

THE CITY OF HOMEWOOD

HOMEWOOD ATHLETIC COMPLEX PICKLEBALL COURTS

HOMEWOOD, AL

Drawing Issue Date : 06/18/25



PREPARED BY:
HNP LANDSCAPE
ARCHITECTURE

HNP Project Number : C24057

ELECTRICAL ENGINEER:

JACKSON, RENFRO & ASSOCIATES, INC.
ELECTRICAL ENGINEERING & DESIGN
31 INVERNESS CENTER PARKWAY | SUITE 300 | BIRMINGHAM, AL 35242
PHIL BLACK, SENIOR PRINCIPAL
(205) 995-1078

PROJECT MANGAGER:

THE PENNINGTON GROUP, INC.
2811 CRESCENT AVE. | SUITE 101 | BIRMINGHAM, AL 35209
COREY L. WEAVER, VICE PRESIDENT (OWNER/ SECRETARY)
(205) 802-1156

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PROJECT LOCATION MAP



REVISIONS:

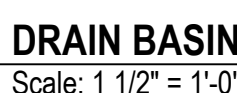
ISSUED:
06/18/25 BID SET

SHEET TITLE:
COVER SHEET

DRAWN: WL CHECKED: SMH
SHEET

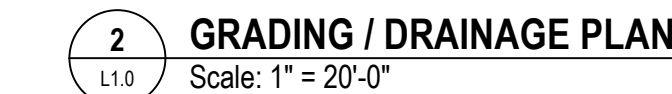
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DCM # : 2025XXX
PROJECT # : C24057

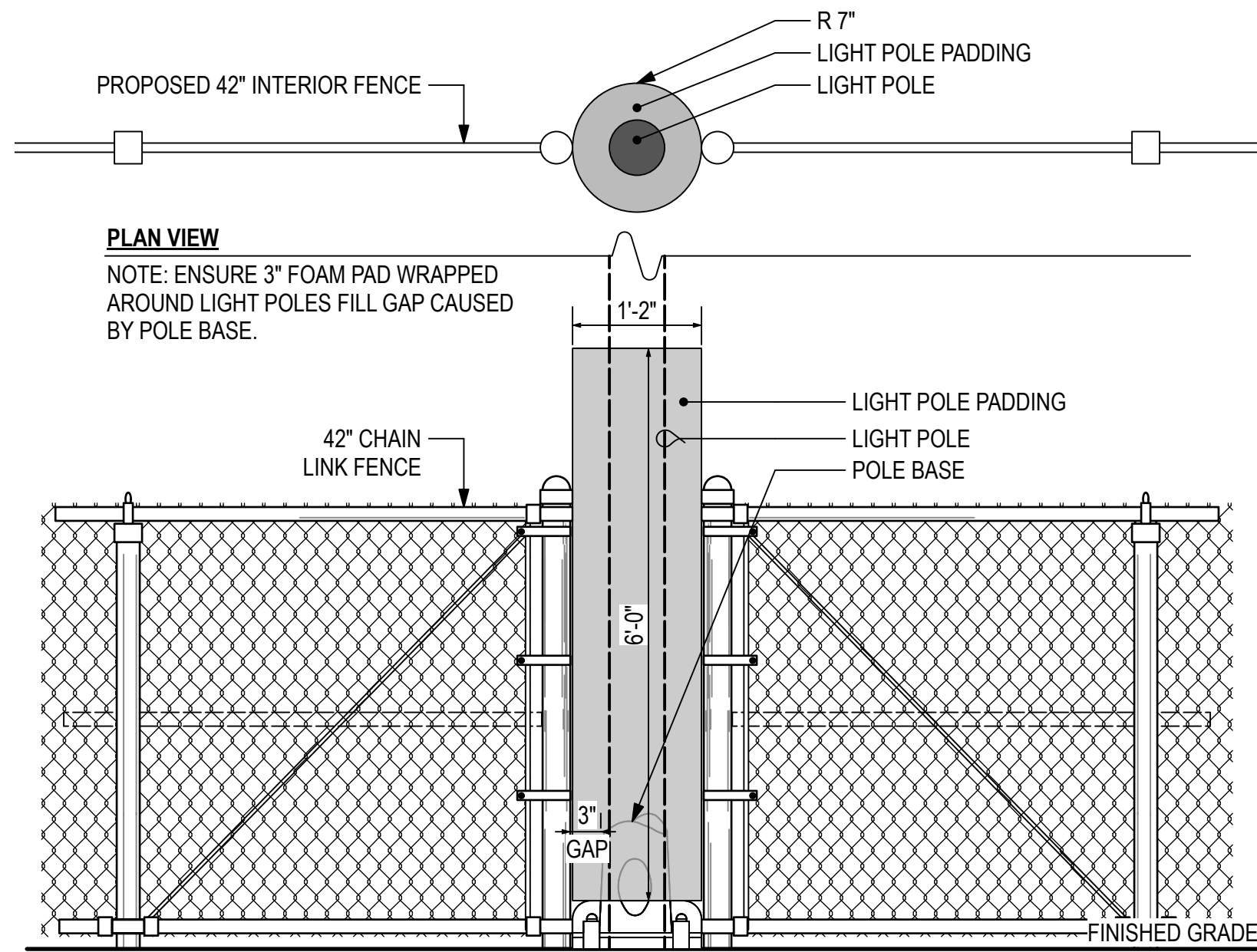
1. ALL WORK WILL CONFORM TO ALL LOCAL, COUNTY AND STATE CODES AND REGULATIONS. OBTAIN ALL CONSTRUCTIONS, LICENSES, ETC. REQUIRED FOR EXECUTION OF WORK.
2. THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.
3. LOCATE UTILITIES PRIOR TO ALL EXCAVATIONS, INCLUDING TREE PITS.
4. LAYOUT WORK AND VERIFY ALL DIMENSIONS PRIOR TO ACTUAL CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BEFORE CONTINUING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING SITE LAYOUT, GRADES, AND LIMIT OF WORK. THE WORK MUST BE STAKED BY A LICENSED SURVEYOR. DIMENSIONS ARE GIVEN FROM BACK OF CURB, FACE OF STRUCTURE OR THE IDENTIFIED CENTERLINES.
5. CONDUCT ALL OPERATIONS TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING VEGETATION AND STRUCTURES TO REMAIN.
6. 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.
7. ANY VARIATION FROM DRAWINGS OR SUBSTITUTIONS IN MATERIALS WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT ONLY.
8. CHECK DIMENSIONS GIVEN ARE FOR FIELD VERIFICATION OF LAYOUT. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
9. ALL UTILITY ACCESS POINTS (VALVE BOXES, METER COVERS, ETC.) TO BE RAISED OR LOWERED TO MATCH FINISHED GRADE. REUSE EXISTING COVERS OR SUPPLY NEW COVERS AS REQUIRED.
10. CLEANOUTS/CLEANOUT COVERS IN PAVING SHALL BE HEAVY DUTY, ADJUSTABLE TYPE WITH SCORIATED BRONZE METAL COVERS WITH VANDAL-PROOF SCREWS, AND COATED CAST IRON BODY. ZURN ZB1400-HD-VP OR APPROVED SUBSTITUTE. SIZE AS REQ'D FOR ACCESS AND SHALL BE MIN. 4" AND MAX. 8" UNLESS APPROVED BY LANDSCAPE ARCHITECT. COVERS/FRAMES SHALL BE SET PERFECTLY FLUSH IN SURROUNDING PAVING.
11. REMOVE ALL CONSTRUCTION DEBRIS AND BASE MATERIAL FROM PLANTING BEDS, ISLANDS, ETC. AND LEAVE READY FOR TOPSOIL PLACEMENT AND PLANTING. CONFIRM ADEQUATE DRAINAGE IN ALL PLANTING AREAS. NOTIFY LANDSCAPE ARCHITECT OF UNSATISFACTORY CONDITIONS.
12. 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. 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. MAXIMUM CROSS SLOPE ON ANY WALK/ PLAZA IS 2.0%; RUNNING SLOPE MAX. 5%.
6. CONTRACTOR RESPONSIBLE TO FINE GRADE SUCH THAT POSITIVE DRAINAGE IS MAINTAINED ON ALL SURFACES AT ALL TIMES
7. CONTRACTOR SHALL MAINTAIN "BEST MANAGEMENT PRACTICES" AND ADHERE TO RECOMMENDATIONS AS OUTLINED IN U.S. DEPARTMENT OR TRANSPORTATION REPORT NO. FHWA-FL-94-005 "BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL".

1. 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.
2. 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.
3. THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.
4. REMOVE BASE MATERIAL, ROCKS, DEBRIS, ETC. FROM PLANTING AREAS BEFORE PLANTING OPERATIONS BEGIN.
5. 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 PAVES, 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.

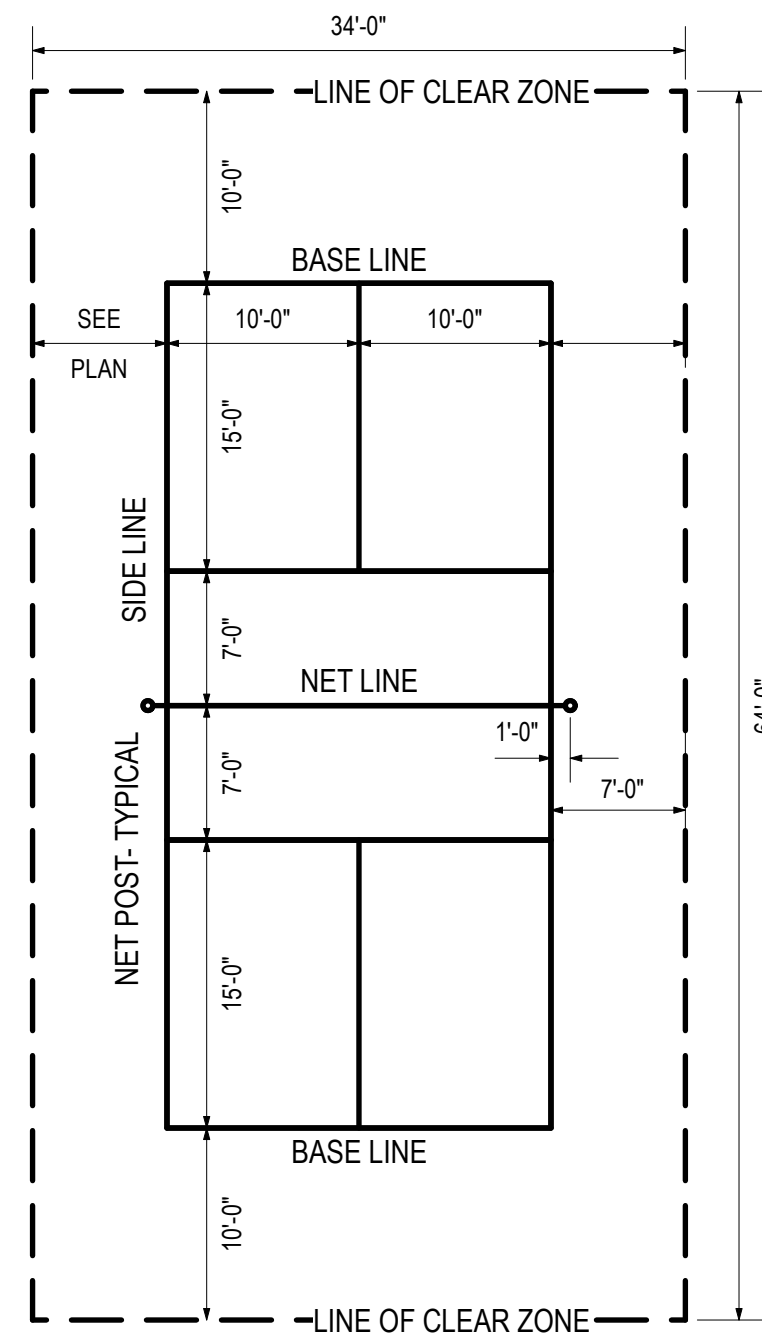




4 LIGHT POST PADDING
Scale: NOT TO SCALE



IMAGE REFERENCE:
Tennis Bench by Sun Trends

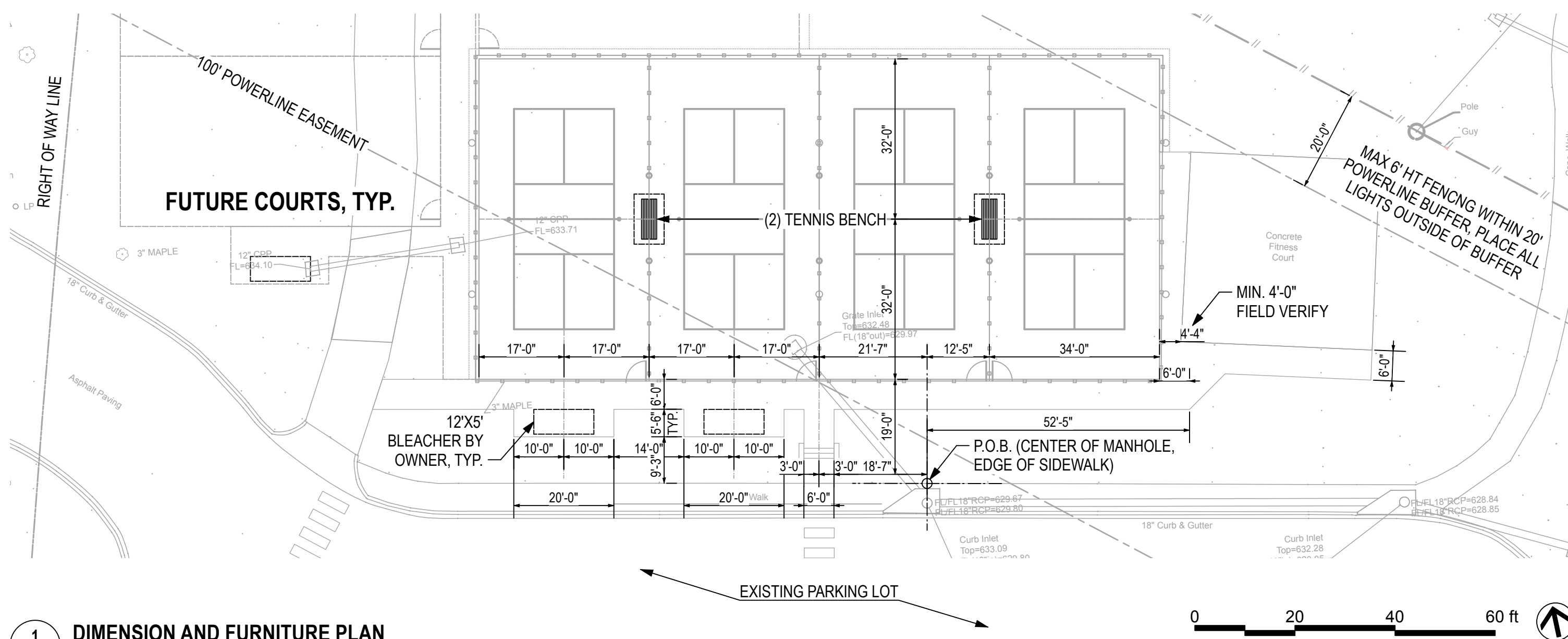


5 TYP. PICKLEBALL LAYOUT
Scale: 1" = 10'-0"

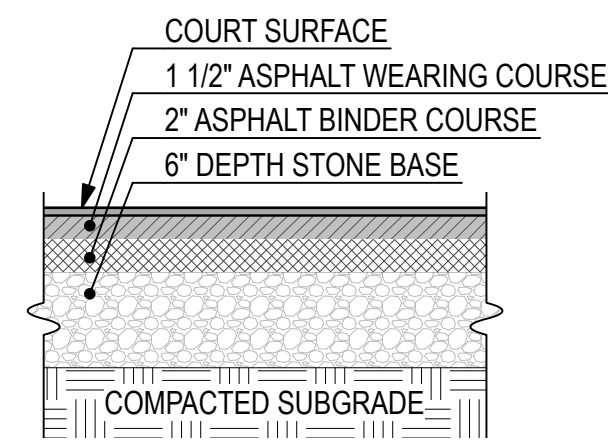
SITE EQUIPMENT NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.

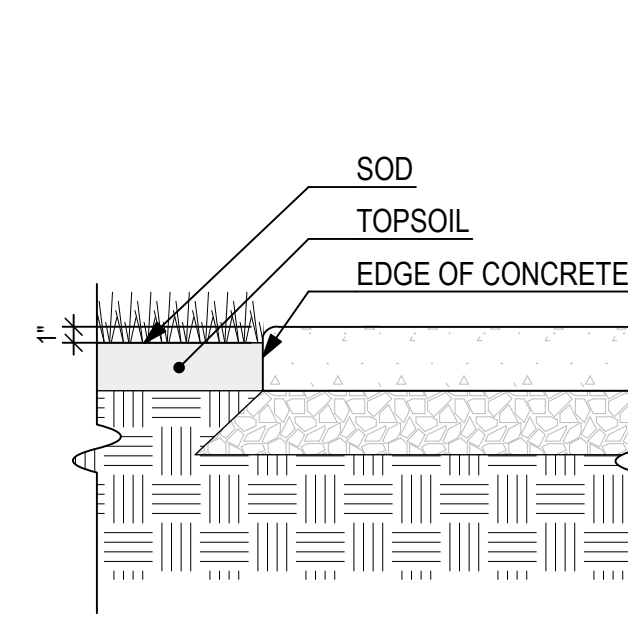
SITE FURNITURE SCHEDULE								
Quantity	Item	Manufacturer	Model #	Dimension	Color	Website	Contact	Notes
2	Court Bench	SunTrends	Cabana Bench w/ Canopy	8'-0"	Black / Black Awning	hartru.com, doittennis.com, sun-trends.com	877-442-7878	Direct Burial, 2-Sided w/ Backrest



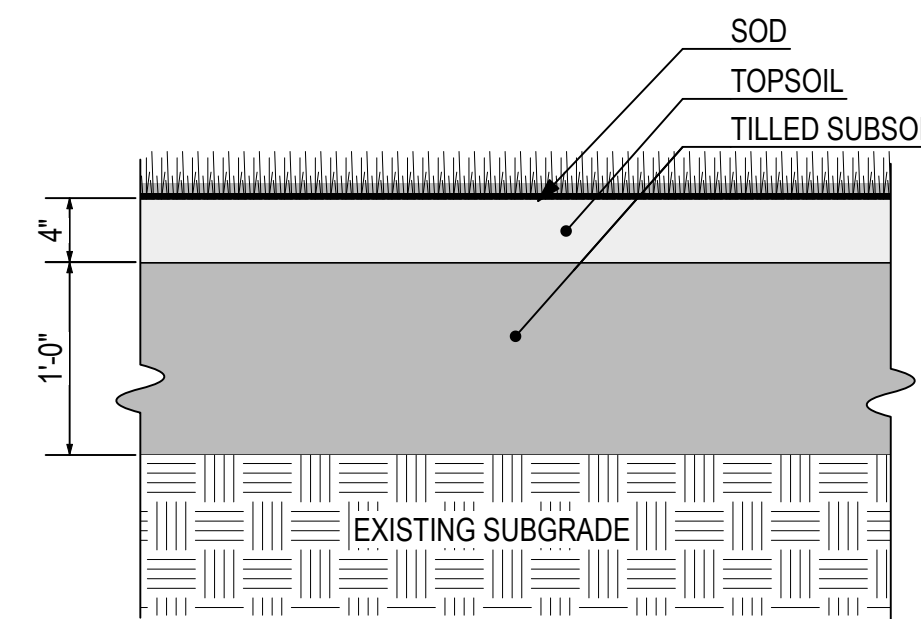
1 DIMENSION AND FURNITURE PLAN
Scale: 1" = 20'-0"



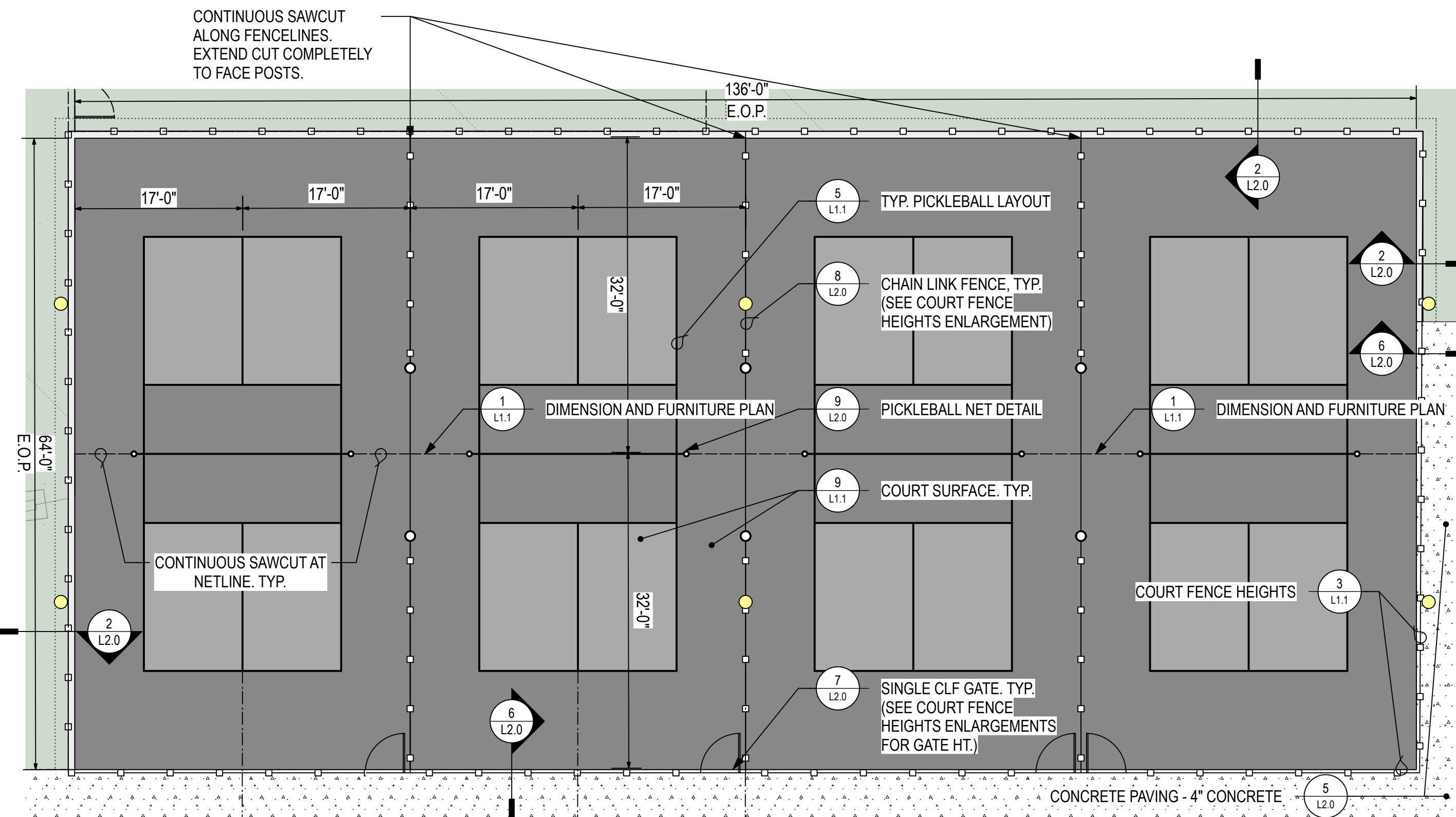
6 COURT SURFACE. TYP.
Scale: 1" = 1'-0"



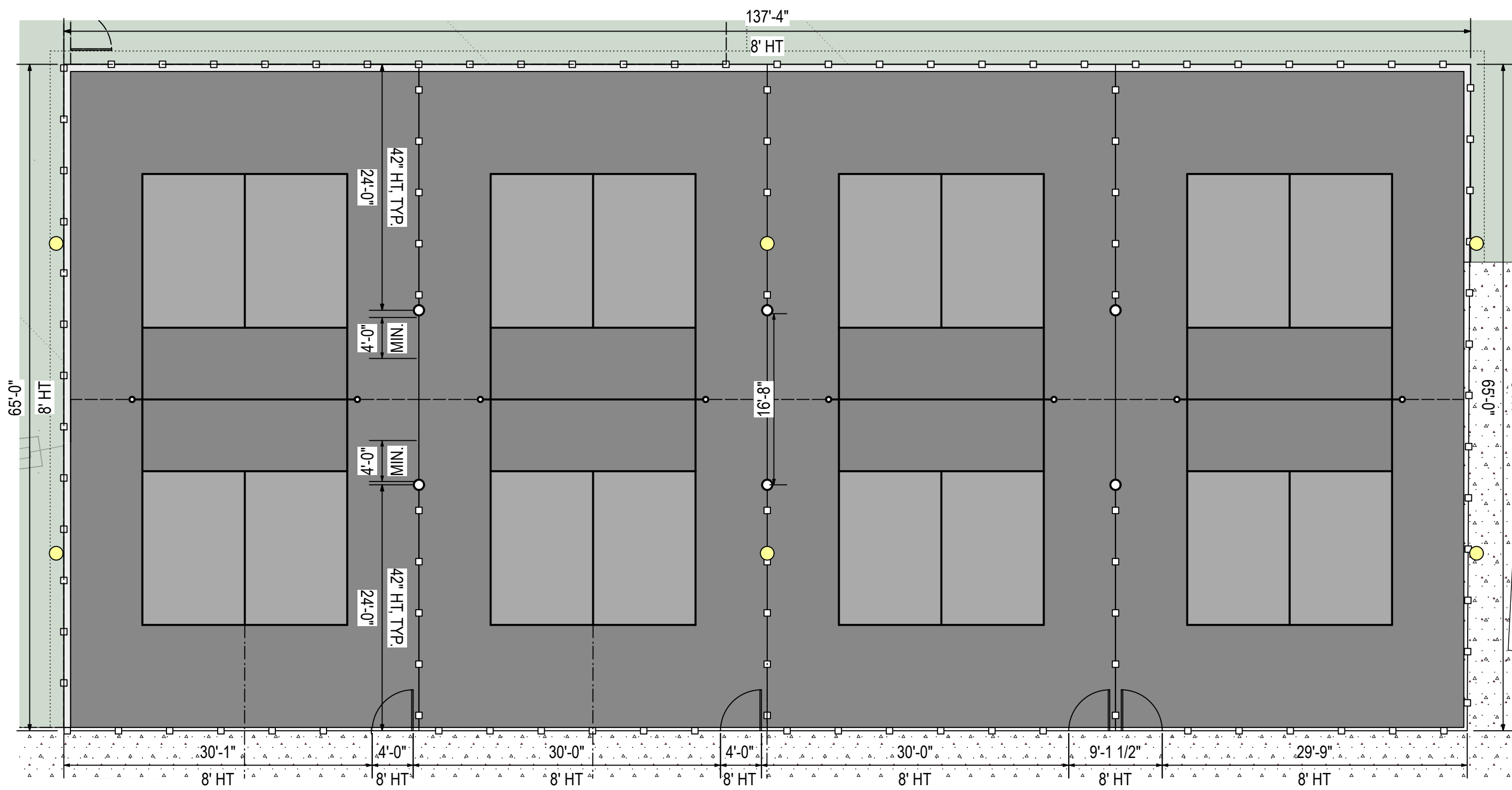
7 SOD AT EDGE OF CONCRETE. TYP.
Scale: 1" = 1'-0"



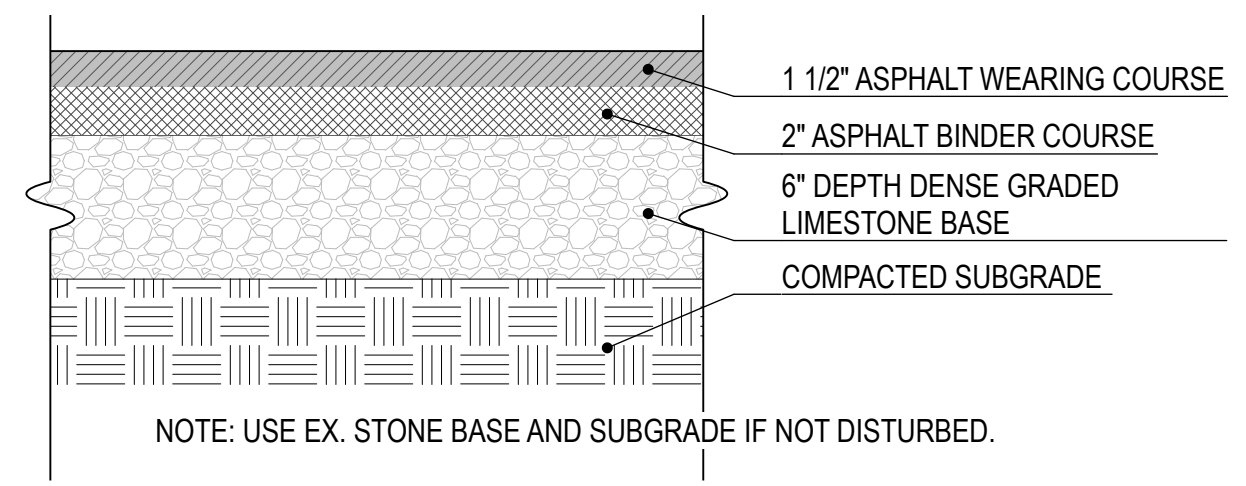
8 SOD PLANTING. TYP.
Scale: 1" = 1'-0"



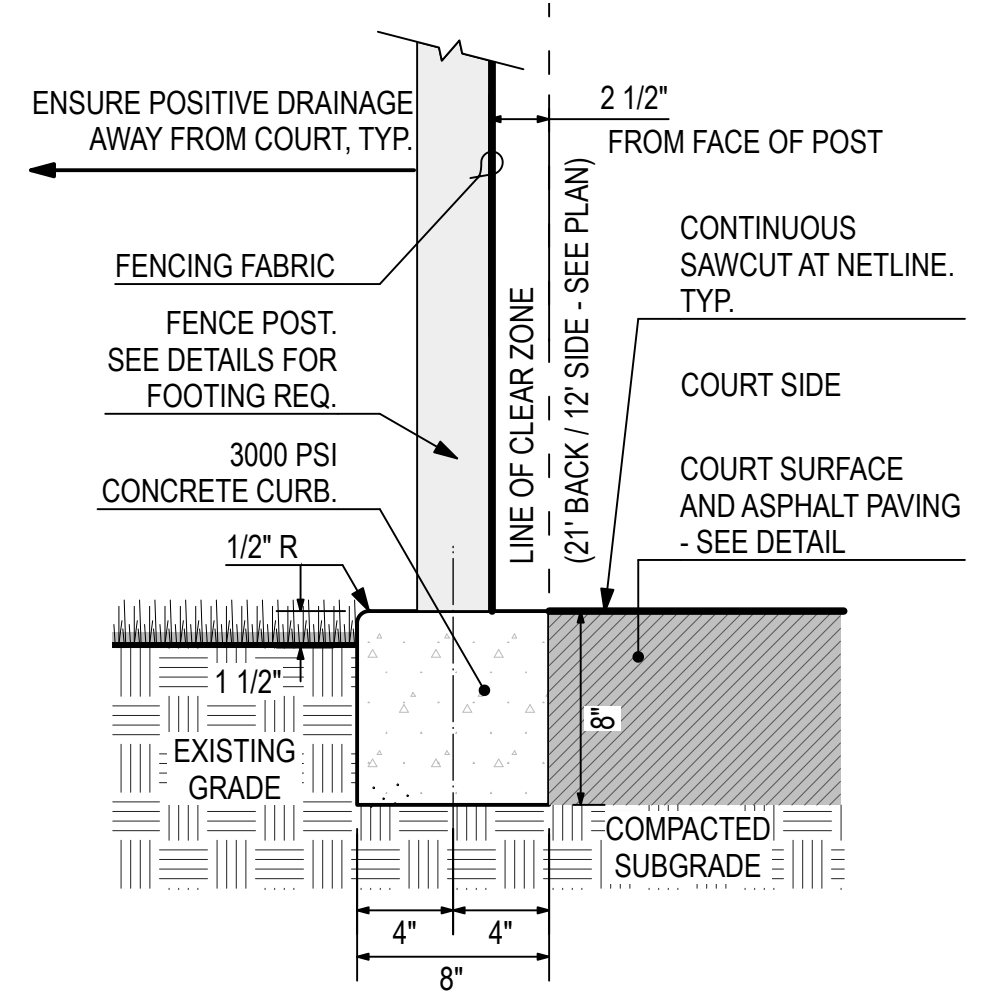
2 COURT ENLARGEMENT
Scale: 1" = 10'-0"



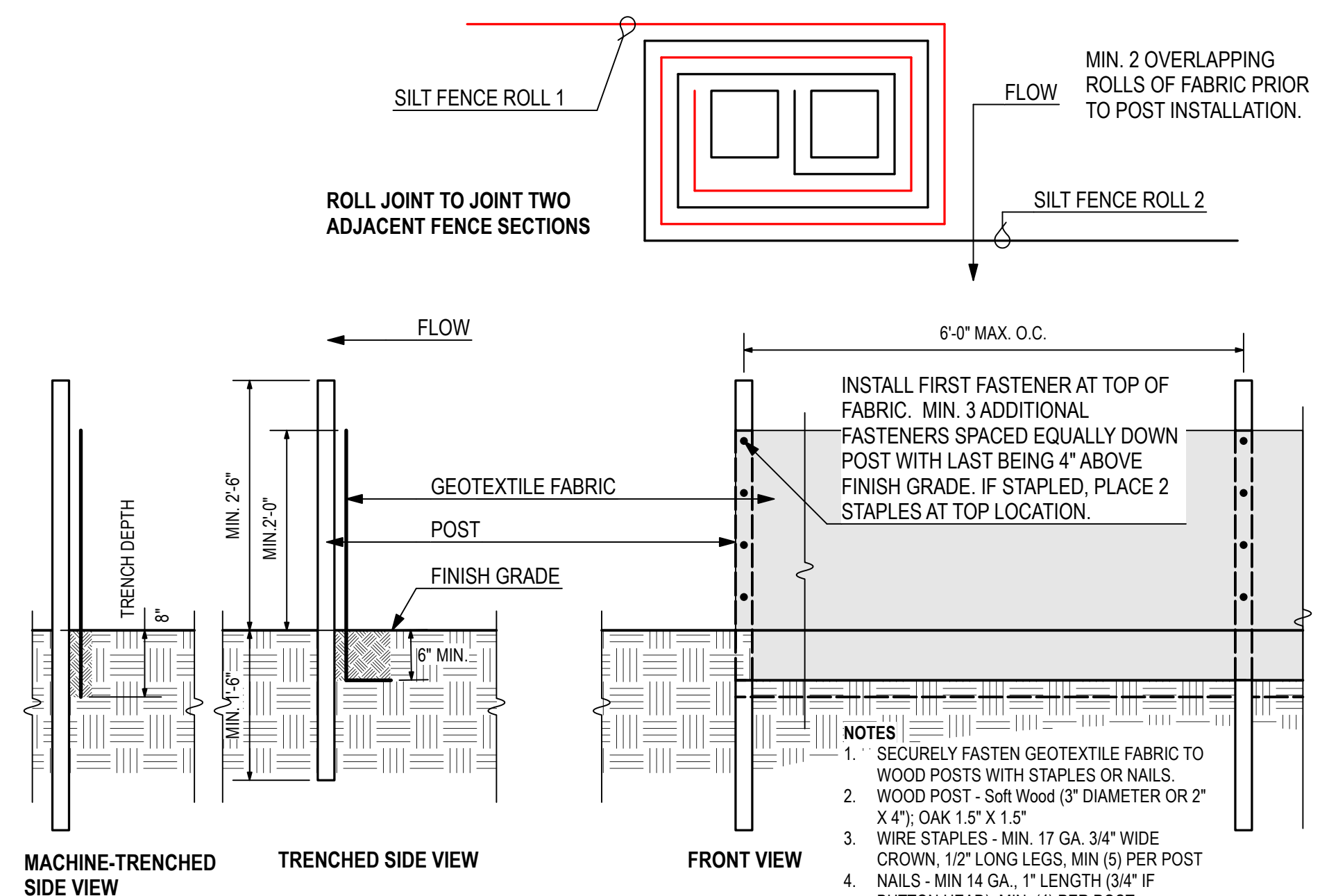
3 COURT FENCE HEIGHTS
Scale: 1" = 10'-0"



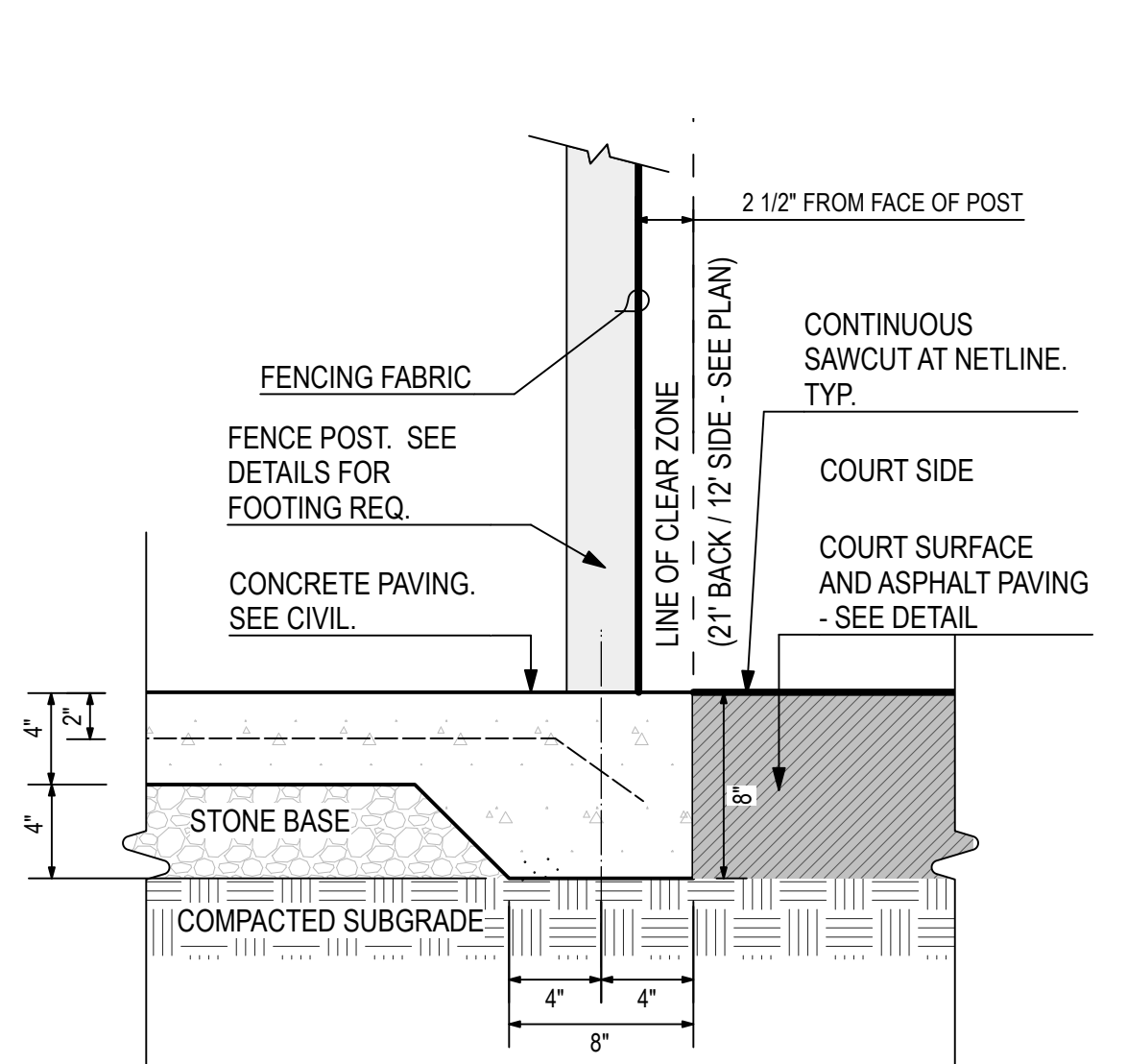
1 TYPICAL ASPHALT PROFILE
Scale: 1 1/2" = 1'-0"



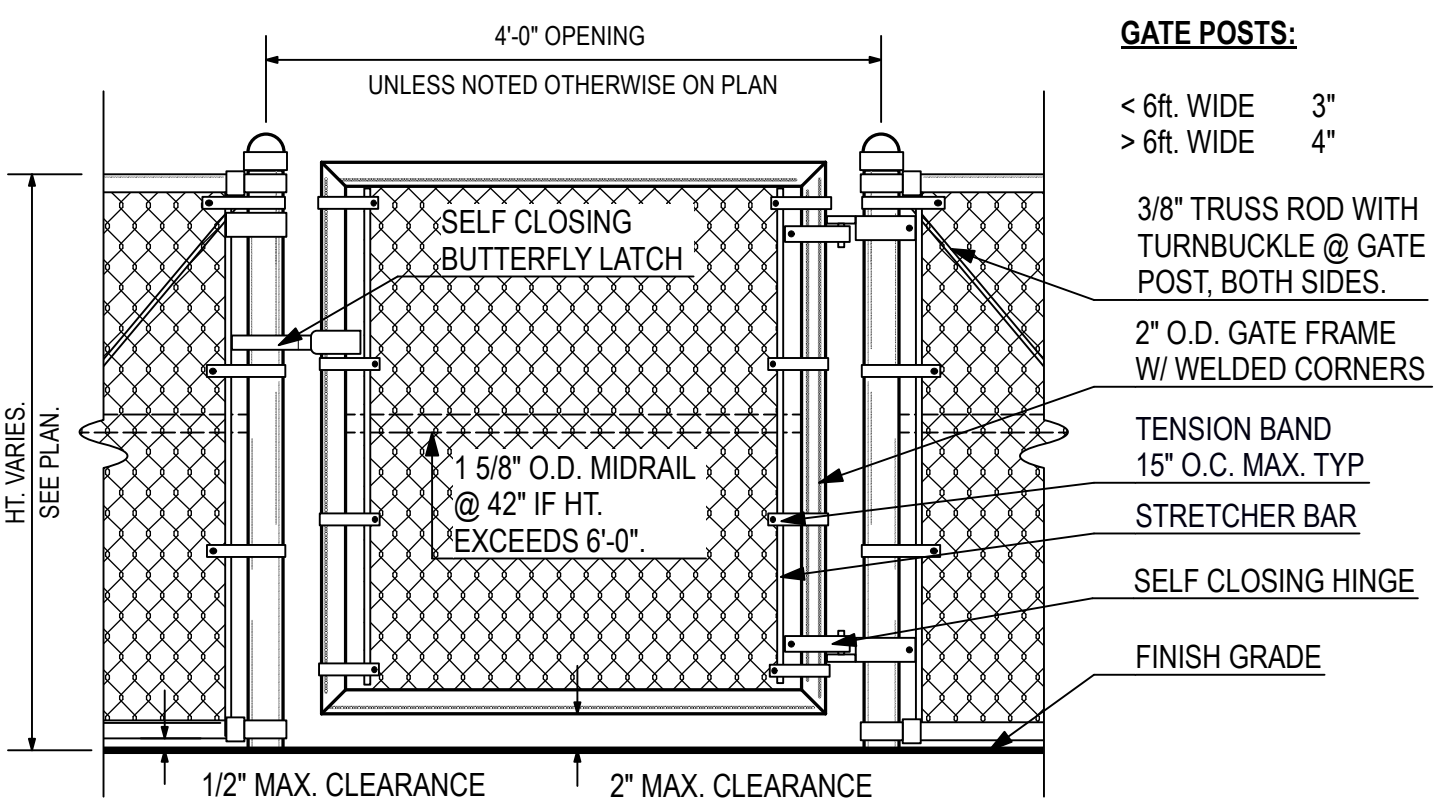
2 COURT FENCE AT LANDSCAPE
Scale: 1 1/2" = 1'-0"



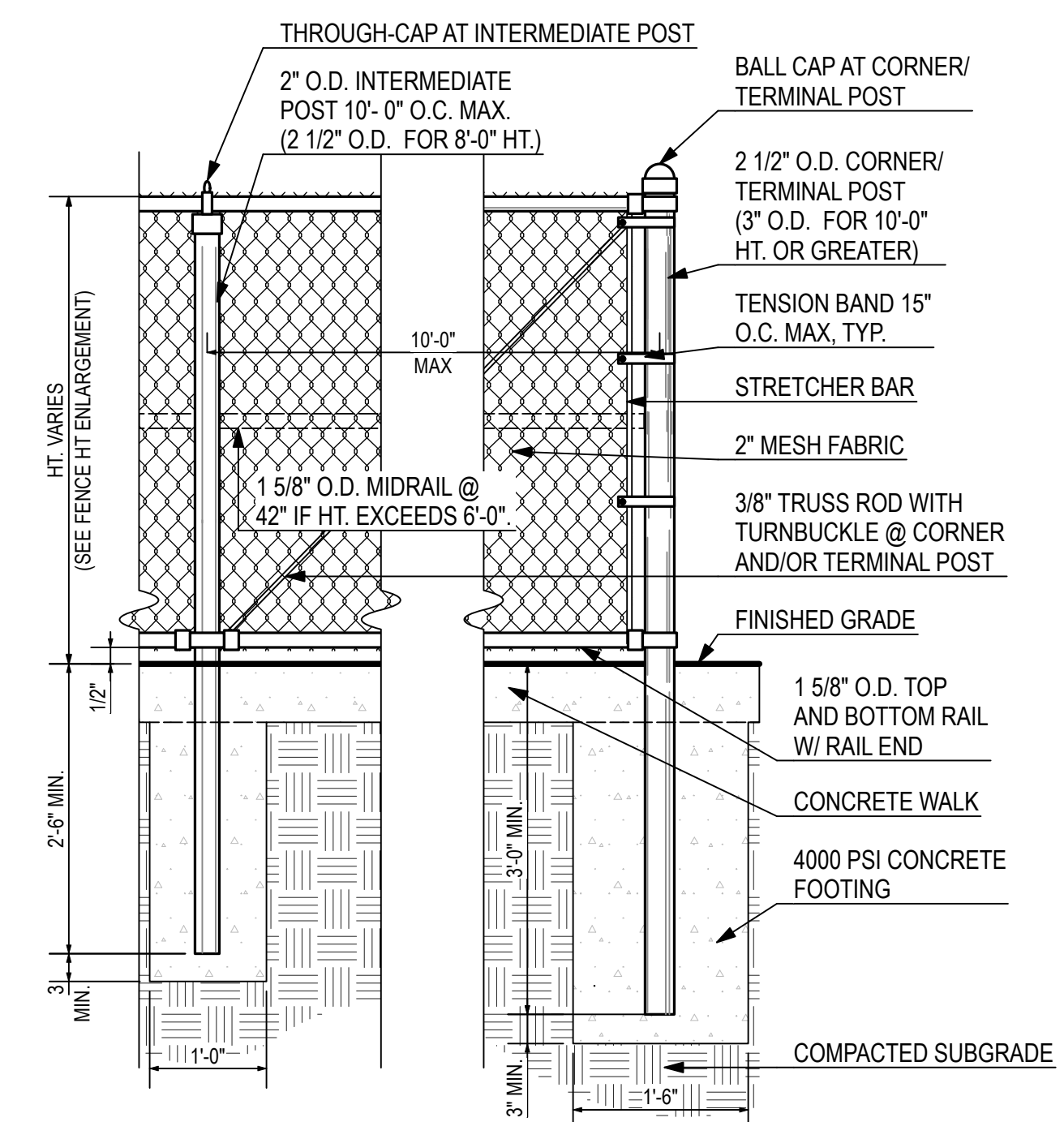
4 TYPE B SILT FENCE, TYP.
Scale: 3/4" = 1'-0"



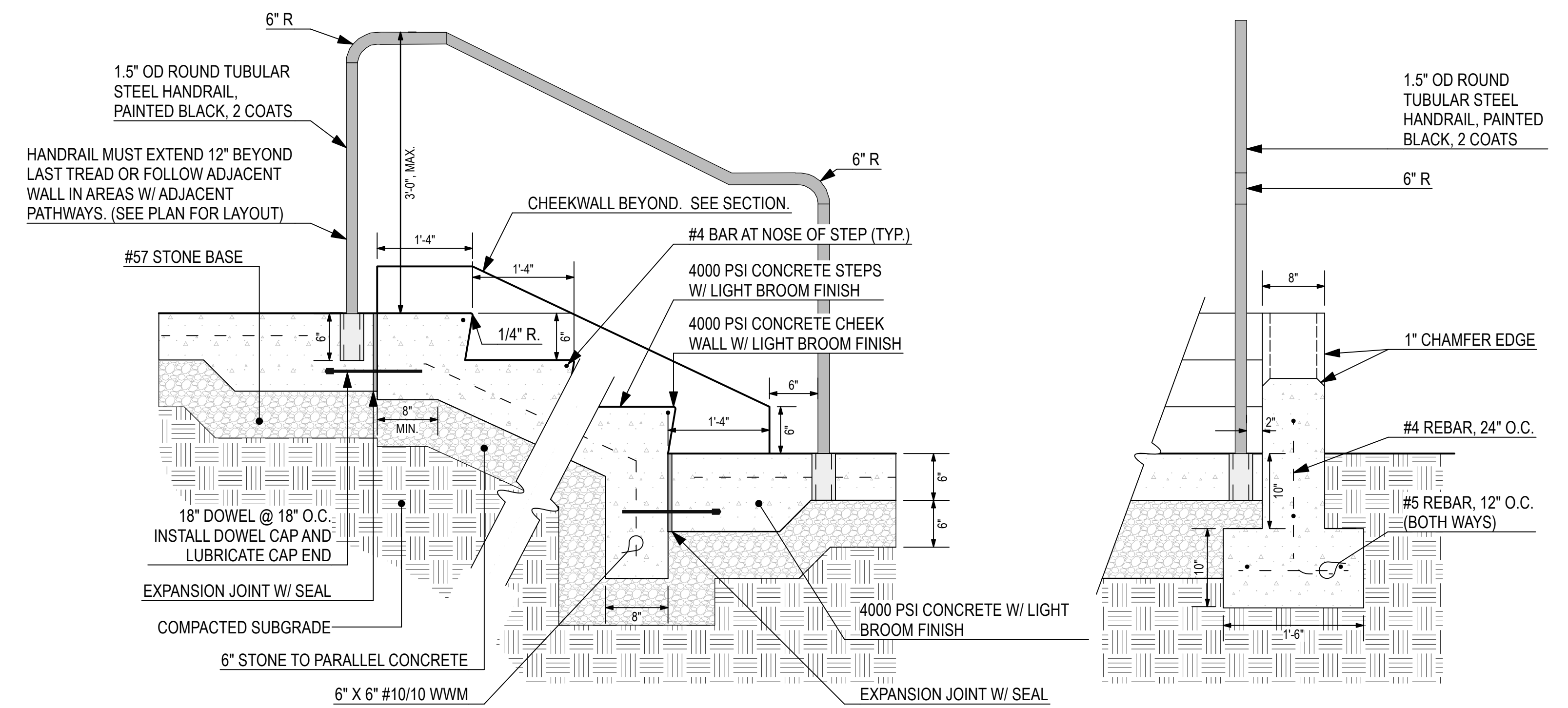
6 COURT FENCE AT PAVING
Scale: 1 1/2" = 1'-0"



7 SINGLE CLF GATE, TYP.
Scale: 3/4" = 1'-0"



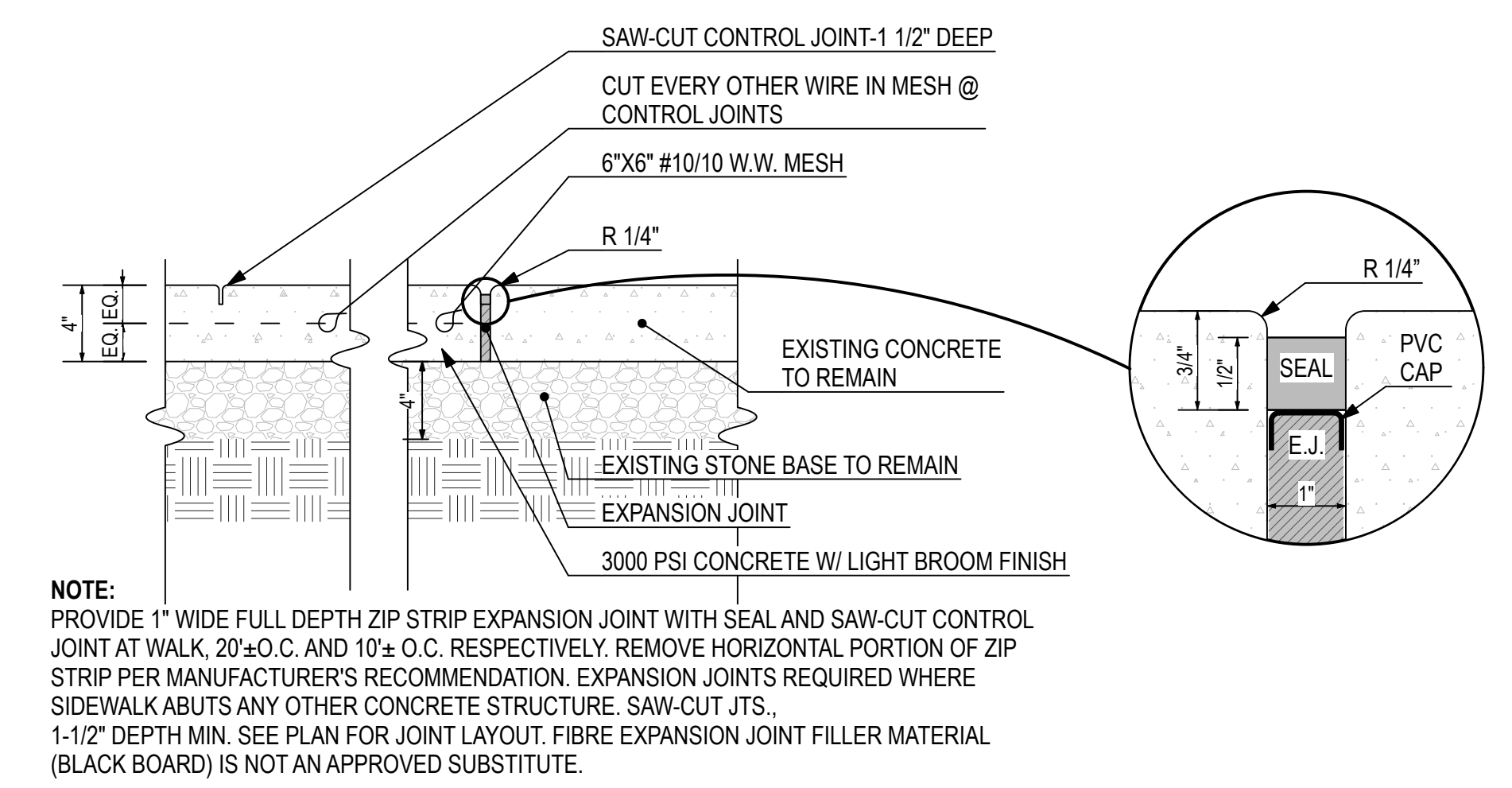
8 CHAIN LINK FENCE, TYP.
Scale: 3/4" = 1'-0"



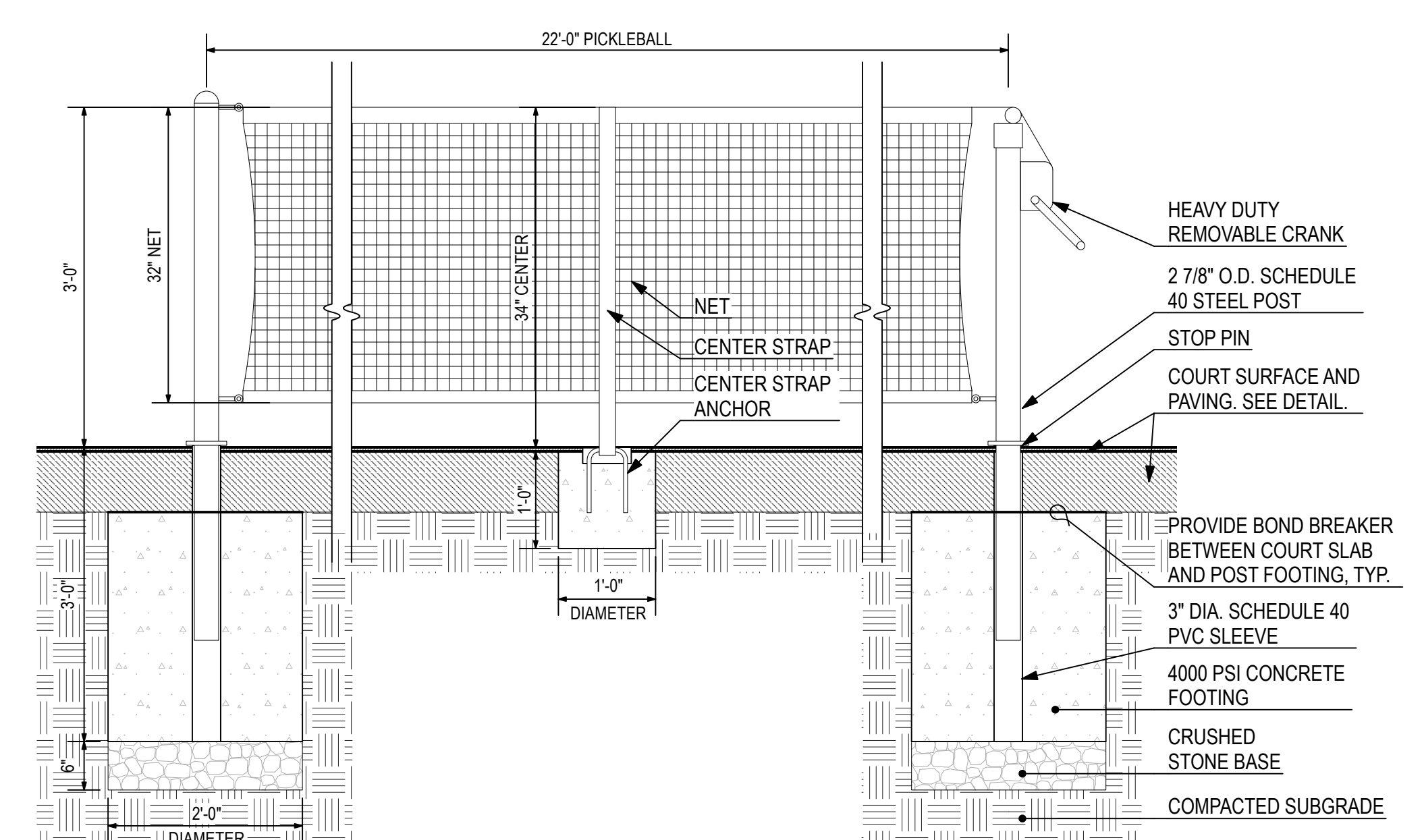
3 CONCRETE STEPS AND HANDRAIL TYP.
Scale: 1" = 1'-0"

FENCE NOTES:

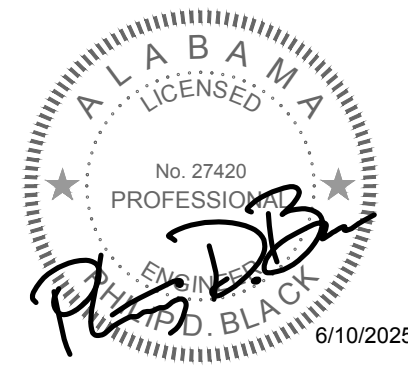
1. WITHIN 15 CALENDAR DAYS AFTER NTP, SUBMIT COMPLETE MFR AND/OR SUPPLIER'S DATA AND INSTRUCTIONS FOR ALL MATERIALS.
 2. ALL FENCE/GATE POSTS, RAILS, HARDWARE AND MATERIALS TO BE GALVANIZED STEEL/PVC COATED (SEE NOTE 3 FOR FABRIC REQUIREMENTS). ZINC COATING WEIGHT NOT LESS THAN 1.8 OZ/SF. MFR STANDARD POLYMER COATING ACCORDING TO ASTM F 1234. 10-MIL MIN. PVC FINISH APPLIED TO EXT. SURFACES AND, EXCEPT FOR TUBES, TO EXPOSED INTERIOR SURFACES. COLOR TO MATCH C.L. FABRIC.
 3. FABRIC 9 GAUGE CORE WIRE, CLASS 2A PVC COATING. MIN BREAKING LOAD OF 1290#.
 4. RAILS: 2.27#/FT.; NOT LESS THAN 18' LF. FIT W/ COUPLINGS FOR CONTINUOUS RUNS
 5. KNUCKLED TOP AND BOTTOM SELVAGE
 6. INSTALL POSTS, RAILS, GATES AND OTHER SIMILAR ITEMS PLUMB, LEVEL AND TRUE TO REQUIRED LINE.
 7. EVENLY SPACE POSTS IN THE LINE OF THE FENCE AS SHOWN ON DRAWINGS AND NO FURTHER THAN 10' O.C.
 8. SAWCUT CONTROL JOINT IN CONCRETE CURB AT BOTH SIDES OF ALL EMBEDDED FENCE POSTS.
 9. FENCE FABRIC TIES 14" O.C.
 10. ALLOW CONCRETE FOOTINGS TO CURE 72 HOURS MIN. BEFORE APPLYING STRAIN TO POSTS.
 11. INSTALL FENCE FABRIC ON FACE OF FENCE PANEL FACING TRACK, COURT, PLAYGROUND OR FIELD.
 12. WINDSCREEN AS NOTED ON PLANS.
- POSTS:** (TRADE/O.D./WEIGHT #/FT)
- | | | |
|------|--------|------|
| 2" | 1.90" | 2.72 |
| 2.5" | 2.375" | 3.65 |
| 3" | 2.875 | 5.79 |
| 4" | 4.0" | 9.10 |



5 CONCRETE PAVING - 4" CONCRETE
Scale: 1 1/2" = 1'-0"



9 PICKLEBALL NET DETAIL
Scale: 3/4" = 1'-0"



REVISIONS:

ISSUED:
6/18/25 BID SET

SHEET TITLE:
ELECTRICAL LEGEND
& NOTES

DRAWN: ACW | CHECKED: PDB
SHEET

E0.1

DCM #: 2025XXX
PROJECT #: C24057

GENERAL ELECTRICAL LEGEND

FIXTURE OUTLET – POLE LIGHT FIXTURE – QUANTITY AND ORIENTATION(S) OF LUMINAIRES AS INDICATED ON PLANS.

FIXTURE OUTLET DESIGNATIONS:

A FIXTURE TYPE "A" – MAY BE USED WITH OTHER TYPES.
2 CIRCUIT NUMBER – MAY BE USED WITH OTHER NUMBERS.

DOUBLE
DUPLEX

WALL OUTLET – RECEPTACLE – 20A – 125V – 2P – 3W – GROUNDING – "GFI" TYPE – WEATHER RESISTANT – NEMA 5-20R – SINGLE PLATE.

OUTLET INSTALLATION DESIGNATIONS (APPLY TO ALL OUTLETS, DEVICES & EQUIPMENT):

ES EQUIPMENT MOUNTED TO ALUMINUM SUPPORT FRAME – SEE DETAIL "E-ES".
VL VERIFY EXACT OUTLET LOCATION WITH OWNER PRIOR TO ROUGH-IN.
W WEATHER PROOF – OUTLET SHALL BE INSTALLED WITH WEATHERPROOF, IN-USE, CAST COVER.

BRANCH/FEEDER CIRCUIT – CONCEALED IN WALLS OR CEILING.

BRANCH/FEEDER CIRCUIT – EXPOSED ON WALLS OR CEILING.

BRANCH/FEEDER CIRCUIT – CONCEALED IN FLOOR SLAB OR DIRT FILL.

BRANCH/FEEDER CIRCUIT – OVERHEAD BETWEEN POLES.

BRANCH/FEEDER CIRCUIT – HOMERUN – CAN BE USED WITH OTHER BRANCH/FEEDER TYPES.

BRANCH/FEEDER CIRCUIT MODIFIERS:

: 2#12 & 1#12G UNLESS NOTED OTHERWISE.
 : 3#12 & 1#12G, ETC. UNLESS NOTED OTHERWISE (TICK MARKS INDICATE CONDUCTOR QUANTITY NOT INCLUDING GROUND WIRE).
 : 2#10 & 1#10G UNLESS NOTED OTHERWISE (NUMBER INDICATES WIRE AWG).
SIZE CONDUIT PER N.E.C. UNLESS INDICATED OTHERWISE.

--UGS-- UNDERGROUND SECONDARY POWER SERVICE – SEE ASSOCIATED SINGLE LINE DIAGRAM – VERIFY EXACT SERVICE TRANSFORMER LOCATION(S) WITH UTILITY CO. PRIOR TO BID AND INCLUDE ALL COSTS IN BID.

--OHP-- OVERHEAD PRIMARY POWER SERVICE CABLING (WITH TELECOMMUNICATIONS CABLING WHERE APPLICABLE).

--OHS-- OVERHEAD SECONDARY POWER SERVICE CABLING (WITH TELECOMMUNICATIONS CABLING WHERE APPLICABLE).

***** BELOW-GRADE ELECTRICAL DUCTBANK – BURIED A MINIMUM OF 24" BELOW GRADE.

POWER/TELECOMMUNICATIONS POLE WITH GUYING AS REQUIRED.

LIGHTING PANEL – SURFACE MOUNTED.

DISCONNECT SWITCH – FUSED.

DETAIL DESIGNATOR – "A" INDICATED DETAIL MARK – "E-1" INDICATED SHEET NUMBER WHERE DETAIL IS LOCATED (TYPICAL).

GENERAL ABBREVIATIONS:

(EX) EXISTING TO REMAIN.

(EX-R) EXISTING TO BE REMOVED – REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, DEVICES, CONDUIT AND WIRING CONNECTIONS TO OTHER ELECTRICAL ITEMS UNLESS SHOWN OTHERWISE.

(EX-RL) EXISTING TO BE RELOCATED – REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, DEVICES, CONDUIT AND WIRING AT EXISTING LOCATION. RELOCATE ITEM TO NEW LOCATION SHOWN ON ELECTRICAL PLANS. EXTEND AND RECONNECT EXISTING CONDUIT, WIRING, ETC. TO NEW LOCATION AS REQUIRED UNLESS SHOWN OTHERWISE.

(EX-RP) EXISTING TO BE REPLACED – EXTEND AND RECONNECT EXISTING CONDUIT AND WIRING TO REPLACED ITEM.

ELECTRICAL ABBREVIATIONS:

A	AMPERES.	NSV	NEW, SPARE OR VACATED.
AIC	AMPERES INTERRUPTING CAPACITY.	OC	ON CENTER.
AFF	ABOVE FINISHED FLOOR.	P	POLES.
AL	ALUMINUM.	PF	POWER FACTOR.
ATS	AUTOMATIC TRANSFER SWITCH.	ø	PHASE.
AWG	AMERICAN WIRE GAUGE.	PVC	POLYVINYL CHLORIDE.
C	CONDUIT.		
CU	COPPER.	SLD	SINGLE LINE DIAGRAM.
EC	EMPTY CONDUIT. OR ELECTRICAL CONTRACTOR	SS	STAINLESS STEEL.
FPN	FUSE PER NAMEPLATE.	UL	UNDERWRITERS LABORATORY.
G	GROUND CONDUCTOR.	UNO	UNLESS NOTED OTHERWISE.
KVA	KILOVOLT-AMPERES.	V	VOLTS.
KW	KILOWATT.	W	WIRES.
LV	LOW VOLTAGE.	CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
MCM	THOUSAND CIRCULAR MILS.	CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED.
MV	MEDIUM VOLTAGE.	OFOI	OWNER FURNISHED, OWNER INSTALLED.
N	NEUTRAL.	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED.
NEC	NATIONAL ELECTRICAL CODE.		
NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION.		
NIC	NOT IN CONTRACT.		

TYPICAL CIRCUITRY DESIGNATIONS:

2 SETS OF 4#3/0 & 1#3G – 2 1/2" C

CONDUIT SIZE.

GROUND CONDUCTOR WIRE GAUGE.

QUANTITY OF GROUND CONDUCTORS (PER SET)

PHASE/NEUTRAL CONDUCTOR WIRE GAUGE.

QUANTITY OF PHASE/NEUTRAL CONDUCTORS (PER SET).

QUANTITY OF PARALLEL SETS OF THE PHASE/NEUTRAL CONDUCTORS, GROUND CONDUCTOR AND CONDUIT SPECIFIED.

GENERAL ELECTRICAL NOTES

- ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH NEC.
- CONTRACTOR SHALL VISIT THE SITE OF THE WORK PRIOR TO SUBMITTING BID TO EXAMINE CAREFULLY LOCAL CONDITIONS AND DIFFICULTIES TO BE ENCOUNTERED. ANY DISCREPANCY BETWEEN PLANS AND EXISTING CONDITIONS SHALL IMMEDIATELY BE CALLED TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL VERIFY ALL REQUIREMENTS FOR POWER SERVICE WITH UTILITY COMPANY PRIOR TO SUBMITTING BID. IF THEIR REQUIREMENTS ARE AT A VARIANCE WITH THOSE SHOWN ON PLANS THE CONTRACTOR SHALL INFORM LANDSCAPE ARCHITECT IMMEDIATELY. ALL COSTS INCURRED WITH THE UTILITY COMPANY FOR SERVICE SHALL BE INCLUDED IN BID PRICE. IF SUCH COSTS ARE NOT AVAILABLE AT BID TIME CONTRACTOR SHALL INCLUDE WITH BID A LETTER FROM A RESPONSIBLE PARTY WITH THE UTILITY COMPANY STATING SUCH, AND COSTS WILL THEN BE EXCLUDED FROM THE BID PRICE.



JACKSON,
RENFRO
& ASSOCIATES, INC.
ELECTRICAL ENGINEERING & DESIGN
31 INVERNESS CENTER PKWY • SUITE 301
BIRMINGHAM, ALABAMA • 35242

PHILIP D. BLACK, PE
phil@jrace.com
(D) 205.536.7120
(P) 205.995.1078
(JRA) JOB NO. 225024
ELECTRICAL ENGINEERING & DESIGN

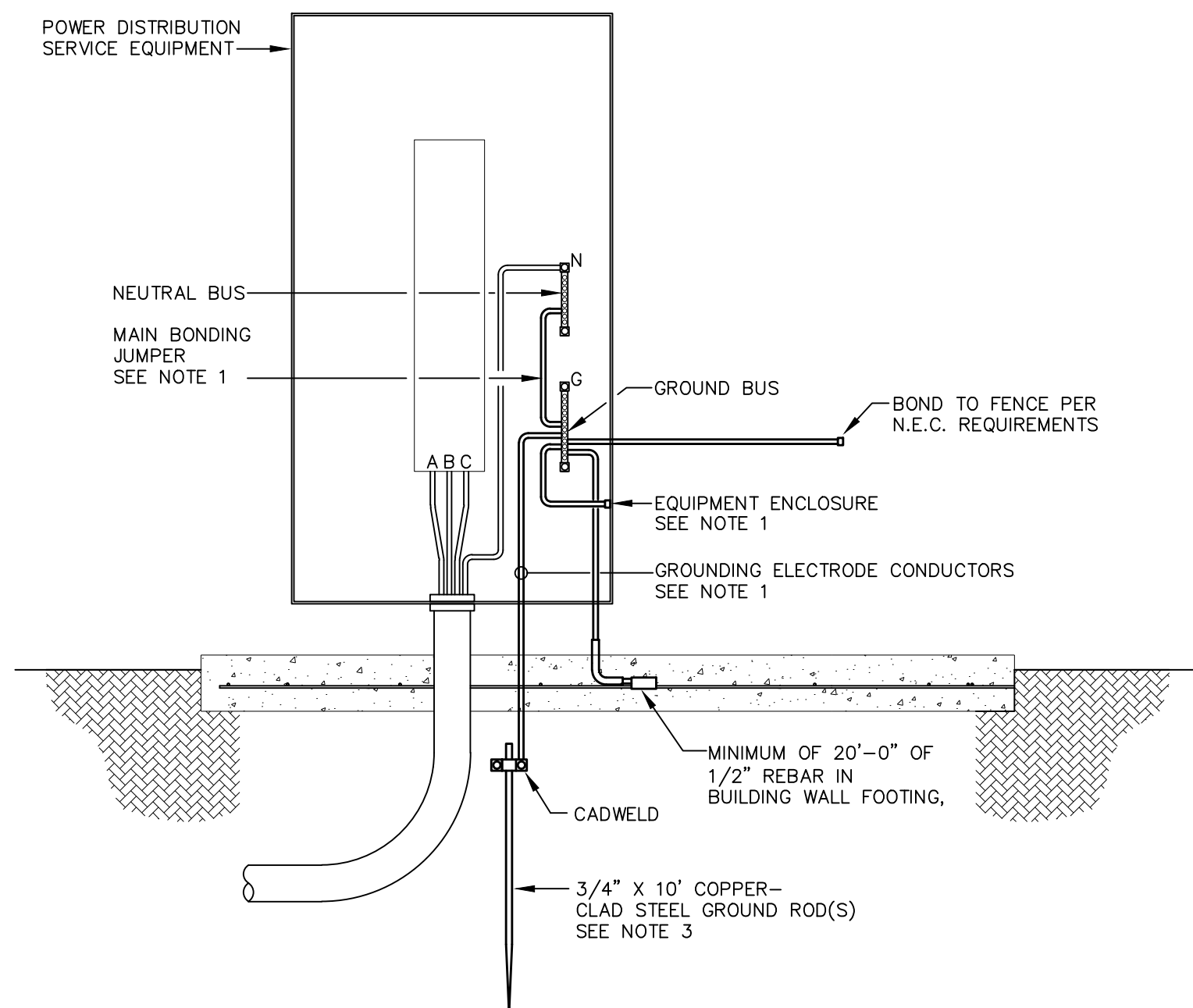
SPORTS COURT LIGHTING FIXTURE SCHEDULE & ZONE SUMMARY					
Zone Summary					
Circuit	Description	Load	Fixture Qty	Contactor ID	
A	Courts 1-2	2.59 kW	4	C1	
B	Courts 3-4	2.59 kW	4	C2	

LIGHTING FIXTURE SCHEDULE								
MARK (* REPRESENTS POLE NUMBER)	MANUFACTURER	CATALOG NUMBER	VOLTAGE	LAMPS		MOUNTING HEIGHT	MOUNTING TYPE	REMARKS
				WATTS	LUMENS			
P*	LSI (MIAMUSCO)	ZNL-78L-CT-UNV-40 (QUANTITY PER POLE AS SHOWN ON PLANS)	240	648	77,588	LED	MOUNT TO 26" ROUND, STRAIGHT ALUMINUM POLE WITH ONE-PIECE SPUN ALUMINUM COLLAR-TYPE ANCHOR BOLT BASE COVER WITH ROUNDED EDGES- SEE DETAIL "E-LP2"	FSLA
LIGHTING FIXTURE SCHEDULE KEYED NOTES: FSLA PROVIDE FINISH AS SELECTED BY LANDSCAPE ARCHITECT.								
SCHEDULE NOTES: 1. ALL CONTACTORS SHALL BE 30A-2P, FURNISHED IN A COMMON CABINET & CONTROLLED BY SPORTS FIELD LIGHTING SUPPLIER.								

PANELBOARD SCHEDULE - RP-PKBL										
PANEL TYPE: SQUARE D TYPE NQ					AIC RATING: 22KAIC (MINIMUM)					
VOLTAGE: 120/240V-1P-3W					MOUNTING: SURFACE					
AMPS & TYPE: 100 AMP - MLO					LOCATION: EQUIPMENT STAND					
FED FROM: MAIN FUSED DISCONNECT SWITCH					FEEDER: SEE SINGLE LINE DIAGRAM					
CKT. NO.	NOTES	BKR	DESCRIPTION	WATTS	PHASE	WATTS	DESCRIPTION	BKR	NOTES	CKT NO.
1	LCC	30/2	PICKLEBALL LIGHTS	1,295	A			20/1	-	13
2	LCC			1,295	B			20/1	-	14
3	LCC	30/2	PICKLEBALL LIGHTS	1,295	A			20/1	-	15
4	LCC			1,295	B			20/1	-	16
5	-	30/2	SPARE		A			20/1	-	17
6	-				B			20/1	-	18
7	-	30/2	SPARE		A			20/1	-	19
8	-				B			20/1	-	20
9	-	20/1	SPARE		A			20/1	-	21
10	-	20/1	SPARE		B			20/1	-	22
11	-	20/1	CONV. RECEP	200	A			20/1	-	23
12	-	20/1	SPORTS LTG CONTROL CABINET	100	B			20/1	-	24
NOTES: 1. ENCLOSURE SHALL BE NEMA 3R LOCKABLE. 2. PROVIDE INTEGRAL 160KA(PER PHASE) SURGE PROTECTION DEVICE.					PH. A:	PH. B:	TOTAL CONNECTED LOAD: 5.5 KVA 23.8 AMPS			
					2,790	2,690				
					TOTAL DEMAND LOAD: 5.5 KVA 23.8 AMPS					
									TOTAL COMPUTED LOAD: 6.8 KVA 29.6 AMPS	

PANELBOARD/EQUIPMENT SCHEDULE(S) KEYED NOTES LEGEND

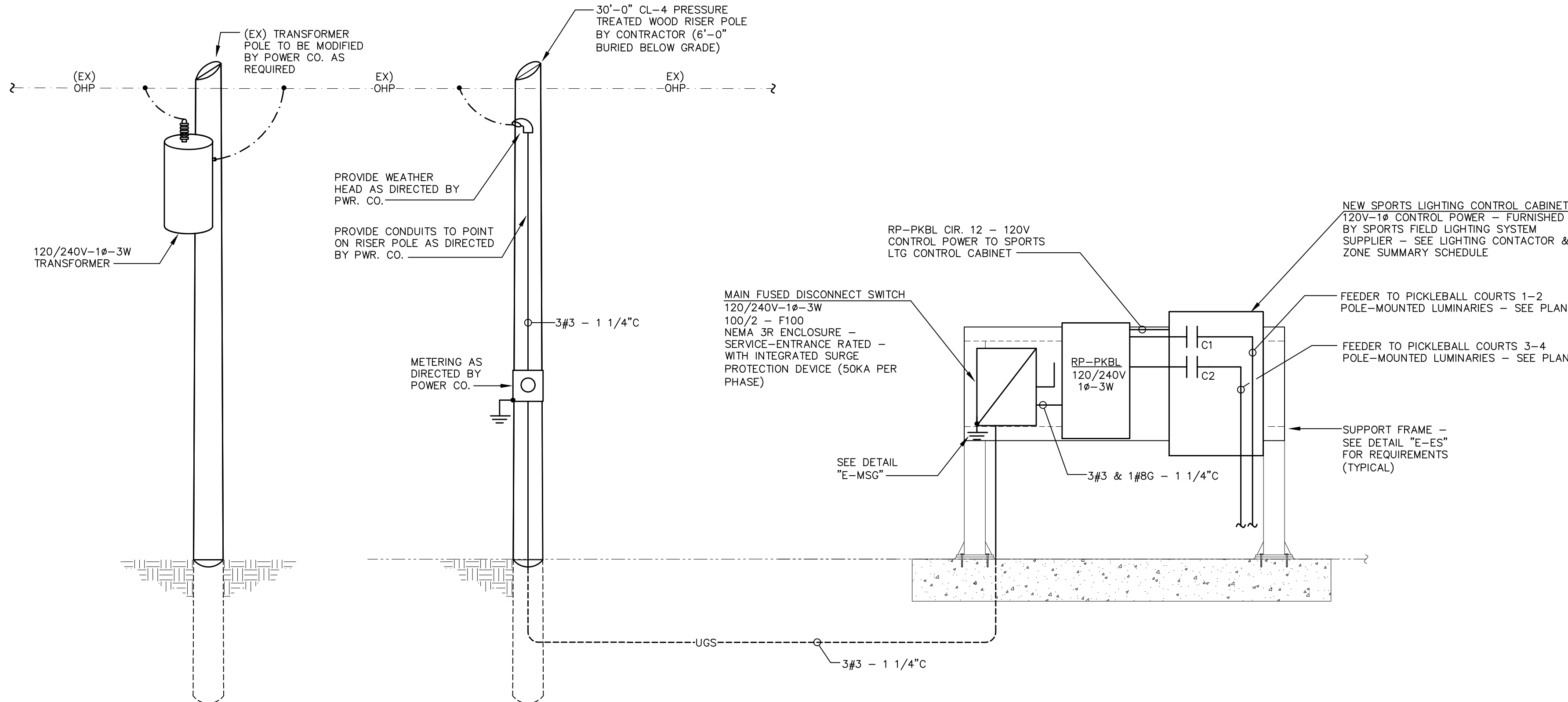
KEYED NOTE	DESCRIPTION
LCC	INDICATED CIRCUIT SHALL BE ROUTED THRU LIGHTING CONTACTOR - SEE PLANS & SINGLE LINE DIAGRAM.



DETAIL "E-MSG"
MAIN SERVICE GROUNDING
SCALE : NONE

DETAIL NOTES

- ALL GROUNDING ELECTRODE CONDUCTORS AND MAIN BONDING JUMPERS SHALL BE INSULATED COPPER, SIZED IN ACCORDANCE WITH NEC TABLE 250.66 UNLESS NOTED OTHERWISE.
- THE INTERSYSTEM BONDING JUMPER SHALL BE INSULATED COPPER, SIZED TO MATCH THE GROUNDING ELECTRODE CONDUCTOR OR #6AWG, WHICHEVER IS GREATER.
- ADDITIONAL GROUND RODS SHALL BE INSTALLED A MINIMUM OF SIX (6) FEET APART AND CONNECTED BY GROUNDING ELECTRODE CONDUCTORS UNTIL THE GROUND RESISTANCE DOES NOT EXCEED FIVE (5) OHMS.
- ALL GROUNDING CONDUCTORS SHALL BE INSTALLED IN CONDUIT (TYPE PER SPECIFICATION REQUIREMENTS) UNLESS SPECIFICALLY NOTED OTHERWISE. METAL CONDUITS SHALL BE GROUNDED PER NEC REQUIREMENTS.
- REFER TO "GROUNDING" SPECIFICATIONS SECTION FOR ADDITIONAL GROUNDING REQUIREMENTS.



SINGLE LINE DIAGRAM
SCALE : NONE

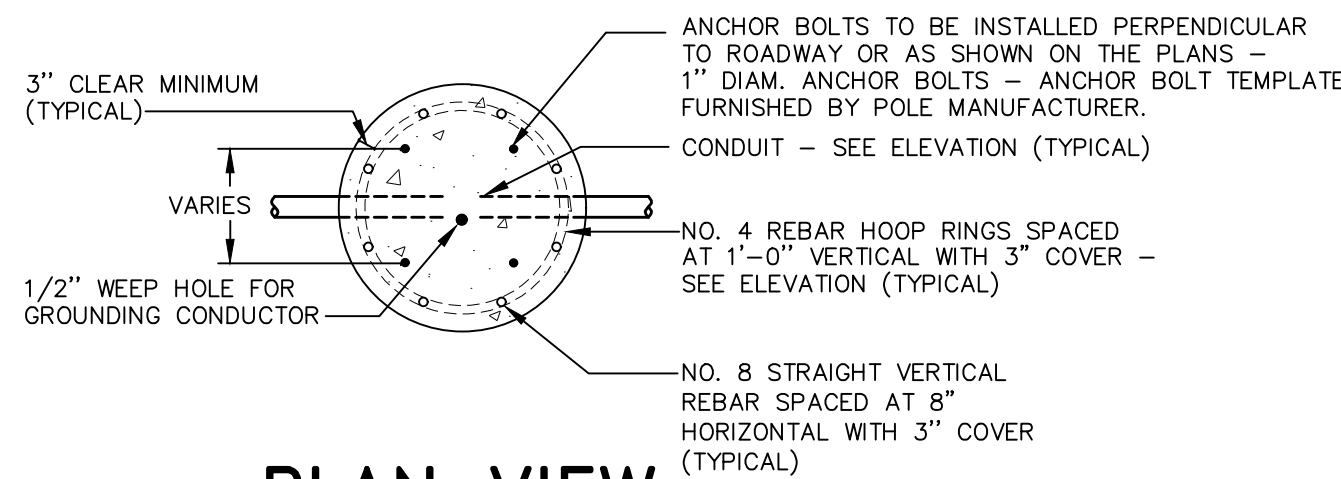
DIAGRAM NOTES

- REFER TO PANELBOARD SCHEDULES FOR ALL APPLICABLE FEEDER SIZES, BREAKER RATINGS, BUS RATINGS, ETC. NOT SHOWN ON THIS DIAGRAM.
- NEW NEUTRAL-GROUND BONDS SHALL ONLY BE MADE AT THE FOLLOWING LOCATIONS:
A. MAIN FUSED DISCONNECT SWITCH.

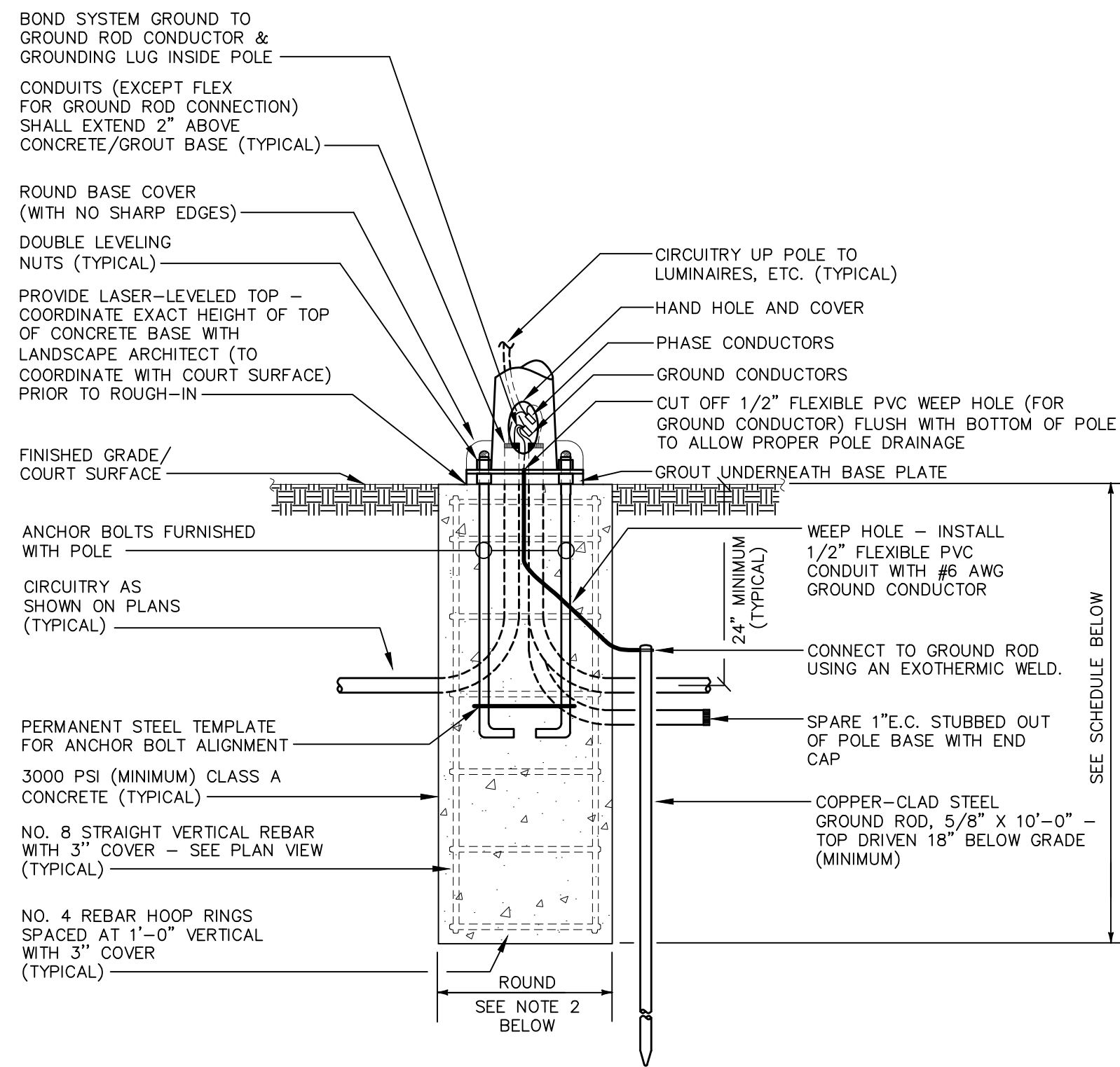


JACKSON,
RENFRO
& ASSOCIATES, INC.
ELECTRICAL ENGINEERING & DESIGN
31 INVERNESS CENTER PKWY • SUITE 301
BIRMINGHAM, ALABAMA • 35242

PHILIP D. BLACK, PE
phil@jraco.com
(D) 205.536.7120
(P) 205.995.1078
JRA108 NO. 225024



PLAN VIEW

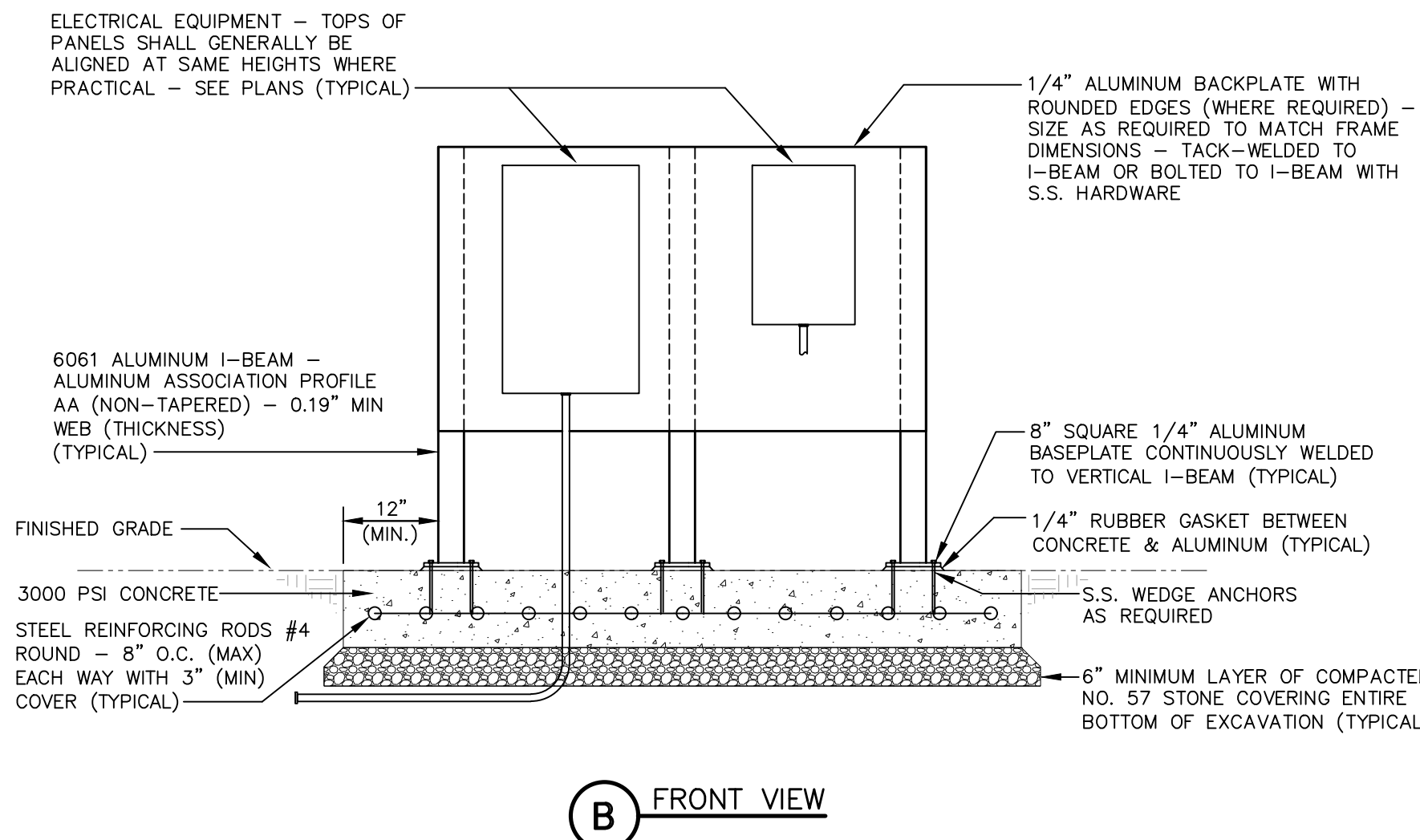
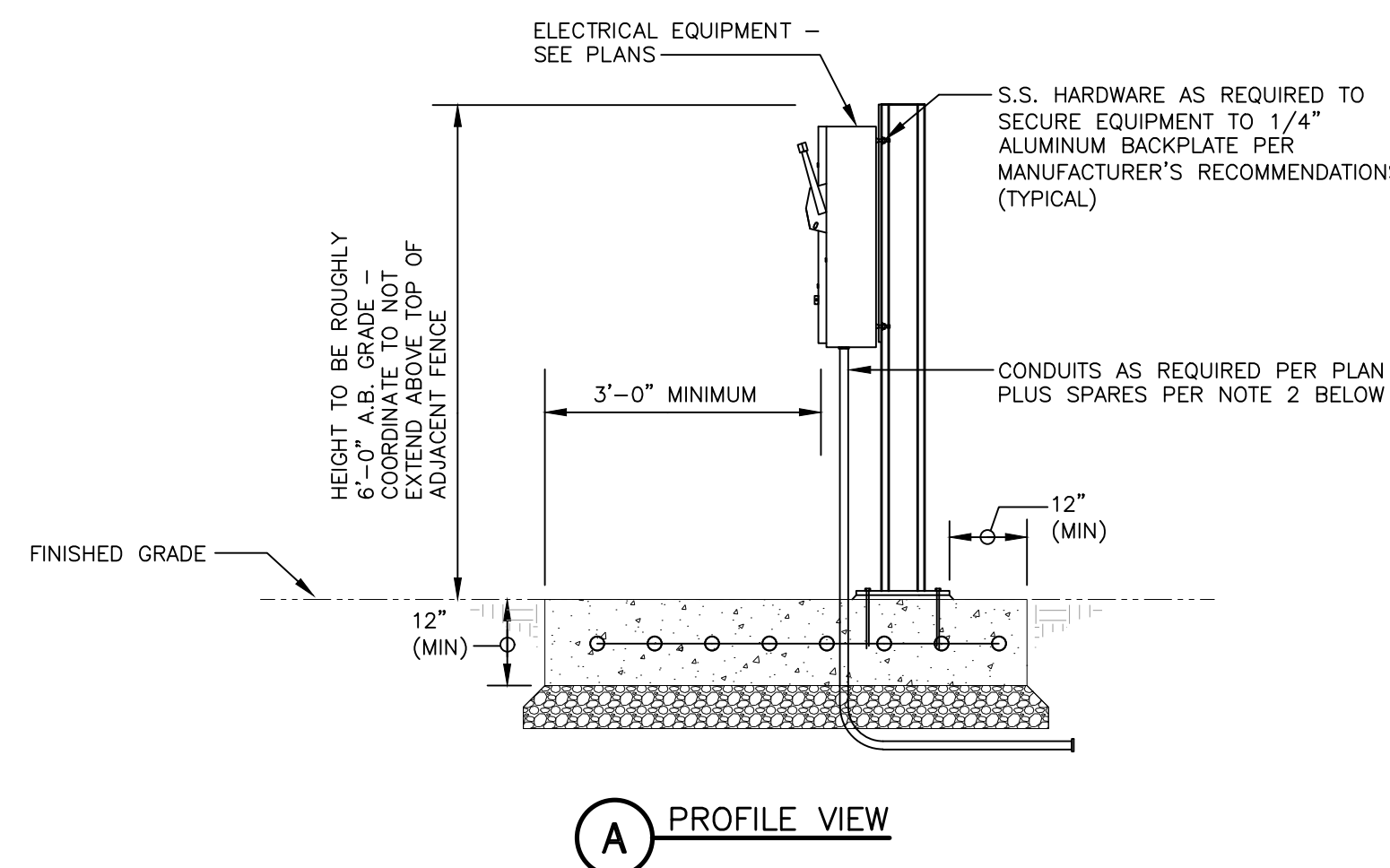
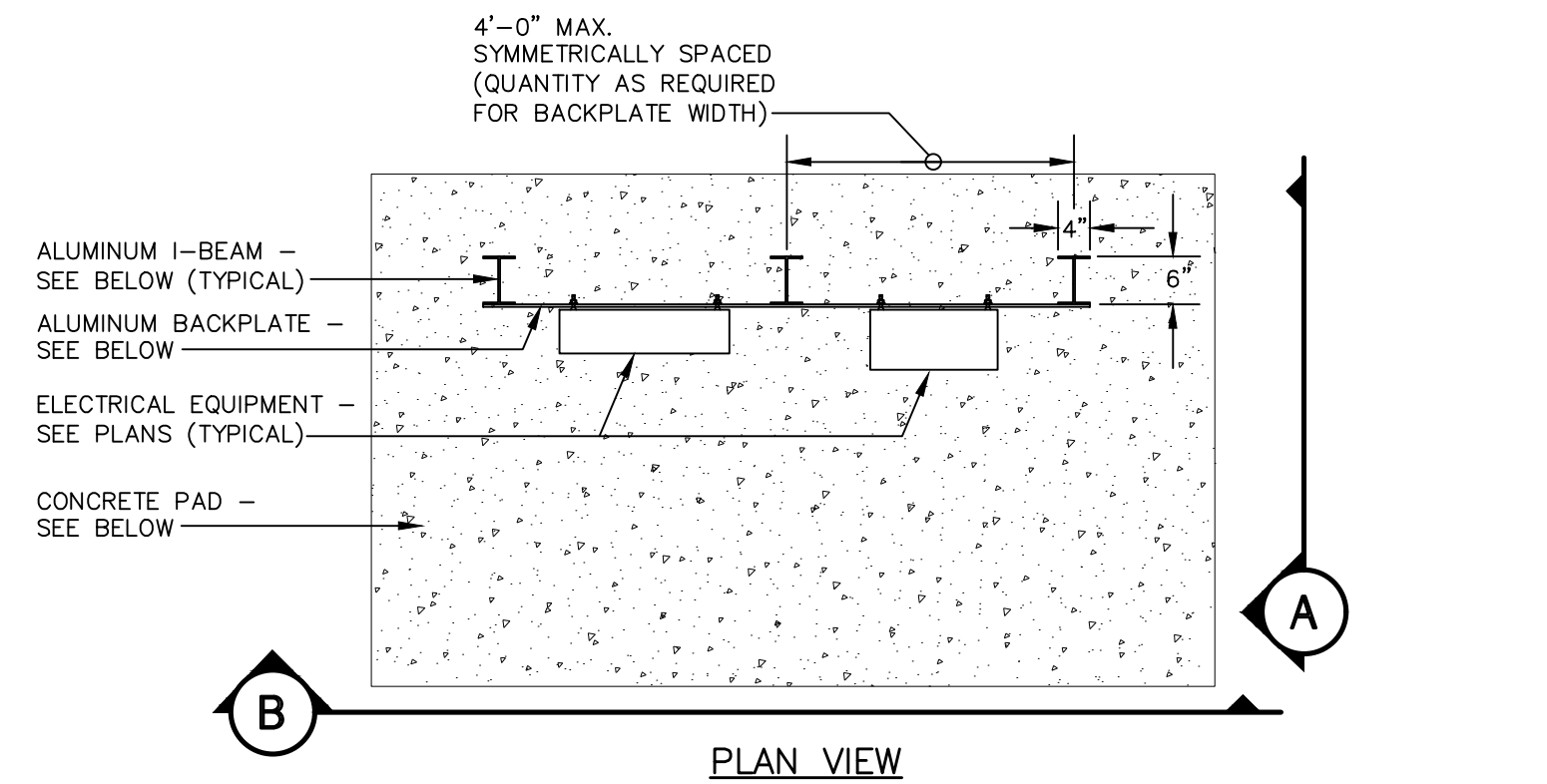


ELEVATION

DETAIL "E-LP2"
FLUSH-WITH-GRADE LIGHT POLE BASE
SCALE : NONE

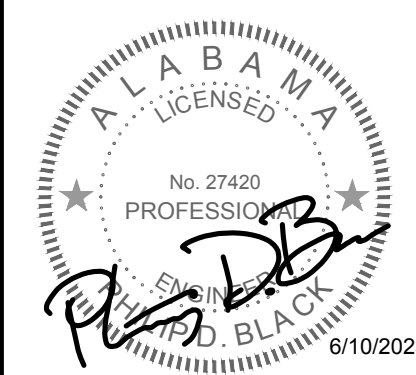
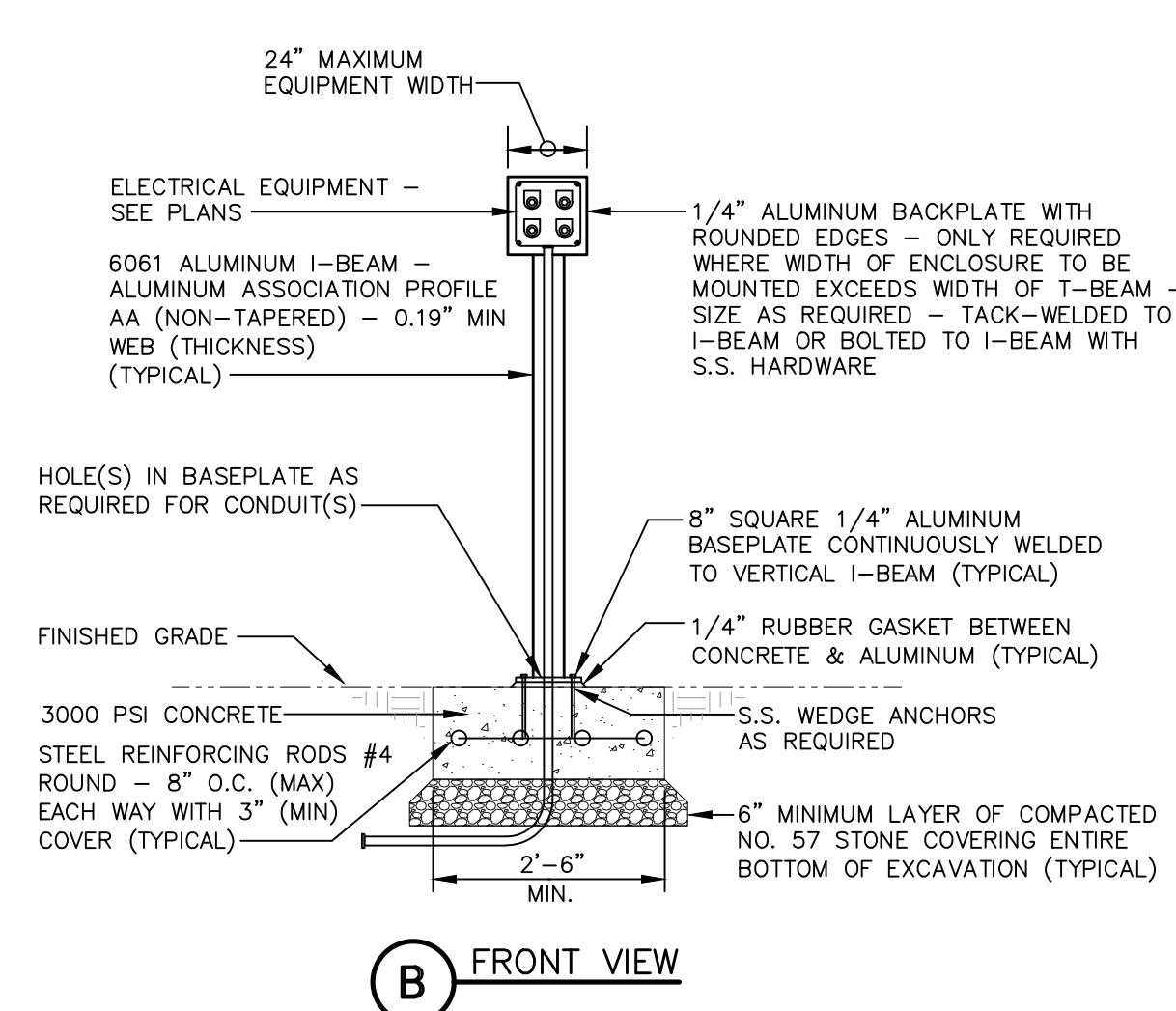
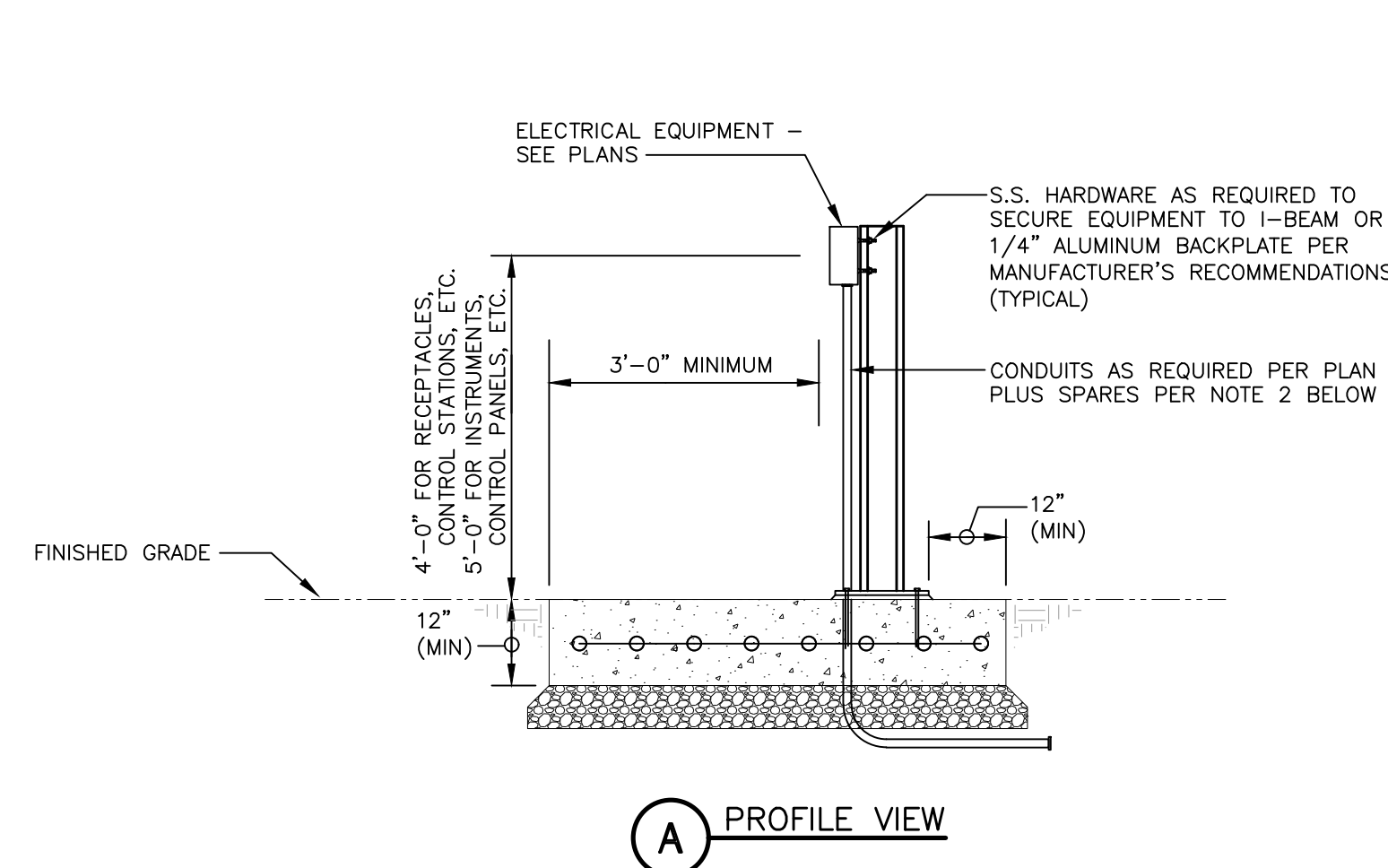
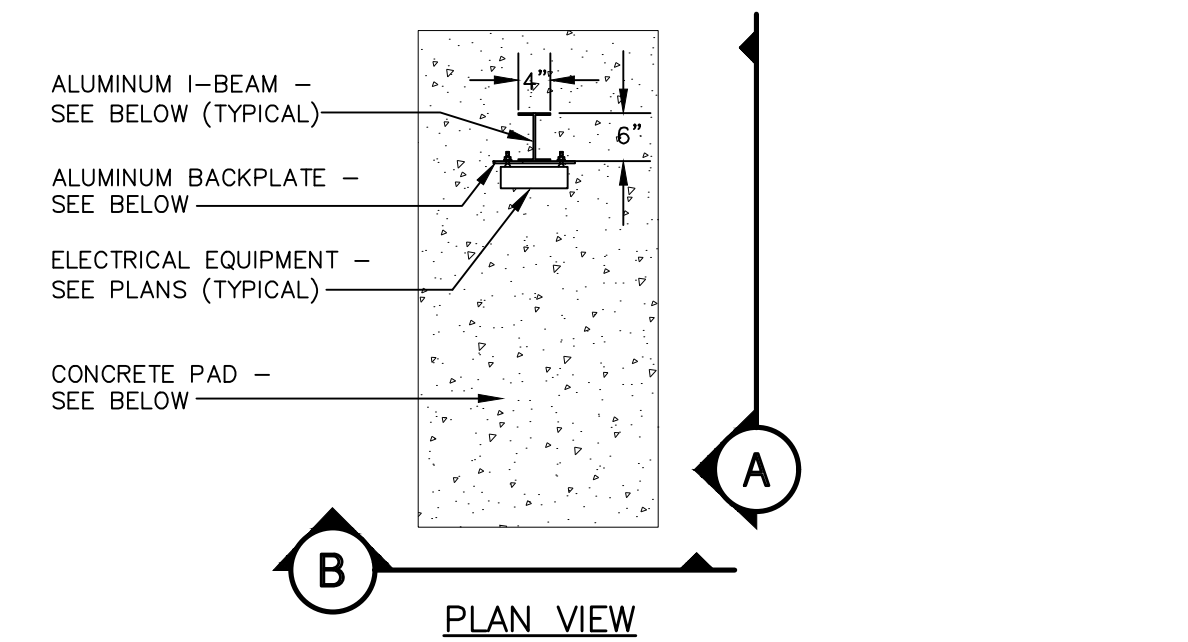
- DETAIL NOTES**
- THIS CONTRACTOR SHALL CONFIRM SOIL CONDITIONS PRIOR TO BID OR INSTALLATION. IF SOIL CONDITIONS/TYPES ARE DIFFERENT THAN THE SPECIFIC TYPES INDICATED BELOW, OR THE POLE HEIGHTS ARE IN EXCESS OF THOSE LISTED BELOW, OR THE BASIC WIND SPEED FOR THE PROPOSED POLE LOCATION (PER ASCE 7 BASIC WIND SPEED MAPS) IS IN EXCESS OF 100MP, OR THE COMBINED E.P.A. OF ALL LUMINAIRES/ARMS/ACCESSORIES INSTALLED ON A POLE IS IN EXCESS OF 5.5 S.F., THE CONTRACTOR SHALL RETAIN A QUALIFIED STRUCTURAL ENGINEER (LICENCED IN THE STATE OF THE PROJECT) TO PROVIDE A PROJECT-SPECIFIC STRUCTURAL DESIGN FOR THE PROPOSED POLE BASE(S), AND SHALL INCLUDE ALL COSTS (FOR THE DESIGN AND THE REQUIRED POLE BASES) IN THE BID.
 - MINIMUM POLE BASE DIAMETER SHALL BE THE GREATER OF THE FOLLOWING:
 - ANCHOR BOLT CIRCLE DIAMETER PLUS 8" (TO PROVIDE MINIMUM 4" COVER OVER ALL ANCHOR BOLTS).
 - 20" DIAMETER.
 - DIAMETER AS REQUIRED BY SOIL CONDITIONS OR BY POLE SUPPLIER.
 - CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES OR OBSTRUCTIONS TO AVOID CONFLICTS PRIOR TO INSTALLATION OF LIGHT POLE BASE(S).
 - POLE SHALL BE RATED TO WITHSTAND THE WIND SPEED SPECIFIED FOR THE SPECIFIC PROJECT SITE LOCATION PER LATEST VERSION OF ASCE 7 BASIC WIND SPEED MAPS OR APPLICABLE LOCAL BUILDING CODE REQUIREMENTS (WHICHEVER IS MORE STRINGENT), WITH 1.3 GUST FACTOR WITH ALL LUMINAIRES & ACCESSORIES INSTALLED.

POLE BASE DIMENSIONS				
POLE HEIGHT	MINIMUM BASE DEPTH (BELOW GRADE) (SEE NOTE 1 ABOVE)			BASE DIAMETER
	CLAYEY SOILS (CL, ML, CH, MH)	SANDY SOILS (SW, SP, SM, SC, GM, GC)	GRAVELY SOILS (GW, GP)	
0 - 15 FT.	5'-6"	4'-6"	4'-0"	SEE NOTE 2 ABOVE
16 - 20 FT.	6'-6"	5'-0"	4'-6"	SEE NOTE 2 ABOVE
21 - 25 FT.	7'-6"	5'-6"	5'-0"	SEE NOTE 2 ABOVE
26 - 30 FT.	8'-0"	6'-0"	6'-0"	SEE NOTE 2 ABOVE
31 - 35 FT.	8'-6"	7'-0"	6'-6"	SEE NOTE 2 ABOVE
36 - 40 FT.	9'-6"	7'-6"	7'-0"	SEE NOTE 2 ABOVE
41 - 45 FT.	10'-0"	8'-0"	7'-6"	SEE NOTE 2 ABOVE
46 - 50 FT.	10'-6"	8'-6"	8'-0"	SEE NOTE 2 ABOVE



DETAIL "E-ES"
EQUIPMENT SUPPORT
SCALE : NONE

- DETAIL NOTES**
- ALL DIMENSIONS SHOWN ARE TYPICAL.
 - PROVIDE TWO (2) 1"E.C. FROM ALL DISTRIBUTION PANELS, LIGHTING PANELS, PLC'S AND CONTROL PANELS ROUTED BELOW CONCRETE PAD TO NEAREST PULLBOX OR ACCESSIBLE STUB OUT LOCATION (NOT UNDERNEATH CONCRETE/ROCK/STRUCTURE/ETC).



REVISIONS:

ISSUED:
6/18/25 BID SET

SHEET TITLE:

ELECTRICAL DETAILS

DRAWN: ACW | CHECKED: PDB
SHEET

E0.3

DCM #: 2025XXX
PROJECT #: C24057



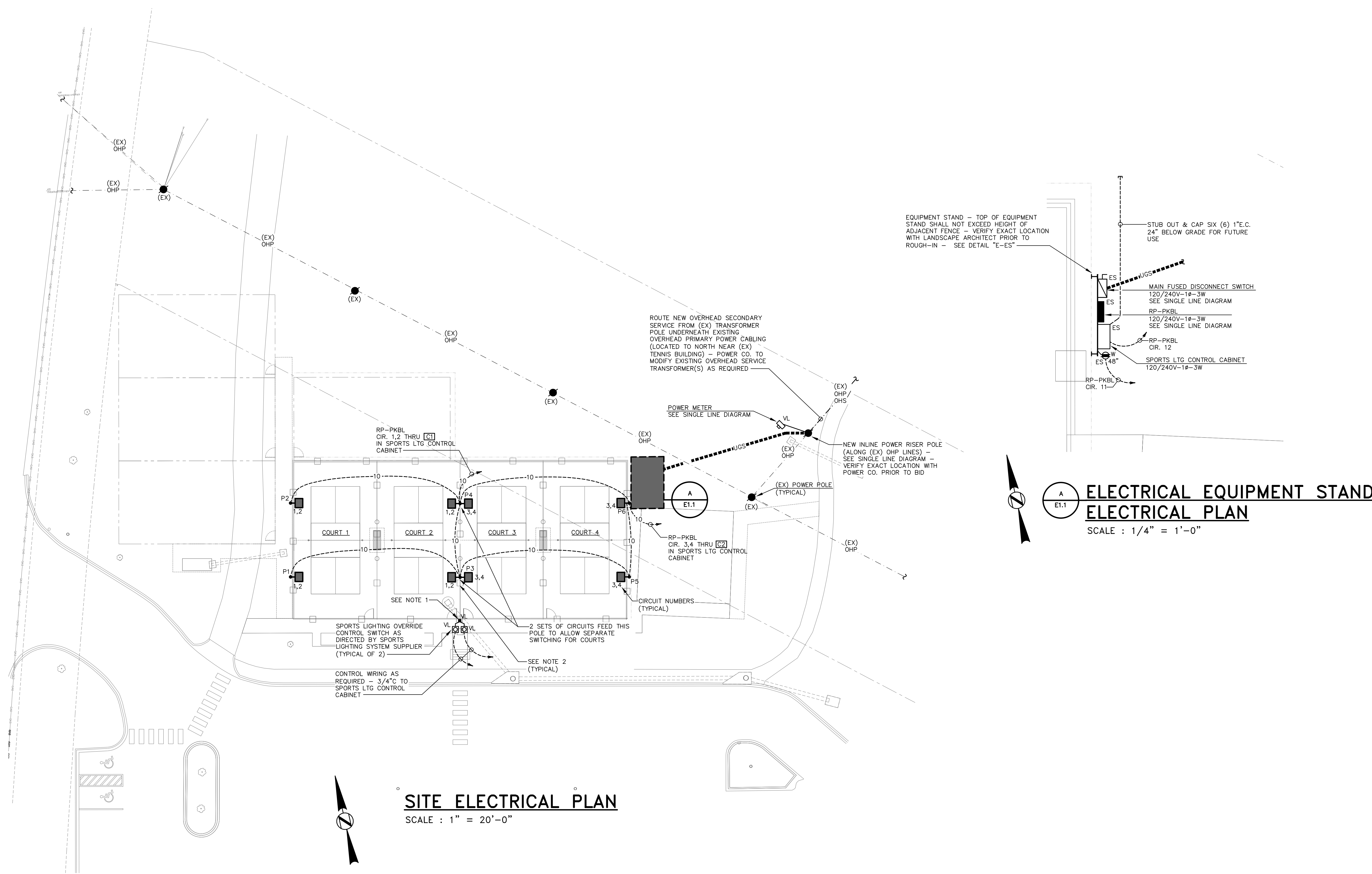
**JACKSON,
RENFRO
& ASSOCIATES, INC.**
ELECTRICAL ENGINEERING & DESIGN

PHILIP D. BLACK, PE
phil@jraee.com
(D) 205.536.7120
(P) 205.995.1078
JRA108 NO. 225024
31 INVERNESS CENTER PKWY • SUITE 301
BIRMINGHAM, ALABAMA • 35242



JACKSON,
RENFRO
& ASSOCIATES, INC.
ELECTRICAL ENGINEERING & DESIGN
31 INVERNESS CENTER PKWY • SUITE 101
BIRMINGHAM, ALABAMA • 35242

PHILIP D. BLACK, PE
phil@jraee.com
(D) 205.536.7120
(P) 205.995.1078
JRA JOB NO. 225024
BIRMINGHAM, ALABAMA • 35242



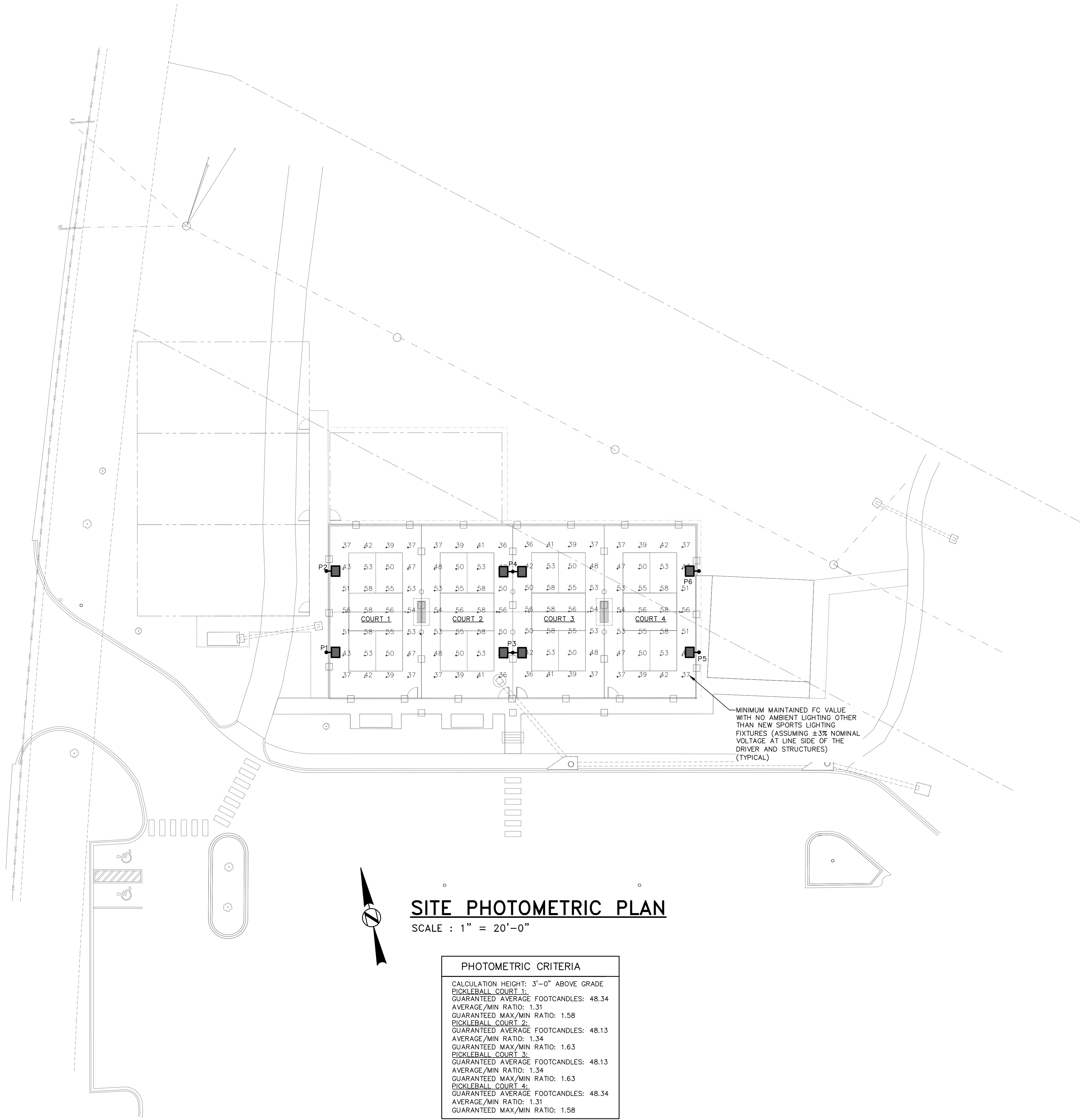
SITE ELECTRICAL PLAN
SCALE : 1" = 20'-0"

**ELECTRICAL EQUIPMENT STAND
E1.1**
SCALE : 1/4" = 1'-0"

PLAN NOTES

1. REMOTE SPORTS LIGHTING CONTROL SWITCHES SURFACE MOUNTED TO BLACK 4" X 4" PRESSURE-TREATED POST (WITH LIGHT ON POST CAP) AS DIRECTED BY LANDSCAPE ARCHITECT.
2. PROJECT INTENT IS FOR LIGHT POLES P1, P2, P5 & P6 TO BE LOCATED 12" OUTSIDE THE COURT FENCE LINES, AND P3 & P4 TO BE CAREFULLY LOCATED IN LINE WITH INTERMEDIATE FENCE POSTS. ALL LIGHT POLE LOCATIONS SHALL BE CONFIRMED WITH LANDSCAPE ARCHITECT PRIOR TO ROUGH-IN, AND TOPS OF CONCRETE BASES SHALL BE LASER-LEVELLED AND LOCATED AT PRECISE ELEVATIONS PER LANDSCAPE ARCHITECT'S DIRECTION.

WEST OXMOOR ROAD



SITE PHOTOMETRIC PLAN

SCALE : 1" = 20'-0"

PHOTOMETRIC CRITERIA

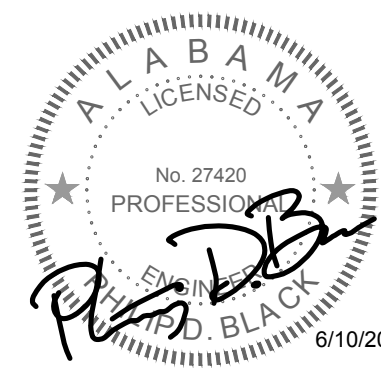
CALCULATION HEIGHT: 3'-0" ABOVE GRADE
PICKLEBALL COURT 1:
GUARANTEED AVERAGE FOOTCANDLES: 48.34
AVERAGE/MIN RATIO: 1.31
GUARANTEED MAX/MIN RATIO: 1.58
PICKLEBALL COURT 2:
GUARANTEED AVERAGE FOOTCANDLES: 48.13
AVERAGE/MIN RATIO: 1.34
GUARANTEED MAX/MIN RATIO: 1.63
PICKLEBALL COURT 3:
GUARANTEED AVERAGE FOOTCANDLES: 48.13
AVERAGE/MIN RATIO: 1.34
GUARANTEED MAX/MIN RATIO: 1.63
PICKLEBALL COURT 4:
GUARANTEED AVERAGE FOOTCANDLES: 48.34
AVERAGE/MIN RATIO: 1.31
GUARANTEED MAX/MIN RATIO: 1.58



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& ASSOCIATES, INC.
ELECTRICAL ENGINEERING & DESIGN
31 INVERNESS CENTER PKWY • SUITE 301
BIRMINGHAM, ALABAMA • 35242

PHILIP D. BLACK, PE

phil@jra.com
(D) 205.536.7120
(P) 205.995.1078



REVISIONS:

ISSUED:
6/18/25 BID SET

SHEET TITLE:
SITE PHOTOMETRIC
PLAN

DRAWN: ACW | CHECKED: PDB
SHEET

E1.1

DCM #: 2025XXX
PROJECT #: C24057



1914 28TH AVE SOUTH
BIRMINGHAM, AL 35209

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The City of Homewood
Homewood Athletic Complex Pickleball Courts
Homewood, AL

Bid Set