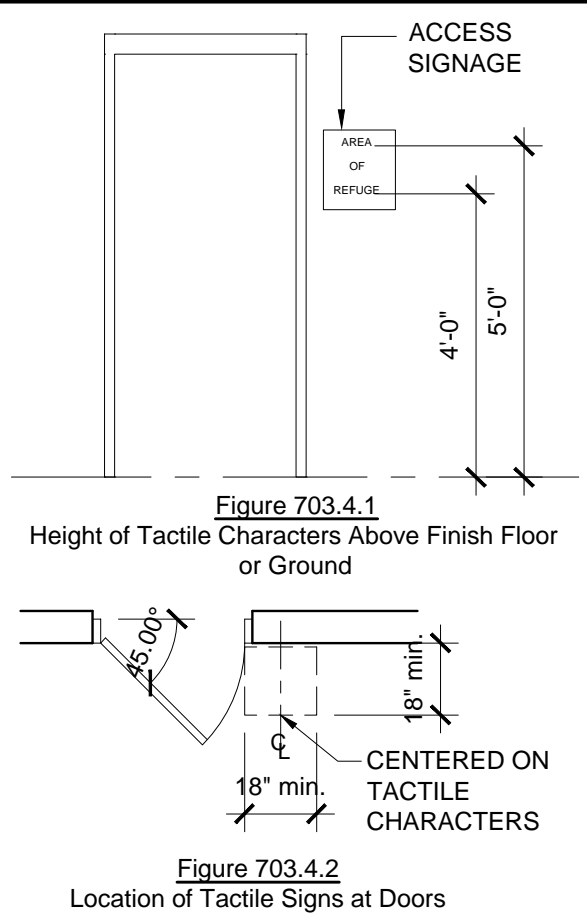
**703.4.2 LOCATION**  
WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT THE CLEAR FLOOR SPACE OF 18 INCHES (455 mm) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSEST POSITION AND 45 DEGREE OPEN POSITION.  
EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.

#### SIGNAGE NOTES:

FURNISH INDIVIDUAL PLASTIC LAMINATE SIGNAGE SYSTEM WITH ROOM OR OCCUPANT'S NAME AND ROOM NUMBER. FINAL WORDING TO BE FURNISHED WHEN SHOP DRAWINGS FOR SIGNAGE SYSTEM ARE SUBMITTED.

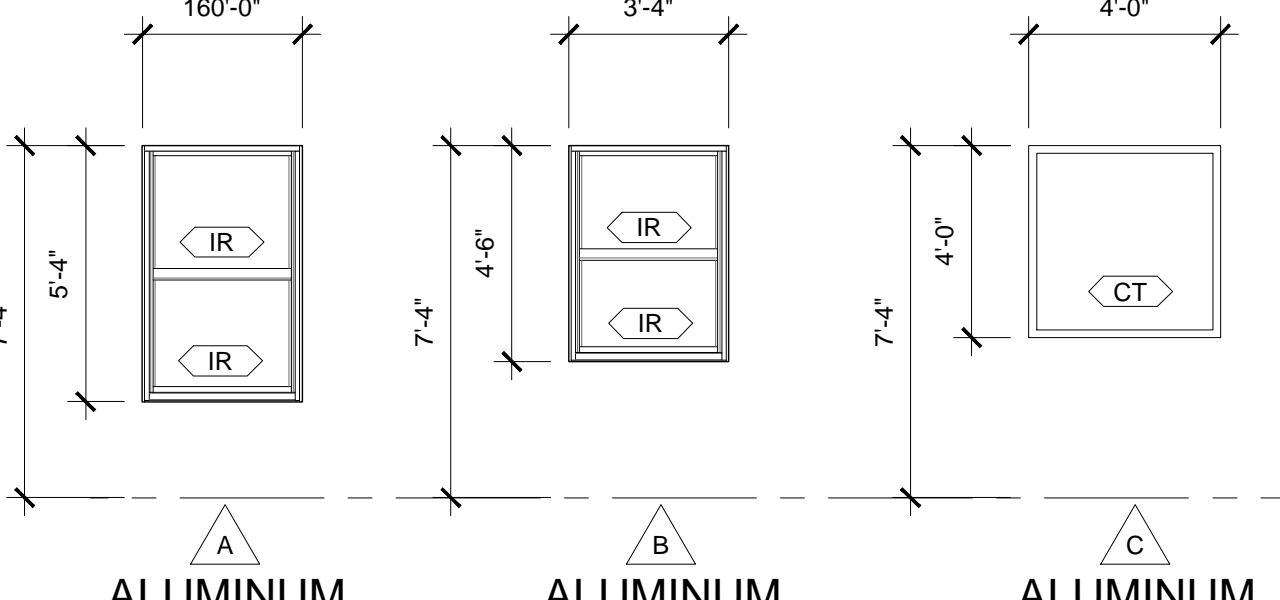
#### LABELLED DOOR AND FRAME NOTE:

HOURLY RATING DESIGNATIONS AND / OR ALPHABETICAL LETTER DESIGNATIONS ARE GIVEN WHERE PROTECTED OPENINGS ARE REQUIRED IN RATED PARTITIONS. THESE OPENING PROTECTIVE ASSEMBLIES SHALL INCLUDE THE FRAME, DOOR, HARDWARE, CLOSING DEVICE, SILL AND ANCHORAGE. CONTRACTOR SHALL SEE THAT NO COMPONENT IS OMITTED OR SUBSTANDARD QUALITY USED SUCH THAT THE EFFECTIVENESS OF THE ENTIRE OPENING AS A FIRE OR SMOKE BARRIER MIGHT BE JEOPARDIZED. DOORS AND FRAMES SHALL BE FURNISHED WITH UNDERWRITER'S LABORATORIES OR WARNOCKHERSEY LABELS WITH APPROPRIATE FIRE RESISTANCE RATINGS FOR THE CLASS OF OPENING SCHEDULED. SUBJECT TO DOOR MANUFACTURER'S PROCEDURAL LIMITATIONS, LABELS SHOULD BEAR THE FOLLOWING NOTATION: "FIRE DOOR, TO BE EQUIPPED WITH FIRE EXIT HARDWARE"



TYPICAL DOOR TYPES  
SCALE: 1/4" = 1'-0"

GLAZING SCHEDULE	
SYMBOL	DESCRIPTION
<CT>	CLEAR TEMPERED
<IR>	IMPACT RESISTANT-TINTED



ALUMINUM WINDOW TYPES  
SCALE: 1/4" = 1'-0"

SHEET TITLE : SCHEDULES

MCKEE JOB # : 23-199

DRAWN BY : JRB

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :

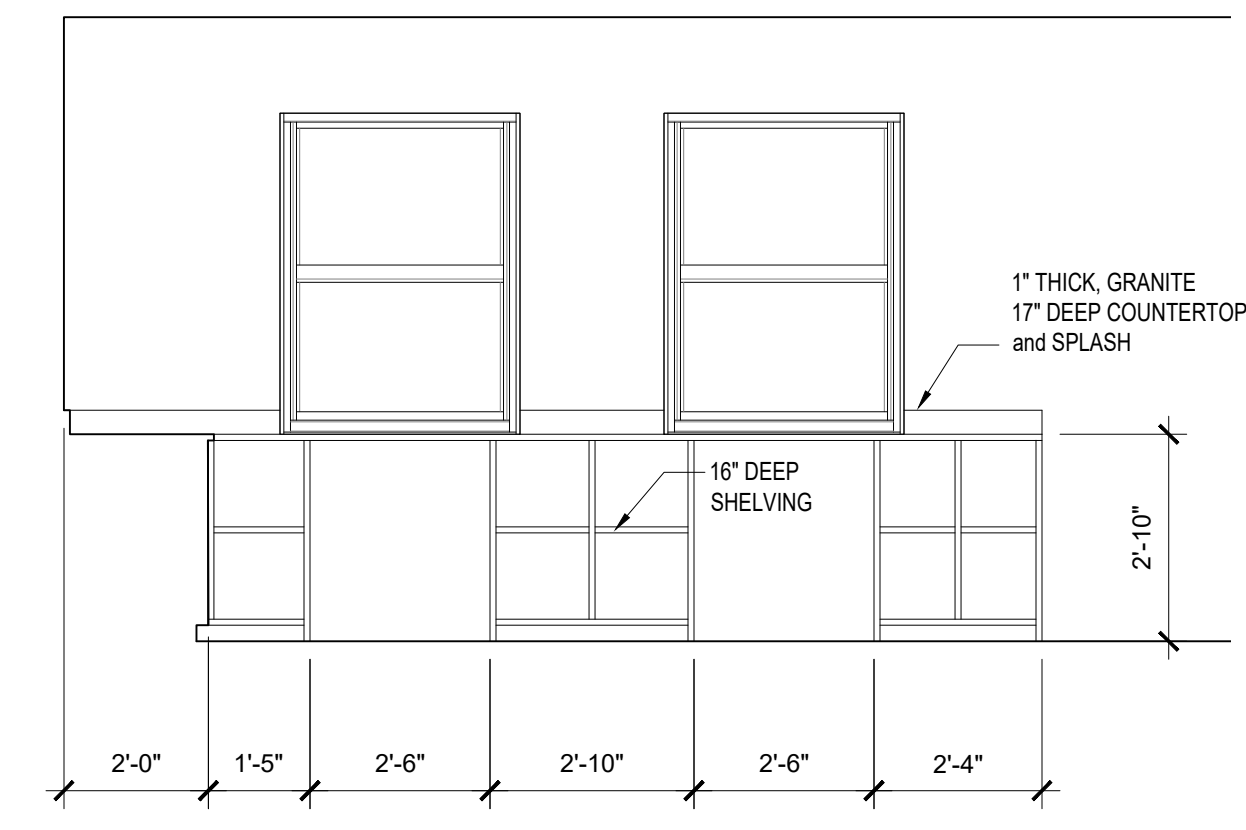
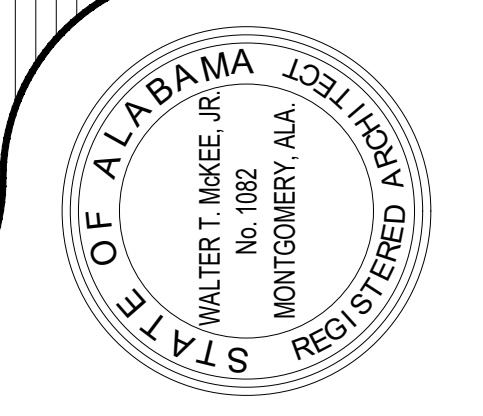
SHEET NO. : A8.1



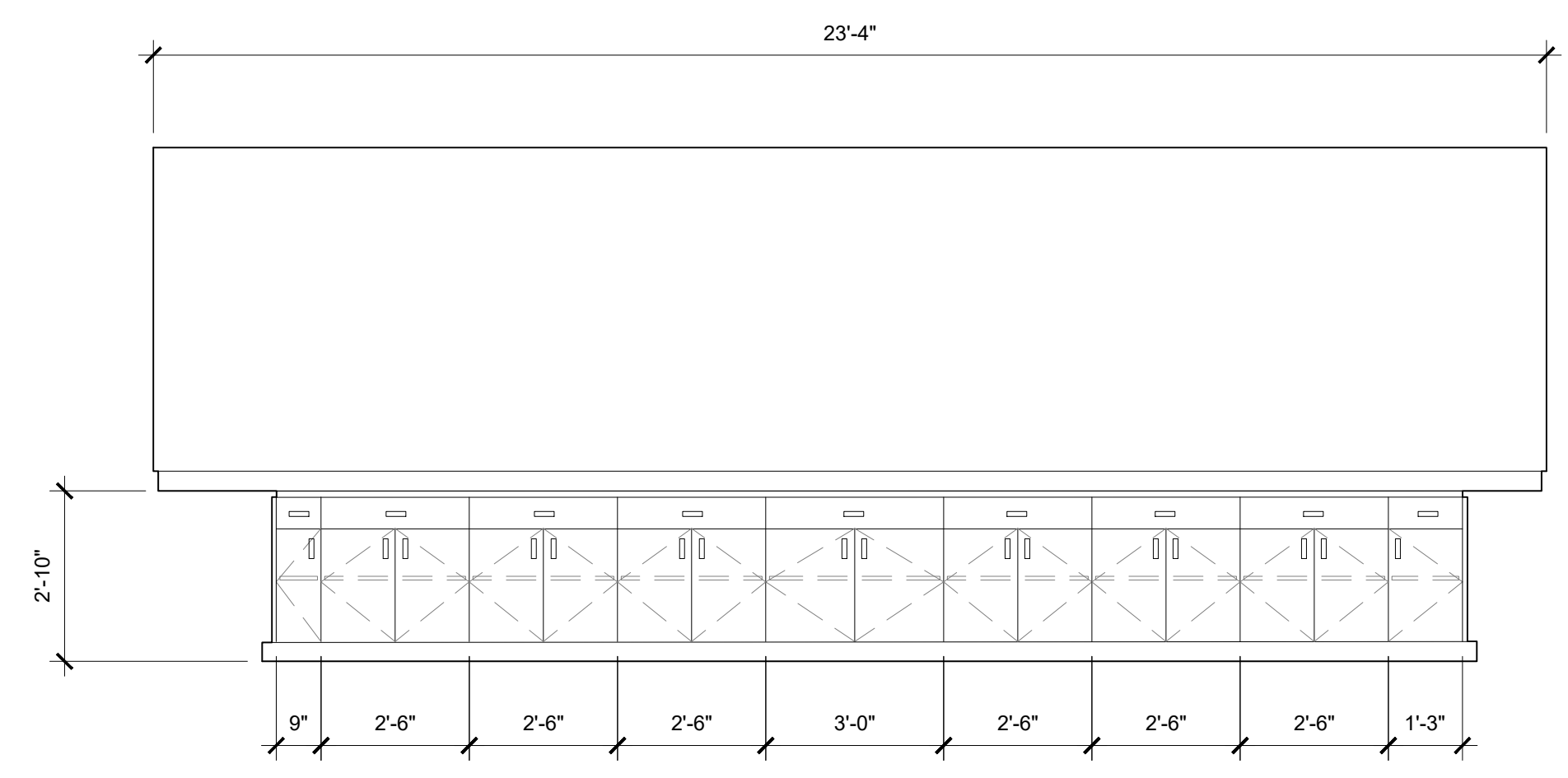


NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

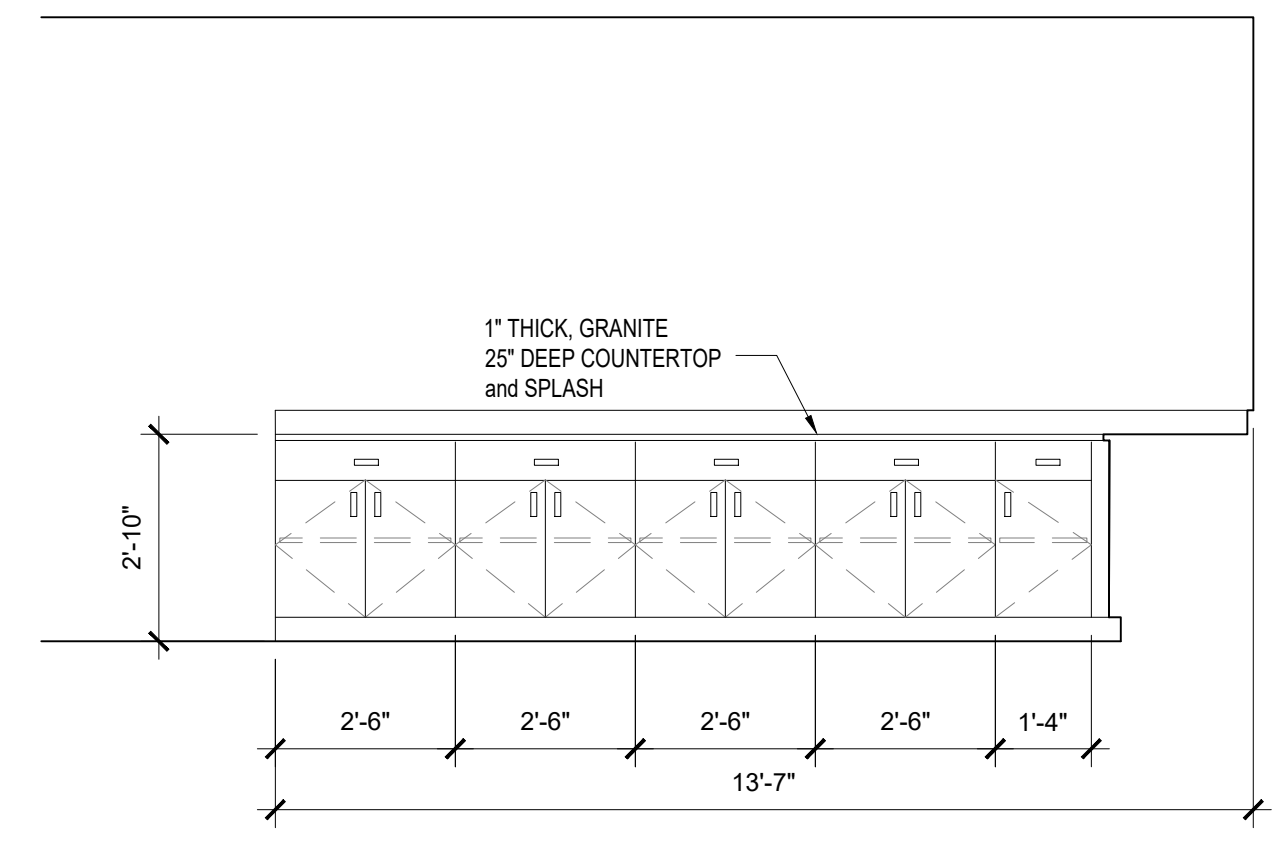
**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



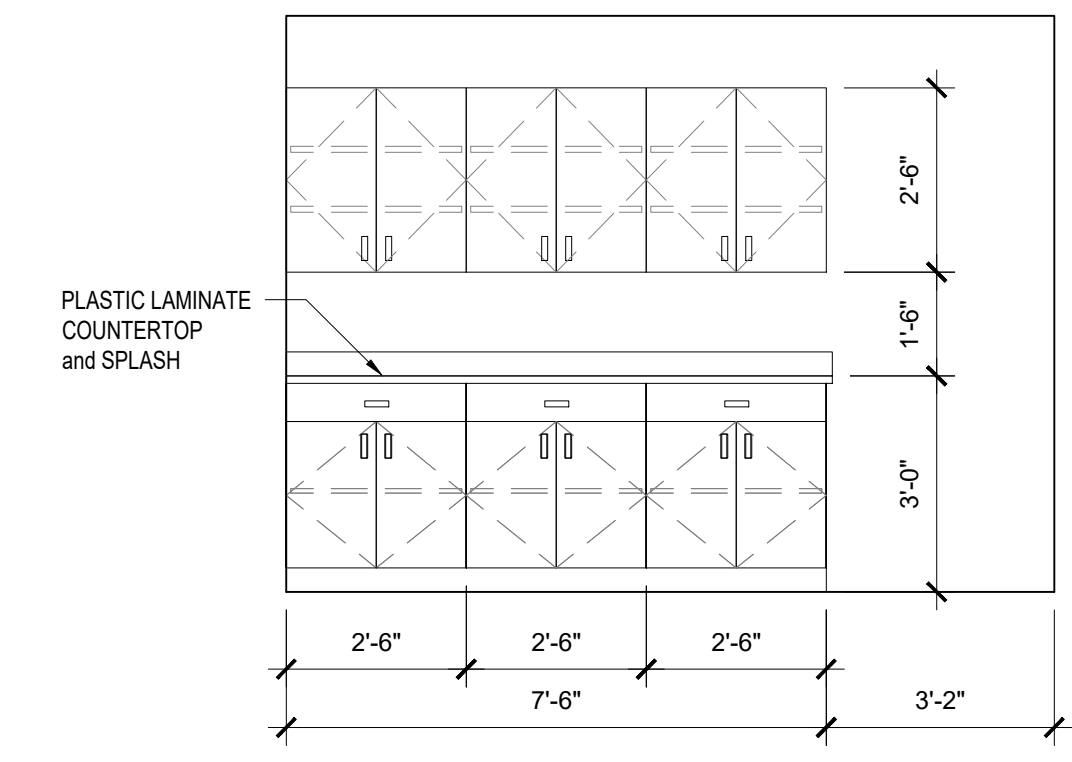
1 CASEWORK ELEVATION  
SCALE: 3/8"=1'-0"



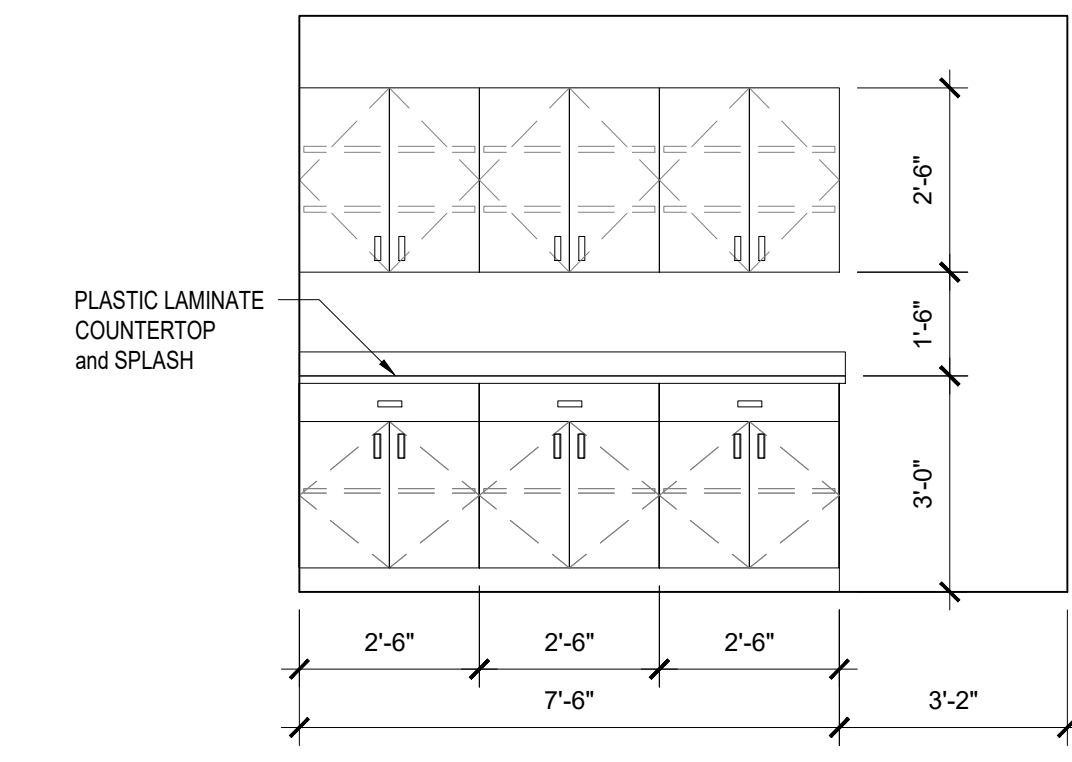
2 CASEWORK ELEVATION  
SCALE: 3/8"=1'-0"



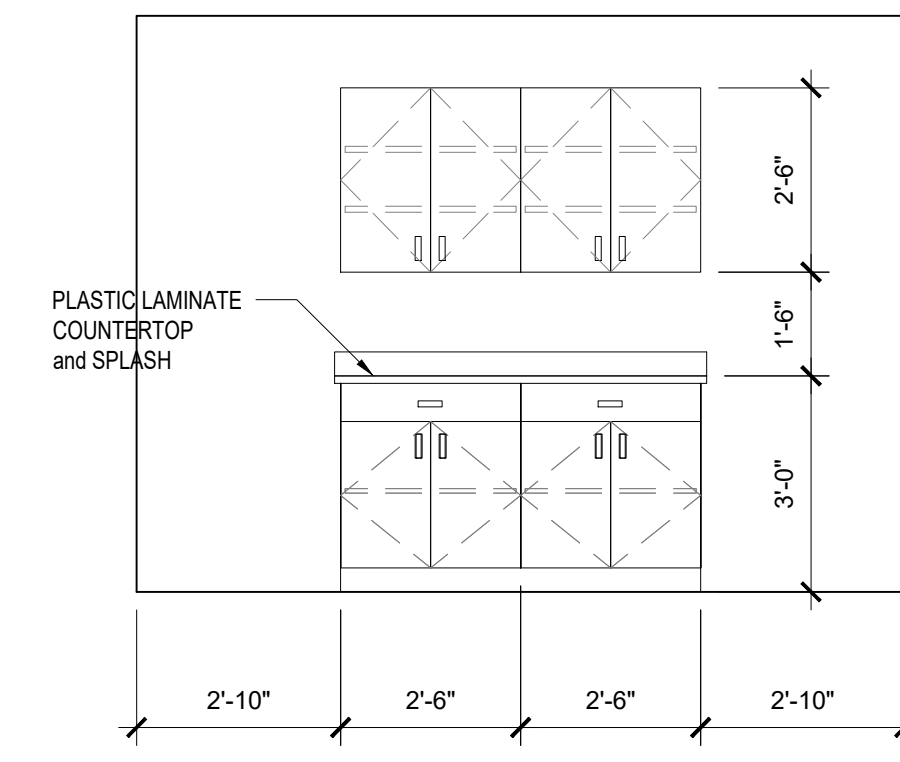
3 CASEWORK ELEVATION  
SCALE: 3/8"=1'-0"



4 CASEWORK ELEVATION  
SCALE: 3/8"=1'-0"



5 CASEWORK ELEVATION  
SCALE: 3/8"=1'-0"



6 CASEWORK ELEVATION  
SCALE: 3/8"=1'-0"

SHEET TITLE : CASEWORK ELEVATIONS

MCKEE JOB # : 23-199

DRAWN BY : JRB

DATE: JUNE 04, 2024

REVISED DATE:

REVISED DATE:

REVISED DATE:

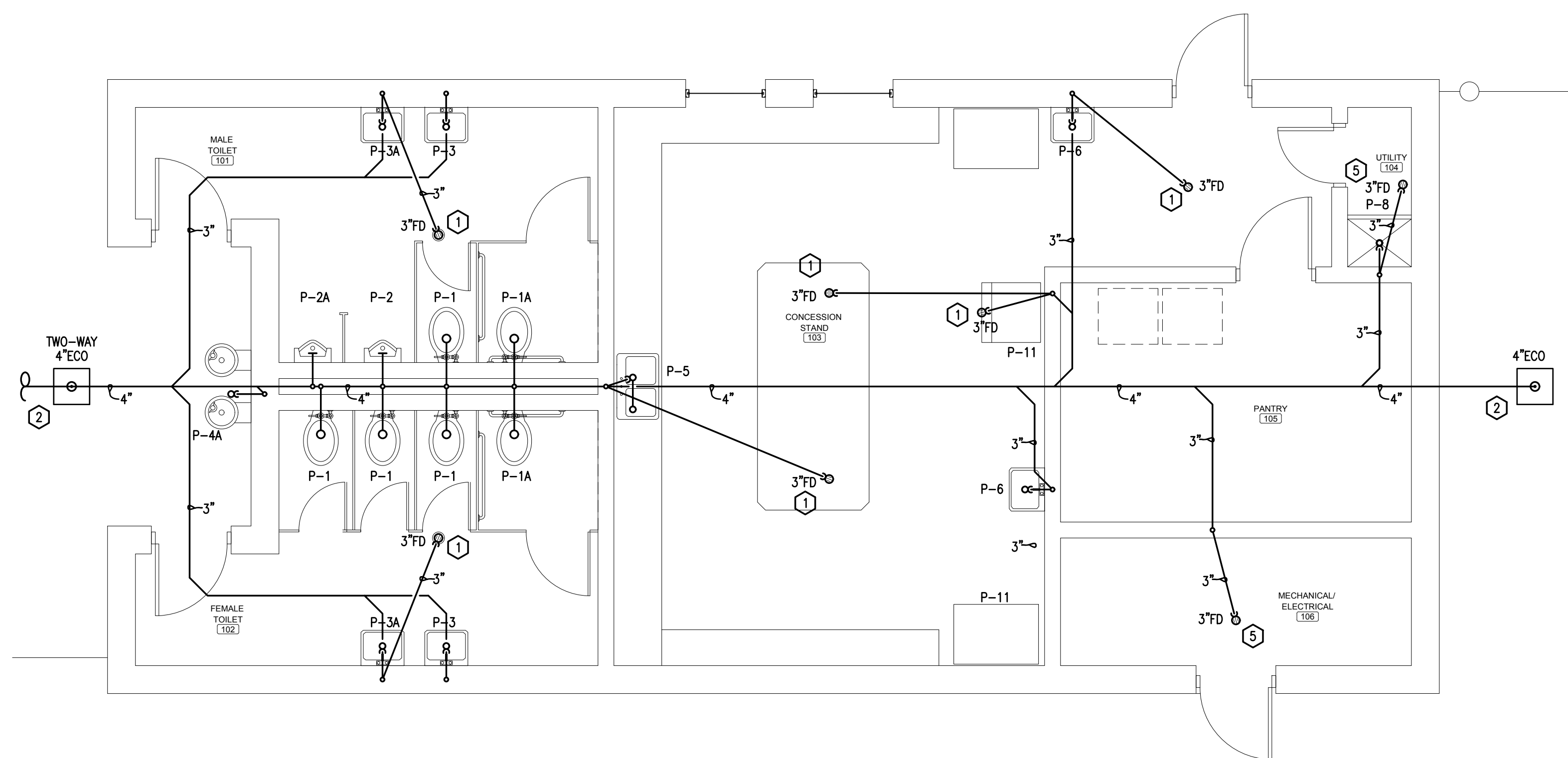
SHEET NO. : A9.1





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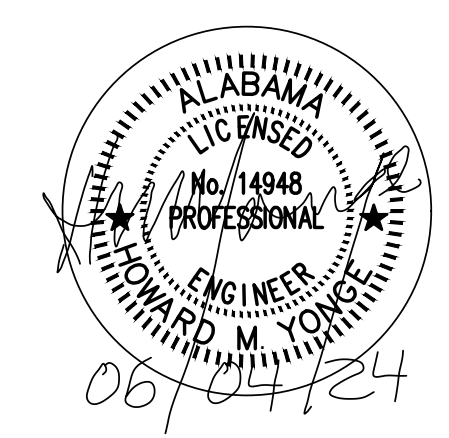
 **SANITARY WASTE - CONCESSION / TOILET BUILDING**  
SCALE: 1/4"=1'-0"

**SANITARY WASTE GENERAL NOTES:**

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE-RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. UNDERGROUND SANITARY WASTE AND VENT PIPING SHALL BE SMOKE TESTED PRIOR TO INSTALLATION OF PLUMBING FIXTURES.
3. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
4. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
5. ALL HORIZONTAL PORTIONS OF THE SANITARY WASTE PIPING SERVING FOR CONDENSATE DISPOSAL SHALL BE INSULATED WITH 1" THICK SECTIONAL FIBERGLASS INSULATION WITH AN "ASJ" JACKET. INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. CONDENSATE DRAIN TRAP SHALL ALSO BE INSULATED.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTRS AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTRS PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

**SANITARY WASTE KEYNOTES:**

- 1 EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
- 2 CLEANOUT TO BE COMPLETELY SERVICE ACCESSIBLE.
- 3 DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT. COORDINATE FINAL LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.
- 4 DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT LOCATED ABOVE. COORDINATE LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.
- 5 PROVIDE DRAIN WITH TRAPGUARD (OR EQUAL) AS A TRAP PRIMER ALTERNATE.



SHEET TITLE : SANITARY WASTE PLAN - CONCESSION/ TOILET BUILDING  
MCKEE JOB # : 23-199  
DRAWN BY : D. B.  
DATE : 06.04.2024  
REVISED DATE :  
REVISED DATE :



SHEET NO. : **P1.1**





NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**McKee and Associates**  
ARCHITECTS, INC.

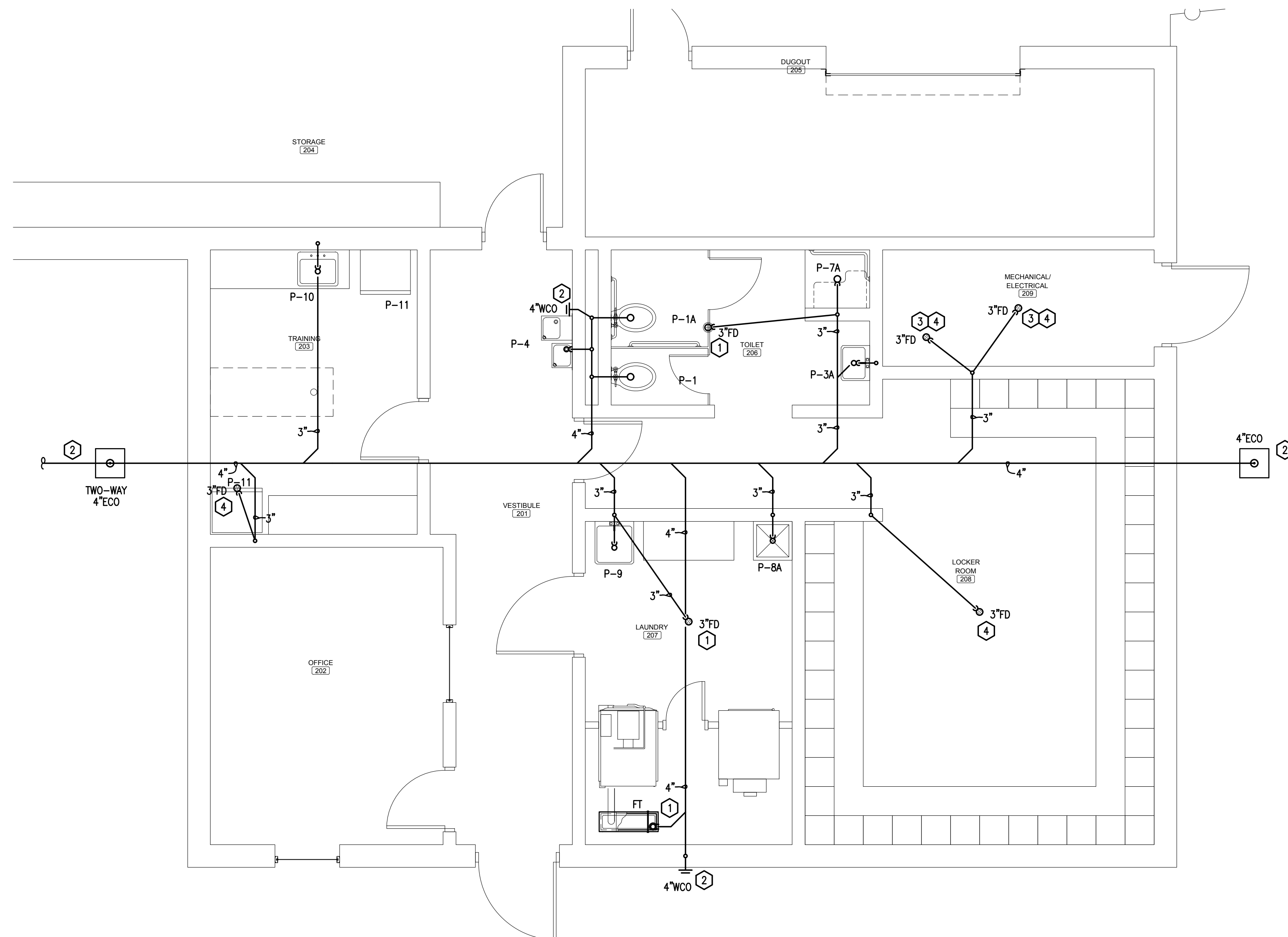
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**SANITARY WASTE GENERAL NOTES:**

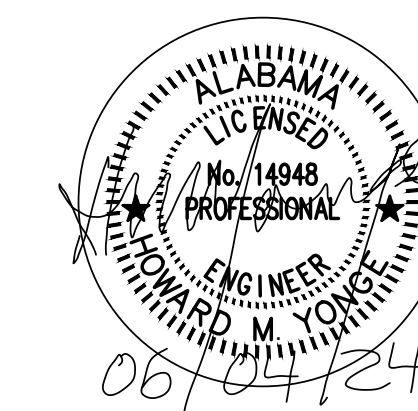
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4. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
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7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTRS AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTRS PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

**SANITARY WASTE KEYNOTES:**

- 1 EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
- 2 WALL CLEANOUT TO BE COMPLETELY SERVICE ACCESSIBLE ON WALL.
- 3 DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT. COORDINATE FINAL LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.
- 4 PROVIDE "TRAP GUARD" (OR EQUAL) AS TRAP PRIMER ALTERNATE.



**SANITARY WASTE PLAN-SOFTBALL FIELD HOUSE**  
SCALE: 1/4"=1'-0"



SHEET TITLE : SANITARY WASTE PLAN - SOFTBALL FIELD HOUSE

MCKEE JOB # : 23-199

DRAWN BY : D. B.

DATE : 06.04.2024

REVISED DATE:

REVISED DATE:

REVISED DATE:



SHEET NO. : **P1.2**





NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**McKee and Associates**  
ARCHITECTS, INC.

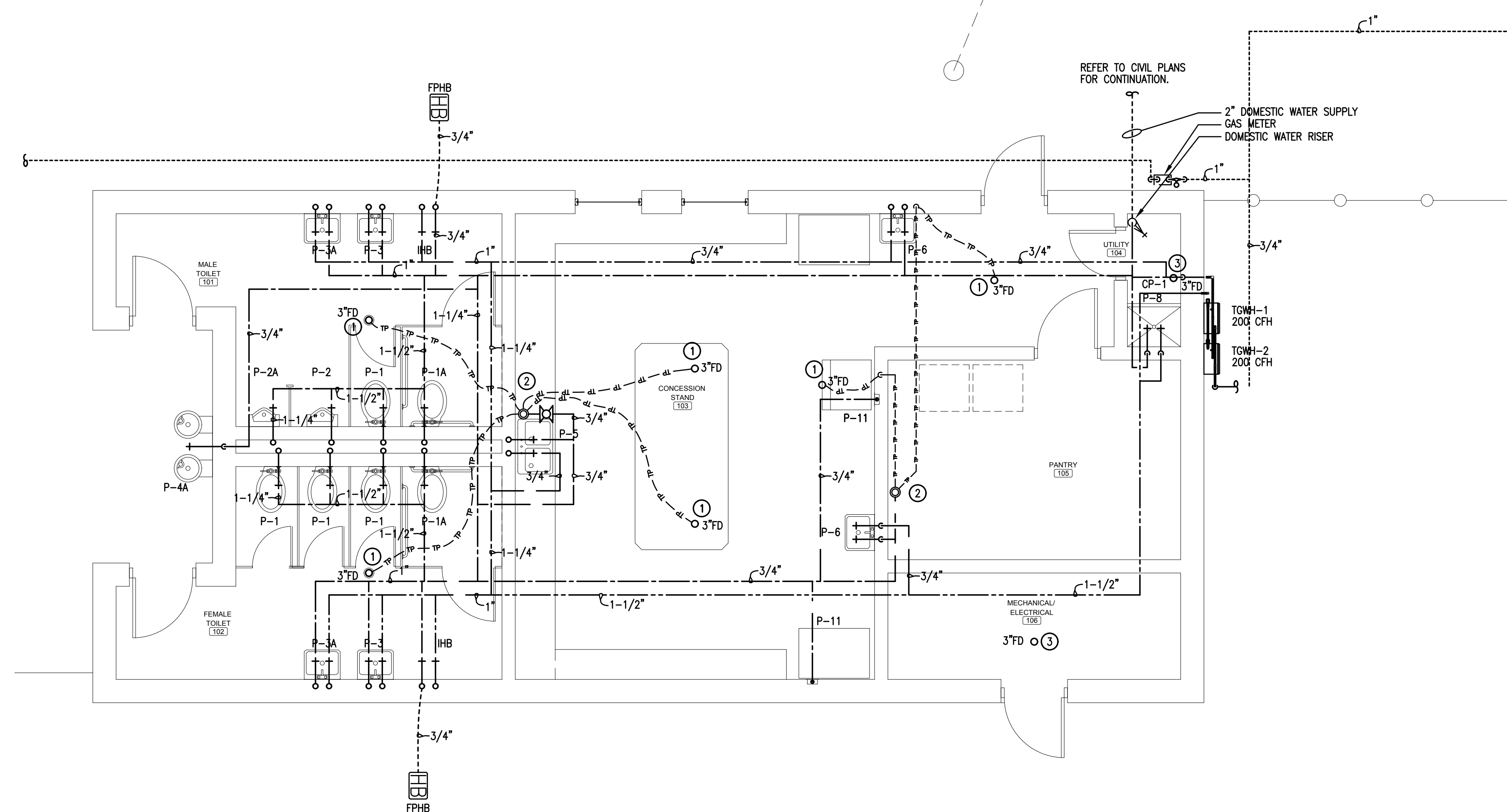
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**DOMESTIC WATER GENERAL NOTES:**

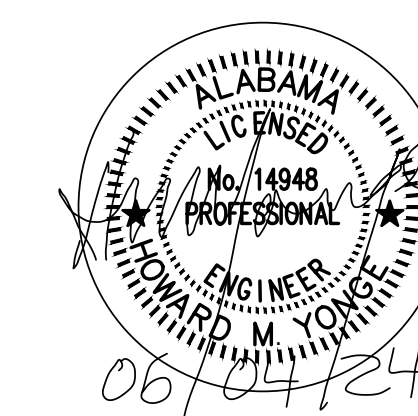
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2. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
3. ALL FIXTURES MUST BE PROVIDED WITH STOPS. THOSE STOPS MUST BE FULLY ACCESSIBLE.
4. SINKS LOCATED IN PUBLIC AREAS MUST BE INSTALLED IN ACCORDANCE WITH ADA REQUIREMENTS.
5. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTR'S AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTR'S PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

**DOMESTIC WATER KEYNOTES:**

- ① EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
- ② SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT LOCATED ABOVE THE CEILING. PROVIDE WITH 1/2" BRANCH AND ISOLATION VALVE. CONNECT FOUR FIXTURES (MAX.) PER UNIT.
- ③ PROVIDE DRAIN WITH TRAPGUARD DEVICE (OR EQUAL) AS TRAP PRIMER ALTERNATE.



**DOMESTIC WATER - CONCESSIONS / TOILET BUILDING**  
SCALE: 1/4"=1'-0"



SHEET TITLE : DOMESTIC WATER PLAN - CONCESSION/ TOILET BUILDING

MCKEE JOB # : 23-199

DRAWN BY : D. B.

DATE : 06.04.2024

REVISED DATE :

REVISED DATE :

REVISED DATE :



SHEET NO. : **P2.1**





NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.

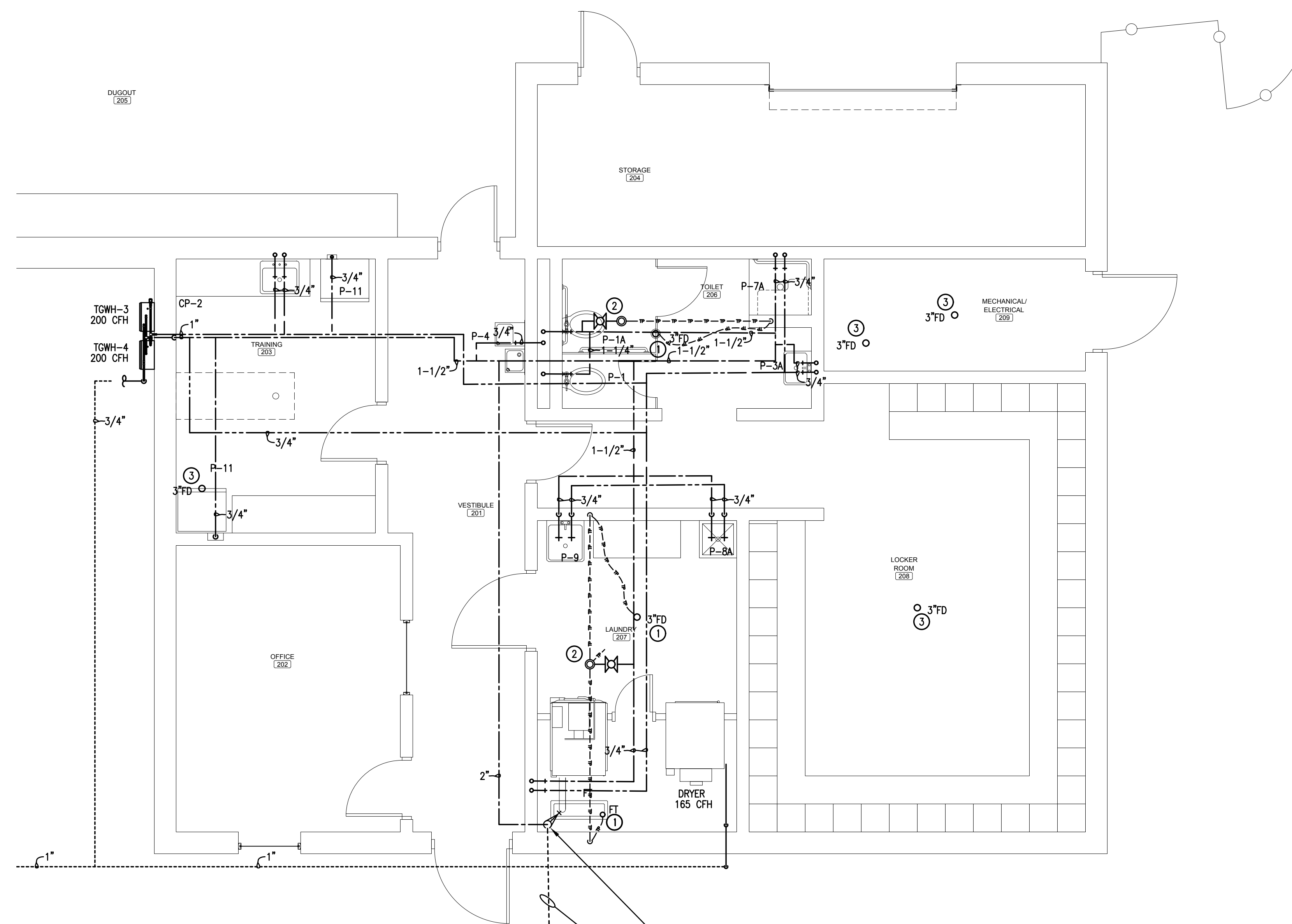
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**DOMESTIC WATER GENERAL NOTES:**

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2. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
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8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

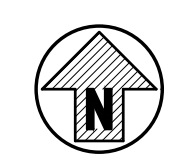
**DOMESTIC WATER KEYNOTES:**

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- ③ PROVIDE DRAIN WITH TRAPGUARD DEVICE (OR EQUAL) AS TRAP PRIMER ALTERNATE.



REFER TO CIVIL PLANS  
FOR CONTINUATION.

DOMESTIC WATER RISER  
2" DOMESTIC WATER SUPPLY



**DOMESTIC WATER PLAN-SOFTBALL FIELD HOUSE**

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



SHEET TITLE : DOMESTIC WATER PLAN - SOFTBALL FIELD HOUSE

MCKEE JOB # : 23-199

DRAWN BY : D. B.

DATE : 06.04.2024

REVISED DATE :

REVISED DATE :

REVISED DATE :



SHEET NO. : **P2.2**





NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

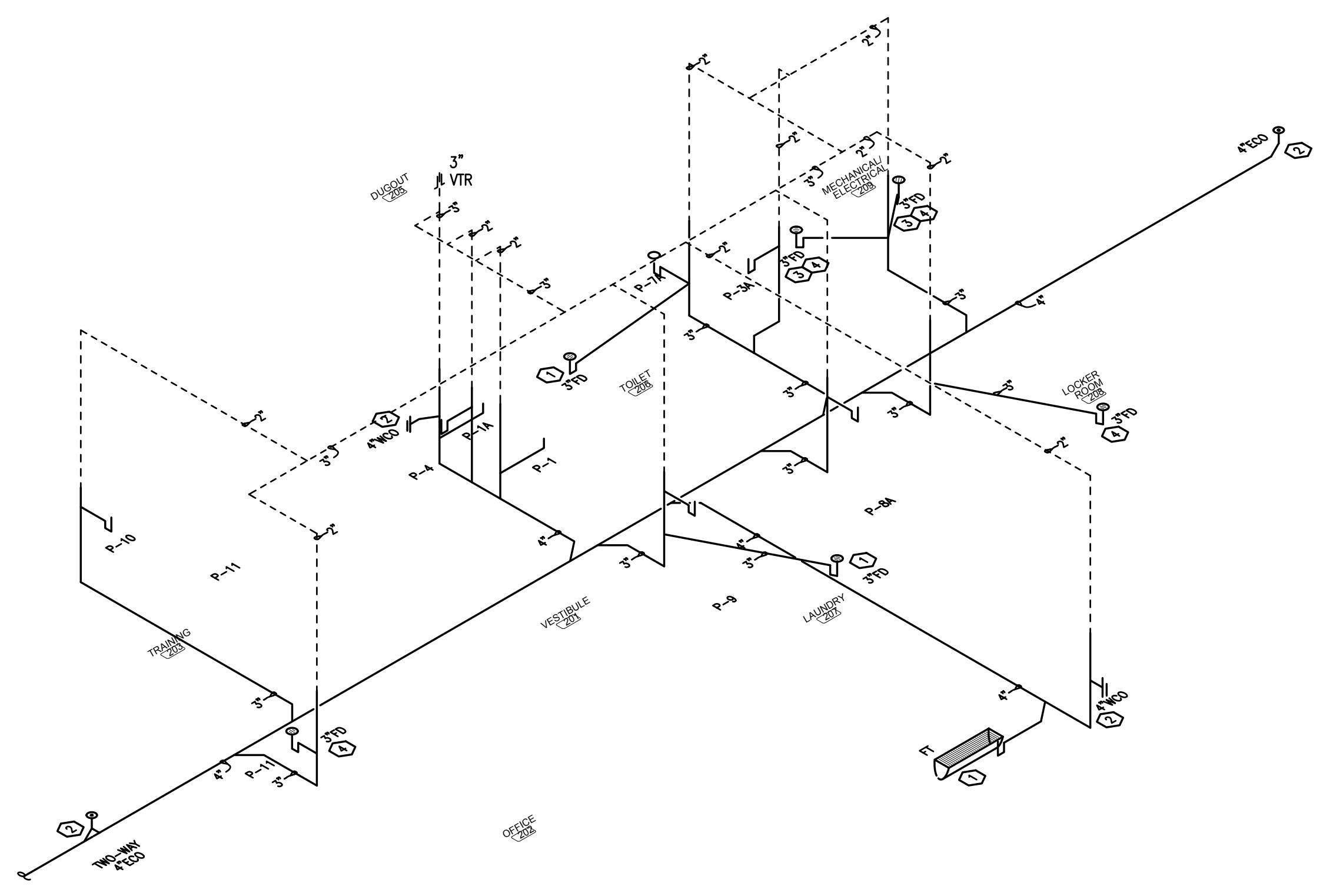
**MCKEE and ASSOCIATES**  
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631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

**SANITARY WASTE GENERAL NOTES:**

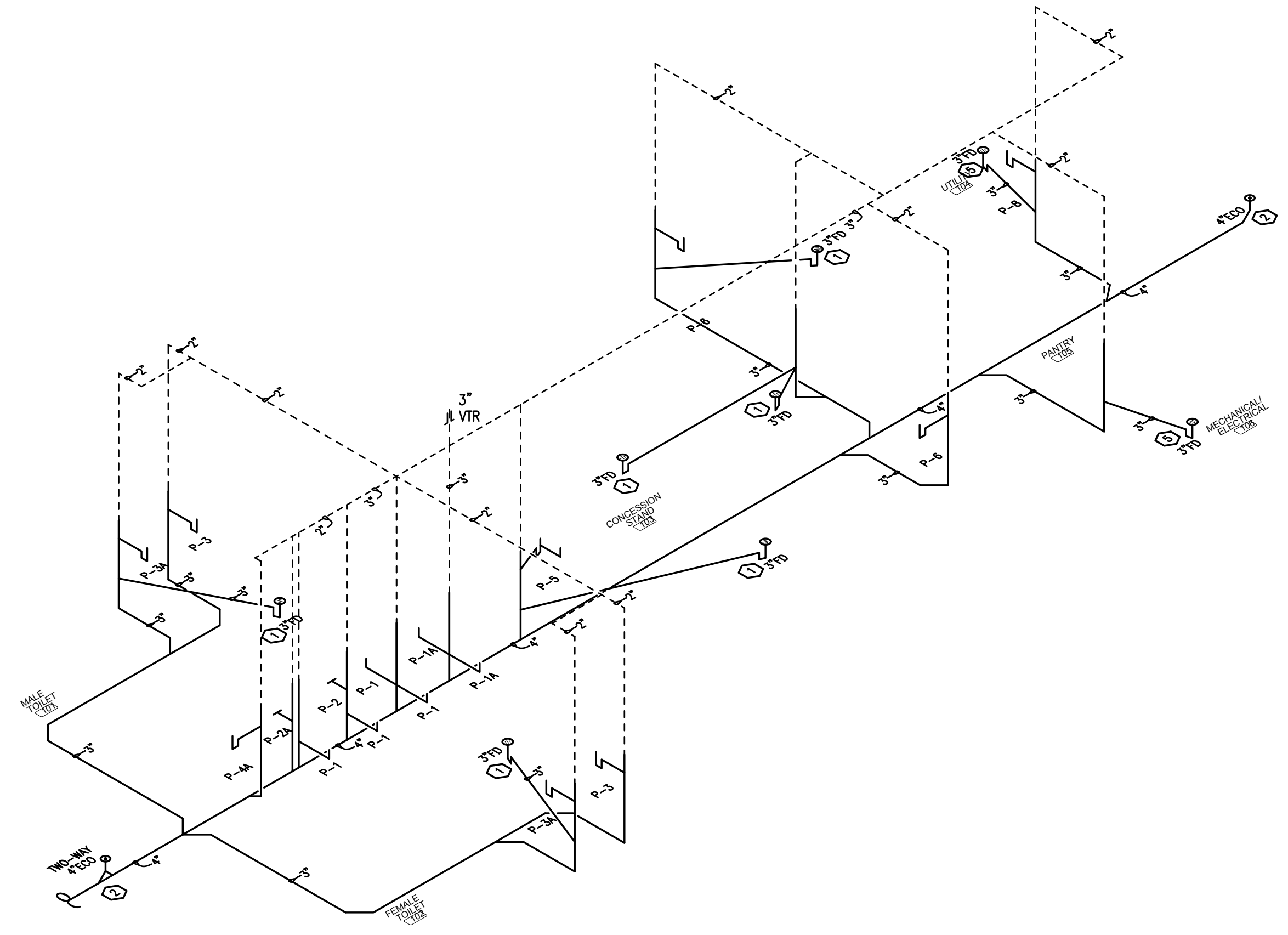
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4. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
5. ALL HORIZONTAL PORTIONS OF THE SANITARY WASTE PIPING SERVING FOR CONDENSATE DISPOSAL SHALL BE INSULATED WITH 1" THICK SECTIONAL FIBERGLASS INSULATION WITH AN "ASJ" JACKET. INSULATION SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. CONDENSATE DRAIN TRAP SHALL ALSO BE INSULATED.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTRS AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTRS PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

**SANITARY WASTE KEYNOTES:**

- 1 EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
- 2 WALL CLEANOUT TO BE COMPLETELY SERVICE ACCESSIBLE ON WALL.
- 3 DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT. COORDINATE FINAL LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.
- 4 DRAIN FOR CONDENSATE DISPOSAL FROM HVAC EQUIPMENT LOCATED ABOVE. COORDINATE LOCATION OF DRAIN WITH HVAC CONTRACTOR. PLUMBING CONTRACTOR SHALL PROVIDE A SUFFICIENTLY SIZED AIR GAP FITTING AT DRAIN TO ACCOMMODATE HVAC EQUIPMENT AND AUXILIARY PAN CONDENSATE DRAINS.
- 5 PROVIDE DRAIN WITH TRAPGUARD (OR EQUAL) AS A TRAP PRIMER ALTERNATE.



**SANITARY WASTE RISER DIAGRAM-SOFTBALL FIELD HOUSE**  
SCALE: NONE



**SANITARY WASTE RISER DIAGRAM CONCESSIONS / TOILET BUILDING**  
SCALE: NONE

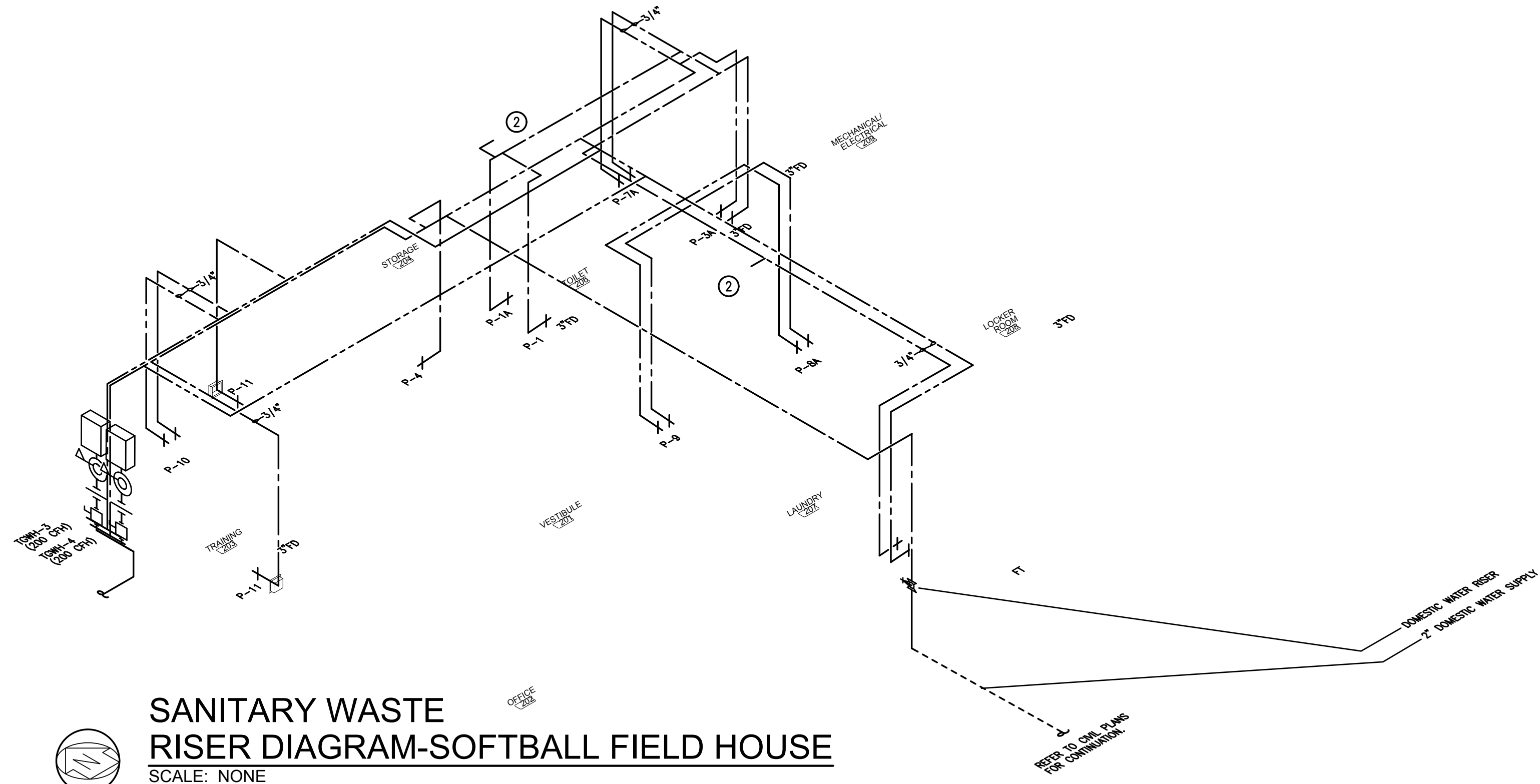
**H.M. YONGE & ASSOCIATES, INC.**  
CONSULTING ENGINEERS // EST. 1988  
51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661  
253 ST. ANTHONY STREET MOBILE, ALABAMA 36603 PHONE: (251)990-7446



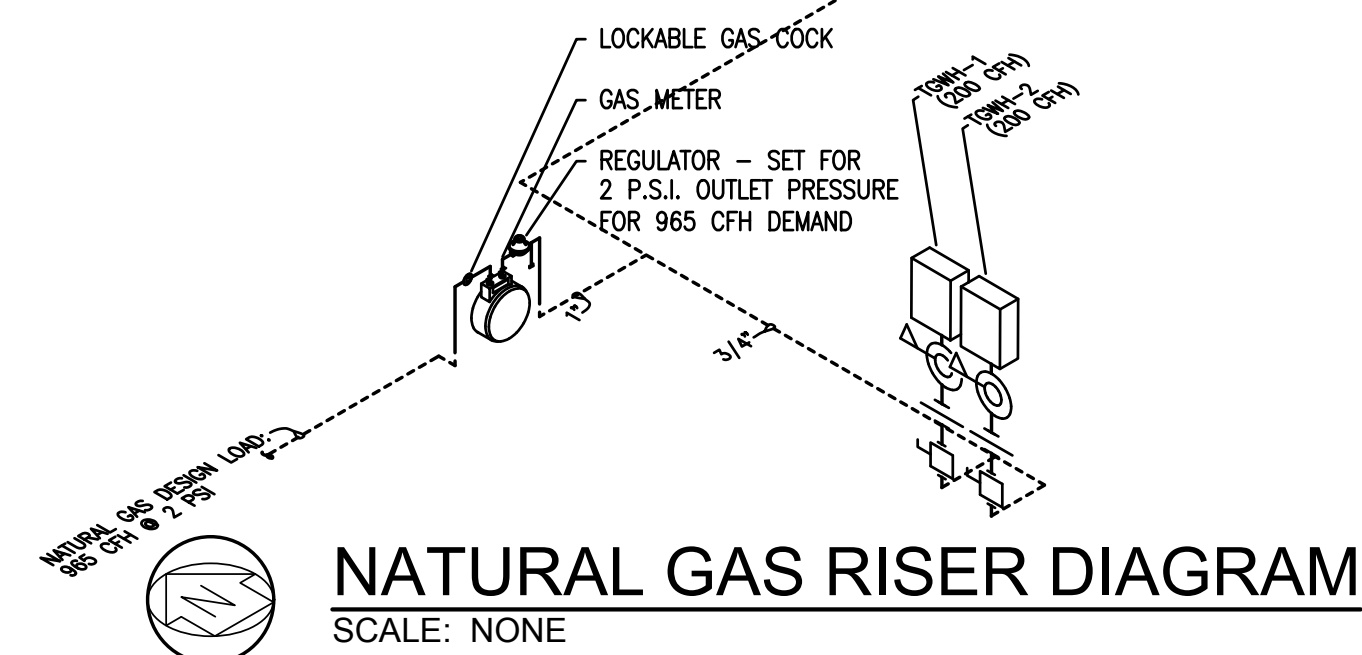
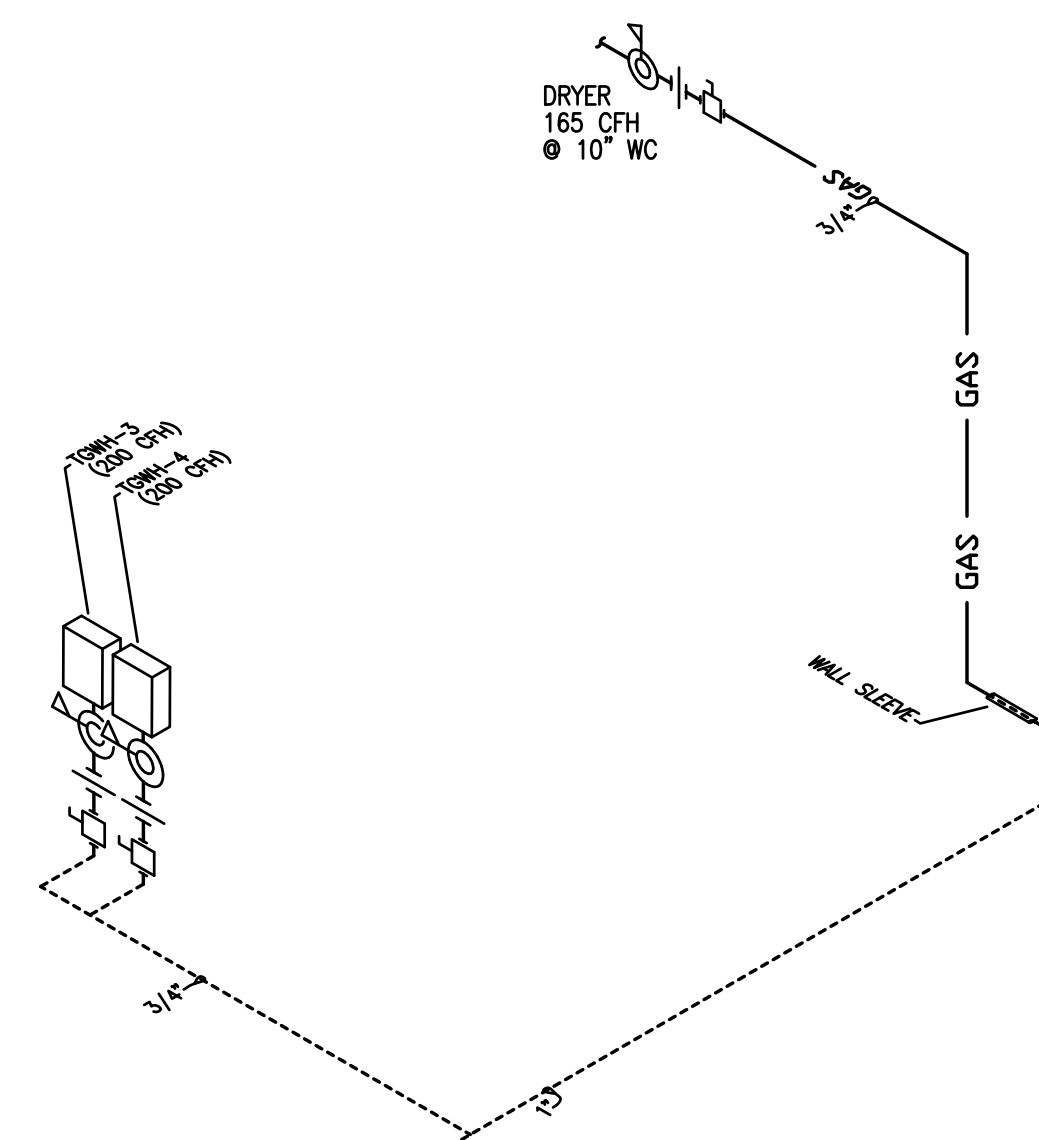
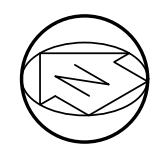
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MCKEE JOB # : 23-199  
DRAWN BY : D. B.  
DATE : 06.04.2024  
REVISED DATE :  
REVISED DATE :  
REVISED DATE :

SHEET NO. : **P3.1**

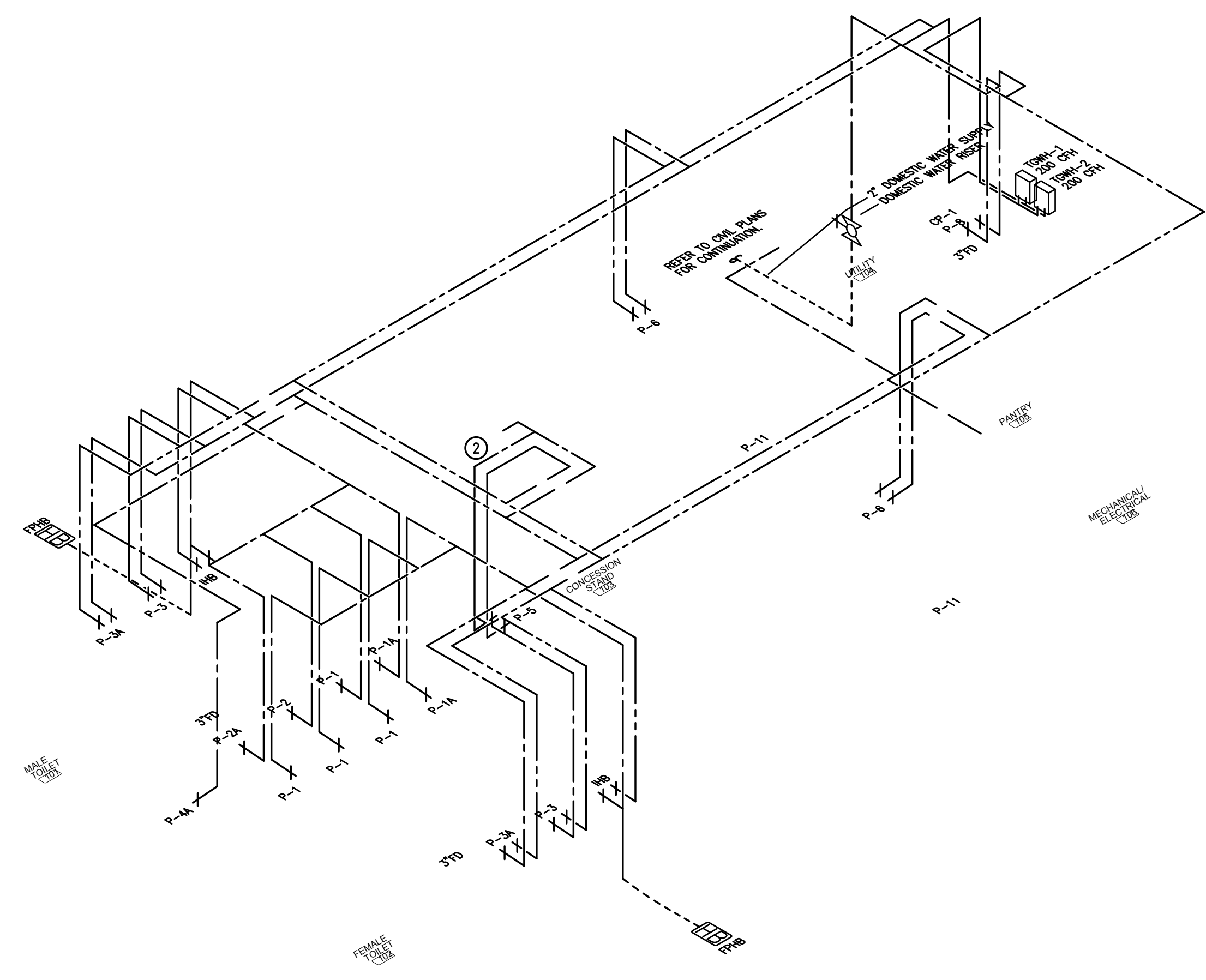
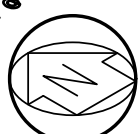




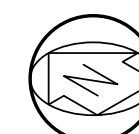
**SANITARY WASTE RISER DIAGRAM-SOFTBALL FIELD HOUSE**  
SCALE: NONE



**NATURAL GAS RISER DIAGRAM**  
SCALE: NONE



**SANITARY WASTE RISER DIAGRAM CONCESSIONS / TOILET BUILDING**  
SCALE: NONE

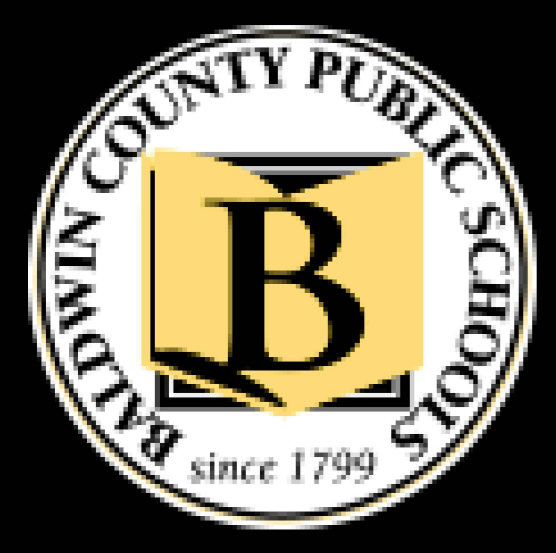


**DOMESTIC WATER GENERAL NOTES:**

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS AND RATINGS OF FIRE-RATED WALLS AND SHALL PROVIDE UL APPROVED SLEEVES FOR ALL PIPING PENETRATIONS THROUGH RATED PARTITIONS AND FLOORS.
2. OFFSET PIPING WITHIN CEILING SPACE AS REQUIRED TO LOCATE PIPE RISERS AND DROPS WITHIN WALLS AS SHOWN ON PLANS.
3. ALL FIXTURES MUST BE PROVIDED WITH STOPS. THOSE STOPS MUST BE FULLY ACCESSIBLE.
4. SINKS LOCATED IN PUBLIC AREAS MUST BE INSTALLED IN ACCORDANCE WITH ADA REQUIREMENTS.
5. PROVIDE ALL FLOOR DRAINS, FLOOR SINKS, AND TRENCH DRAINS WITH TRAP PRIMER PIPING FROM A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT WITH 1/2" ISOLATION VALVE. MAXIMUM OF FOUR FIXTURES PER TRAP PRIMER UNIT. UNIT TO BE MOUNTED PER MANUFACTURER'S RECOMMENDATIONS.
6. PLUMBING DEVICES LOCATED IN WALLS, FLOORS, OR CEILINGS MUST BE FULLY SERVICE ACCESSIBLE. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND OTHER CONTRACTORS WHOSE WORK MAY BE AFFECTED.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR ALL VTR'S AND ANY OTHER ROOF PENETRATIONS WITH ROOFTOP MECHANICAL EQUIPMENT AND OUTSIDE AIR INTAKES. A MINIMUM DISTANCE OF 12 FEET SHALL BE MAINTAINED BETWEEN ALL OUTSIDE AIR INTAKES AND VTR'S PER 2021 IMC.
8. ALL PIPING PENETRATIONS OF FIRE-RATED BARRIERS SHALL BE SUFFICIENTLY PROTECTED TO MEET CURRENT CODE.

**DOMESTIC WATER KEYNOTES:**

- ① EXTEND TRAP PRIMER PIPING FROM FLOOR DRAIN UP INSIDE WALL FOR CONNECTION TO A SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT.
- ② SELF-CONTAINED TRAP PRIMER DISTRIBUTION UNIT LOCATED ABOVE THE CEILING. PROVIDE WITH 1/2" BRANCH AND ISOLATION VALVE. CONNECT FOUR FIXTURES (MAX.) PER UNIT.
- ③ PROVIDE DRAIN WITH TRAPGUARD DEVICE (OR EQUAL) AS TRAP PRIMER ALTERNATE.



NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE: DOMESTIC WATER RISER DIAGRAMS  
MCKEE JOB #: 23-199  
DRAWN BY: D.B.  
DATE: 06.04.2024  
REVISED DATE:  
REVISED DATE:  
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**H.M. YONGE & ASSOCIATES, INC.**  
CONSULTING ENGINEERS // EST. 1988  
51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661  
253 ST. ANTHONY STREET MOBILE, ALABAMA 36603 PHONE: (251)990-7446

SHEET NO.: **P3.2**

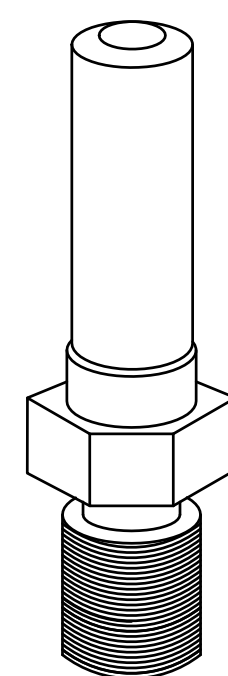




NEW SOFTBALL COMPLEX  
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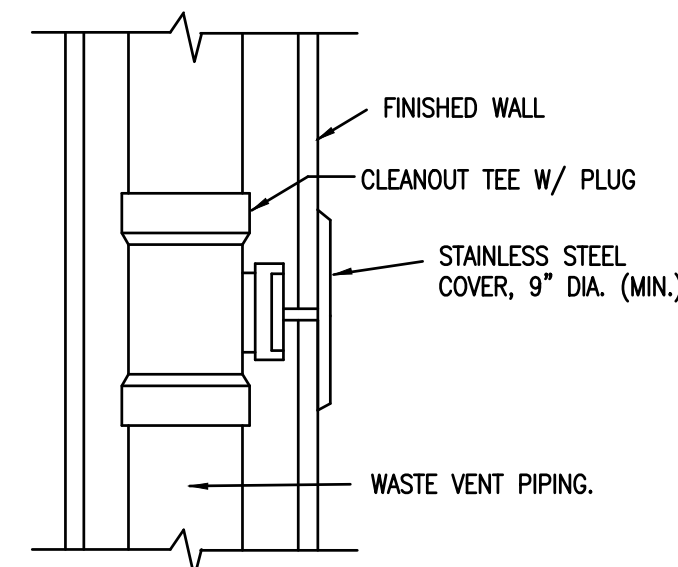


AIR PRELOAD PSI	FIXTURE UNITS	P.D.I. SYMBOL
60	1-11	A
60	12-32	B
60	33-60	C
60	61-113	D
60	114-154	E
60	155-330	F

NOTE: WATER HAMMER ARRESTORS TO BE LOCATED ABOVE ELEVATION OF CEILING.

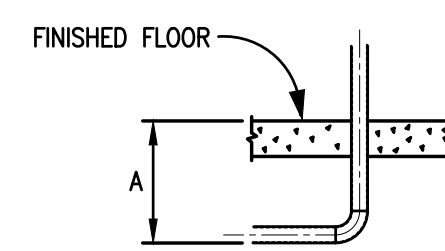
**WATER HAMMER DETAIL**

NOT TO SCALE



**WALL CLEANOUT DETAIL**

NOT TO SCALE



**PIPING SLAB-PENETRATION DETAIL**

NOT TO SCALE

NOTES: ADJACENT PIPING SLAB PENETRATIONS SHALL HAVE A MINIMUM OF ONE INCH CLEARANCE BETWEEN THEM. ALL PENETRATIONS SHALL BE MADE VERTICALLY.

NOM. PIPE DIAMETER	MINIMUM A DIMENSION
1"	12"
2"	15"
3"	18"
4"	20"
6"	24"
8"	30"

**PLUMBING LEGEND**

AFF	ABOVE FINISHED FLOOR
CO	CLEANOUT
CP	HW CIRCULATION PUMP
CW	COLD WATER
ECO	EXTERIOR CLEANOUT
FD	FLOOR DRAIN
FPHB	FREEZE-PROOF HOSE BIBB
HW	HOT WATER
IHB	INTERIOR HOSE BIBB
TGWH	TANKLESS GAS WATER HEATER
WCO	WALL CLEANOUT
VTR	VENT THRU ROOF
---	COLD WATER PIPING
---	UNDERGROUND COLD WATER PIPING
---	140° HOT WATER PIPING
---	HOT WATER RETURN PIPING
---	NATURAL GAS PIPING
---	SANITARY WASTE PIPING
---	VENT PIPING
---	BALL VALVE
---	P-TRAP
---	VENT THRU ROOF
---	WATER HAMMER ARRESTOR

**TANKLESS GAS WATER HEATER SCHEDULE**

MARK	ELECTRICAL DATA			FLOW DATA		GAS DATA		LOCATION	REMARKS
	VOLTS	Hz	PHASE	MIN. GPM	ACTIVATION GPM	MAX. BTUH	PRESS. RANGE		
TGWH-1	120	60	1	0.26	0.4	150,000	-	EXTERIOR CONCESSIONS	82% ENERGY EFFICIENT WITH ALL-COPPER HEAT EXCHANGER. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. NOTE: BASIS OF DESIGN RHEEM RTG-64XLN.
TGWH-2	120	60	1	0.26	0.4	150,000	-	EXTERIOR CONCESSIONS	82% ENERGY EFFICIENT WITH ALL-COPPER HEAT EXCHANGER. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. NOTE: BASIS OF DESIGN RHEEM RTG-64XLN.
TGWH-3	120	60	1	0.26	0.4	150,000	-	EXTERIOR FIELD HOUSE	82% ENERGY EFFICIENT WITH ALL-COPPER HEAT EXCHANGER. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. NOTE: BASIS OF DESIGN RHEEM RTG-64XLN.
TGWH-4	120	60	1	0.26	0.4	150,000	-	EXTERIOR FIELD HOUSE	82% ENERGY EFFICIENT WITH ALL-COPPER HEAT EXCHANGER. NO VENTING REQUIRED FOR OUTDOOR INSTALLATION. NOTE: BASIS OF DESIGN RHEEM RTG-64XLN.

**PLUMBING FIXTURE CONNECTION SCHEDULE**

MARK	FIXTURE	CONNECTIONS			DESCRIPTION
		WASTE	CW	HW	
P-1	WATER CLOSET	4"	1"	---	ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER.
P-1A	WATER CLOSET (HANDICAPPED)	4"	1"	---	ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, FLUSH VALVE TYPE. PROVIDE WHITE OPEN FRONT SEAT LESS COVER. INSTALL PER ADA REQUIREMENTS.
P-2	URINAL	2"	3/4"	---	WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER. MANUAL 1.0 gpf FLUSH
P-2A	URINAL (HANDICAPPED)	2"	3/4"	---	WALL HUNG TYPE WITH FLUSH VALVE AND FLOOR MOUNTED CARRIER. MANUAL 1.0 gpf FLUSH
P-3	LAVATORY	1-1/2"	3/4"	3/4"	WALL HUNG VITREOUS CHINA WITH SINGLE LEVER FAUCET AND GRID WASTE, 1-1/2" 17 GA. P-TRAP, FLEXIBLE SUPPLIES AND STOPS. FLOOR MOUNTED CONCEALED ARM CARRIER, AND INSULATION KIT.
P-3A	LAVATORY (HANDICAPPED)	1-1/2"	3/4"	3/4"	WALL HUNG VITREOUS CHINA WITH SINGLE LEVER FAUCET AND GRID WASTE, 1-1/2" 17 GA. P-TRAP, FLEXIBLE SUPPLIES AND STOPS. FLOOR MOUNTED CONCEALED ARM CARRIER, AND INSULATION KIT. INSTALL PER ADA REQUIREMENTS.
P-4	WATER COOLER (INTERIOR)	1-1/2"	1/2"	---	WALL HUNG, DUAL-HEIGHT COOLER 1-1/4" 17 GA P-TRAP, FLEXIBLE SUPPLY WITH ANGLE STOP AND FLOOR-SUPPORTED CARRIER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. INSTALL PER ADA REQUIREMENTS. UNIT TO INCLUDE BOTTLE-FILLING STATION.
P-4A	WATER COOLER (EXTERIOR)	1-1/2"	1/2"	---	WALL HUNG, DUAL-HEIGHT COOLER 1-1/4" 17 GA P-TRAP, FLEXIBLE SUPPLY WITH ANGLE STOP AND FLOOR-SUPPORTED CARRIER. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. INSTALL PER ADA REQUIREMENTS. UNIT TO INCLUDE BOTTLE-FILLING STATION.
P-5	TWO-COMPARTMENT SINK	1-1/2"	3/4"	3/4"	TWO COMPARTMENT, STAINLESS STEEL SINK. PROVIDE WITH GOOSENECK FAUCET WITH SPRAY, LEVER HANDLE, GRID WASTE, 17 GA. P-TRAP, AND FLEXIBLE SUPPLIES WITH STOPS.
P-6	CONCESSIONS HAND SINK	1-1/2"	3/4"	3/4"	STAINLESS STEEL WALL HUNG LAVATORY
P-7A	SHOWER (HANDICAPPED)	3"	3/4"	3/4"	PRE-FABRICATED SHOWER UNIT, PROVIDE WITH PRESSURE BALANCED ANTI-SCALD SINGLE LEVER VALVE WITH HAND HELD SHOWER HEAD, VERTICAL BAR, HOSE, VACUUM BREAKER, AND WALL SUPPLY ELBOW. INSTALL PER ADA REQUIREMENTS.
P-8	MOP SINK	3"	3/4"	3/4"	36"x36"x12" FLOOR-MOUNTED TYPE WITH WALL-MOUNTED FAUCET, VACUUM BREAKER, WALL BRACE, 3" IPS DRAIN, STAINLESS STEEL GRATE AND WALL SPLASH GUARDS, AND MOP RACK.
P-9	LAUNDRY SINK	2"	3/4"	3/4"	24"x20"x13" SINGLE COMPARTMENT, POLYPROPYLENE, FREE-STANDING. PROVIDE GOOSENECK FAUCET WITH 4" WRIST BLADE HANDLES, BASKET STRAINER, 17 GA. P-TRAP, SUPPLIES WITH STOPS.
P-10	TRAINER'S ROOM SINK	2"	3/4"	3/4"	SINGLE COMPARTMENT, STAINLESS STEEL SINK. PROVIDE WITH GOOSENECK FAUCET WITH SPRAY, WRISTBLADE HANDLES, CUP STRAINER, 17 GA. P-TRAP, AND FLEXIBLE SUPPLIES WITH STOPS.
P-11	ICE MAKER BOX	---	1/2"	---	GALVANIZED STEEL, WALL RECESSED BOX WITH 1/2" COLD WATER VALVE

NOTE: FIXTURES SHALL BE WHITE AND FAUCETS SHALL BE POLISHED CHROME UNLESS OTHERWISE INDICATED. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL HANDICAPPED FIXTURES SHALL BE ADA COMPLIANT AND INSTALLED PER ADA REQUIREMENTS. REFERENCE ARCHITECTURAL PLANS FOR INSTALLATION HEIGHTS. ALL DOMESTIC WATER PIPING ABOVE THE SLAB SHALL BE INSULATED INCLUDING PIPING INSIDE WALLS. PIPING SHALL NOT BE INSTALLED IN A MANNER IN WHICH CONTACT WITH MASONRY PRODUCTS IS ALLOWED. EACH FIXTURE MUST BE PROVIDED WITH STOPS. ALL STOPS MUST BE FULLY ACCESSIBLE. TEMPERED WATER FOR PUBLIC LAVATORIES MUST BE SUPPLIED THROUGH A TEMPERATURE-LIMITING DEVICE THAT CONFORMS TO ASSE 1070. SEE 2021 IPC 416.5. MAKE REVISIONS AS REQUIRED FOR COMPLIANCE.

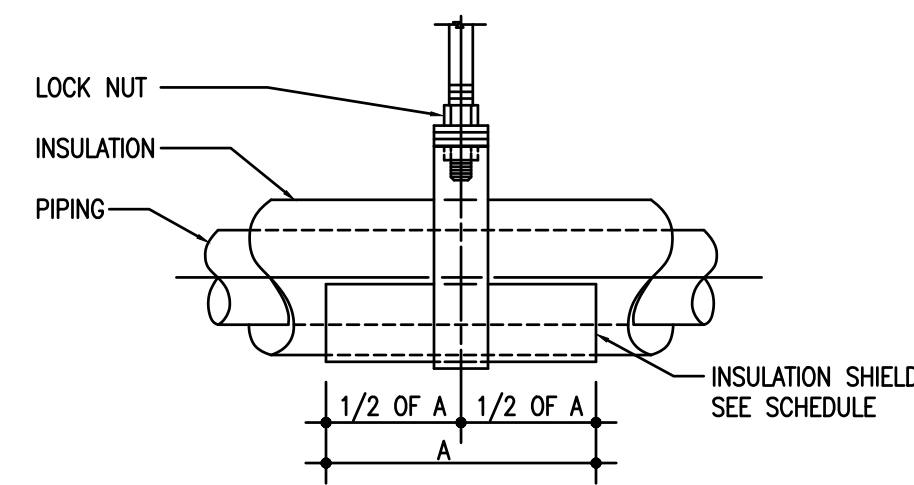
**HOT WATER CIRCULATING PUMP SCHEDULE**

MARK	LOCATION	CONTROL WITH	CAPACITY GPM	T.D.H. FEET	MAX. RPM	PUMP CONSTRUCTION	MOTOR HP	ELECTRICAL			REMARKS
								VOLTS	Hz	Ø	
CP-1	UTILITY 104	CLOCK	1/2	25	1650	ALL BRONZE	1/5	115	60	1	HOT WATER RETURN SHALL BE 120°F
CP-2	TRAINING 203	CLOCK	1/2	25	1650	ALL BRONZE	1/5	115	60	1	HOT WATER RETURN SHALL BE 120°F

\* REFER TO WATER HEATER SCHEDULE FOR ADDITIONAL CIRCULATING PUMP REQUIREMENTS.

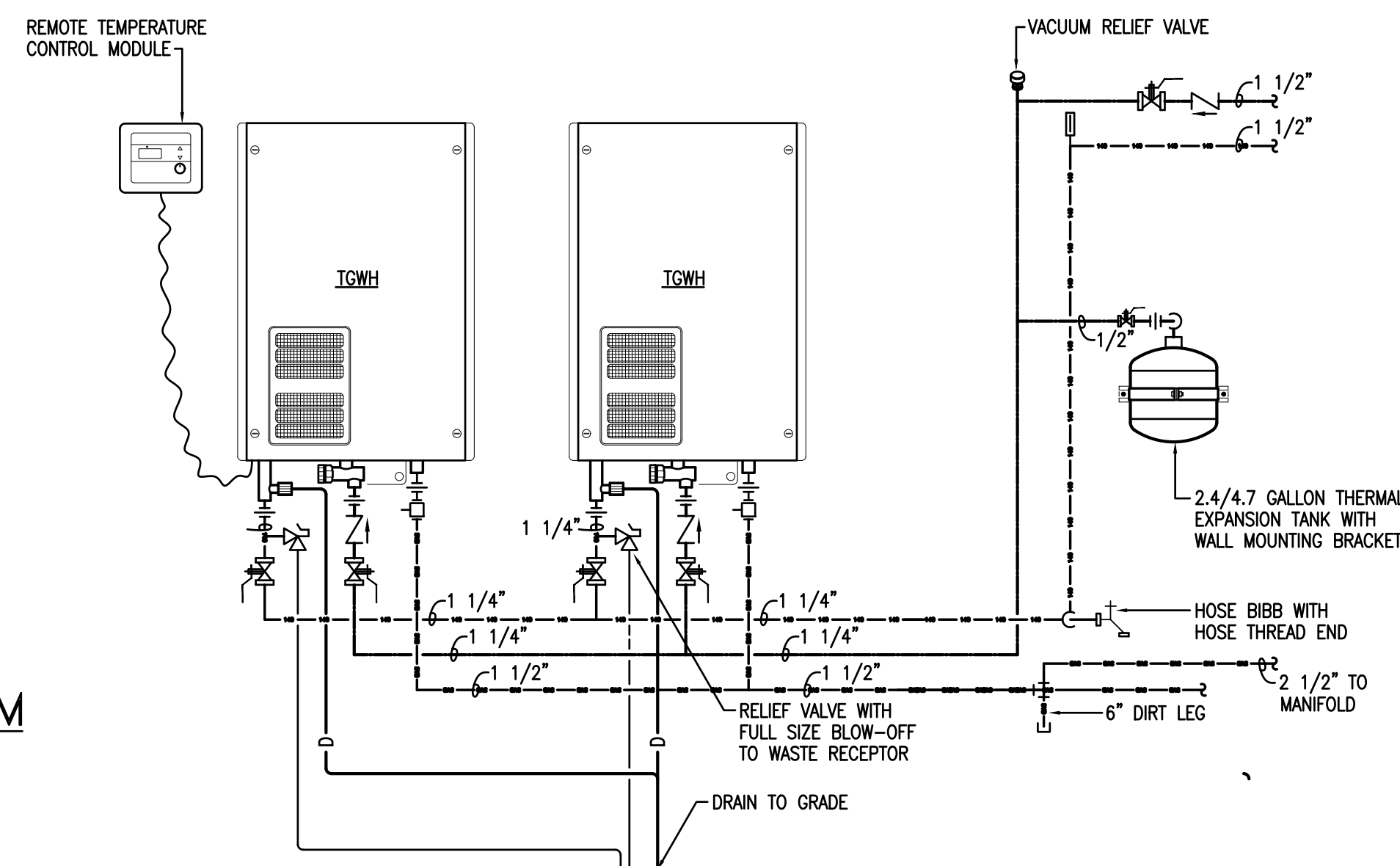
**INSULATION SHIELD SCHEDULE**

SIZE	DIM. A	GA. STEEL
UP TO 4"	12"	10"
5" & 6"	18"	10"
ABOVE 6"	24"	14"



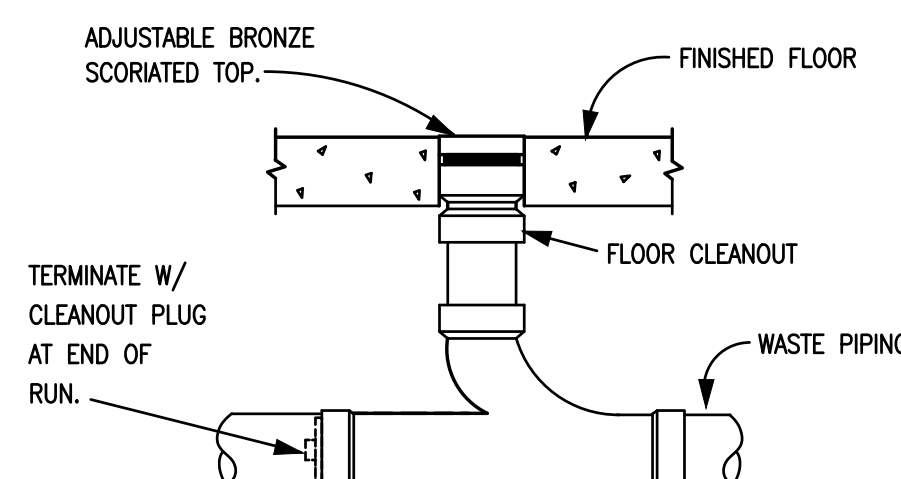
**PIPE SHIELD DIAGRAM**

NOT TO SCALE



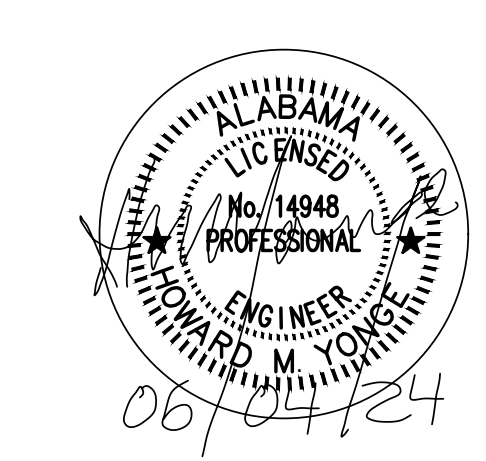
**GAS TANKLESS WATER HEATER DETAIL**

NOT TO SCALE



**FLOOR CLEANOUT DETAIL**

NOT TO SCALE



SHEET TITLE: PLUMBING LEGEND, SCHEDULES, AND DETAILS

MCKEE JOB #: 23-199

DRAWN BY: D. B.

DATE: 06.04.2024

REVISED DATE:

REVISED DATE:

REVISED DATE:



SHEET NO.: P4.1

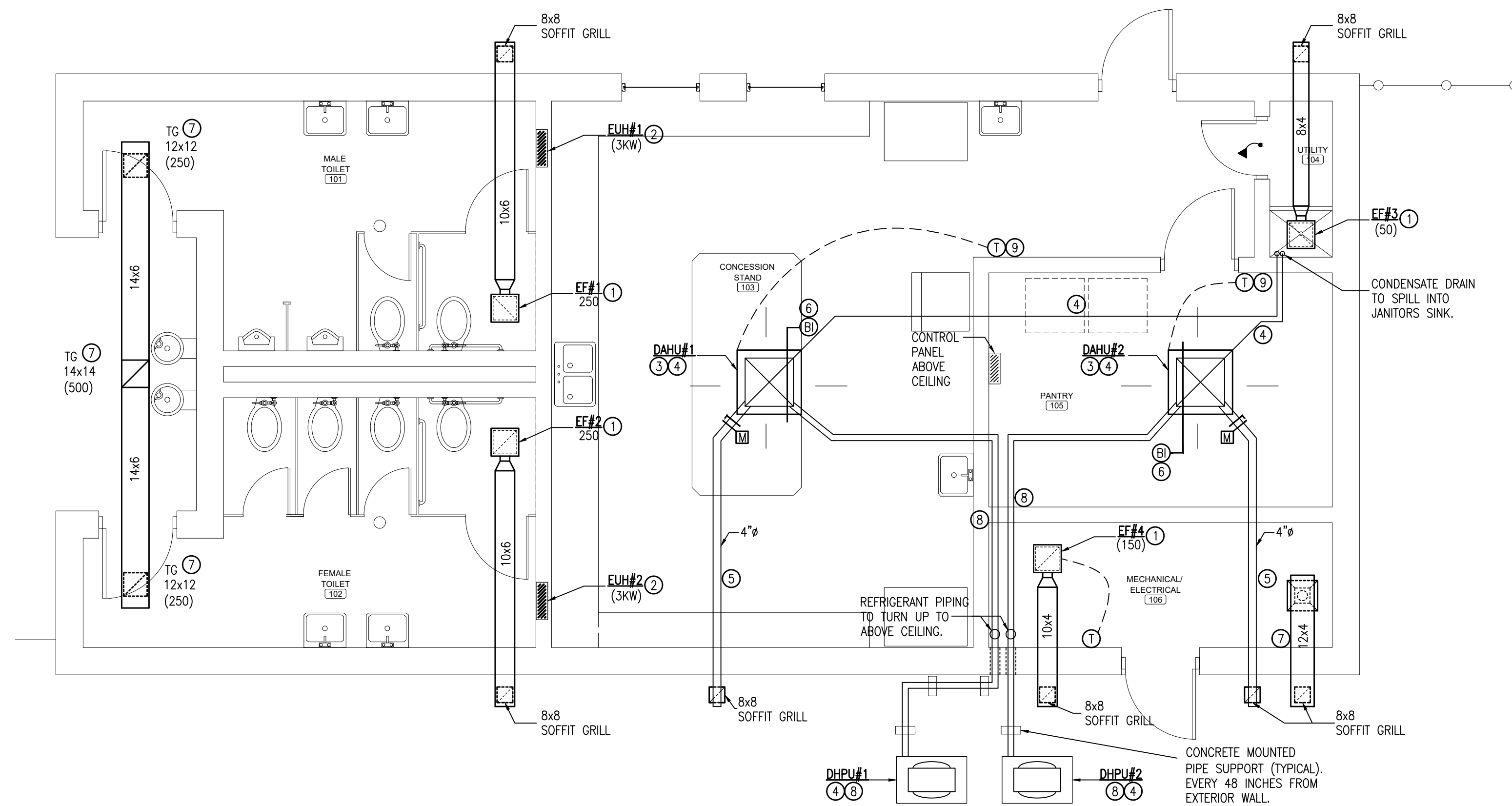




NEW SOFTBALL COMPLEX  
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HVAC KEY NOTES

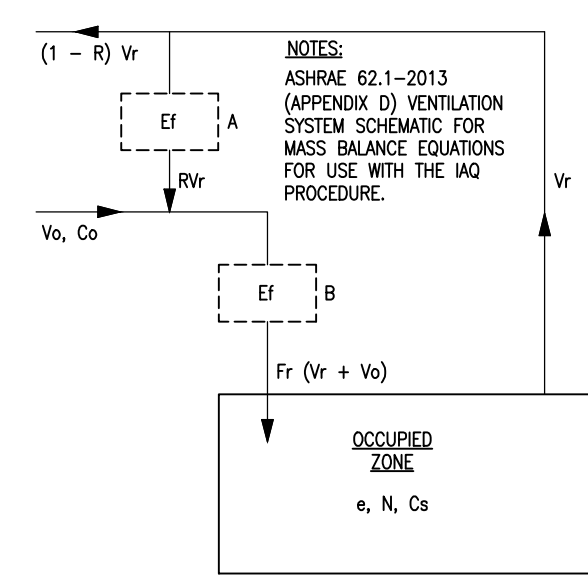
- CEILING MOUNTED EXHAUST FAN WITH AIR DISCHARGE DUCT. ROUTE DUCT GENERALLY AS INDICATED WITH OFFSETS TO AVOID OBSTRUCTIONS. EXHAUST AIR DUCT SHALL EXTEND FOR TERMINATION IN SOFFIT WITH SOFFIT GRILLE.
- ELECTRIC UNIT HEATER IS TO BE MOUNTED IN WALL AS A RECESSED TYPE. DO NOT MOUNT UNIT HEATER ON SURFACE OF WALL. INCLUDE WITH UNIT INTEGRAL CONTROLS. BOTTOM OF UNIT SHALL BE 66 INCHES ABOVE FINISHED FLOOR.
- NEW DUCTLESS MINI-SPLIT AIR CONDITIONING UNIT EVAPORATOR SECTION MOUNTED IN CEILING. MECHANICAL CONTRACTOR TO COORDINATE SPACE ABOVE CEILING FOR SUFFICIENT ROOM TO INSTALL UNIT. OPERATION OF EVAPORATOR SECTION SHALL BE FOR EITHER COOLING OR HEATING.
- EVAPORATOR SECTION SHALL HAVE AN INTEGRAL CONDENSATE PUMP. EXTEND 3/4 INCH PVC, SCH. 40, CONDENSATE PIPING INTO JANITOR'S CLOSET TO TURN DOWN ON WALL TO SPILL CONDENSATE INTO JANITOR'S SINK. SUPPORT CONDENSATE PIPING IN VERTICAL AND HORIZONTAL POSITIONS EVERY 4 FEET AND AT POINT OF TERMINATION WITH UNISTRUT TYPE PIPE SUPPORT SYSTEM. INSTALLATION OF DRAIN PIPING SHALL HAVE AN INCLINE DOWN TO JANITOR'S SINK BY 1 INCH EVERY 40 FEET. COMPLETELY INSULATED ENTIRE LENGTH OF DRAIN PIPING.
- EVAPORATOR SECTION SHALL HAVE AN OUTDOOR AIR INTAKE DUCT (4 INCHES ROUND) EXTENDED FROM UNIT ABOVE CEILING OVER FOR CONNECTION AND TERMINATION TO SOFFIT MOUNTED OUTDOOR AIR INTAKE GRILLE. OUTDOOR AIR INTAKE GRILLE SHALL BE ALUMINUM CUBE CORE TYPE. INCLUDE A MANUAL VOLUME DAMPER AND MOTORIZED DAMPER IN OUTDOOR AIR DUCT. BALANCE MANUAL VOLUME DAMPER TO SCHEDULED AIR FLOW. INTERLOCK MOTORIZED DAMPER WITH TEMPERATURE CONTROL TO BE OPEN DURING OCCUPIED HOURS AND CLOSED OTHERWISE.
- INCLUDE WITH INSTALLATION OF EVAPORATOR SECTION BI-POLAR IONIZATION AIR PURIFICATION DEVICE. AIR PURIFICATION DEVICE SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. INTERLOCK DEVICE TO OPERATE AT SAME TIME AS EVAPORATOR SECTION AND OTHERWISE BOTH SHALL NOT BE OPERATING.
- TRANSFER AIR DUCT WITH DESIGNATED CUBE CORE TRANSFER AIR GRILLES AS INDICATED. ADJUST FINAL LOCATION TO ACCOMMODATE AN EFFICIENT INSTALLATION.
- NEW OUTDOOR CONDENSING UNIT OF DUCTLESS MINI-SPLIT AIR CONDITIONING UNIT MOUNTED ON 4 INCH THICK CONCRETE PAD THAT IS 4 INCHES LARGER THAN UNIT IN ALL DIRECTIONS. REFRIGERANT PIPING SHALL BE EXTENDED FROM OUTDOOR CONDENSING UNIT THROUGH EXTERIOR WALL AND TURN UP TO ABOVE CEILING ELEVATION. SEAL WALL PENETRATION AIR TIGHT, WEATHER AND RODENT PROOF. SUPPORT REFRIGERANT PIPING EVERY 4 FEET WITH UNISTRUT TYPE PIPE SUPPORT SYSTEM. ROUTE REFRIGERANT PIPING ABOVE BOTTOM CHORD OF ROOF JOISTS GENERALLY AS INDICATED, WITH OFFSETS TO AVOID OBSTRUCTIONS, TO RESPECTIVE EVAPORATOR SECTION FOR CONNECTION.
- WALL MOUNTED TEMPERATURE CONTROLLER SHALL BE ELECTRONIC TYPE AND BE COMPATIBLE WITH EXISTING ENERGY MANAGEMENT SYSTEM OF THE HIGH SCHOOL. CONTROLLER SHALL BE SET POINT ADJUSTABLE WITH AUXILIARY CONTACTS FOR CONTROL OF MOTORIZED OUTDOOR AIR INTAKE DAMPER. PROVIDE DIRECT DIGITAL CONTROL PANEL FOR CONNECTING CONTROLLERS TO BUILDING AUTOMATION SYSTEM.



HVAC PLAN - CONCESSION / TOILET BUILDING  
SCALE: 1/4"=1'-0"

OUTSIDE AIR VENTILATION RATES IAQ PROCEDURE - 2021 IMC										CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?		
AHU#3	FOOD	SERVER	520 (4)	6	7.5	0.18	45	94	0.8	173 (3)	ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES	
AHU#4	FOOD	STORAGE	150 (4)	1	0	0.12	0	90	0.8	23 (3)	ACETONE	PEOPLE	250	0.00167	0.00013	YES	
											AMMONIA	PEOPLE	25	0.01523	0.00373	YES	
											BENZENE	PEOPLE	1	0.00252	0.00004	YES	
											2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES	
											CARBON DIOXIDE	PEOPLE	5000	597	2202	YES	
											CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES	
											DIOXANE	PEOPLE	100	0	0	YES	
											HYDROGEN SULFIDE	PEOPLE	10	0	0	YES	
											METHANE	PEOPLE	N/A	1.68094	1.68094	YES	
											METHANOL	PEOPLE	200	0	0	YES	
											METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES	
											PROPANE	PEOPLE	1000	0.00998	0.00998	YES	
											TETRACHLOROETHANE	PEOPLE	5	0	0	YES	
											TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES	
											TOLUENE	PEOPLE	100	0.00533	0.00007	YES	
											TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES	
											KYLENE	PEOPLE	100	0.00230	0.00003	YES	
																IS IAQ ACCEPTABLE AT REDUCED OA LEVELS?	YES

- NOTES:
- IAQ PROCEDURE, IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-2013, SECTION 6.1.2 & 6.3 BY UTILIZING BI-POLAR IONIZATION TECHNOLOGY.
  - ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
  - OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP)..
  - OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.



NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

SHEET TITLE : HVAC PLAN - CONCESSION / TOILET BUILDING

MCKEE JOB # : 23-199

DRAWN BY : ARH

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :



SHEET NO. : M1.1

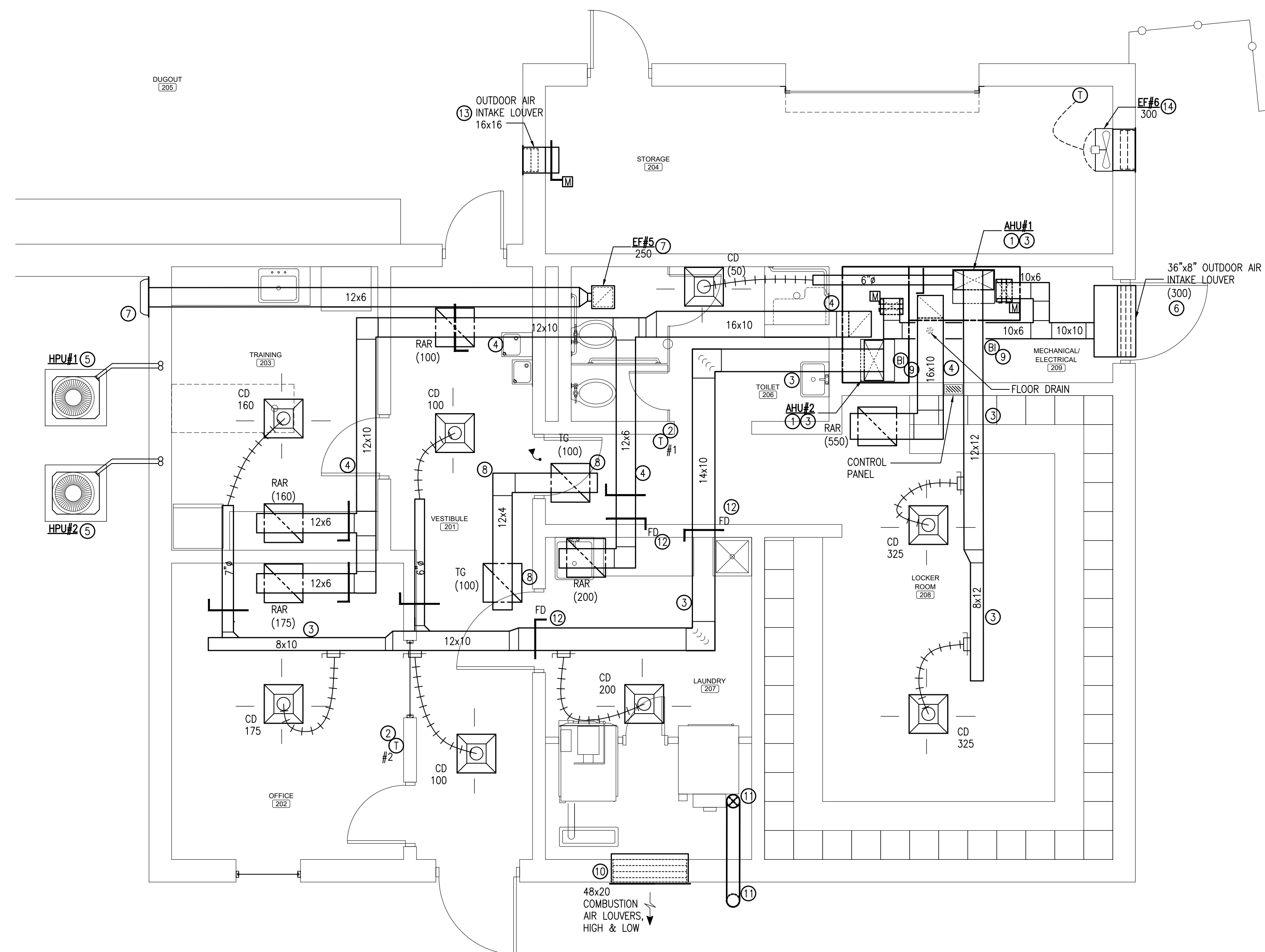




NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

MCKEE and ASSOCIATES  
ARCHITECTS, INC.

631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



HVAC PLAN-SOFTBALL FIELD HOUSE  
SCALE: 1/4"=1'-0"

HVAC KEY NOTES

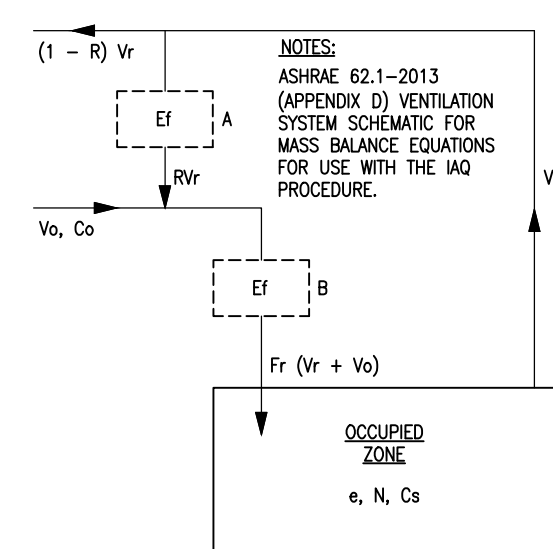
- MOUNT AIR HANDLING UNIT ON RETURN AIR PLENUM CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS. INTERIOR OF PLENUM SHALL BE LINED WITH 1" THICK FIBER BOARD. ADJUST FINAL POSITION OF PLENUM TO ACCOMMODATE INSTALLATION OF A FLOOR DRAIN. COORDINATE FINAL FLOOR DRAIN LOCATION WITH PLUMBING CONTRACTOR. ENSURE FILTER TRAY REMAINS COMPLETELY ACCESSIBLE. INCLUDE A FLOAT SWITCH IN CONDENSATE DRAIN LINE THAT SHALL AUTOMATICALLY SHUT DOWN UNIT AS DRAINAGE SYSTEM FLOODS. ROUTE FULLY INSULATED CONDENSATE DRAIN TO FLOOR DRAIN. SUPPORT DRAIN PIPING WITH UNISTRUT TYPE SUPPORT SYSTEM IN HORIZONTAL AND VERTICAL POSITIONS EVERY 48 INCHES.
- WALL MOUNTED PROGRAMMABLE TEMPERATURE CONTROLLER TO BE CAPABLE OF TEMPERATURE AND HUMIDITY CONTROL WITH CARBON DIOXIDE MONITORING. CONTROLLER SHALL HAVE AUXILIARY CONTACTS FOR OUTDOOR AIR INTAKE MOTORIZED DAMPER AND BE COMPATIBLE WITH EXISTING CAMPUS WIDE BUILDING AUTOMATION SYSTEM BY SIEMENS. PROVIDE CONTROL PANEL FOR CONNECTION OF CONTROLLERS TO BUILDING AUTOMATION SYSTEM.
- ROUTE SUPPLY AIR DUCT UP FROM FULL SIZE OF AIR HANDLING UNIT OPENING AND TRANSITION TO INDICATED DUCT SIZE. INSTALL DUCT ABOVE CEILING FOR CONNECTION TO SUPPLY AIR DEVICES. OFFSET DUCT TO AVOID OBSTRUCTIONS AND INTERFERENCES. CONNECT AIR DEVICES TO TRUNK DUCT WITH BRANCH DUCT HAVING A MANUAL VOLUME DAMPER. BALANCE AIR DEVICES TO INDICATED AIR FLOW.
- RETURN AIR DUCT SHALL BE DIRECTLY CONNECTED TO RETURN AIR PLENUM AND EXTENDED UP TO ABOVE CEILING. ROUTE DUCT GENERALLY AS SHOWN. PROVIDE MANUAL VOLUME DAMPERS IN DUCT CONNECTING TO RETURN AIR DEVICES. BALANCE EACH AIR DEVICE TO THE INDICATED AIR FLOW. OFFSET DUCT TO AVOID OBSTRUCTIONS.
- OUTDOOR HEAT PUMP SECTION MOUNTED ON 4" CONCRETE PAD 6" LARGER THAN UNIT IN ALL DIRECTIONS. SECURE UNIT TO PAD WITH MECHANICAL FASTENERS IN EACH CORNER. ROUTE REFRIGERANT PIPING ABOVE GRADE TO INSIDE OF EXTERIOR WALL AND TURN UP TO ABOVE CEILING ELEVATION. ROUTE PIPING TO ABOVE RESPECTIVE AIR HANDLING UNIT AND DOWN FOR CONNECTION. INSTALL NEW CONTROL WIRING PARALLEL TO REFRIGERANT PIPING TO RESPECTIVE AIR HANDLING UNIT. SUPPORT PIPING EVERY 48 INCHES IN VERTICAL AND HORIZONTAL POSITIONS WITH UNISTRUT TYPE PIPE SUPPORT SYSTEM.
- WALL MOUNTED (MIAMI-DADE CERTIFIED) WEATHERPROOF AND HURRICANE RATED OUTSIDE AIR INTAKE LOUVER. LOUVER SHALL BE 36X8 WITH FULL SIZE INSULATED PLENUM BEHIND. CONNECT OUTDOOR AIR INTAKE DUCTWORK TO LOUVER AND ROUTE ABOVE CEILING OVER TO TURN DOWN FOR CONNECTION TO RETURN AIR PLENUM. INCLUDE A MANUAL VOLUME DAMPER AND MOTORIZED DAMPER IN OUTSIDE AIR DUCT NEAR PLENUM. BALANCE MANUAL VOLUME DAMPER TO INDICATED AIR FLOW AND INTERLOCK MOTORIZED DAMPER WITH TEMPERATURE CONTROLLER.
- CEILING MOUNTED EXHAUST FAN WITH 12 X 6 DUCT ROUTED FOR DISCHARGE THROUGH EXTERIOR WALL MOUNTED DISCHARGE VENT CAP. VENT CAP SHALL BE FULL SIZE OF EXHAUST DUCT. CONTROL OF EXHAUST FAN SHALL BE AS SCHEDULED.
- TRANSFER AIR DUCTWORK WITH A TRANSFER GRILLE AT EACH END.
- BI-POLAR IONIZATION AIR PURIFIER TO BE INSTALLED ON SUPPLY AIR DUCT PER MANUFACTURER'S INSTRUCTIONS. INTERLOCK DEVICE WITH AIR HANDLING UNIT SUCH THAT AS UNIT IS OPERATING SO SHALL THE DEVICE BE OPERATING, AND, OTHERWISE, BOTH SHALL NOT BE OPERATING.
- WALL MOUNTED COMBUSTION AIR LOUVERS (2), WITH ONE MOUNTED ABOVE THE OTHER. THE TOP LOUVER SHALL BE LOCATED WITHIN 12 INCHES OF CEILING AND THE OTHER WITHIN 12 INCHES OF THE FLOOR OF THE CLOTHES DRYER/WASHING MACHINE ROOM. LOUVERS SHALL BE WEATHERPROOF AND HURRICANE RATED PER MIAMI-DADE STANDARDS. FINAL LOUVER SIZE SHALL BE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND LOCATED PER ARCHITECTURAL DRAWINGS.
- CLOTHES DRYER LINT DISCHARGE VENT SHALL BE EXTENDED FROM DRYER UP TO UNDERSIDE OF CEILING AND OVER TO PASS THROUGH EXTERIOR WALL. EXTEND DRYER VENT FOR 18 INCHES BEYOND EXTERIOR WALL AND TERMINATE WITH 45 ANGLE ELBOW IN DOWN POSITION. SEAL DUCT PENETRATION AT WALL RODENT AND WEATHERPROOF PER ARCHITECTURAL DRAWINGS. VERIFY SIZE OF DISCHARGE VENT AS 8" PRIOR TO BEGINNING ANY WORK.
- FIRE DAMPER INSTALLED IN DUCTWORK IN WALL PENETRATION. INCLUDE ACCESS DOOR IN DUCT FOR DAMPER ACCESS.
- WALL MOUNTED FIXED BLADE OUTDOOR AIR INTAKE LOUVER WITH MOTORIZED DAMPER SHALL BE WEATHERPROOF AND HURRICANE RATED PER MIAMI-DADE CERTIFICATION. LOUVER SHALL BE 16 X 16, MOUNTED ON WALL WITHIN 24 INCHES OF FLOOR AND HAVE INSECT SCREEN. INTERLOCK MOTORIZED DAMPER WITH EF#6 SUCH THAT AS EXHAUST FAN IS OPERATING DAMPER SHALL BE OPEN AND OTHERWISE CLOSED.
- WALL MOUNTED PROPELLER TYPE EXHAUST FAN WITH ROOM SIDE GUARD AND BACKDRAFT DAMPER. INCLUDE DISCHARGE LOUVER WITH FAN MOUNTED WITHIN 24 INCHES OF CEILING. FAN CONTROL SHALL BE FROM SET POINT ADJUSTABLE TEMPERATURE CONTROLLER.

OUTSIDE AIR VENTILATION RATES  
IAQ PROCEDURE - 2021 IMC

ZONE TAG	FACILITY TYPE	ZONE USE	ZONE FLOOR AREA (SF) Az	ZONE MAX OCCUPANCY Rp	TABLE 6.1 OA/person (Rp)	TABLE 6.1 cfm/ft2 (Ra)	Pz*Rp	Az*Ra	TABLE 6.2 VENTILATION EFF. (Ez)	ZONE OA (CFM)
AHU#1	SPORTS	LOCKER	600 (4)	0	0	0.06	0	36	0.8	45 (3)
AHU#2	GENERAL	OFFICE	658 (4)	6	5.0	0.06	30	48	0.8	87 (3)
ZONE HEIGHT (FT)			10	AIR CHANGES/HOUR						
DESIRED OA (Va) IAQ			300	OA PER VRP		132 CFM	VRP OA CFM/PERSON		22	
MAX/MIN SA (Vs)			1435	OA PER IAQ		300 CFM	IAQ OA CFM/PERSON		50	
RETURN AIR (Vr)			1135	OA SAVINGS		N/A				
RECIRC. FLOW FACTOR(R)			0.82	OA DRY BULB		95 °F				
VENT. EFF. (Ez)			0.8	OA WET BULB		80 °F				
PHYSICAL ACTIVITY			MILD EXERCISE	COIL LVG. DRY BULB		55 °F				
FILTER LOCATION			B	COIL LVG. WET BULB		54 °F				
HVAC FLOW TYPE			CONSTANT							
OA FLOW TYPE			CONSTANT							

NOTES:

- IAQ PROCEDURE IN ACCORDANCE WITH THE ENGINEERED EXCEPTION FOUND IN IMC, SECTION 403.2 AND IN ACCORDANCE WITH ASHRAE 62.1-2013, SECTION 6.1.2 & 6.3 BY UTILIZING BI-POLAR IONIZATION TECHNOLOGY.
- ALL VALUES LISTED IN PARTS PER MILLION (PPM), UNLESS OTHERWISE NOTED.
- OUTSIDE AIR REQUIRED PER VENTILATION RATE PROCEDURE (VRP)..
- OUTSIDE AIR IAQ CALCULATION FOR TOTAL SEATING AREA.



NOTE: OWNER HAS BEEN ADVISED REGARDING THE USE OF BI-POLAR AIR PURIFICATION DEVICES.

NOTE: AIR PURIFICATION DEVICES SHALL BE INTERLOCKED WITH EVAPORATOR SECTION TO BE OPERATION ONLY AS EVAPORATOR SECTION IS OPERATING.

CONTAMINANT OF CONCERN	CONTAMINANT SOURCE	MAXIMUM THRESHOLD VALUE (PPM)	STEADY STATE USING VRP	STEADY STATE USING IAQ	STEADY STATE LEVEL OK @ REDUCED OA?
ACETALDEHYDE	PEOPLE	100	0.01112	0.00015	YES
ACETONE	PEOPLE	250	0.00167	0.00013	YES
AMMONIA	PEOPLE	25	0.01523	0.00373	YES
BENZENE	PEOPLE	1	0.00252	0.00004	YES
2-BUTANONE (MEK)	PEOPLE	200	0.00019	0.00002	YES
CARBON DIOXIDE	PEOPLE	5000	597	1026	YES
CHLOROFORM	PEOPLE	2	0.00011	0.00002	YES
DIOXANE	PEOPLE	100	0	0	YES
HYDROGEN SULFIDE	PEOPLE	10	0	0	YES
METHANE	PEOPLE	N/A	1.68094	1.68094	YES
METHANOL	PEOPLE	200	0	0	YES
METHYLENE CHLORIDE	PEOPLE	25	0.00077	0.00003	YES
PROPANE	PEOPLE	1000	0.00998	0.00998	YES
TETRACHLOROETHANE	PEOPLE	5	0	0	YES
TETRACHLOROETHYLENE	PEOPLE	100	0.00037	0.00001	YES
TOLUENE	PEOPLE	100	0.00533	0.00007	YES
TRICHLOROETHANE	PEOPLE	350	0.00077	0.02	YES
XYLENE	PEOPLE	100	0.00230	0.00003	YES

**H.M. YONGE & ASSOCIATES, INC.**  
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET  
PENSACOLA, FLORIDA 32502  
PHONE: (904)34-2661

253 ST. ANTHONY STREET  
MOBILE, ALABAMA 36603  
PHONE: (251)690-7446

SHEET TITLE: HVAC PLAN - SOFTBALL FIELD HOUSE

MCKEE JOB #: 23-199

DRAWN BY: ARH

DATE: JUNE 04, 2024

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO.: M1.2





NEW SOFTBALL COMPLEX  
 AT  
 DAPHNE HIGH SCHOOL  
 FOR THE  
 BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE: HVAC PLAN - SCHEDULES, LEGEND AND DETAILS  
 MCKEE JOB #: 23-199  
 DRAWN BY: ARH  
 DATE: JUNE 04, 2014  
 REVISED DATE:  
 REVISED DATE:  
 REVISED DATE:  
 SHEET NO.: **M2.1**

FAN SCHEDULE												
MARK	TOTAL CFM	TSP IN WC	MAX RPM	TYPE DRIVE	TYPE FAN	INTERLOCK WITH	MOTOR HP/WATTS	MAX SONES	ELECTRICAL DATA			REMARKS
									VOLTS	Hz	PHASE	
EF#1	250	0.25	999	DIRECT	CEILING MOUNTED	LIGHT SWITCH	83 W	2.5	115	60	1	①②③④⑤
EF#2	250	0.25	999	DIRECT	CEILING MOUNTED	LIGHT SWITCH	83 W	2.5	115	60	1	①②③④⑤
EF#3	50	0.25	455	DIRECT	CEILING MOUNTED	LIGHT SWITCH	30 W	2.0	115	60	1	①②③④⑤
EF#4	150	0.5	731	DIRECT	CEILING MOUNTED	T-STAT	83 W	1.3	115	60	1	①②③④⑤
EF#5	250	0.25	999	DIRECT	CEILING MOUNTED	LIGHT SWITCH	83 W	2.5	115	60	1	①②③④⑤
EF#6	300	0.15	562	DIRECT	WALL MOUNTED	T-STAT	0.25 HP	1.4	115	60	1	⑥

- NOTES:
- PROVIDE WITH FAN SPEED CONTROLLER, CONTROLLER SHALL BE MOUNTED TO FAN.
  - PROVIDE WITH ALUMINUM GRILLE. PLASTIC GRILLES SHALL NOT BE ACCEPTABLE
  - PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.
  - PROVIDE WITH INTEGRAL DISCONNECT.
  - PROVIDE WITH THERMAL OVERLOAD.
  - PROVIDE UNIT AS A PREMANUFACTURED ASSEMBLY.

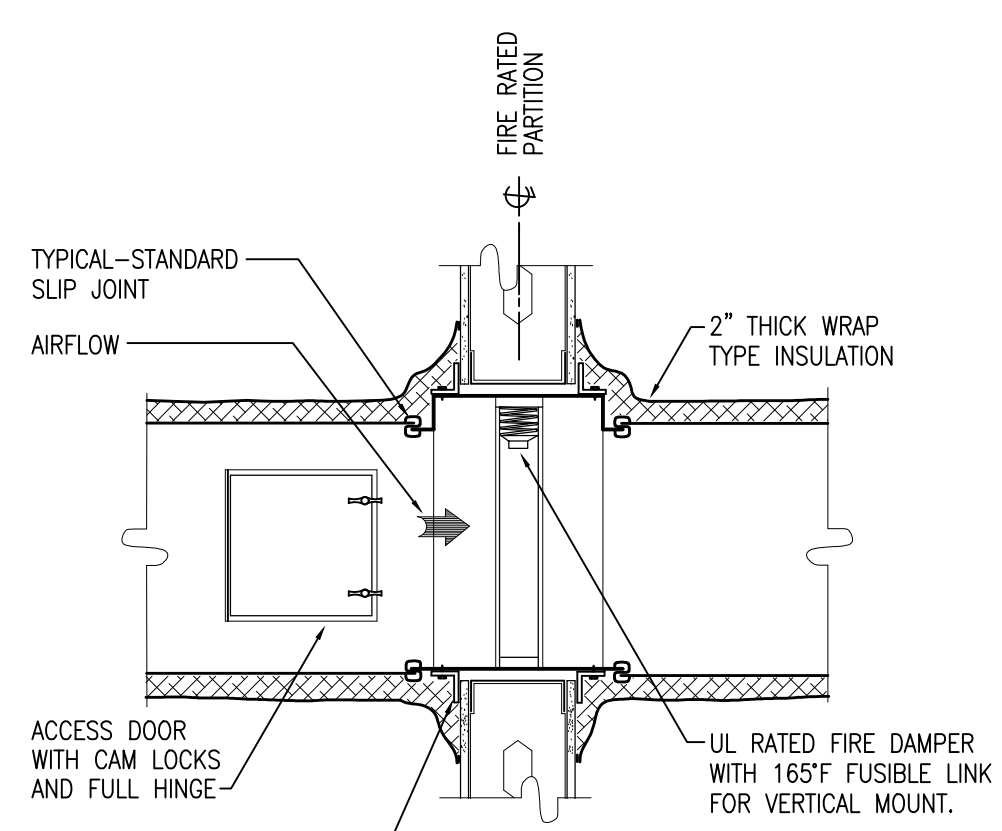
AIR DEVICE SCHEDULE					
MARK	CFM	MAX. NC	AIR DEVICE SIZE	DUCT CONNECTION SIZE	REMARKS (TYPE)
0-75	0-75	25	6"x6"	6"	CD
76-150	76-150	25	9"x6"	7"	CD
151-200	151-200	25	9"x9"	8"	CD
201-300	201-300	25	9"x9"	9"	CD
301-400	301-400	25	9"x12"	10"	CD
---	---	---	---	---	---
0-150	0-150	25	8"x8"	SEE PLANS	RAR/TG
151-450	151-450	25	12"x12"	SEE PLANS	RAR/TG
451-600	451-600	25	14"x14"	SEE PLANS	RAR/TG

- NOTES:
- PROVIDE 24"x24" PANEL FOR ALL AIR DEVICES IN LAY-IN CEILING.
  - PROVIDE DUCT CONNECTION SIZE SHOWN UNLESS OTHERWISE NOTED ON PLANS.
  - AIR DEVICE SIZES SHOWN ON PLANS TAKE PRECEDENCE OVER THIS SCHEDULE.

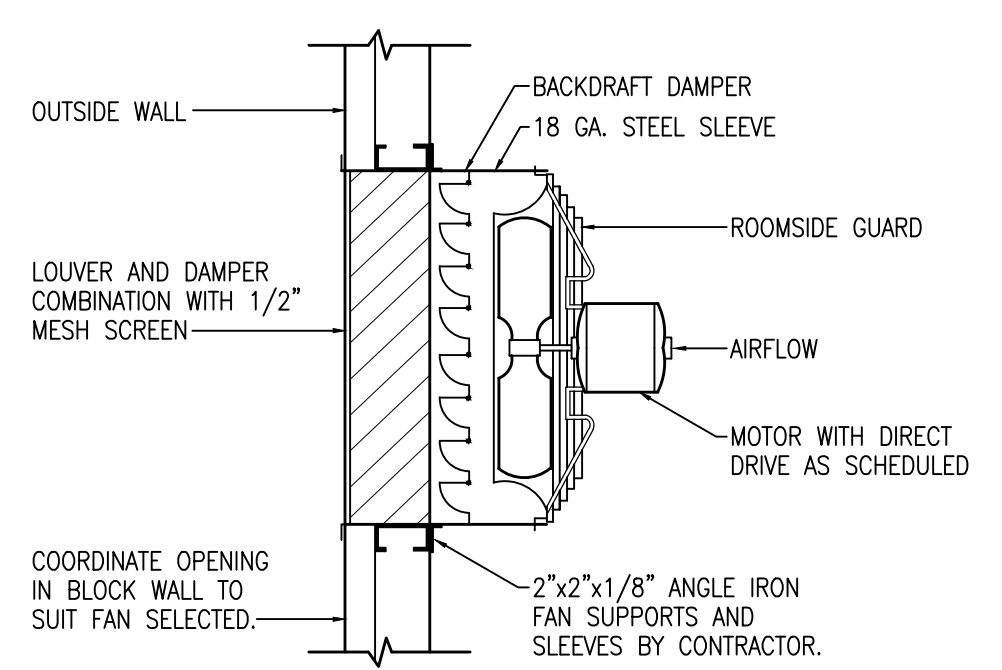
ELECTRIC UNIT HEATER SCHEDULE										
MARK EUH#	CFM	HEATING CAPACITY			MOTOR DATA		ELECTRICAL DATA			REMARKS
		INPUT KW	STAGES	OUTPUT BTU/HR	AMPS	VOLTS	Hz	PHASE		
EUH#1	341	3.0	1 @ 3.0	10,236	12.5	208	60	1	①②	
EUH#2	341	3.0	1 @ 3.0	10,236	12.5	208	60	1	①②	

- NOTES:
- SET POINT ADJUSTABLE CONTROLS SHALL BE INTEGRAL TO UNIT.
  - BASIS OF DESIGN: MARLEY COMMERCIAL FAN-FORCED WALL HEATER - CWH SERIES

MECHANICAL LEGEND	
AHU	AIR HANDLING UNIT
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
EF	EXHAUST FAN
MVD	MANUAL VOLUME DAMPER
OA	OUTDOOR AIR
RA	RETURN AIR
RAR	RETURN AIR REGISTER
SA	SUPPLY AIR
TG	TRANSFER GRILLE
TYP	TYPICAL
	CEILING DIFFUSER WITH THROW INDICATION
	EXHAUST/RETURN AIR DEVICE
	FLEXIBLE DUCT
	DUCTWORK (DIMENSIONS: WIDTH X HEIGHT)
	FLEX DUCT TAKE-OFF WITH AIR-SCOOP, SPIN-IN TAP AND BALANCING DAMPER
	ELBOW WITH TURNING VANES
	BULLHEAD TEE WITH TURNING VANES AND SPLITTER DAMPER
	45° SHOE-FITTING TAKE-OFF
	DUCT CONNECTION OVER AIR DEVICE
	RETURN AIR DUCT IN SECTION
	SUPPLY AIR DUCT IN SECTION
	BI-POLAR IONIZATION
	DUCT MOUNTED SMOKE DETECTOR
	MOTORIZED DAMPER
	THERMOSTAT WITH EQUIPMENT # SERVED MOUNT 48" A.F.F.
	5/8" DOOR UNDERCUT
	MANUAL VOLUME DAMPER

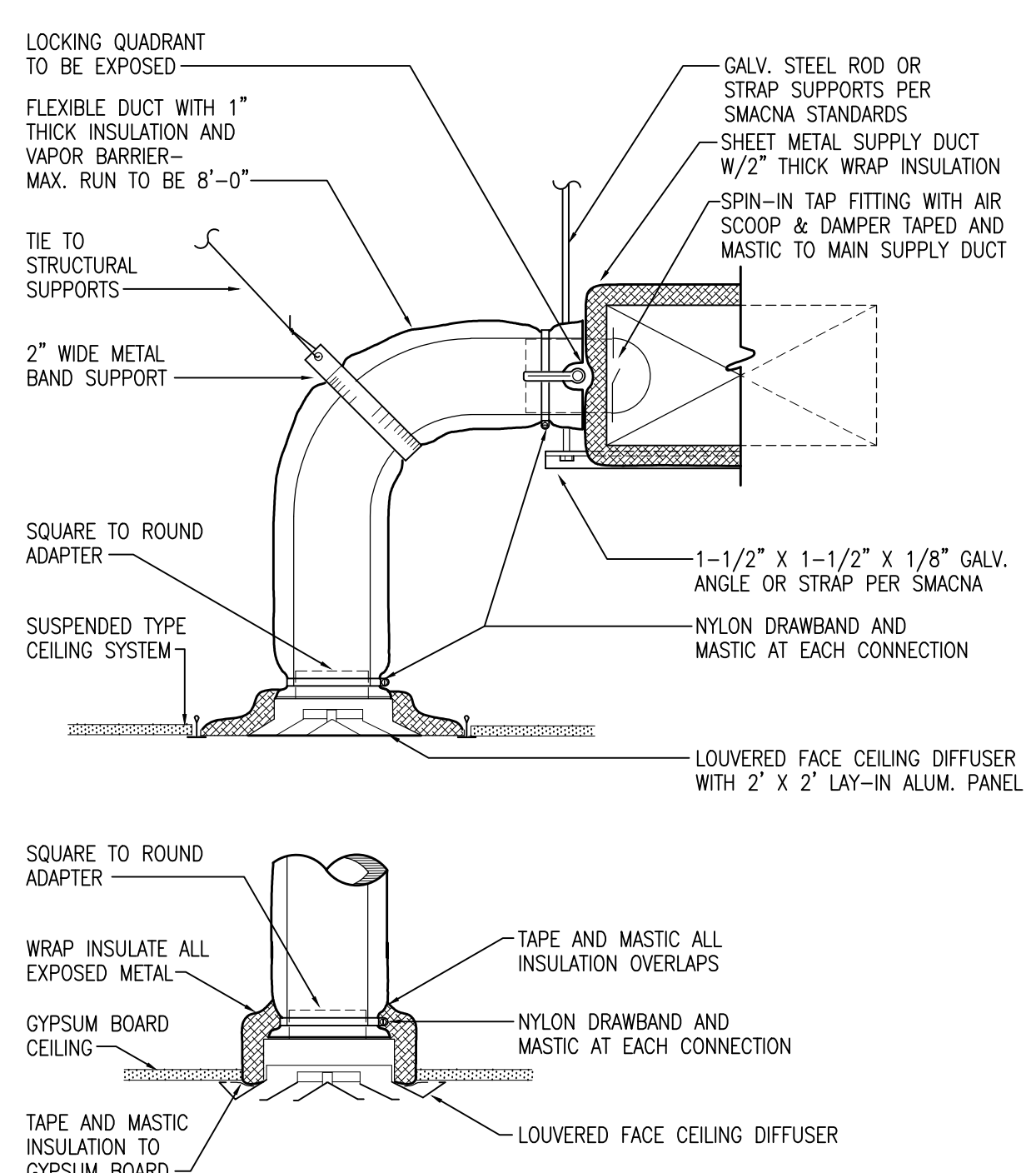


TYPICAL FIRE DAMPER DETAIL  
NOT TO SCALE



NOTE: MECHANICAL CONTRACTOR SHALL SELECT FAN TO DIMENSIONALLY FIT LOUVER SPACE INDICATED ON DRAWING. VERIFY DIMENSIONS IN FIELD. BLANK OFF UNUSED PORTION OF LOUVER.

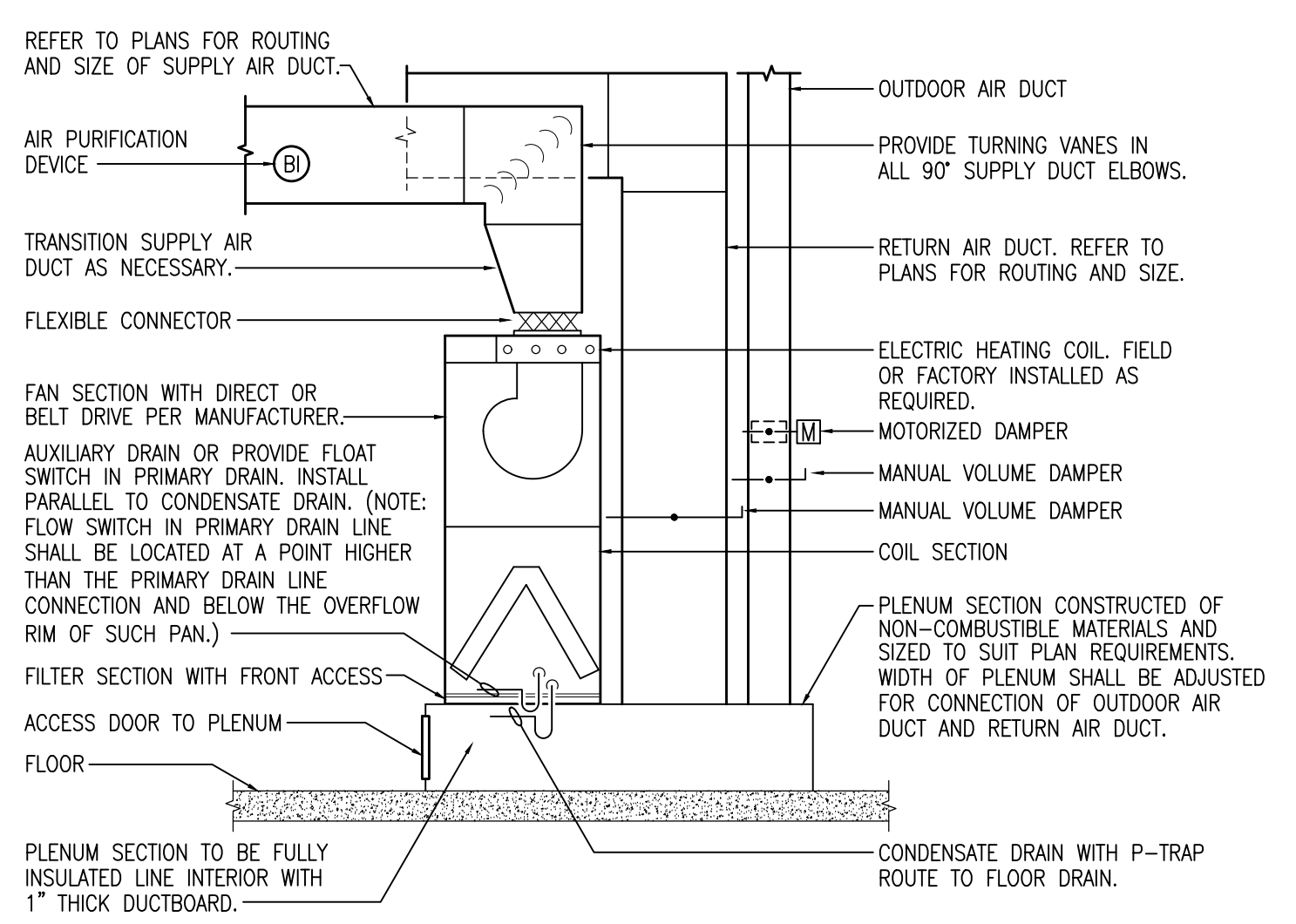
WALL MOUNTED PROPELLER FAN DETAIL  
NOT TO SCALE



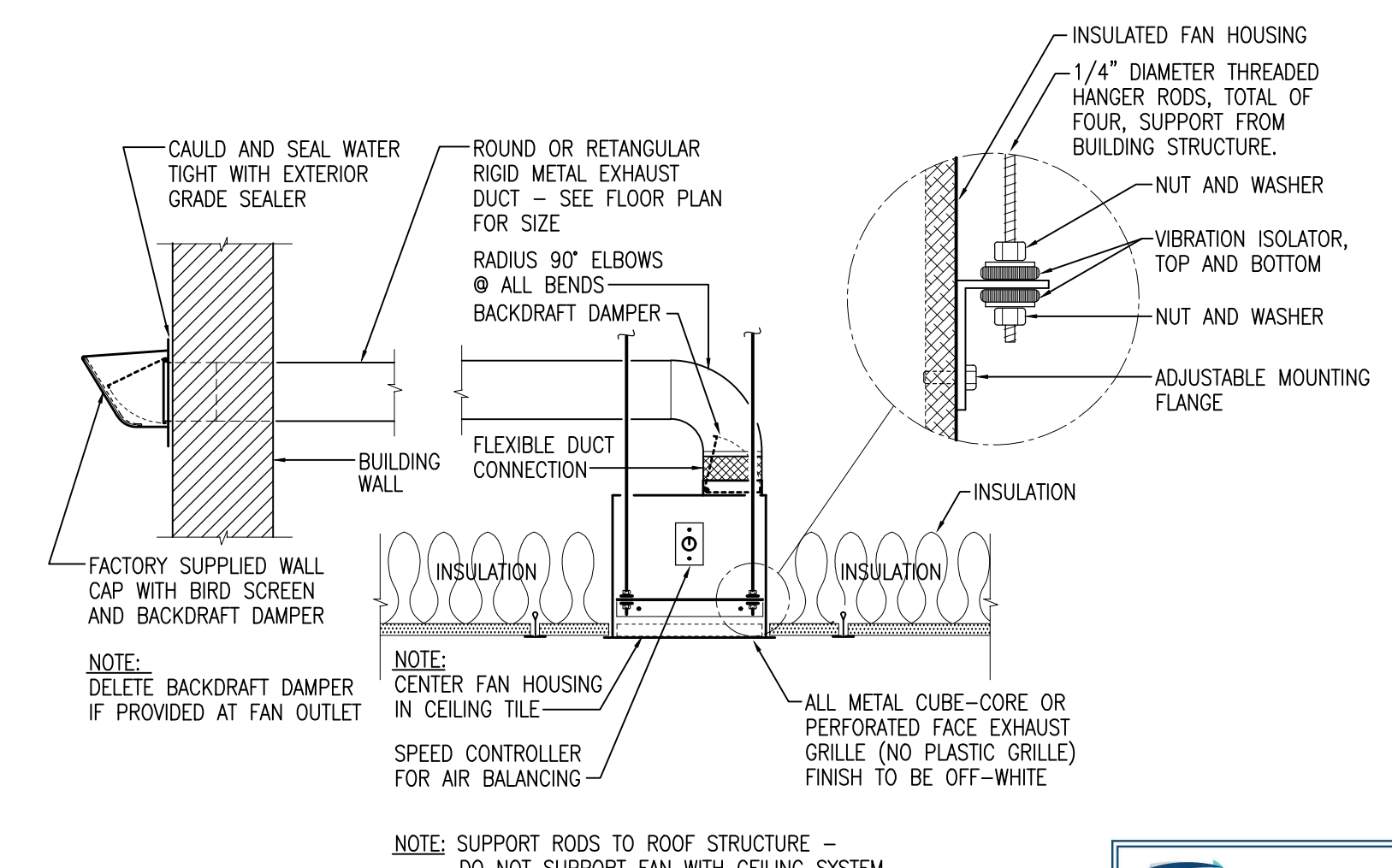
TYPICAL CEILING DIFFUSER DETAIL  
NOT TO SCALE

MINI-SPLIT SYSTEM UNIT SYSTEM																		
MARK AHU	AHU DATA				COOLING CAPACITY @ ARI STANDARD CONDITIONS				HEATING CAPACITY @ ARI STANDARD CONDITIONS				SEER/SEER2	C.O.P.	ELECTRICAL DATA			REMARKS
	TOTAL CFM	OA CFM	ESP	MOTOR	EDB °F	EWB °F	AMBIENT °F	TOTAL BTU/HR	SENSIBLE BTU/HR	EDB °F	EWB °F	AMBIENT °F			TOTAL BTU/HR	VOLTS	Hz	
DAHU#1 DHPU#1	1020	60	0.2"	0.95 A	80	67	95	36,000	25,200	70	47	42,000	21.8/20.1	4.2	208	60	1	①②③④⑤⑥⑦⑧
DAHU#2 DHPU#2	300	20	0.2"	0.2 A	80	67	95	9,000	6,300	70	47	11,000	22.4/21.0	4.2	208	60	1	①②③④⑤⑥⑦⑧⑨
AHU#1 HPU#1	700	150	0.5"	3.3 A	80	67	95	27,000	24,300	70	47	33,000	15.0/15.2	4.2	208	60	1	①②④⑤⑥⑦⑩
AHU#2 HPU#2	735	150	0.5"	3.3 A	80	67	95	27,000	24,300	70	47	33,000	15.0/15.2	4.2	208	60	1	①②④⑤⑥⑦⑩

- NOTES:
- PROVIDE INDOOR UNIT COMPLETE WITH A WALL MOUNTED THERMOSTAT.
  - INDOOR UNIT RECEIVES POWER FROM OUTDOOR UNIT THRU FIELD SUPPLIED INTERCONNECTED WIRING. COORDINATE WIRING REQUIREMENTS WITH ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ELECTRICAL CONTRACTOR PROVIDING POWER TO INDOOR UNIT.
  - ROUTE FULLY INSULATED CONDENSATE DRAIN LINE TO JANITOR'S SINK.
  - PROVIDE WITH DRAIN PAN LEVEL SENSOR TO SHUT DOWN UNIT PRIOR TO PAN OVERFLOW. SENSOR SHALL BE PROVIDED BY UNIT MANUFACTURER.
  - AIRFLOW SHOWN IS FOR 'MEDIUM' CFM SETTING WITH DRY COIL CONDITION. ADJUST TO "HIGH" SPEED TO ACCOMMODATE FIELD CONDITIONS.
  - PROVIDE WITH 7 YEAR COMPRESSOR AND 5 YEAR PARTS MANUFACTURER WARRANTY.
  - BIPOLAR IONIZATION SHALL BE INCLUDED IN SUPPLY AIR DUCT. BASIS OF DESIGN: MITSUBISHI PEAD.
  - DUCTLESS CEILING MOUNTED CASSETTE TYPE UNIT. BASIS OF DESIGN MITSUBISHI PLA INDOOR: PLA-A36, OUTDOOR: PUZ-A36. MCA=25, MOCP=31.
  - DUCTLESS CEILING MOUNTED CASSETTE TYPE UNIT. BASIS OF DESIGN MITSUBISHI SLZ INDOOR: SLZ-KF09, OUTDOOR: SUZ-KA09. MCA=9, MOCP=15.
  - SPLIT SYSTEM VERTICAL UNIT. BASIS OF DESIGN: MITSUBISHI. INDOOR: NTXAMT30A112AA (MCA=4.13, MOCP=20), OUTDOOR: NTXSKS30A112AA (MCA=17.0, MOCP=31).



TYPICAL VERTICAL AHU DETAIL  
NOT TO SCALE



TYPICAL EXHAUST FAN DETAIL  
NOT TO SCALE

**H.M. YONGE & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS // EST. 1988  
 51 EAST GREGORY STREET PENSACOLA, FLORIDA 32502 PHONE: (850)434-2661  
 253 ST. ANTHONY STREET MOBILE, ALABAMA 36603 PHONE: (251)900-7446



ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	PANELBOARD - SEE RESPECTIVE PANELBOARD SCHEDULE.
	BRANCH CIRCUIT CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING. ARROWS INDICATE CIRCUIT HOMERUN, HASHMARKS INDICATE NUMBER OF CONDUCTORS, ABSENCE OF HASHMARKS INDICATES TWO CONDUCTORS PLUS GROUND. "A" DENOTES PANELBOARD SERVING CIRCUIT, "1" INDICATES CIRCUIT BREAKER SPACE IN PANELBOARD. SEE RESPECTIVE PANEL CIRCUIT SCHEDULE. MINIMUM CONDUCTOR SIZE = #12 AWG.
	INDICATES CONDUIT RUN UNDERGROUND.
	NON-FUSED DISCONNECT, HEAVY DUTY (SAFETY) SWITCH - SIZE AND TYPE AS NOTED. TOP OF SWITCH 6"-6" A.F.F. PROVIDE MECHANICALLY FASTENED PHENOLIC LABEL.
	ELECTRIC MOTOR - SEE RESPECTIVE EQUIPMENT SCHEDULE.
	20A, 125 VAC 2P, 3W, GROUNDING TYPE, DOUBLE DUPLEX RECEPTACLE. FLUSH WALL MOUNTED 18" A.F.F. WITH GROUND PIN FACING UP UNLESS NOTED OTHERWISE.
	20A, 125 VAC 2P, 3W, GROUNDING TYPE, DUPLEX RECEPTACLE. FLUSH WALL MOUNTED 18" A.F.F. WITH GROUND PIN FACING UP UNLESS NOTED OTHERWISE.
	INDICATES GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE. FLUSH WALL, READILY ACCESSIBLE, MOUNTED 18" A.F.F. WITH GROUND PIN FACING UP UNLESS NOTED OTHERWISE.
	20A, 125 VAC 2P, 3W, GROUNDING TYPE, DUPLEX RECEPTACLE WITH TOP OUTLET UNSWITCHED AND THE BOTTOM OUTLET SWITCHED WITH THE LIGHT FIXTURES. PROVIDE PHENOLIC LABEL INDICATING BOTTOM OUTLET IS CONTROLLED WITH THE LIGHT FIXTURES AND WILL SWITCH OFF WHEN THE ROOM IS UNOCCUPIED. RECEPTACLE SHALL BE FLUSH WALL MTD. 18" A.F.F. UNLESS NOTED OTHERWISE.
	(2) 20A, 125 VAC 2P, 3W, GROUNDING TYPE, DUPLEX RECEPTACLES FLUSH MOUNTED IN FLOOR BOX WITH FLUSH FACEPLATE AND (2) TYPE "D2" DATA OUTLETS AS INDICATED ON TELECOM LEGEND. PROVIDE DEVICE MOUNTING BRACKETS FOR EACH DEVICE. ONE OF THE TWO DUPLEX RECEPTACLES SHALL BE SWITCHED ENTIRELY. FLOOR BOX EQUAL TO WIREMOLD CAT# RFB4SS SERIES WITH COVER EQUAL TO WIREMOLD CAT# FPFC(FINISH BY ARCHITECT). PROVIDE A MINIMUM 1" CONDUIT FOR CAT-5e CABLES ROUTED UNDERGROUND OVER TO NEAREST FULL WALL AND UP TO 6" ABOVE ACCESSIBLE CEILING.
	JUNCTION BOX LOCATION. SIZE AND TYPE AS REQUIRED.
	INSTALL OUTLET TO MATCH PLUG ON EQUIPMENT.
	GROUNDING ELECTRODE SYSTEM IN ACCORDANCE WITH N.E.C. ARTICLE 250.50 - SEE PLANS AND RISER.
	POWER RELAY TO INTERLOCK WITH 277V LIGHTS OR MECHANICAL EQUIPMENT. COORDINATE VOLTAGE REQUIREMENTS WITH THE MECHANICAL CONTRACTOR FOR MECHANICAL EQUIPMENT INTERLOCKS.
	ADDRESSABLE INTELLIGENT FIRE ALARM SYSTEM CONTROL PANEL - WITH 2 LINE DIALER CONNECTED TO TELEPHONE BACKBOARD. VOICE EVACUATION CAPABLE.
	FIRE ALARM SYSTEM ADDRESSABLE PULL STATION - SEMI FLUSH MOUNTED 48" A.F.F. TO TOP UNLESS NOTED OTHERWISE.
	ADDRESSABLE INTELLIGENT CEILING MOUNTED FIRE ALARM SYSTEM PHOTOELECTRIC TYPE SMOKE DETECTOR WITH BASE.
	ADDRESSABLE INTELLIGENT FIRE ALARM SYSTEM HEAT DETECTOR RATE OF RISE TYPE.
	FIRE ALARM SYSTEM SPEAKER / STROBE DEVICE SEMI FLUSH WALL MOUNTED AT 80" A.F.F. OR 6" BELOW THE FINISHED CEILING WHICHEVER IS LOWER, UNLESS NOTED OTHERWISE. ALL STROBES IN COMMON SPACES OR CORRIDORS SHALL BE SYNCHRONIZED. STROBE SHALL BE 75 CANDELLA MINIMUM UNLESS NOTED OTHERWISE.
	FIRE ALARM SYSTEM VISUAL DEVICE SEMI FLUSH WALL MOUNTED AT 80" A.F.F. OR 6" BELOW THE FINISHED CEILING WHICHEVER IS LOWER, UNLESS NOTED OTHERWISE. ALL STROBES IN COMMON SPACES OR CORRIDORS SHALL BE SYNCHRONIZED. STROBE SHALL BE 75 CANDELLA MINIMUM UNLESS NOTED OTHERWISE.
	FIRE ALARM SYSTEM SPEAKER / STROBE DEVICE SEMI FLUSH MOUNTED IN THE CEILING. ALL STROBES IN COMMON SPACES OR CORRIDORS SHALL BE SYNCHRONIZED. STROBE SHALL BE 75 CANDELLA MINIMUM UNLESS NOTED OTHERWISE.
	EXTERIOR FIRE ALARM SYSTEM HORN ALARM (WEATHERPROOF DEVICE WITH WEATHERPROOF CAST BOX). FLUSH MOUNT 8'0" AFF. COORDINATE MOUNTING LOCATION WITH OBSTACLES AND MOUNT AS REQUIRED.
	ADDRESSABLE INTELLIGENT FIRE ALARM SYSTEM DUCT MOUNTED PHOTOELECTRIC SMOKE DETECTOR COMPLETE WITH HOUSING AND AIR SAMPLING TUBES. "S" DENOTES DETECTOR IN SUPPLY DUCT; "R" DENOTES DETECTOR IN RETURN DUCT.
	FIRE ALARM SYSTEM INTERFACE MODULE - MOUNTED AT EQUIPMENT.
	SPRINKLER SYSTEM FLOW SWITCH. FURNISHED BY FIRE ALARM SYSTEM SUPPLIER, INSTALLED BY FIRE PROTECTION (SPRINKLER) SYSTEM CONTRACTOR, AND CONNECTED TO FIRE ALARM SYSTEM CONTROL PANEL BY FIRE ALARM SYSTEM CONTRACTOR.
	SPRINKLER SYSTEM TAMPER SWITCH. FURNISHED BY FIRE ALARM SYSTEM SUPPLIER, INSTALLED BY FIRE PROTECTION (SPRINKLER) SYSTEM CONTRACTOR, AND CONNECTED TO FIRE ALARM SYSTEM CONTROL PANEL BY FIRE ALARM SYSTEM CONTRACTOR.
	ADDRESSABLE INTELLIGENT FIRE ALARM VOICE COMMAND CENTER.
	ADDRESSABLE INTELLIGENT FIRE ALARM FIRE FIGHTERS MICROPHONE FLUSH MOUNTED IN WALL. COORDINATE FINAL LOCATION WITH THE AHJ PRIOR TO ROUGH-IN.
	INDICATES DEVICE FLUSH MOUNTED HORIZONTALLY 6" ABOVE COUNTERTOP OR IN BACKSPASH.
	COORDINATE DEVICE LOCATION WITH ELECTRIC WATER COOLER. MOUNT IN AN ACCESSIBLE LOCATION.
	INDICATES WEATHER RESISTANT WIRING DEVICE WITH WEATHER PROOF IN-USE COVER PLATE.
	INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE DEVICE.

**SYMBOLS NOTES:** UNLESS OTHERWISE NOTED THE FOLLOWING SHALL APPLY:

- ALL OUTLETS SHALL BE FLUSH MOUNTED.
- MOUNTING HEIGHTS ARE FROM THE CENTER LINE OF THE DEVICE.
- ALL SINGLE GANG AND TWO GANG DEVICES SHALL USE A 4" SQ. BOX WITH EXTENSION RING.
- ALL MULTI - GANG DEVICES SHALL USE A COMMON COVER PLATE
- COLORS FOR ALL DEVICES (i.e. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC.) AND THEIR COVER PLATES SHALL BE DETERMINED BY THE ARCHITECT.
- A.F.F. INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR.
- ALL WIRING SHALL BE COPPER.
- DO NOT INSTALL OUTLETS BACK TO BACK.
- PROVIDE INDICATES THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL.
- WHERE MORE THAN 3 CURRENT CARRYING CONDUCTORS MAY BE RUN IN A SINGLE CONDUIT, NEC SECTION 310.15 SHALL APPLY.

LIGHTING FIXTURE SCHEDULE

MARK	LAMPS	MOUNTING	MANUFACTURER AND CATALOG NUMBER	NOTES
	LUMENS WATTS	TYPE		
HB2E**	2944 28W	LED 40K SURFACE WALL 8'0" AFF	GARCOO 104L-16L-530-NW-G1-2-EBPC-UNV-00-PCB-IMR2-F1-BZ	PROVIDE WITH INTEGRAL PHOTOCELL ON/OFF CONTROL AND 30% DIMMING AFTER 15 MINUTES NO ACTIVITY.
HB4E**	2747 28W	LED 40K SURFACE WALL 8'0" AFF	GARCOO 104L-16L-530-NW-G1-4-EBPC-UNV-00-PCB-IMR2-F1-BZ	PROVIDE WITH INTEGRAL PHOTOCELL ON/OFF CONTROL AND 30% DIMMING AFTER 15 MINUTES NO ACTIVITY.
WS	1000 10W	LED 40K SURFACE WALL 8'0" AFF	FC FCW1033-277-4-10L-BZ-YL	
EX	N/A 1W	LED RED UNIVERSAL	HE WILLIAMS EXIT/CA-R-AF-BLK-EM-SDT	PROVIDE ARROWS AS INDICATED ON PLANS. PROVIDE SINGLE/DOUBLE FACE AS INDICATED ON PLANS. EX1 INDICATES SINGLE FACE EX2 INDICATES DOUBLE FACE.
L3A L3AE	3000 20W	LED 35K RECESSED GRID	HE WILLIAMS LT-24-L40-8-35-AF-(L30)-DM-120 HE WILLIAMS LT-24-L40-8-35-AF-(L30)-DM-120-EM/10WLP	
L3I L3IE	3000 20W	LED 35K SUSPENDED 9'0" AFG	HE WILLIAMS 75R-4-L40-835-(L30)-DRV-120 HE WILLIAMS 75R-4-L40-835-(L30)-DRV-120-EM/10WLP	
L3O	4000 20W	LED 35K SURFACE CEILING	HE WILLIAMS 96-4-L40-835-HAFR-WET/1-DIM-UNV	
BC	11000 88W	LED 40K SUSPENDED CEILING	HE WILLIAMS 96-4-L110-840-HAFR-SSCMB-WET/1-DIM-UNV	BATTING CAGE LIGHTS. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT.
L5A L5AE	5000 33W	LED 35K RECESSED GRID	HE WILLIAMS LT-24-L52-8-35-AF-DM-120 HE WILLIAMS LT-24-L52-8-35-AF-DM-120-EM/10WLP	
SL15	1500 13.8	LED 35K SURFACE CEILING	HE WILLIAMS 6DR-L15-830-DM-UNV-OW-OF-WH-WET/CC	

\*\* FIXTURE SHALL BE PROVIDED WITH PHOTO AND MOTION CONTROL AND BE PROGRAMMED TO DIM BY 30% DURING ANY PERIOD WHERE NO ACTIVITY HAS BEEN DETECTED FOR LONGER THAN 15 MINUTES. THE CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS WITH THE FIXTURE MANUFACTURER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL CONTROLS AND ACCESSORIES HAVE BEEN PROVIDED WITH THE FIXTURE FOR A COMPLETE AND FUNCTIONAL ASSEMBLY REGARDLESS OF THE SPECIFIED MODEL NUMBER. SEE KEYNOTES ON LIGHTING PLANS FOR ADDITIONAL INFORMATION.

**GENERAL NOTES:**

- THE MOUNTING HEIGHTS/PENDANT LENGTHS OF ALL FIXTURES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION.
- ANY EXPOSED RACEWAY SHALL BE PAINTED TO MATCH THE BACKGROUND COLOR.
- PROVIDE FLANGE KITS FOR ALL FIXTURES INSTALLED IN A SHEET ROCK CEILING.
- CONTRACTOR SHALL ORDER FIXTURES WITH PROTECTIVE COVER OPTION TO PROTECT FIXTURES DURING CONSTRUCTION.
- FIXTURE TAGS THAT INCLUDE "E" SHALL BE PROVIDED WITH EMERGENCY BATTERY BACK UP.

CONTRACTOR SHALL PROVIDE A MINIMUM OF 4 HOURS OWNER TRAINING ON THE LIGHTING CONTROL SYSTEM BY A FACTORY CERTIFIED REPRESENTATIVE.

CONTRACTOR SHALL SUBMIT AN OCCUPANCY SENSOR LAYOUT ON A FLOOR PLAN AS PART OF THE SHOP DRAWINGS.

CONTRACTOR SHALL SUBMIT WITH THE SHOP DRAWINGS:

STADIUM POINT BY POINT LIGHTING CALCULATIONS SHOWING A MINIMUM AVERAGE OF 55 FOOTCANDLES ON THE FIELD WITH A MAX/MIN RATIO OF 1.4 OR LESS. CALCULATION PLAN SHALL BE 3FT AFG. CALCULATIONS SHALL INCLUDE LUMINAIRE SCHEDULE, CALCULATION SUMMARY, AND FIXTURE AIMING DIAGRAM. AIMING ANGLES SHALL NOT EXCEED 60 DEGREES.

PROVIDE LIGHTING CONTROL SYSTEM COMMISSIONING AGENT'S FACTORY CERTIFICATION.

PROVIDE A COPY OF THE LIGHTING CONTROL SYSTEM MANUFACTURER'S COMMISSIONING REQUEST FORM, OBTAINED FROM THE COMMISSIONING AGENT, SIGNED BY THE CONTRACTOR AND ISSUED BACK TO THE COMMISSIONING AGENT.

LIGHTING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	"LED" LIGHTING FIXTURE. HATCHED FIXTURES INDICATE INTEGRAL BATTERY BACKUP. LETTER(S) DENOTE TYPE - SEE LIGHTING FIXTURE SCHEDULE.
	LED LIGHTING FIXTURE. LETTER(S) DENOTE TYPE - SEE LIGHTING FIXTURE SCHEDULE.
	"LED" EXIT LIGHT WITH GTD. DARKENED QUADRANTS INDICATE ILLUMINATED FACES, ARROWS AS INDICATED. LETTER(S) DENOTE TYPE - SEE LIGHTING FIXTURE SCHEDULE.
	20 AMP, 120/277 VAC SINGLE POLE TOGGLE SWITCH - FLUSH WALL MOUNTED 48" A.F.F. UNLESS NOTED OTHERWISE. SUBSCRIPT INDICATES AS FOLLOWS: DT - DUAL TECHNOLOGY MOTION SENSOR WALL SWITCH. WATSTOPPER DW-100. TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. PROGRAM FOR "MANUAL ON". M - 30 AMP SWITCH EQUAL TO HUBBELL HBL7832D OR HBL7810D, AS REQUIRED. PROVIDE PHENOLIC LABEL. MO - LOW VOLTAGE MOMENTARY TOGGLE SWITCH EQUAL TO WATSTOPPER LVS-1 FOR "MANUAL ON" CONTROL OF CEILING MOUNTED OCCUPANCY SENSOR. D - 0-10V ON/OFF/DIMMING WALL SWITCH. SEE LIGHTING PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS. LVX - LOW VOLTAGE MOMENTARY WALL SWITCH COMPATIBLE WITH RELAY PANEL. SEE LIGHTING PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS. PROGRAM FOR "MANUAL ON" AND "AUTOMATIC OFF".
	DUAL TECHNOLOGY CEILING-MOUNTED 360° OCCUPANCY SENSOR, WATSTOPPER DT-300. SEE LIGHTING CONTROL WIRING DIAGRAM FOR ADDITIONAL INFORMATION. MOUNT AT LOCATION AS INDICATED ON PLANS. DEVICE SHALL BE PROGRAMMED FOR "AUTOMATIC ON" (UNLESS INDICATED OTHERWISE ON PLANS). PROGRAM SUCH THAT BOTH TECHNOLOGIES ARE REQUIRED TO TRIGGER LIGHTS "ON" AND EITHER TECHNOLOGY SHALL "HOLD" LIGHTS "ON". SEE PLANS FOR SENSOR LOCATIONS THAT ARE "MANUAL ON" ONLY. TIME DELAY DURATION SHALL BE 20 MINUTES MAXIMUM. SEE MANUFACTURERS INSTRUCTIONS FOR APPROPRIATE DIP SWITCH SETTINGS.
	LINE VOLTAGE, PIR, CEILING-MOUNTED 360° OCCUPANCY SENSOR WITH DIMMING CAPABILITIES EQUAL TO WATSTOPPER FSP-L3. MOUNT AT LOCATION AS INDICATED ON PLANS. DEVICE SHALL BE PROGRAMMED FOR "AUTOMATIC ON". TIME DELAY DURATION SHALL BE 15 MINUTES. SEE MANUFACTURERS INSTRUCTIONS FOR APPROPRIATE DIP SWITCH SETTINGS. "X" INDICATES ZONE OF FIXTURES TO BE CONTROLLED BY THE OCCUPANCY SENSOR. 0-10V DIMMING CONTROL WIRING NOT INDICATED BUT SHALL BE PROVIDED TO EACH FIXTURE. CONTROLLED FIXTURES SHALL DIM TO 50% WHEN NO MOTION IS DETECTED.
	POWER PACK RELAY FOR CONTROL OF LIGHTING CONTROLS, EQUAL TO WATSTOPPER CAT# BZ-150. MOUNT DEVICE IN AN ACCESSIBLE LOCATION.
	POWER PACK RELAY FOR CONTROL OF LIGHTING CONTROLS, EQUAL TO WATSTOPPER CAT# BZ-200. MOUNT DEVICE IN AN ACCESSIBLE LOCATION.
	120V, WET LOCATION LISTED, BUTTON TYPE PHOTOCELL MOUNTED AT 8'-0" A.F.G.

**SYMBOLS LEGEND GENERAL NOTES:**

- ALL DEVICES ARE TO BE FLUSH MOUNTED.
- MOUNTING HEIGHTS ARE FROM THE CENTER LINE OF THE DEVICE.
- ALL SINGLE GANG AND TWO GANG DEVICES SHALL USE A 4" SQ. BOX WITH EXTENSION RING.
- ALL MULTI - GANG DEVICES SHALL USE A COMMON COVER PLATE COLORS FOR ALL DEVICES (i.e. SWITCHES, RECEPTACLES, TELEPHONE OUTLETS, ETC.) AND THEIR COVER PLATES SHALL BE DETERMINED BY THE ARCHITECT.
- LIGHTING CONTROL SYSTEM SHALL BE PROGRAMMED BY A CERTIFIED LIGHTING CONTROLS COMMISSIONING INSTALLER.
- CONTRACTOR SHALL REFERENCE DETAIL SHEETS E700.1 - E700.6 FOR LOW VOLTAGE LIGHTING SWITCH WIRING REQUIREMENTS.
- CONTRACTOR SHALL REFERENCE DETAIL SHEETS E700.1 - E700.5 FOR DIGITAL ROOM CONTROLLER WIRING REQUIREMENTS.

CONTRACTOR SHALL PROVIDE THE OWNER WITH RECORD DRAWINGS AND MANUALS THAT PROVIDE INSTRUCTION ABOUT THE OPERATION AND MAINTENANCE OF THE BUILDING'S ELECTRICAL DISTRIBUTION SYSTEM. REFER TO ASHRAE 90.1 2013 8.7.

ANY PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED PER THE NEC WITH UL LISTED FIRE STOPPING COMPOUND.

ALL RECEPTACLES SHALL BE TAMPER RESISTANT.

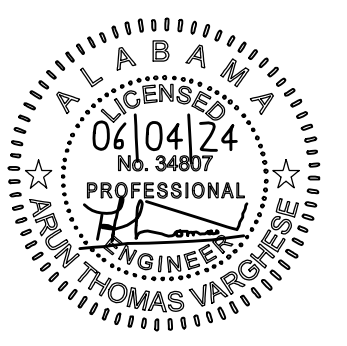
ELECTRICAL GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE A MINIMUM OF 4 HOURS OWNER TRAINING ON THE LIGHTING CONTROL SYSTEM BY A FACTORY CERTIFIED REPRESENTATIVE.
- CONTRACTOR SHALL SUBMIT AN OCCUPANCY SENSOR LAYOUT ON A FLOOR PLAN AS PART OF THE SHOP DRAWINGS.
- ANY PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED PER THE NEC WITH UL LISTED FIRE STOPPING COMPOUND.
- CONTRACTOR SHALL PROVIDE THE OWNER WITH RECORD DRAWINGS AND MANUALS THAT PROVIDE INSTRUCTION ABOUT THE OPERATION AND MAINTENANCE OF THE BUILDING'S ELECTRICAL DISTRIBUTION SYSTEM. REFER TO ASHRAE 90.1 2013 8.7.



NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

MCKEE and ASSOCIATES  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : ELECTRICAL LEGENDS

MCKEE JOB # : 23-199

DRAWN BY : CBP

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :



SHEET NO. : E0.1

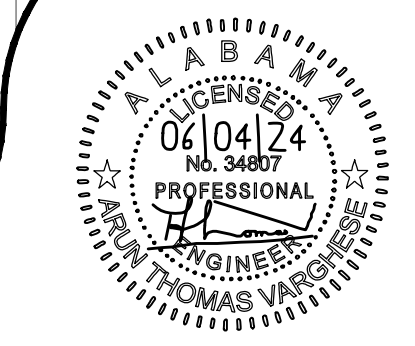




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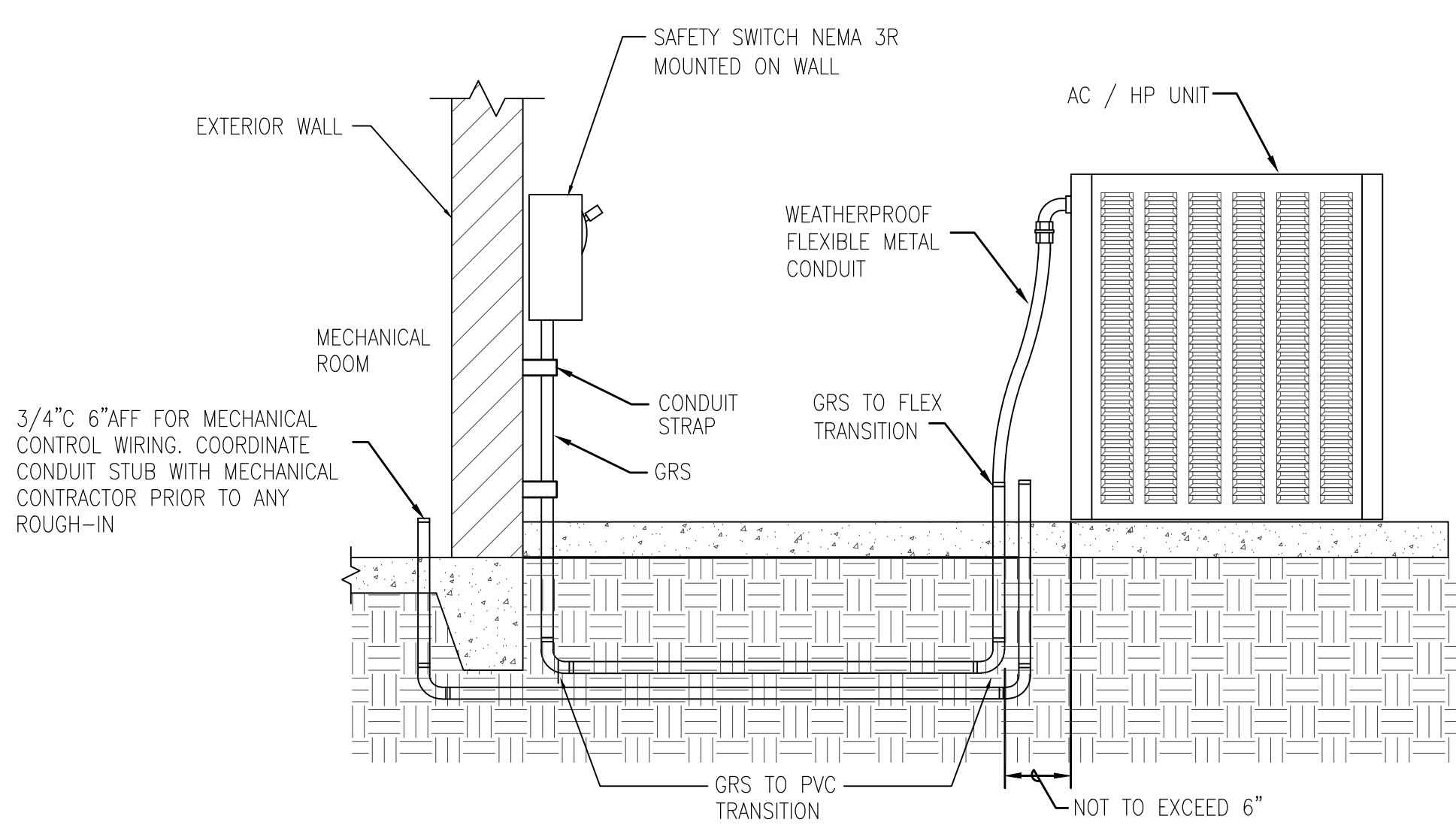
SHEET TITLE : ELECTRICAL DETAILS, LEGENDS  
 MCKEE JOB # : 23-199  
 DRAWN BY : CBP  
 DATE : JUNE 04, 2024  
 REVISED DATE :  
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SHEET NO. : **E0.2**

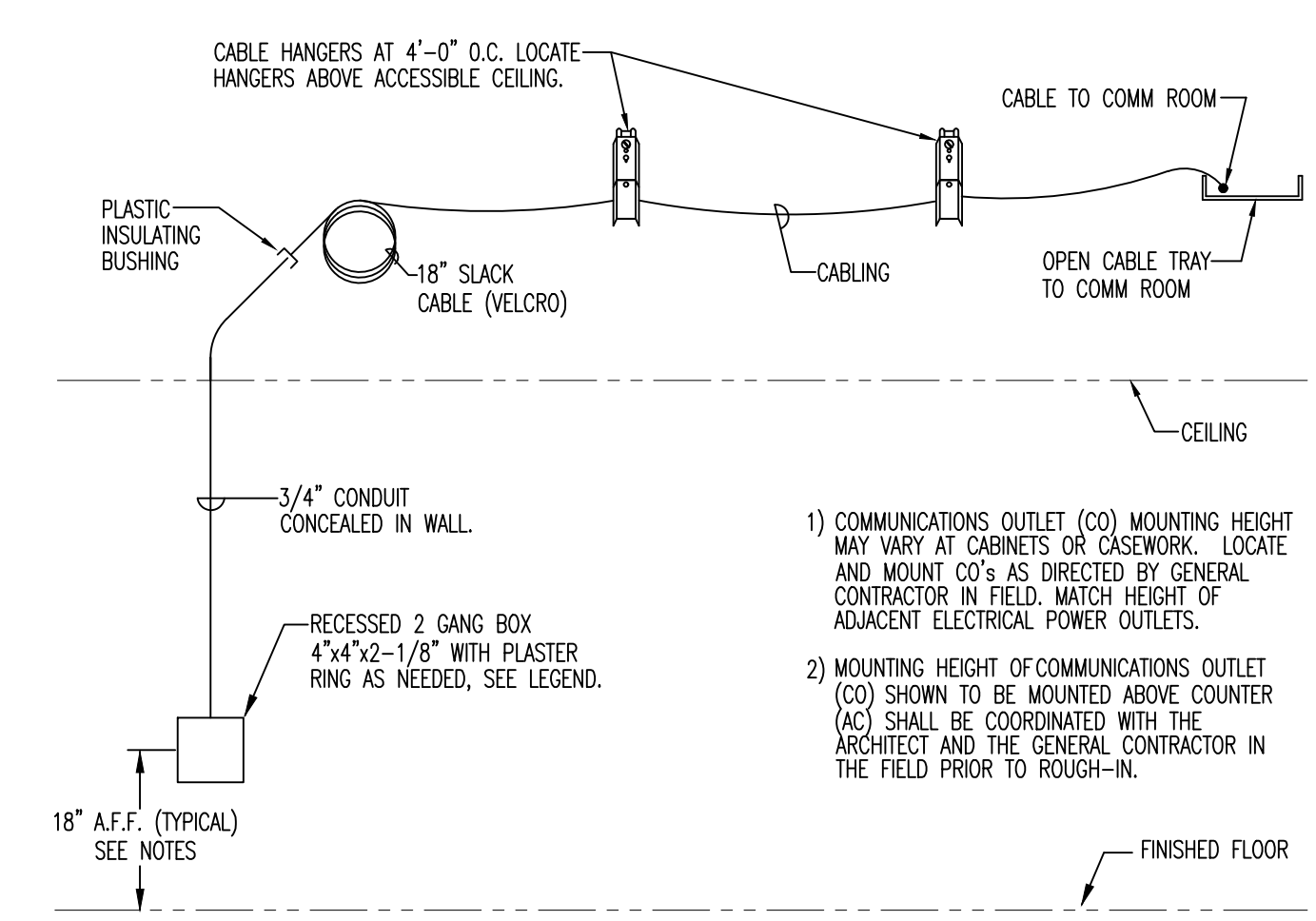
SYSTEMS SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	INTERCOM SYSTEM WALL MOUNTED CALL STATION. MOUNT 48" AFF.
	WEATHER PROOFED, WALL MOUNTED, INTERCOM SYSTEM SPEAKER. MOUNT 9"-0" AFF.
	INTERCOM SYSTEM CEILING MOUNTED SPEAKER.
	WALL ANALOG 120V POWERED CLOCK, COORDINATE EXACT LOCATION WITH ARCHITECT.
	VOICE/DATA OUTLET IN A 4" SQUARE BOX WITH 1 GANG EXTENSION RING. DEVICE MOUNTED 18" AFF UNLESS NOTED OTHERWISE. STUB 3/4"C (UNLESS NOTED OTHERWISE) FROM BACKBOX TO 6" ABOVE ACCESSIBLE CEILING, PROVIDE CONDUIT BUSHINGS. PROVIDE 2-CATSE VOICE/DATA CABLES BACK TO COMMUNICATIONS BACKBOARD. PROVIDE 2-PORT COVER PLATE. COVER PLATE SHALL BE LABELED WITH DATA CLOSET ROOM NUMBER, DATA DROP NUMBER, AND LOCATION OF SERVING DATA CLOSET. ALL CABLES SHALL BE TESTED AND TERMINATED AT OUTLET AND COMMUNICATION BACKBOARD. INSTALLER SHALL HAVE RCDD ON STAFF. "2c" INDICATES DEVICE SHALL BE PROVIDED WITH 2" CONDUIT TO ABOVE ACCESSIBLE CEILING.
	CEILING MOUNTED WIRELESS ACCESS POINT COMMUNICATIONS OUTLET. TYPE "D1", PROVIDE AT LOCATIONS INDICATED.
	INTERCOM SYSTEM WIRING
	INTERCOM SYSTEM HOMERUN
	INTERCOM SYSTEM WALL MOUNTED SPEAKER. MOUNT AT 9"-0" AFF.
	FIRE ALARM SYSTEM DOOR HOLDER; WALL, FLOOR, OR CEILING MOUNTED AS REQUIRED. PROVIDE ANY EXTENSIONS RDDS AS REQUIRED. COORDINATE WITH FIRE ALARM INSTALLER PRIOR TO ROUGH-IN FOR LOCATIONS AND REQUIREMENTS.

**SYSTEMS LEGEND GENERAL NOTES:**

- LOW VOLTAGE CABLES SHALL BE SUPPORTED VIA J-HOOKS ON 4"0" TO 6"0" CENTERS BASED ON BUILDING STRUCTURE. SECURE J-HOOKS (ERICO CADDY CABLECAT OR EQUAL) TO CEILING, SLAB, OR ROOF BAR JOISTS. PROVIDE VELCRO TO ADEQUATELY BUNDLE AND SUPPORT CABLES, NO MORE THAN 24 CABLES PER BUNDLE. THE WRAPS SHALL BE PROVIDED LOOSELY AROUND CABLES AS TO NO DISTORT THE ORIGINAL SHAPE OF ANY INDIVIDUAL CABLE. DO NOT THE WRAP COMMUNICATIONS CABLES TO ANY OTHER CABLEING (I.E. HVAC CONTROL, ELECTRICAL CONDUIT, ETC.). CLIP OFF ALL EXCESS TIE WRAP AFTER INSTALLATION. REFERENCE "TYPICAL COMMUNICATIONS OUTLET ROUGH-IN MOUNTING DETAIL".
- PROVIDE CONDUIT SLEEVES FOR CABLE ACCESS THROUGH FIRE WALLS, PROVIDE UL LISTED FIRE STOPPING.
- ALL CONDUIT RACEWAYS FOR LOW VOLTAGE CABLEING SHALL BE PROVIDED WITH PLASTIC CONDUIT BUSHINGS.
- ALL OUTLETS ARE TO BE FLUSH MOUNTED.
- MOUNTING HEIGHTS ARE FROM THE CENTER LINE OF THE DEVICE.
- ALL SINGLE GANG AND TWO GANG DEVICES SHALL USE A 4" SQ. BOX WITH EXTENSION RING.
- ALL MULTI - GANG DEVICES SHALL USE A COMMON COVER PLATE
- ALL DEVICE COLORS (I.E. SWITCHES, RECEPTACLES, ETC.) SHALL BE SELECTED BY THE ARCHITECT.
- A.F.F. INDICATES MOUNTING HEIGHT ABOVE FINISHED FLOOR.
- LABELED TERMINATIONS ARE TO BE PROVIDED AT ALL CABLE ENDS. ALL CONNECTORS ARE TO BE PROVIDED, INSTALLED AND TESTED BY COMMUNICATIONS CONTRACTOR.



**TYPICAL EXTERIOR AC/HP ELECTRICAL CONNECTION DETAIL**  
NOT TO SCALE



**TYPICAL COMMUNICATIONS OUTLET ROUGH-IN MOUNTING DETAIL**  
SCALE: NOT TO SCALE

BALL FIELD LIGHTING FIXTURE SCHEDULE					
MARK	LUMENS	WATTS	TYPE	MOUNTING	MANUFACTURER AND CATALOG NUMBER
A1	52000	575W	LED	15'6" AFG	ONE (1) MUSCO TLC-BT-575 WIRELESS COMMUNICATION
	104000	880W	LED	60"0" AFG	TWO (2) MUSCO TLC-LED-900 WIRELESS COMMUNICATION
	150000	1170W	LED	60"0" AFG	ONE (1) MUSCO TLC-LED-1200 WIRELESS COMMUNICATION
A2	52000	575W	LED	15'6" AFG	ONE (1) MUSCO TLC-BT-575 WIRELESS COMMUNICATION
	104000	880W	LED	60"0" AFG	TWO (2) MUSCO TLC-LED-900 WIRELESS COMMUNICATION
	150000	1170W	LED	60"0" AFG	ONE (1) MUSCO TLC-LED-1200 WIRELESS COMMUNICATION
B1	52000	575W	LED	15'6" AFG	ONE (1) MUSCO TLC-BT-575 WIRELESS COMMUNICATION
	181000	1410W	LED	40K	FOUR (4) MUSCO TLC-LED-1500 WIRELESS COMMUNICATION
B2	52000	575W	LED	15'6" AFG	ONE (1) MUSCO TLC-BT-575 WIRELESS COMMUNICATION
	67000	540W	LED	50"0" AFG	ONE (1) MUSCO TLC-LED-550 WIRELESS COMMUNICATION
	181000	1410W	LED	70"0" AFG	FOUR (4) MUSCO TLC-LED-1500 WIRELESS COMMUNICATION

PROVIDE POLE WITH PROVISIONS FOR MOUNTING P/A SPEAKERS. SEE POLE DETAILS PROVIDED BY MUSCO AND SITE PLAN SHEET E1.1 FOR REQUIREMENTS. POLE ASSEMBLY DESIGN SHALL BE CERTIFIED BY A LICENSED STRUCTURAL ENGINEER. LIGHTING FIXTURE CONTROL SYSTEM SHALL BE WIRELESS.

POLE: MUSCO 60" STEEL POLE WITH CONCRETE BASE PROVIDE WITH CROSS ARMS AND CAGE AS REQUIRED. COORDINATE WITH LIGHTING SUPPLIER. COORDINATE WITH SUPPLIER FOR HANDHOLES AND POWER DISTRIBUTION BOX REQUIREMENTS. PROVIDE LIGHTNING PROTECTION SYSTEM. EPA CALCULATIONS SHALL BE INCLUDED WITH THE SHOP DRAWINGS.

PROVIDE POLE WITH PROVISIONS FOR MOUNTING P/A SPEAKERS. SEE POLE DETAILS PROVIDED BY MUSCO AND SITE PLAN SHEET E1.1 FOR REQUIREMENTS. POLE ASSEMBLY DESIGN SHALL BE CERTIFIED BY A LICENSED STRUCTURAL ENGINEER. LIGHTING FIXTURE CONTROL SYSTEM SHALL BE WIRELESS.

POLE: MUSCO 70" STEEL POLE WITH CONCRETE BASE PROVIDE WITH CROSS ARMS AND CAGE AS REQUIRED. COORDINATE WITH LIGHTING SUPPLIER. COORDINATE WITH SUPPLIER FOR HANDHOLES AND POWER DISTRIBUTION BOX REQUIREMENTS. PROVIDE LIGHTNING PROTECTION SYSTEM. EPA CALCULATIONS SHALL BE INCLUDED WITH THE SHOP DRAWINGS.

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**SOUND SYSTEM SPECIFICATIONS:**

SPECIFICATION IS FOR DESIGN INTENT AND PRICING ONLY. CONTRACTOR SHALL PROVIDE AND INSTALL SOUND SYSTEM IN ACCORDANCE WITH THE SOUND SYSTEM SHOP DRAWINGS, TO BE PROVIDED BY THE SOUND SYSTEM CONTRACTOR.

THE MAIN LOUDSPEAKERS ON THIS INSTALLATION SHALL BE MOUNTED ON LIGHT POLES BEHIND SEATING - TWO LOUDSPEAKERS PER POLE WILL AIM AT SEATING. TWO LOUDSPEAKERS WILL BE MOUNTED TO THE PRESS BOX TO PROVIDE COVERAGE FOR SEATING DIRECTLY IN FRONT OF PRESS BOX. THERE WILL ALSO BE A SUBWOOFER CABINET MOUNTED ON EACH LIGHT POLE TO PROVIDE LOW FREQUENCY EXTENSION FOR THE STADIUM.

ALL OF THE POWER AMPLIFIERS SHALL BE MOUNTED IN AN EQUIPMENT CABINET. THE POWER AMPLIFIERS AND ALL LINE LEVEL DEVICES SHALL BE POWERED OFF/ON, VIA A POWER SEQUENCER.

WORK INCLUDED

- PROVIDE LABOR TO INSTALL COMPLETE AND WORKING SYSTEM. PROVIDE PROPER TOOLS, LADDERS, SCAFFOLDS, LIFTS, AND OTHER EQUIPMENT NECESSARY TO PERFORM INSTALLATION (INCLUDING SOUND SYSTEM COMPONENTS INSTALLED IN EQUIPMENT RACKS).
- CABLE INSTALLATION AND TERMINATION
- TRANSPORTATION SERVICES
- TESTING AND ADJUSTMENT - PROVIDE PROPER TEST EQUIPMENT.
- SUBMITTALS - INCLUDES PROJECT SCHEDULE, SHOP DRAWINGS, PRODUCT DATA, OPERATION AND MAINTENANCE MANUALS, PROJECT RECORD DRAWINGS, WARRANTIES, ETC.

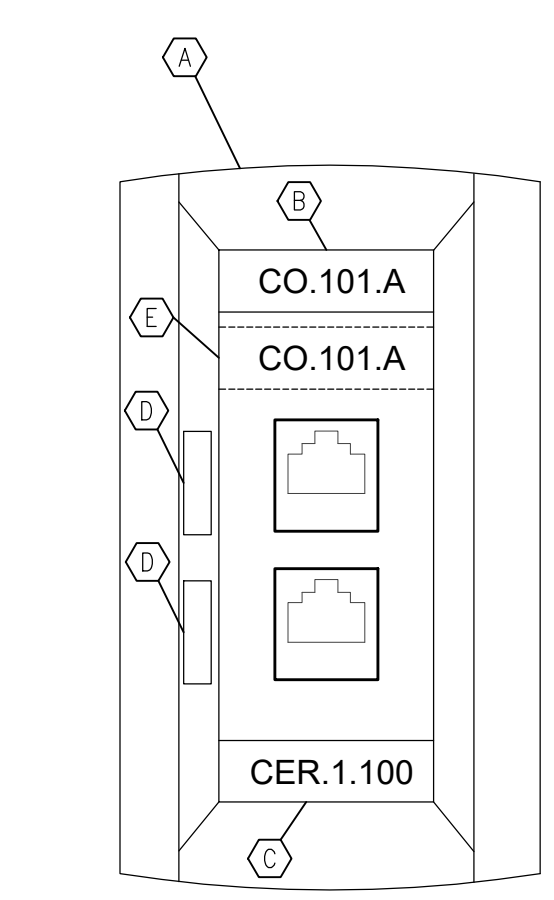
SYSTEM COMMISSIONING

- FINAL SYSTEM COMMISSIONING MUST BE COMPLETED BY A CERTIFIED CONTRACTOR.
- TESTING EQUIPMENT MUST BE APPROVED BY LOUDSPEAKER MANUFACTURER.

SOUND PRODUCTS

- LOUDSPEAKERS
  - PROVIDE AND INSTALL (2) TWO DANLEY OS80 LOUDSPEAKERS (OR EQUAL) ON EACH LIGHT POLE BEHIND SEATING.

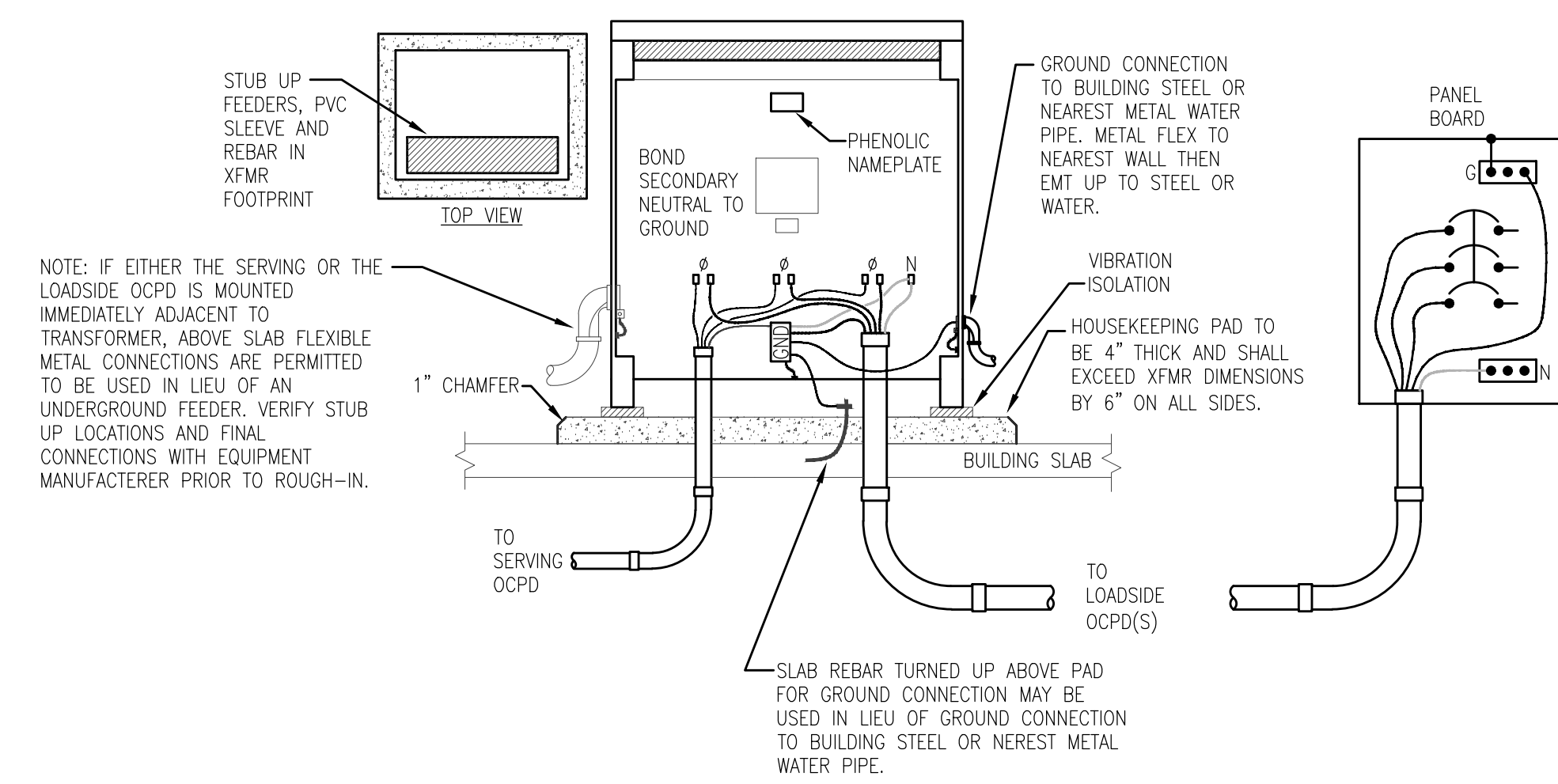
- PROVIDE AND INSTALL (1) ONE DANLEY THMIN15 (OR EQUAL) ON EACH LIGHT POLE BEHIND SEATING
- PROVIDE AND INSTALL (2) TWO DANLEY OS80 LOUDSPEAKERS (OR EQUAL) ON TOP OF PRESSBOX. PROVIDE MOUNTING HARDWARE AS REQUIRED.
- LOUDSPEAKER MOUNTING HARDWARE
  - PROVIDE AND INSTALL (1) ONE DANLEY SOUND LABS PMK-2-HD (OR EQUAL) ON BOTH LIGHT POLES FOR MOUNTING TWO OS80 LOUDSPEAKERS TO COVER THE SEATING AND ONE THMIN15 SUB.
- EQUIPMENT CABINET, POWER SEQUENCING, MISC RACK ITEMS.
  - PROVIDE AND INSTALL, ONE, (1) MIDDLE ATLANTIC ERK-2125 (OR EQUAL) - 21 SPACE (36 3/4"), 25" DEEP STAND ALONE RACK WITH REAR DOOR, BLACK FINISH.
  - PROVIDE AND INSTALL ONE MIDDLE ATLANTIC PDS-615R- (OR EQUAL) 6 OUTLET, SEQUENCED 15 AMP CIRCUIT, RACKMOUNT POWER DISTRIBUTION W/9" CORD, BLACK POWDER COAT FINISH.
- AMPLIFIERS
  - PROVIDE AND INSTALL (4) FOUR, DYNACORD L360FD (OR EQUAL) - DSP POWER AMPLIFIER 2X1800W. WITH FIR DRIVE, XLR/NL4 CONNECTORS.
  - PROVIDE AND INSTALL (1) ONE DYNACORD L1300FD (OR EQUAL) - DSP POWER AMPLIFIER 2X650W. WITH FIR DRIVE, XLR/NL4 CONNECTORS.
- MIXER AND MICROPHONES
  - PROVIDE ONE ALESIS ALE-MM10W (OR EQUAL) - MULTIMIX 10 WIRELESS 10-CHANNEL RACKMOUNT AUDIO MIXER WITH BLUETOOTH WIRELESS
  - PROVIDE (1) ONE SHURE SMSB3 (OR EQUAL) MICROPHONE W/ OFF/ON SWITCH AND DESK STAND.
  - PROVIDE (1) RAPCO LTIBLOX (OR EQUAL) LAPTOP INTERFACE



**TYPE "D2" COMMUNICATIONS OUTLET (CO)**  
NOT TO SCALE

**TELECOMMUNICATION SYSTEM GENERAL NOTES**

- LOW VOLTAGE CABLES SHALL BE SUPPORTED VIA J-HOOKS ON 4"0" TO 6"0" CENTERS BASED ON BUILDING STRUCTURE. SECURE J-HOOKS (ERICO CADDY CABLECAT OR EQUAL) TO CEILING, SLAB, OR ROOF BAR JOISTS. PROVIDE VELCRO TO ADEQUATELY BUNDLE AND SUPPORT CABLES, NO MORE THAN 24 CABLES PER BUNDLE. THE WRAPS SHALL BE PROVIDED LOOSELY AROUND CABLES AS TO NO DISTORT THE ORIGINAL SHAPE OF ANY INDIVIDUAL CABLE. DO NOT THE WRAP COMMUNICATIONS CABLEING TO ANY OTHER CABLEING (I.E. HVAC CONTROL, ELECTRICAL CONDUIT, ETC.). CLIP OFF ALL EXCESS TIE WRAP AFTER INSTALLATION. REFERENCE "TYPICAL COMMUNICATIONS OUTLET ROUGH-IN MOUNTING DETAIL".
- PROVIDE CONDUIT SLEEVES FOR CABLE ACCESS THROUGH FIRE WALLS, PROVIDE UL LISTED FIRE STOPPING.
- ALL CONDUIT RACEWAYS FOR LOW VOLTAGE CABLEING SHALL BE PROVIDED WITH PLASTIC CONDUIT BUSHINGS.
- ALL DEVICE COVER PLATES SHALL BE STAINLESS STEEL. COORDINATE WITH OWNER FOR KEYSTONE COLOR REQUIREMENTS.
- LABELED TERMINATIONS ARE TO BE PROVIDED AT ALL CABLE ENDS. ALL CONNECTORS ARE TO BE PROVIDED, INSTALLED AND TESTED BY COMMUNICATIONS CONTRACTOR.



**FLOOR MOUNTED TRANSFORMER DETAIL**  
NOT TO SCALE

**TYPE "TV" CO KEY NOTES:**

- TWO PORT NON-ANGLED FACEPLATE, COLOR WHITE. MOLEX WSY-00006-02. PROVIDE WITH TWO TIA CATEGORY 6 8-PIN MODULAR ANGLED JACKS WITH INTEGRAL SPRING SHUTTER DOORS, MOLEX KSJ-00018-02.
- LASER PRINTED LABEL INDICATING OUTLET IDENTIFIER - SEE "CO IDENTIFICATION NOMENCLATURE". TEXT SHALL BE MINIMUM 12 POINT ARIAL NARROW FONT.
- LASER PRINTED LABEL INDICATING SERVING CER/CC. TEXT SHALL BE MINIMUM 12 POINT ARIAL NARROW FONT.
- SNAP-IN BLANK TAB, COLOR WHITE, WITH FACTORY SILKSCREEN NUMBER (1-N) CORRESPONDING TO HORIZONTAL PATCH PANEL CONSECUTIVE PORT NUMBER (1-N) IN SERVING CER/CC.
- ADHESIVE LABEL (BROTHER P-TOUCH), MOUNT TO INSIDE OF FACEPLATE.

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PENSACOLA, FLORIDA 32502  
PHONE: (904)434-2681

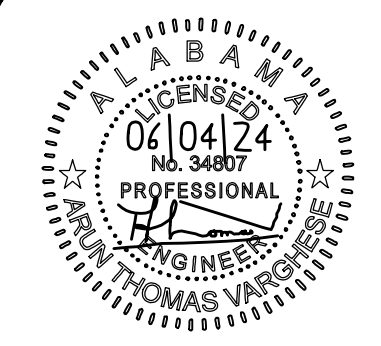
253 ST. ANTHONY STREET  
MOBILE, ALABAMA 36603  
PHONE: (251)930-7446





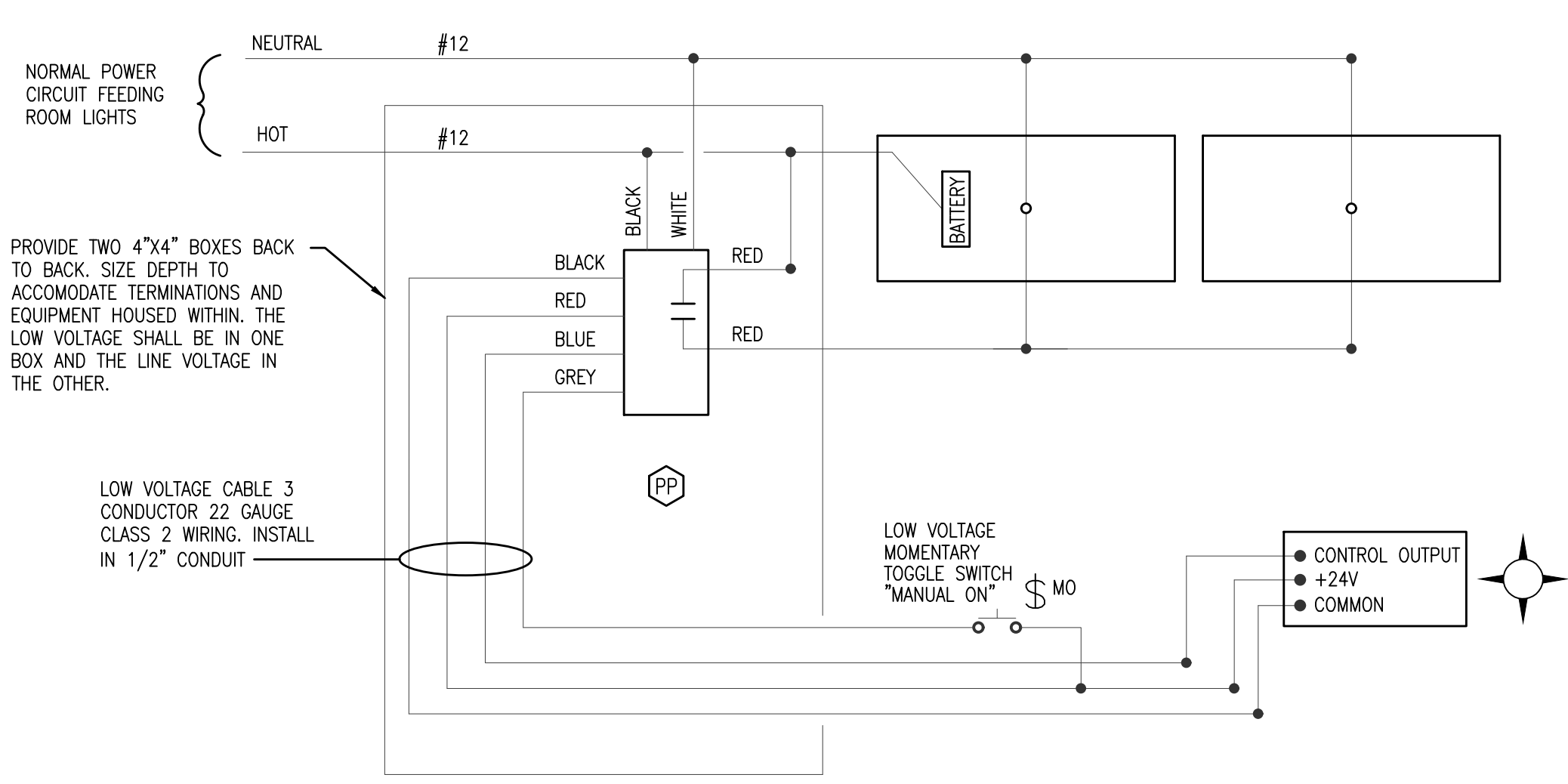
NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.

**McKee and Associates**  
ARCHITECTS, INC.  
631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933

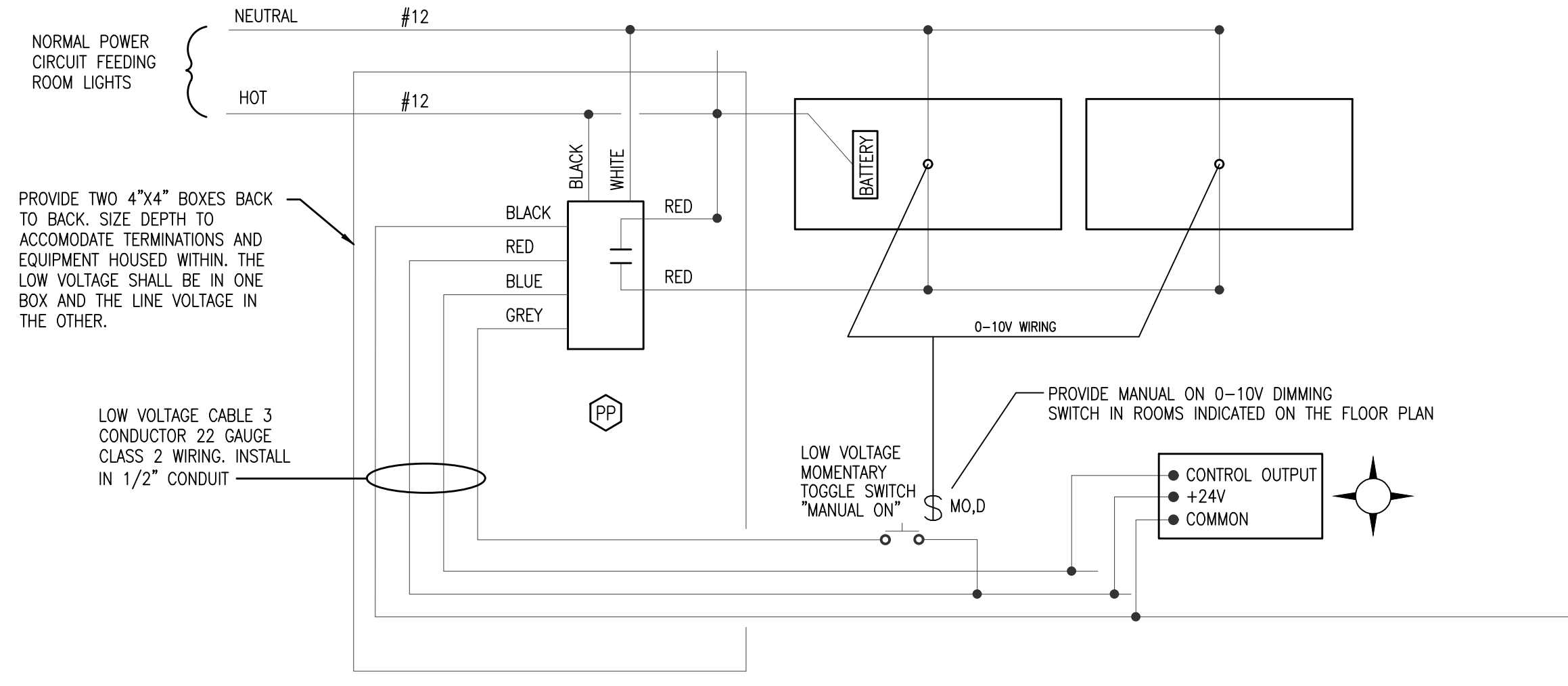


SHEET TITLE : ELECTRICAL DETAILS  
MCKEE JOB # : 23-199  
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DATE : JUNE 04, 2024  
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REVISED DATE :

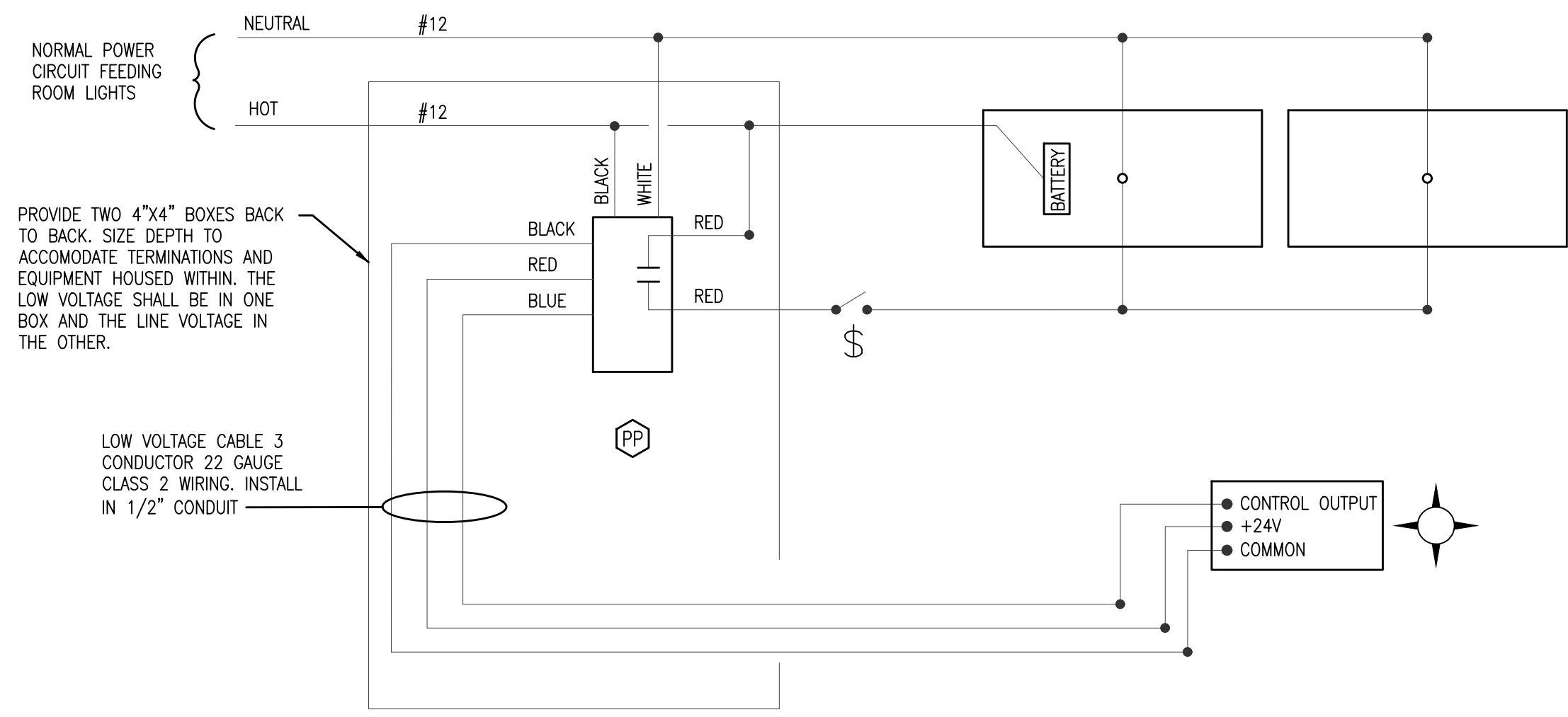
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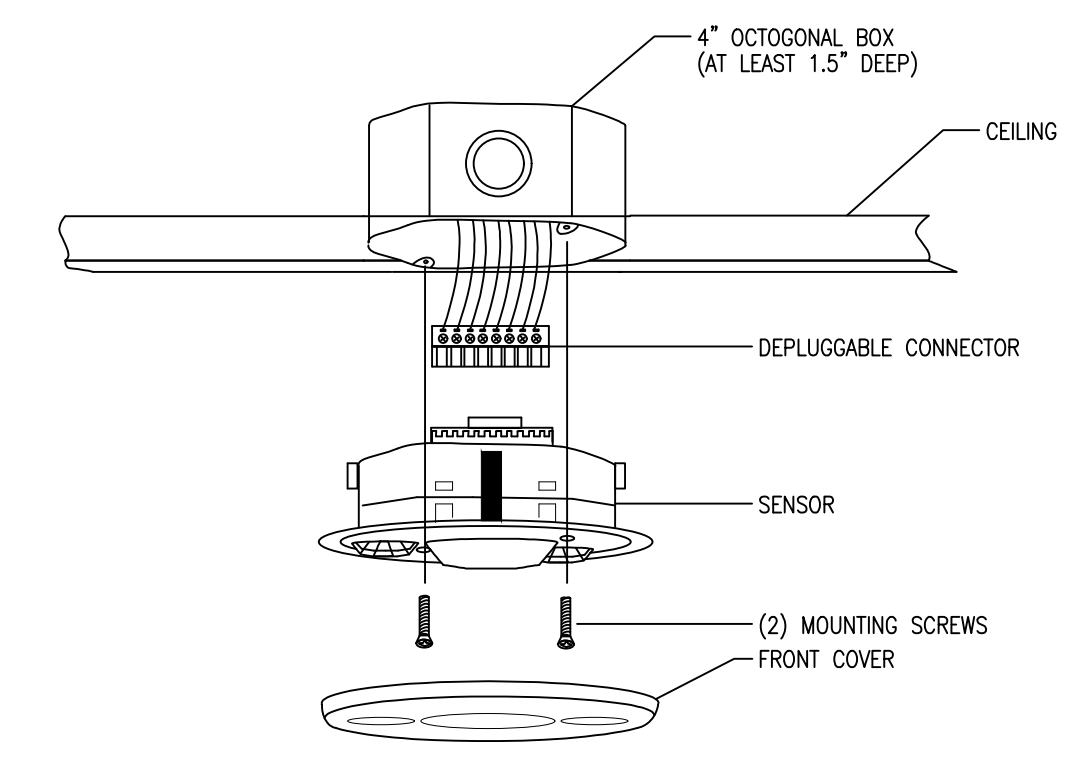
**TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM - MANUAL ON**  
NOT TO SCALE



**TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM - MANUAL ON WITH DIMMING**  
NOT TO SCALE



**TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM - AUTOMATIC ON**  
NOT TO SCALE

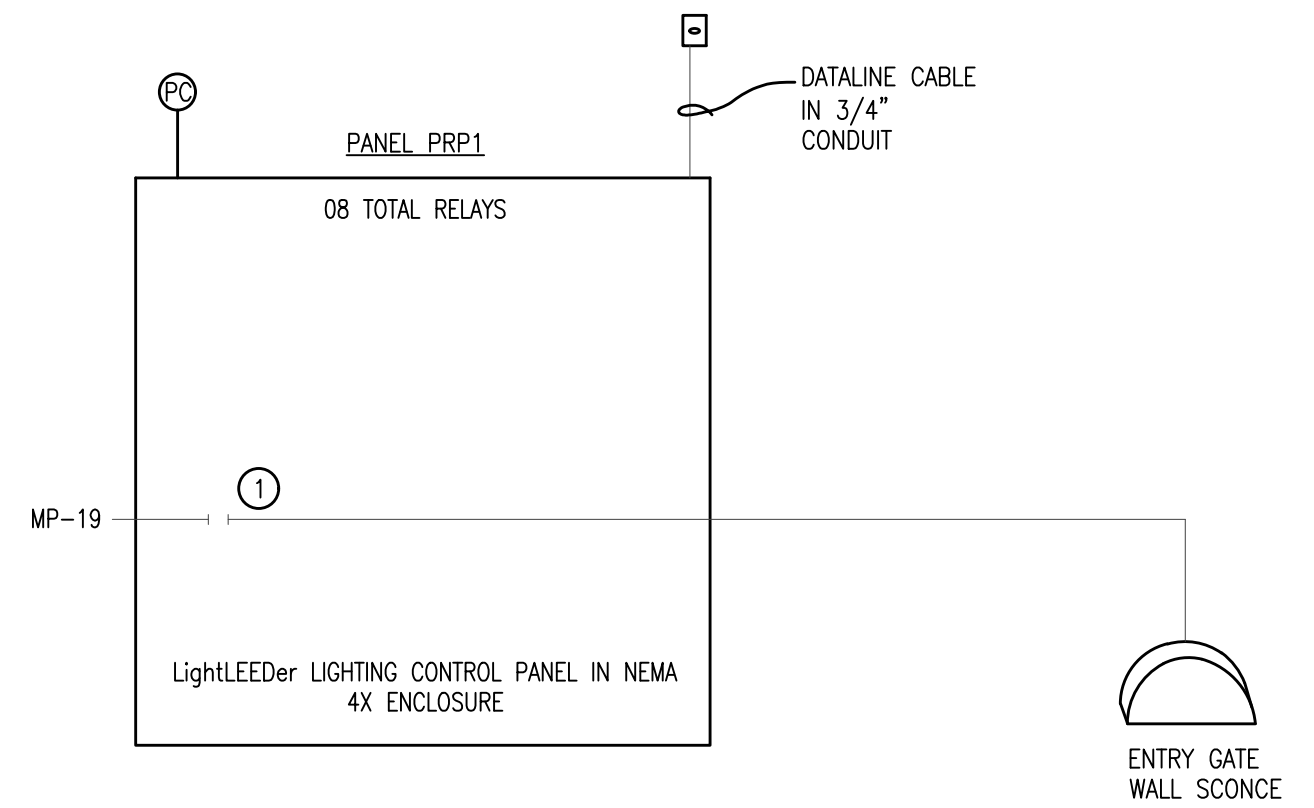


**DUAL TECHNOLOGY MOUNTING  
DETAIL - CEILING MOUNT**  
NOT TO SCALE

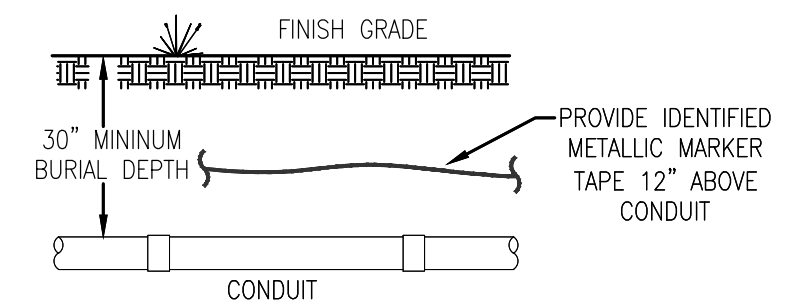
**LIGHTING RELAY PANEL CONNECTION  
DIAGRAM KEYNOTES:**

① RELAY PROGRAMMED FOR ON VIA PHOTOCELL AND OFF FROM 12:00AM TO 6:00AM.

**LOW VOLTAGE SWITCH DESCRIPTIONS**  
ONE MOMENTARY SWITCH CONTROLS TURNS ALL RELAYS ON & OFF. INSTALL SWITCH ADJACENT TO RELAY PANEL. PROVIDE WEATHERPROOF COVER.



**LIGHTING RELAY PANEL CONNECTION DIAGRAM**  
SCALE: NONE



**BURIED CONDUIT DETAIL**  
NOT TO SCALE

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**SHEET NOTES: ELECTRICAL SITE PLAN**

- ① OUTLINE OF NEW POWER AND TELECOM UTILITY AREA. SEE KEYNOTES AND RISER DIAGRAM FOR MORE INFORMATION.
- ② LOCATION OF NEW PANEL "MP".
- ③ LOCATION OF NEW PANEL "CS".
- ④ LOCATION OF NEW PANEL "PB".
- ⑤ LOCATION FOR NEW PAD MOUNT TRANSFORMER BY BALDWIN EMC. COORDINATE LOCATION WITH UTILITY. SEE SINGLE LINE DIAGRAM FOR NEW SERVICE EQUIPMENT REQUIREMENTS. COORDINATE NEW UTILITY REQUIREMENTS WITH ALABAMA POWER. **ALL UTILITY FEES SHALL BE INCLUDED IN THE BID PRICE.**
- ⑥ LOCATION FOR NEW TELECOM SERVICE CABINET. NEW SERVICE AND CABINET BY LOCAL UTILITY. COORDINATE WITH LOCAL UTILITY FOR SERVICE REQUIREMENTS. **ALL UTILITY FEES SHALL BE INCLUDED IN BID PRICE.**
- ⑦ LOCATION FOR NEW BALL FIELD LIGHTING CONTROLS HEAD-END CABINET. SEE KEYNOTE #5 ON RISER DIAGRAM FOR ADDITIONAL INFO. SEE PANEL SCHEDULE "MP" FOR POWER CIRCUIT LOCATION.
- ⑧ ALL SERVICE EQUIPMENT SHALL BE INSTALLED ADJACENT TO THE UTILITY TRANSFORMER. SEE KEYNOTE #5 THIS SHEET. SEE RISER DIAGRAM FOR EQUIPMENT REQUIREMENTS.
- ⑨ CONTRACTOR TO PROVIDE AND INSTALL TWO (2) 5" CONDUITS FOR PRIMARY WIRING. PRIMARY WIRING BY POWER COMPANY. CONTRACTOR TO BORE UNDER ROADWAY AS REQUIRED, COORDINATE W/ CIVIL. COORDINATE STUB LOCATION WITH POWER CO.
- ⑩ PROVIDE ONE 1.5" WITH PULL STRING ROUTED UNDERGROUND FROM POLE TO TBB LOCATED IN PRESSBOX ROOM, FOR FUTURE WIRING. STUB CONDUIT 6" ABOVE BOTTOM OF BACKBOARD. COORDINATE CONDUIT STUB AT POLE WITH POLE MANUFACTURER.
- ⑪ PROVIDE TWO (2) 2.5" CONDUITS WITH PULL STRING FOR NEW TELECOM SERVICE WIRING. WIRING BY SERVICE UTILITY. INSTALL CONDUITS UNDERGROUND FROM NEW BACKBOARD TO NEW UTILITY CABINET. ROUTING SHOWN IS DIAGRAMMATIC ONLY. FIELD COORDINATE UNDERGROUND ROUTING WITH SITE CONDITIONS. STUB CONDUITS UP 6" BELOW BOTTOM OF BACKBOARD. PROVIDE INSULATED CONDUIT BUSHINGS. **ALL UTILITY FEES SHALL BE INCLUDED IN BID PRICE.**
- ⑫ NEW UNDERGROUND PANELBOARD FEEDER. SEE RISER DIAGRAM. ROUTING SHOWN IS DIAGRAMMATIC ONLY. FIELD COORDINATE UNDERGROUND ROUTING WITH SITE CONDITIONS.
- ⑬ NEW GFCI RECEPTACLE WITH EXTRA DUTY WEATHER-PROOF COVER PLATE. PROVIDE 2#8, #86, 1.25" C FOR FEEDERS RUN UNDERGROUND BACK TO SERVING PANEL "P1".
- ⑭ LOCATION OF NEW PANEL "FH".
- ⑮ ROUTE HOMERUN THROUGH CONTACTOR SYSTEM. KEYNOTES ON SINGLE LINE. ALL WIRING SHALL BE #10AWG.
- ⑯ NEW LIGHTING POLE WITH NEW FIXTURES AND WIRELESS CONTROLS AS INDICATED. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. LOCATION OF POLES AND LIGHTING FIXTURES SHALL BE COORDINATED WITH THE LIGHTING VENDOR PRIOR TO INSTALLATION. COMMISSIONING SHALL BE PERFORMED BY A CERTIFIED COMMISSIONING AGENT. **ALL COMMISSIONING FEES SHALL BE INCLUDED IN THE BID PRICE.** HOMERUN SHALL BE ROUTED THROUGH MUSCO CONTROL-LINK CABINET. COORDINATE WITH MUSCO FOR CONNECTION REQUIREMENTS.
- ⑰ NEW LB FOR USE WITH VISITORS' DUGOUT LIGHTING CIRCUIT. CONDUIT SHALL BE ROUTED UNDERGROUND FROM THE SERVING PANEL TO THE DUGOUT, WHERE IT SHALL THEN BE ROUTED UP TO THE CEILING AND TO THE DUGOUT FIXTURES.
- ⑱ NEW SWITCH FOR USE WITH DUGOUT LIGHTS, PROVIDE WEATHERPROOF COVER PLATE.
- ⑲ NEW 60/1 NEMA 3R DISCONNECT FOR USE WITH VIDEO BOARD LIGHTING.
- ⑳ LOCATION OF NEW PANEL "P1".
- ㉑ LOCATION OF NEW PANEL "P2".

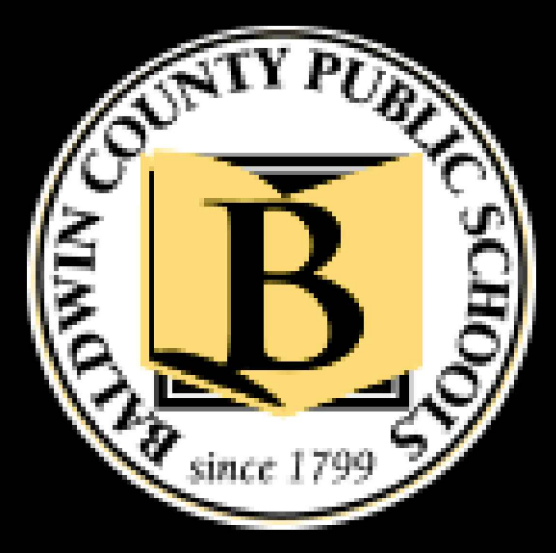
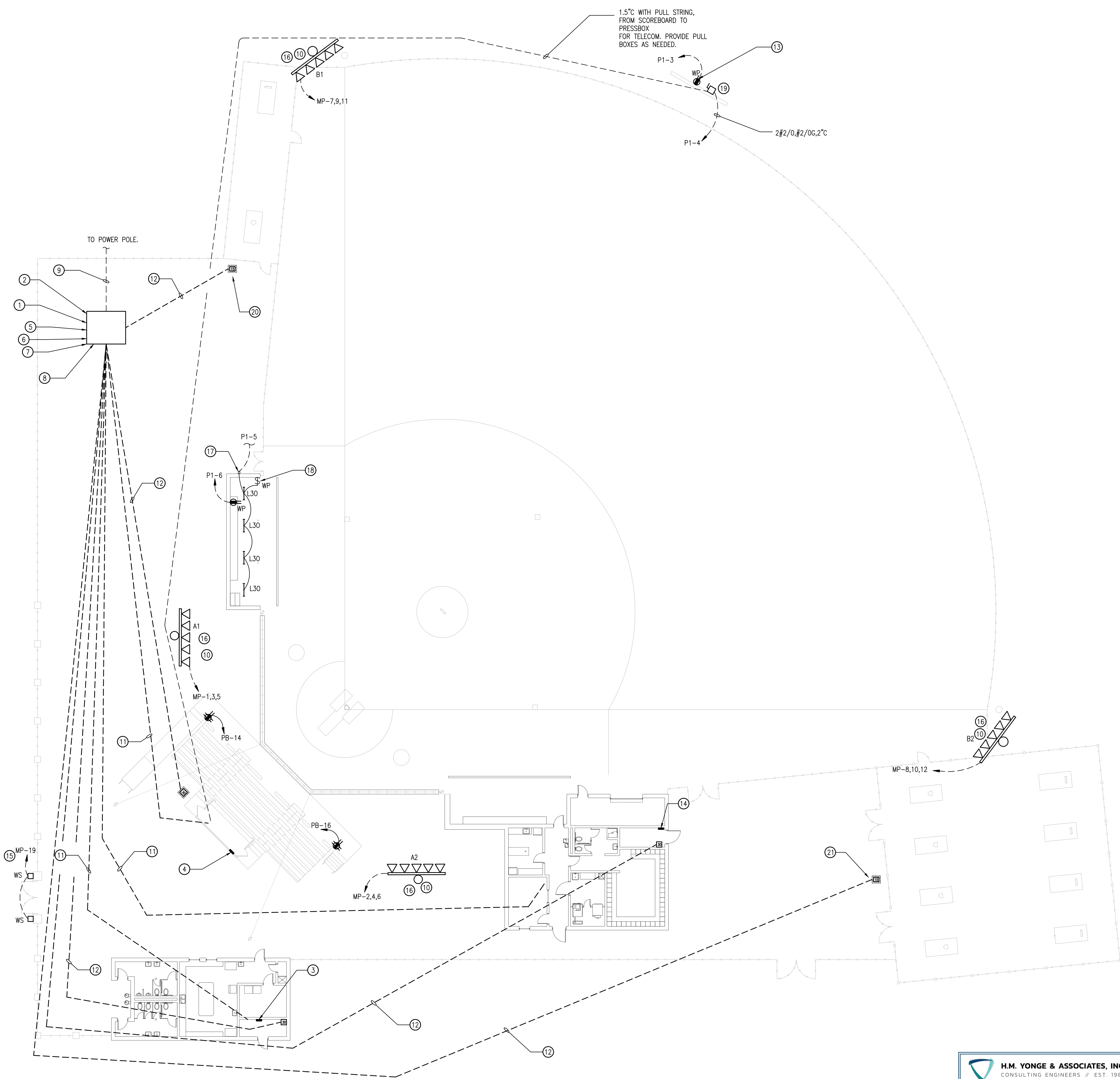
PROVIDE SCOREBOARD TELECOM WIRING AS REQUIRED BY SCOREBOARD MANUFACTURER. COORDINATE WITH MANUFACTURER FOR CONNECTION REQUIREMENTS. COORDINATE TERMINATION LOCATION WITH OWNER PRIOR TO ANY CONDUIT ROUGH-IN.

ALL CONDUITS FOR ALL SYSTEMS SHALL BE ROUTED AROUND THE FIELD. CONTRACTOR SHALL NOT INSTALL CONDUITS UNDER THE FIELD.

AS A BID OPTION THE CONTRACTOR SHALL SUBMIT A WIRELESS SCOREBOARD SYSTEM FOR OWNER REVIEW.

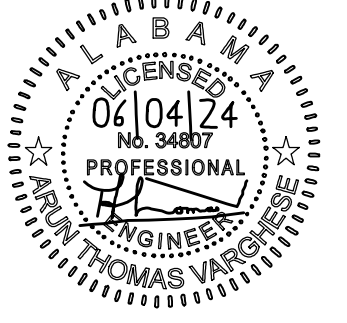
P/A SYSTEM WIRING PROVIDED AND INSTALLED BY P/A CONTRACTOR. COORDINATE ALL TERMINATION LOCATIONS WITH P/A CONTRACTOR PRIOR TO ANY CONDUIT ROUGH-IN.

ALL POLE SITE LIGHTING HOMERUNS SHALL BE 3#10, #10G, 1.00" C.



**NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY B.O.E.**

**MCKEE and ASSOCIATES**  
ARCHITECTS, INC.  
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SHEET TITLE : ELECTRICAL SITE PLAN - SOFTBALL FIELD  
MCKEE JOB # : 23-199  
DRAWN BY : CBP  
DATE : JUNE 04, 2024  
REVISED DATE :  
REVISED DATE :  
REVISED DATE :

**ELECTRICAL SITE PLAN - SOFTBALL FIELD**  
SCALE: 1/16"=1'-0"

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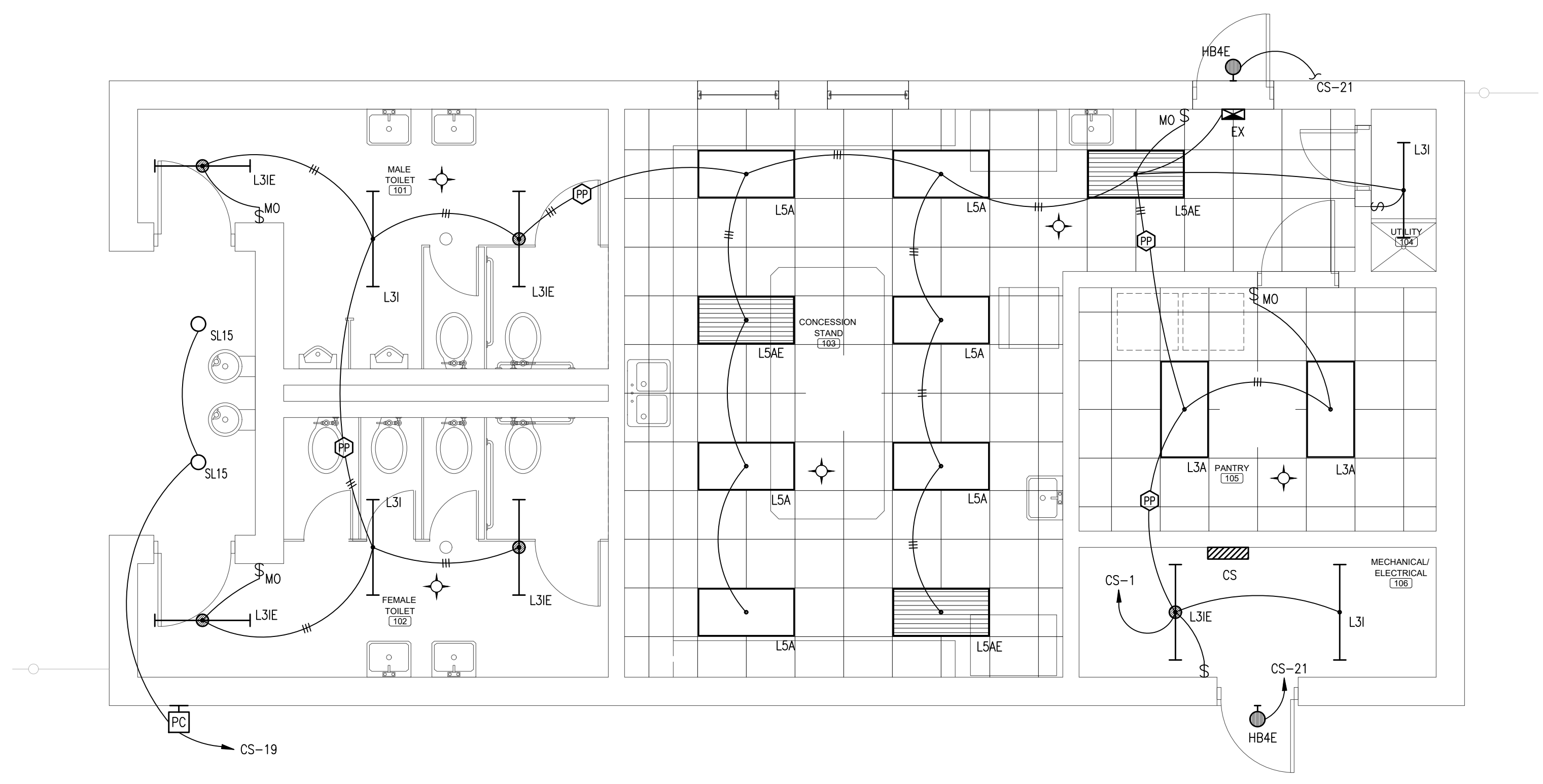
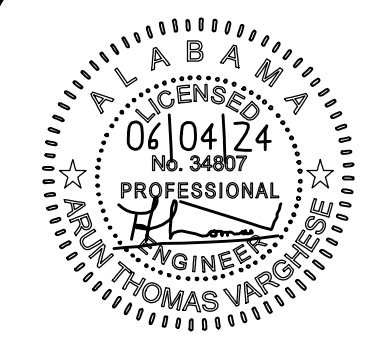
SHEET NO. : **E1.1**





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AT  
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FOR THE  
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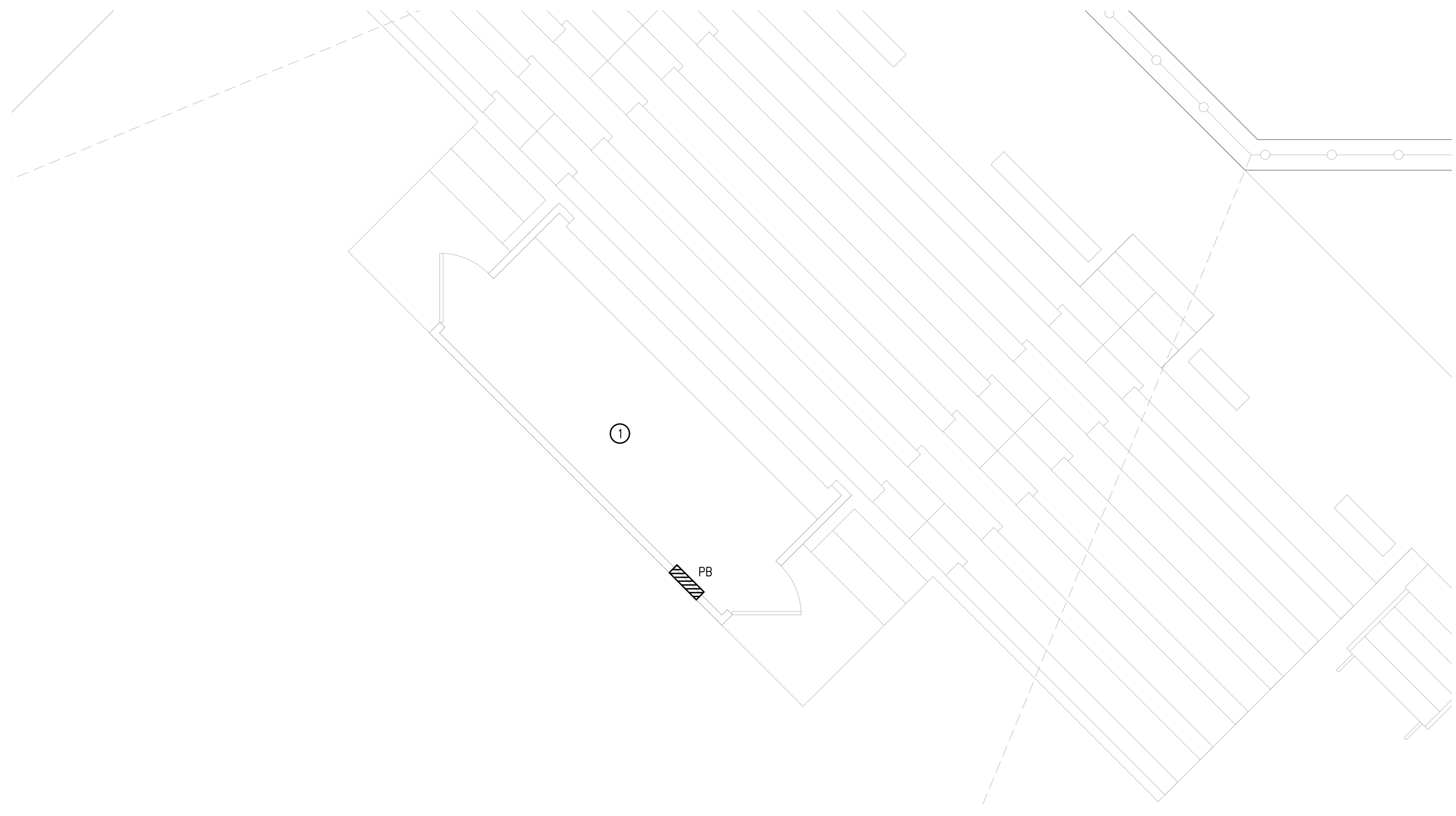
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**LIGHTING PLAN - CONCESSION / TOILET BUILDING**  
SCALE: 1/4"=1'-0"

**LIGHTING PLAN KEYNOTES:**

① ALL LIGHTING AND CONTROL SYSTEMS ALONG WITH ALL CONDUIT AND WIRING ARE PROVIDED AND INSTALLED BY THE BLEACHER MANUFACTURER. MANUFACTURER TO PROVIDE EXTERIOR AND INTERIOR EGRESS LIGHTING PER IBC IFC AND NFPA 101. PANELBOARD PROVIDED AND INSTALLED BY CONTRACTOR.



**LIGHTING PLAN - BLEACHER PRESS BOX**  
SCALE: 1/4"=1'-0"

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SHEET TITLE : LIGHTING PLAN - CONCESSION / TOILET BUILDING  
MCKEE JOB # : 23-199  
DRAWN BY : CBP  
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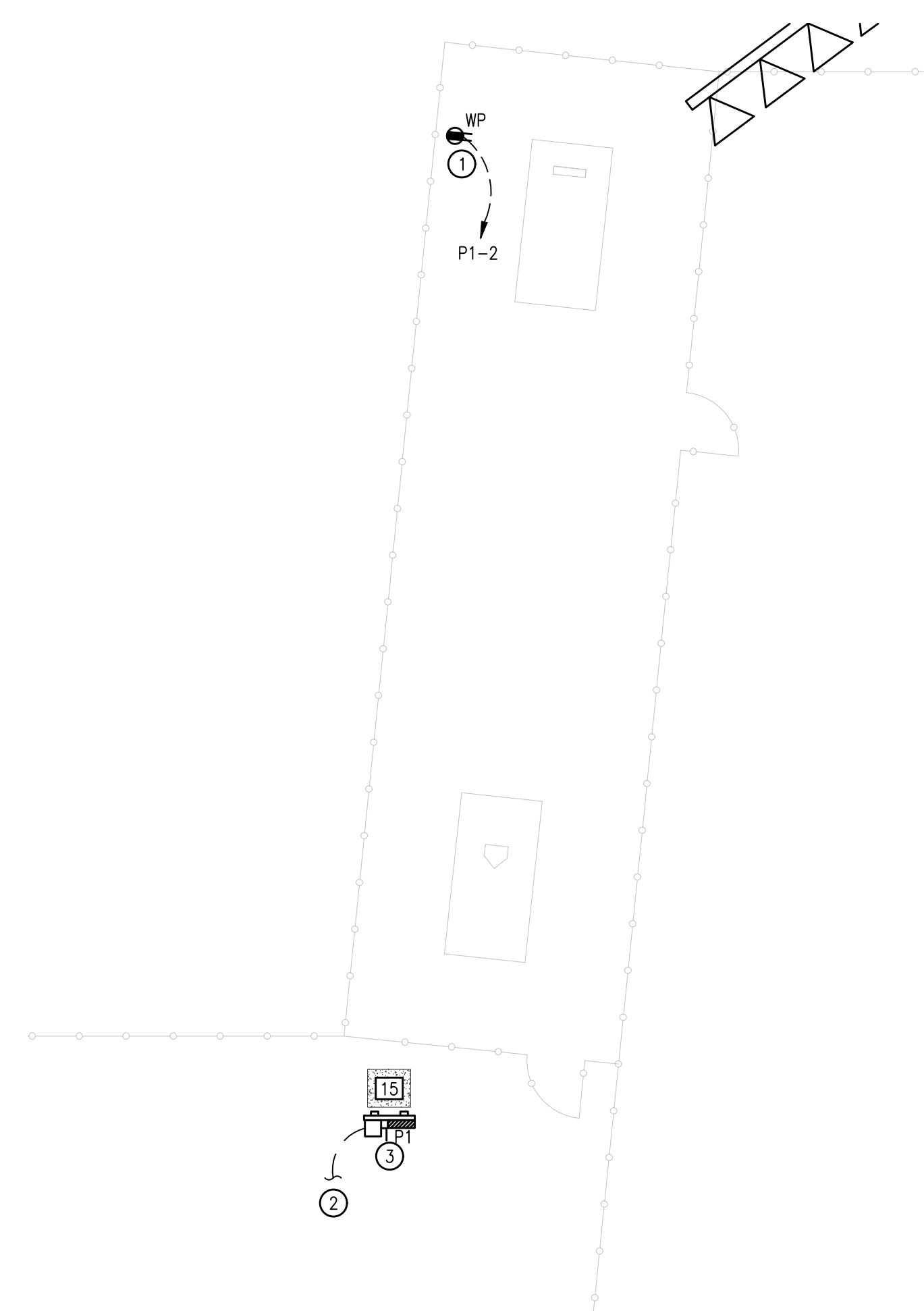




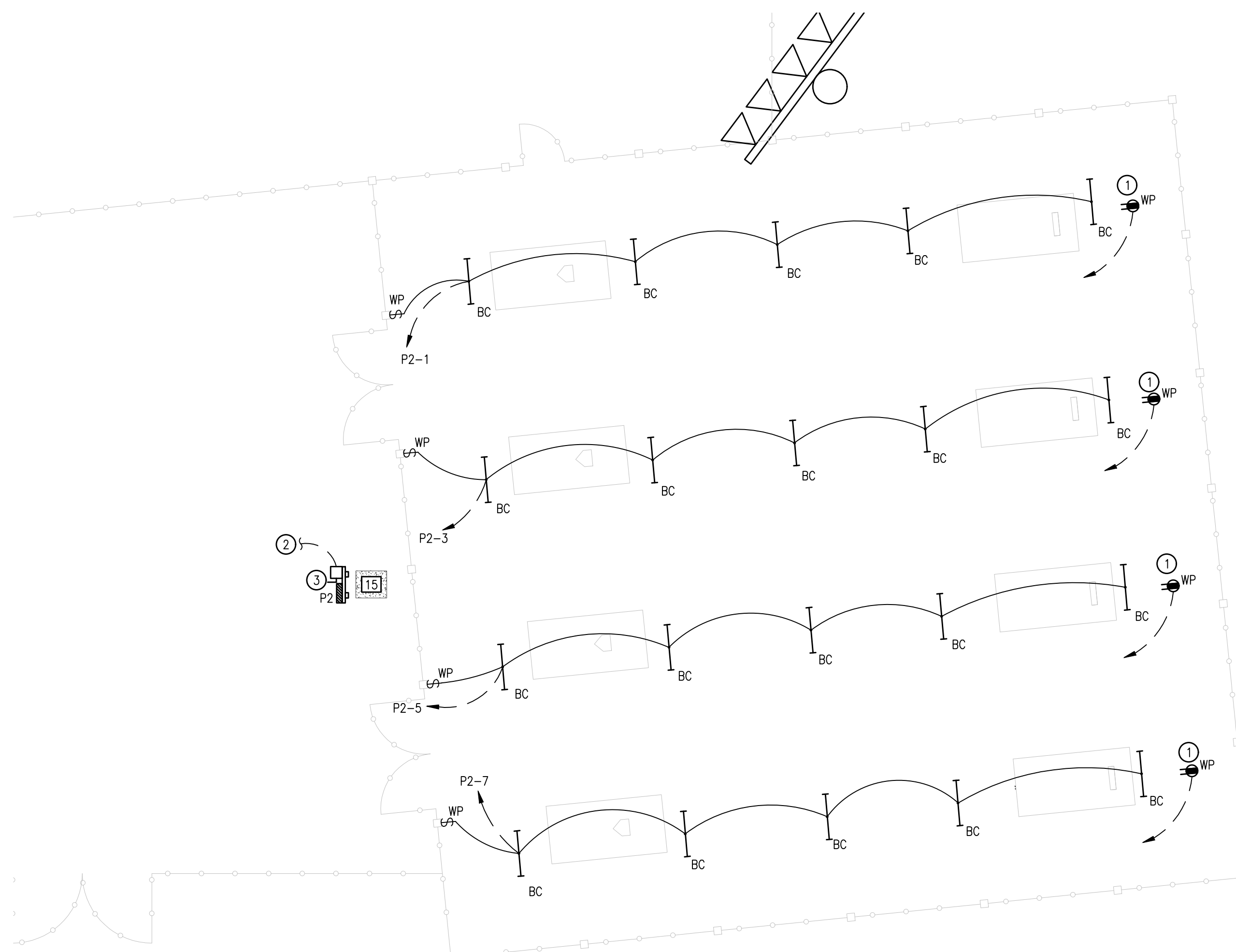
NEW SOFTBALL COMPLEX  
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**ELECTRICAL PLAN - VISITOR'S BULL PEN**  
SCALE: 1/8"=1'-0"



**ELECTRICAL PLAN - HOME BULL PEN**  
SCALE: 1/8"=1'-0"

**LIGHTING PLAN KEYNOTES:**

- ① NEW GFCI RECEPTACLE TO BE MOUNTED TO A PEDESTAL.
- ② ROUTE CONDUIT UNDERGROUND BACK TO UTILITY AREA. SEE RISER DIAGRAM.
- ③ GALVANIZED UNISTRUT FRAME FOR USE WITH NEW 60A PANEL AND NEW 30/3 NEMA 3R DISCONNECT. DISCONNECT SHALL BE USED FOR THE PRIMARY SIDE OF THE NEW 15 KVA TRANSFORMER SERVING IT'S RELATIVE PANEL.

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PHONE: (850)434-2661

253 ST. ANTHONY STREET  
MOBILE, ALABAMA 36603  
PHONE: (251)690-7446

SHEET TITLE : ELECTRICAL PLAN - BULL PENS

MCKEE JOB # : 23-199

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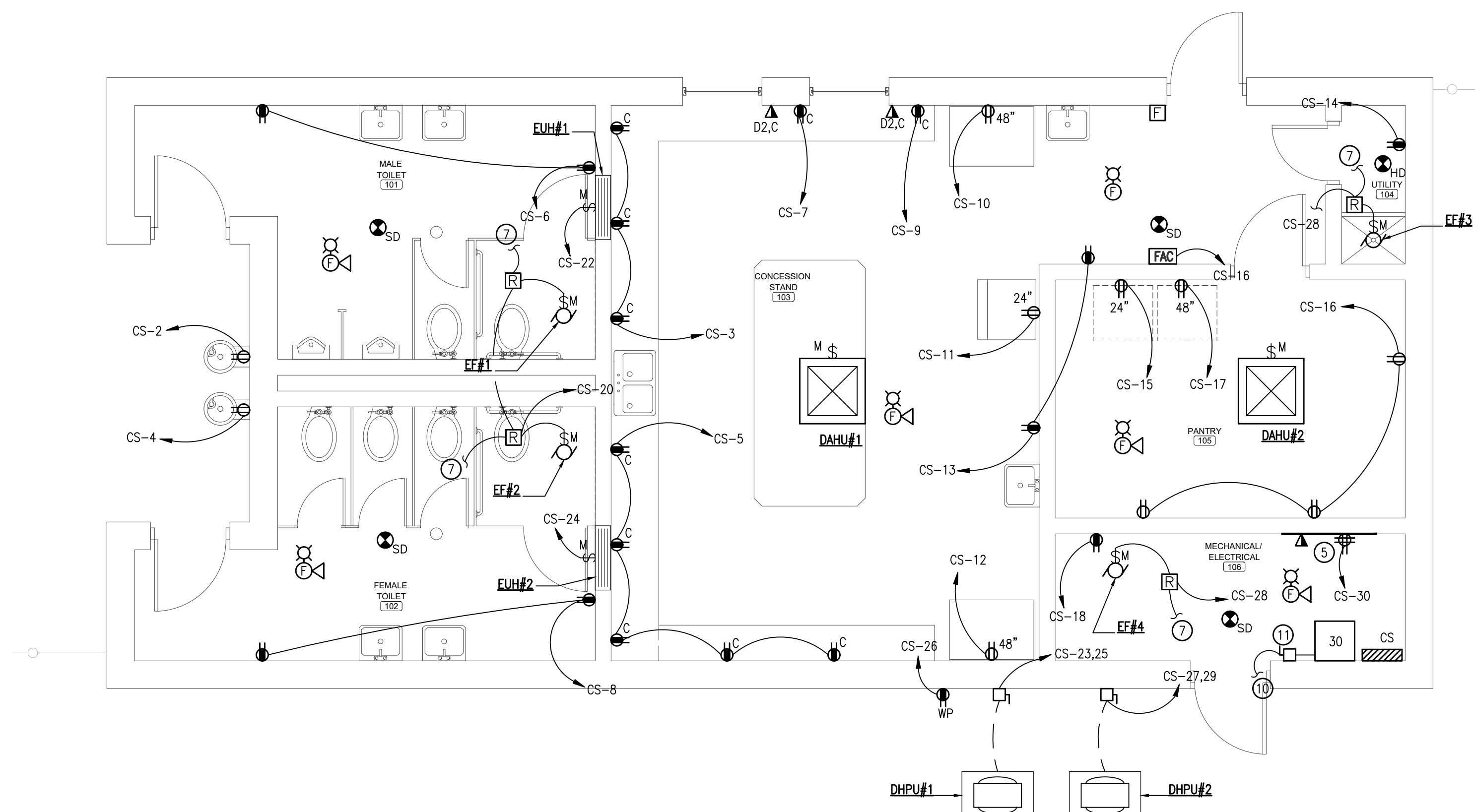
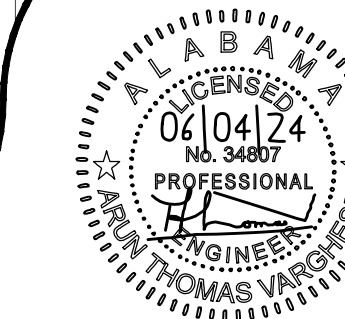




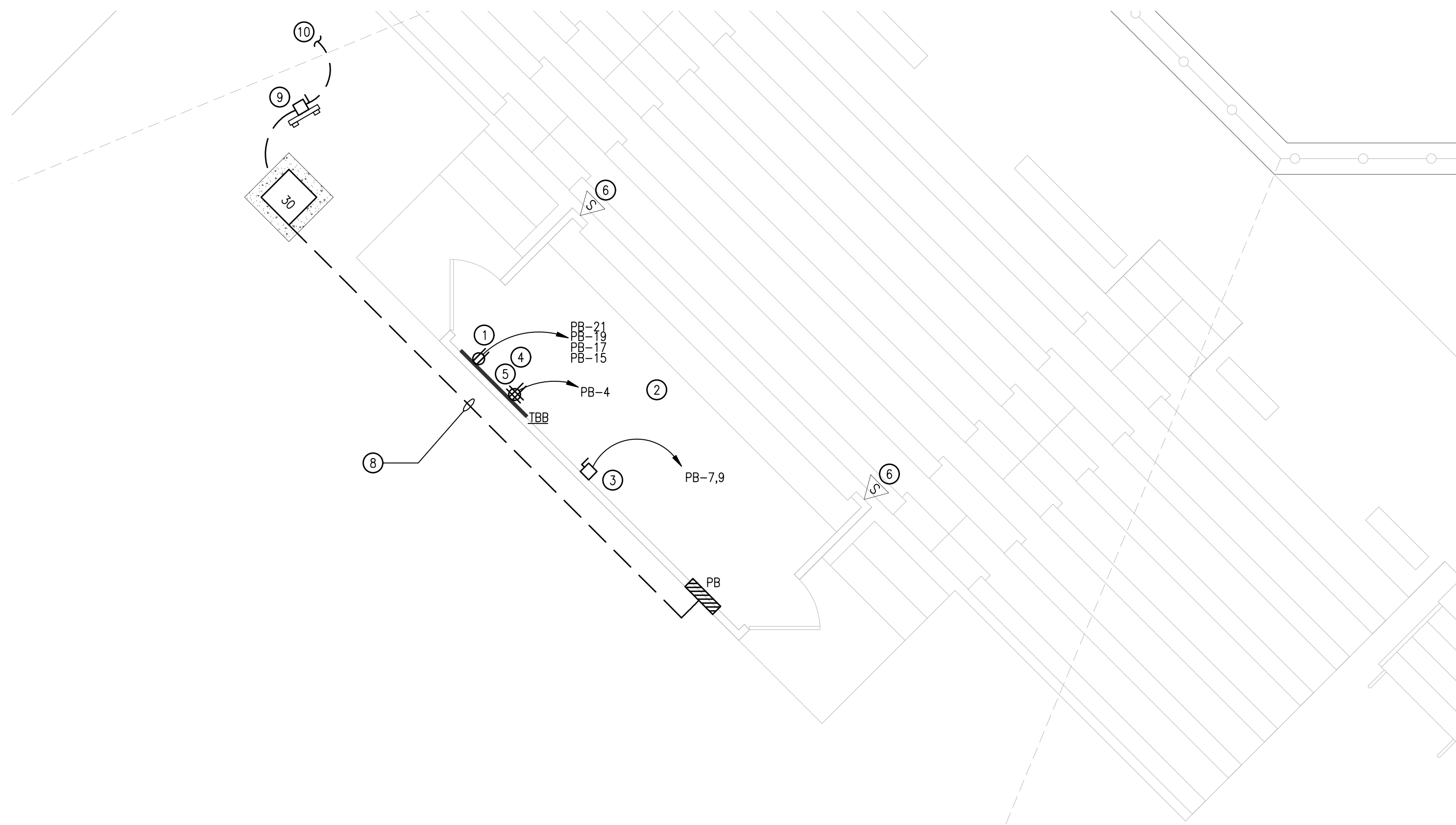
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**POWER PLAN - CONCESSION / TOILET BUILDING**  
SCALE: 1/4"=1'-0"



**POWER PLAN - BLEACHER PRESS BOX**  
SCALE: 1/4"=1'-0"

**GENERAL NOTE:**

1. CONTRACTOR SHALL REFERENCE MECHANICAL/EQUIPMENT SCHEDULES FOR DISCONNECT AND CIRCUIT FEEDER SIZES.

**ELECTRICAL PLAN KEYNOTES:**

- 1 PROVIDE FOUR(4) DEDICATED 120VAC 20A RECEPTACLES WITH DEDICATED CIRCUITS AS INDICATED, FOR AUDIO EQUIPMENT RACK.
- 2 ALL POWER AND TELECOM ALONG WITH ALL CONDUIT AND WIRING ARE PROVIDED AND INSTALLED BY THE BLEACHER MANUFACTURER (UNLESS NOTES OTHERWISE). PANELBOARD AND TELECOM HEADEND EQUIPMENT PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- 3 HVAC UNIT PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE ALL ELECTRICAL CONNECTIONS AND EQUIPMENT AS INDICATED.
- 4 TELECOM HEADEND EQUIPMENT AND CONNECTIONS PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE ALL ELECTRICAL CONNECTIONS AND EQUIPMENT AS INDICATED.
- 5 3/4"D PLYWOOD BACKBOARD PROVIDE 6" CLEARANCE ABOVE FLOOR. BACKBOARD SHALL BE AC EXTERIOR GRADE PLYWOOD, FINISH WITH TWO COATS FIRE RETARDANT SEMI-GLOSS ENAMEL PAINT, COLOR BATTLESHIP GREY. ALL POWER AND DATA RECEPTACLES SHALL BE FLUSH WITH BACKBOARD. PROVIDE #6 GROUND IN 1" EMT CONDUIT FROM MAIN ELECTRICAL PANEL TO BACKBOARD, COIL 10' SLACK AT BACKBOARD, PROVIDE INSULATED GROUNDING BUSHING. COORDINATE GROUND TERMINATION WITH COMMUNICATIONS CONTRACTOR, PROVIDE TERMINATIONS AS REQUIRED. PROVIDE GROUND BUS BAR (HARGER GBI SERIES 1/4"x4"x12") MOUNTED 12" AFF. COORDINATE EXACT LOCATION OF THE GROUND BUS BAR WITH COMMUNICATIONS CONTRACTOR PRIOR TO ANY ROUGH-IN. ALL COMMUNICATION EQUIPMENT, CONDUITS, ETC. SHALL BE GROUNDED WITH #6 AWG INSULATED GREEN COPPER GROUNDING CONDUCTOR TO GROUNDING BUS BAR. LOOPING GROUNDS SHALL NOT BE PERMITTED.
- 6 LOUD SPEAKER TO BE INSTALL AT TOP OF PRESSBOX. CONTRACTOR TO PROVIDE 1/2"C WITH PULL STRING FROM HEADEND LOCATION TO SPEAKER. PROVIDE SPEAKER BACKBOX AS REQUIRED. COORDINATE WITH SPEAKER INSTALLER FOR ALL ROUGH-IN LOCATIONS AND REQUIREMENTS.
- 7 INTERLOCK EXHAUST FAN WITH LOCAL ROOM LIGHT SWITCH. COORDINATE INTERLOCKING REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- 8 ROUTE CONDUIT DOWN TO GROUND, AND TO TRANSFORMER. SEE RISER DIAGRAM FOR CONDUIT AND FEEDER SIZE.
- 9 NEMA 3R DISCONNECT MOUNTED TO GALVANIZED UNISTRUT FRAME. SEE RISER DIAGRAM.
- 10 TO NEW TRANSFORMER IN POWER/TELECOM UTILITY AREA. SEE SITE PLAN.
- 11 NEW NEMA 3R DISCONNECT, WALL MOUNTED. SEE RISER DIAGRAM.

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253 ST. ANTHONY STREET MOBILE, ALABAMA 36603 PHONE: (251)690-7446

SHEET TITLE : POWER PLAN - CONCESSION / TOILET BUILDING

MCKEE JOB # : 23-199

DRAWN BY : CBP

DATE : JUNE 04, 2024

REVISED DATE :

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SHEET NO. : **E2.1**

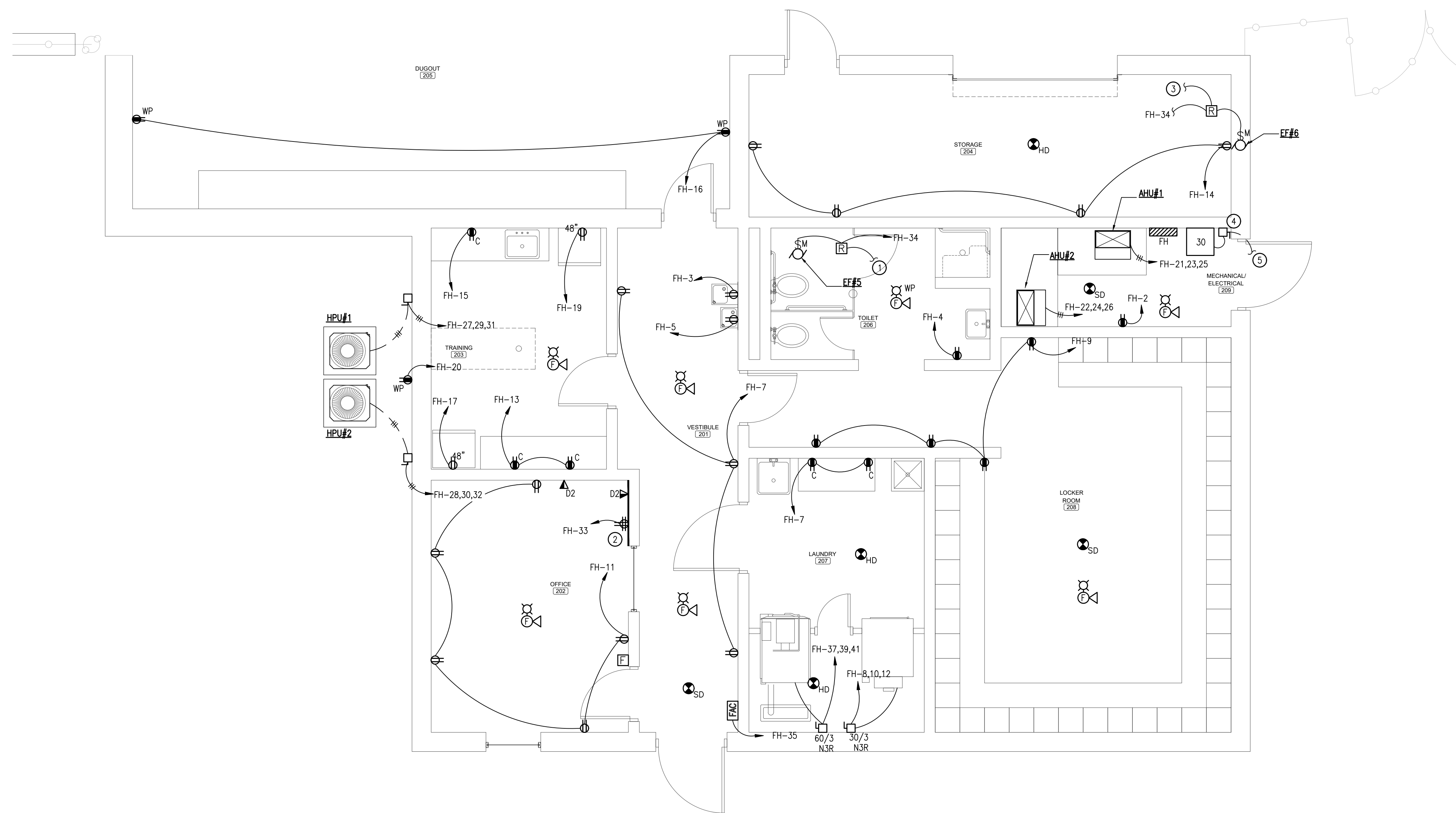
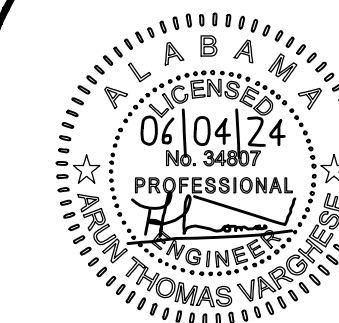




NEW SOFTBALL COMPLEX  
AT  
DAPHNE HIGH SCHOOL  
FOR THE  
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**POWER PLAN-SOFTBALL FIELD HOUSE**  
SCALE: 1/4"=1'-0"

**ELECTRICAL PLAN KEYNOTES:**

- ① INTERLOCK EXHAUST FAN WITH LOCAL ROOM LIGHT SWITCH. COORDINATE INTERLOCKING REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- ② 3/4" D PLYWOOD BACKBOARD PROVIDE 6" CLEARANCE ABOVE FLOOR. BACKBOARD SHALL BE AC EXTERIOR GRADE PLYWOOD, FINISH WITH TWO COATS FIRE RETARDANT SEMI-GLOSS ENAMEL PAINT, COLOR BATTLESHIP GREY. ALL POWER AND DATA RECEPTACLES SHALL BE FLUSH WITH BACKBOARD, PROVIDE #6 GROUND IN 1" EMT CONDUIT FROM MAIN ELECTRICAL PANEL TO BACKBOARD, COIL 10' SLACK AT BACKBOARD, PROVIDE INSULATED GROUNDING BUSHING. COORDINATE GROUND TERMINATION WITH COMMUNICATIONS CONTRACTOR, PROVIDE TERMINATIONS AS REQUIRED. PROVIDE GROUND BUS BAR (HARGER GBI SERIES 1/4"x4"x12") MOUNTED 12" AFF. COORDINATE EXACT LOCATION OF THE GROUND BUS BAR WITH COMMUNICATIONS CONTRACTOR PRIOR TO ANY ROUGH-IN. ALL COMMUNICATION EQUIPMENT, CONDUITS, ETC. SHALL BE GROUNDED WITH #6 AWG INSULATED GREEN COPPER GROUNDING CONDUCTOR TO GROUNDING BUS BAR. LOOPING GROUNDS SHALL NOT BE PERMITTED.
- ③ INTERLOCK EXHAUST FAN WITH LOCAL TEMPERATURE CONTROLLER. COORDINATE LOCATION OF CONTROLLER WITH MECHANICAL CONTRACTOR.
- ④ NEW NEMA 3R DISCONNECT WALL MOUNTED. SEE RISER DIAGRAM.
- ⑤ TO NEW POWER AND TELECOM UTILITY AREA. SEE SITE PLAN.

**GENERAL NOTE:**

- 1. CONTRACTOR SHALL REFERENCE MECHANICAL/EQUIPMENT SCHEDULES FOR DISCONNECT AND CIRCUIT FEEDER SIZES.

SHEET TITLE : POWER PLAN - SOFTBALL FIELD HOUSE

MCKEE JOB # : 23-199

DRAWN BY : CBP

DATE : JUNE 04, 2024

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SHEET NO. : **E2.2**



NEMA 3R, SURFACE MOUNT		NEW PANEL MP SCHEDULE				65,000 AIC RATING	
200A M.B. 480Y/277V 3Ø 4W		BREAKER POLE AMP		KVA		BREAKER AMP POLE	
CKT NO.	LOAD DESCRIPTION	POLE	AMP	POLE	AMP	LOAD DESCRIPTION	CKT NO.
1							2
3	FIELD LIGHTS A1	3	20	5.9	5.9	20	3
5							6
7							8
9	FIELD LIGHTS B1	3	20	6.2	6.7	20	3
11							10
13							12
15	PANEL CS THRU XFRMR	3	60	21.4	12.6	60	3
17							14
19	GATE LIGHTS	1	20	0.2			16
21	SPARE	1	20		16.1	60	3
23	SPARE	1	20				18
25							20
27	PANEL P1 THRU XFRMR	3	30	6.6	2.8	30	3
29							22
CONNECTED LOAD				84.8		KVA	

NEMA 1, SURFACE MOUNT		NEW PANEL CS SCHEDULE				10,000 AIC RATING	
100A M.L.O. 208Y/120V 3Ø 4W		BREAKER POLE AMP		KVA		BREAKER AMP POLE	
CKT NO.	LOAD DESCRIPTION	POLE	AMP	POLE	AMP	LOAD DESCRIPTION	CKT NO.
1	LIGHTING	1	20	1.0	1.2	20	1
3	CONCESSION COUNTER RECS	1	20	0.6	1.2	20	1
5	CONCESSION COUNTER RECS	1	20	1.0	0.4	20	1
7	POS STATION	1	20	0.4	0.4	20	1
9	POS STATION	1	20	0.4	1.0	20	1
11	ICE MACHINE	(G)	1	20	1.0	1.0	20
13	CONVENIENCE RECS	1	20	0.4	0.2	20	1
15	FREEZER	(G)	1	20	1.0	0.6	20
17	REFRIGERATOR	(G)	1	20	1.0	0.2	20
19	EXTERIOR DOWNLIGHTS	1	20	0.2	0.4	20	1
21	EXIT DISCHARGE LIGHTS	1	20	0.2		20	1
23	DHPU/DAHU#1	2	30	3.3		20	1
25							
27	DHPU/DAHU#2	2	30	3.3	0.4	20	1
29							
31	UTILITY AREA RECEPTACLE	1	20	0.2	1.0	20	1
33	SPARE	1	20			20	1
35	SPARE	1	20			20	1
37	SPARE	1	20			20	1
39	SPARE	1	20			20	1
41	SPARE	1	20			20	1
CONNECTED LOAD				22.6		KVA	
(G) INDICATES GFCI TYPE BREAKER.							
(L) INDICATES LOCKABLE CIRCUIT BREAKER.							

NEMA 1, SURFACE MOUNT		NEW PANEL FH SCHEDULE				10,000 AIC RATING	
100A M.L.O. 208Y/120V 3Ø 4W		BREAKER POLE AMP		KVA		BREAKER AMP POLE	
CKT NO.	LOAD DESCRIPTION	POLE	AMP	POLE	AMP	LOAD DESCRIPTION	CKT NO.
1	INTERIOR LIGHTING	1	20	1.0	0.2	20	1
3	EWC	(G)	1	20	1.0	0.2	20
5	EWC	(G)	1	20	1.0	0.4	20
7	VESTIBULE RECS	1	20	0.6			
9	LOCKER RM RECS	1	20	0.8	2.2	15	3
11	OFFICE RECS	1	20	1.0			
13	TRAINING COUNTER RECS	1	20	0.4	0.6	20	1
15	TRAINING COUNTER REC	1	20	0.2	0.4	20	1
17	REFRIGERATOR	(G)	1	20	0.4	0.2	20
19	REFRIGERATOR	(G)	1	20	0.4	0.2	20
21							
23	AHU#1	3	20			20	3
25							
27							
29	HPU#1	3	20			20	3
31							
33	TBB	1	20	0.4	0.4	20	1
35	FACP	(L)	1	20	1.0		20
37							
39	WASHER	3	50	14.8			
41							
CONNECTED LOAD				27.8		KVA	
(G) INDICATES GFCI TYPE BREAKER.							
(L) INDICATES LOCKABLE CIRCUIT BREAKER.							

NEMA 1, RECESSED MOUNT		NEW PANEL PB SCHEDULE				10,000 AIC	
100A M.C.B. 208Y/120V 3Ø 4W		BREAKER POLE AMP		KVA		BREAKER AMP POLE	
CKT NO.	LOAD DESCRIPTION	POLE	AMP	POLE	AMP	LOAD DESCRIPTION	CKT NO.
1	RECEPTACLE	1	20	0.2	0.2	20	1
3	RECEPTACLE	1	20	0.2	1.2	20	1
5	PRESSBOX FRONT REC	1	20	0.4	0.4	20	1
7	PWHPU#1	2	30	4.8	0.4	20	1
9							
11	SPARE	1	20		0.1	20	1
13	SPARE	1	20		0.4	20	1
15	PA SYSTEM	1	20	1.8	0.4	20	1
17	PA SYSTEM	1	20	1.8		20	1
19	PA SYSTEM	1	20	1.8		20	1
21	PA SYSTEM	1	20	1.8		20	1
23	SPARE	1	20			20	1
25	SPARE	1	20			20	1
27	SPARE	1	20			20	1
29	SPARE	1	20			20	1
31	SPARE	1	20			20	1
33	SPARE	1	20			20	1
35	SPARE	1	20			20	1
37	SPARE	1	20			20	1
39	SPARE	1	20			20	1
41	SPARE	1	20			20	1
CONNECTED LOAD				16.1		KVA	

NEMA 3R		NEW PANEL P1 SCHEDULE				10,000 AIC RATING	
60A M.B. 208Y/120V 3Ø 4W		BREAKER POLE AMP		KVA		BREAKER AMP POLE	
CKT NO.	LOAD DESCRIPTION	POLE	AMP	POLE	AMP	LOAD DESCRIPTION	CKT NO.
1	BULLPEN LIGHTS	1	20	0.5	0.2	20	1
3	RECEPTACLE AT SCOREBOARD	1	20	0.2	5.1	60	1
5	VISITORS DUGOUT LIGHTS	1	20	0.4	0.2	20	1
7	SPARE	1	20			20	1
9	SPARE	1	20			20	1
11	SPARE	1	20			20	1
CONNECTED LOAD				6.6		KVA	

NEMA 3R		NEW PANEL P2 SCHEDULE				10,000 AIC RATING	
60A M.B. 208Y/120V 3Ø 4W		BREAKER POLE AMP		KVA		BREAKER AMP POLE	
CKT NO.	LOAD DESCRIPTION	POLE	AMP	POLE	AMP	LOAD DESCRIPTION	CKT NO.
1	BULLPEN LIGHTS	1	20	0.5	0.2	20	1
3	BULLPEN LIGHTS	1	20	0.5	0.2	20	1
5	BULLPEN LIGHTS	1	20	0.5	0.2	20	1
7	BULLPEN LIGHTS	1	20	0.5	0.2	20	1
9	SPARE	1	20			20	1
11	SPARE	1	20			20	1
CONNECTED LOAD				2.8		KVA	



NEW SOFTBALL COMPLEX  
 AT  
 DAPHNE HIGH SCHOOL  
 FOR THE  
 BALDWIN COUNTY B.O.E.

**MCKEE and ASSOCIATES**  
 ARCHITECTS, INC.  
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 834-9933



SHEET TITLE : ELECTRICAL SCHEDULES  
  
 MCKEE JOB # : 23-199  
  
 DRAWN BY : CBP  
 DATE : JUNE 04, 2024  
  
 REVISED DATE :  
 REVISED DATE :  
 REVISED DATE :



SHEET NO. : **E3.1**

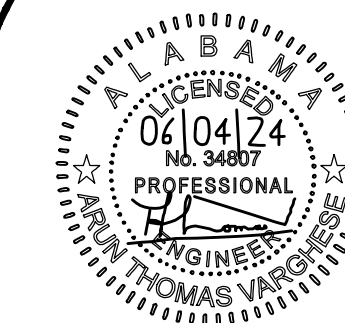




**NEW SOFTBALL COMPLEX**  
 AT  
**DAPHNE HIGH SCHOOL**  
 FOR THE  
**BALDWIN COUNTY B.O.E.**

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NOTE: ALL EQUIPMENT THAT IS LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED SHALL BE PROVIDED WITH A LABEL IN ACCORDANCE WITH NEC 110.16. THE EQUIPMENT MANUFACTURER SHALL PROVIDE AN ARC FLASH HAZARD ANALYSIS TO DETERMINE THE LEVEL OF PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED FOR EACH PIECE OF EQUIPMENT. LABEL SHALL INCLUDE:

- AT LEAST ONE OF THE FOLLOWING:
  - AVAILABLE INCIDENT ENERGY AND THE CORRESPONDING WORKING DISTANCE
  - MINIMUM ARC RATING OF CLOTHING
  - REQUIRED LEVEL OF PPE
  - HIGHEST HAZARD/RISK CATEGORY (HRC) FOR THE EQUIPMENT
- NOMINAL SYSTEM VOLTAGE
- ARC FLASH BOUNDARY

ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO ENSURE THE OVER CURRENT PROTECTION FOR THE SPECIFIC HVAC EQUIPMENT MEETS THE MANUFACTURER AND THE NATIONAL ELECTRICAL CODE REQUIREMENTS.

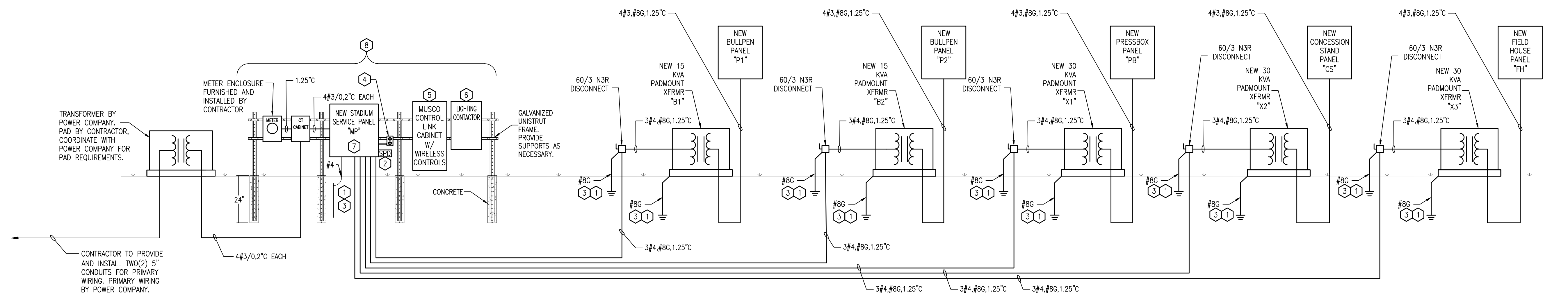
THE ELECTRICAL CONTRACTOR SHALL FIELD MARK ALL PANEL BOARDS WITH ORIGIN OF POWER SUPPLY. VIA MECHANICALLY FASTENED PHENOLIC LABEL.

THE ELECTRICAL CONTRACTOR SHALL FIELD MARK ALL ELECTRICAL SERVICE EQUIPMENT WITH A CONSPICUOUS AND PERMANENT LABEL THAT INDICATES THE AVAILABLE FAULT CURRENT AS FOLLOWS PER NEC 110.24:

"Panel XX"  
 "Maximum available fault current = ###,### Amps"  
 "Month DD, Year"

THE LABEL SHOULD BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.

THE ELECTRICAL CONTRACTOR SHALL FIELD MARK ALL PANEL BOARDS IN AREA OF WORK THAT ARE TO REMAIN TO INDICATE ORIGIN OF POWER SUPPLY.



**SINGLE LINE DIAGRAM – FOOTBALL STADIUM**  
SCALE: NOT TO SCALE

**SINGLE LINE DIAGRAM – FOOTBALL STADIUM: KEYNOTES**

- GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH NEC ARTICLE 250.
- SURGE PROTECTION DEVICE SERVICE ENTRANCE RATED CATEGORY "C" 10-MODE 240KA PER PHASE.
- PROVIDE 3/4" X 20' GROUND ROD. ALL GROUNDING AND BONDING SHALL BE COPPER.
- PROVIDE 120VAC 20A WEATHERPROOF GFCI OUTLET. OUTLET TO BE FED FROM CONCESSION BUILDING PANEL CS-31. PROVIDE 0.75" CONDUIT, 2#10, #10G WIRING.
- ALL SITE BALL FIELD LIGHTING CIRCUITS SHALL BE ROUTED THROUGH CABINET. COORDINATE WITH MUSCO FOR CONNECTION REQUIREMENTS.
- PROVIDE INTERMATIC ET2000 TIME CLOCK IN NEMA 3R ENCLOSURE. PROVIDE INTERMATIC EK4236S PHOTOCELL. PROVIDE EATON ECL-03-C-2-B-2-A-S3 CONTACTOR. PHOTOCELL SHALL TURN LIGHTS ON AT DUSK FOR LIGHTING ZONES "A" AND "B". TIME CLOCK SHALL TURN OFF ZONE "B" FROM 10:00AM-6:00AM.
- PANEL SHALL BE PROVIDED WITH INTEGRAL ES0FSA METER TO MONITOR ALL FEEDERS. PROVIDE AH02/03/04 FUSE PACKS AND E6830502 CURRENT TRANSDUCCERS AS REQUIRED. COORDINATE WITH MANUFACTURER FOR REQUIREMENTS.
- ALL SERVICE EQUIPMENT SHALL BE INSTALLED ADJACENT TO THE UTILITY TRANSFORMER. SEE KEYNOTE #2 SHEET E01 FOR TRANSFORMER LOCATION.

**H.M. YONGE & ASSOCIATES, INC.**  
CONSULTING ENGINEERS // EST. 1988

51 EAST GREGORY STREET  
PENSACOLA, FLORIDA 32502  
PHONE: (850)434-2661

253 ST. ANTHONY STREET  
MOBILE, ALABAMA 36603  
PHONE: (251)690-7446

SHEET TITLE : ELECTRICAL RISER DIAGRAM

MCKEE JOB # : 23-199

DRAWN BY : CBP

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : **E3.2**

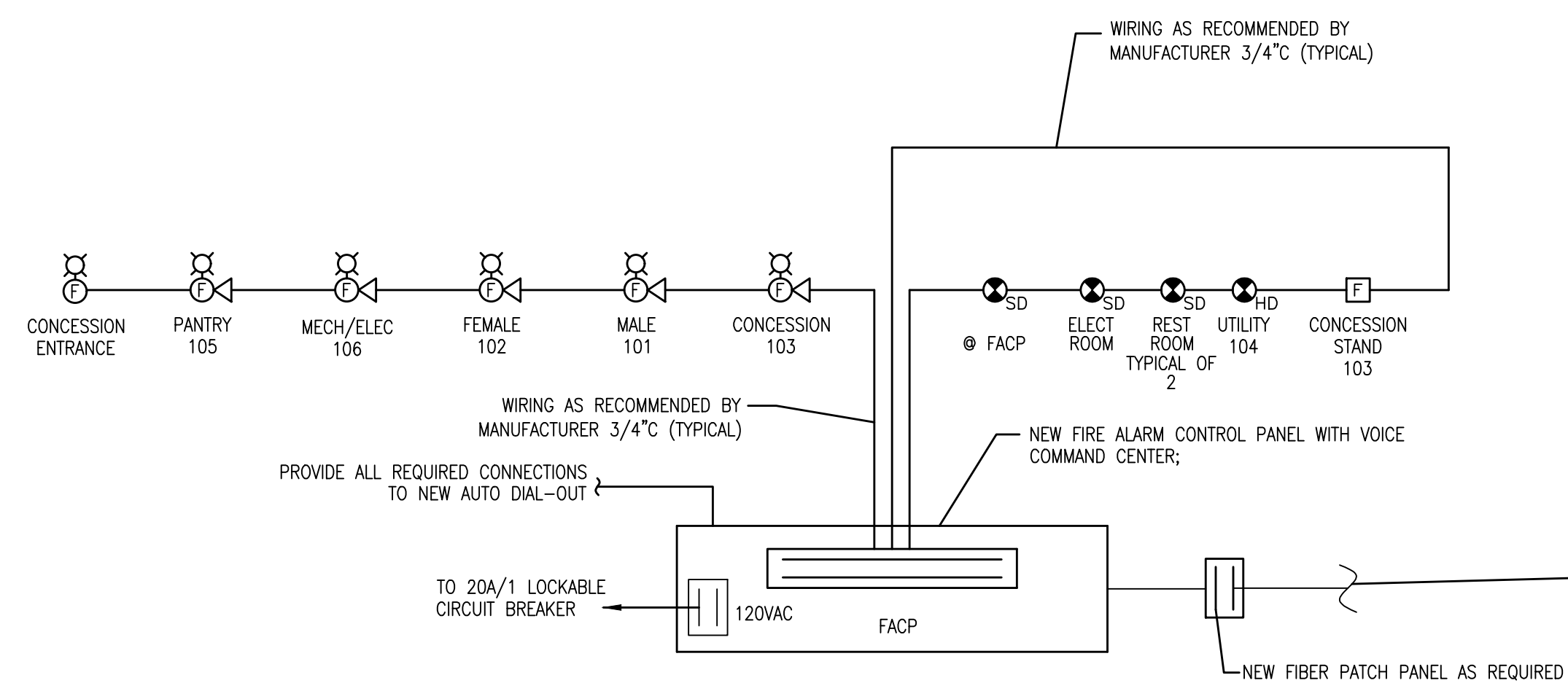
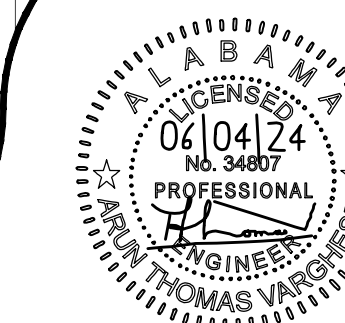




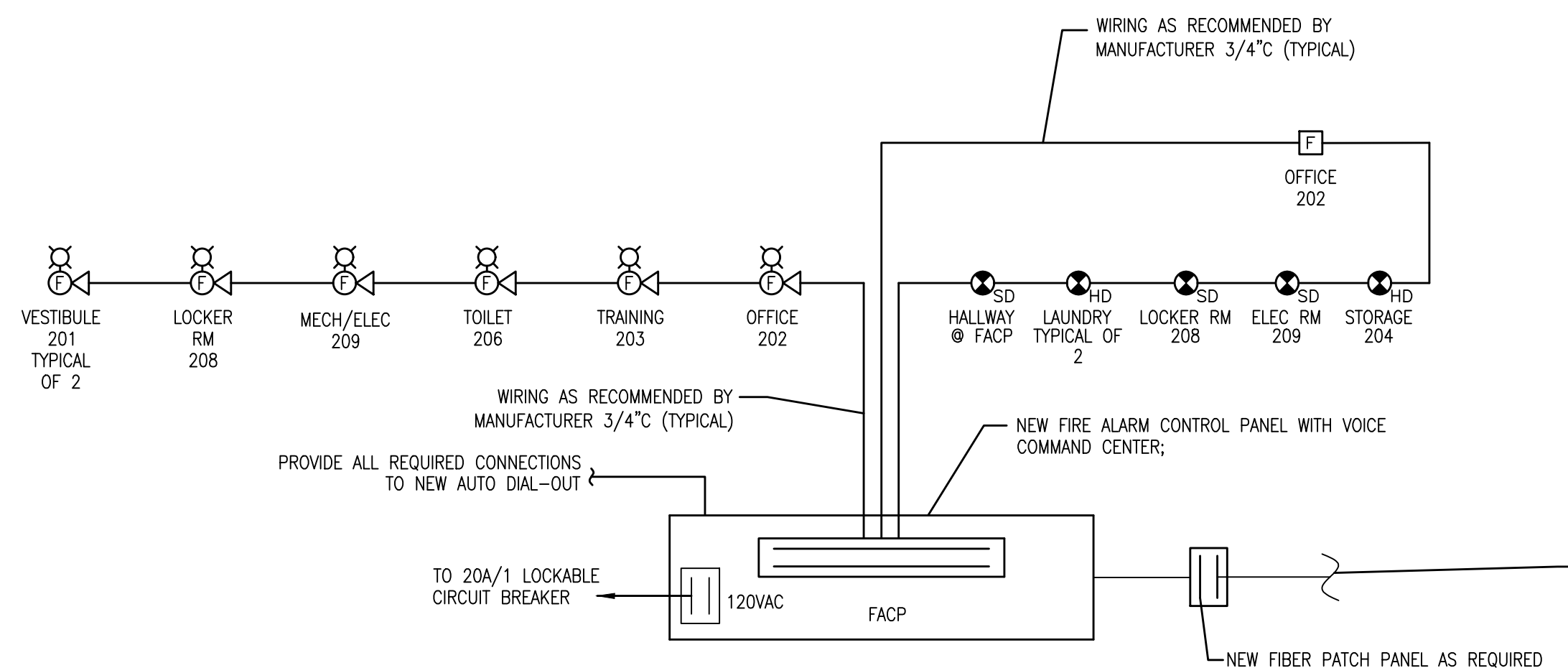
NEW SOFTBALL COMPLEX  
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**FIRE ALARM SYSTEM RISER DIAGRAM - CONCESSION/TOILET BUILDING**  
NOT TO SCALE



**FIRE ALARM SYSTEM RISER DIAGRAM - SOFTBALL FIELD HOUSE**  
NOT TO SCALE

PROVIDE NETWORK CONNECTION FROM NEW FIRE ALARM CONTROL PANEL TO EXISTING FIRE ALARM CONTROL PANEL. SEE ELECTRICAL SITE PLAN. PROVIDE PULLBOXES AS REQUIRED. PROVIDE ALL HARDWARE AS REQUIRED TO INTERFACE WITH EXISTING SYSTEM. EXISTING SYSTEM SHALL BE UPGRADED AS NECESSARY TO INTERFACE WITH THE PANEL. ALL WORK ASSOCIATED WITH THE INTERCOM SYSTEM AND INTERFACE WITH EXISTING SCHOOL SHALL BE INCLUDED IN THE BID PRICE. ALL WORK SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

PROVIDE NETWORK CONNECTION FROM NEW FIRE ALARM CONTROL PANEL TO EXISTING FIRE ALARM CONTROL PANEL. SEE ELECTRICAL SITE PLAN. PROVIDE PULLBOXES AS REQUIRED. PROVIDE ALL HARDWARE AS REQUIRED TO INTERFACE WITH EXISTING SYSTEM. EXISTING SYSTEM SHALL BE UPGRADED AS NECESSARY TO INTERFACE WITH THE PANEL. ALL WORK ASSOCIATED WITH THE INTERCOM SYSTEM AND INTERFACE WITH EXISTING SCHOOL SHALL BE INCLUDED IN THE BID PRICE. ALL WORK SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

**FIRE ALARM SYSTEM GENERAL NOTES:**

- a. VERIFY EXACT NUMBER OF DEVICES FROM FLOOR PLAN, NOT RISER DIAGRAM.
- b. THE NAC CIRCUITS ARE SHOWN DIAGRAMATIC. MAXIMUM NUMBER OF DEVICES ON ANY CIRCUIT IS LIMITED. PROVIDE ADDITIONAL HARDWARE AS REQUIRED.
- c. SLC LOOP TO CONNECT ALL FIRE ALARM SYSTEM DEVICES FROM FLOOR PLANS. PROVIDE ADDITIONAL LOOP(S) AS REQUIRED.
- d. BATTERY CABINETS AND NAC EXPANDERS SHALL BE LOCATED BELOW OR ADJACENT TO FIRE ALARM CONTROL PANEL.
- e. ALL FIRE ALARM WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL AS DEFINED IN NFPA 72 (LATEST EDITION) SECTION(S) 4.3.3 AND 4.4.4.2. SHOP DRAWINGS SHALL COMPLY WITH NFPA 72 SECTION 4.5.1.1.
- f. SPLICING OF FIRE ALARM WIRING IS STRICTLY PROHIBITED.
- g. UPON PROJECT COMPLETION THE CAMPUS WIDE FIRE ALARM SYSTEM SHALL BE RECERTIFIED AND TESTED. PROVIDE WITH A RECORD OF COMPLETION AS REQUIRED IN NFPA 72 SECTION 4.5.2.
- h. THE FIRE ALARM INSTALLER SHALL BE LICENSED AS A CERTIFIED FIRE ALARM CONTRACTOR. THE CONTRACTOR MUST HAVE A NICET LEVEL III TECHNICIAN IN A POSITION OF RESPONSIBILITY, AND THE LICENSE SHALL BE ISSUED IN THE NAME OF THE CERTIFICATE HOLDER AND THE CONTRACTOR. TECHNICIANS WORKING FOR THE CERTIFIED CONTRACTOR MUST HOLD A CURRENT NICET LEVEL II, OR EQUIVALENT, CERTIFICATION. CONTRACTORS WISHING TO BID ON FIRE ALARM WORK SHALL SHOW EVIDENCE AT THE PRE-BID CONFERENCE THAT HE/SHE MEETS THE CERTIFICATION REQUIREMENTS AND HOLD A PERMIT ISSUED BY THE STATE OF ALABAMA FIRE MARSHAL.
- i. THE FIRE ALARM SYSTEM SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH NFPA 72. AUTOMATIC TELEPHONE DIALING DEVICES USED TO TRANSMIT AN EMERGENCY ALARM SHALL NOT BE CONNECTED TO ANY FIRE DEPARTMENT TELEPHONE NUMBER UNLESS APPROVED BY THE FIRE CHIEF.



SHEET TITLE : FIRE ALARM RISER DIAGRAMS

MCKEE JOB # : 23-199

DRAWN BY : CBP

DATE : JUNE 04, 2024

REVISED DATE :

REVISED DATE :

REVISED DATE :

SHEET NO. : **E3.3**