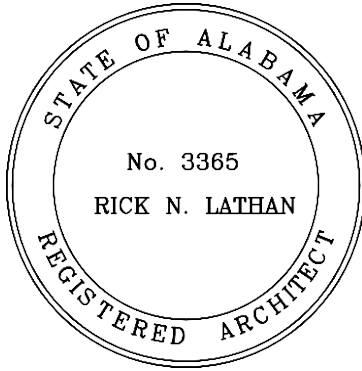




300 CHASE PARK SOUTH • SUITE 200 • HOOVER, ALABAMA 35244
205-988-9112

ADDENDUM NO. 1
BASEBALL AND SOFTBALL COMPLEX RENEWAL
FOR GADSDEN STATE COMMUNITY COLLEGE
Architect Job No. 23-66
November 30, 2023
ACCS No. 2023 063 GSCC

BIDS DUE:

Thursday, January 4, 2024
until 10:00 a.m., local time
at Gadsden State Community College,
George Wallace Drive Campus
312 College Drive
Central Receiving Meeting Room # 101
Gadsden, AL 35903

Non-Mandatory Pre-Bid Conference:

Thursday, December 21, 2023
10:00 a.m., local time
at Gadsden State Community College,
George Wallace Drive Campus
312 College Drive
Central Receiving Meeting Room # 101
Gadsden, AL 35903

The Plans and Specifications are hereby amended. The following supersedes all contrary and/or conflicting information and is made part of the contract documents.

SPECIFICATIONS

1. **Section 01020 – Allowances**

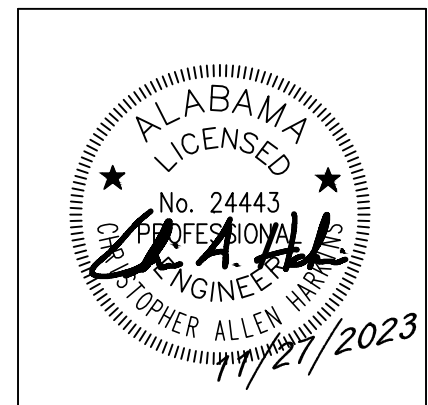
ADD:

Allowance No. 1 – Include an aid to construction allowance of \$55,000.00 for work required by Alabama Power for the new electrical service to the baseball / softball complex.

DRAWINGS

1. Sheet **C2.0** revised drive width to 25' per city comments. Added light pole locations and transformer pad locations.
2. Sheet **C2.1** revised drive widths to 25' per city comments.

3. Sheet **C3.0** & Sheet **C3.1** revised grading to new drive widths.
4. Sheet **C5.0** added light pole and transformer pad locations.
5. See attached Sheet **E0.2**, **E0.5**, **E0.6**, **E1.0**, **E2.1**, & **E4.1** for revisions.
6. Sheet **SP1.0** – MATERIAL AND LAYOUT:
 - A. Revised sheet to add Field Equipment Note:
“HITTING TUNNEL - TRIPLE TENSION BASEBALL BATTING TUNNEL BY SPORTSFIELD SPECIALTIES. BRIAN JAEGER. (607) 267-3621. brian.jaeger@sportsfield.com. PESBT STAMPED AND SEALED DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER FOR GROUND SLEEVE INSERT BATTING TUNNEL, STRUCTURAL DESIGN DETAILS AND CONCRETE ANCHORING FOUNDATION BASED ON LOCAL BUILDING CODES AND SOIL”
 - B. Revised sheet to update background to reflect Civil Site Plan.
 - C. Revised sheet to remove note, “SEED TO LIMIT OF DISTURBANCE.”
7. Sheet **SP2.0** – GRADING PLAN revised sheet to update background to reflect Civil Grading Plan.
8. Sheet **SP3.0** – SUBSURFACE DRAINAGE PLAN:
 - A. Revised sheet to update background to reflect Civil Drainage Plan.
 - B. Revised sheet to add note “SEE CIVIL FOR CONTINUATION”
 - C. Revised sheet to add note “SLOPE SUBGRADE TO CENTER”
 - D. Revised sheet to add inverts at hitting tunnel center drain line.
9. Sheet **SP6.0** – DETAILS revised detail 3 to add note, “CURB HEIGHT MAY VARY IN SOME AREAS, SEE CIVIL PLANS.”
10. Sheet **SP6.1** – DETAILS revised sheet Detail 8 and 9 to add note, “(3) BAY TENSION BATTING TUNNEL-SEE EQUIPMENT NOTES.”
11. Sheet **L7.0** – LANDSCAPE PLAN:
 - A. Revised sheet to remove note, “SEED TO LIMIT OF DISTURBANCE.”
 - B. Revised sheet to add additional sod areas at entrance.
12. Sheet **L8.0** – IRRIGATION PLAN:
 - A. Revised sheet to add note, “SOD AREAS TO HAVE HEAD-TO-HEAD ROTOR AND/ OR SPRAY COVERAGE. LANDSCAPE AREAS TO HAVE SPRAY COVERAGE ONLY. - TYP.”
 - B. Revised sheet to add note, “3” MAINLINE TIE IN POINT. CONVENTIONAL WIRE CONTROLLER.”
 - C. Revised sheet to add additional coverage areas and sleeves.
13. See Sheets **E0.2**, **E0.5**, **E0.6**, **E1.0**, **E2.1**, **E4.1**, & **E4.2** for revisions.



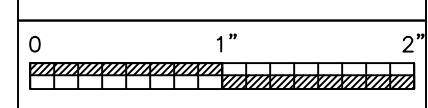
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SITE LAYOUT PLAN

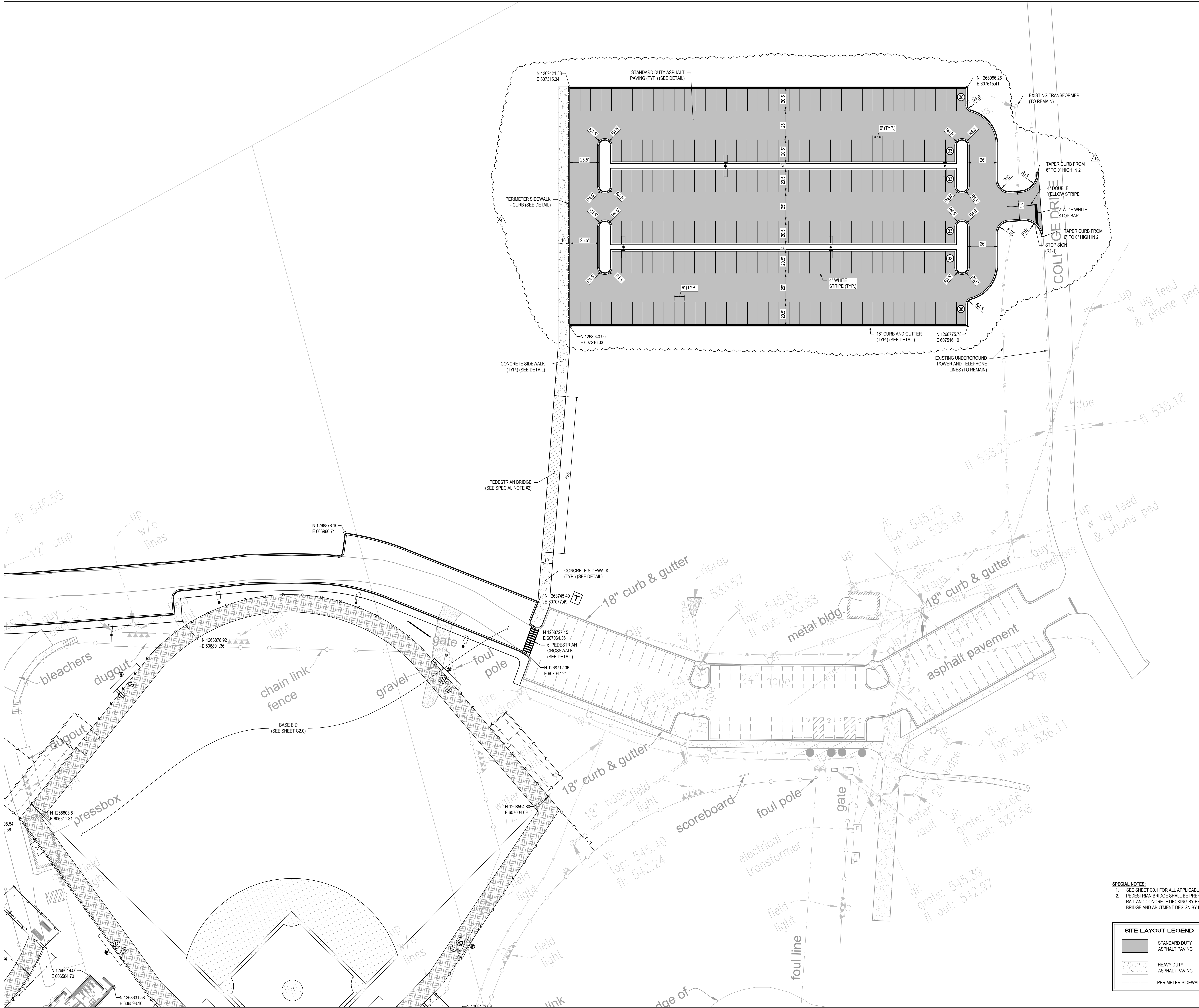
PROJ. MGR.: CAH	
DRAWN: BDS	
DATE: OCTOBER 24, 2023	
REVISIONS	
1	11/27/23-ADDENDUM #1

JOB NO. 23-66

SHEET NO:

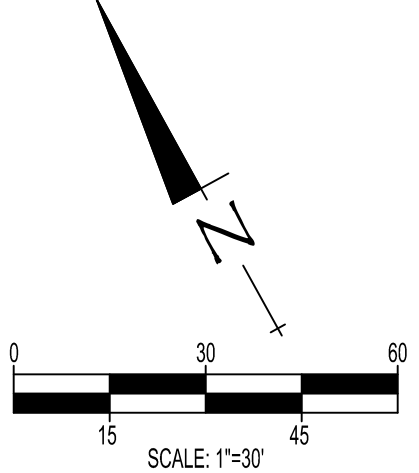
C2.0





SPECIAL NOTES:
1. SEE SHEET C0.1 FOR ALL APPLICABLE NOTES.
2. PEDESTRIAN BRIDGE SHALL BE PREFABRICATED PRATT BRIDGE WITH HZ RAIL AND CONCRETE DECKING BY BRIDGE BROTHERS OR APPROVED EQUAL. BRIDGE AND ABUTMENT DESIGN BY BRIDGE CONTRACTOR.

SITE LAYOUT LEGEND	
	STANDARD DUTY ASPHALT PAVING
	HEAVY DUTY ASPHALT PAVING
	PERIMETER SIDEWALK



BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDDEN, ALABAMA 35903



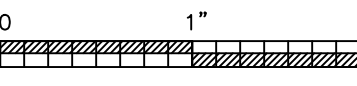
SHEET TITLE:
SITE LAYOUT PLAN
(ALTERNATE)

PROJ. MGR.: CAH
DRAWN: BDS
DATE: OCTOBER 24, 2023
REVISIONS
11/27/23--ADDENDUM #1

JOB NO. **23-66**

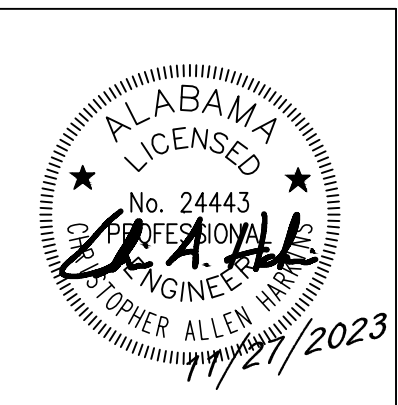
SHEET NO:

C2.1





BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
 1001 GEORGE WALLACE DRIVE
 GADSDEN, ALABAMA 35903



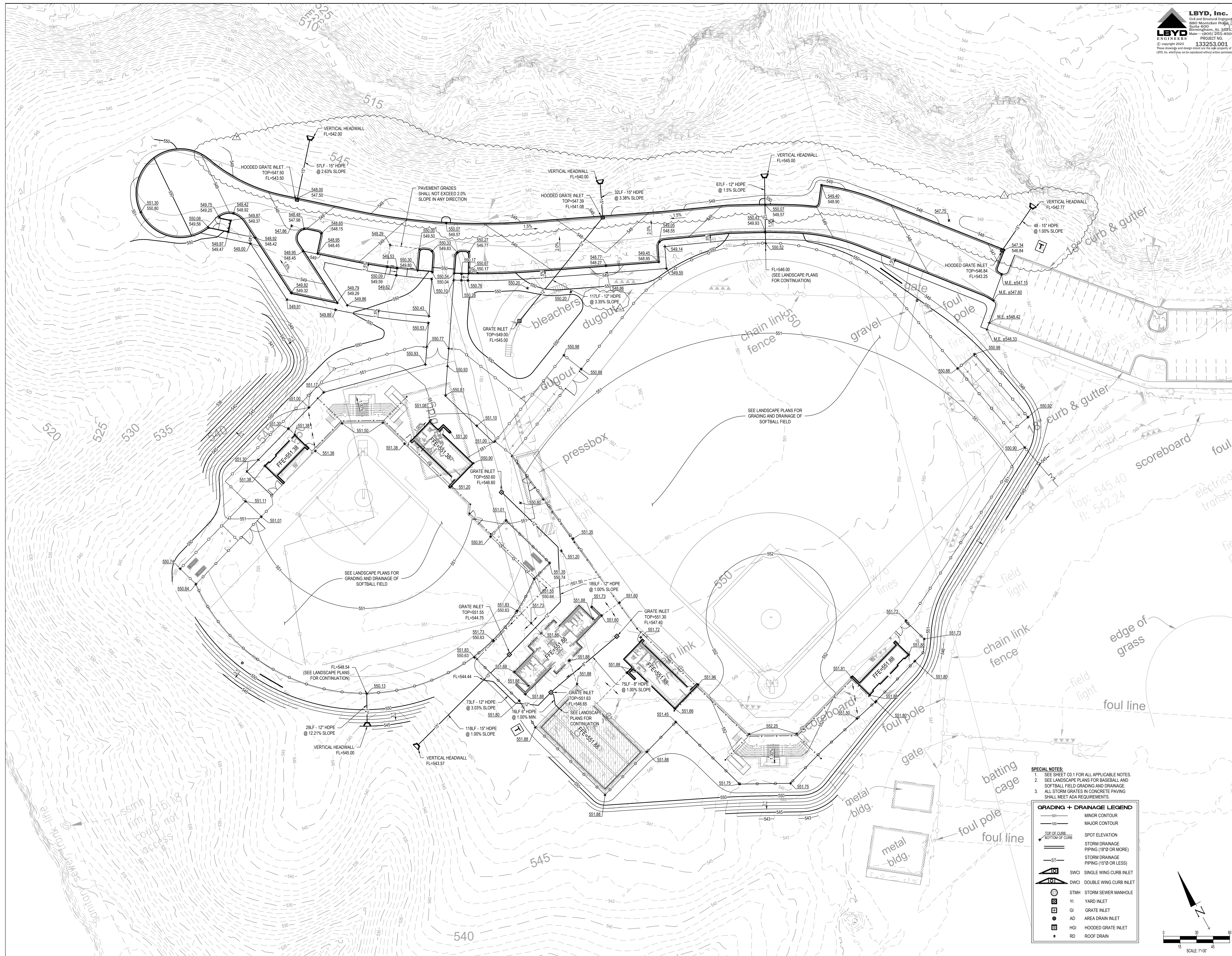
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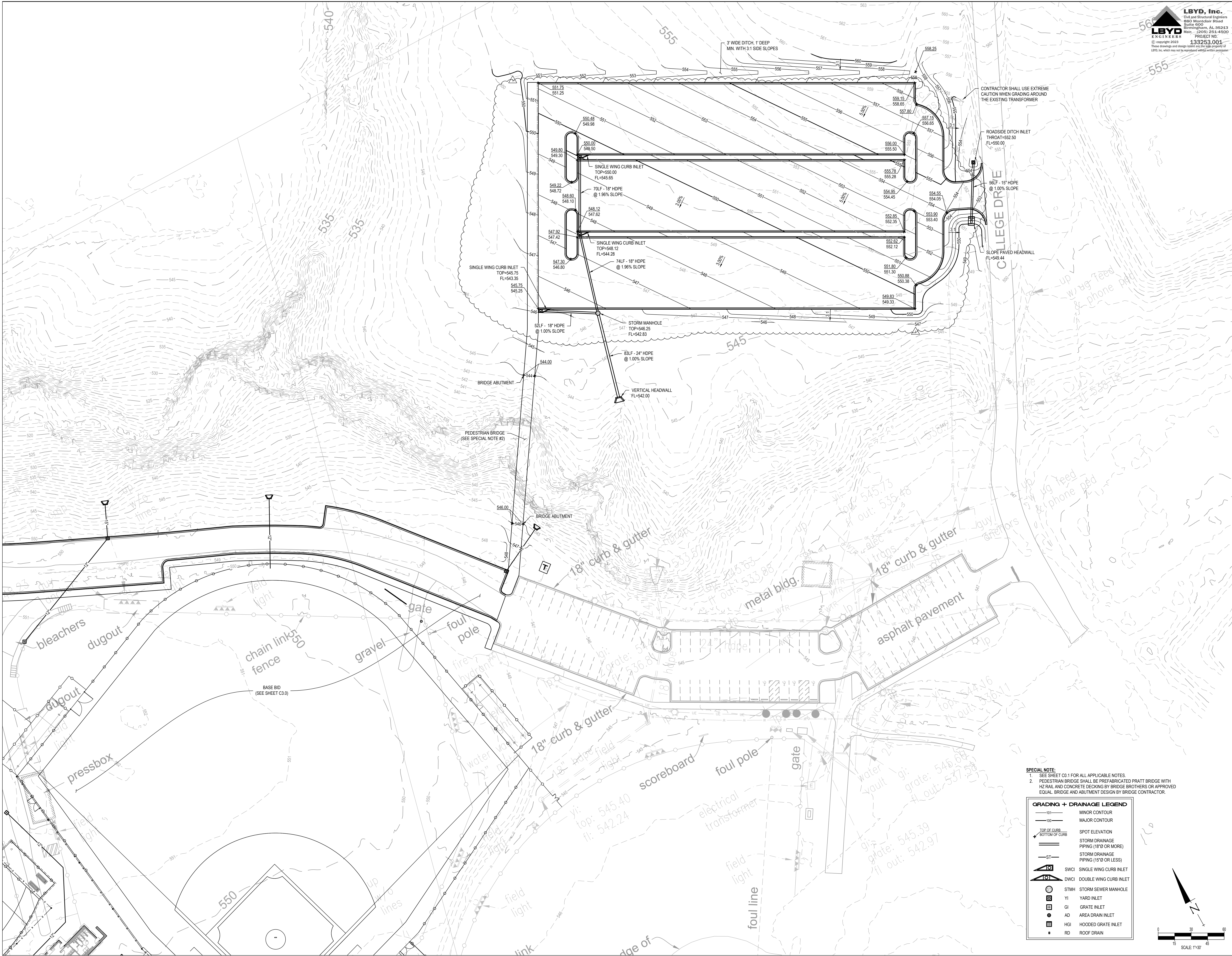
GRADING &
DRAINAGE PLAN

PROJ. MGR.: CAH
DRAWN: BDS
DATE: OCTOBER 24, 2023
REVISIONS
1 11/27/23=ADDENDUM #1

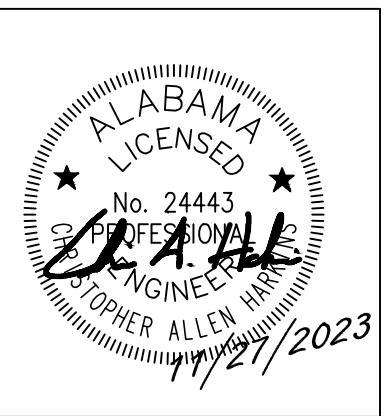
JOB NO.	23-66
SHEET NO:	

C3.0





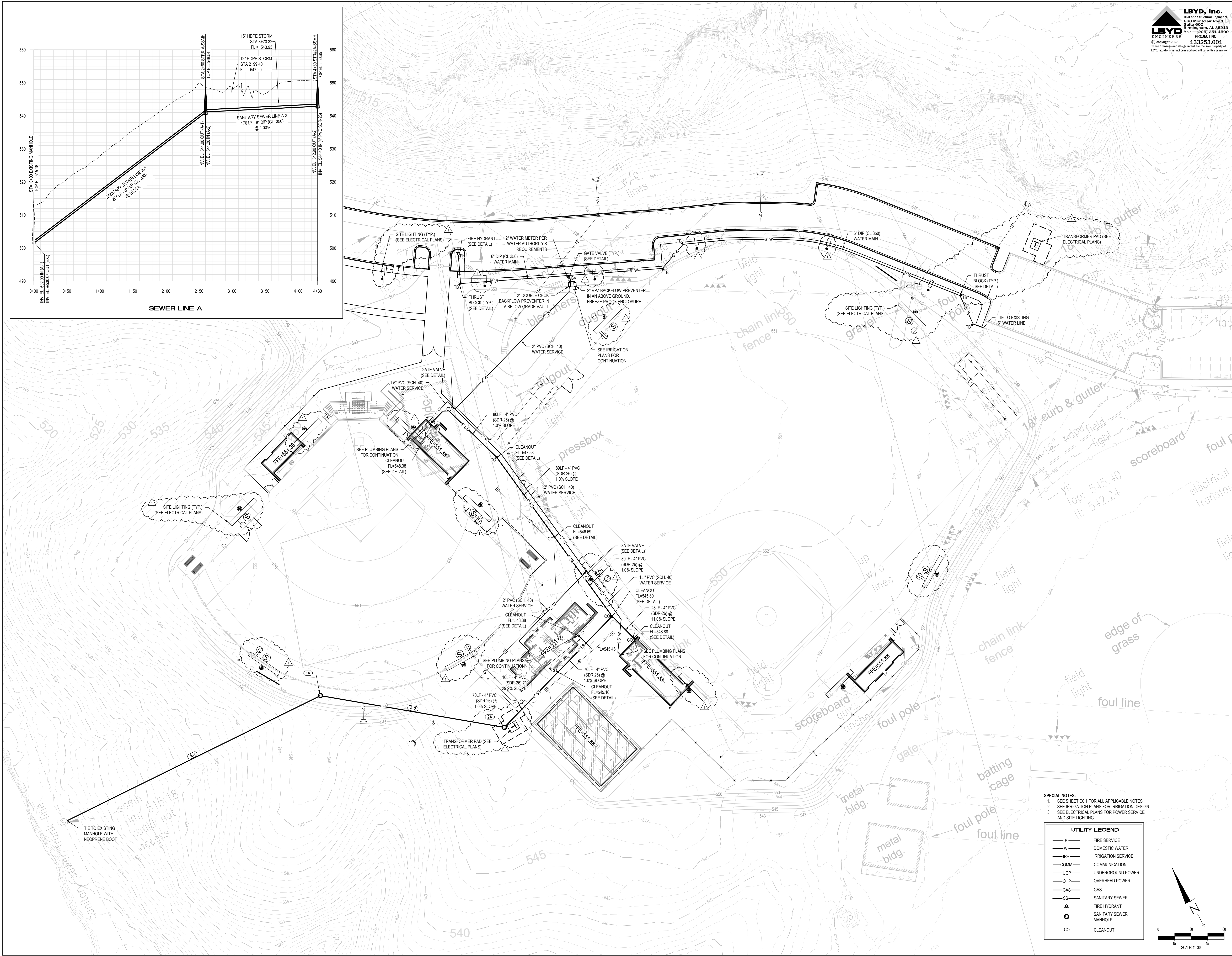
BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDEN, ALABAMA 35903



SHEET TITLE:
GRADING &
DRAINAGE PLAN
(ALTERNATE)

PROJ. MGR.: CAH
DRAWN: BDS
DATE: OCTOBER 24, 2023
REVISIONS
11/27/23-ADDENDUM #1

JOB NO. 23-66
SHEET NO.
C3.1



FIELD EQUIPMENT NOTES:

1. BASEBALL HOME PLATE - BASEBALL BATTER'S BOX FORMING SYSTEM BY SPORTSFIELD SPECIALTIES(BBFSB). PROVIDE AND INSTALL INCLUDED REPLACEABLE SCHUTT® HOLLYWOOD BURY ALL HOME PLATE (SHSRHP). PROVIDE REPLACEMENT BATTER'S BOX TURF PER SPECIFICATIONS.
2. BASEBALL PITCHING MOUND - CONCRETE CONSTRUCTION, SEE DETAIL - (1) SCHUTT® HOLLYWOOD MLB® OFFICIAL SIZE FOUR SIDED PROFESSIONAL PITCHING RUBBER.
3. BASEBALL BASES - SCHUTT® ORIGINAL JACK CORBETT® MLB® HOLLYWOOD BASE SET WITH CORRESPONDING GROUND ANCHOR MOUNTS AND PLUGS.
4. BASEBALL FOUL POLE - SEE DETAIL.
5. SOFTBALL HOME PLATE - SOFTBALL BATTER'S BOX FORMING SYSTEM BY SPORTSFIELD SPECIALTIES, BBFSB. PROVIDE AND INSTALL INCLUDED REPLACEABLE SCHUTT® HOLLYWOOD BURY ALL HOME PLATE (SHSRHP). PROVIDE REPLACEMENT BATTER'S BOX TURF PER SPECIFICATIONS.
6. SOFTBALL BASES - SCHUTT® ORIGINAL JACK CORBETT® MLB® HOLLYWOOD BASE SET WITH CORRESPONDING GROUND ANCHOR MOUNTS AND PLUGS.
7. SOFTBALL PITCHING CIRCLE - (1) SCHUTT® HOLLYWOOD MLB® OFFICIAL SIZE FOUR SIDED PROFESSIONAL PITCHING RUBBER. PROVIDE REPLACEMENT PITCHING LANE TURF PER SPECIFICATIONS.

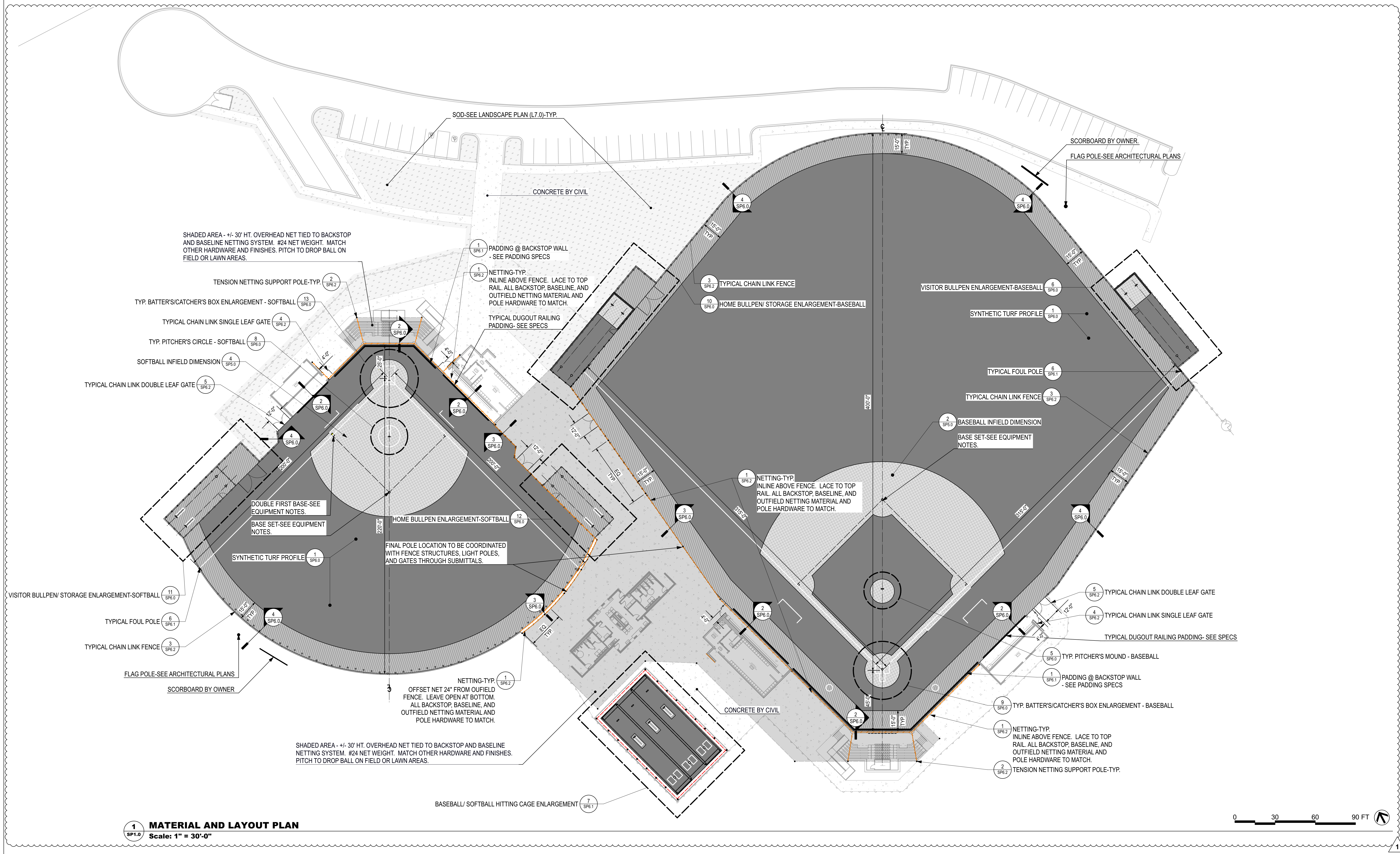
8. SOFTBALL FOUL POLE - SEE DETAIL.
9. SOFTBALL (BASEBALL BULLPEN HOME PLATE - WHITE TURF TO MATCH ADJACENT. PROVIDE (1) RUBBER-SPIKED THROW-DOWN PLATE AND (1) HITTING MAT WITH TUFTED HOME PLATE AND BATTER LANES (MATCH ADJACENT COLOR) PER LANE.
10. SOFTBALL (BASEBALL BULLPEN PITCHING RUBBER (SYNTHETIC/CLAY) (1) SCHUTT® HOLLYWOOD MLB® OFFICIAL SIZE FOUR-SIDED PROFESSIONAL PITCHING RUBBER PER LANE, SEE PLANS.
11. SOFTBALL DOUBLE FIRST BASE- HOLLYWOOD IMPACT® DOUBLE FIRST BASE SET WITH CORRESPONDING GROUND ANCHOR MOUNTS AND PLUGS (SHBD).
12. HITTING TUNNEL - TRIPLE TENSION BASEBALL BATTING TUNNEL BY SPORTSFIELD SPECIALTIES, BRIAN JAEGER, (607) 267-3621, brian.jaeger@sportsfield.com. PESBT STAMPED AND SEALED DRAWINGS AND CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER FOR GROUND SLEEVE INSERT BATTING TUNNEL, STRUCTURAL DESIGN DETAILS AND CONCRETE ANCHORING FOUNDATION BASED ON LOCAL BUILDING CODES AND SOIL CONDITIONS. CUSTOMER TO PROVIDE REQUIRED SOILS REPORT INFORMATION.(HITTING TUNNEL TURF TO MATCH INFIELD TURF. OWNER TO PROVIDE PITCHING AND BATTING MATS AS DESIRED.)
13. BACKSTOP NETTING SEE SPECIFICATIONS
14. PADDING - SEE SPECIFICATIONS

EQUIPMENT NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY AND PROVIDING ALL LABOR AND EQUIPMENT NEEDED TO RECEIVE, UNLOAD, ASSEMBLE, HANDLE, AND INSTALL SITE EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
2. INSPECT PRODUCTS ON DELIVERY TO DETERMINE COMPLIANCE WITH THE CONTRACT DOCUMENTS AND TO DETERMINE THAT PRODUCTS ARE UNDAMAGED AND PROPERLY PROTECTED. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING, REPORTING, AND/OR REJECTING DAMAGED EQUIPMENT TO THE MANUFACTURER'S SATISFACTION TO ENSURE TIMELY REPAIR/REPLACEMENT AT NO COST TO THE OWNER.
3. CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EQUIPMENT FROM ANY/ALL DAMAGE, SOILING AND DETERIORATION FROM RECEIPT OF DELIVERY UNTIL SUBSTANTIAL COMPLETION. COMPLY WITH PRODUCT MANUFACTURER'S WRITTEN INSTRUCTION FOR TEMPERATURE, HUMIDITY, VENTILATION, AND WEATHER-PROTECTION REQUIREMENTS FOR STORAGE.
4. CONTRACTOR IS RESPONSIBLE TO REMEDY ALL DAMAGE TO EQUIPMENT PROVIDED UNDER THIS CONTRACT THROUGH REPLACEMENT OR REPAIR TO THE OWNER'S SATISFACTION AT NO COST TO THE OWNER.
5. NOMINAL TOUCH-UP OR REPAIR OF PAINTED FINISHES IS PERMITTED IF (A) DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES AND MATERIALS (B) WILL NOT VOID ANY MANUFACTURER WARRANTY. THE RESULTANT REPAIRS SHALL APPEAR TO BE AS LIKE NEW CONDITION AS APPROVED BY THE LANDSCAPE ARCHITECT/OWNER IN ACCEPTANCE OF THE WORK AT NO COST TO THE OWNER.

GENERAL NOTES:

1. ALL WORK WILL CONFORM TO ALL LOCAL, COUNTY AND STATE CODES AND REGULATIONS. OBTAIN ALL PERMITS, LICENSES, ETC. REQUIRED FOR EXECUTION OF WORK.
2. LAYOUT WORK AND VERIFY ALL DIMENSIONS PRIOR TO ACTUAL CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BEFORE CONTINUING WORK. CONTRACTOR RESPONSIBLE FOR STAKING SITE LAYOUT, GRADES, AND LIMIT OF WORK. THE WORK SHALL BE PERFORMED/STAKED BY A LICENSED SURVEYOR.
3. CONDUCT ALL OPERATIONS TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING VEGETATION AND STRUCTURES TO REMAIN.
4. CLEAN-UP, REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS, WASTE AND EXCESS CONSTRUCTION MATERIALS FOLLOWING COMPLETION AND LEAVE NEAT, CLEAN READY FOR OWNER'S USE.
5. ANY VARIATION FROM DRAWINGS OR SUBSTITUTIONS IN MATERIALS WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT ONLY.
6. THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.
7. CHECK DIMENSIONS GIVEN ARE FOR FIELD VERIFICATION OF LAYOUT. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
8. CONSTRUCTION SAFETY - THE PRESENCE OF THE LANDSCAPE ARCHITECT, ITS EMPLOYEES, OR CONSULTANTS AT THE PROJECT SITE SHALL NOT BE DEEMED AN ASSUMPTION BY THE LANDSCAPE ARCHITECT OF ANY OBLIGATIONS, DUTIES, OR RESPONSIBILITIES FOR SAFETY, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MEANS, METHODS, SEQUENCES, TECHNIQUES, OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING, OR COORDINATING THE WORK OF THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS OR REGULATORY HEALTH OR SAFETY REQUIREMENTS. IF ANY, THE LANDSCAPE ARCHITECT, ITS EMPLOYEES, AND CONSULTANTS HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR, ITS EMPLOYEES, OR SUBCONTRACTORS IN CONNECTION WITH THEIR WORK OR HEALTH AND SAFETY PROGRAMS AND PROCEDURES.



1 SP1.0 MATERIAL AND LAYOUT PLAN
Scale: 1" = 30'-0"

0 30 60 90 FT

BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDEN, ALABAMA 35903

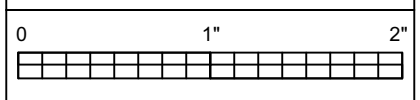


SHEET TITLE:
MATERIAL AND LAYOUT
PLAN

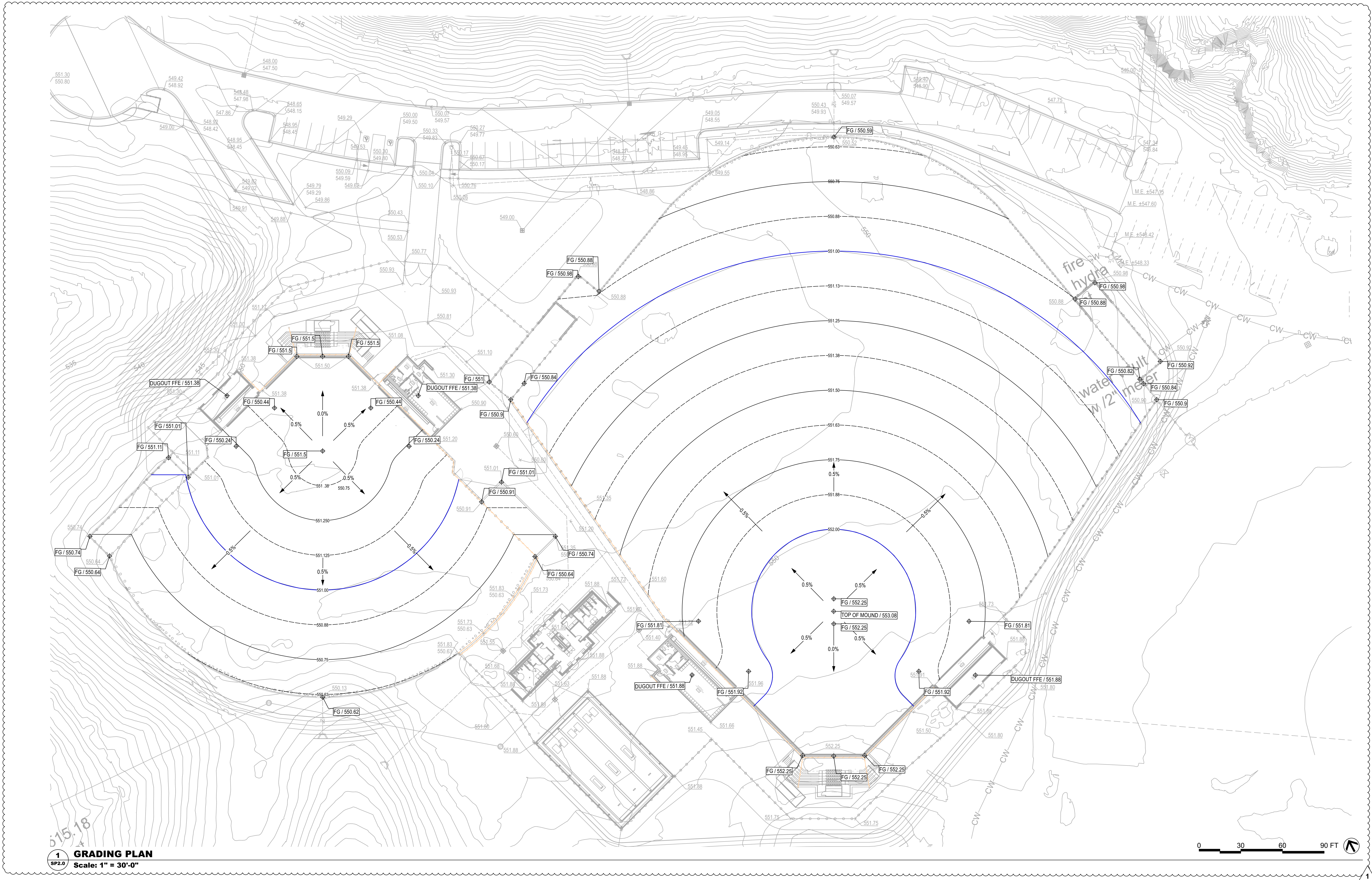
PROJ. MGR.: R. LATHAN
DRAWN: DMW
DATE: 10/24/23
REVISIONS
11/10/23 - ADD #1

JOB NO. 23-66
SHEET NO.

SP1.0



- SITES GRADING NOTES:**
1. CONTRACTOR TO GRADE SITE AS SHOWN. UNSUITABLE MATERIAL TO BE REMOVED FROM SITE. IMPORT SUITABLE MATERIAL AS REQUIRED.
 2. TEMPORARY WATTLE TO BE INSTALLED AROUND EACH STORM SEWER INLET IN A MANNER THAT WILL INSURE NO MUD, SILT, OR DEBRIS WILL FLOW THROUGH STORM SEWER SYSTEM. THESE EROSION AND SEDIMENTATION CONTROLS SHALL BE IN PLACE AND MAINTAINED UNTIL INSTALLATION OF SOD OR UNTIL COMPLETION OF PLANTING AND MULCHING.
 3. SHOULD ANY MUD, SILT, OR DEBRIS BE WASHED ON OR IN TO ANY ADJACENT PROPERTY, STREET OR STORM SEWER, CONTRACTOR IS TO REMOVE SUCH AT ONCE.
 4. ALL CONSTRUCTION MATERIALS STORED ON SITE THAT MAY CONTAIN POLLUTANTS, SHALL BE STORED IN COVERED AREAS THAT WILL NOT ALLOW POLLUTANTS TO ESCAPE. ALL SUCH MATERIAL SHALL BE REMOVED FROM SITE AT THE END OF CONSTRUCTION AND BE DISPOSED OF ACCORDING TO APPLICABLE ORDINANCES.
 5. CONTRACTOR RESPONSIBLE TO FINE GRADE SUCH THAT POSITIVE DRAINAGE IS MAINTAINED ON ALL SURFACES AT ALL TIMES.
 6. CONTRACTOR SHALL MAINTAIN "BEST MANAGEMENT PRACTICES" AND ADHERE TO RECOMMENDATIONS AS OUTLINED IN U.S. DEPARTMENT OF TRANSPORTATION REPORT NO. FHWA-FL-94-006 "BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL".



BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDEN, ALABAMA 35903

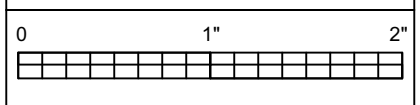


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GRADING PLAN

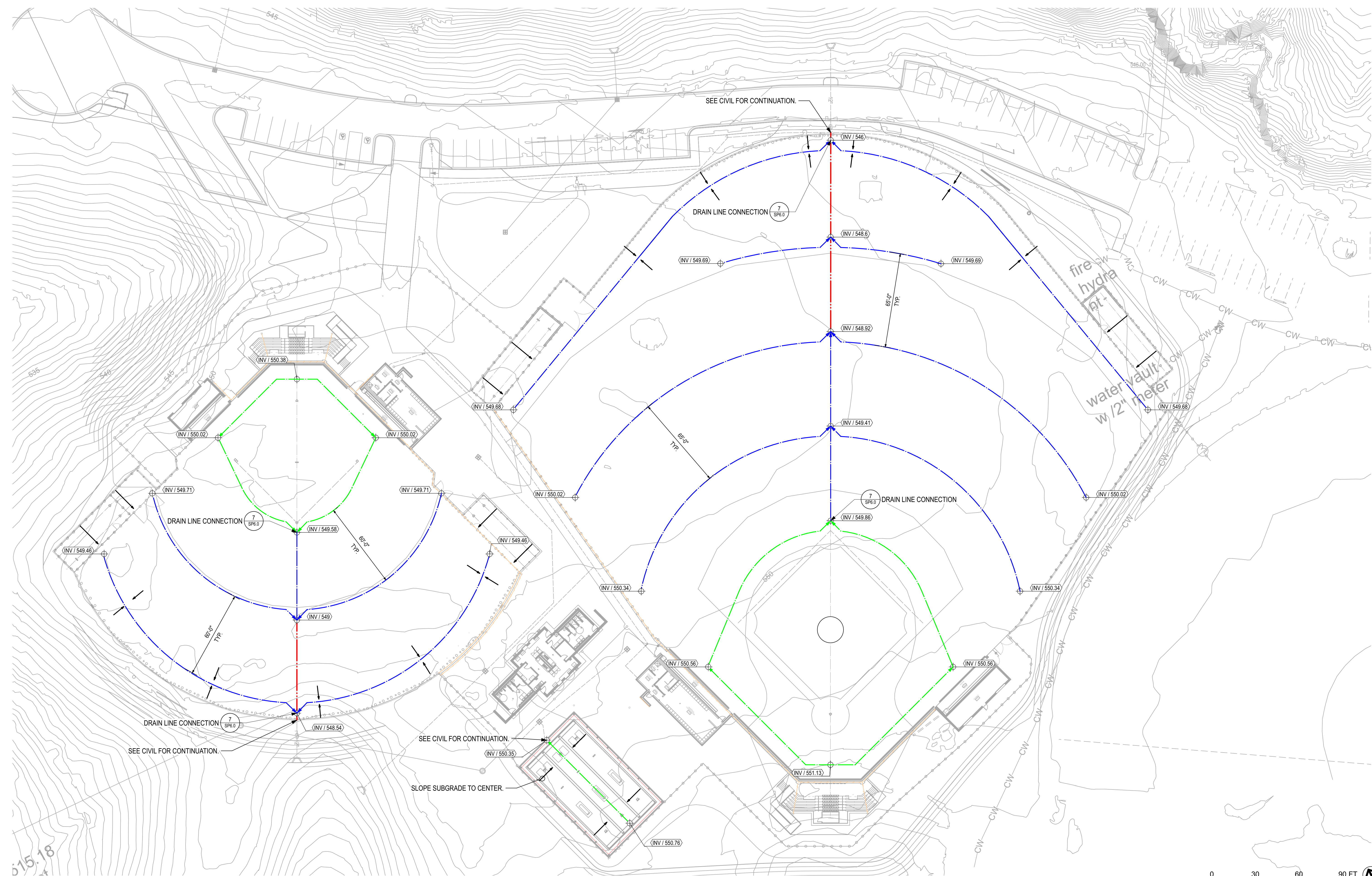
PROJ. MGR.: R. LATHAN
DRAWN: DMW
DATE: 10/24/23
REVISIONS
11/10/23 - ADD #1

JOB NO. 23-66

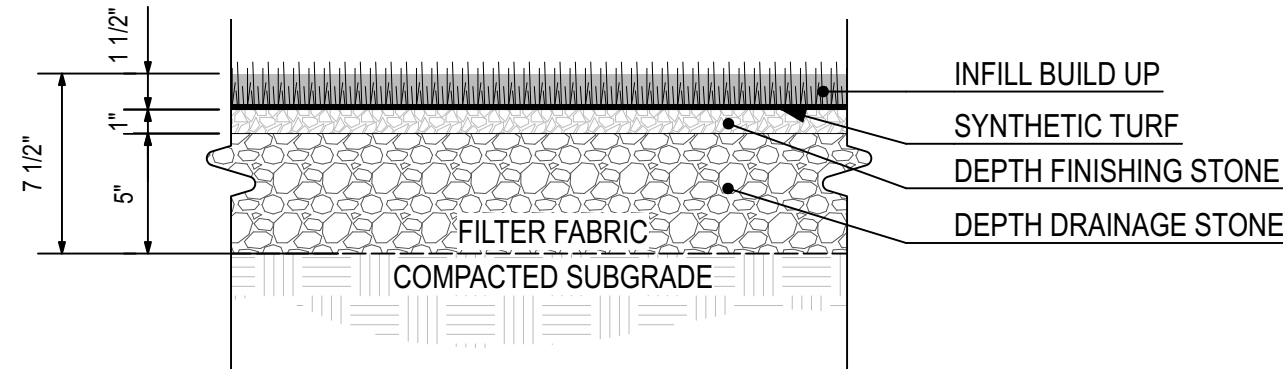
SHEET NO.
SP2.0



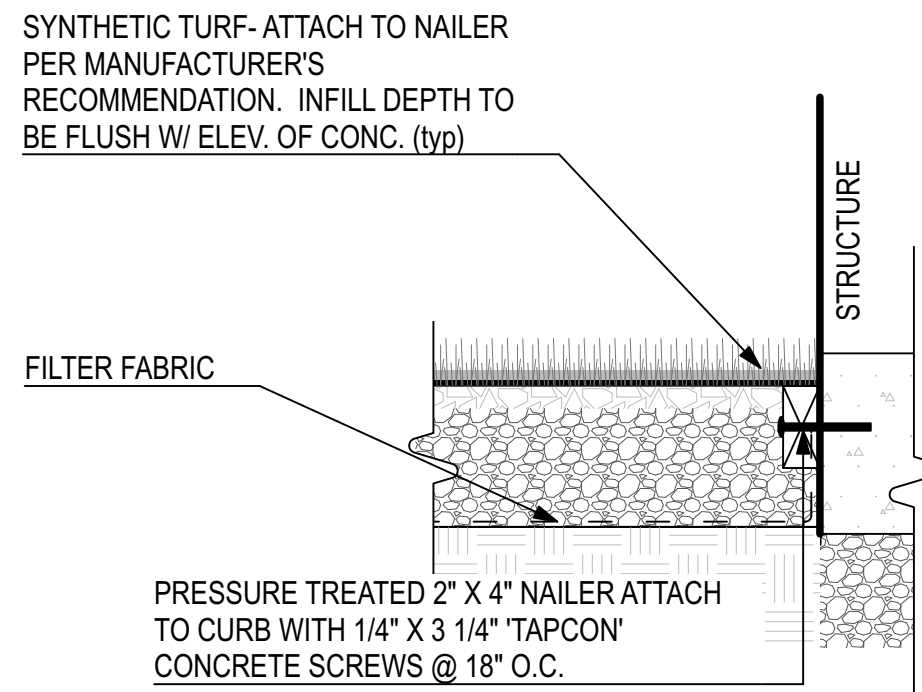
DRAIN LINES @ MIN. 0.5% SLOPE
12" DIA ADS, N-12 PERF
8" DIA ADS, N-12 PERF
6" DIA ADS, N-12 PERF
12" DIA ADS, N-12 SOLID



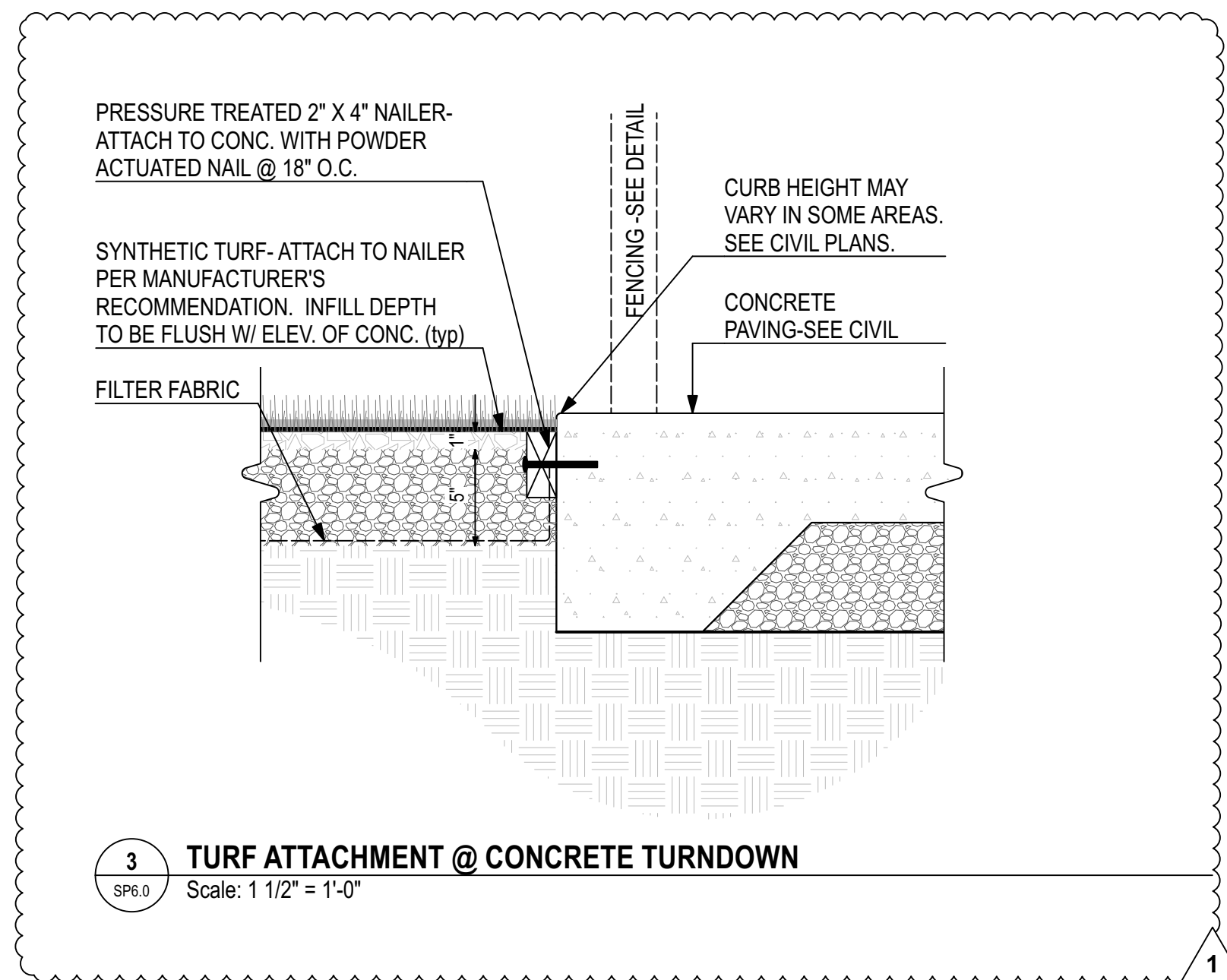
1
SP3.0
DRAINAGE PLAN
Scale: 1" = 30'-0"



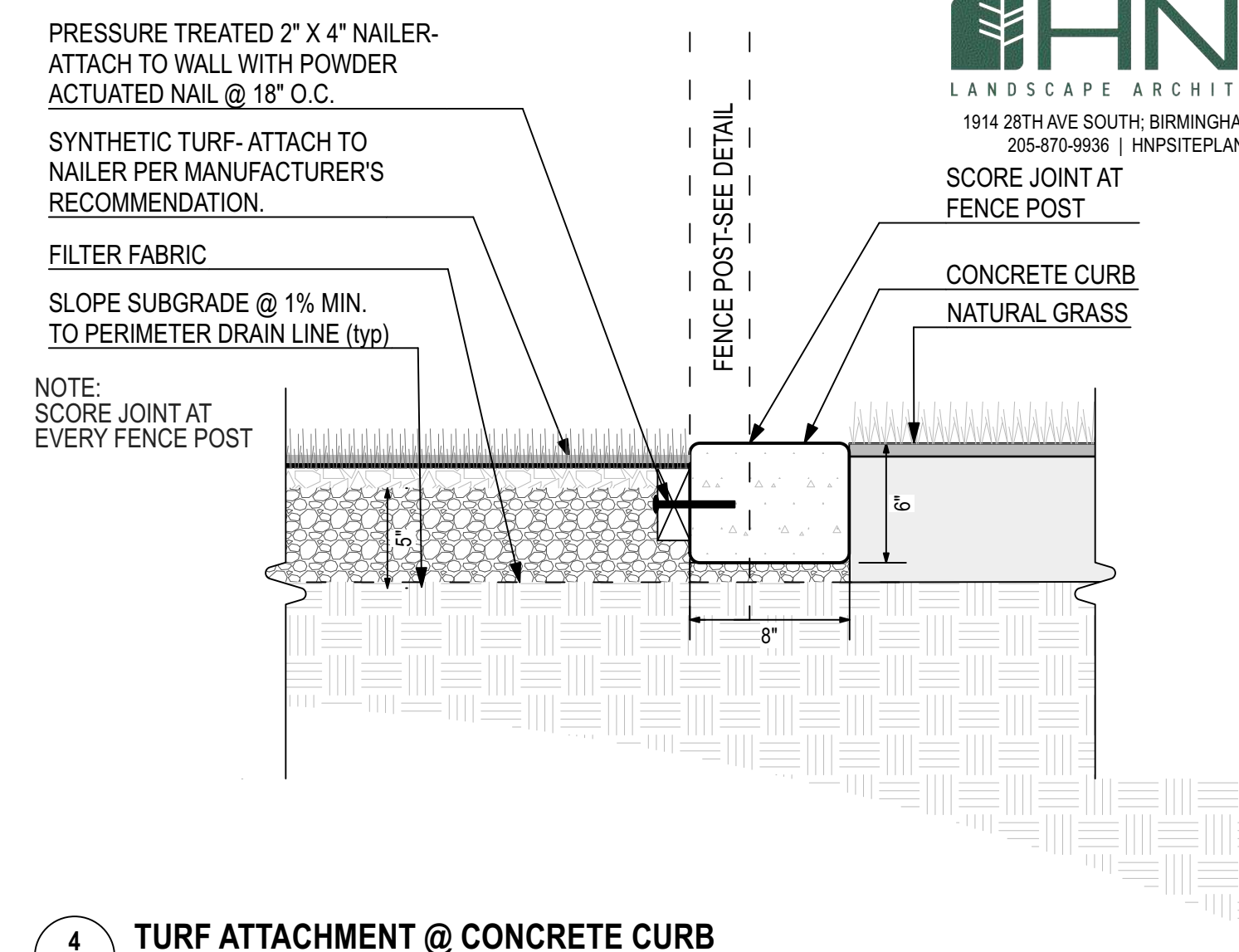
1 SYNTHETIC TURF PROFILE
Scale: 1 1/2" = 1'-0"



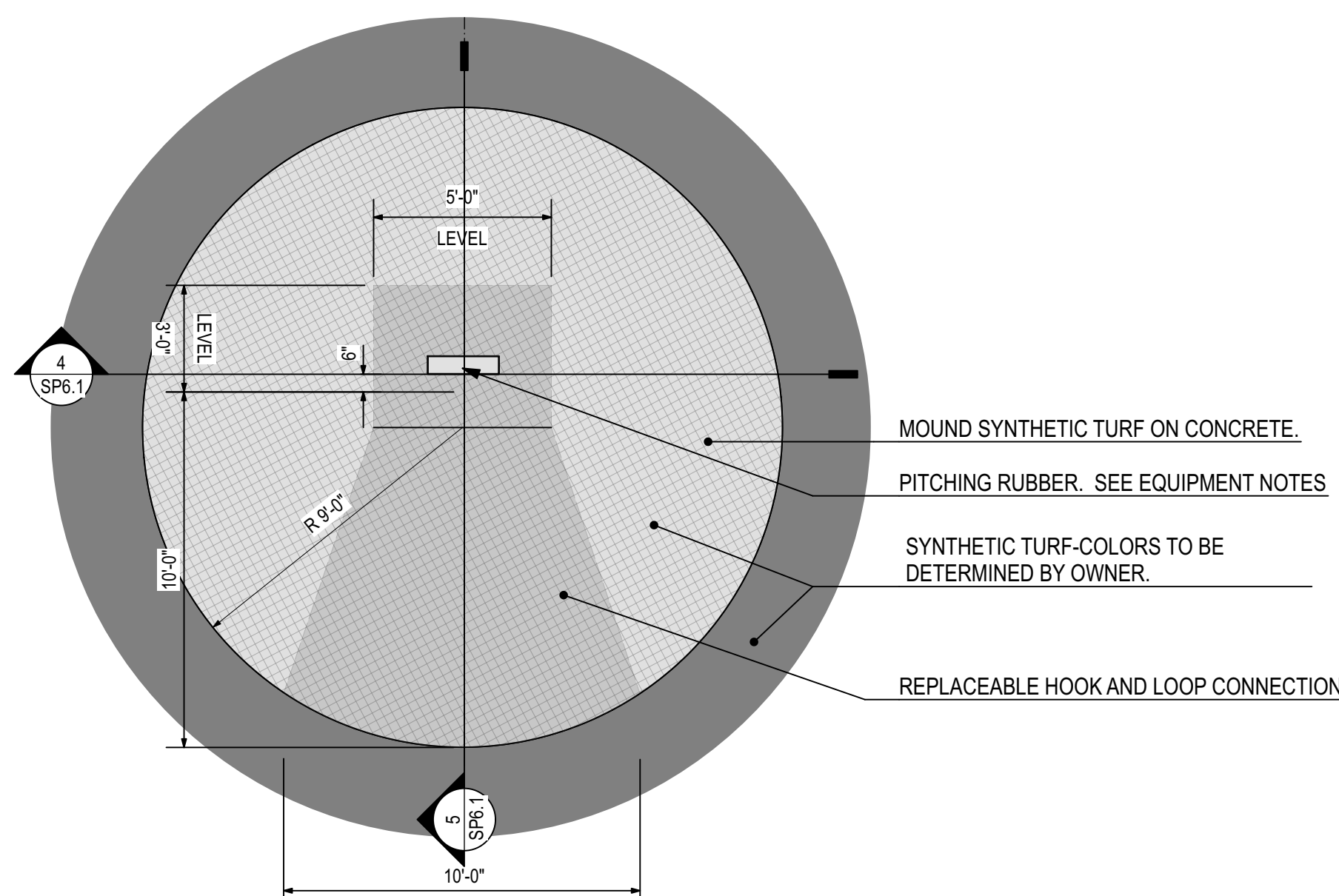
2 TURF ATTACHMENT @ STRUCTURE
Scale: 1 1/2" = 1'-0"



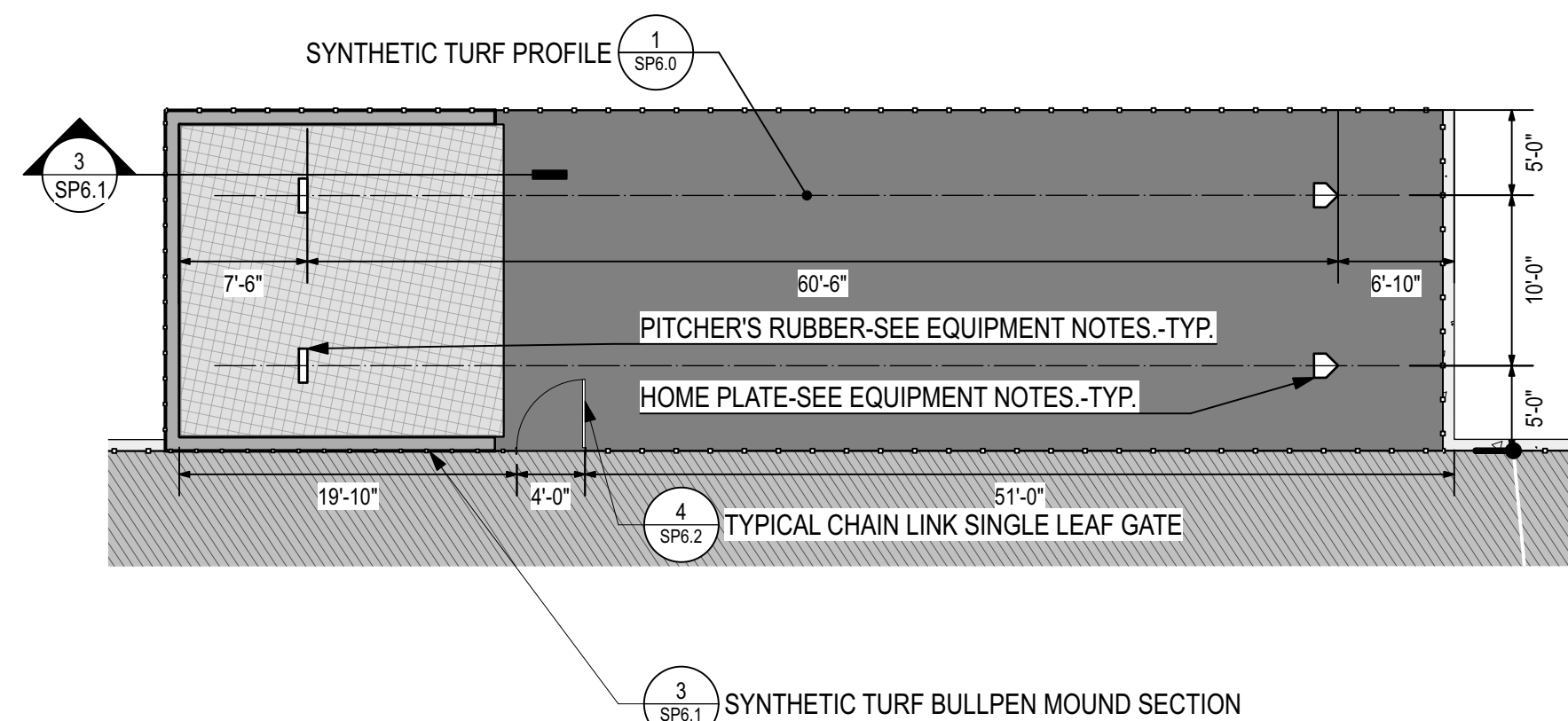
3 TURF ATTACHMENT @ CONCRETE TURNDOWN
Scale: 1 1/2" = 1'-0"



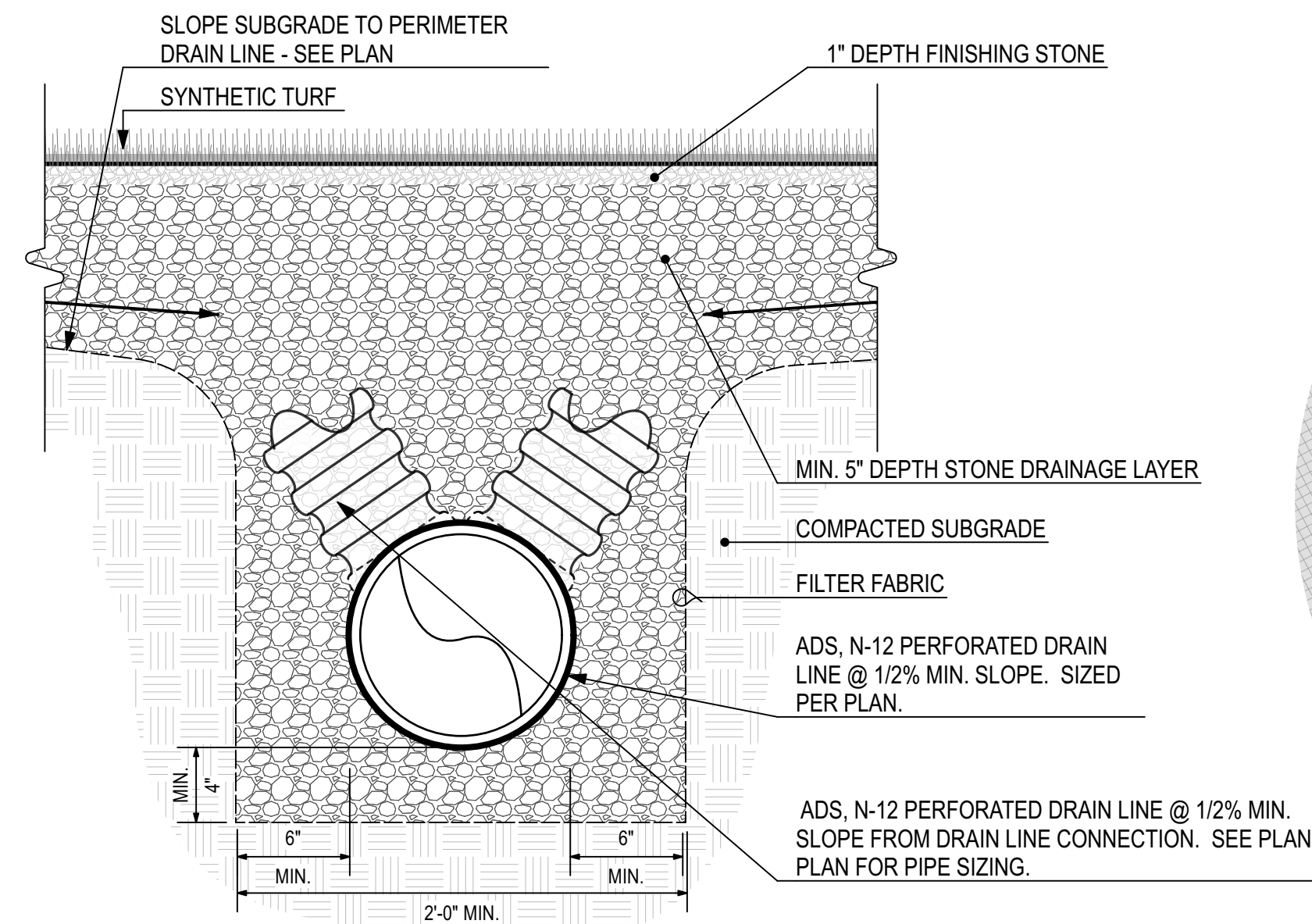
4 TURF ATTACHMENT @ CONCRETE CURB
Scale: 1 1/2" = 1'-0"



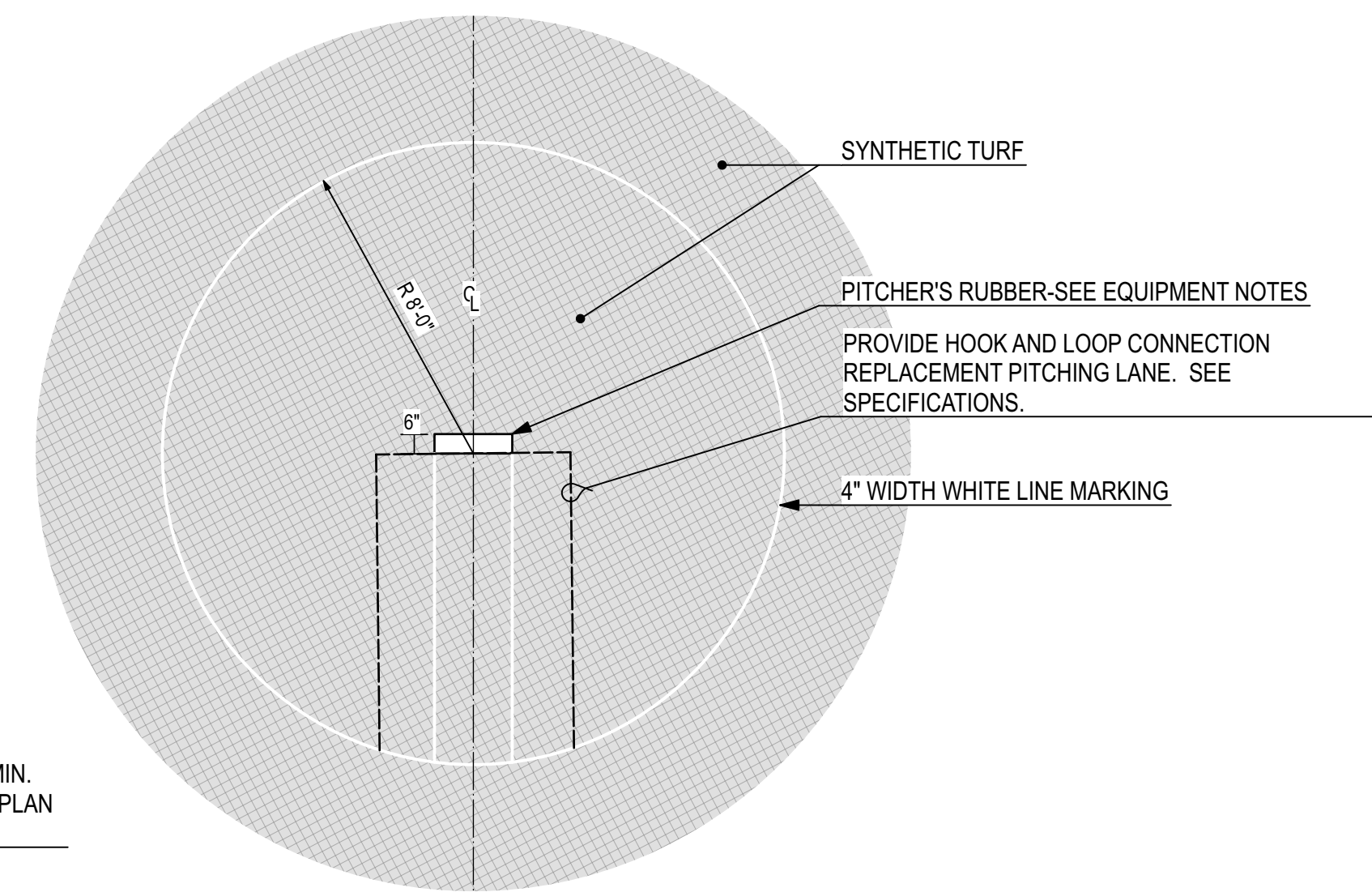
5 TYP. PITCHER'S MOUND - BASEBALL
Scale: 1/4" = 1'-0"



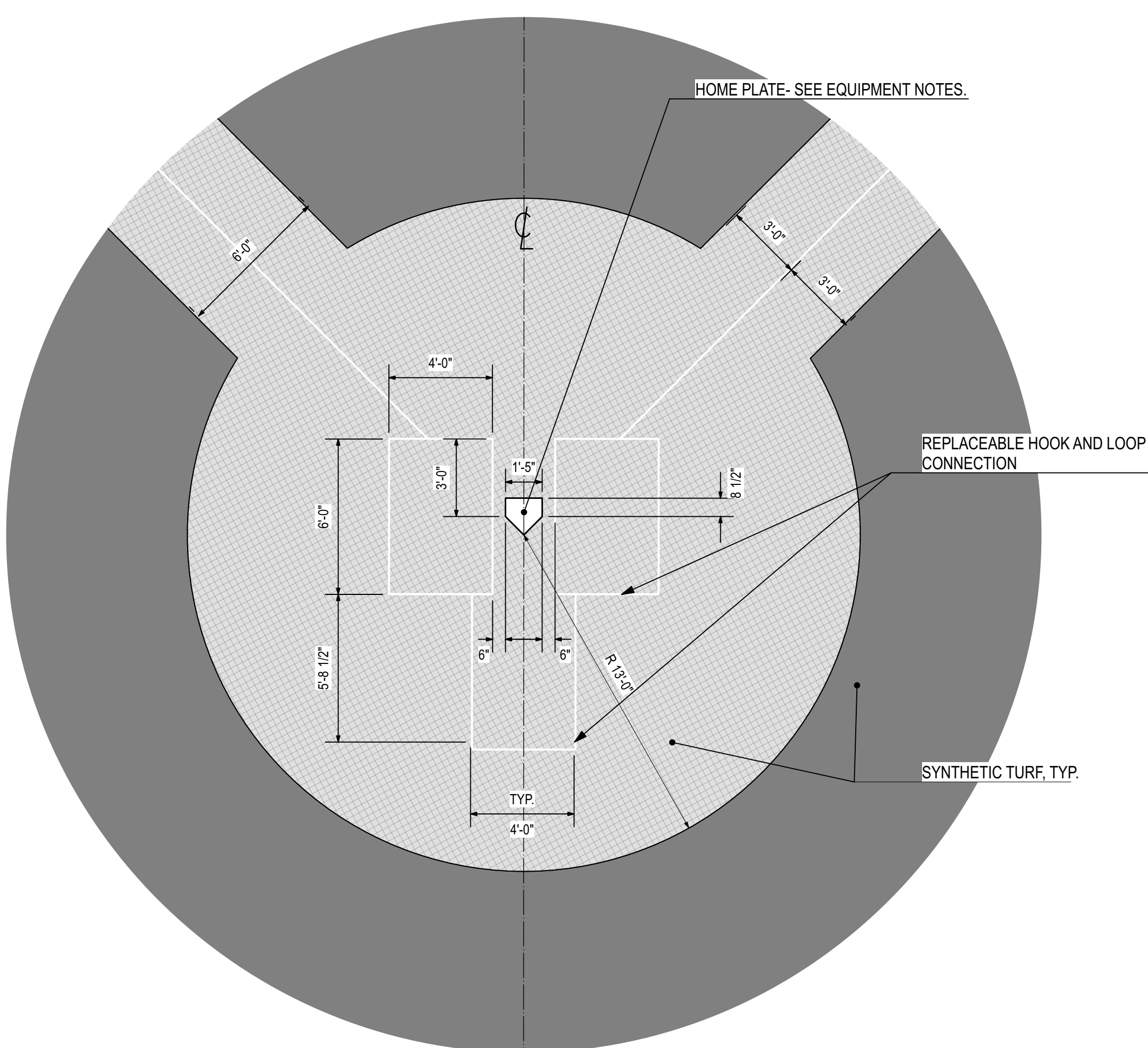
6 VISITOR BULLPEN ENLARGEMENT-BASEBALL
Scale: 1" = 10'-0"



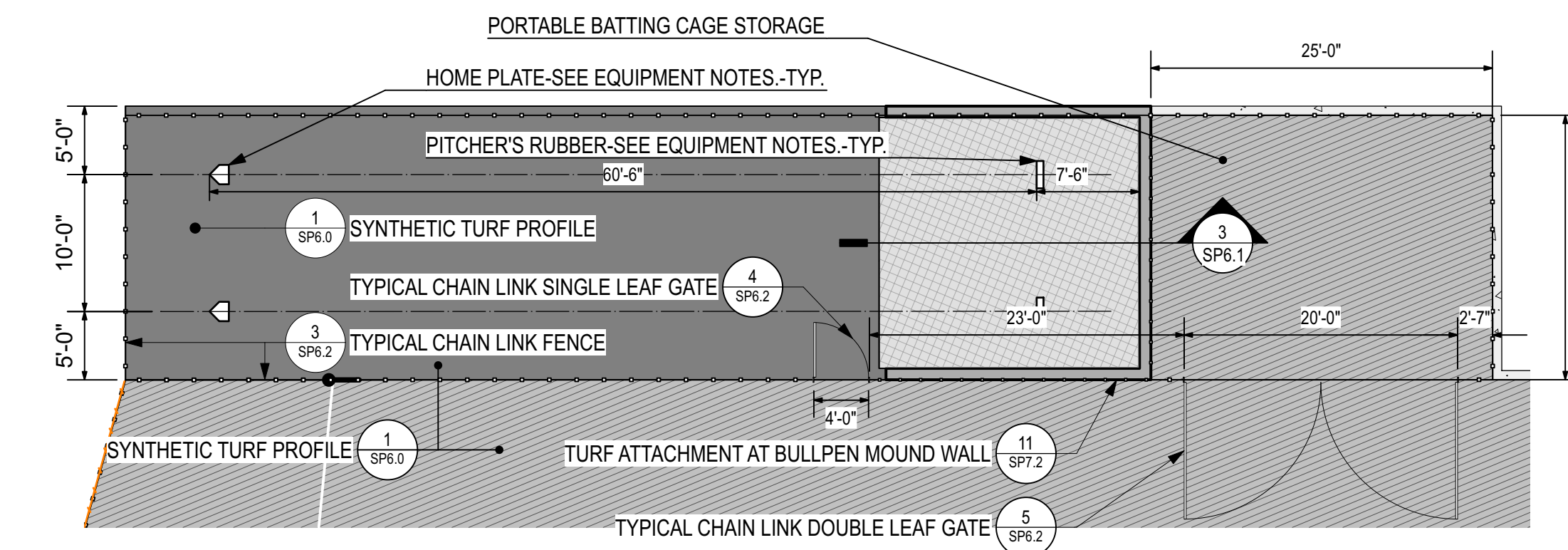
7 DRAIN LINE CONNECTION
Scale: 1 1/2" = 1'-0"



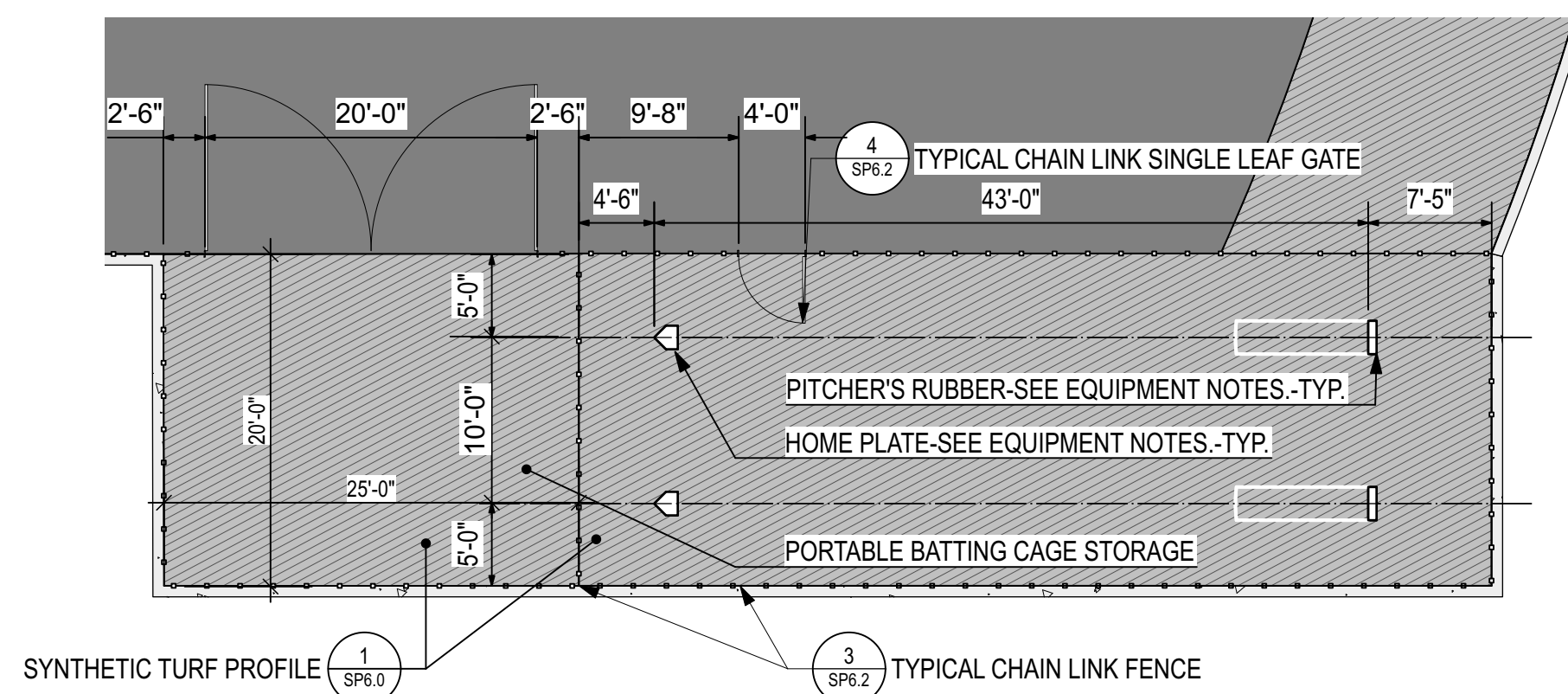
8 TYP. PITCHER'S CIRCLE - SOFTBALL
Scale: 1/4" = 1'-0"



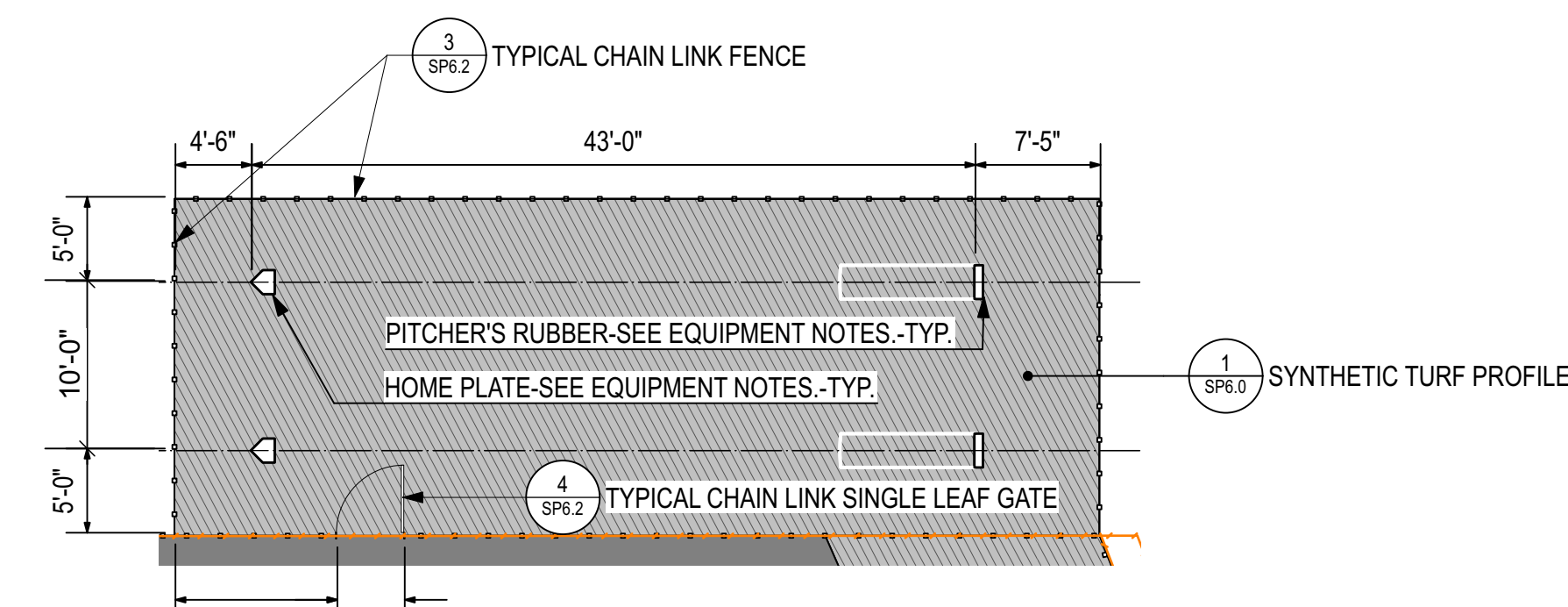
9 TYP. BATTER'S/CATCHER'S BOX ENLARGEMENT - BASEBALL
Scale: 1/4" = 1'-0"



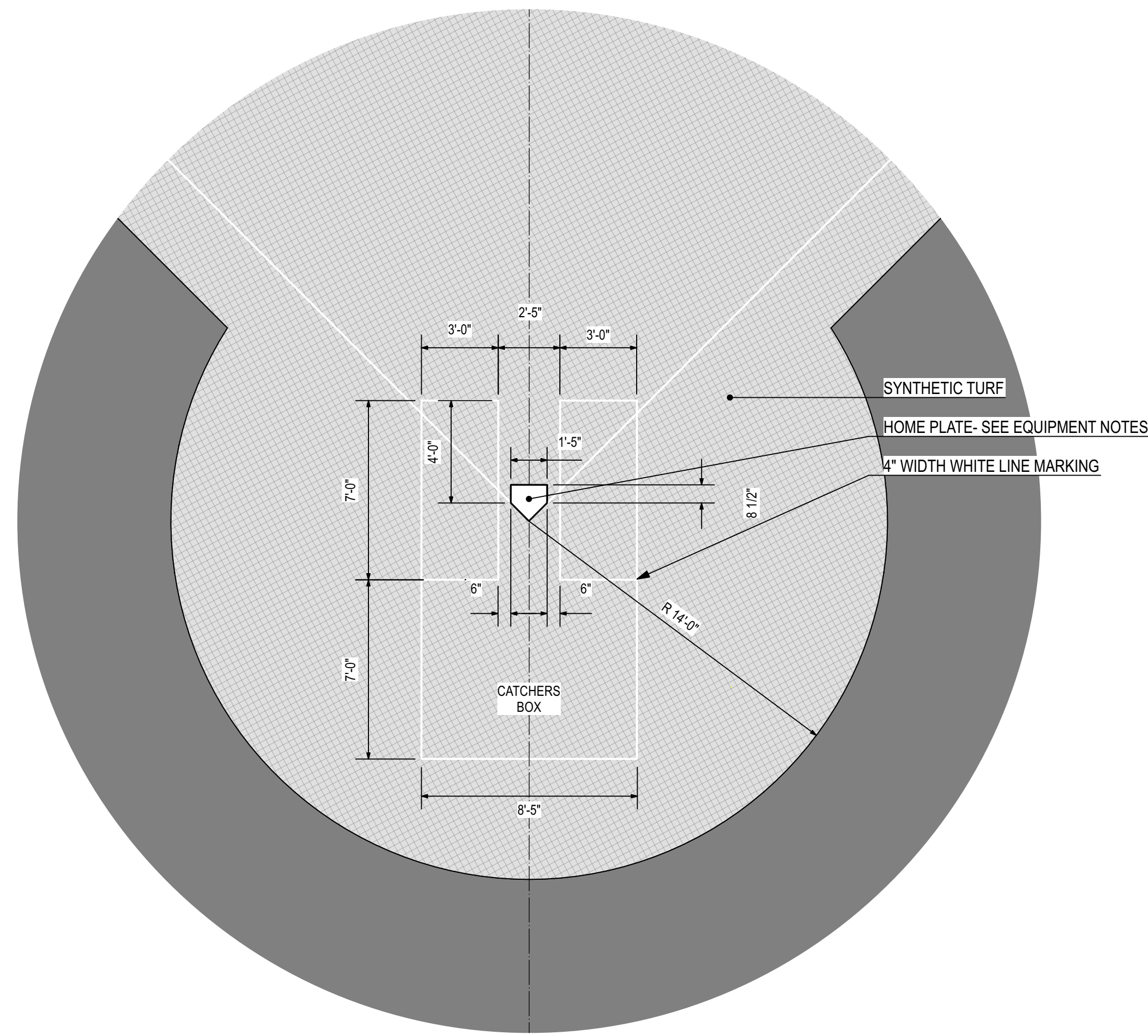
10 HOME BULLPEN/ STORAGE ENLARGEMENT-BASEBALL
Scale: 1" = 10'-0"



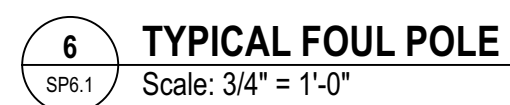
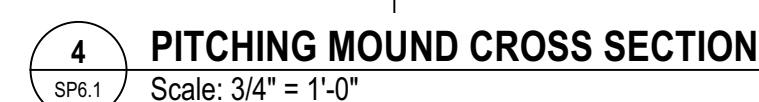
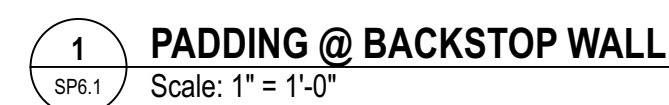
11 VISITOR BULLPEN/ STORAGE ENLARGEMENT-SOFTBALL
Scale: 1" = 10'-0"



12 HOME BULLPEN ENLARGEMENT-SOFTBALL
Scale: 1" = 10'-0"

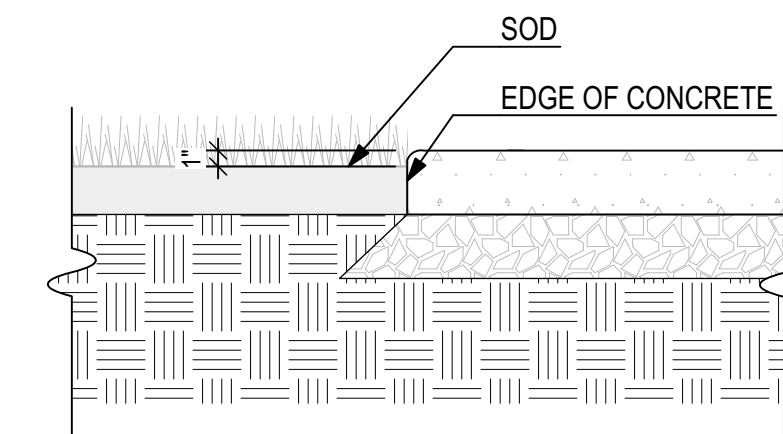


13 TYP. BATTER'S/CATCHER'S BOX ENLARGEMENT - SOFTBALL
Scale: 1/4" = 1'-0"

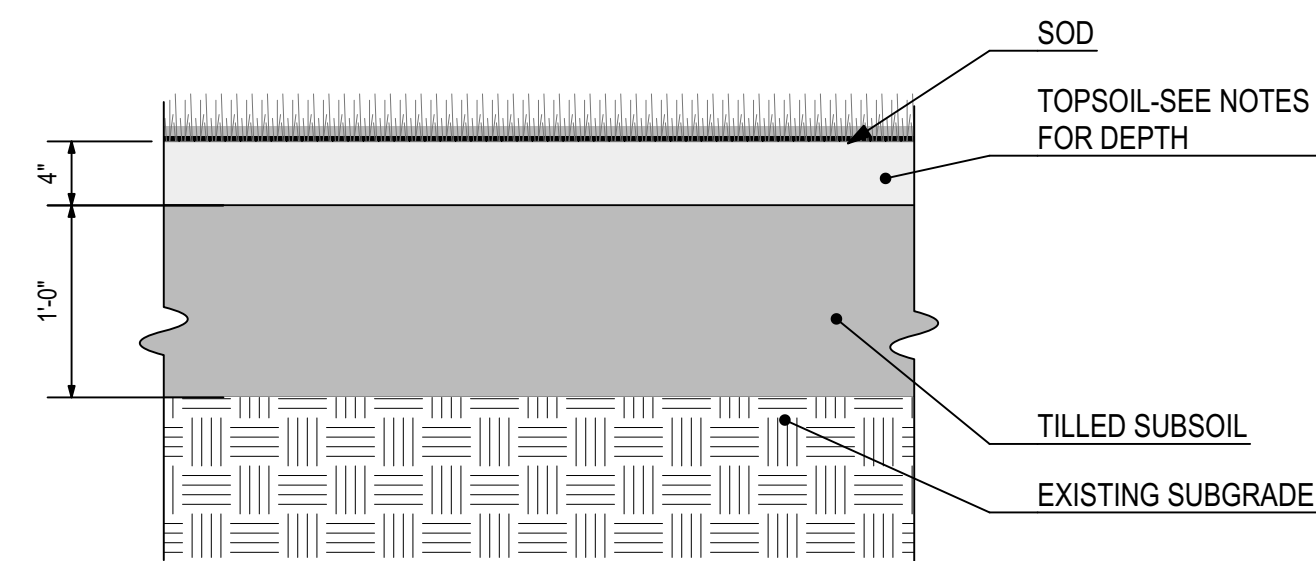


PLANTING NOTES

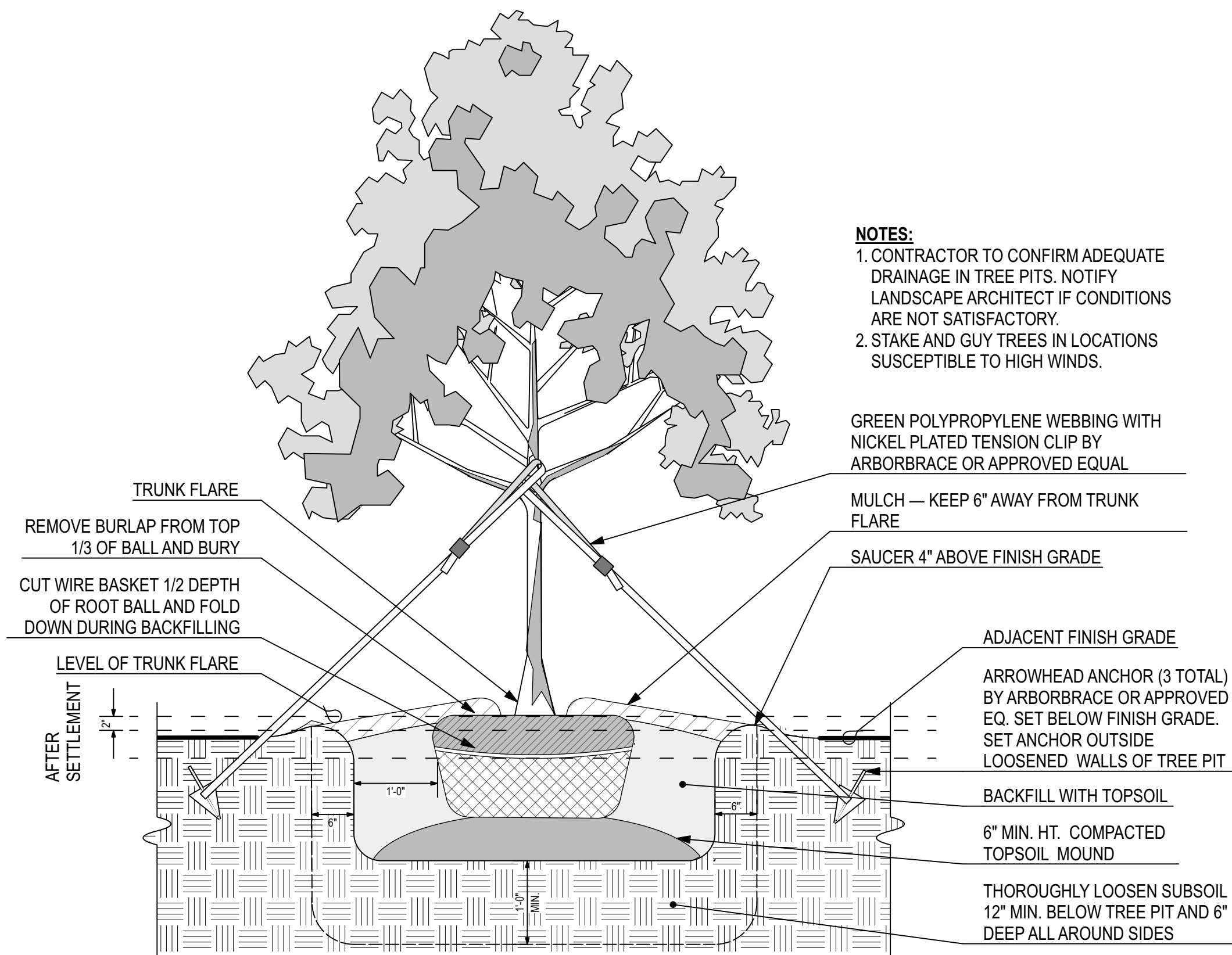
- CONTRACTOR TO VERIFY ALL PLANT MATERIAL QUANTITIES AND PLANTING AREA DIMENSIONS PRIOR TO BEGINNING PLANTING. PROVIDE QUANTITIES AS REQUIRED TO MEET DRAWN DESIGN INTENT. IF DISCREPANCIES BETWEEN PLANS, DETAILS AND SCHEDULE EXIST, CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY. SEE PLANTING NOTES.
INTENT OF LANDSCAPE PLANS IS TO REQUIRE CONTRACTOR TO PROVIDE AND INSTALL PLANTING, SEED, SOD, OR MULCH ON ALL DISTURBED AREAS. IF DISTURBANCE AND/ OR INTENT IS UNCLEAR, VERIFY WITH LANDSCAPE ARCHITECT PRIOR TO BIDDING. DUE TO MODIFICATIONS MADE DURING CONSTRUCTION, SITE CONDITIONS MAY VARY FROM THOSE SHOWN. PRIOR TO COMMENCING WORK, CONTRACTOR TO VERIFY ALL SUCH CONDITIONS TO HIS SATISFACTION. NO CHANGE IN CONTRACT PRICE WILL BE GRANTED FOR FAILURE TO OBSERVE EITHER OF THESE REQUIREMENTS.
GRAFTED PLANT MATERIAL IS NOT ACCEPTABLE.
PLANT MATERIAL EXHIBITING LICHEN OR OTHER EVIDENCE OF DISEASE IS NOT ACCEPTABLE AND WILL BE REJECTED.
THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.
REMOVE BASE MATERIAL, ROCKS, DEBRIS, ETC. FROM PLANTING AREAS BEFORE PLANTING OPERATIONS BEGIN.
- NO PLANT MATERIAL SHALL BE SET WITH ROOT CROWN LOWER THAN SURROUNDING GRADE. SET TREES WITH ROOT CROWN 2" - 4" ABOVE SURROUNDING GRADE; SET SHRUBS WITH ROOT CROWN 1" - 2" ABOVE SURROUNDING GRADE.
- FLAG ALL TREE LOCATIONS AND PAINT BED LINES FOR LANDSCAPE ARCHITECT'S ON-SITE REVIEW AND APPROVAL PRIOR TO BEGINNING PLANTING OPERATIONS.
- ALL SHRUB AREA SHALL RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 8". ALL SODDED AREAS SHALL RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 4", UNLESS DIRECTED OTHERWISE.
- FERTILIZATION SCHEDULE: AMEND PLANTING MIX OF EACH PLANT WITH FERTILIZER AS FOLLOWS:
#1 POT - 1/4 CUP 6-12-12 OR 5-10-10
#2 POT - 1/2 CUP 6-12-12 OR 5-10-10
#3 POT - 3/4 CUP 6-12-12 OR 5-10-10
FLOWERING/SHADE TREE - 1 CUP PER 1/2" CAL. 6-12-12 OR 5-10-10
- ALL PLANTED AREAS SHALL RECEIVE PINE STRAW TO A DEPTH OF 3" AFTER SETTLEMENT. PLANTED SLOPES STEEPER THAN 3:1 SHALL RECEIVE PINE STRAW MULCH TO A DEPTH OF 3" AFTER SETTLEMENT.
- CLEANUP AT THE END OF THE PROJECT, THE CONTRACTOR SHALL PRESSURE WASH ALL CONCRETE SURFACE (I.E., CURB AND GUTTERS, SIDEWALKS, DRIVES, STORM SEWER BOXES, BRICK PAVERS, EXISTING BUILDING BRICK AND STONE, SPECIFICALLY EXISTING CONCRETE ABUTTING REQUIRED CONCRETE SURFACES WITHIN THE PROJECT AND ALL ADJACENT AREA(S) TO ELIMINATE STAINING FROM EARTHEN MATERIAL, CONSTRUCTION EQUIPMENT, OILS, PAINTS, ETC. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AT NO ADDITIONAL COSTS TO THE OWNER.



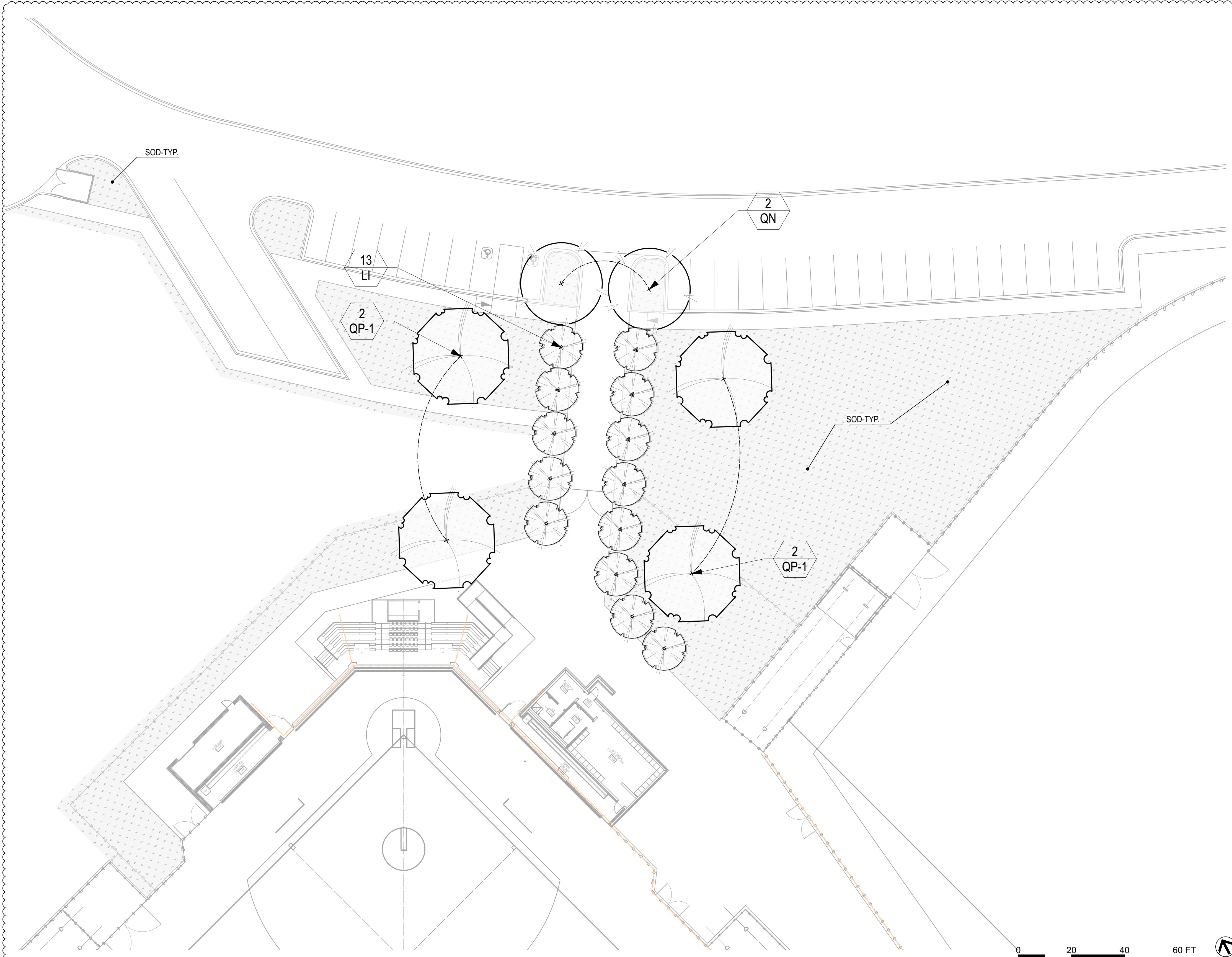
2 SOD AT EDGE OF CONCRETE
Scale: 1" = 1'-0"



3 SOD PLANTING
Scale: 1" = 1'-0"



4 B&B TREE PLANTING
Scale: 3/4" = 1'-0"

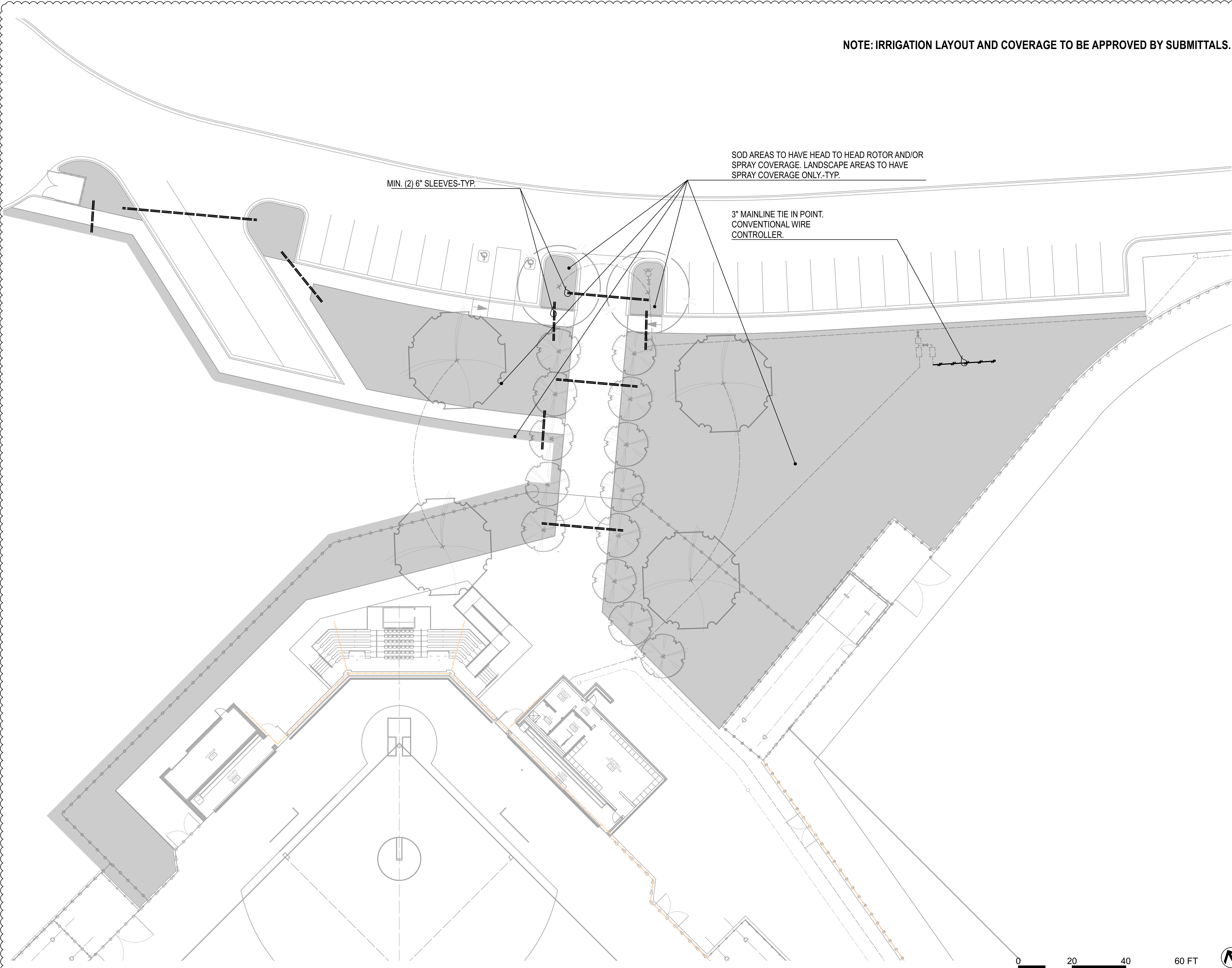


1 LANDSCAPE PLAN
Scale: 1" = 20'-0"

PLANT LEGEND

ID	Quantity	Botanical Name	Common Name	Root	Scheduled Size	Spacing	Comments
SHADE TREES							
QN	2	Quercus nuttallii	Nuttall Oak	B&B	3"-3.5" cal.	AS SHOWN	Strong central leader
QP-1	4	Quercus phellos	Willow Oak	B&B	3"-3.5" cal.	AS SHOWN	Strong central leader
UNDERSTORY TREES							
LI	13	Lagerstroemia indica 'Natchez'	Lagerstroemia indica 'Natchez'	B&B	B&B	8'-10' ht.	Matched; 3-trunk min.; min. 1 1/4" cal. per trunk

NOTE: IRRIGATION LAYOUT AND COVERAGE TO BE APPROVED BY SUBMITTALS.



1
L8.0
IRRIGATION COVERAGE PLAN
Scale: 1" = 20'-0"

IRRIGATION NOTES

1. ALL WORK WILL CONFORM TO LOCAL, STATE AND FEDERAL CODES AND REGULATIONS. OBTAIN ALL PERMITS, LICENSES, ETC. REQUIRED FOR EXECUTION OF WORK.
2. DUE TO MODIFICATIONS MADE DURING CONSTRUCTION, SITE CONDITIONS MAY VARY FROM THOSE SHOWN. VERIFY ALL SUCH CONDITIONS AS WELL AS THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. NO CHANGE IN CONTRACT PRICE WILL BE GRANTED FOR FAILURE TO OBSERVE THIS REQUIREMENT.
3. CLEAN-UP AND DISPOSE OF OFF OWNER'S PROPERTY ALL DEBRIS, WASTE AND EXCESS CONSTRUCTION MATERIALS FOLLOWING COMPLETION AND LEAVE NEAT, CLEAN READY FOR OWNER'S USE.
4. LAY MAIN PIPE RUN TO A DEPTH OF 24" MINIMUM FROM FINISH GRADE AND LATERALS TO A DEPTH OF 18" MINIMUM.
5. PROVIDE ALL LABOR, MATERIALS, APPLIANCES, EQUIPMENT, SERVICES AND INCIDENTALS NECESSARY FOR FURNISHING, INSTALLING AND TESTING, COMPLETE AND READY FOR OPERATION, IN A MANNER SATISFACTORY TO THE OWNER, THE IRRIGATION SYSTEM REQUIRED BY THE DRAWINGS.
6. NO ROCKS, BOULDERS OR OTHER EXTRANEEOUS MATERIALS TO BE USED IN BACKFILLING OF TRENCH.
7. ALL PIPE TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
8. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
9. ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
10. SCHEDULE QUANTITIES ARE FOR REFERENCE AND BUDGET PRICING ONLY. CONTRACTOR TO VERIFY QUANTITIES REQUIRED FOR FINAL DESIGN AND IN-FIELD ADJUSTMENTS.
11. PROVIDE BALL VALVE ON SUPPLY SIDE OF ALL CONTROL VALVES.
12. DRIP AREAS SHOWN ARE DIAGRAMATIC FOR CLARITY. PLACE DRIP LINES IN FIELD TO ENSURE CONTINUOUS DRIP LINE IS PRESENT ON BOTH SIDES OF PLANT 3'-6" FROM STEM. SEE DETAIL.
13. GANG VALVES IN BOXES TO MINIMIZE QTY OF BOXES REQUIRED. CONCEAL BOXES IN PLANTING AREAS OR IN REMOTE PORTION OF LAWN.
14. RUN DRIP LINE PARALLEL TO CONTOURS. PROVIDE CONTINUOUS LOOP SYSTEM IN PLANTING AREAS. SEE DETAIL, TYP.
15. SPRINKLER AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS.
16. INSTALLER SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES BEFORE CONSTRUCTION.
17. LAYOUT IS DIAGRAMMATIC IN NATURE. INSTALLER SHALL NOTE ON PLANS, THE ACTUAL LOCATION OF PIPES, HEADS, VALVES, AND CONTROLLERS. THIS PLAN IS THEN TO BE GIVEN TO THE OWNER AS AN AS-BUILT DRAWING.
18. PROVIDE MAGNETIC DETECTABLE TRACER WIRE ABOVE ALL PIPE RUNS.

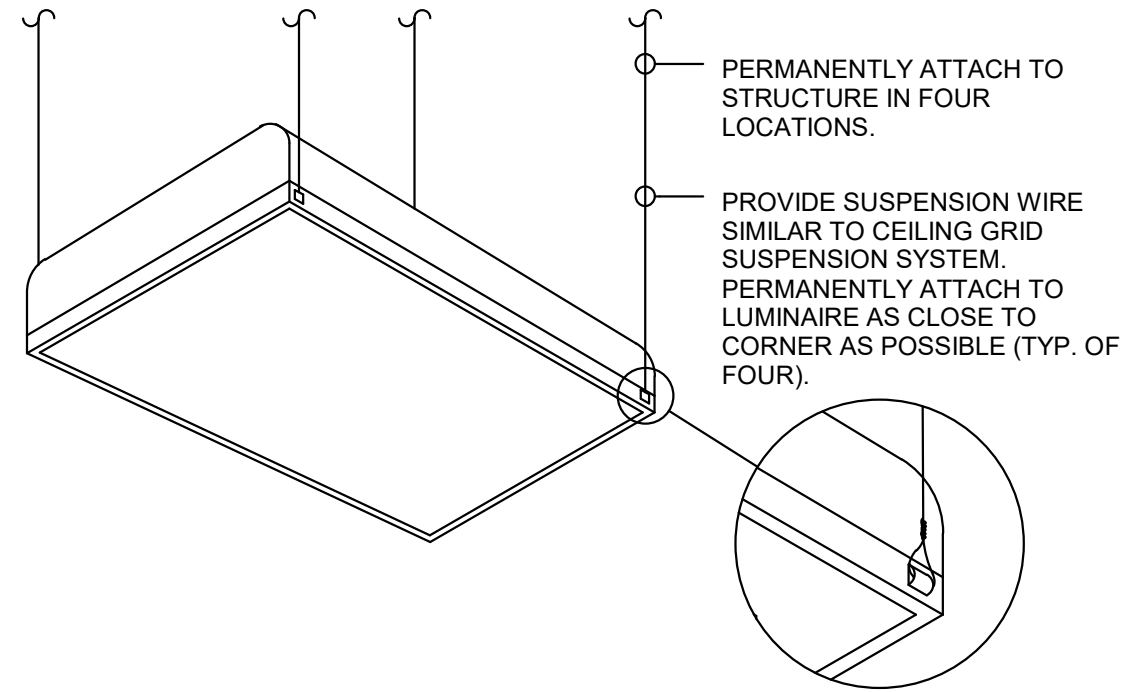
BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDEN, ALABAMA 35903



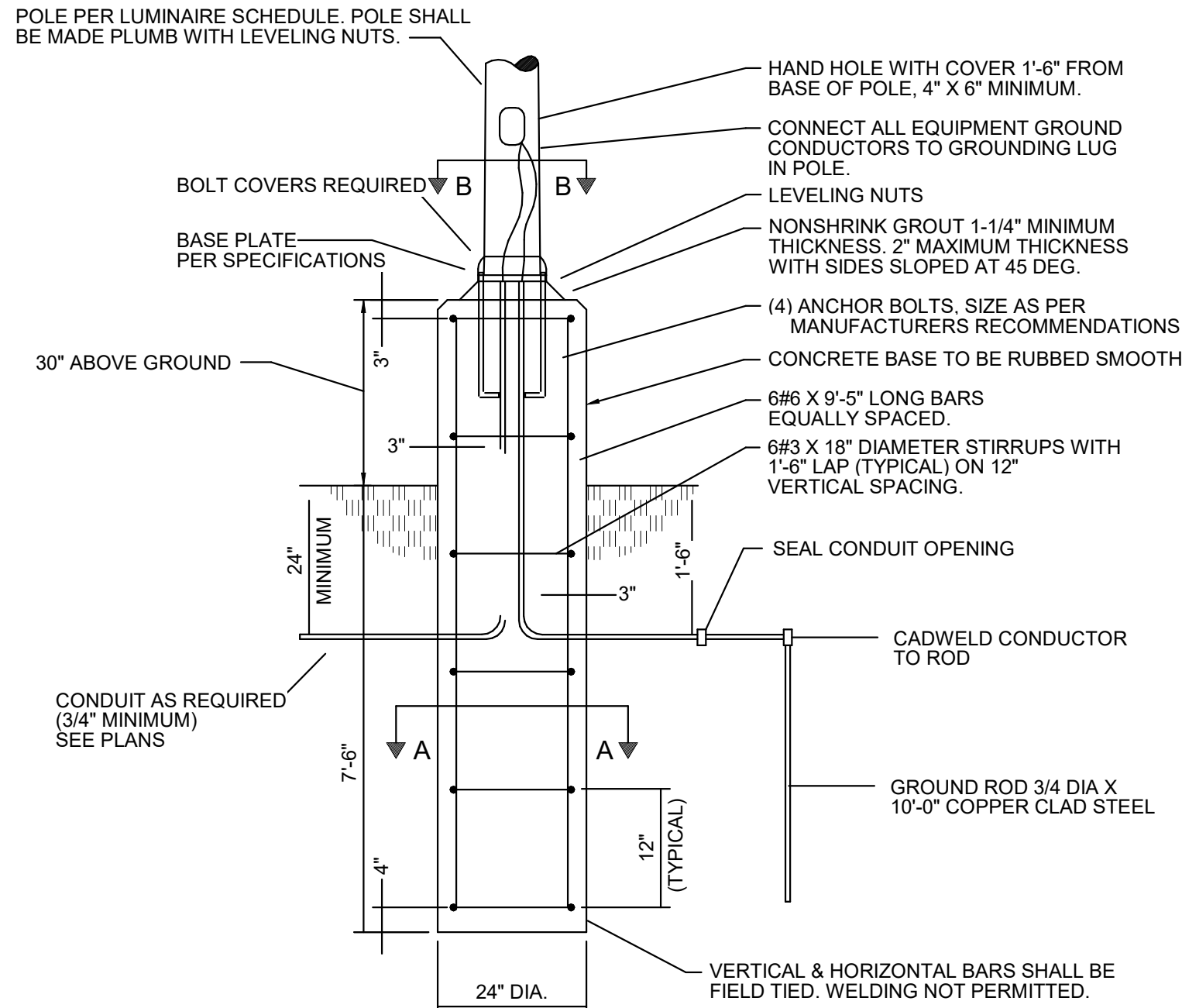
SHEET TITLE:
IRRIGATION PLAN

PROJ. MGR.:	R. LATHAN
DRAWN:	DMW
DATE:	10/24/23
REVISIONS	
1	11/10/23 - ADD #1

JOB NO.	23-66
SHEET NO.	L8.0
0	1" 2'



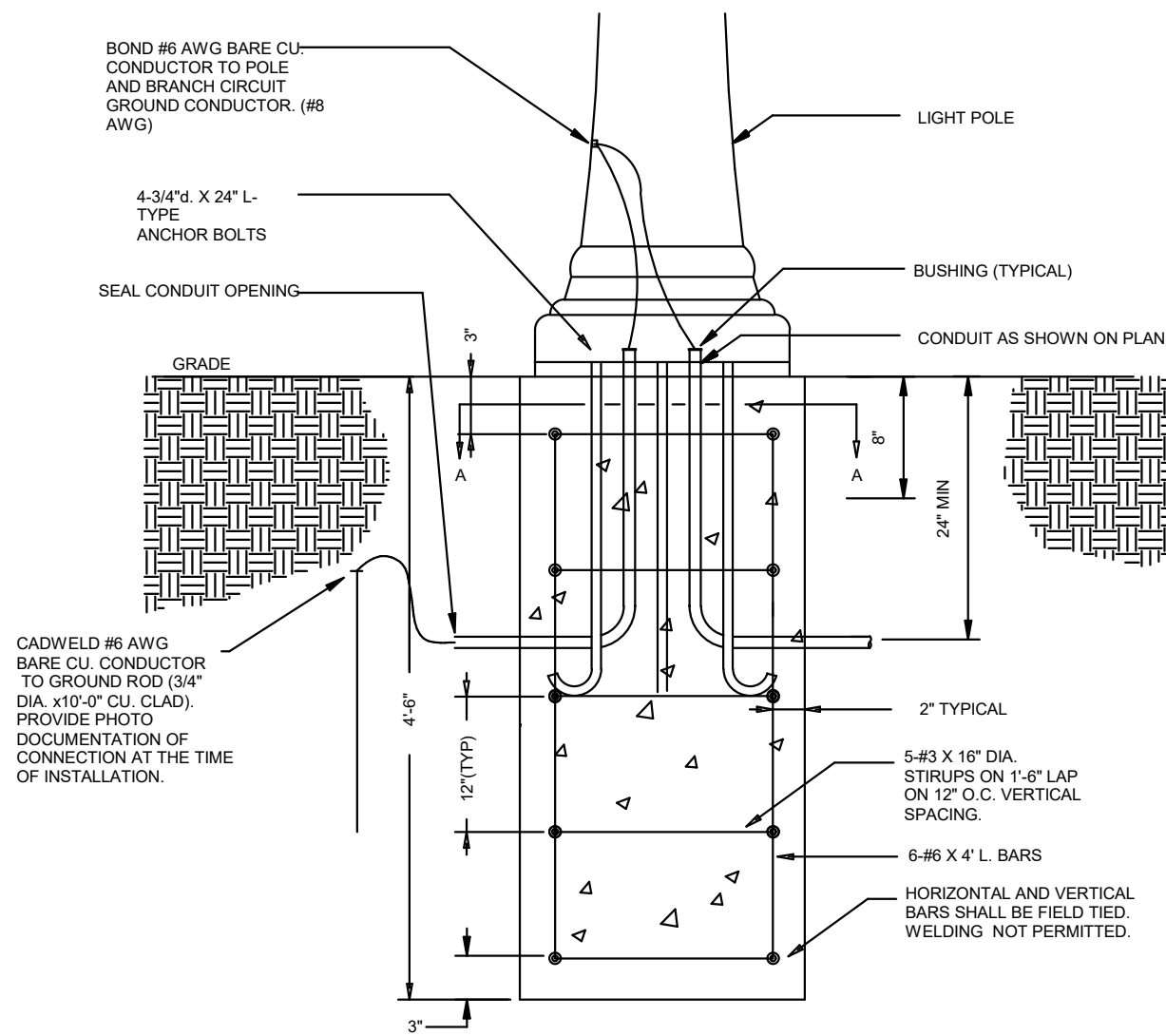
DETAIL
TYPICAL MOUNTING TROFFER
NOT TO SCALE



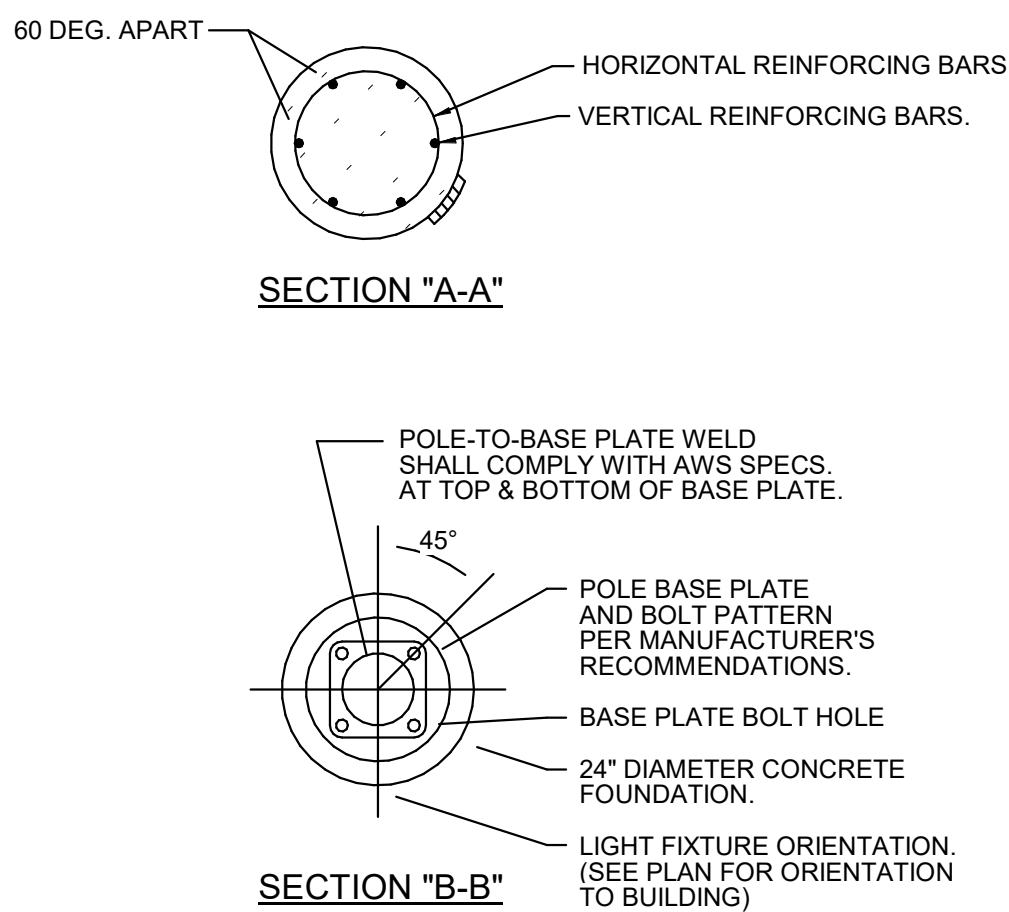
NOTES:

- 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
- IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
- FOUNDATION EXCAVATION SHALL BE BY 24\"/>

DETAIL - POLE BASE LIGHTING STANDARD FOR POLE MOUNTED FIXTURES
NOT TO SCALE



DETAIL - POLE BASE FOR FIXTURES BELOW 15'
NOT TO SCALE



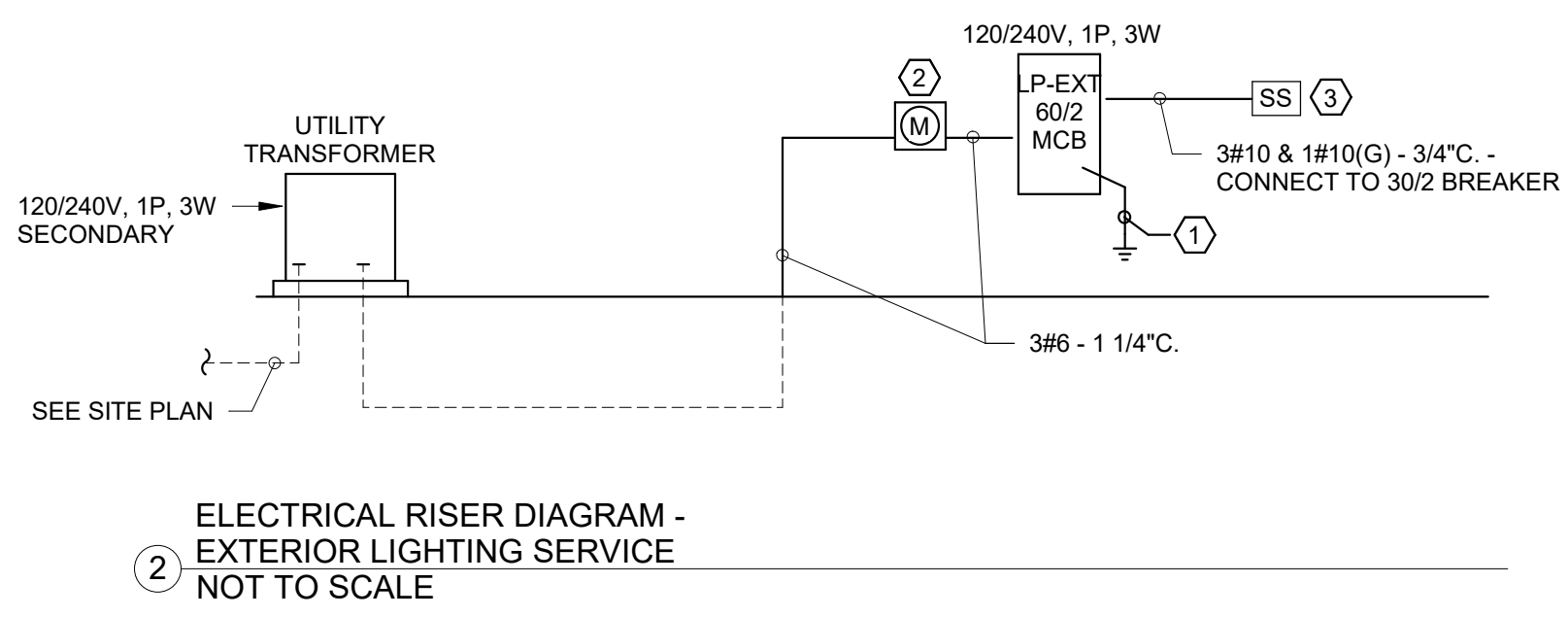
DETAIL - SECTION THRU POLE BASE
NOT TO SCALE

LUMINAIRE SCHEDULE									
TYPE MARK	MANUFACTURER	MODEL	VOLT	LAMP	WATT	COLOR TEMP	DESCRIPTION	COMMENTS / OPTIONS	
A	METALUX LITHONIA HE WILLIAMS	24CZ2-45-UNV-L835-CD-1 ZBL14-45L-ADP-G210-LP835 LT24-L52-835-AF-L45-DIM-U	MVOLT	LED 4500 LM	36 W	3500 K	2x4 LED RECESSED TROFFER, FROSTED ACRYLIC CURVED LENS.	SEE DETAIL - TYPICAL MOUNTING TROFFER	
B	METALUX LITHONIA HE WILLIAMS	22CZ2-45-UNV-L835-CD-1 ZBL12-45L-ADP-G210-LP835 LT22-L52-835-AF-L45-DIM-U	MVOLT	LED 4500 LM	36 W	3500 K	2x2 LED RECESSED TROFFER, FROSTED ACRYLIC CURVED LENS.	SEE DETAIL - TYPICAL MOUNTING TROFFER	
C	LA LIGHTING LCD PICO	WSE200-4-4L-WL-UNV-1-840-BLK(MATTE BLACK) RW34 1W43 40 80 C BK VAR DM PH W PUCSW 4-40-MV-D	MVOLT	LED 4000 LM	34 W	4000 K	SURFACE MOUNTED LINEAR LED LUMINAIRE, 4'-0\"/>	PROVIDE UNISTRUT AS REQUIRED FOR MOUNTING. DO NOT PENETRATE BATTING CAGE CANOPY	
F	METALUX LITHONIA HE WILLIAMS	45NLED-LD4-47SL-LW-UNV-L840-CD-AYC ZL1D-L48-5000LM-FST-MVOLT-40K-80CR-WH-HC36	MVOLT	LED 5000 LM	60 W	3500 K	SUSPENDED 48\"/>	PROVIDE CHAIN HANGER AND ALL REQUIRED MOUNTING HARDWARE.	
K	METALUX LITHONIA HE WILLIAMS	20TL-F-4-72L-A12125-G210-LP835-ABC 50G-S-2-4-L72-8-35-F-AF12125-TG-DIM-UNV 24GR-LD5-72-F125-UNV-L835-CD1-G1-UJDF-24W-U	MVOLT	LED 7200 LM	64 W	3500 K	2X4 LED RECESSED TROFFER WITH DOOR FRAME GASKETING, #12 PATTERN ACRYLIC, FROSTED, 125\"/>	PROVIDE WITH DOOR FRAME GASKETING. SEE DETAIL - TYPICAL MOUNTING TROFFER.	
KE	METALUX LITHONIA HE WILLIAMS	20TL-F-4-72L-A12125-G210-LP835-ABC-EL-IL 50G-S-2-4-L72-8-35-F-AF12125-EM12W-TG-DIM-UNV 24GR-LD5-72-F125-UNV-EL14W-L835-CD1-G1-UJDF-24W-U	MVOLT	LED 7200 LM	64 W	3500 K	2X4 LED RECESSED TROFFER WITH DOOR FRAME GASKETING, #12 PATTERN ACRYLIC, FROSTED, 125\"/>	PROVIDE WITH EMERGENCY BATTERY BACKUP. PROVIDE WITH DOOR FRAME GASKETING. SEE DETAIL - TYPICAL MOUNTING TROFFER.	
LU	SPL LIGHTING BIRCHWOOD PINNACLE	SEW12148 17F1-L57W 120-27V 4000K DF MCS SMA HALLED-125 CLO 40 17F1 XX FW 120 D1 RAS 11R-R XX 12 MW-HE 40-17-WH(12\"/>	MVOLT	LED 5800 LM	120 W	4000 K	EXTERIOR 12\"/>	PRIOR TO INSTALLATION, CONFIRM MOUNTING HEIGHT WITH ARCHITECT AND ACTUAL INSTALLED SIGNAGE LETTERS. ROTATE FIXTURE BACK AT SIGNAGE TO ILLUMINATE THE BUILDING LETTERS.	
PL	LITHONIA INVUE / HAPCO GARDCO	RAD1-LED-P3-40K-PATH-240-RPA-PE-DBLXD / RSS-12-48-DM19AD-DBBXD LXS-VAS-740-U-A3C-A-XX-BPC / RSS12B3-4-XX P20 C A04 840 T2S AR1 UNV DLEA PCB BK / SRS CB 4 11 12 D1 DT5 BK	240	LED 7000 LM	54 W	4000 K	LED ROUND PATHWAY LIGHT, ARM MOUNTED ON A ROUND POLE. PATHWAY LIGHTING TYPE II DISTRIBUTION. SINGLE PIECE DIE-CAST ALUMINUM HOUSING. IP65 RATED.	SEE POLE BASE DETAIL FOR POLE MOUNTED LUMINAIRES MOUNTED BELOW 15'-0\"/>	
S2	SIGNIFY MCGRAW-ED/HAPCO	OPF-S-A03-P05-840-T3M-BLC-AR1-240-BK / SSS-CB-4-7-D1-BK GALN-SA2B-740-240V-T3-XX-HSS / SSS-22.5-B-4-XX	240	LED 10,000 LM	100 W	4000 K	LED AREA LIGHT SINGLE HEAD TYPE III DISTRIBUTION ON 22.5\"/>	SEE POLE BASE DETAIL FOR POLE MOUNTED LUMINAIRES MOUNTED ABOVE 15'-0\"/>	
SP-60	MUSCO	(2) DSX0 LED P4 40K 80CRI T4 240 SPA PER5 HS DBLXD / SSS-22.5-4G-DM19AS-DBLXD Z(OPF-S-A03-P05-840-T4-BLC-AR1-240-BK / SSS-CB-4-7-D1-BK GALN-SA2B-740-240V-T4-XX-HSS / SSS-22.5-B-4-XX	208	LED	400 W	4000 K	EXTERIOR SPORTS LIGHTING ASSEMBLY WITH 60\"/>	SEE SPECIFICATIONS. PROVIDE ALL COMPONENTS FOR COMPLETE SPORTS LIGHTING PACKAGE. INSTALL POLE AS DIRECTED BY THE MANUFACTURER/SPECIFICATIONS.	
SP-70	MUSCO	TLC	208	LED	400 W	4000 K	EXTERIOR SPORTS LIGHTING ASSEMBLY WITH 70\"/>	SEE SPECIFICATIONS. PROVIDE ALL COMPONENTS FOR COMPLETE SPORTS LIGHTING PACKAGE. INSTALL POLE AS DIRECTED BY THE MANUFACTURER/SPECIFICATIONS.	
SP-80	MUSCO	TLC	208	LED	400 W	4000 K	EXTERIOR SPORTS LIGHTING ASSEMBLY WITH 80\"/>	SEE SPECIFICATIONS. PROVIDE ALL COMPONENTS FOR COMPLETE SPORTS LIGHTING PACKAGE. INSTALL POLE AS DIRECTED BY THE MANUFACTURER/SPECIFICATIONS.	
W	LITHONIA SIGNIFY NLS LIGHTING	WIDGES2 LED P2 35K 80CRI VF MVOLT DBLXD GWM-A06-840-74M-MVOLT-BK TWA-T4-16L-35-35K8-UNV-WM-XX	MVOLT	LED 2000 LM	15 W	3500 K	WALL MOUNTED LED LUMINAIRE, DIE CAST ALUMINUM HOUSING, TYPE IV DISTRIBUTION, BLACK FINISH.	PROVIDE WITH INTEGRAL PHOTOCELL WHERE NOTED ON THE PLANS ONLY. PROVIDE EMERGENCY BATTERY BACKUP.	
WE	LITHONIA SIGNIFY NLS LIGHTING	WIDGES2 LED P2 35K 80CRI VF MVOLT (PE-WHERE NOTED) E20WC DBLXD GWM-A06-840-74M-UNV-PCB WHERE NOTED;EC-BK TWA-T4-16L-35-35K8-UNV-WM-EM8-PC WHERE NOTED)	MVOLT	LED 2000 LM	15 W	3500 K	WALL MOUNTED LED LUMINAIRE, DIE CAST ALUMINUM HOUSING, TYPE IV DISTRIBUTION, BLACK FINISH, EMERGENCY.	PROVIDE WITH INTEGRAL PHOTOCELL WHERE NOTED ON THE PLANS ONLY. PROVIDE EMERGENCY BATTERY BACKUP.	
X1	LITHONIA SURE-LITE ISOLITE	ELM6L-UVOLT-LTP-SDRT-HO APPSOLED EL16-WH-MB-M67	MVOLT	LED 1100 LM	5 W	4500 K	CEILING MOUNTED EMERGENCY EGRESS LIGHT. EGRESS LIGHTING HEADS SHALL BE HIGH OUTPUT TYPE AND INTEGRAL TO THE FIXTURE.	PROVIDE BATTERY BACKUP. MOUNT AT 7'-6\"/>	
X2	LITHONIA HE WILLIAMS EXITRONIX	LHOM-LED-R-HO EXTIEMLED-R-WHT-HL-D QCSS-R-WH	MVOLT	LED RED	1 W	3500 K	THERMOPLASTIC UNIVERSAL VOLTAGE, UNIVERSAL SINGLE/DOUBLE FACE, FIELD ADJUSTABLE DIRECTIONAL CHEVRONS, UNIVERSAL MOUNT COMBINATION EGRESS AND EXIT SIGN WITH BATTERY BACKUP.	MOUNT CEILING OR WALL MOUNTED AS SHOWN, WHERE WALL MOUNTED, MOUNT ABOVE DOOR. PROVIDE EMERGENCY BATTERY BACKUP. PROVIDE DIRECTIONAL CHEVRONS AS SHOWN. PROVIDE SINGLE OR DOUBLE FACE AS SHOWN. PROVIDE WITH INTEGRAL EGRESS HEADS AS SHOWN.	

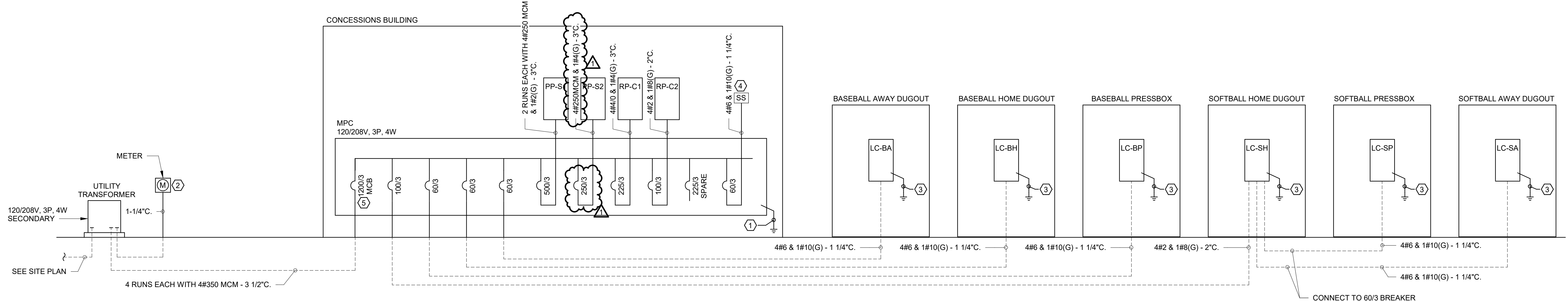
LUMINAIRE SCHEDULE NOTES

- MANUFACTURER CATALOG NUMBERS ARE SHOWN FOR GENERAL DESCRIPTIVE PURPOSES AND TO ESTABLISH STANDARD OF QUALITY ONLY. PROVIDE LUMINAIRES COMPLETE WITH ALL OPTIONS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. ALL PRODUCTS SHALL BE UL LISTED.
- LED FIXTURES: TO INSURE A FIXTURE WILL PERFORM AS ADVERTISED ON A CUT SHEET, THE PUBLISHED SPECIFICATION SHALL BE SUPPORTED BY LM-79 TEST RESULTS. LED FIXTURES WHICH ARE BUILT USING LED'S SHALL HAVE SUCCESSFULLY PASSED LM-80. LED'S SHALL YIELD A LM-80 RESULT OF A MINIMUM OF 70% OF THE ORIGINAL LIGHT OUTPUT OF THE LED STILL BEING DELIVERED AFTER 50,000 HOURS OF OPERATION. THE POWER SUPPLY UNIT (DRIVER) SHALL HAVE 150,000 HOURS MTBF (MEAN TIME BETWEEN FAILURES). AN INTEGRATED BATTERY BACKUP SOLUTION FOR THE LED FIXTURE IS REQUIRED. REPLACEABLE LED BOARDS TO ALLOW FIXTURE UPGRADE.
- PROVIDE FUSES FOR UNGROUNDED CONDUCTOERS SUPPLYING LED DRIVERS. PROVIDE FUSED SIZED FOR RATING OF LED DRVIER.
- VERIFY CONSTRUCTION OF CEILINGS BEING INSTALLED AND PROVIDE THE LUMINAIRES SPECIFIED IN APPROPRIATE CONFIGURATION WITH ALL HARDWARE AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
- PROVIDE LUMINAIRES WITH JOINING PLATES, END CAPS, CANOPIED, MOUNTING HARDWARE, ETC. AS REQUIRED FOR COMPLETE INSTALLATION.
- EXIT LIGHTS SHALL BE PROVIDED WITH COLOR OF LETTERS REQUIRED BY LOCAL CODE AUTHORITY. FURNISH WITH CHEVRON DIRECTIONAL INDICATORS AS INDICATED AND REQUIRED.
- PROVIDE DEVICES FOR SECURING LAY-IN TYPE LUMINAIRES TO CEILING GRID TO COMPLY WITH ARTICLE 410 OF THE NATIONAL ELECTRIC CODE.
- FURNISH LINEAR LUMINAIRES IN CONTINUOUS ROWS OR PATTERNS AS INDICATED ON DRAWINGS. PROVIDE WITH CORNER, ANGLE AND END PIECES AS REQUIRED FOR A COMPLETE INSTALLATION.
- FURNISH LUMINAIRES IN MECHANICAL SPACES COMPLETE WITH PENDANT STEMS OR CHAIN HANGERS AS REQUIRED TO MOUNT BELOW PIPING, DUCT, CONDUIT, ETC. MAINTAIN UNIFORM MOUNTING HEIGHT FOR ALL LUMINAIRES THROUGHOUT THE MECHANICAL AREA.
- PENDANT MOUNTED LUMINAIRES WITH AIRCRAFT CABLE SUSPENSION SYSTEMS SHALL BE FURNISHED WITH ADJUSTABLE CABLE GRIP HARDWARE. CABLE SIZE SHALL BE SELECTED BY MANUFACTURER TO PROVIDE ADEQUATE SUPPORT OF LUMINAIRES SPECIFIED.
- EMERGENCY BATTERY PACKS FOR LED LUMINAIRES SHALL OPERATE FOR 90 MINUTES MINIMUM.
- POLE MANUFACTURER SHALL COORDINATE WITH LUMINAIRE MANUFACTURER TO PROVIDE ADEQUATE STRENGTH TO SUPPORT THE FIXTURE. PROVIDE APPROPRIATE MOUNTING HARDWARE, ANCHOR BOLTS, BOLT/BASEPLATE COVERS AND GROUNDING LUG. MANUFACTURER SHALL FURNISH AN ANCHOR BOLT TEMPLATE TO ENSURE PROPER MOUNTING AND LUMINAIRE ORIENTATION FOR CORRECT LIGHT DISTRIBUTION.

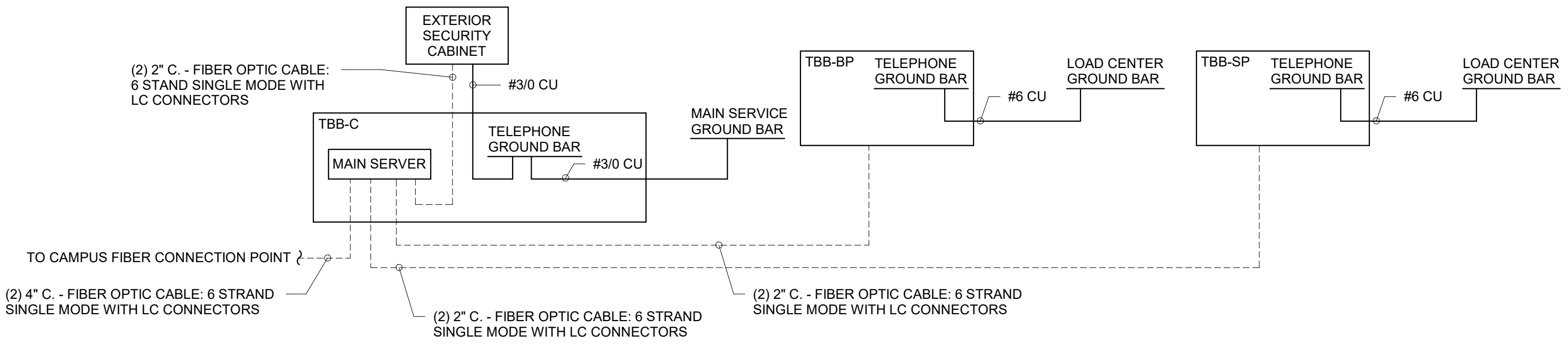
Panel: LP-EXT Location: EXTERIOR Fed From: UTILITY		Enclosure: NEMA 3R Mounting: UNISTRUT		Volts: 120/240 Single Phases: 1 Wires: 3		Bus Rating: 100 A Main Device Type: MCB Main Device Size: 60/2		A.I.C. Rating: 10,000 A Fault Current:																	
Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt												
1	LIGHTING - PATHWAY		Lighting	20	2	162	250		2	20	Lighting	LTG - PARKING/DRIVE	2												
3	--		--	--	--		162	250	--	--	--	--	4												
5	LTG - PARKING/DRIVE		Lighting	20	2	200	400		2	20	Lighting	LTG - PARKING	6												
7	--		--	--	--		200	400	--	--	--	--	8												
9	SPARE		--	20	2	0	0		2	30	--	SPD	10												
11	--		--	--	--		0	0	--	--	--	--	12												
13	SPARE		--	20	1	0	--		1	--	--	SPACE	14												
15	SPARE		--	20	1		0	--	1	--	--	SPACE	16												
17	SPARE		--	20	1	0	--		1	--	--	SPACE	18												
19	SPARE		--	20	1		0	--	1	--	--	SPACE	20												
21	SPARE		--	20	1	0	--		1	--	--	SPACE	22												
23	SPARE		--	20	1		0	--	1	--	--	SPACE	24												
Total Phase Connected Load (VA):						1012	1012																		
Total Phase Connected Current (A):						8	8																		
Load Classification		Connected Load (VA)		Demand Factor		Demand Load (VA)		Panel Totals:																	
Lighting - Exterior		2024 VA		125.00%		2530 VA		Total Connected Load (VA):		2024 VA		Total Demand Load (VA):													
										2530 VA															
										8 A															
										8 A															
										11 A															
Notes: A. UL LISTED FOR SERVICE ENTRANCE																									
Circuit Notes:																									



- ② ELECTRICAL RISER DIAGRAM - EXTERIOR LIGHTING SERVICE KEYNOTES:
- PROVIDE AND INSTALL (2) GROUND RODS PER SPECIFICATIONS. CONNECT WITH #6 BARE CU CONDUCTOR BACK TO MAIN GROUND BAR. BOND NEUTRAL AND GROUND WITHIN THIS PANEL WITH #6 CU.
 - SELF CONTAINED METER BOX PROVIDED BY ELECTRICAL CONTRACTOR. COORDINATE SPECIFICATIONS WITH UTILITY COMPANY.
 - MOUNT SURGE SUPPRESSOR ADJACENT TO PANEL. LEAD LENGTH NOT TO EXCEED 12 INCHES. SPD SHALL BE IN A NEMA 4X ENCLOSURE, MOUNTED ON UNISTRUT.

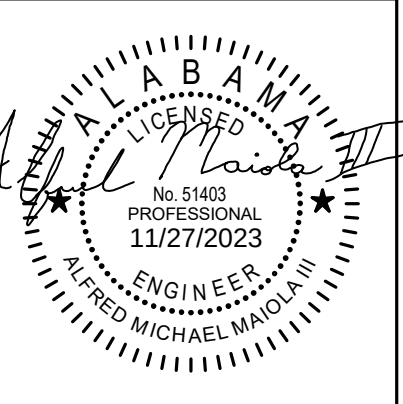


- ① ELECTRICAL RISER DIAGRAM - CONCESSIONS SERVICE NOT TO SCALE
- ⑦ ELECTRICAL RISER DIAGRAM - CONCESSIONS SERVICE KEYNOTES:
- SEE GROUNDING DETAIL.
 - UTILITY METER PER UTILITY SPECIFICATIONS. CTS TO BE PROVIDED WITHIN SERVICE TRANSFORMER. COORDINATE SPECIFICATIONS AND REQUIREMENTS WITH UTILITY. PROVIDE UNISTRUT RACK ADJACENT TO TRANSFORMER FOR METER MOUNTING. SEE DETAIL.
 - GROUND PER NEC (SEE DETAIL). DO NOT BOND NEUTRAL AND GROUND AT THIS PANEL.
 - MOUNT SURGE SUPPRESSOR ADJACENT TO PANEL. LEAD LENGTH NOT TO EXCEED 12 INCHES.
 - MAIN BREAKER SHALL BE PROVIDED WITH ARC FLASH MITIGATION IN ACCORDANCE WITH NEC 240.87.



③ ELECTRICAL RISER DIAGRAM - STRUCTURED CABLING RISER DIAGRAM NOT TO SCALE

Panel: MPC Location: ELECTRICAL L105 Fed From: UTILITY		Enclosure: NEMA 1 Mounting: SURFACE		Volts: 120/208 Wye Phases: 3 Wires: 4		Bus Rating: 1200A Main Device Type: MCB Main Device Size: 1200/3		A.I.C. Rating: 65,000 A Fault Current:						
Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	LC-SH		HVAC, 120V, 1P, 3W	100	3	8803	1114		3	60	120V, 1P, 3W		LC-BP	2
3							7823	2770						4
5								7617	2050					6
7	LC-BH		HVAC, 120V, 1P, 3W	60	3	5538	390		3	60	120V, 1P, 3W		LC-BA	8
9							5571	360						10
11								5593	720					12
13	PP-S1		120V, 1P, 3W	500	3	34095	18312		3	250	120V, 1P, 3W		PP-S2	14
15							34095	18312						16
17								34095	18312					18
19	RP-C1		HVAC, 120V, 1P, 3W	225	3	14483	6740		3	100	120V, 1P, 3W		RP-C2	20
21							14636	5298						22
23								13848	6000					24
25	SPARE			225	3	0	0		3	60			SPD	26
27							0	0						28
29								0	0					30
Total Phase Connected Load (VA):						89454	88860	88233						
Total Phase Connected Current (A):						746	741	735						
Load Classification		Connected Load (VA)		Demand Factor		Demand Load (VA)		Panel Totals:						
Electric Clothes Dryer		5000 VA		100.00%		5000 VA		Total Connected Load (VA):		266906 VA		266906 VA		
Heating		29500 VA		100.00%		29500 VA		Total Demand Load (VA):		295485 VA		295485 VA		
Lighting		5169 VA		125.00%		6462 VA		Total Connected Current (A):		741 A		741 A		
Lighting - Exterior		157390 VA		125.00%		196738 VA		Highest Connected Phase Current (A):		746 A		746 A		
Motor		1181 VA		125.00%		1476 VA		Total Demand Current (A):		820 A		820 A		
Other		0 VA		0.00%		0 VA								
Power		500 VA		100.00%		500 VA								
Receptacle		34600 VA		64.45%		22300 VA								
HVAC		33794 VA		100.00%		33794 VA								
Notes:														
A. UL LISTED FOR SERVICE ENTRANCE														
B. MAIN BREAKER SHALL BE PROVIDED WITH ARC FLASH MITIGATION IN ACCORDANCE WITH NEC 240.87.														
Circuit Notes:														



SHEET TITLE:
ELECTRICAL - RISER
DIAGRAM

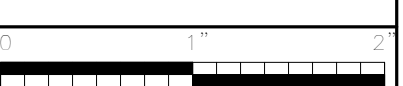
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DRAWN: DB

DATE: -- 10/24/23

REVISIONS
1 11/27/23 Addendum No.1

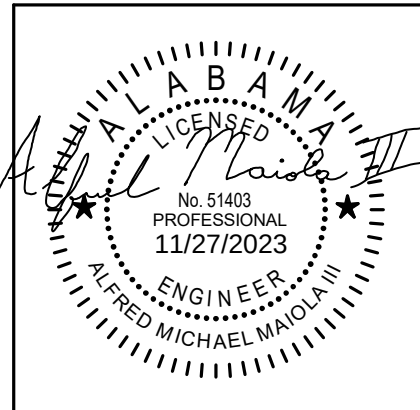
JOB NO. 23-66
SHEET NO:

E0.5





BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDEN, ALABAMA 35903



SHEET TITLE:
ELECTRICAL - PANEL
SCHEDULES

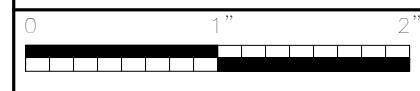
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DRAWN: DB
DATE: -- 10/24/23
REVISIONS

1 11/27/23 Addendum No.1

JOB NO. 23-66

SHEET NO:

E0.6



Panel: RP-C1		Enclosure: NEMA 1		Volts: 120/208 Wye		Bus Rating: 225 A		A.I.C. Rating: 65,000 A							
Location: ELECTRICAL L108		Mounting:		Phases: 3		Main Device Type: MLO		Fault Current:							
Fed From: MPC				Wires: 4		Main Device Size: --									
Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt	
1	LTG - EXT. SIGNAGE		Lighting	20	1	240	180		1	20	Receptacle		REC - EXTERIOR	2	
3	LTG - EXT. WALL LTS		Lighting	20	1		120	264		1	20	Lighting	LTG - MENS. ELEC. JAN	4	
5	LIGHTING CONTRACTOR		Lighting	20	1			180	268	1	15	HVAC	REC - CM E102	6	
7	LTG - STOR. WOMEN'S RR		Lighting	20	1	285	400		1	20	Receptacle	1	REC - EWC EXTERIOR	8	
9	REC - BATTING CAGE E100		Receptacle	20	1		360	814		1	20	Lighting	LTG - CONCESSION	10	
11	REC - ELECTRICAL L108		Receptacle	20	1			360	544	1	20	Lighting	LTG - BATTING CAGE	12	
13	LTG - BATTING CAGE		Lighting	20	1	544	720		1	20	Receptacle		REC - ELECTRICAL L108	14	
15	REC - WASHER JAN L105	1	Receptacle	20	1		1500	1581		2	30	HVAC	HP-C3	16	
17	REC - WASHER JAN L105	1	Receptacle	20	1			1500	1581		---	---	---	---	18
19	REC - EWC EXTERIOR	1	Receptacle	20	1	800	2421			2	50	HVAC	HP-C1	20	
21	EWB-B #1		Heating	30	2		2000	2421		---	---	---	---	22	
23	--		--	--	--	--	--	2000	2000	2	30	Heating	EWB-B #2	24	
25	REC - DRYER JAN L105	1	Receptacle	30	2	2500	2000			---	---	---	---	26	
27	--		--	--	--	2500	720		1	20	Receptacle		REC - ELECTRICAL L108	28	
29	HP-C2		HVAC	50	2			2421	720	1	20	Receptacle	REC - ELECTRICAL L108	30	
31	--		--	--	--	2421	544		1	20	Lighting		LTG - BATTING CAGE E100	32	
33	REC - EWC EXTERIOR	1	Receptacle	20	1		800	0		1	20	--	SPARE	34	
35	REC - EWC EXTERIOR	1	Receptacle	20	1			800	0	1	20	--	SPARE	36	
37	SPARE	1	--	20	1	0	1500			3	20	Heating	WH-1	38	
39	EF-C4 (JAN)		Motor	20	1		109	1500		---	---	---	---	40	
41	SPARE	1	--	20	1			0	1500		---	---	---	42	
43	SPARE		--	20	1	0	--			1	--	--	SPACE	44	
45	SPARE		--	20	1		0	--		1	--	--	SPACE	46	
47	SPARE		--	20	1			0	--	1	--	--	SPACE	48	
49	SPARE		--	20	1	0	--			1	--	--	SPACE	50	
51	SPARE		--	20	1		0	--		1	--	--	SPACE	52	
53	SPARE		--	20	1			0	--	1	--	--	SPACE	54	
Total Phase Connected Load (VA):						14483	14636	13848							
Total Phase Connected Current (A):						122	123	115							
Load Classification		Connected Load (VA)		Demand Factor		Demand Load (VA)		Panel Totals:		Total Connected Load (VA):		Total Demand Load (VA):		Total Demand Current (A):	
Electric Clothes Dryer		5000 VA		100.00%		5000 VA				42965 VA		42965 VA		42965 VA	
Heating		12500 VA		100.00%		12500 VA				43841 VA		43841 VA		43841 VA	
Lighting		3406 VA		125.00%		4258 VA				119 A		119 A		119 A	
Lighting - Exterior		120 VA		125.00%		150 VA				Highest Connected Phase Current (A):		123 A		123 A	
Motor		109 VA		125.00%		136 VA				Total Demand Current (A):		122 A		122 A	
Receptacle		8860 VA		100.00%		8860 VA									
HVAC		13114 VA		100.00%		13114 VA									
Notes:															
Circuit Notes:															
1. GFCI BREAKER															

Panel: LC-SH			Enclosure: NEMA 1			Volts: 120/208 Wye			Bus Rating: 100 A			A.I.C. Rating: 10,000 A		
Location: COACHES OFFICE			Mounting: RECESSED			Phases: 3			Main Device Type: MCB			Fault Current:		
Fed From: MPC						Wires: 4			Main Device Size: 100/3					
Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	EF-SH3		Motor	20	1	109	540		1	20	Recessed		REC - TOILET L125	2
3	DHA		HVAC	15	1		268	504		1	20	Lighting	LTG - SOFTBALL DUGOUT BLDG	4
5	REC - DUGOUT L121		Receptacle	20	1			360	1000	2	20	Heating	EWHA	6
7	SPARE		--	20	1	0	1000		--	--	--	--	--	8
9	REC - OFFICE L124		Receptacle	20	1		720	632		2	30	HVAC	HP-SH1	10
11	WH-3		Heating	30	2			2250	632	--	--	--	--	12
13	--		--	--	--	2250	2421			2	40	HVAC	HP-SH2	14
15	EWHA		Heating	20	2		1000	2421		--	--	--	--	16
17	--		--	--	--			1000	335	3	60	Motor, Lighting	LC-SA	18
19	LC-SP		HVAC, Motor, Receptacle	60	3	2124	360		--	--	--	--	--	20
21	--		--	--	--	1760	540		--	--	--	--	--	22
23	--		--	--	--			2050	0	1	20	--	SPARE	24
25	SPARE		--	20	1	0	0			1	20	--	SPARE	26
27	SPARE		--	20	1		0	0		1	20	--	SPARE	28
29	SPARE		--	20	1			0	0	1	20	--	SPARE	30
Total Phase Connected Load (VA):						8803	7823	7617						
Total Phase Connected Current (A):						74	65	63						
Load Classification		Connected Load (VA)		Demand Factor		Demand Load (VA)		Panel Totals:						
Heating		8500 VA		100.00%		8500 VA		Total Connected Load (VA):				24243 VA		
Lighting		820 VA		125.00%		1026 VA		Total Demand Load (VA):				24616 VA		
Lighting - Exterior		30 VA		125.00%		38 VA		Total Connected Current (A):				67 A		
Motor		617 VA		125.00%		846 VA		Highest Connected Phase Current (A):				74 A		
Other		0 VA		0.00%		0 VA		Total Demand Current (A):				68 A		
Receptacle		3780 VA		100.00%		3780 VA								
HVAC		10474 VA		100.00%		10474 VA								
Notes:														
Circuit Notes:														

Panel: LC-BP			Enclosure: NEMA 1			Volts: 120/208 Wye			Bus Rating: 100 A			A.I.C. Rating: 10,000 A			
Location: PRESSBOX D100			Mounting: RECESSED			Phases: 3			Main Device Type: MCB			Fault Current:			
Fed From: MPC						Wires: 4			Main Device Size: 60/3						
Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	Phase Load (VA)	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	LTG - PRESSBOX		Lighting	20	1	77	180			1	20	Recessed		REC - PRESSBOX D100	2
3	TWHP-A		HVAC	30	2		2050	0		1	20	--		SPARE	4
5	--		--	--	--				2050	0	1	20	--	SPARE	6
7	REC - DATA RACK D100		Receptacle	20	1	360	500			1	20	Power		BASEBALL SCOREBOARD	8
9	REC - OUTDOOR SPEAKERS		Receptacle	20	1		720	0		1	20	--		SPARE	10
11	SPARE		--	20	1				0	0	1	20	--	SPARE	12
Total Phase Connected Load (VA):						1114	2770	2050							
Total Phase Connected Current (A):						9	24	18							
Load Classification		Connected Load (VA)		Demand Factor		Demand Load (VA)		Panel Totals:							
Lighting		77 VA		125.00%		96 VA		Total Connected Load (VA):				5933 VA			
Power		500 VA		100.00%		500 VA		Total Demand Load (VA):				5952 VA			
Receptacle		1260 VA		100.00%		1260 VA		Total Connected Current (A):				16 A			
HVAC		4100 VA		100.00%		4100 VA		Highest Connected Phase Current (A):				24 A			
								Total Demand Current (A):				17 A			
Notes:															
Circuit Notes:															

SITE PWER AND TELEPHONE NOTES:

- UA STUB-OUT AND TERMINATE PER UTILITY COMPANY REQUIREMENTS. VERIFY LOCATION OF HIGH VOLTAGE SERVICE POINT PRIOR TO BIDDING AND INCLUDE ALL COST IN BID.
- UB (2)-5"Ø FOR HIGH VOLTAGE SERVICE FROM PROPERTY LINE TO TRANSFORMER SLABS - VERIFY LOCATION AND ROUTING. HIGH VOLTAGE CONDUIT SHALL BE 48" DEEP. TERMINATE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS INCLUDING TRENCHING AND BACKFILL TO 80% COMPACTION.
- UC TRANSFORMER SLAB-BOX WITH TRAFFIC GUARDS PER UTILITY COMPANY REQUIREMENTS. VERIFY SIZE, LOCATION AND ORIENTATION WITH UTILITY COMPANY. CONTRACTOR WILL PROVIDE TRANSFORMER SLABS INSTALLED COMPLETE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. PROVIDE ADEQUATE GUARD RAILING AROUND POWER TRANSFORMERS IN PARKING AREAS.
- UD SECONDARY FROM TRANSFORMER TO MAIN DISCONNECT. VERIFY ROUTING WITH UTILITY COMPANY AND ROUTE TO CLEAR STRUCTURAL FOOTING. SEE RISER DIAGRAM. TERMINATE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- UE PULLBOX WITH BOLT DOWN TRAFFIC COVER PER ALABAMA POWER COMPANY REQUIREMENTS. CONCRETE PULLBOX WITH LID. VERIFY LOCATION AND SPECIFICATION WITH APCO PRIOR TO ORDERING. TYPICAL.
- UF STUB-OUT AND TERMINATE PER GADSDEN STATE IT DEPARTMENT REQUIREMENTS. VERIFY LOCATION OF FIBER CONNECTION POINT PRIOR TO BIDDING AND INCLUDE ALL COST IN BID.
- UG ROUTE (2)-4"Ø TO MAIN FIBER ENTRANCE. ROUTE TO CLEAR STRUCTURAL FOOTING. CONDUITS SHALL BE STUBBED UP AND CAPPED 12" A.F.F. IN BUILDING. AS-BUILT DRAWINGS MUST SHOW CONDUIT LENGTH AND ROUTE.
- UH FIBERGLASS PULLBOX WITH ENGRAVED LID, TIER 15, SIZED AS REQUIRED FOR FIBER OPTIC CABLES AND INCOMING CONDUITS.
- UI FOR FUTURE PROVISION PROVIDE FLUSH IN GRADE QUARTZITE, STRAIGHT WALL FRP 11"X18"X12" BOX WITH A BOLT ON COVER. PROVIDE WITH PULLSTRINGS. STUB INTO FLOOR 12" ABOVE GRADE. PROVIDE LABEL ON CONDUIT IN THE ELECTRICAL ROOM. CAP AND SEAL.
1. ALL UTILITY SERVICE SHALL BE VERIFIED WITH THE UTILITY COMPANIES PRIOR TO BIDDING AND ALL RESULTING COSTS SHALL BE INCLUDED IN BID.
2. ACTUAL INSTALLATION OF ALL UTILITY SERVICES SHALL BE ACCORDING TO FINAL UTILITY COMPANY PLANS.
3. PROVIDE PULLWIRE IN ALL EMPTY CONDUITS.
4. USE JOINT TRENCHING WHEREVER POSSIBLE.

ELECTRICAL UTILITY CONTACT:

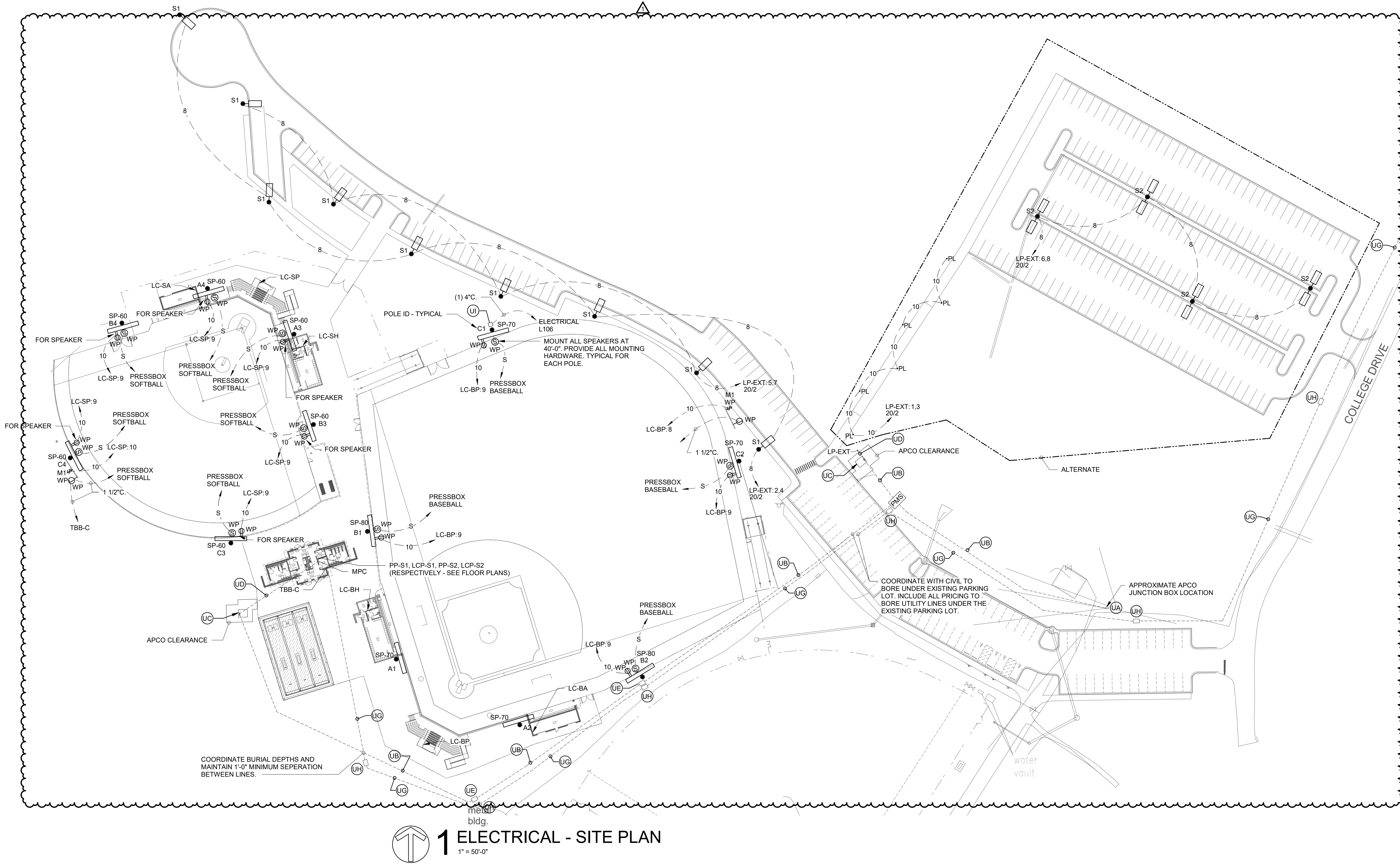
ALABAMA POWER COMPANY (APCO): SCOTT WILLIAMSON, GSWILLIA@southernco.com

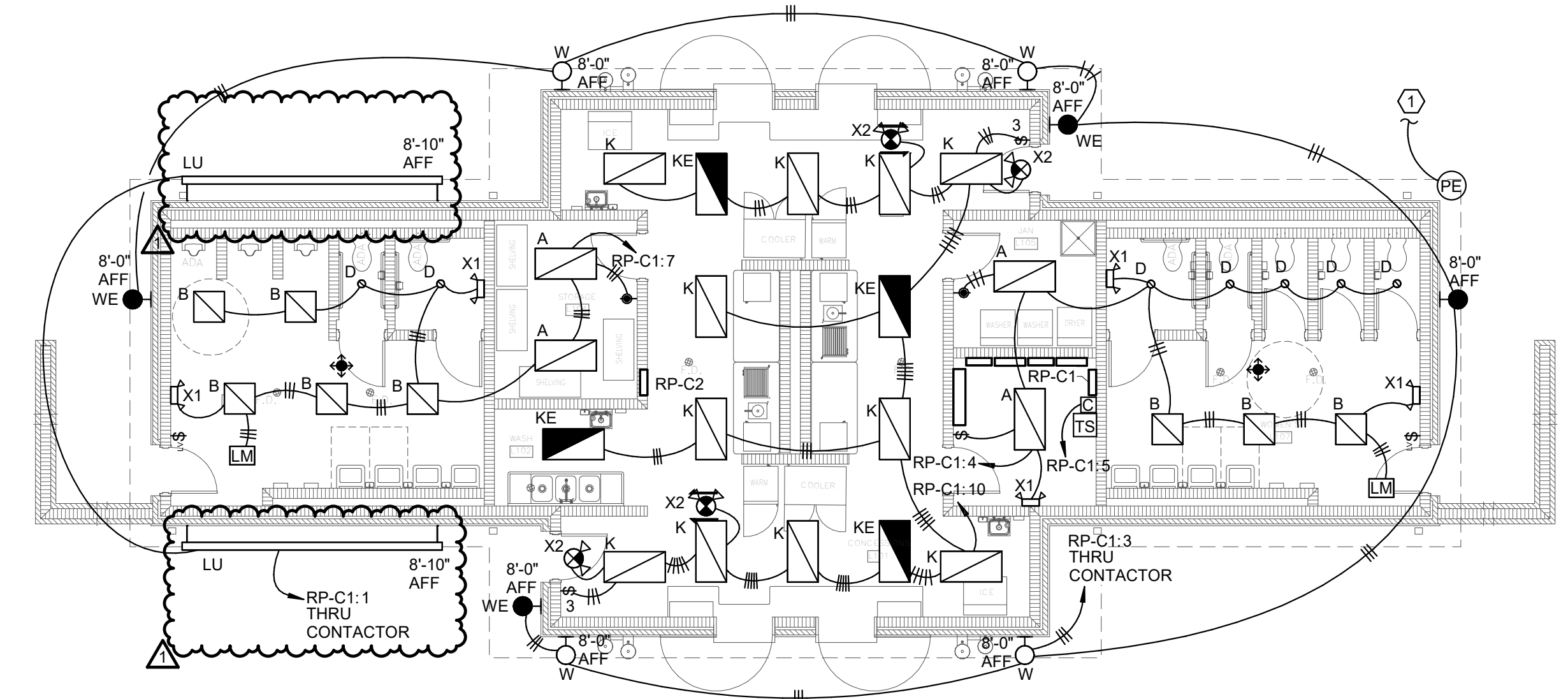
SPORTS LIGHTING EQUIPMENT SCHEDULE										
POLE ID	FLA	ELECTRICAL DATA	BRANCH CIRCUIT & CONDUIT	CIRCUIT NUMBER	PANEL	BREAKER	CONTACTOR	CONTACTOR ID	ZONE DESCRIPTION	CABINET NUMBER
A1	22.5	208 V/3-8100 VA	3ØØ & 1ØØ(G) - 1"Ø	1,3,5	PP-S1	30/3	30/3	C1	BASEBALL	1 - LCP-S1
A2	22.5	208 V/3-8100 VA	3ØØ & 1ØØ(G) - 1 1/2"Ø	2,4,6	PP-S1	30/3	30/3	C2	BASEBALL	1 - LCP-S1
B1	49.29	208 V/3-17744 VA	3ØØ & 1ØØ(G) - 1 1/2"Ø	7,9,11	PP-S1	70/3	60/3	C3	BASEBALL	1 - LCP-S1
B2	49.29	208 V/3-17744 VA	3ØØ & 1ØØ(G) - 2"Ø	8,10,12	PP-S1	70/3	60/3	C4	BASEBALL	1 - LCP-S1
C1	46.78	208 V/3-16841 VA	3ØØ & 1ØØ(G) - 2"Ø	13,15,17	PP-S1	60/3	60/3	C5	BASEBALL	1 - LCP-S1
C2	46.78	208 V/3-16841 VA	3ØØ & 1ØØ(G) - 2"Ø	14,16,18	PP-S1	60/3	60/3	C6	BASEBALL	1 - LCP-S1
A1	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	19,21,23	PP-S1	20/3	30/3	C7	BASEBALL - RGBW	1 - LCP-S1
A2	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	20,22,24	PP-S1	20/3	30/3	C8	BASEBALL - RGBW	1 - LCP-S1
B1	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	26,28,30	PP-S1	20/3	30/3	C9	BASEBALL - RGBW	1 - LCP-S1
B2	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 1 1/4"Ø	25,27,29	PP-S1	20/3	30/3	C10	BASEBALL - RGBW	1 - LCP-S1
C1	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	32,34,36	PP-S1	20/3	30/3	C11	BASEBALL - RGBW	1 - LCP-S1
C2	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 1"Ø	31,33,35	PP-S1	20/3	30/3	C12	BASEBALL - RGBW	1 - LCP-S1
A3	12	208 V/3-4320 VA	3ØØ & 1ØØ(G) - 1"Ø	1,3,5	PP-S2	20/3	30/3	C13	SOFTBALL	2 - LCP-S2
A4	12	208 V/3-4320 VA	3ØØ & 1ØØ(G) - 1 1/4"Ø	2,4,6	PP-S2	20/3	30/3	C14	SOFTBALL	2 - LCP-S2
B3	20.66	208 V/3-7438 VA	3ØØ & 1ØØ(G) - 1"Ø	7,9,11	PP-S2	30/3	30/3	C15	SOFTBALL	2 - LCP-S2
B4	20.66	208 V/3-7438 VA	3ØØ & 1ØØ(G) - 1 1/2"Ø	8,10,12	PP-S2	30/3	30/3	C16	SOFTBALL	2 - LCP-S2
C3	20.66	208 V/3-7517 VA	3ØØ & 1ØØ(G) - 1"Ø	13,15,17	PP-S2	30/3	30/3	C17	SOFTBALL	2 - LCP-S2
C4	19.41	208 V/3-6988 VA	3ØØ & 1ØØ(G) - 1 1/4"Ø	14,16,18	PP-S2	30/3	30/3	C18	SOFTBALL	2 - LCP-S2
A3	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	19,21,23	PP-S2	20/3	30/3	C19	SOFTBALL - RGBW	2 - LCP-S2
A4	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 1"Ø	20,22,24	PP-S2	20/3	30/3	C20	SOFTBALL - RGBW	2 - LCP-S2
B3	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	25,27,29	PP-S2	20/3	30/3	C21	SOFTBALL - RGBW	2 - LCP-S2
B4	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 1"Ø	26,28,30	PP-S2	20/3	30/3	C22	SOFTBALL - RGBW	2 - LCP-S2
C3	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	31,33,35	PP-S2	20/3	30/3	C23	SOFTBALL - RGBW	2 - LCP-S2
C4	7.83	208 V/3-2819 VA	3ØØ & 1ØØ(G) - 3/4"Ø	32,34,36	PP-S2	20/3	30/3	C24	SOFTBALL - RGBW	2 - LCP-S2

SPORTS LIGHTING EQUIPMENT SCHEDULE NOTES:

A. PROVIDE (1) CAT5 CABLE IN 3/4"Ø FROM THE BASEBALL PRESSBOX BACK TO LCP-S1 AND PROVIDE (1) CAT5 CABLE IN 3/4"Ø FROM THE SOFTBALL PRESSBOX BACK TO LCP-S2 FOR COLOR CHANGING CONTROLS.

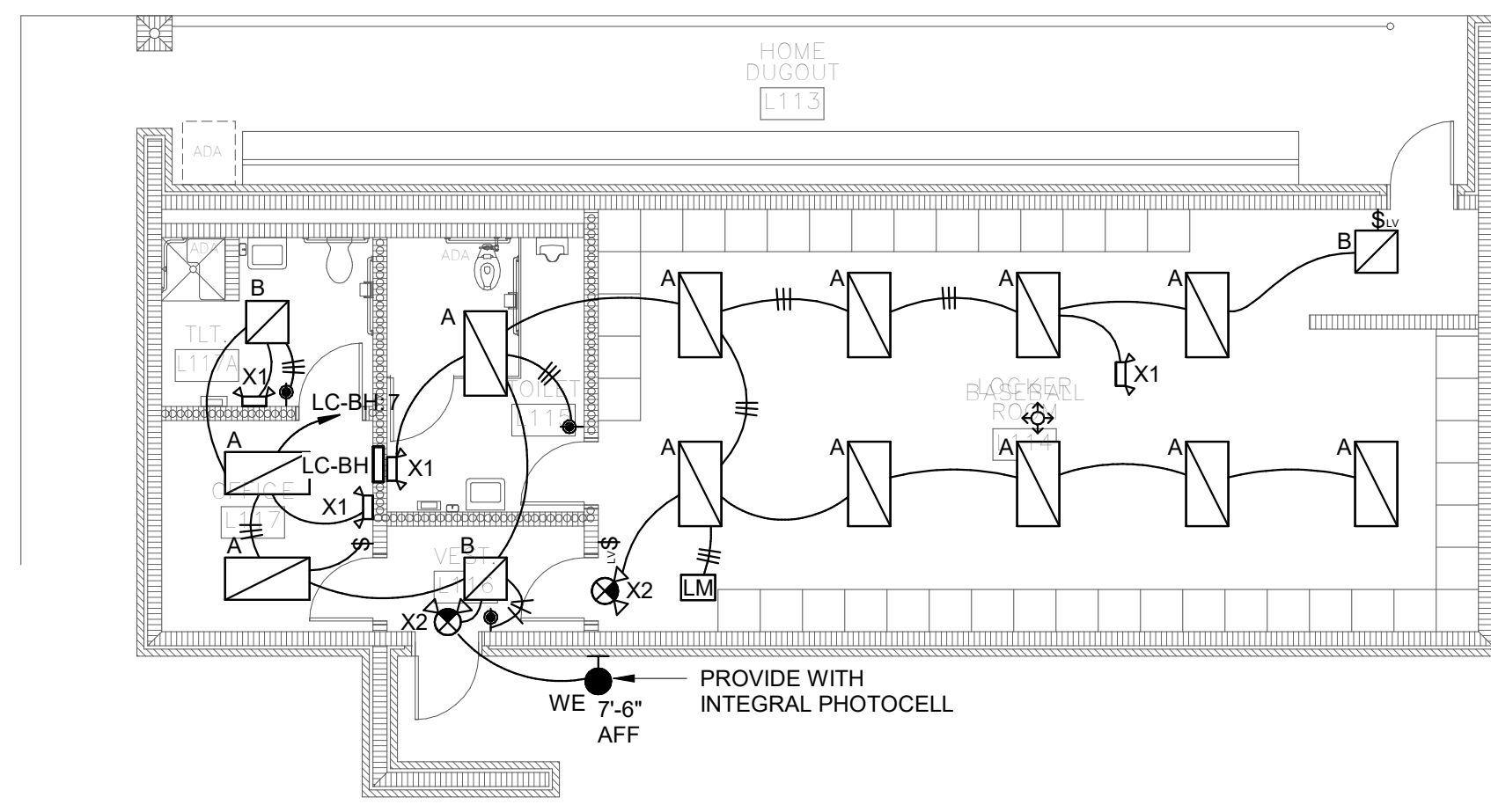
B. PROVIDE UL LISTED WIRE ADAPTERS AS REQUIRED TO CONNECT LARGER CONDUCTORS TO THE LUGS OF THE BREAKERS AND LIGHTING TERMINATIONS.



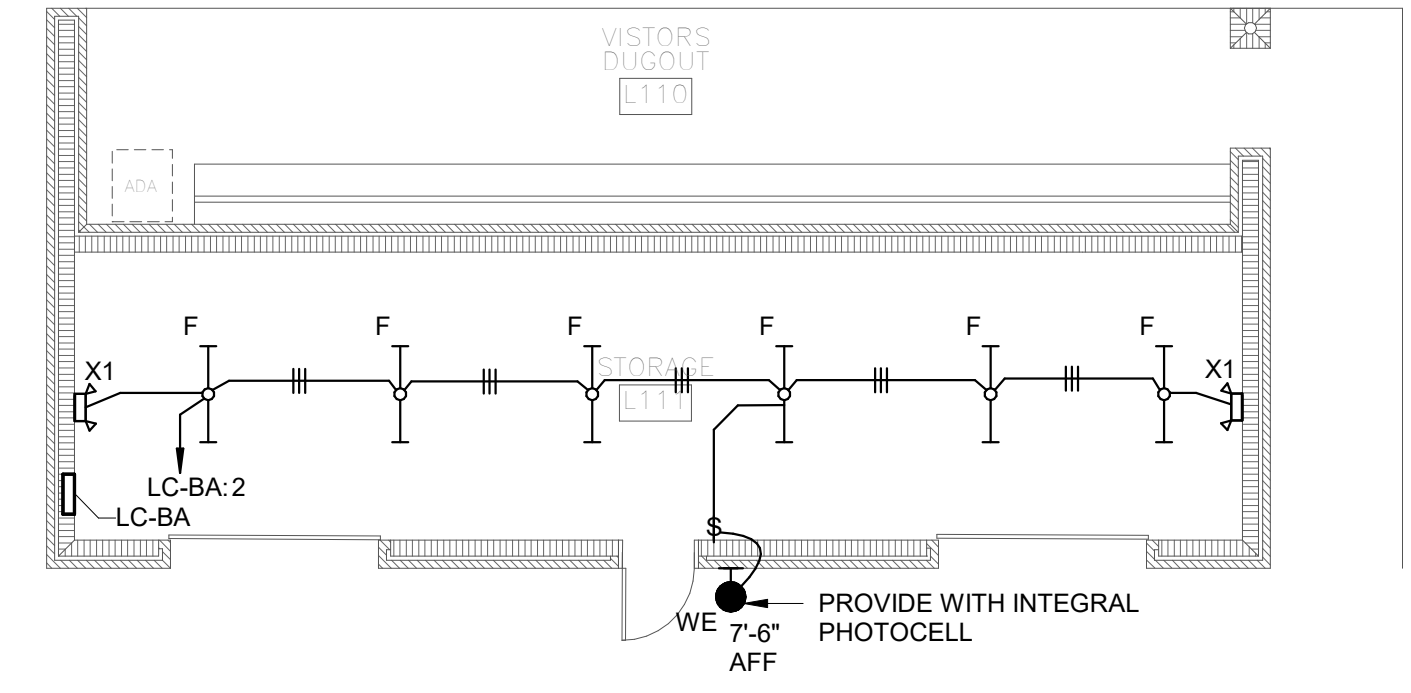


1 LIGHTING - CONCESSIONS FLOOR PLAN
1/8" = 1'-0"

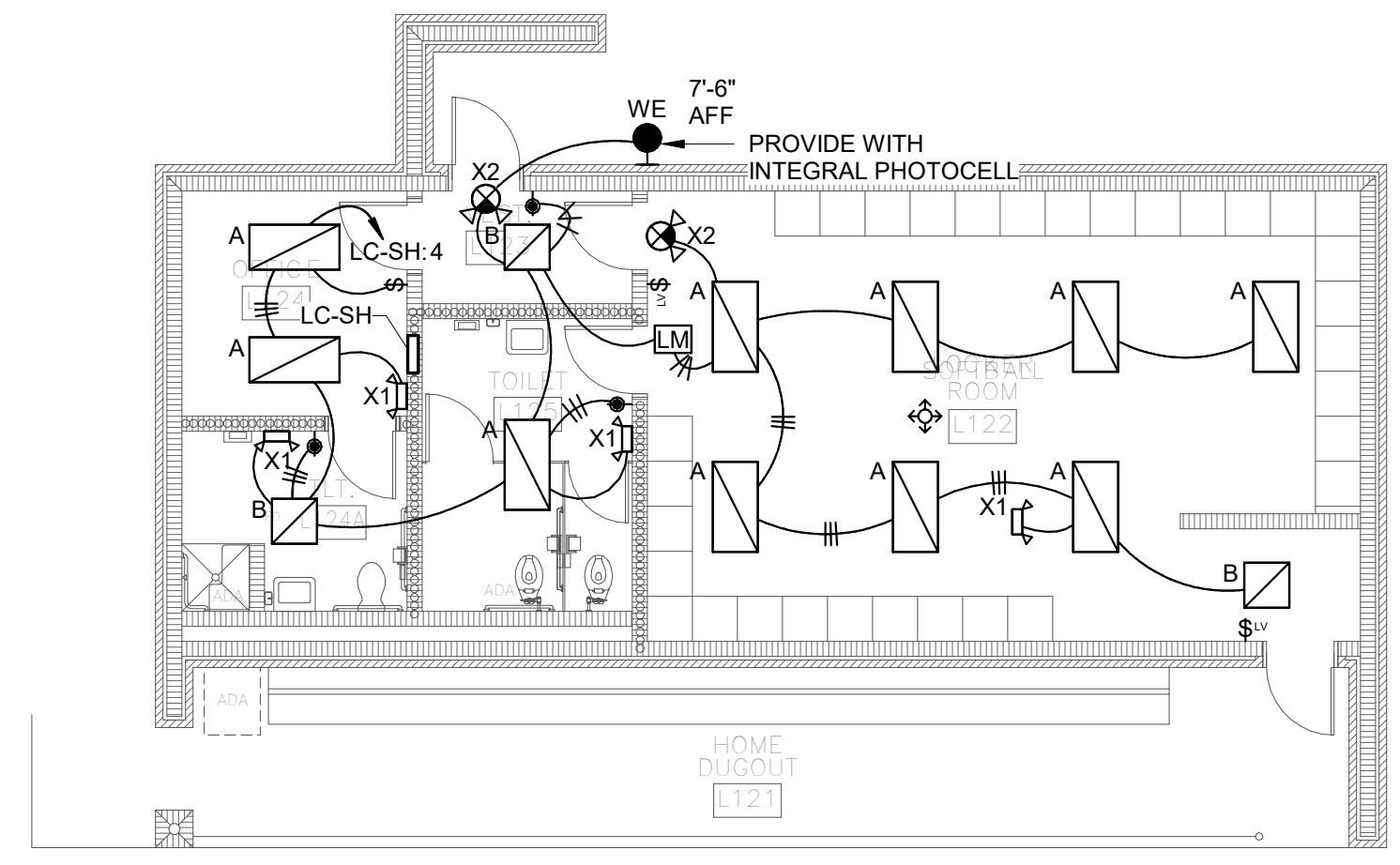
① MOUNT PHOTOCELL AS HIGH AS POSSIBLE ON WALL WITHOUT BEING BLOCKED. CONNECT TO CONTACTOR AND TIME SWITCH FOR EXTERIOR LIGHTING CONTROL.



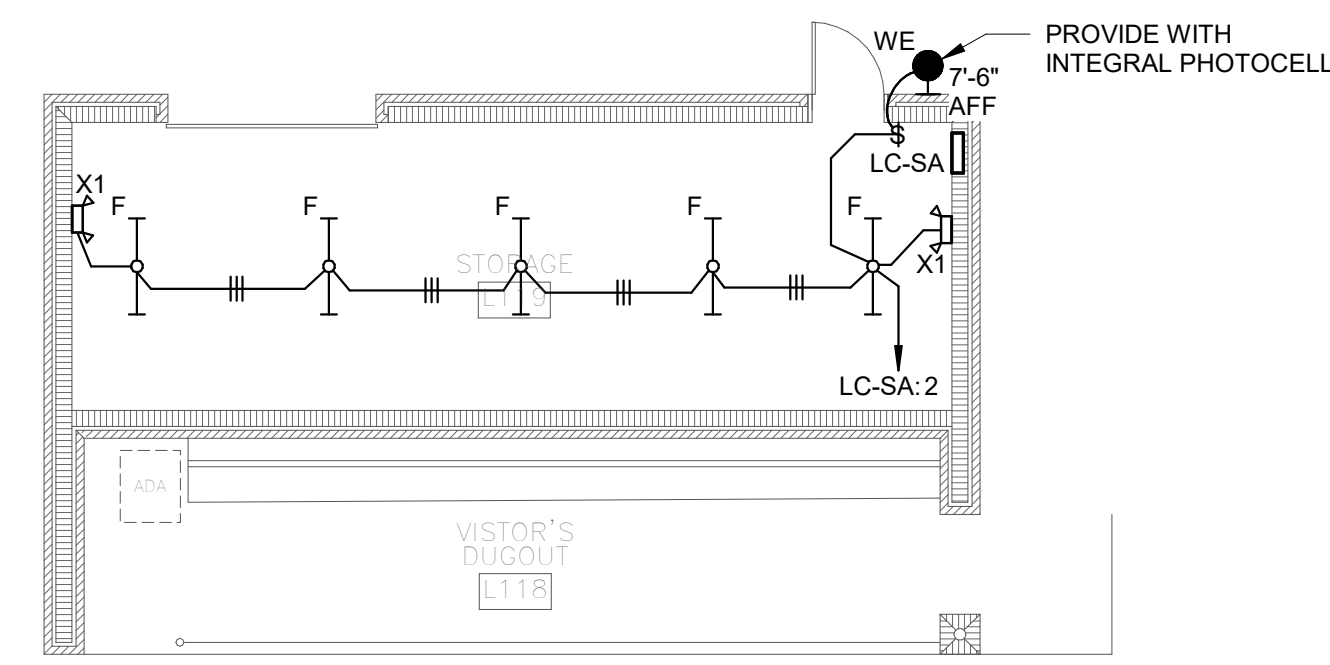
2 LIGHTING - BASEBALL HOME DUGOUT FLOOR PLAN
1/8" = 1'-0"



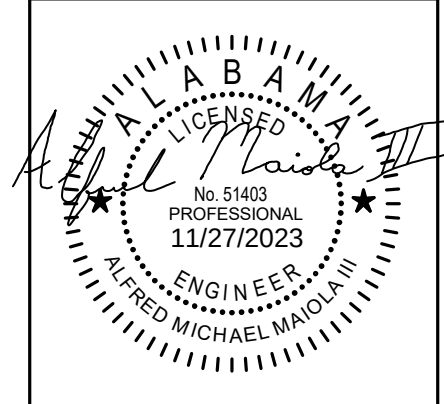
3 LIGHTING - BASEBALL VISITOR DUGOUT FLOOR PLAN
1/8" = 1'-0"



4 LIGHTING - SOFTBALL HOME DUGOUT FLOOR PLAN
1/8" = 1'-0"



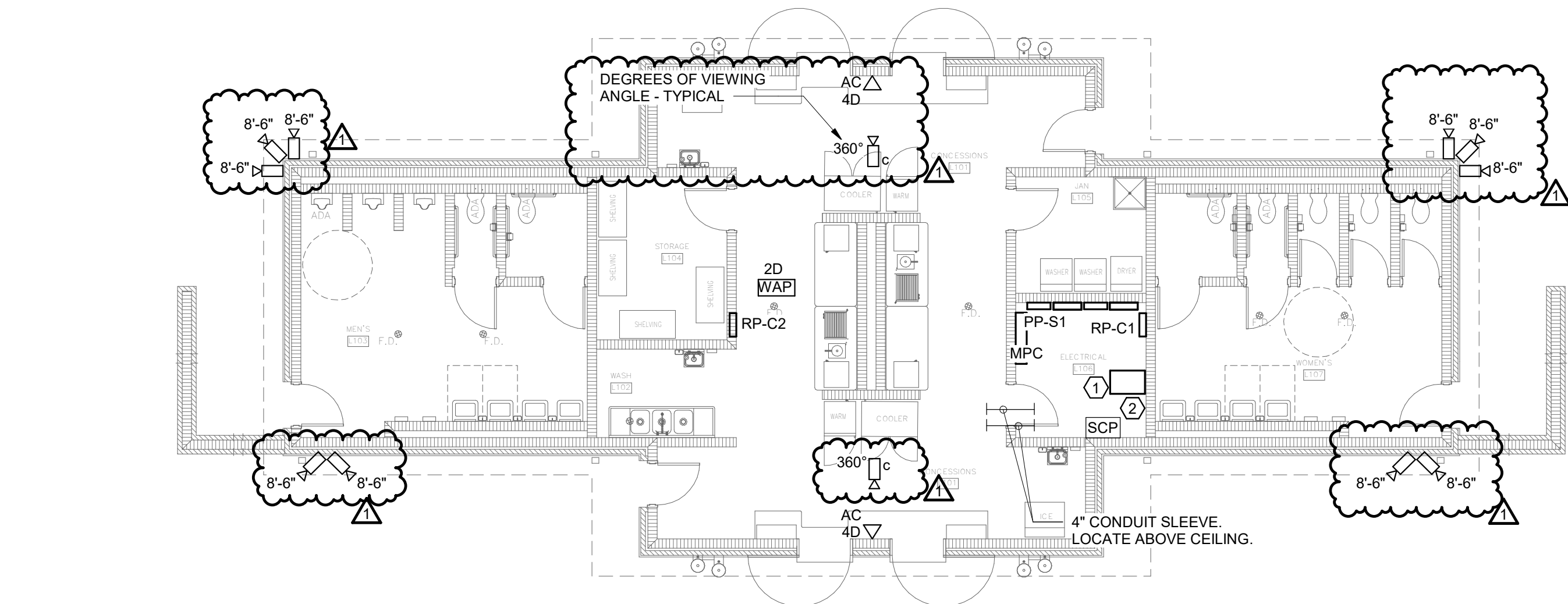
5 LIGHTING - SOFTBALL VISITOR DUGOUT FLOOR PLAN
1/8" = 1'-0"



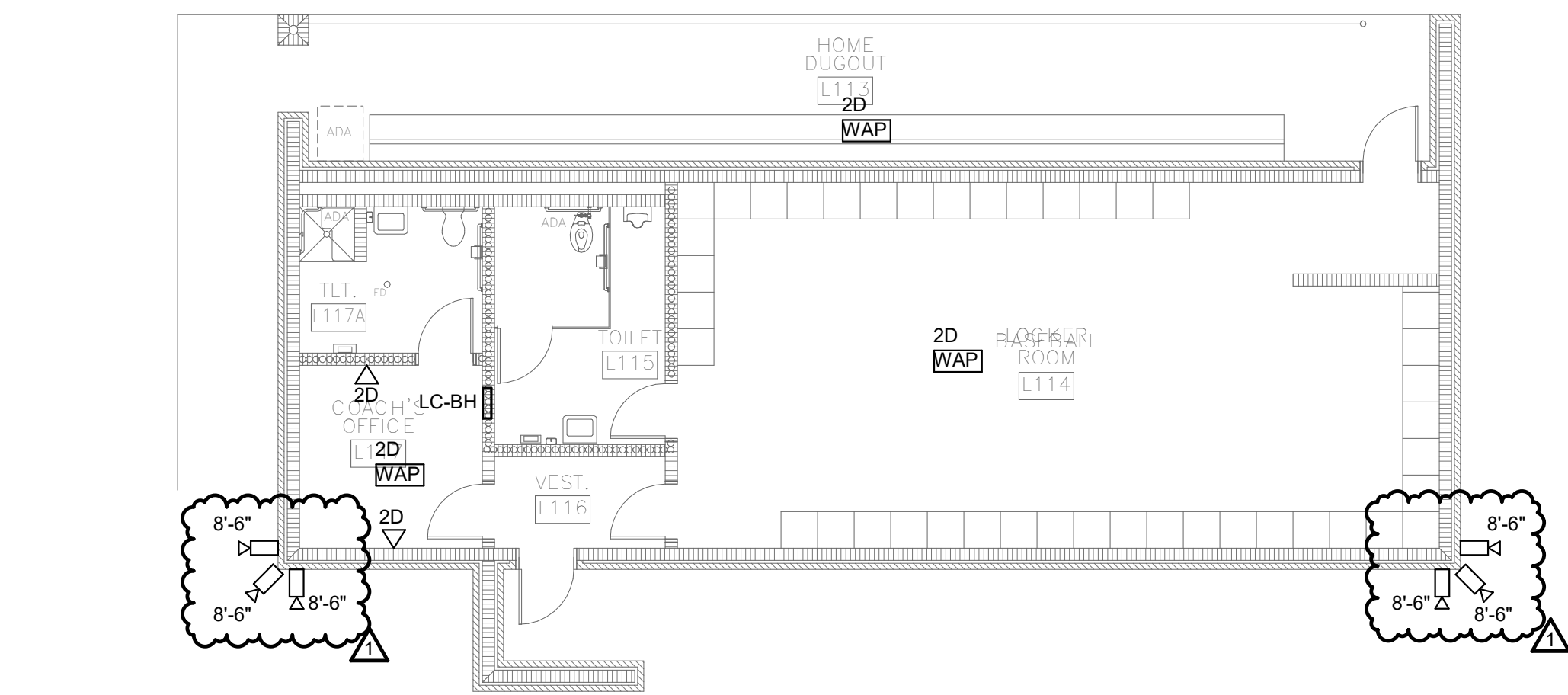
SHEET TITLE:
ELECTRICAL - LIGHTING
FLOOR PLANS

PROJ. MGR.:	—	AM
DRAWN:	—	DB
DATE:	—	10/24/23
REVISIONS		
1	11/27/23	Addendum No.1

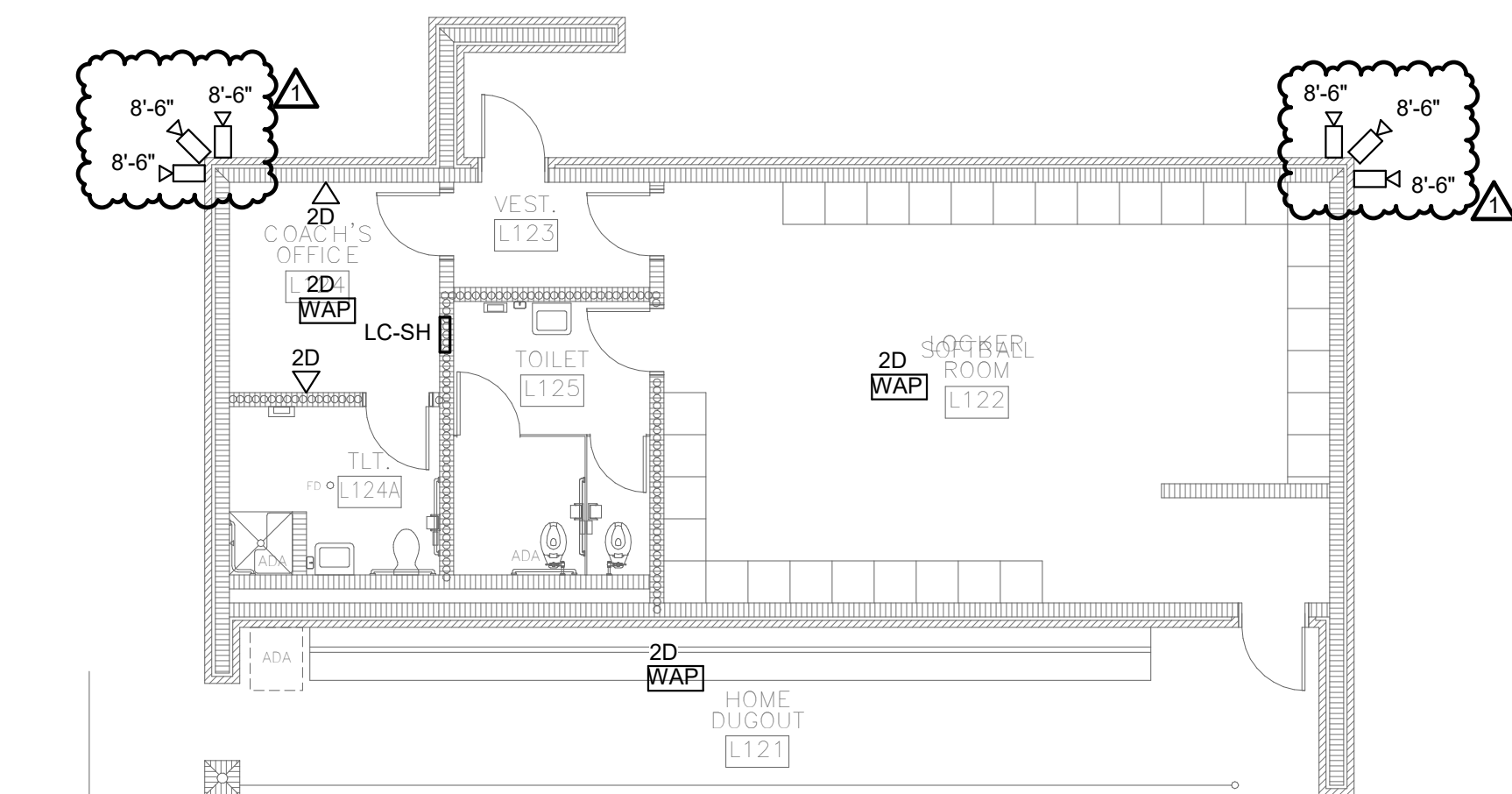
JOB NO. 23-66
SHEET NO:



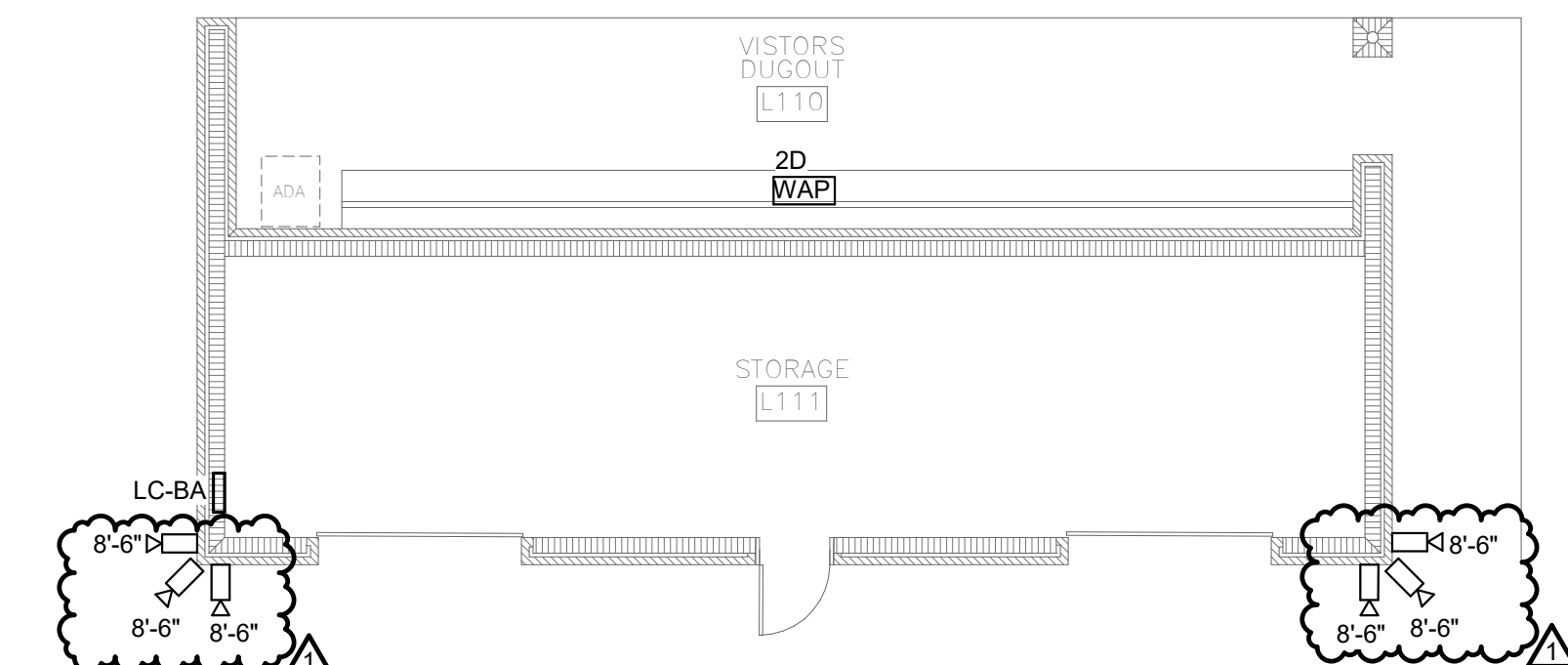
1 AUXILIARY - CONCESSIONS FLOOR PLAN
1/8" = 1'-0"



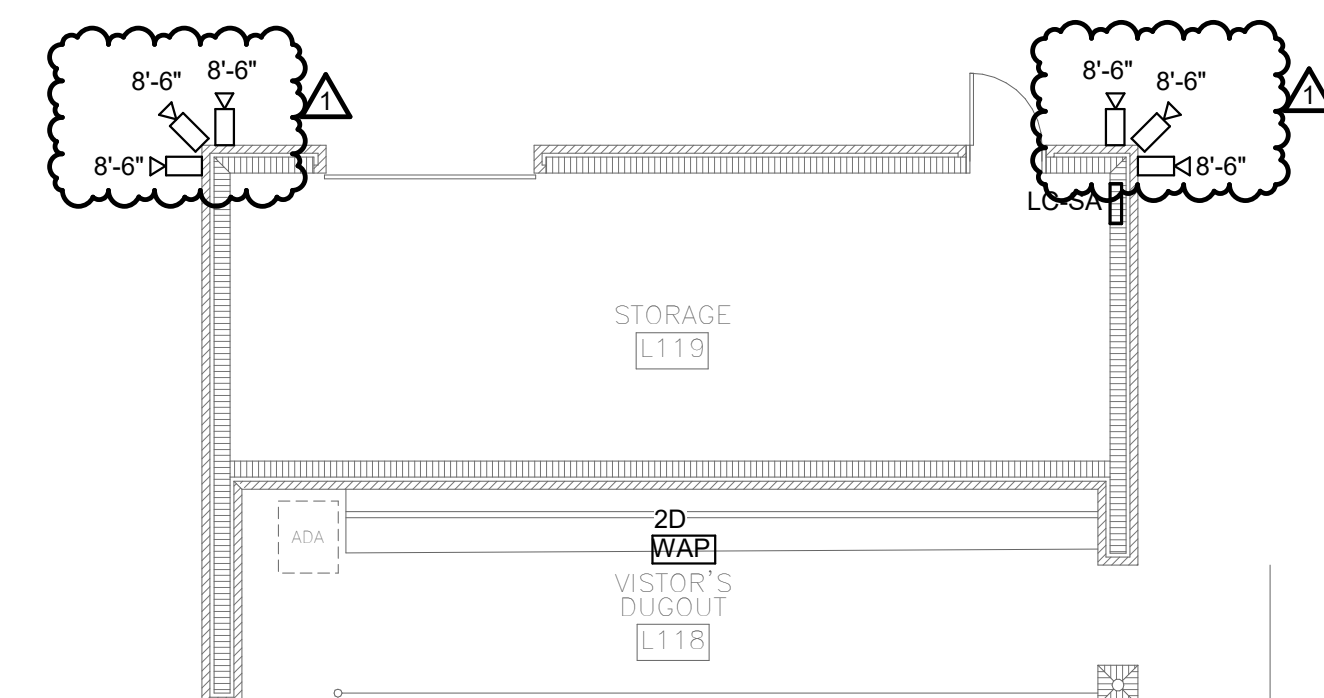
2 AUXILIARY - BASEBALL HOME DUGOUT FLOOR PLAN
1/8" = 1'-0"



4 AUXILIARY - SOFTBALL HOME DUGOUT FLOOR PLAN
1/8" = 1'-0"



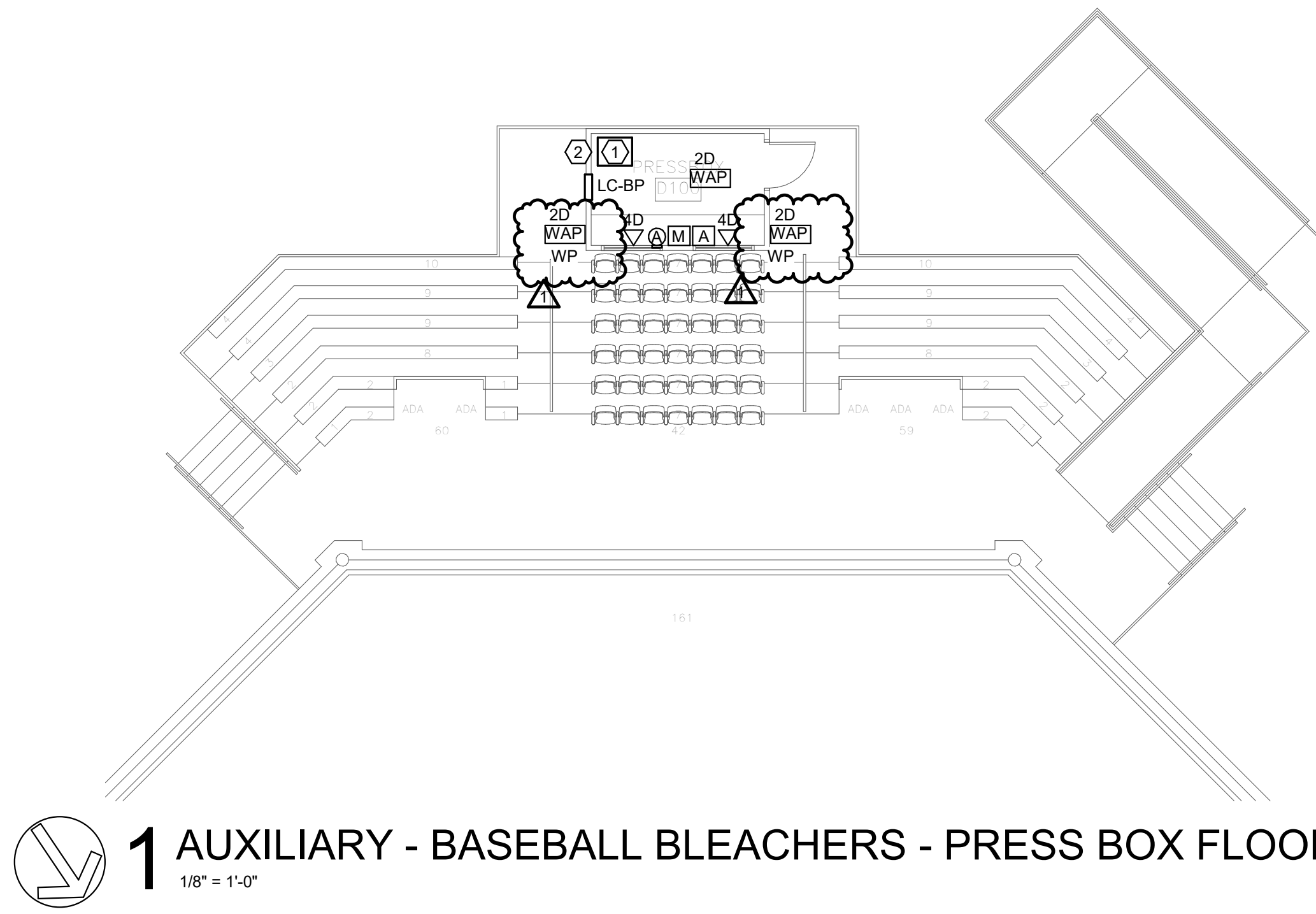
3 AUXILIARY - BASEBALL VISITOR DUGOUT FLOOR PLAN
1/8" = 1'-0"



5 AUXILIARY - SOFTBALL VISITOR DUGOUT FLOOR PLAN
1/8" = 1'-0"

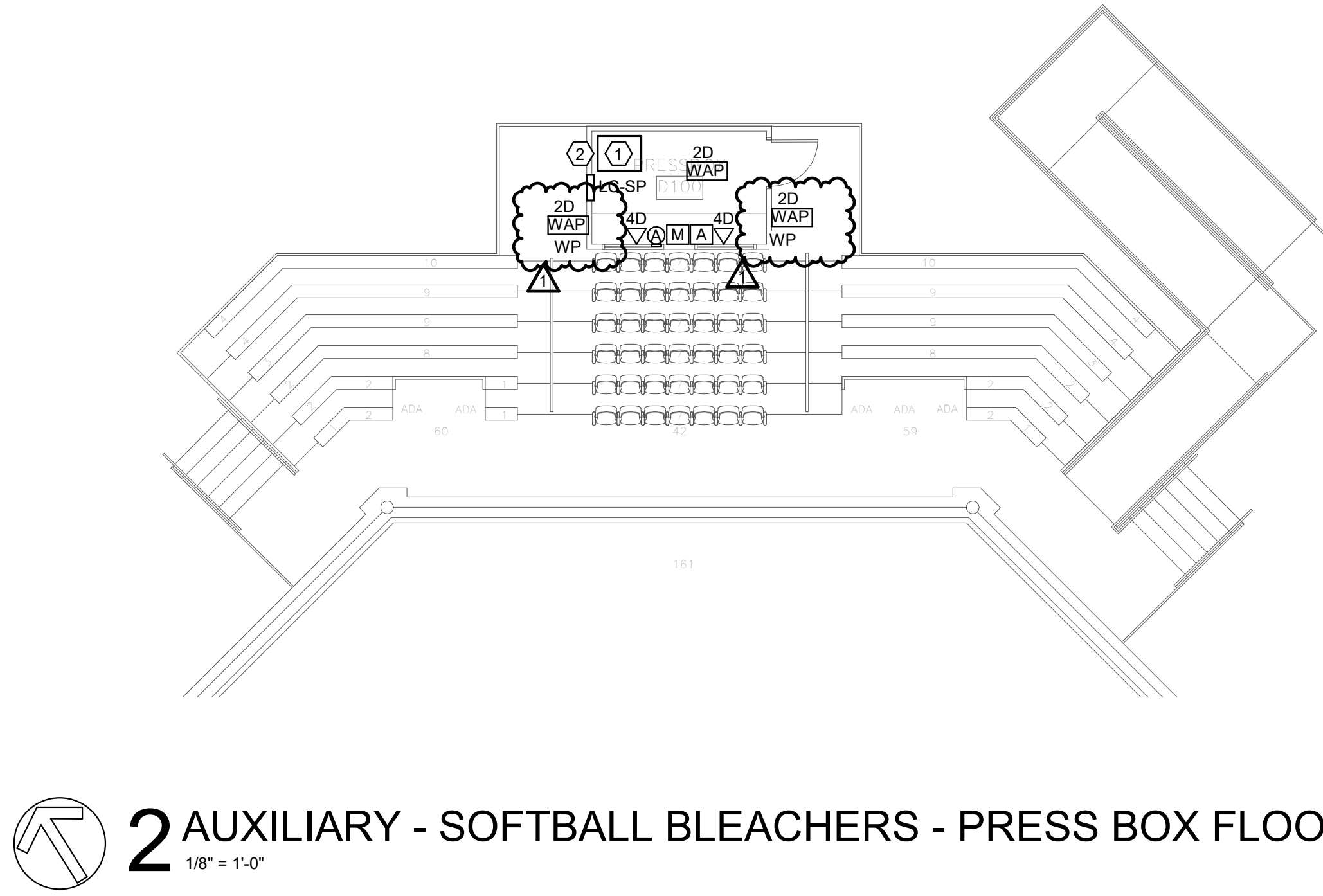
- SHEET KEYNOTES:**
- 4 POST DATA RACK, LOCATE SO THAT VERTICAL CABLE MANAGEMENT IS NEATLY INSTALLED AGAINST WALL FOR CABLE ROUTING.
 - PROVIDE TBB GROUND BAR, CONNECT WITH #30 COPPER WIRE BACK TO MAIN GROUND BAR.

- AUXILIARY PLANS - GENERAL NOTES:**
- SECURITY**
- A. CONTRACTOR SHALL PROVIDE A COMPLETE SECURITY SYSTEM. THIS INCLUDES PROVIDING ALL DEVICES, HEAD-END EQUIPMENT, CABLING, COMPONENTS, TESTING, ETC. FOR A COMPLETE SYSTEM READY TO BE TURNED OVER TO OWNER AT JOB COMPLETION. COORDINATE WITH NSIDE (SECURITY VENDOR) PRIOR TO CONSTRUCTION.
- B. ALL SECURITY SYSTEMS/DEVICES SHALL BE THROUGH "NSIDE" CONTACT: Alan Bentley; alan@nside.io; (p) 800-604-1822; (m) 334-304-0382
- C. COORDINATE ALL DEVICES, LOCATIONS, INSTALLATION PLAN, ETC WITH OWNER AND NSIDE PRIOR TO ROUGH-IN.
- D. ALL SECURITY DEVICES AND CABLING SHALL BE INSTALLED IN CONDUIT AND BOXES PER SPECIFICATIONS 16110 AND 16130 WHERE INSTALLED IN-WALL OR UNDERGROUND. ALL RACEWAYS SHALL HAVE BUSHINGS AND PULLSTRINGS.
- E. SECURITY CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING THROUGH J-HOOKS. PROVIDE J-HOOKS TO ALL SECURITY OUTLETS SO THAT NO CABLE IN UNSUPPORTED MORE THAN 5'-0".
- F. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING FINAL DEVICE LOCATIONS, WIRING, INSTALLATION DETAILS, AND CAMERA COVERAGE LAYOUT PRIOR TO INSTALLATION.
- G. ALL EXTERIOR CAMERAS SHALL BE WEATHERPROOF. PROVIDE THE FOLLOWING DEVICES:
- EXTERIOR CAMERAS: MANUFACTURER: RHOMBUS, MODEL #: R510
 - INTERIOR 360 DEGREES CAMERAS: MANUFACTURER: RHOMBUS, MODEL #: R360
- AUDIO/PUBLIC ANNOUNCEMENT/SOUND:**
- A. CONTRACTOR SHALL PROVIDE A COMPLETE AUDIO SYSTEM AT BASEBALL AND SOFTBALL FIELDS. THIS INCLUDES PROVIDING ALL DEVICES, HEAD-END EQUIPMENT, CABLING, COMPONENTS, TESTING, ETC. FOR A COMPLETE SYSTEM READY TO BE TURNED OVER TO OWNER AT JOB COMPLETION. BASIS OF DESIGN BASED UPON BIAMP. SYSTEM SHALL BE BY BIAMP OR AN APPROVED EQUAL. ALL SUBSTITUTION REQUESTS SHALL BE SUBMITTED WITH SHOP DRAWINGS, MANUFACTURER DATA SHEETS, ETC. IN ACCORDANCE TO SPECIFICATIONS SHOWING SOUND LEVELS ON ALL THE ZONES (INFIELD, OUTFIELD, BLEACHERS, BULLPENS) WITH AVERAGE, MAX, AND MIN LEVELS.
- B. COORDINATE ALL DEVICES, LOCATIONS, INSTALLATION PLAN, ETC WITH OWNER PRIOR TO ROUGH-IN. COORDINATE MOUNTING OF SPEAKERS AND RACEWAYS ON SPORTS LIGHTING POLES WITH SPORTS LIGHTING EQUIPMENT MANUFACTURER.
- C. ALL AUDIO DEVICES AND CABLING SHALL BE INSTALLED IN CONDUIT AND BOXES PER SPECIFICATIONS 16110 AND 16130 WHERE INSTALLED IN-WALL OR UNDERGROUND. ALL RACEWAYS SHALL HAVE BUSHINGS AND PULLSTRINGS.
- D. AUDIO CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING THROUGH J-HOOKS. PROVIDE J-HOOKS TO ALL SECURITY OUTLETS SO THAT NO CABLE IN UNSUPPORTED MORE THAN 5'-0". ALL CABLING OUTSIDE, UNDERGROUND, OR EXPOSED SHALL BE IN CONDUIT.
- E. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING FINAL DEVICE LOCATIONS, WIRING, AND INSTALLATION DETAILS PRIOR TO INSTALLATION.
- F. SYSTEM FEATURES SHALL INCLUDE THE FOLLOWING:
- COVERAGE TO PROVIDE AUDIO THROUGHOUT THE INFELD, OUTFIELD AND BLEACHERS
 - WEATHER RESISTANT OUTDOOR LOUDSPEAKERS WITH HIGH-QUALITY VOICE AND MUSIC REPRODUCTION
 - BLUETOOTH MIXER AMPLIFIER TO PLAY MUSIC FROM ANY BLUETOOTH ENABLED DEVICE
 - WIRELESS HANDHELD MICROPHONES WITH MINIMUM 300' OPERATING RANGE
 - HANDHELD ANNOUNCEMENT MIC WITH A QUIET ON/OFF SWITCH AND DESKTOP STAND FOR THE PRESSBOX
 - AUDIO FOR ANNOUNCEMENTS, PLAY-BY-PLAYS, PAGING AND MUSIC
- G. ALL SPEAKERS SHALL BE R.5-96MAX (OR EQUAL), 90" x 60" NOMINAL BEAMWIDTH. SPEAKERS SHALL PRODUCE AN AVERAGE BROADBAND OF 96.1 dB, MAX LEVEL 104.2 dB AND MINIMUM LEVEL 90.3 dB.
- H. AMPLIFIERS SHALL BE AN ALC-3202D (OR EQUAL) TO PRODUCE AN AVERAGE BROADBAND OF 96.1 dB. EACH SHALL BE CAPABLE OF CONNECTING TWO CHANNELS:
- AMPLIFIER #1 - CHANNEL A - BLEACHER
 - AMPLIFIER #1 - CHANNEL B - FIELD / DUGOUT
 - AMPLIFIER #2 - CHANNEL A - OUTFIELD / BULLPEN
 - AMPLIFIER #2 - CHANNEL B - OUTFIELD / BULLPEN
- I. FOR EACH PRESSBOX, PROVIDE THE FOLLOWING ACCESSORIES (OR EQUAL FOR EACH):
- EXUBT - REMOTE EXPANDER
 - TEC-X1000 - NETWORKED AV CONTROL PAD
 - ALC-3202D - LOUDSPEAKER CONTROLLER
 - NMS-NG10GPX-AVB - NETWORK SWITCH
 - TESIRAFORTE DAN AI - AUDIO SERVER
 - WIRELESS HANDHELD MICROPHONE COMPATIBLE WITH SYSTEM
- J. ALL SPEAKER WIRE SHALL BE 16/2 SPEAKER WIRE MINIMUM OR AS RECOMMENDED BY THE MANUFACTURER.
- K. INSTALLER SHALL BE CERTIFIED BY THE MANUFACTURER AS AN APPROVED INSTALLER OF THE PRODUCTS.
- VOICE/DATA**
- A. CONTRACTOR SHALL PROVIDE A COMPLETE STRUTURED CABLING SYSTEM. THIS INCLUDES PROVIDE ALL DEVICES, HEAD-END EQUIPMENT, CABLING, COMPONENTS, TESTINGS, ETC. FOR A COMPLETE SYSTEM READY TO BE TURNED OVER TO OWNER AT JOB COMPLETION.
- B. COORDINATE ALL DEVICES, LOCATIONS, INSTALLATION PLAN, ETC WITH OWNER PRIOR TO ROUGH-IN. OWNER WILL PROVIDE WIRELESS ACCESS POINT DEVICES, SWITCHES, AND UPSs.
- C. ALL LOW VOLTAGE DEVICES AND CABLING SHALL BE INSTALLED IN CONDUIT AND BOXES PER SPECIFICATIONS 16110 AND 16130 WHERE INSTALLED IN-WALL OR UNDERGROUND. ALL RACEWAYS SHALL HAVE BUSHINGS AND PULLSTRINGS.
- D. LOW VOLTAGE CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING THROUGH J-HOOKS. PROVIDE J-HOOKS TO ALL SECURITY OUTLETS SO THAT NO CABLE IN UNSUPPORTED MORE THAN 5'-0".
- E. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS SHOWING FINAL DEVICE LOCATIONS, WIRING, AND INSTALLATION DETAILS PRIOR TO INSTALLATION.
- F. ALL DATA HOMERUNS SHALL BE RAN AS FOLLOWS:
- DEVICES IN CONCESSION STAND - CONCESSION STAND DATA RACK
 - DEVICES IN BASEBALL DUGOUTS (HOME AND AWAY) AND BASEBALL PRESSBOX - WALL MOUNTED DATA RACK WITHIN BASEBALL PRESSBOX
 - DEVICES IN SOFTBALL DUGOUTS (HOME AND AWAY) AND SOFTBALL PRESSBOX - WALL MOUNTED DATA RACK WITHIN SOFTBALL PRESSBOX



1 AUXILIARY - BASEBALL BLEACHERS - PRESS BOX FLOOR PLAN

1/8" = 1'-0"



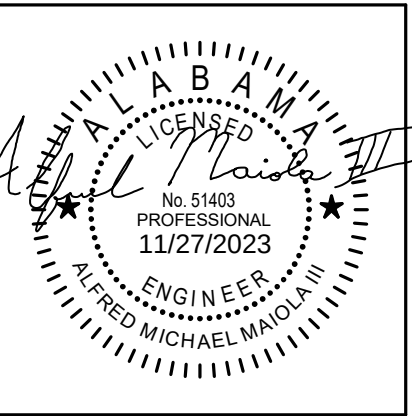
2 AUXILIARY - SOFTBALL BLEACHERS - PRESS BOX FLOOR PLAN

1/8" = 1'-0"

SHEET KEYNOTES:

- 1 WALL MOUNTED DATA RACK. LOCATE SO THAT VERTICAL CABLE MANAGEMENT IS NEATLY INSTALLED AGAINST WALL FOR CABLE ROUTING.
- 2 PROVIDE TBB GROUND BAR. CONNECT WITH #6 COPPER WIRE BACK TO LOAD CENTER GROUND BAR. MOUNT AT SAME HEIGHT AS DATA RACK.

BASEBALL AND SOFTBALL COMPLEX RENEWAL FOR
GADSDEN STATE COMMUNITY COLLEGE
1001 GEORGE WALLACE DRIVE
GADSDEN, ALABAMA 35903



SHEET TITLE:
ELECTRICAL - AUXILIARY
FLOOR PLANS

PROJ. MGR.:	—	AM
DRAWN:	—	DB
DATE:	—	10/24/23
REVISIONS		
1	11/27/23	Addendum No.1