

Civil Construction Plans

Event Center Recreation Project

City of Priceville, AL

Morgan County, AL

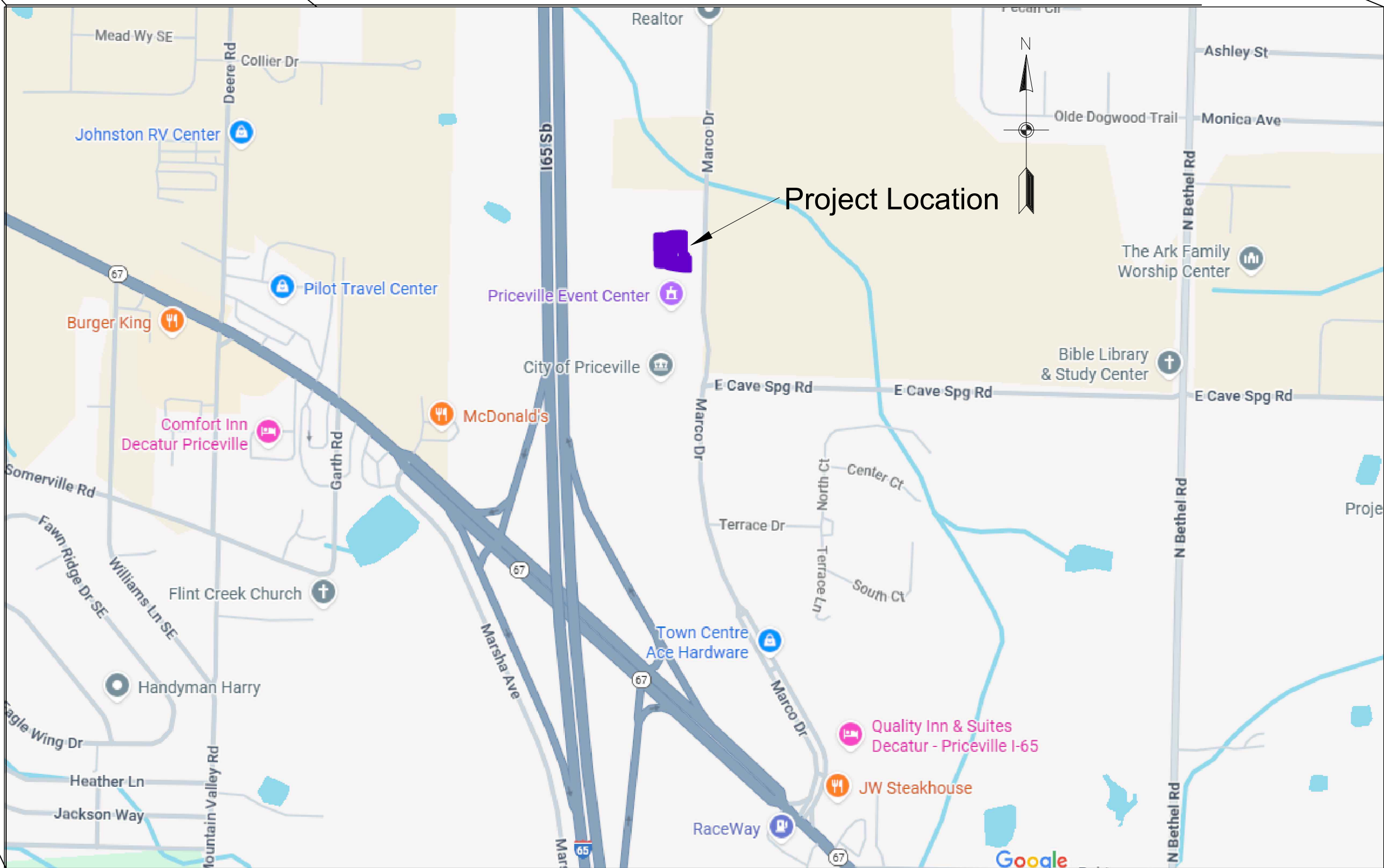


Project Location: 250 Marco Drive, Decatur, AL 35603

Project Owner: City of Priceville, AL

City Engineer: XRAM Inc.

For Questions on these plans contact the City Engineer at
1-256-898-3005 ext. 700



Vicinity Map

Sheet List Table	
Sheet Number	Sheet Title
1	Cover Page
2	Site Overview
3	General Notes
4	Site Layout
5	Grading Contours
6	Spot Elevations
7	Drive Entrance Profile
8	Court Layout and Fencing
9	Lighting - Line Diagram
10	Site Plan Lighting
11	Photometric Light Plan
12	Erosion Control
13	Handicap Sign & Striping
14	Handicap Detail
15	Handicap Ramp Detail
16	Erosion Control Detail
17	Curb and Gutter Detail
18	Asphalt Detail



560 Pine Street
Decatur, AL 35603
(844) 972-6462
www.xraminc.com
info@xraminc.com

PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL

Revisions:

COVER PAGE

Sheet
1 OF 100

W.O. NO. COP-25-003
DATE: JULY 2025
DRAWN: SRS
CHECKED: SRS

NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL



PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL

SITE OVERVIEW

Sheet
2 OF 100
W.O. NO. COP-25-0
DATE: JULY 202
DRAWN: SRS
CHECKED: SRS

General Notes:

- Construction materials. Equipment and procedures shall be in general accord with Alabama Department of Transportation (ALDOT) standard specifications for highway construction, latest edition.
- Coordination and cooperation will be required between the Contractor and the various utility departments for relocations, and/or adjustments.
- The Contractor should prevent unnecessary disruption of traffic and other activities within the project area.
- A preconstruction conference shall be required prior to beginning work. The Contractor shall furnish his proposed construction schedule, insurance certificates, materials suppliers, subContractors, etc. for the conference.
- The Contractor shall provide all required flagging personnel, traffic signs, barricades and warning devices. This is not a separate pay item but shall be included in the price bid for the work.
- The Contractor will conform to all local ordinances, codes, and requirements. Any special permits or requirements will be completely enforced.
- Other contracts may be awarded for work adjacent to the boundaries of this project. Coordination and cooperation will be required between Contractors.
- No separate item or specification was established for final cleanup. However. The Contractor is advised that grading adjacent to all facilities shall be complete, smooth, and pleasing. Positive drainage will be provided throughout the entire project area during construction as well as after final cleanup.
- Horizontal and vertical survey control references will be provided by the Owner. All other construction layout shall be provided by the Contractor.
- Density tests for earthwork and base material shall be performed on each layer or lift for each 800 square yards surface area. Concrete test cylinders shall be prepared, cured and tested for each day's pour or each 50 cubic yards or increment thereof, whichever is the greater requirement. Materials testing shall be provided by the Contractor.
- Clearing, grubbing, topsoil stripping of unsuitable material shall be accomplished to the satisfaction of the Owner's representative prior to performing the earthwork. The surface shall then be scarified, compacted, proofrolled and approved prior to placing the fill material.
- Unsuitable material can be placed on the site at a location defined by the Owner's representative. The compaction requirement for unsuitable material is 85 percent standard proctor density.
- Topsoil material will be stockpiled and used for final grading and sodding. Any excess material will be placed on the Owner's property at a location defined by the Owner's representative.
- No rock is anticipated to be encountered within the project site. However, the Contractor should examine the site to his own satisfaction prior to submitting his bid. No extra compensation will be paid should rock be encountered.
- The soil profile indicates a soil CBR rating of 5 o 6.
- Fill material for the drive entrance, parking area, and pickleball courts should be meet gradation requirements of AASHTO A-2-6 or better material for roadway embankment/subgrade. Better material is defined as A-1-a, A-1-b, A-3, A-2-4 and A-2-5.
- Fill material shall be subject to approval by the Owner's representative. Materials with rock fragments greater than 3 inches in diameter shall not be used.
- The subgrade shall be compacted to not less than 100% standard proctor density as established by AASHTO T-99 specifications. Fill material shall be placed in layers

- not to exceed 6 inches compacted thickness. Subgrade and embankment shall be placed at optimum moisture content. Not to exceed 2% deviation below or 3% deviation above optimum.
- Base course shall be crushed aggregate base course, type "B", plant mixed and compacted.
- All trenches under paved areas, shoulders and driveways shall be filled to subgrade with crushed aggregate base course, type "B", plant mixed, placed in 6" layers and compacted to 100% proctor density. No separate payment shall be made for aggregate backfill. Aggregate backfill shall be included in Contractors bid price.
- The Contractor shall backfill or provide safety protection for all open excavations before the end of each day.
- All concrete shall have a 3,000 psi minimum compressive strength at 28 days unless otherwise noted.
- All sod shall be Tifton Bermuda.
- All railings shall be for outdoor use and shall meet ADA Handicap requirements.
- The site will be shaped in accordance with the finished grade contours and graded to drain.
- Dust control by watering or other method approved by the Owner's representative will be maintained by the Contractor throughout the duration of this contract. This is not a separate pay item but will be included in the price bid for other components and items of work.
- All utility materials and installation shall meet the utility providers standard specifications.
- The Contractor is advised of other existing utilities, both above and below ground, in the project area. The Contractor is responsible for determining the presence and location of all underground utilities prior to beginning construction. The Contractor shall repair any damages to other utilities at no additional cost to the Owner.
- Existing utility locations as indicated in the drawings are based on information provided by local utility's GIS database system or from a utility locate. It is the responsibility of the Contractor to physically locate utilities prior to excavation within the subject area of utilities.
- Any quantities shown are estimates. Contractor should utilize the plans to determine quantities for bidding purposes.

Quantity Estimate (see note *)		
Item	Unit	Quantity
Curb and Gutter	LF	1400
Parking Asphalt	Sq yd	2860
Curb Removal	LF	68
Saw Cut Asphalt	LF	68
Sidewalk	Sq yd	882
Mobilization	Each	1
Traffic Control	Each	1
Temp Entrance	Each	1
White Stripe	LF	693
Yellow Stripe	LF	323
Blue Stripe	LF	240
HC Symbol	Each	4
HC Sgn	Each	4
HC Van Add On Sgn	Each	2
PickleBall Court Asphalt	Sq yd	968
Sod	Sq yd	1325
Stop Sgn	Each	1
Handrail	LF	28
Picket Railing	LF	51
Chainlink Fence	LF	408
Handicap Ramps	Each	4
Silt Fence	LF	850
16 inch round steel casing	LF	48
Rip Rap	Qu Yd	30
Earthwork	Qu Yd	**
* Contractor should confirm quantities from the plans		
** Earthwork quantities not shown		

Erosion Control Notes

- The contractor shall construct the silt fencing as shown on the Erosion Control Plan at the perimeter of the disturbed area prior to land clearing activities.
- Land disturbing activities shall be kept to a minimum and will not extend beyond the limits required for construction.
- Prior to construction, the erosion and sediment control measures shown on the Erosion Control Plan shall be in place. Clearing and grubbing operations will be engaged in only as necessary to allow the placement of erosion and sediment control measures as shown until all such measures are in place. New culvert erosion control is not required prior to culvert placement.
- Contractor shall maintain silt fences for the duration of the project until accepted by the owner at no expense to owner.
- Contractor shall maintain all erosion control measures during the entire construction period until the site is stabilized.
- Silt fences shall be cleaned or replaced when trapped sediment reaches 50 percent of the above ground fence height or a lower height based on manufacturer's specifications.
- Sediment and erosion control measures will be inspected on a daily basis and repaired, adjusted and maintained as needed or required by governing agencies at no additional expense to the owner to provide erosion and sediment control for the duration of construction and until all disturbed areas are stabilized.
- Contractor shall inspect on a daily basis for needed removal of any accumulated silts, debris, or repair of damaged silt fence at no additional expense to owner.
- All erosion control measures except for any required rip rap are temporary devices. These temporary devices shall be removed prior to completion of construction once stabilization of all grassed areas are complete.
- Additional devices may be required as deemed necessary by governing authorities.
- Depending on the time of construction, additional erosion control structures may be required to dissipate water energy flowing within the newly created road ditches. Hay bales or other approved methods should be used as needed.
- The contractor shall review their proposed grading sequence to insure that the least amount of land possible at any one time is disturbed without permanent stabilization.
- Contractor is responsible for obtaining any ADEM permits that might be required for the Project



PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL

Revisions:

GENERAL NOTES

Sheet

3 OF 100

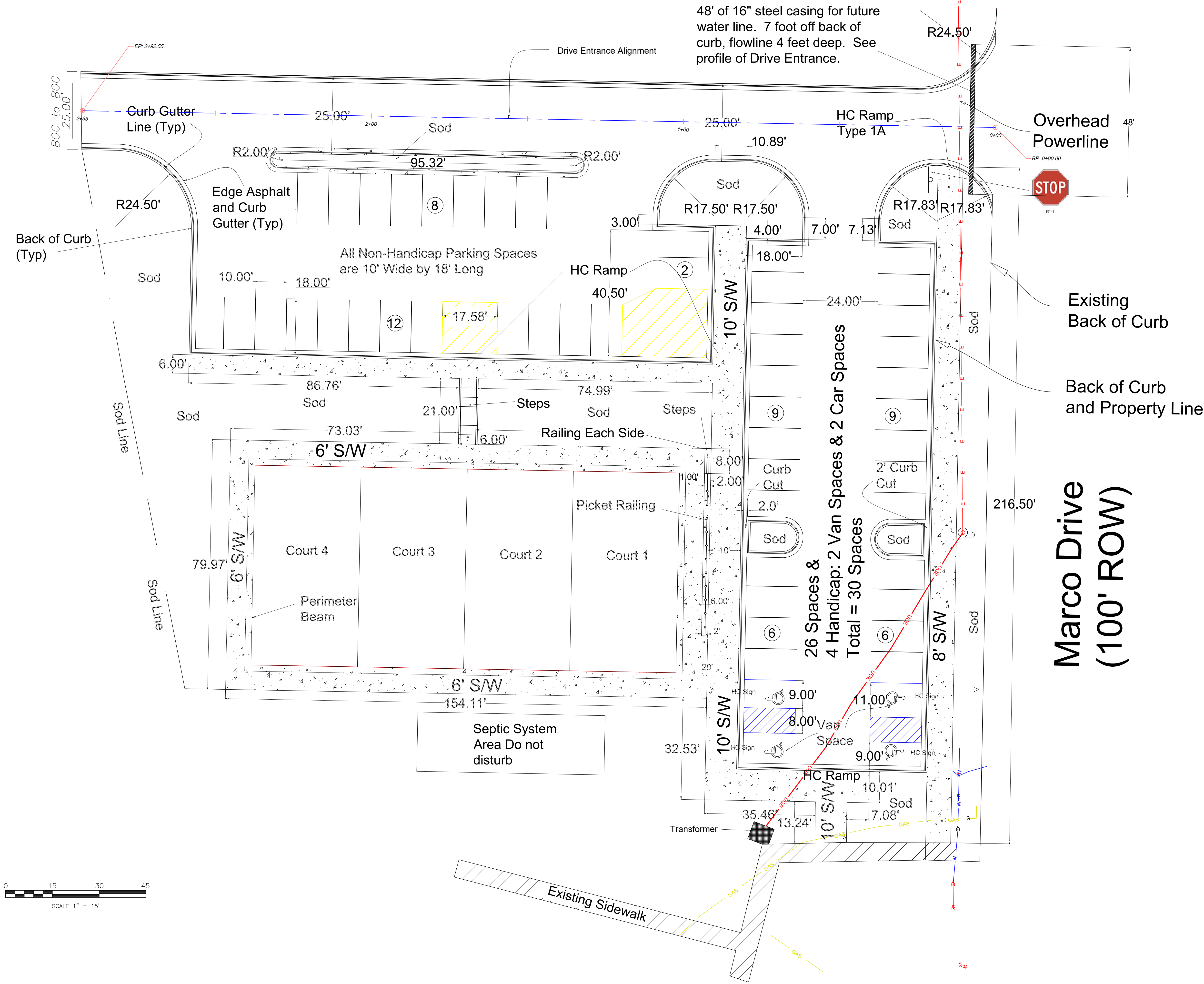
W.O. NO. COP-25-003

DATE: JULY 2025

DRAWN: SRS

CHECKED: SRS

NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL



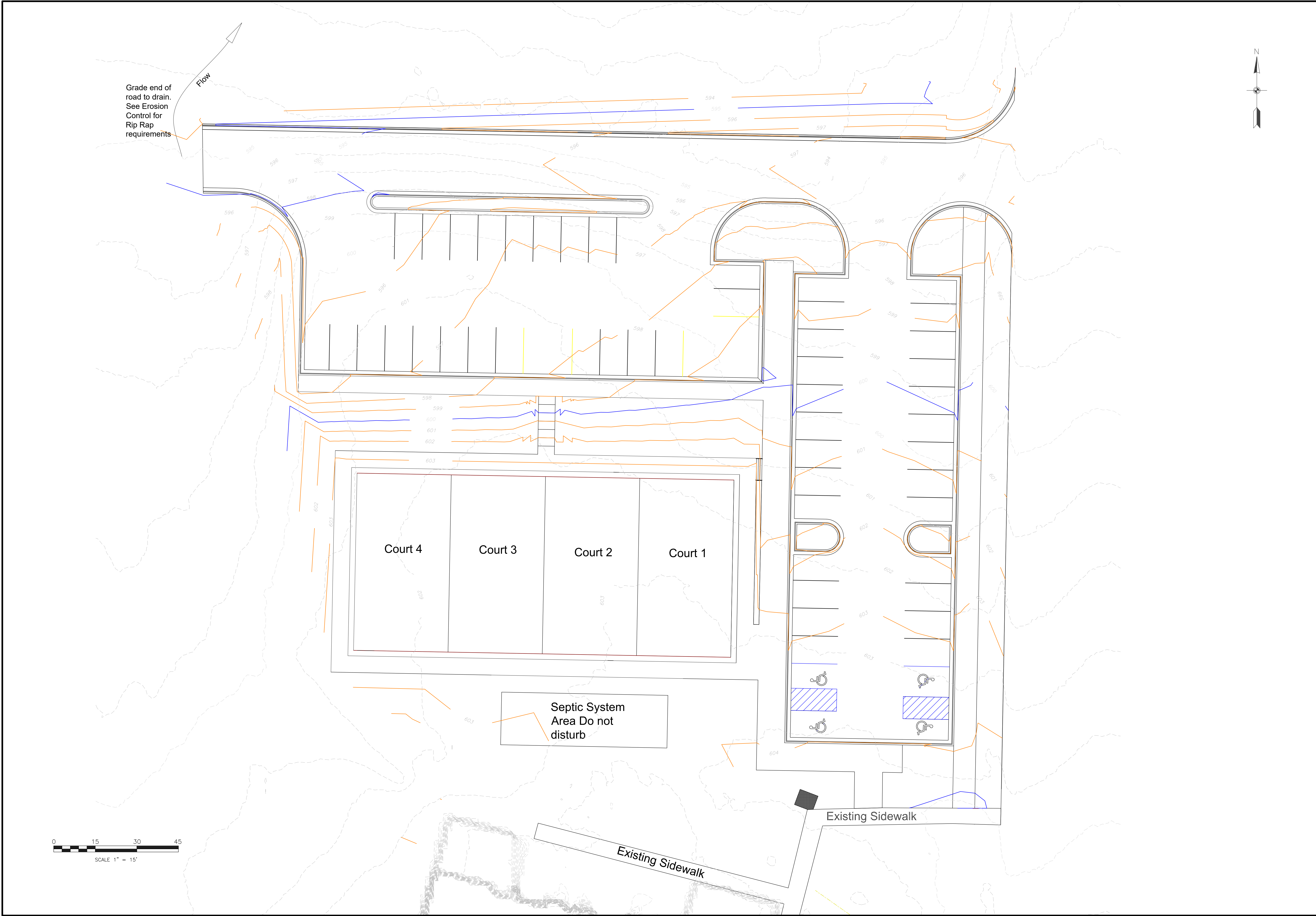
**PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL**

Revisions:

SITE LAYOUT

Sheet
4 OF 100
W.O. NO. COP-25-003
DATE: JULY 2025
DRAWN: SRS
CHECKED: SRS

NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL



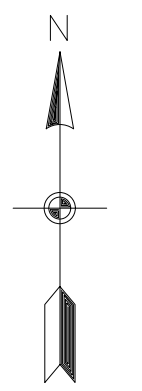
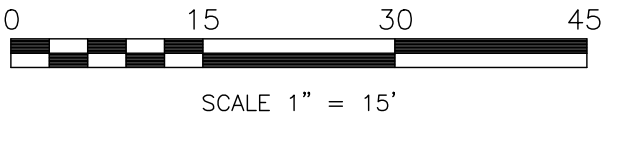
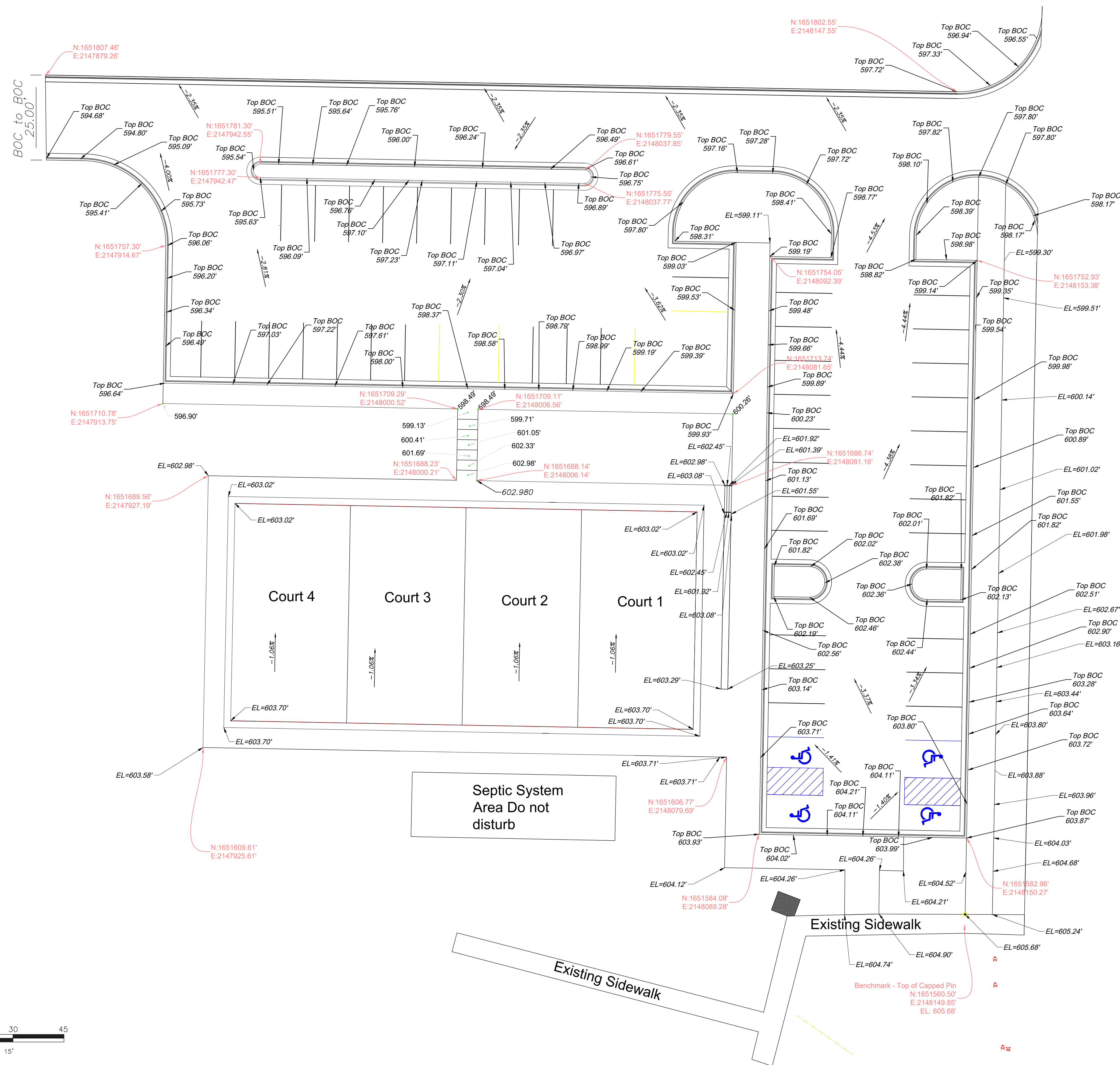
**PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL**

Revisions:

GRADING CONTOURS

Sheet	5	OF	100
W.O. NO.	COP-25-003		
DATE:	JULY 2025		
DRAWN:	SRS		
CHECKED:	SRS		

NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL



XRAM Inc.
 Surveying & Mapping (Civil/Environmental)
 560 Pine Street
 Decatur, AL 35603
 (844) 972-6462
 www.xraminc.com
 info@xraminc.com

PRICEVILLE EVENT CENTER RECREATION PROJECT PRICEVILLE, AL

Revisions:

SPOT ELEVATIONS

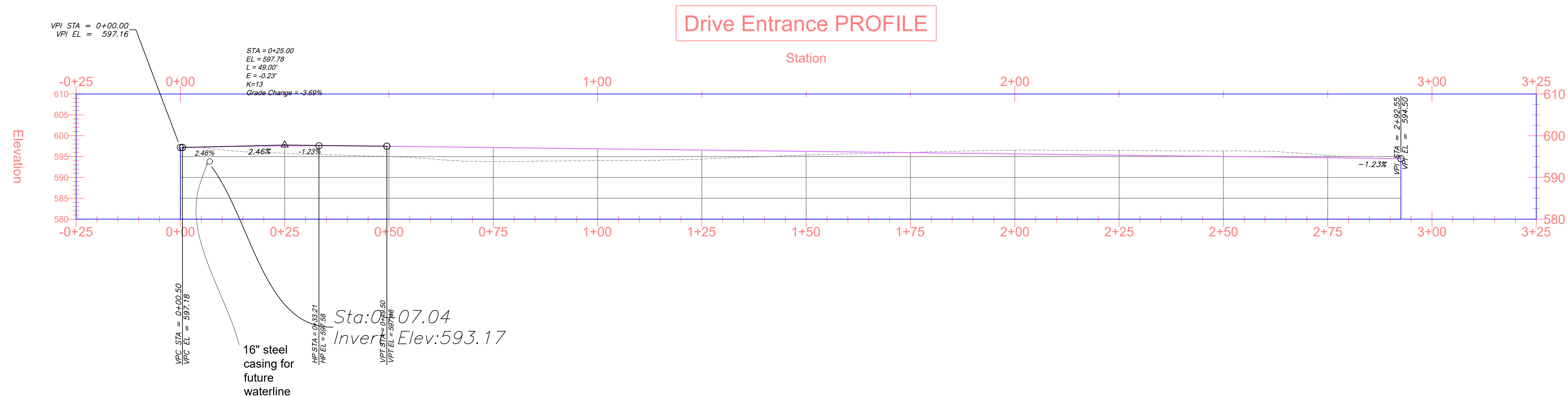
All coordinates and elevations based on NAD83 Alabama State Plane, West Zone, US Survey Foot

Top BOC = Top of Back of Curb

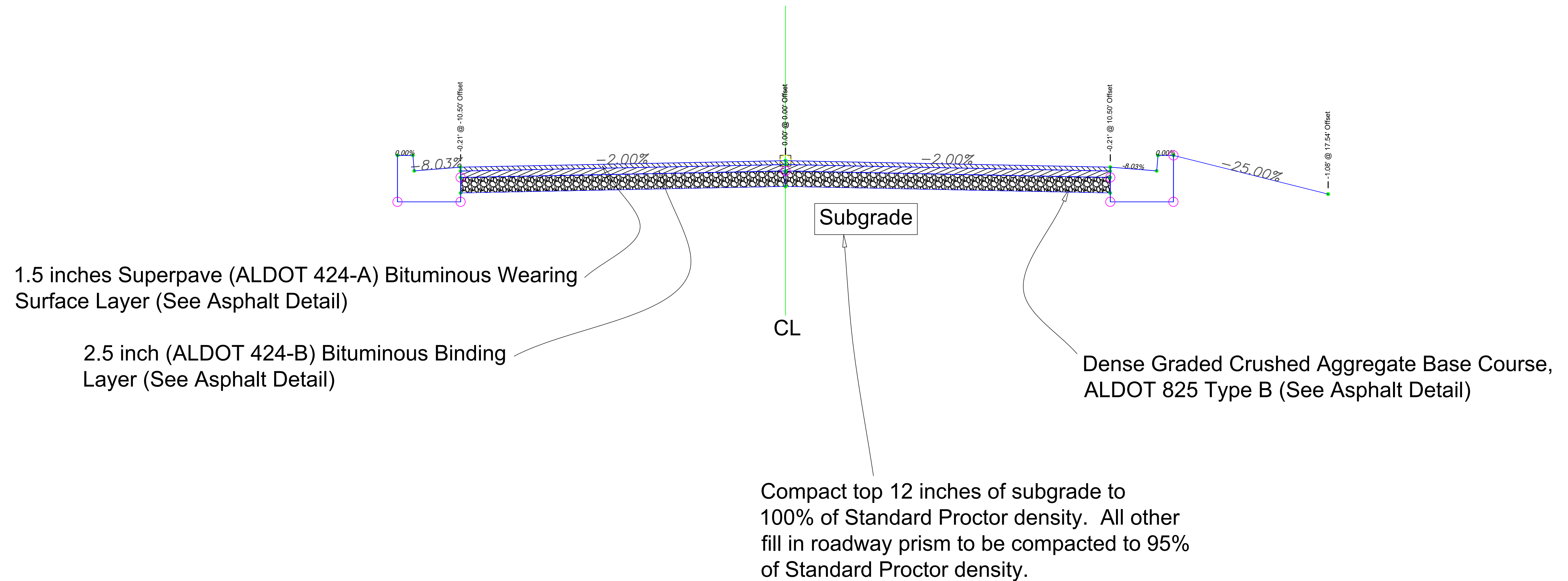
Sheet
6 OF 100

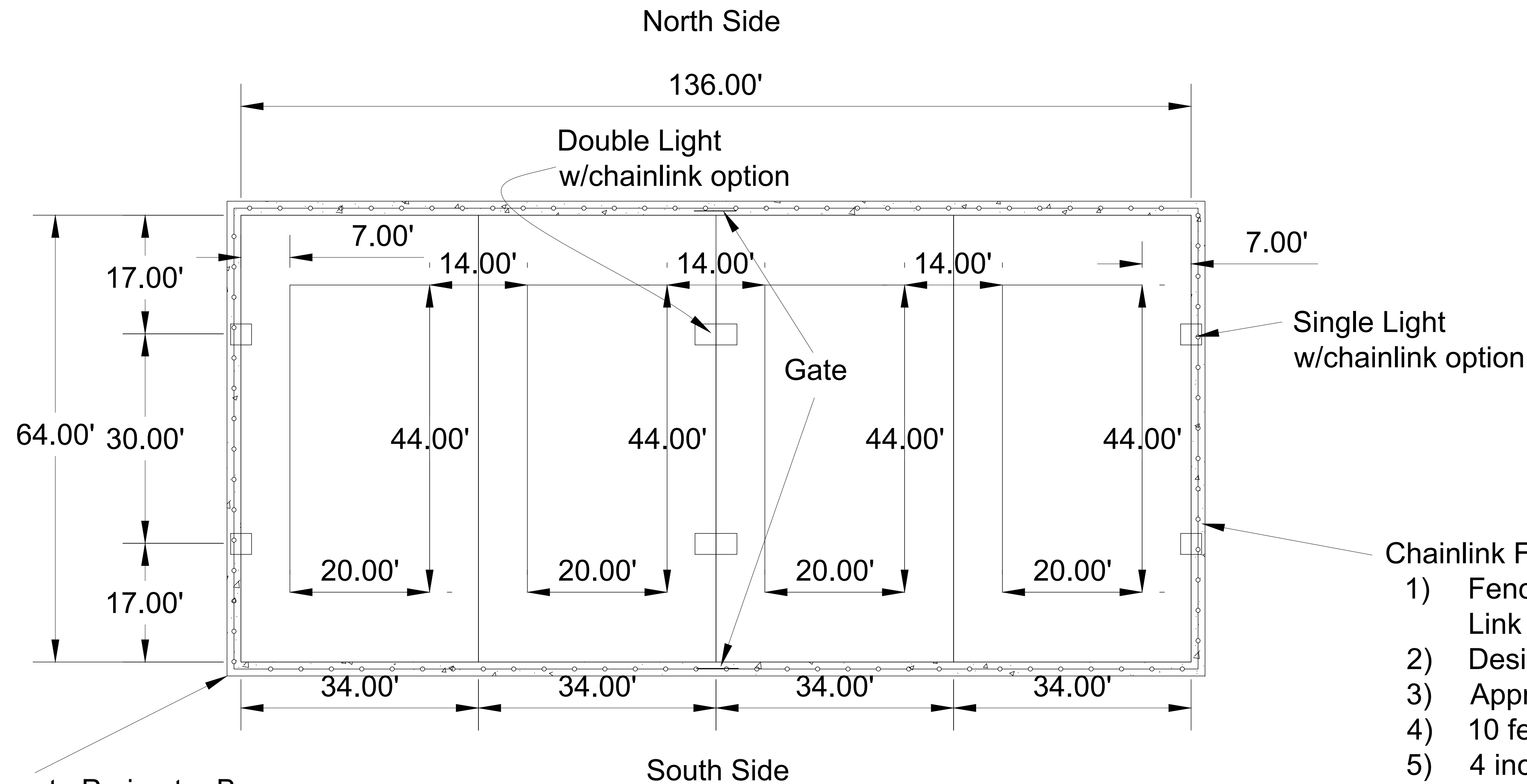
W.O. NO. COP-25-003
 DATE: JULY 2025
 DRAWN: SRS
 CHECKED: SRS

NOT VALID
 UNLESS
 SEALED WITH
 DIGITAL SIGNATURE
 OR STAMPED WITH
 INK SEAL



Drive Entrance



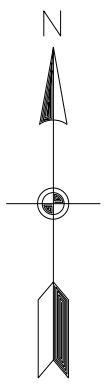
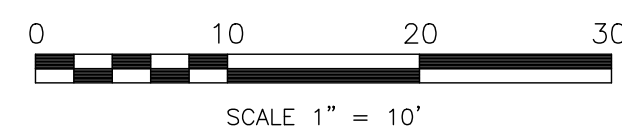


2' by 2' Concrete Perimeter Beam

- 1) Approximately 408 linear feet
- 2) 60.5 cubic yards
- 3) 3,000 psi concrete
- 4) 3 inch clearance top and sides for temperature and shrinkage (T&S) steel
- 5) Approximately 5 #4 rebars placed in the upper $\frac{1}{3}$ of beam
- 6) Splices to be per current ACI code.

- 1) For Lighting, see Electrical Plans.
- 2) Exterior court lighting to be outside of court area fencing.

- 1) Fence design is based on Chain Link Manufacturers Institute
- 2) Design wind speed is 120 mph
- 3) Approximately 408 linear feet
- 4) 10 feet high
- 5) 4 inch line posts spaced at 6 feet on center
- 6) Post grade to be ASTM F1043 Group IA
- 7) Post foundation to be 30 inch circular concrete with a minimum 3 foot depth below top of perimeter beam. 4 foot depth is preferred.
- 8) Wire gauge to be 9 gauge.
- 9) Top rail required.
- 10) Handicap accessible 6 foot wide gate opening to the inside at the center of court on the north and south side.
- 11) Gates to have wifi enabled locks



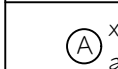
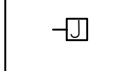
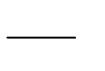
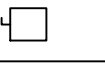
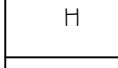
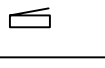
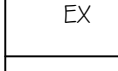
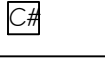
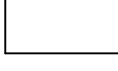
GENERAL NOTES:

- WORK TO BE PERFORMED IS FOR NEW SITE LIGHTING. THIS INCLUDES LIGHTING FOR PARKING AREA, WALKWAY, AND PICKLEBALL COURTS. BEFORE SUBMITTING BID, THE ELECTRICAL CONTRACTOR SHALL VISIT THE PROJECT SITE AND FULLY ACQUAINT HIMSELF WITH JOB CONDITIONS AND VERIFY SERVICE CONNECTIONS INCLUDING ALL NECESSARY PULL BOXES, SIZES AND NUMBER OF CONDUITS AND CONDUCTORS, AVAILABLE POWER SERVICE, ETC., WHETHER SHOWN ON DRAWING OR NOT. FAILURE TO VISIT SITE IN NO WAY RELIEVES ELECTRICAL CONTRACTOR OF KNOWLEDGE OF EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL WORK CLOSELY WITH GENERAL CONTRACTOR AND VERIFY EXACT EQUIPMENT TO BE INSTALLED AND THE DIMENSIONS WHICH MAY EFFECT THE EXACT PLACEMENT OF WORK. ALSO, ELECTRICAL CONTRACTOR SHALL PROVIDE CAPS AND CORDS FOR ALL ITEMS AS REQUIRED WHERE THEY ARE NOT STANDARD WITH MANUFACTURER AND SHORTEN ANY CORDS IF REQUESTED.
- SERVICE TO BUILDING IS 208/120 VOLT, 3 PHASE, 4 WIRE.
- CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS FOR ALL EQUIPMENT LOADS PRIOR TO ANY WORK. VERIFY MANUFACTURERS RECOMMENDED SIZE, TYPE AND CHARACTERISTICS OF OVERCURRENT PROTECTION DEVICE AND DISCONNECT SWITCH FOR ALL EQUIPMENT.
- VERIFY EXACT LOCATION OF EQUIPMENT BEFORE ROUGHING IN.
- CONTRACTOR SHALL CHECK LIGHTING FIXTURES FOR EXACT TYPE OF MOUNTING AND SPACE REQUIRED BEFORE ROUGHING IN.
- ALL ELECTRICAL EQUIPMENT EXPOSED TO WEATHER OR MOISTURE SHALL BE WEATHERPROOF.
- ALL CONDUIT IN FINISHED AREAS SHALL BE CONCEALED, UNLESS SPECIFICALLY SHOWN EXPOSED.
- ALL WIRING SHALL BE IN EMT CONDUIT WITH STEEL FITTINGS. FLEXIBLE METALLIC CONDUIT IS PERMISSIBLE FOR END OF RUN/SINGLE DROP SITUATIONS WHERE FISHED IN CAVITY OF EXISTING WALLS. CONDUIT RUNS OUTSIDE EXPOSED TO THE WEATHER SHALL BE RIGID METALLIC CONDUIT, EXCEPT WHERE BURIED OR BELOW SLAB SHALL BE SCHEDULE 40 PVC WITH RIGID METALLIC NINETIES.
- ALL WIRING SHALL BE COPPER WITH 600V THHN OR THWN INSULATION, COLORED IN RESPECT TO VOLTAGE PRESENT.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL OTHER ADOPTED STATE AND LOCAL CODES.
- ALL NEW PANELBOARDS SHALL INCLUDE A MINIMUM OF (5) 20/1 SPARE BREAKERS WHERE SPACE ALLOWS.
- PANELBOARDS SHALL BE INSTALLED WITH ODD CIRCUIT NUMBERS ON THE LEFT AND EVEN NUMBERS ON THE RIGHT. INSTALL A TYPE-WRITTEN CIRCUIT DIRECTORY IN EACH PANELBOARD IDENTIFYING EACH CIRCUITS USE. ALSO, INSTALL PHENOLIC DESIGNATION LABELS (WHITE WITH BLACK LETTERS) FOR PANELBOARD(S), DISCONNECTS, AND CONTACTORS. SECURE LABELS TO EQUIPMENT WITH STAINLESS STEEL SCREWS.
- ALL BRANCH CIRCUIT WIRING SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC REQUIREMENTS.
- ENSURE ADEQUATE CLEARANCE FOR ALL ELECTRICAL EQUIPMENT (TRANSFORMERS, PANELBOARDS, ETC.) PER NEC PRIOR TO ROUGH IN.
- MULTI-WIRE BRANCH CIRCUITS SHALL EITHER USE A MULTI-POLE BREAKER OR AN APPROVED HANDLE-TIE BETWEEN BREAKERS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS IN THE CIRCUIT.
- JUNCTION BOX IDENTIFICATION: EACH JUNCTION BOX COVER SHALL BE LABELED WITH A PERMANENT MARKER OR OTHER MEANS TO IDENTIFY THE CIRCUIT(S) WITHIN.

DESIGN NOTES:

- THE PRIMARY FACILITY ELECTRICAL DISTRIBUTION PANELS (P1A & P1B) ARE VERY FULL WITH INSUFFICIENT BREAKER SPACE TO JUST ADD THE REQUIRED CIRCUITS FOR THIS WORK. THIS DESIGN WILL ADD A NEW FEEDER BREAKER TO THE EXISTING DP1 (800A SWITCHBOARD) AND FEED A NEW SUB-PANEL, P1C. THIS ADDED PANEL WILL ALLOW FOR FUTURE LOAD ADDITIONS TO INCLUDE THE NEW BATHROOM.
- PER JOE WHEELER EMC (ELECTRIC UTILITY COMPANY) THE LAST 12 MONTHS PEAK DEMAND FOR THIS FACILITY WAS APPROXIMATELY 123kW.
- APPLYING NEC 220.87:
 - EXISTING LOADS: THE PEAK DEMAND ABOVE AT 125% GIVES 154kW.
 - MAIN SERVICE ENTRANCE: 1000A
 - THE ADDED LOAD (P1C): 7kW
 - SERVICE IS ADEQUATE: 154kW + 7kW = 163kW @ 208V, 3 PHASE GIVES 452A TOTAL LOAD. THIS FITS SAFELY WITHIN THE EXISTING 1000A SERVICE CONFIGURATION AND THE 800A SWITCHBOARD.
- CONCLUSION: THE ELECTRICAL SERVICE IS MORE THAN ADEQUATE FOR THIS ADDED LOAD.

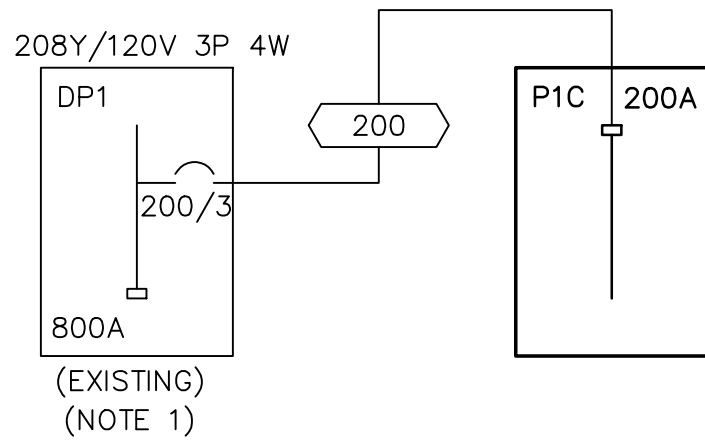
ELECTRICAL SYMBOLS

	CEILING OUTLET - FIXTURE TYPE 'A' ON CIRCUIT #x(TYP), GROUP WITH SWITCH 'a'(TYP).		BRANCH CIRCUIT - CONCEALED IN CEILING OR WALL.
	CEILING OUTLET - JUNCTION BOX.		BRANCH CIRCUIT - CONCEALED IN FLOOR.
	WALL OUTLET - JUNCTION BOX.		BRANCH CIRCUIT - EXPOSED.
	RAINTIGHT ENCLOSURE.		HOME RUN TO PANELBOARD: ANY CIRCUIT WITHOUT FURTHER DESIGNATION SHALL BE 2#12&1#12G- 1/2" C.
	WEATHERPROOF.		NON-FUSED DISCONNECT SWITCH.
	MOUNTING HEIGHT ABOVE FINISHED FLOOR.		PANELBOARD.
	EXISTING DEVICE.		CONTACTOR, MINIMUM SIZE REQUIRED UNLESS OTHERWISE NOTED.
	TIME SWITCH / CLOCK, MINIMUM SIZE REQUIRED UNLESS OTHERWISE NOTED.		

FEEDER SCHEDULE

ID	CONDUIT AND FEEDER	FEEDING THESE DEVICES
200	2"C, 3#3/0, #3/ON, #6G	P1C

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C 1/0 AND ABOVE



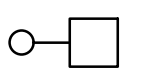
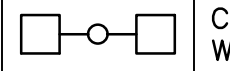
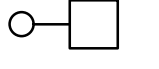
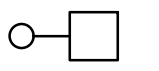
GROUND/FLOOR LEVEL

SINGLE LINE DIAGRAM
(NOT TO SCALE)

SLD NOTES:

- ADDED BREAKER TO EXISTING SWITCHBOARD DP1. MATCH AIC RATING OF EXISTING BREAKERS.

LUMINAIRE SCHEDULE

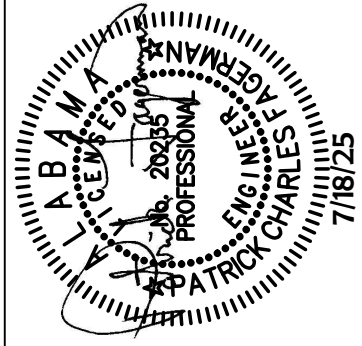
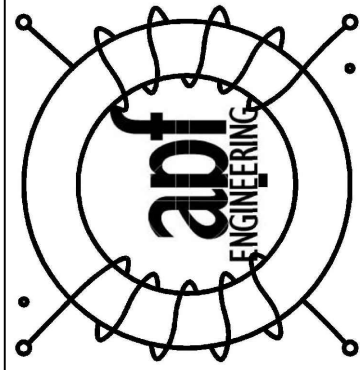
CALLOUT	SYMBOL	DESCRIPTION	MOUNTING	MODEL	INPUT WATTS	QUANTITY
PL1		RADEAN POST TOP LED AREA LUMINAIRE WITH PATHWAY TYPE III DISTRIBUTION 120-277V, 4000K CCT, 80 CRI, 10,000 LUMEN, 2-3/8" TENON MOUNT, 10kV SURGE DEVICE, DARK BRONZE FINISH, MOUNTED AT 16'-0"H AFG WITH 6"H AFG CONCRETE BASE.	POLE AT 16'-0" AFG	LITHONIA RADPT-P4-40K-PATH-MVOLT-RADPT20-DDBXD WITH POLE #RTA-14-5G-T20-DDBXD	123	4
PL1C		ZONE LARGE LED OUTDOOR SPORTS LIGHT WITH COURT OPTICS, 102-277V, 10kV SURGE DEVICE, WITH DARK BRONZE FINISH, 70 CRI, 5000K CCT. MOUNT ON LSI RSS DIRECT BURIAL POLE.	POLE AT 24'-0" AFG	LSI ZNL-65L-CT-UNV-50-XX-BRZ WITH POLE #4RPDB-B5-S11G-24-S-BRZ	518	4
PL2C		ZONE LARGE LED OUTDOOR SPORTS LIGHT WITH COURT OPTICS, 102-277V, 10kV SURGE DEVICE, WITH DARK BRONZE FINISH, 70 CRI, 5000K CCT. MOUNT ON LSI RSS DIRECT BURIAL POLE.	POLE AT 24'-0" AFG	LSI ZNL-65L-CT-UNV-50-XX-BRZ (Q2) WITH POLE #4RPDB-B5-S11G-24-D180-BRZ	1036	2
PL4FT		D-SERIES SIZE 1 LED AREA LUMINAIRE, 4000K CCT, 70 CRI, TYPE FORWARD THROW MEDIUM DISTRIBUTION, 4" SQUARE POLE, DARK BRONZE FINISH, MOUNTED AT 30'-6"H AFG ON 30' POLE WITH 0'-6"H AFG CONCRETE BASE.	POLE AT 30'-6" AFG	LITHONIA DSX2-LED-P9-40K-70CRI-TFTM-MVOLT-SPA-DDBXD AND POLE #SSS-30-4GDM19AS-DDBXD	279	2
PL4M		D-SERIES SIZE 1 LED AREA LUMINAIRE, 4000K CCT, 70 CRI, TYPE IV MEDIUM DISTRIBUTION, 4" SQUARE POLE, DARK BRONZE FINISH, MOUNTED AT 30'-6"H AFG ON 30' POLE WITH 0'-6"H AFG CONCRETE BASE.	POLE AT 30'-6" AFG	LITHONIA DSX1-LED-P9-40K-70CRI-T4M-MVOLT-SPA-DDBXD AND POLE #SSS-30-4GDM19AS-DDBXD	279	1

DP1

ROOM		VOLTS 208Y/120V 3P 4W		AIC 42,000			
MOUNTING FLOOR		BUS AMPS 800		MAIN BKR MLO			
FED FROM UTILITY		NEUTRAL 100%		LUGS STANDARD			
NOTE EXISTING; MATCH BREAKER AIC RATING WITH THE EXISTING.							
CKT #	BREAKER TRIP/POLES	CIRCUIT DESCRIPTION	LOAD KVA			FEEDER RACEWAY AND CONDUCTORS	
			A	B	C		
1	250/3	AHU1 (EXISTING)	0	0	0	2"C, 3#3/0, #3/ON, #6G	
2	250/3	PANEL P1B (EXISTING)	0	0	0		
3	250/3	AHU2 (EXISTING)	0	0	0		
4	150/3	PANEL P1A (EXISTING)	0	0	0		
5	150/3	ELEVATOR (EXISTING)	0	0	0		
6	200/3	PANEL P1C	2.49	0.665	2.32		
7	20/3	SPACE	0	0	0		
8	20/3	SPACE	0	0	0		
9	20/3	SPACE	0	0	0		
10	20/3	SPACE	0	0	0		
TOTAL CONNECTED KVA BY PHASE			2.49	0.665	2.32		
			CONN KVA	CALC KVA		CALC KVA	
LIGHTING			5.47	6.84	(125%)	TOTAL LOAD BALANCED 3-PHASE LOAD 6.84 19 A	

P1C

ROOM		VOLTS 208Y/120V 3P 4W		AIC 22,000							
MOUNTING FLUSH		BUS AMPS 200		MAIN BKR MLO							
FED FROM DP1		NEUTRAL 100%		LUGS STANDARD							
NOTE											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/2	PARKING LIGHTING	0.419	0.419		2	20/1	SPACE	0	0	
3						4	20/1	SPACE			
5	30/2	PICKLE BALL LIGHTING			2.07	6	20/1	SPACE			0
7			2.07			8	20/1	SPACE	0		
9	20/2	WALKWAY LIGHTING		0.246		10	20/1	SPACE		0	
11					0.246	12	20/1	SPACE			0
13	20/1	SPACE	0			14	20/1	SPACE	0		
15	20/1	SPACE		0		16	20/1	SPACE		0	
17	20/1	SPACE			0	18	20/1	SPACE			0
19	20/1	SPACE	0			20	20/1	SPACE	0		
21	20/1	SPACE		0		22	20/1	SPACE		0	
23	20/1	SPACE			0	24	20/1	SPACE			0
25	20/1	SPACE	0			26	20/1	SPACE	0		
27	20/1	SPACE		0		28	20/1	SPACE		0	
29	20/1	SPACE			0	30	20/1	SPACE			0
31	20/1	SPACE	0			32	20/1	SPACE	0		
33	20/1	SPACE		0		34	20/1	SPACE		0	
35	20/1	SPACE			0	36	20/1	SPACE			0
37	20/1	SPACE	0			38	20/1	SPACE	0		
39	20/1	SPACE		0		40	20/1	SPACE		0	
41	20/1	SPACE			0	42	20/1	SPACE			0
TOTAL CONNECTED KVA BY PHASE			2.49	0.665	2.32						
			CONN KVA	CALC KVA					CALC KVA		
LIGHTING			5.47	6.84	(125%)	TOTAL LOAD BALANCED 3-PHASE LOAD			6.84 19 A		



PRICEVILLE EVENT CENTER
NORTH SIDE PARKING & PICKLEBALL
MARCO DRIVE, PRICEVILLE, ALABAMA

CONSULTING ENGINEERS
apf Engineering, Inc.

Dacula, Alabama
office@apfengineering.com

Phone
(256) 751-2794

JOB NUMBER
25-0710

DRAWN BY: DM/PF
CHECKED BY: PF
DATE: 07-18-25

SHEET TITLE
SINGLE LINE DIAGRAM,
SCHEDULES, NOTES AND
DETAILS

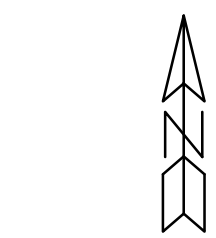
REVISION / NOTES

SHEET NUMBER
E100

SET COUNT
-

GENERAL LIGHTING POWER / CONTROL NOTES:

- LCP IS AN EXISTING 16 RELAY ACUITY ARP LIGHTING CONTROL PANEL WITH SPARE LIGHTING CONTROL RELAYS. ADD (3)ADDITIONAL RELAYS (#13,14,15) TO THIS PANEL; SEE FOLLOWING NOTE 2. USE RELAYS PAIRED AS 10/11, 12/13 AND 14/15 FOR THIS WORK.
- THE EXISTING LCP HAS (12) INSTALLED RELAYS WITH (4) UNUSED SINGLE POLE RELAYS IN POSITIONS 1, 10, 11 & 12. AS ALL OF OUR SITE LIGHTING CIRCUIT WILL USE (2) POLES, (2) SINGLE POLE RELAYS MUST BE PAIRED (TIED TOGETHER) AND THEREFORE MUST BY ADJACENT WITHIN THE PANEL. THE CONTRACTOR SHALL PURCHASE AND INSTALL (3)ARP FIELD CONFIGURABLE RELAYS, ACUITY BRAND 'ARPA FCR40 KIT'. INCLUDE RELAY/BREAKER TIES FOR PAIRING AS NOTED ABOVE. CONFIRM EXACT MATCH PRIOR TO PURCHASE.
- EACH LIGHTING CIRCUIT'S CONTROLS SHALL BE CONFIGURED / PROGRAMMED TO OPERATE FROM DUSK TO DAWN OR AS OTHERWISE DIRECTED BY THE OWNER. THE OWNER MAY PREFER THE PICKLEBALL COURTS TO OPERATED FROM DUSK TO 10PM, COORDINATE WITH OWNER.
- CONDUIT SHALL BE SURFACE MOUNTED IN THIS ROOM. COORDINATE WITH OWNER ON CONDUIT ROUTING, IN PARTICULAR, ROUTING THROUGH FACILITY AND UNDER SIDE WALK.

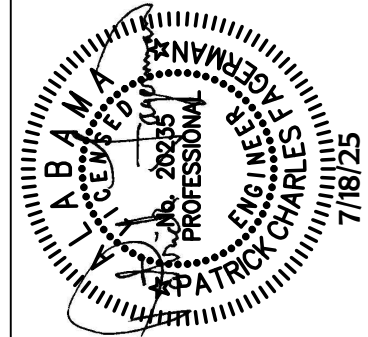
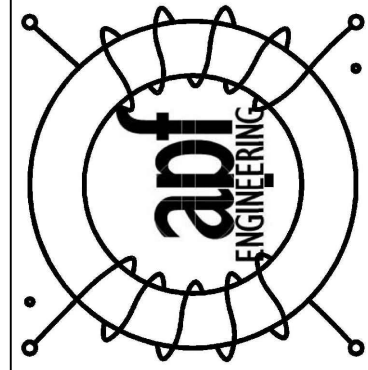
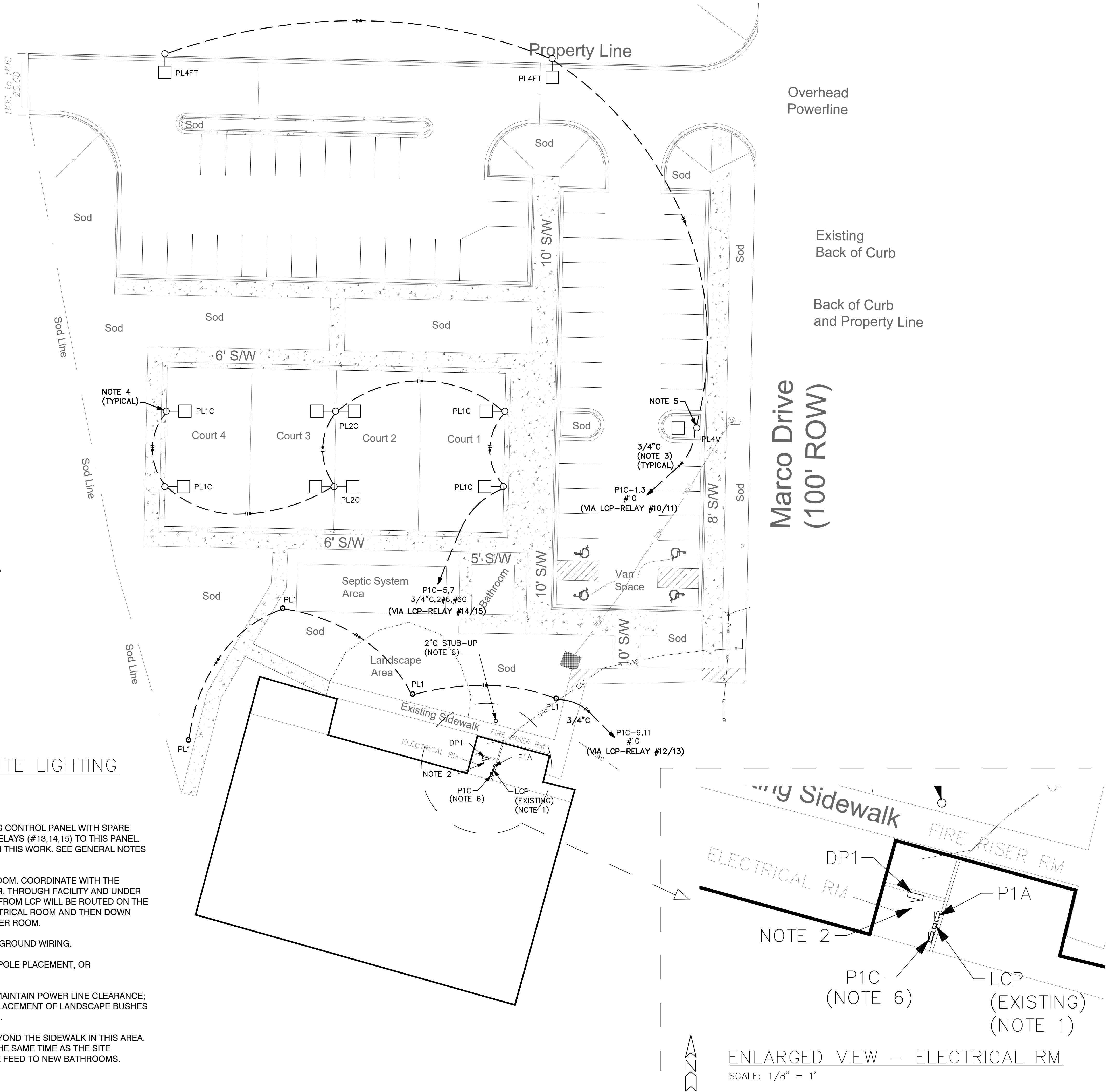


SITE PLAN - SITE LIGHTING

SCALE: 1" = 20'

NOTES:

- LCP IS AN EXISTING 16 RELAY ACUITY ARP LIGHTING CONTROL PANEL WITH SPARE LIGHTING CONTROL RELAYS. ADD (3)ADDITIONAL RELAYS (#13,14,15) TO THIS PANEL. USE RELAYS PAIRED AS 10/11, 12/13 AND 14/15 FOR THIS WORK. SEE GENERAL NOTES ON THIS PAGE.
- CONDUIT SHALL BE SURFACE MOUNTED IN THIS ROOM. COORDINATE WITH THE OWNER ON THE CONDUIT ROUTING, IN PARTICULAR, THROUGH FACILITY AND UNDER SIDE WALK. IT IS ANTICIPATED THAT THE CONDUIT FROM LCP WILL BE ROUTED ON THE CEILING, THROUGH THE NORTH WALL IN THE ELECTRICAL ROOM AND THEN DOWN AND LOW THROUGH NORTH WALL OF THE FIRE RISER ROOM.
- USE A MINIMUM 3/4" PVC CONDUIT FOR ALL UNDERGROUND WIRING.
- COORDINATE WITH PICKLEBALL CONTRACTOR ON POLE PLACEMENT, OR ATTACHMENT, WITH PICKLE BALL COURT FENCING.
- THIS POLE MAY NEED TO BE SHIFTED INWARD TO MAINTAIN POWER LINE CLEARANCE; STAY WITHIN THE ISLAND. THIS MAY EFFECT THE PLACEMENT OF LANDSCAPE BUSHES BUT THE PHOTOMETRICS WILL STILL BE ADEQUATE.
- EXTEND 2" CONDUIT FROM PANEL P1C TO JUST BEYOND THE SIDEWALK IN THIS AREA. INSTALL THIS CONDUIT IN SAME TRENCH AND AT THE SAME TIME AS THE SITE LIGHTING HOME-RUN CIRCUITS. 2"C IS FOR FUTURE FEED TO NEW BATHROOMS.



PRICEVILLE EVENT CENTER
NORTH SIDE PARKING & PICKLEBALL
MARCO DRIVE, PRICEVILLE, ALABAMA

CONSULTING ENGINEERS
apf Engineering, Inc.
Decatur, Alabama
office@apfengineering.com
Phone
(256) 751-2794

JOB NUMBER
25-0710

DRAWN BY DM/PF
CHECKED BY PF
DATE 07-18-25

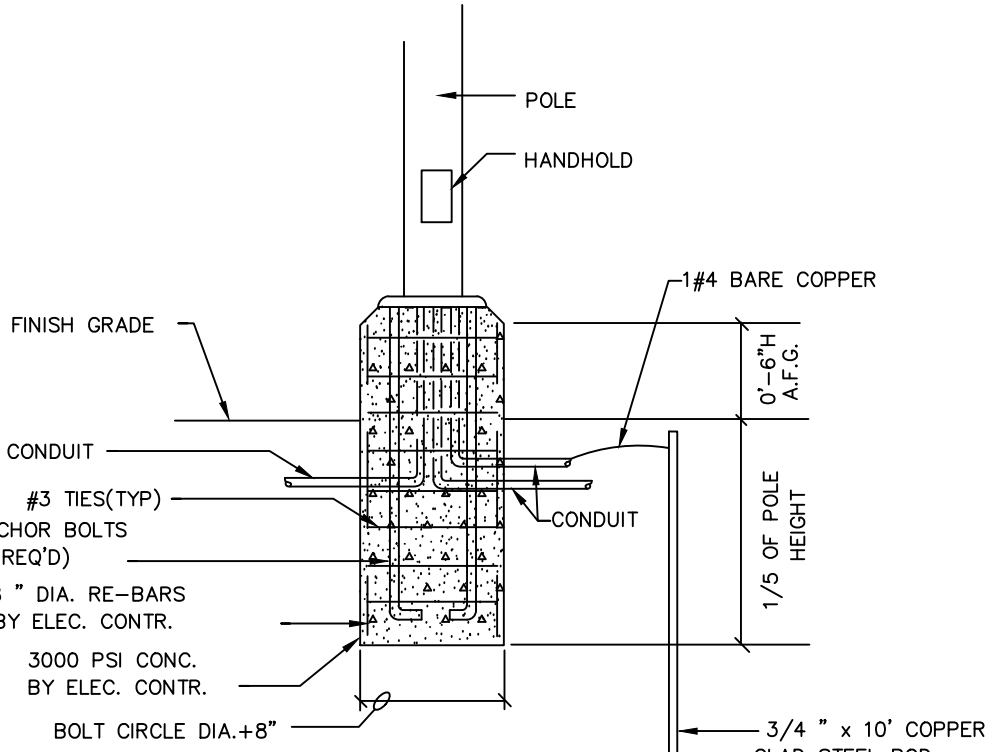
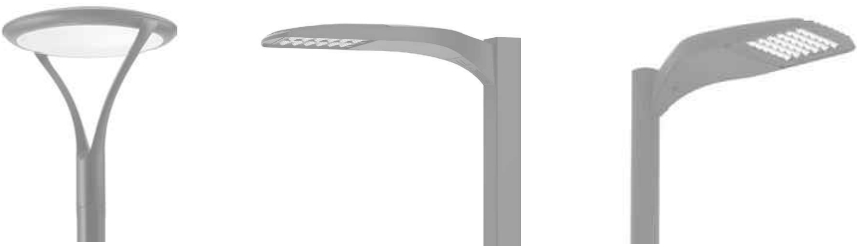
SHEET TITLE
SITE PLAN - SITE LIGHTING

REVISION / NOTES

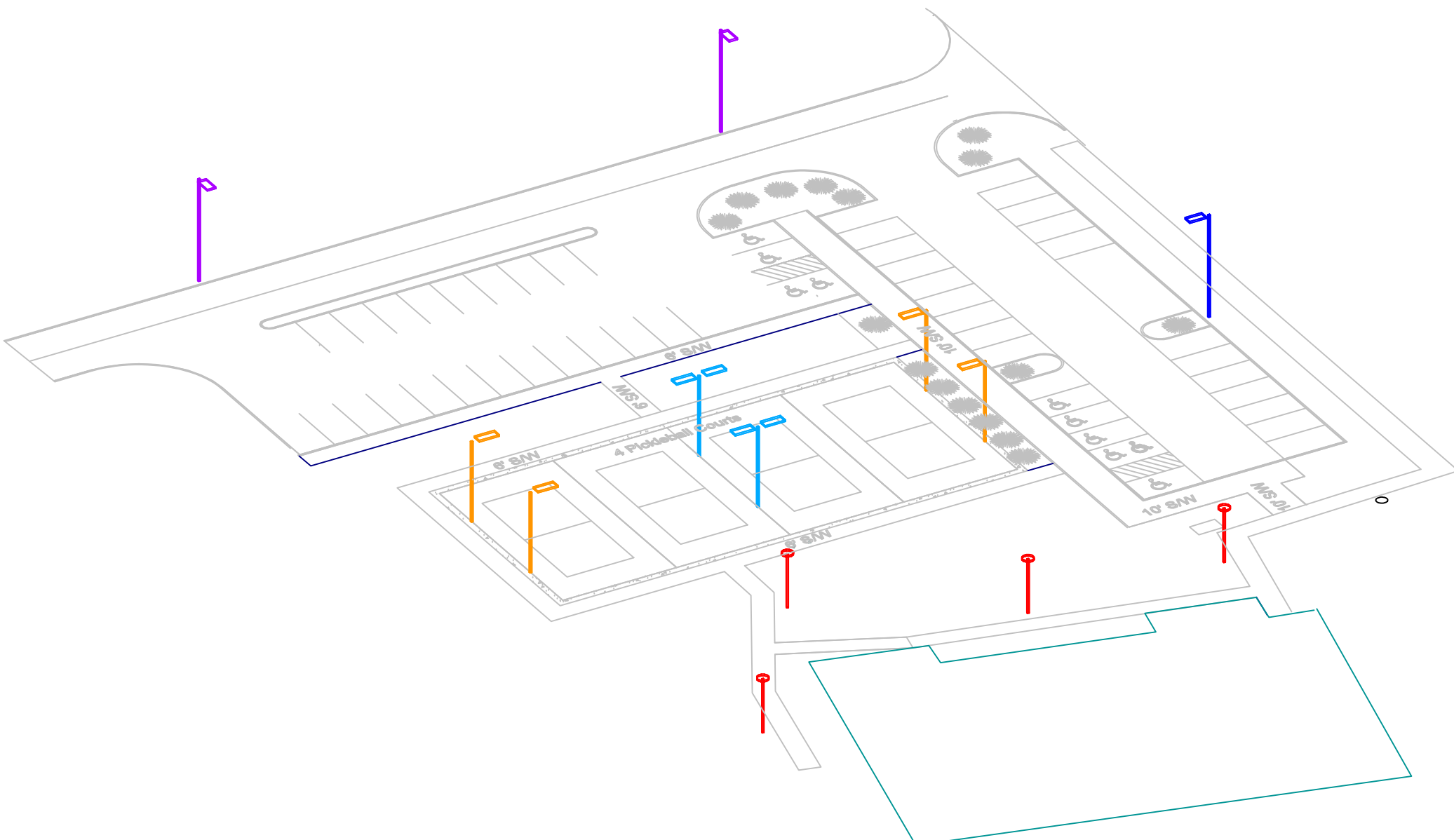
SHEET NUMBER
E200
SET COUNT
-

Schedule									
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Filename	LLF	Wattage
	PL1	4	LITHONIA LIGHTING	RADPT-P4-40K-PATH-MVOLT-RADPT20-DOBXD MOUNTED AT 16'-0" H AFG ON LITHONIA POLE #RTA-14-SG-120-DOBXD WITH CONCRETE BASE 0'-6" AFG. CONFIRM POLE EPA IS SATISFACTORY AND SELECT DESIRED OPTIONS BEFORE ORDERING.	RADEAN POST TOP LED AREA LUMINAIRE WITH PATHWAY TYPE III DISTRIBUTION, 120-277V DRIVER, 0-10V DIMMING WHEN CONNECTED, 2-3/8" TENDON MOUNT, 10KV SURGE DEVICE, AND DARK BRONZE FINISH.	LED, 80 CRI, 4000K.	RADPT_P4_40K_PATH.ies	0.95	86
	PL4M	1	LITHONIA LIGHTING	DSX1-LED-P9-40K-70CRI-T4M-MVOLT-SPA-DOBXD MOUNTED AT 30'-6" H ON LITHONIA POLE #SSS-30-4G-DM19AS-DOBXD WITH CONCRETE BASE 0'-6" AFG. CONFIRM POLE EPA IS SATISFACTORY AND SELECT DESIRED OPTIONS BEFORE ORDERING.	D-SERIES SIZE 1 LED AREA LUMINAIRE WITH TYPE IV FORWARD THROW MEDIUM DISTRIBUTION, 120-277V DRIVER, 0-10V DIMMING WHEN CONNECTED, 10KV SURGE DEVICE, AND DARK BRONZE FINISH.	LED, 70 CRI, 4000K.	DSX1_LED_P9_40K_70CRI_T4M.ies	0.95	279
	PL4FT	2	LITHONIA LIGHTING	DSX2-LED-P9-40K-70CRI-TFTM-MVOLT-SPA-DOBXD MOUNTED AT 30'-6" H ON LITHONIA POLE #SSS-30-4G-DM19AS-DOBXD WITH CONCRETE BASE 0'-6" AFG. CONFIRM POLE EPA IS SATISFACTORY AND SELECT DESIRED OPTIONS BEFORE ORDERING.	D-SERIES SIZE 1 LED AREA LUMINAIRE WITH TYPE FORWARD THROW MEDIUM DISTRIBUTION, 120-277V DRIVER, 0-10V DIMMING WHEN CONNECTED, 10KV SURGE DEVICE, AND DARK BRONZE FINISH.	LED, 70 CRI, 4000K.	DSX1_LED_P9_40K_70CRI_TFTM.ies	0.95	279
	PL1C	4	LSI INDUSTRIES, INC.	ZNL-65L-CT-UNV-50-w-BRZ MOUNTED AT 24'-0" H AFF ON LSI RSS DIRECT BURIAL POLE #ARPD8-B5-S11G-24-S-BRZ. CONFIRM POLE EPA IS SATISFACTORY AND SELECT DESIRED OPTIONS BEFORE ORDERING.	ZONE LARGE LED OUTDOOR SPORTS LIGHT WITH COURT OPTICS, 120-277V DRIVER, 0-10V DIMMING WHEN CONNECTED, 10KV SURGE DEVICE, AND DARK BRONZE FINISH.	LED, 70 CRI, 5000K.	ZNL-65L-CT-50.ies	0.97	518
	PL2C	2	LSI INDUSTRIES, INC.	(2) ZNL-65L-CT-UNV-50-w-BRZ MOUNTED AT 24'-0" H AFF ON LSI RSS DIRECT BURIAL POLE #ARPD8-B5-S11G-24-D180-BRZ. CONFIRM POLE EPA IS SATISFACTORY AND SELECT DESIRED OPTIONS BEFORE ORDERING.	TWIN MOUNTED ZONE LARGE LED OUTDOOR SPORTS LIGHT WITH COURT OPTICS, 120-277V DRIVER, 0-10V DIMMING WHEN CONNECTED, 10KV SURGE DEVICE, AND DARK BRONZE FINISH.	LED, 70 CRI, 5000K.	ZNL-65L-CT-50.ies	0.97	1036

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING & DRIVES		2.1 fc	4.6 fc	0.7 fc	6.6:1	3.0:1
PICKLEBALL COURT SURROUNDINGS		41.5 fc	77.0 fc	25.7 fc	3.0:1	1.6:1
PICKLEBALL CT. #1		50.6 fc	56.0 fc	41.5 fc	1.3:1	1.2:1
PICKLEBALL CT. #2		54.6 fc	63.5 fc	42.8 fc	1.5:1	1.3:1
PICKLEBALL CT. #3		54.5 fc	63.4 fc	42.6 fc	1.5:1	1.3:1
PICKLEBALL CT. #4		50.2 fc	55.6 fc	41.1 fc	1.4:1	1.2:1
SIDEWALKS		6.2 fc	25.3 fc	0.2 fc	126.5:1	31.0:1



POLE BASE DETAIL
NO SCALE

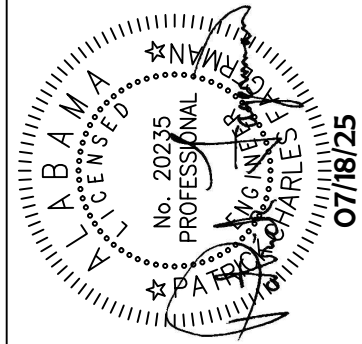
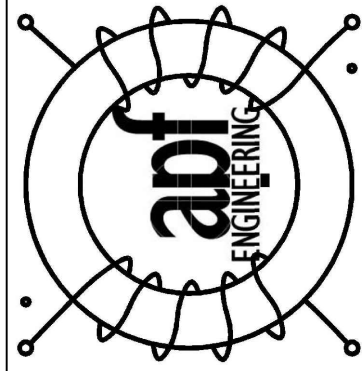
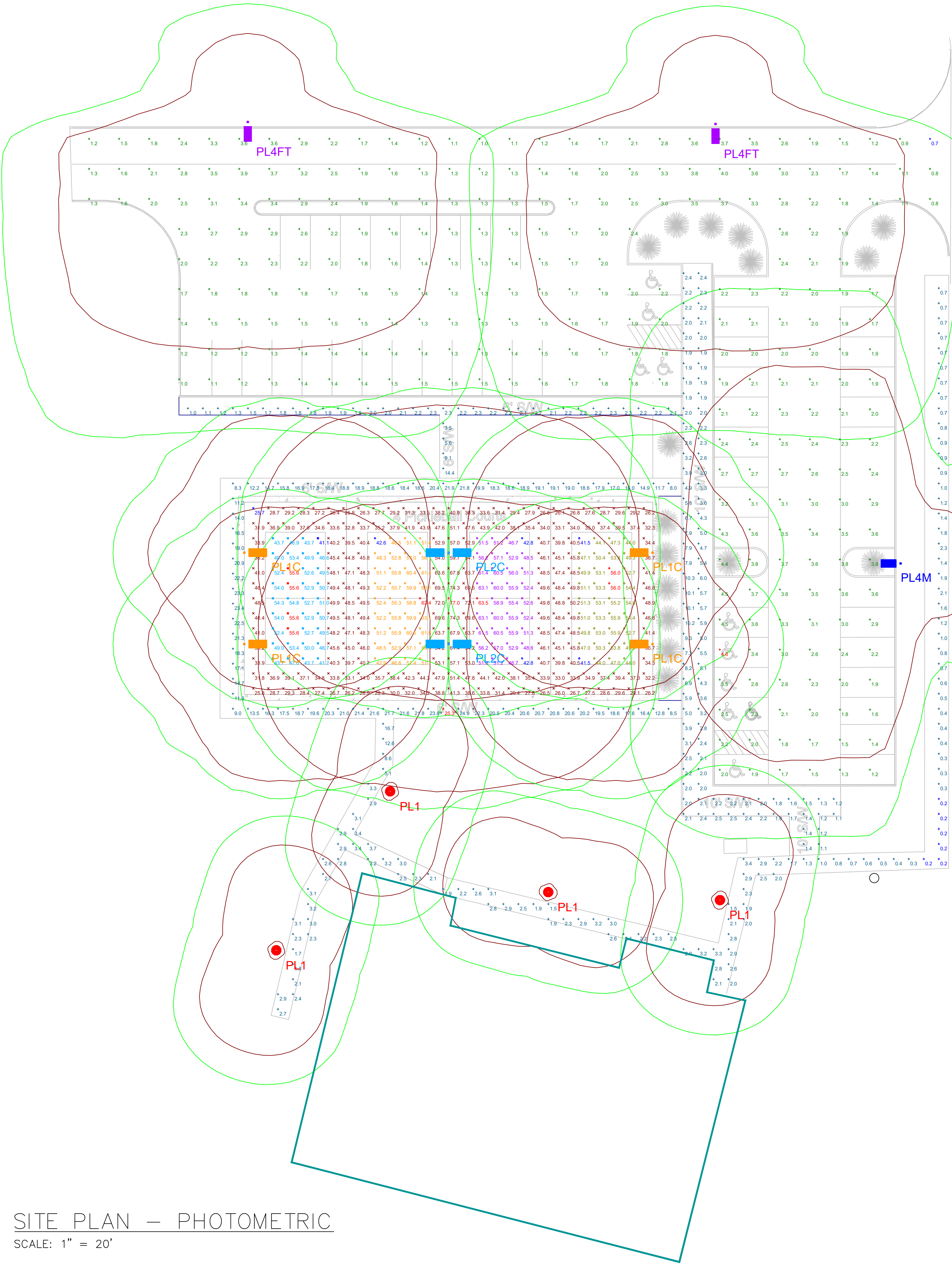


- Note
- Lighting Design for Pickleball Courts is per ANSI/IES RP-6-22 Class 3 Recreation Requirements.
 - Calculations are direct only.
 - Calculations for parking lot and sidewalks are at grade/ground level unless otherwise noted.
 - Calculations for Pickleball Courts and surrounding court area is at 3'-0"H above playing surface.
 - Any change in mounting height, setback, fixture manufacture, and model number deems this layout void and layout should be redesigned and redistributed.
 - Contact Inline Electric Supply Salesperson at (256) 533-2851 for quote and availability.

South West View



SITE PLAN — PHOTOMETRIC
SCALE: 1" = 20'



PRICEVILLE EVENT CENTER
NORTH SIDE PARKING & PICKLEBALL
MARCO DRIVE, PRICEVILLE, ALABAMA

CONSULTING ENGINEERS
apf Engineering, Inc.
Decatur, Alabama
office@apfengineering.com

Phone
(256)751-2794

JOB NUMBER
25-0710

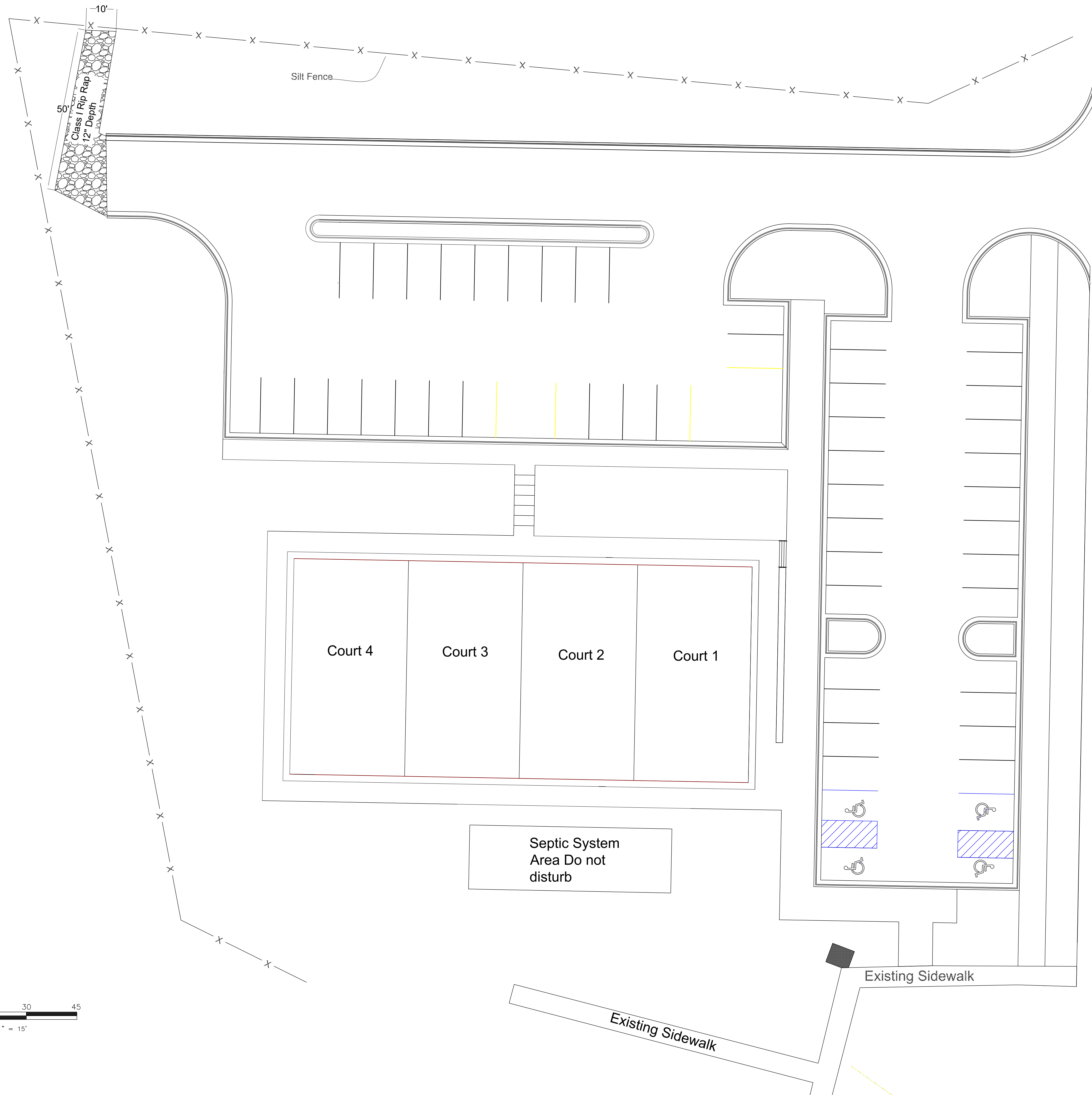
DRAWN BY: DH/PF
CHECKED BY: PF
DATE: 07-18-25

SHEET TITLE
PHOTOMETRIC SITE PLAN

REVISION / NOTES

SHEET NUMBER
E300

SET COUNT
-



XRAM Inc.
560 Pine Street
Decatur, AL 35603
(844) 972-6462
www.xraminc.com
info@xraminc.com

PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL

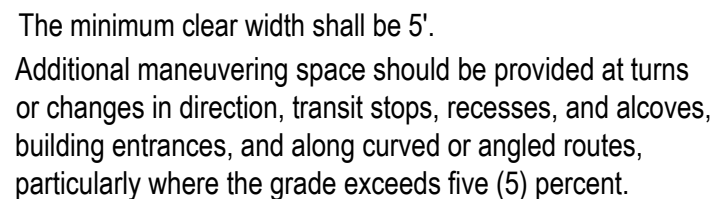
Revisions:

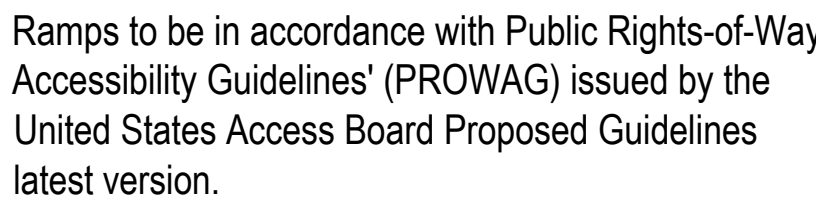
EROSION CONTROL

Sheet		
12	OF	100
W.O. NO. COP-25-003		
DATE: JULY 2025		
DRAWN: SRS		
CHECKED: SRS		

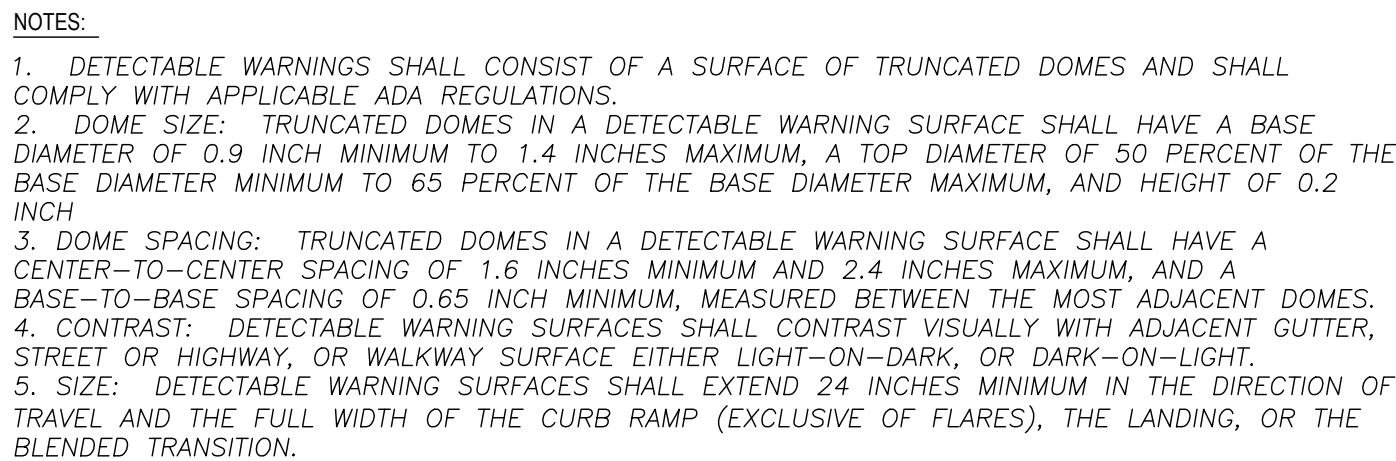
NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL

DOWN TOWN USE





NOT TO SCALE



HAND RAIL TO BE INSERTED
IN SLEEVE.

RIGHT ALT. VIEW



NOT TO SCALE

ADA PARKING SIGN TYPE DEFAULT

NOT TO SCALE



PRICEVILLE EVENT CENTER RECREATION PROJECT

Revisions:

HANDICAP SIGN & STRIPING

Sheet

13 OF 100

W.O. NO. COP-25-003

DATE: JULY 2025

DRAWN: SRS

CHECKED: SRS

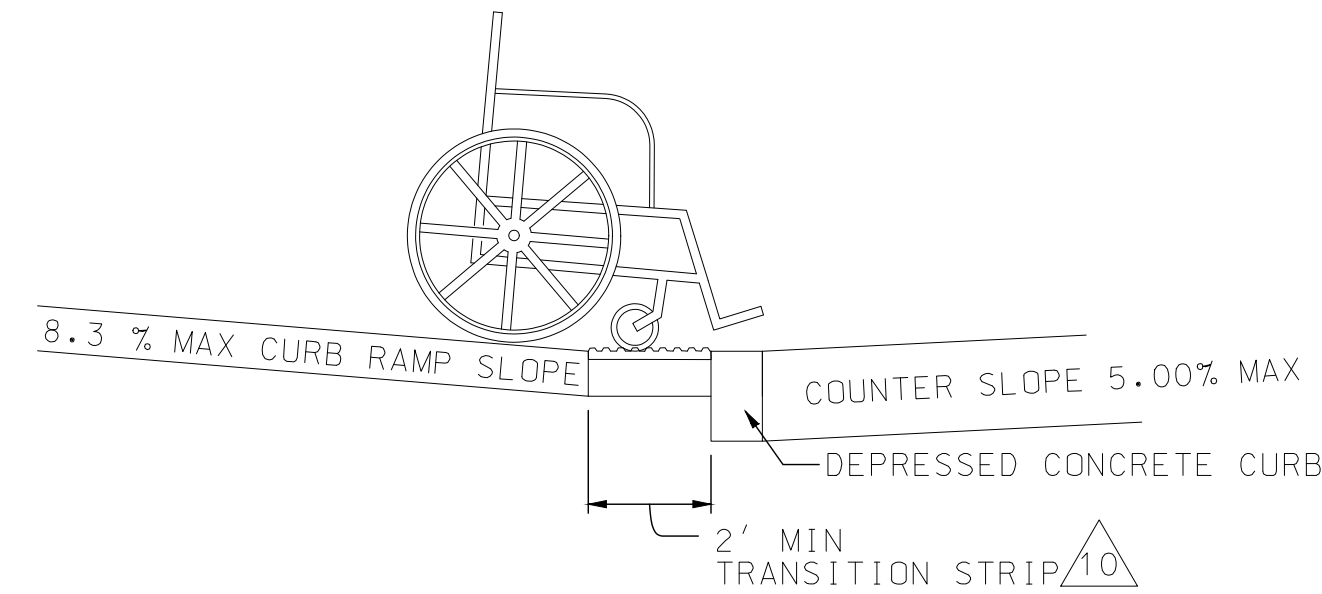
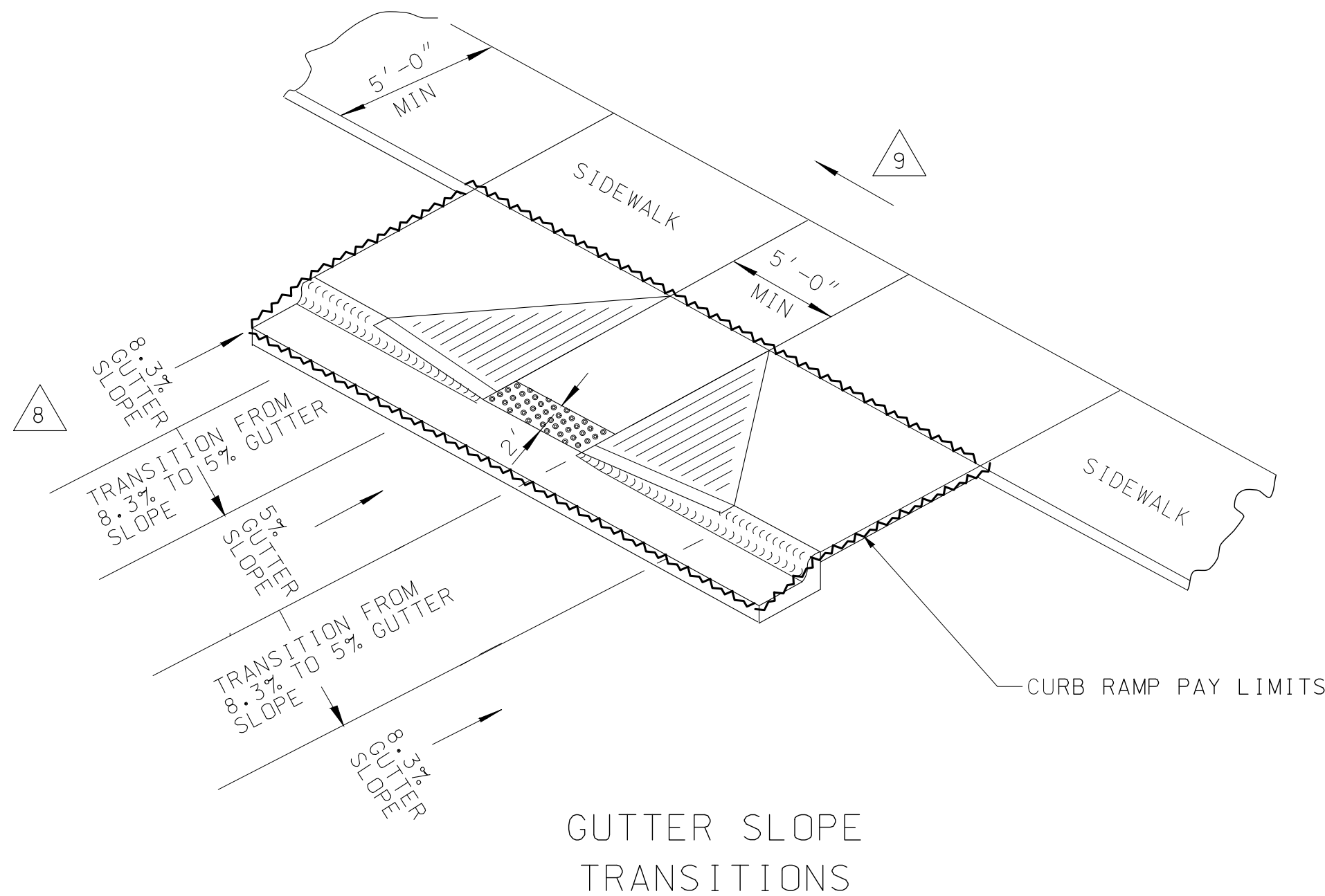
NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL

DETAIL CALL-OUTS:

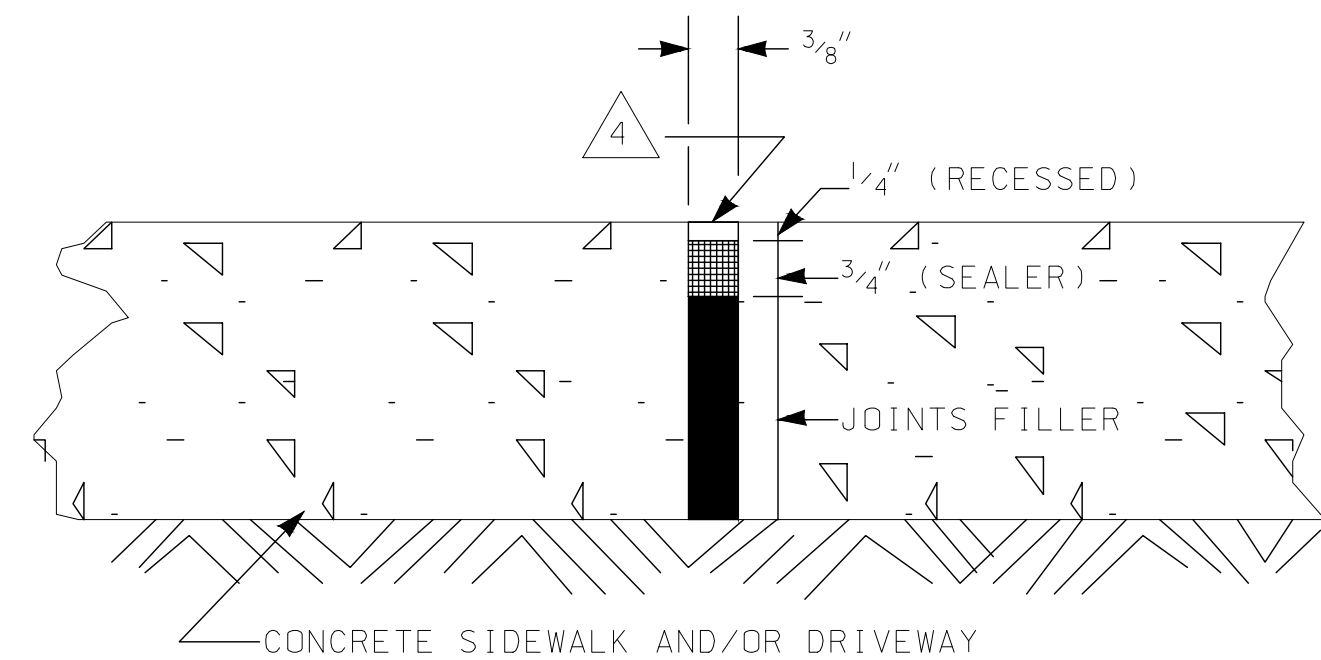
- ① RAMP
15'-0" MAX LENGTH
8.3% (12:1) MAX RUNNING SLOPE
5.0% (20:1) MIN RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- ② FLARES
10.0% (10:1) MAX RUNNING SLOPE
- ③ LANDING OR TURNING SPACE
2.0% (50:1) MAX RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- ④ OMIT
- ⑤ SIDEWALKS
5.0% (20:1) MAX RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- ⑥ DRIVEWAYS
8.0% (12.5:1) MAX CHANGE IN GRADE BETWEEN ROAD SURFACES AND DRIVEWAY
8.0% (12.5:1) MAX CHANGE IN GRADE BETWEEN DRIVEWAY AND SIDEWALK

GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS:

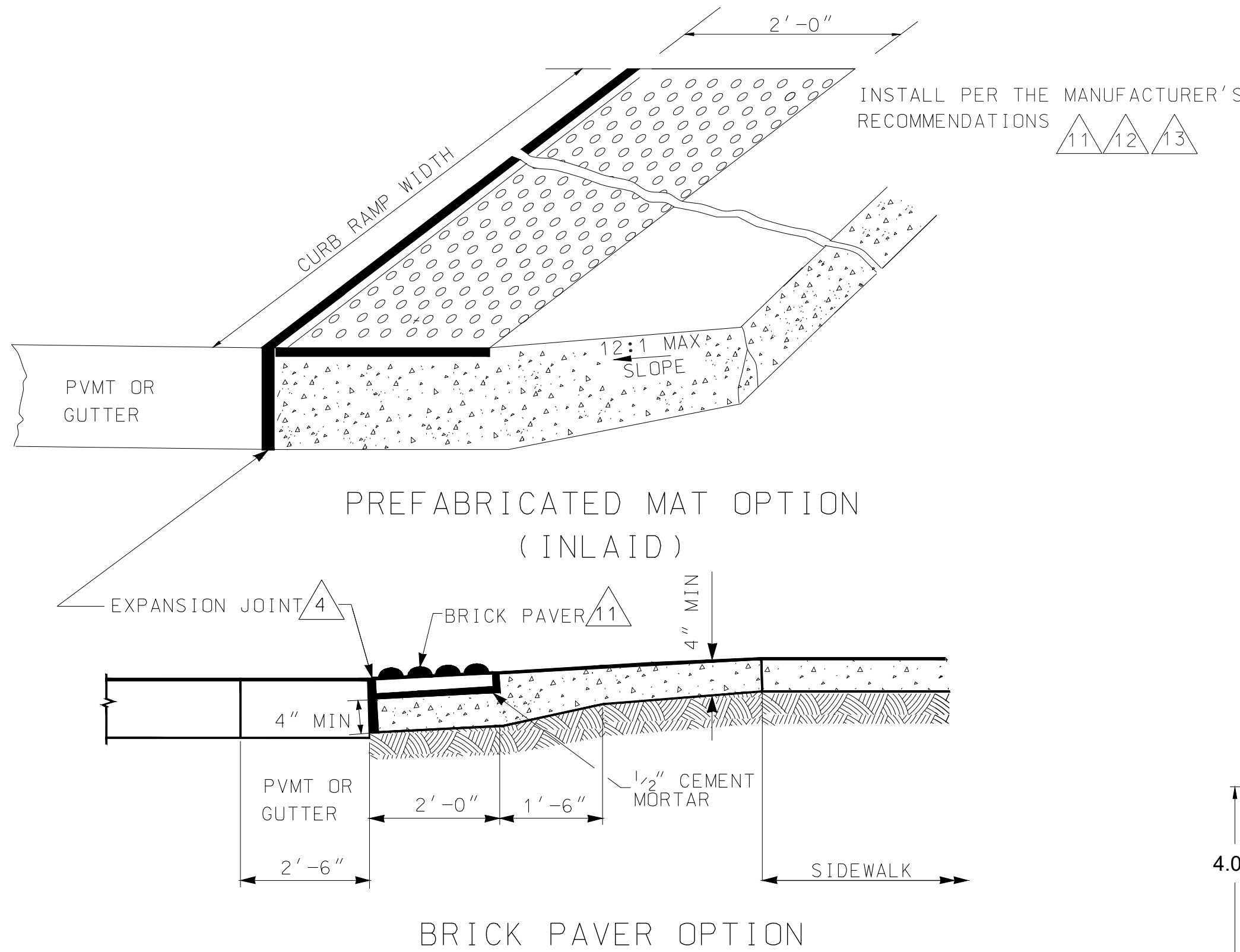
1. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK-OF-SIDEWALK SUCH AS, A BUILDING ADJACENT TO THE SIDEWALK, THE TURNING SPACE SHALL BE 4'-0" MIN BY 5'-0" MIN. THE 5'-0" DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE RAMP RUN.
2. SIDEWALK, RAMP, AND CURB RAMP SURFACES SHALL BE NON-SKID PREPARED BY BRUSHING.
3. 2% (50:1) OR LESS IS CONSIDERED FLAT.
-  INSTALL EXPANSION JOINT MATERIAL WHERE NEW CONSTRUCTION MEETS EXISTING SIDEWALKS, CURBS, GUTTERS, OR FOUNDATIONS. THE CONSTRUCTION JOINT MATERIAL SHALL MEET THE REQUIREMENT OF SECTION 832.01 AND SEALED IN ACCORDANCE WITH SECTION 832.02.
5. THE SUBGRADE SHALL BE FREE OF ALL ROOTS AND OTHER UNDESIRABLE MATERAILS WITH THE ROOTS CUT BACK ONE (1) FOOT FROM FACE OF SIDEWALK.
6. SIDEWALKS, RAMPS, LANDINGS, AND CURB RAMPS SHALL BE FOUR (4) INCHES THICK UNLESS NOTED OTHERWISE.
7. RAMP AND CURB RAMP GRADE(SLOPE IN THE DIRECTION OF PEDESTRIAN TRAVEL) SHALL NOT EXCEED 8.3% (12:1).
-  GUTTER SLOPE SHALL NOT EXCEED 8.3% (12:1). THIS APPLIES WHETHER OR NOT GUTTERS ARE DEPECTED IN THE EXAMPLES.
-  WITHIN THE STREET OR HIGHWAY RIGHT-OF-WAY, THE GRADE OF THE PEDESTRIAN ACCESS ROUTES SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY. WHERE PEDESTRIAN ACCESS ROUTES ARE NOT CONTAINED WITHIN A STREET OR HIGHWAY RIGHT-OF-WAY, THEY SHALL HAVE A MAXIMUM SLOPE OF 20:1 (5.0%).
-  PROVIDE A TWO (2) FEET MINIMUM TRANSITION STRIP IF ALGEBRAIC DIFFERENCES BETWEEN ROADWAY SLOPE AND CURB RAMP SLOPE ARE GREATER THAN 9:1 (11.0%). TRANSITION STRIP SHALL NOT EXCEED 2.0% (50:1).
-  DETECTABLE WARNING SURFACES MUST BE TWO (2) FEET IN LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP. THE DETECTABLE WARNING MATERIAL AND MANUFACTURER SHALL BE FROM THE ALABAMA DEPARTMENT OF TRANSPORTATION LIST OF QUALIFIED MATERIAL, SOURCES, AND DEVICES. THE COLOR SHALL BE BRICK RED OR A COLOR APPROVED BY THE ENGINEER THAT SHALL CONTRAST THE SURROUNDING SURFACES LIGHT-ON-DARK OR DARK-ON-LIGHT.
-  VERTICAL SURFACE DISCONTINUITIES SHALL BE 0.50 INCH MAXIMUM. VERTICAL SURFACE DISCONTINUITIES BETWEEN 0.25 AND 0.5. INCH SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 2:1 (50.0%).
-  DOMES SHALL BE PARALLEL TO THE RAMP SO THAT THE WHEELCHAIR WHEELS CAN TRAVEL BETWEEN THE DOMES. (WHERE POSSIBLE ON CURVED INSTALLATIONS.)
-  THESE MAXIMUM SLOPES SHALL NOT BE EXCEEDED.
-  TO PREVENT STANDING WATER AT THE BASE OF CURB RAMPS, LOCATE STORM DRAIN INLETS UPSTREAM.
16. IF A 4 FOOT SIDEWALK IS REQUIRED, THEN A 5 FOOT X 5 FOOT PASSING ZONE SHALL BE CONSTRUCTED EVERY 200 FEET.
17. IF THE SIDEWALK IS ADJACENT TO THE CURB, THE WIDTH SHOULD BE 6 FOOT; 5 FOOT MINIMUM IF ROW CONSTPAINTS EXIST



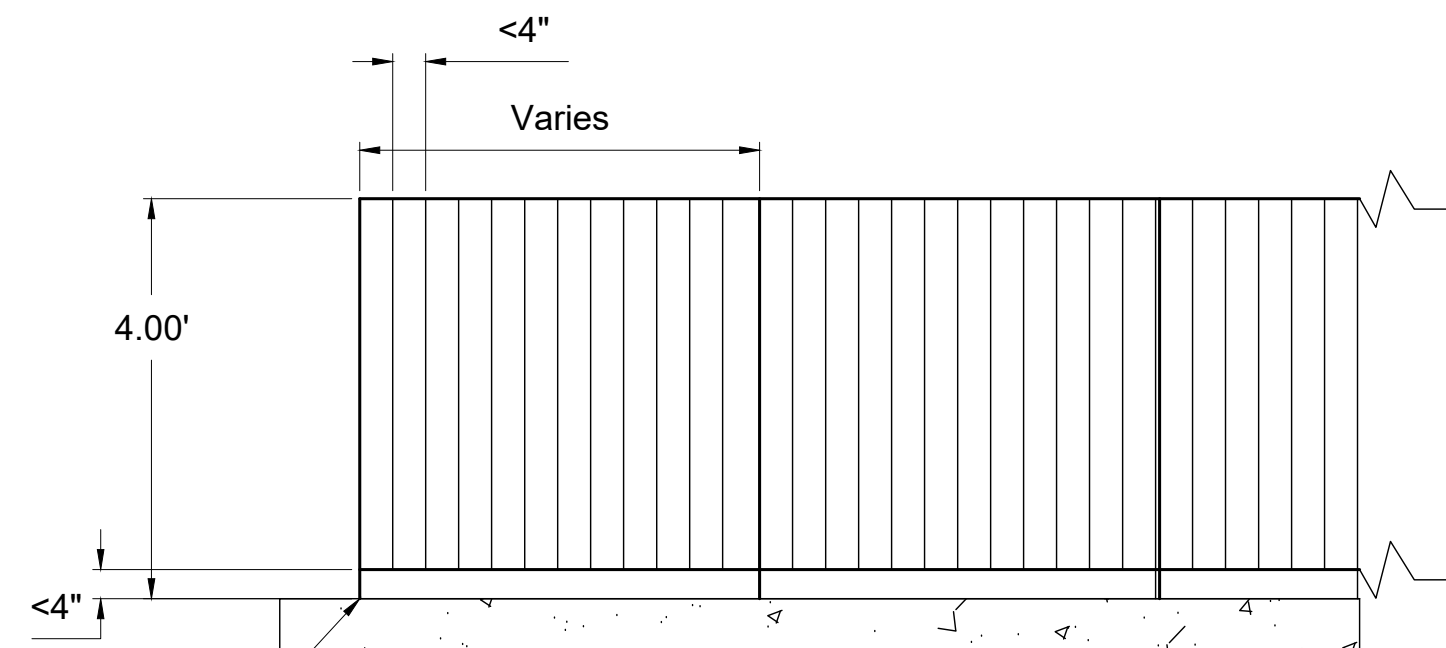
CHANGE OF GRADE
LIMITATIONS



EXPANSION JOINT
DETAILS



BRICK PAVER OPTION



Connection to
concrete to be
based on
manufacturers
specifications

Picket Railing

PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL

Revisions:

HANDICAP DETAIL

Sheet

14 OF 100

W.O. NO. COP-25-003

DATE: JULY 2025

DRAWN: SRS

CHECKED: SRS

NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL

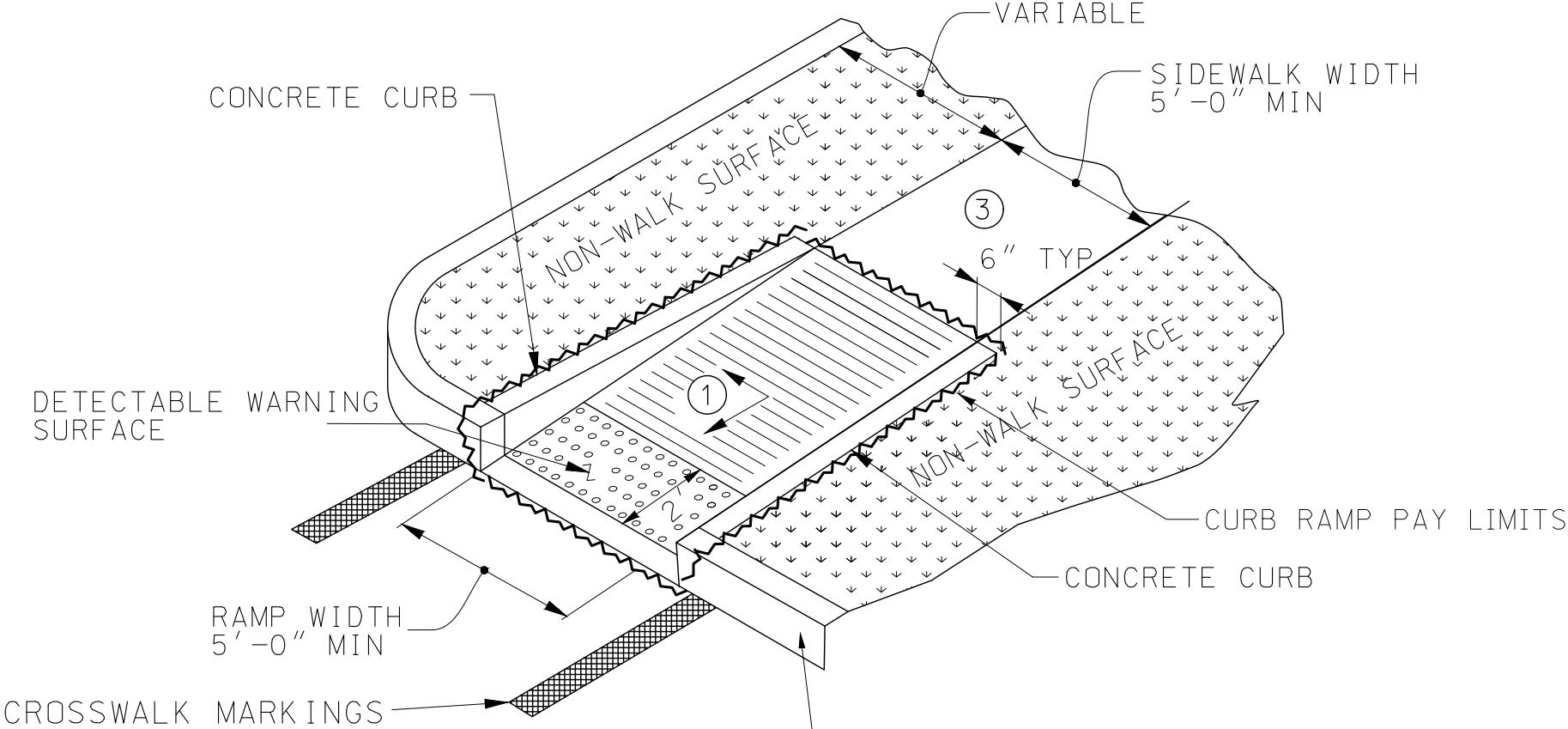
PRICEVILLE EVENT CENTER
RECREATION PROJECT
PRICEVILLE, AL

Revisions:

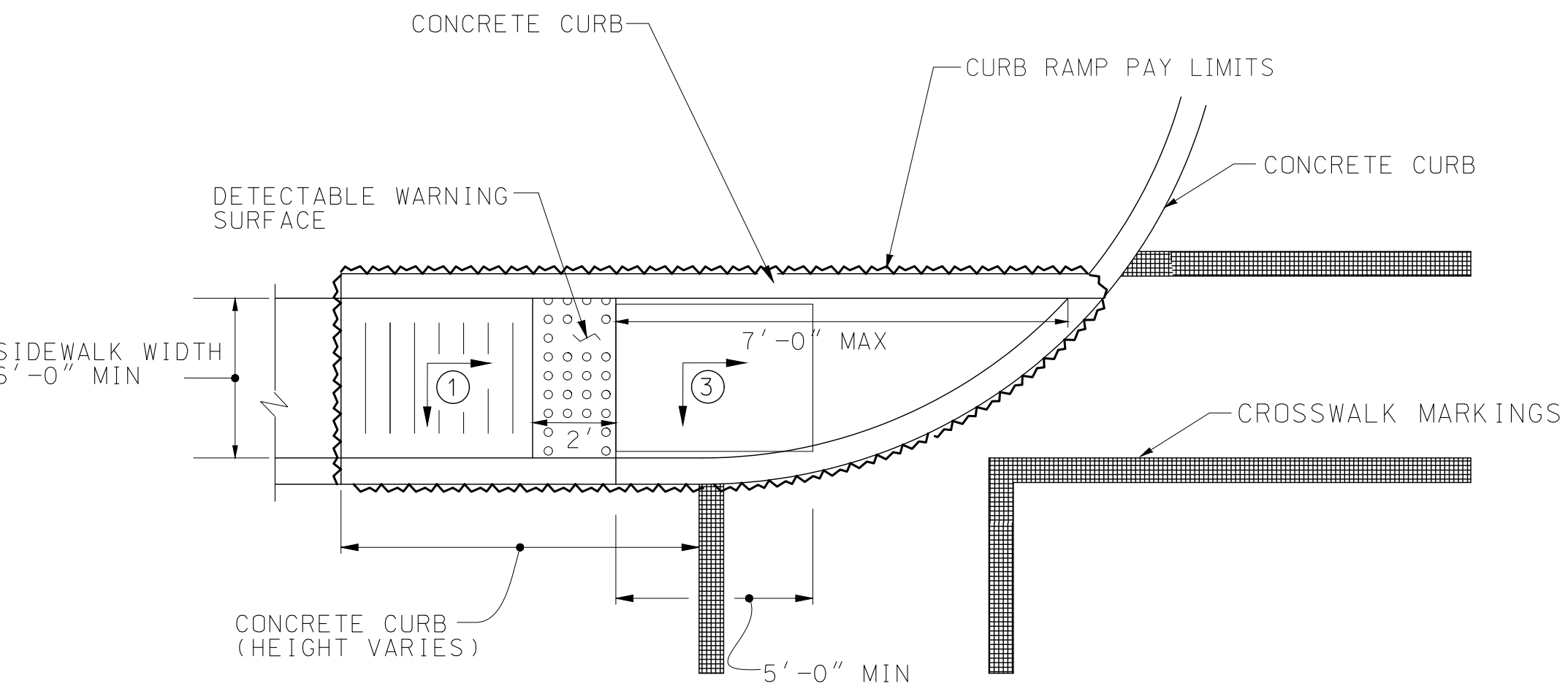
HANDICAP RAMP DETAIL

Sheet
15 OF 100
W.O. NO. COP-25-003
DATE: JULY 2025
DRAWN: SRS
CHECKED: SRS

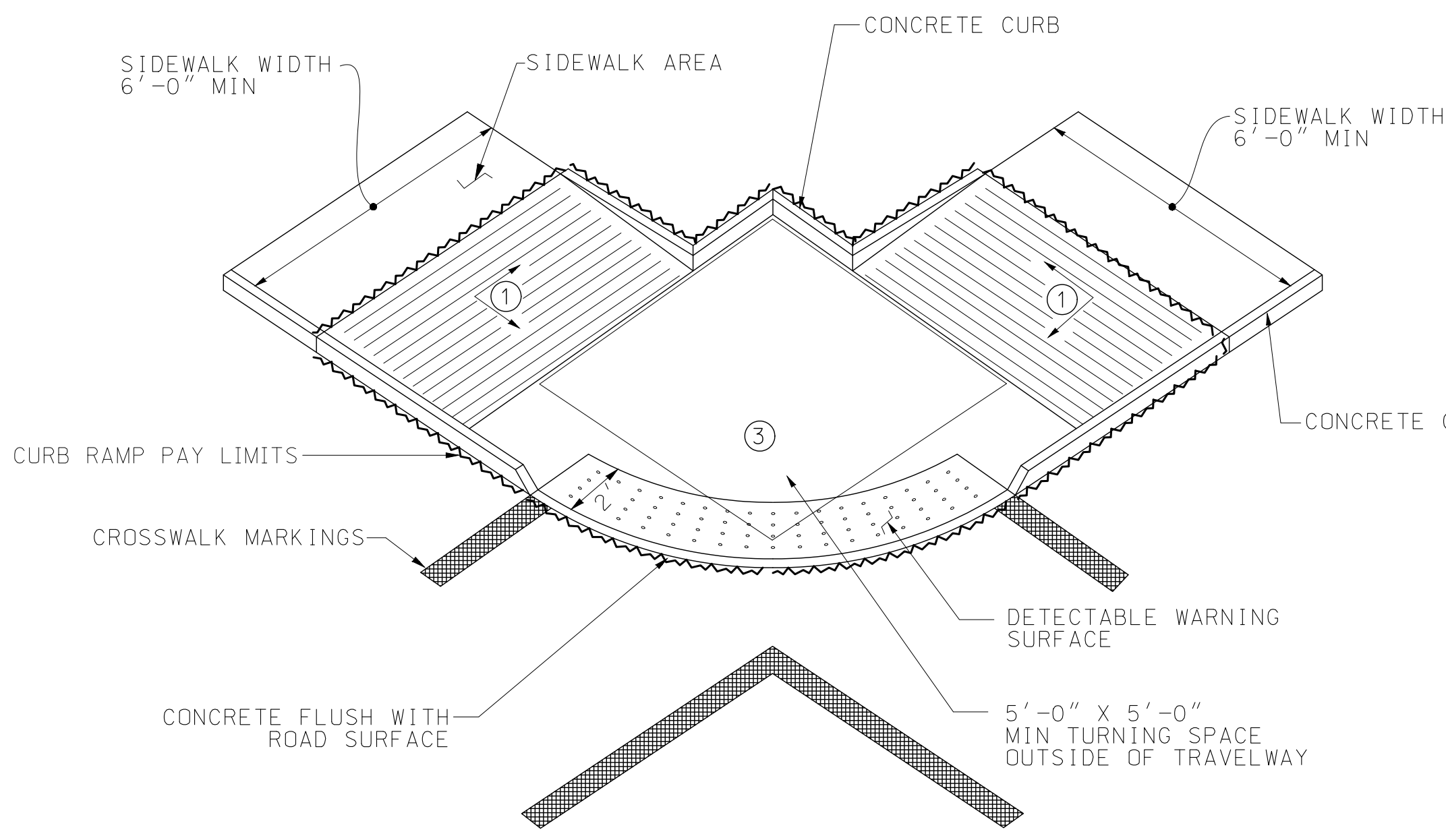
NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL



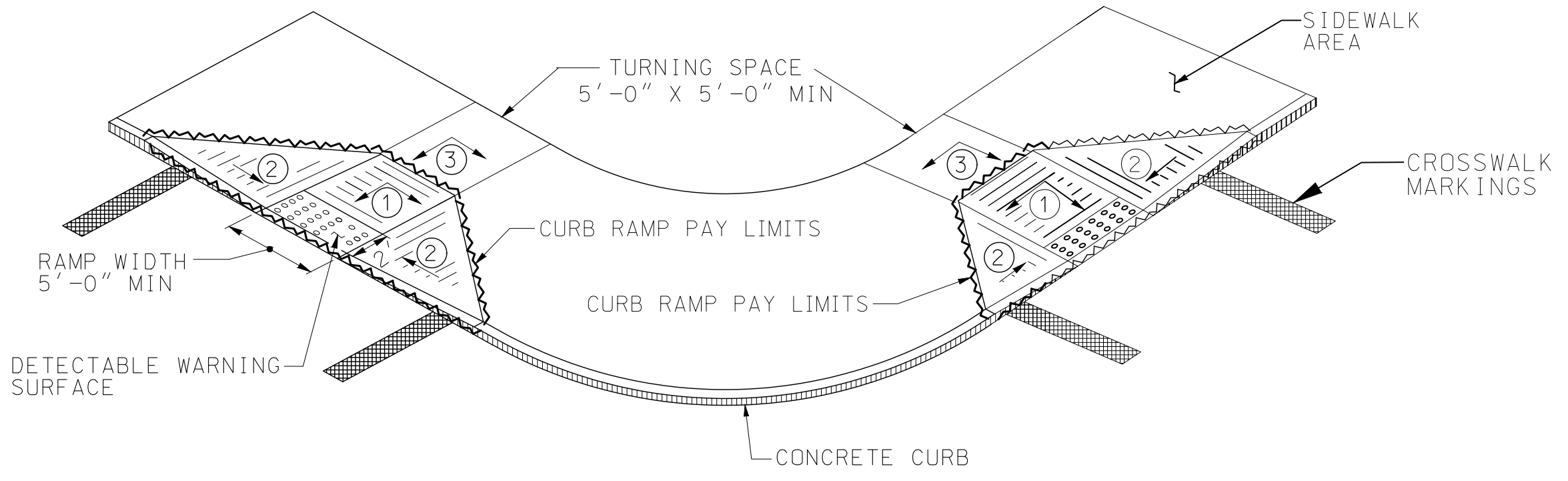
TYPE 1: PARALLEL
CORNER



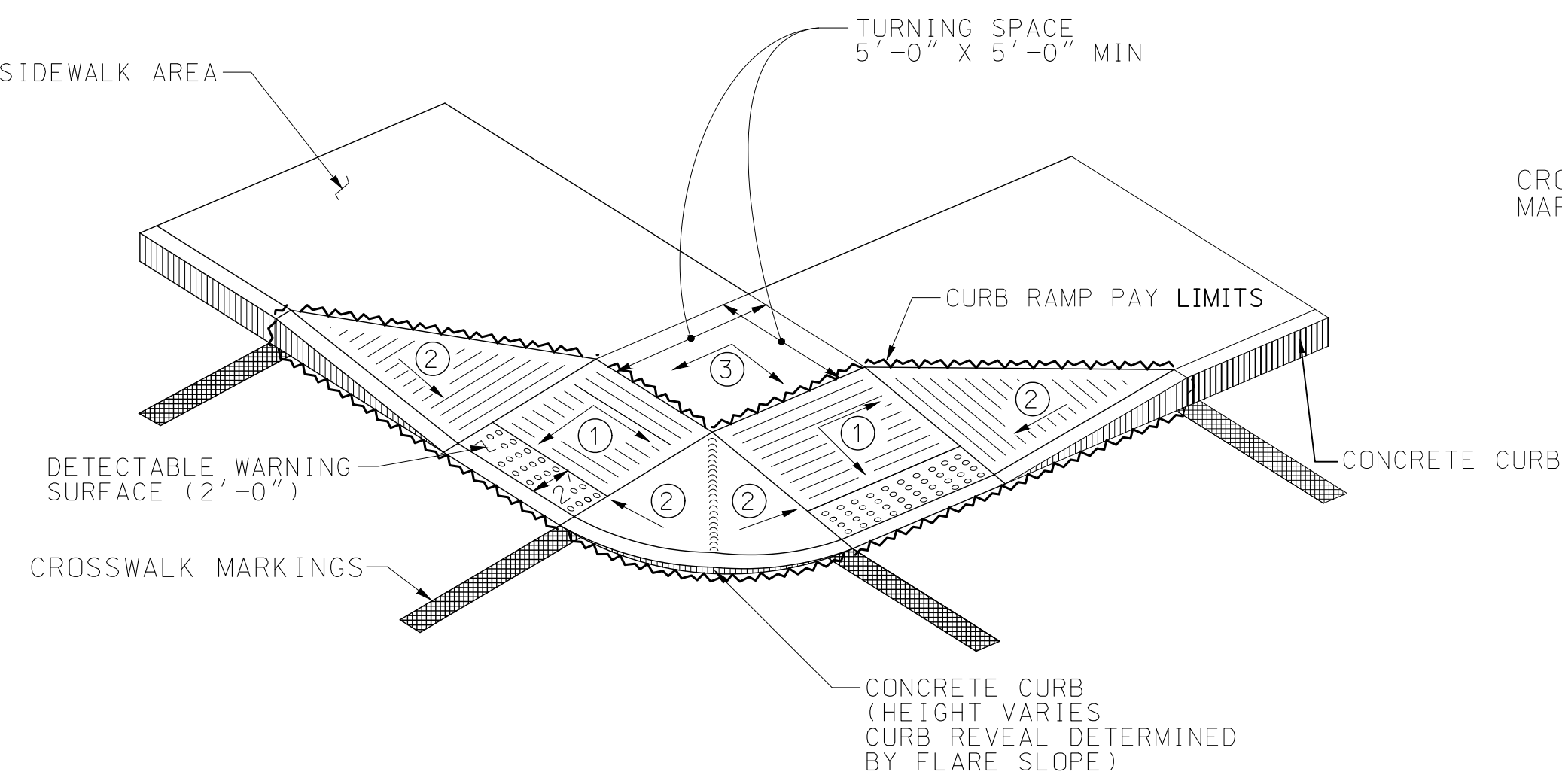
TYPE 1A: PARALLEL
CORNER



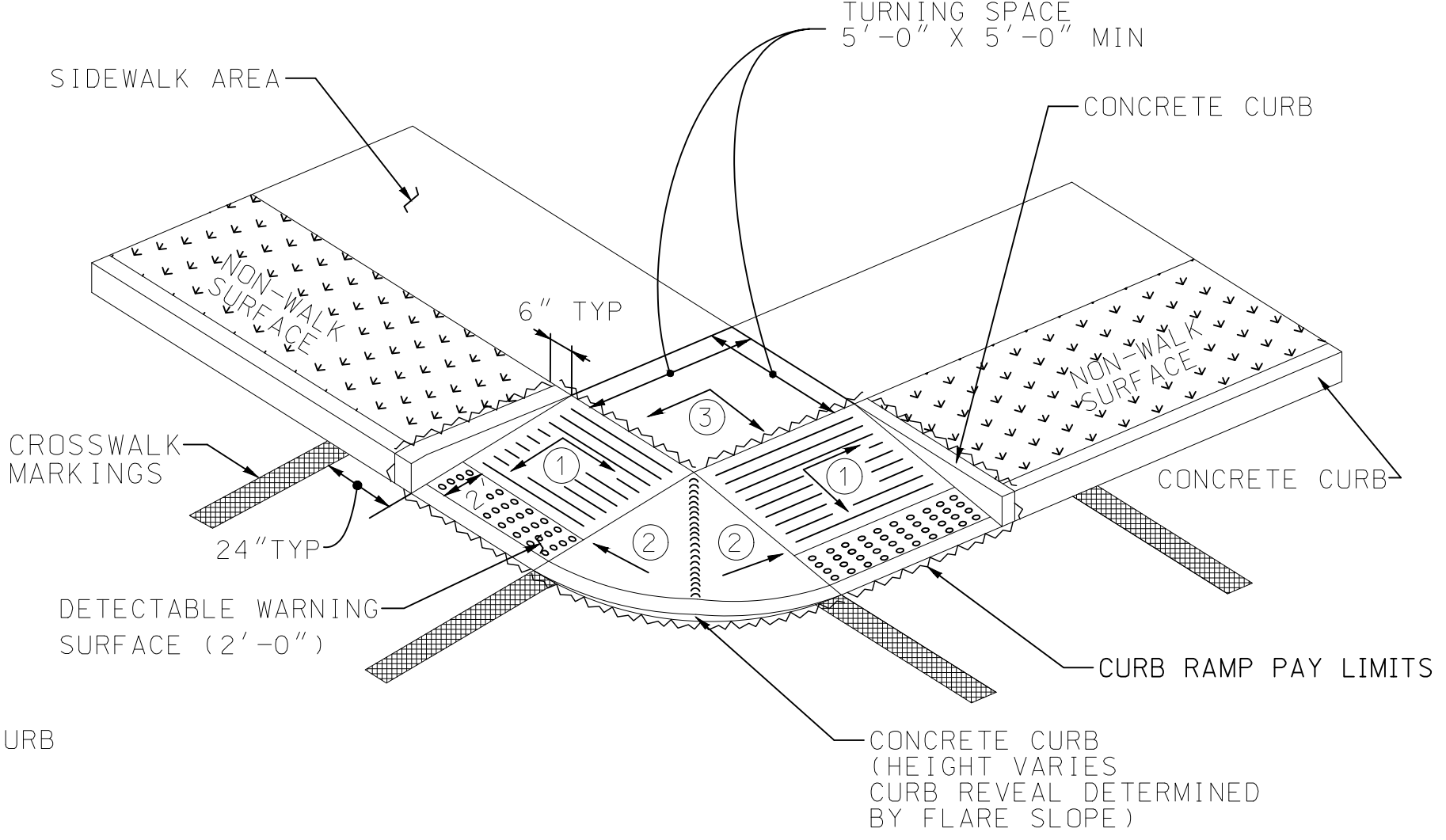
TYPE 2: BLENDED
CORNER



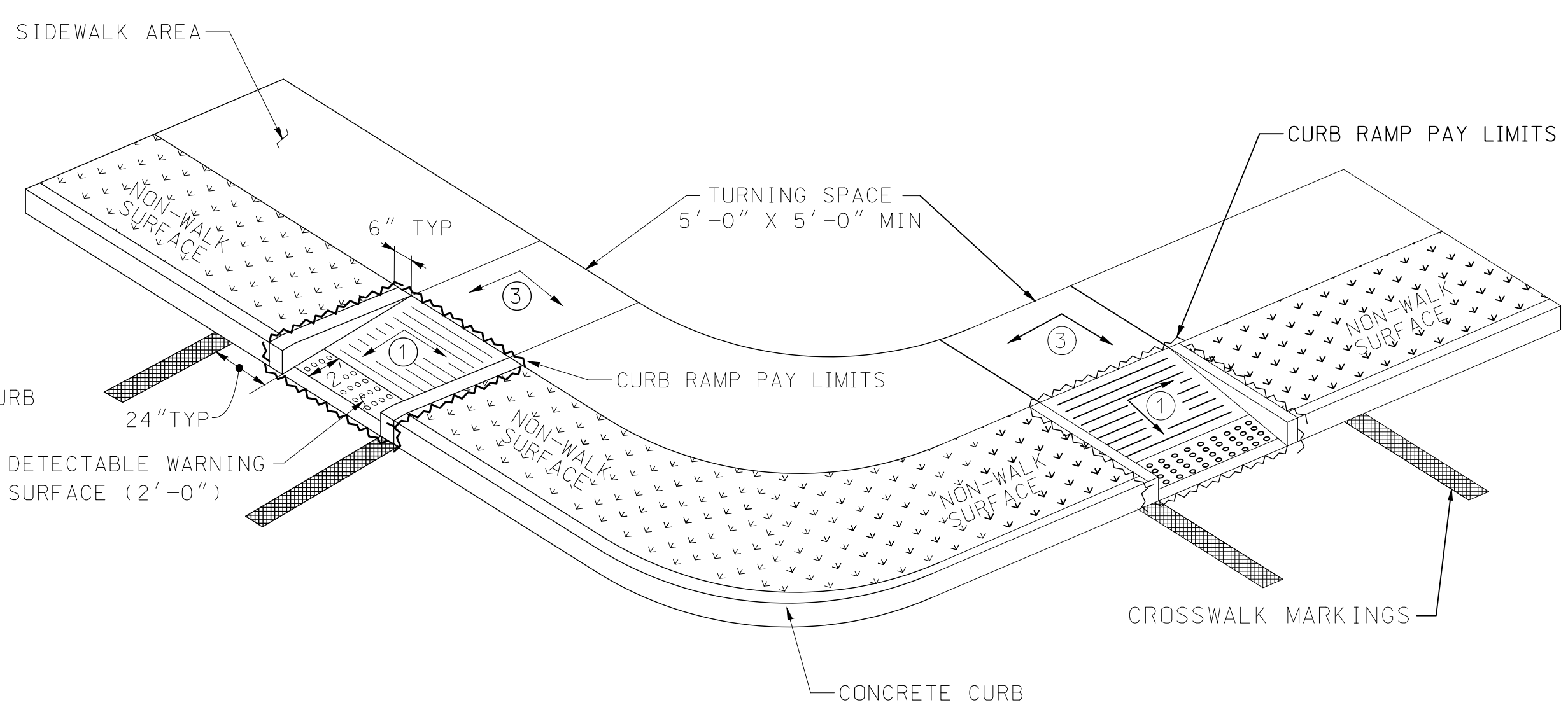
TYPE 3: PERPENDICULAR
CORNER



TYPE 3A: PERPENDICULAR
CORNER

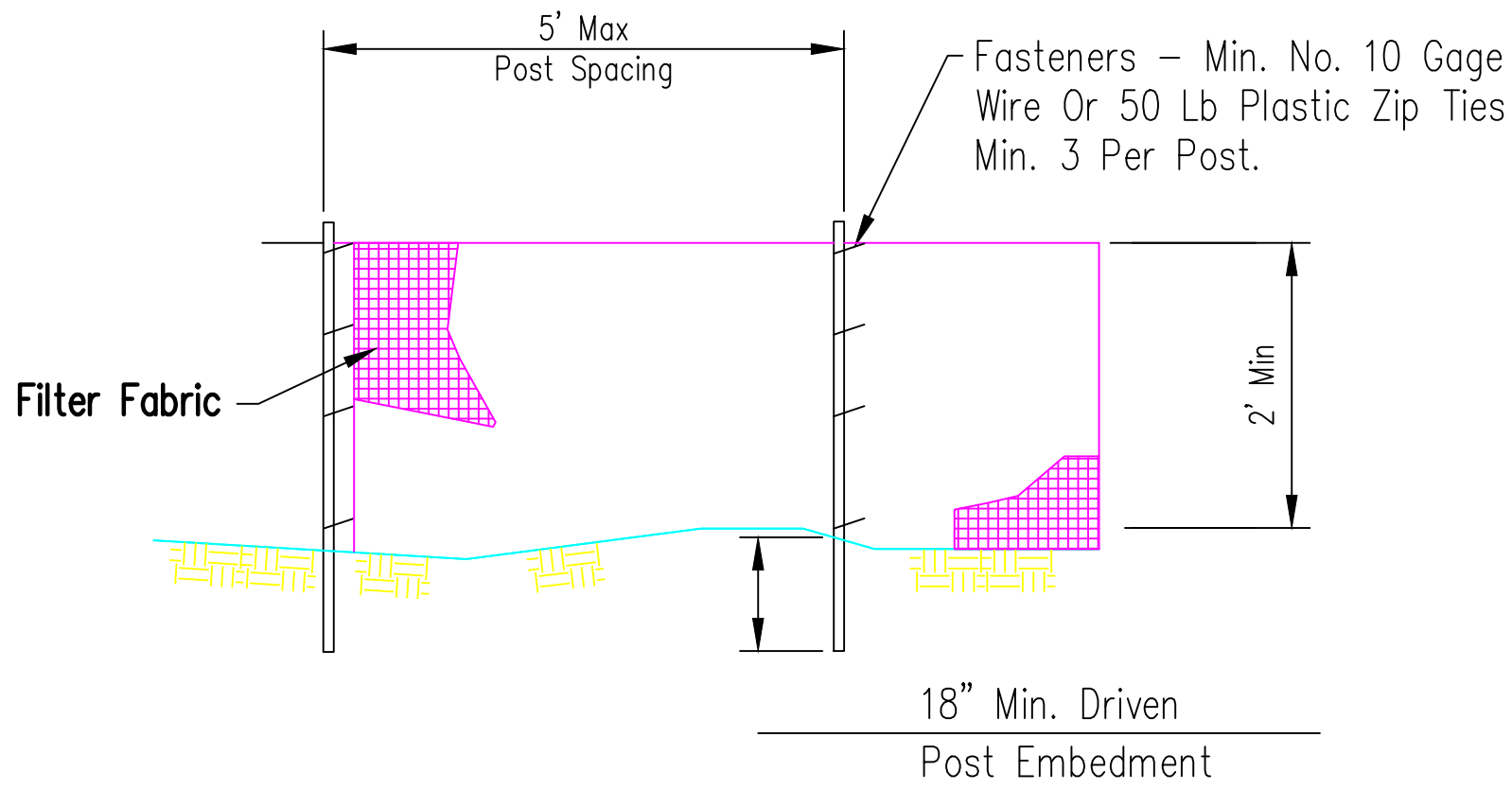


TYPE 3C: PERPENDICULAR
CORNER

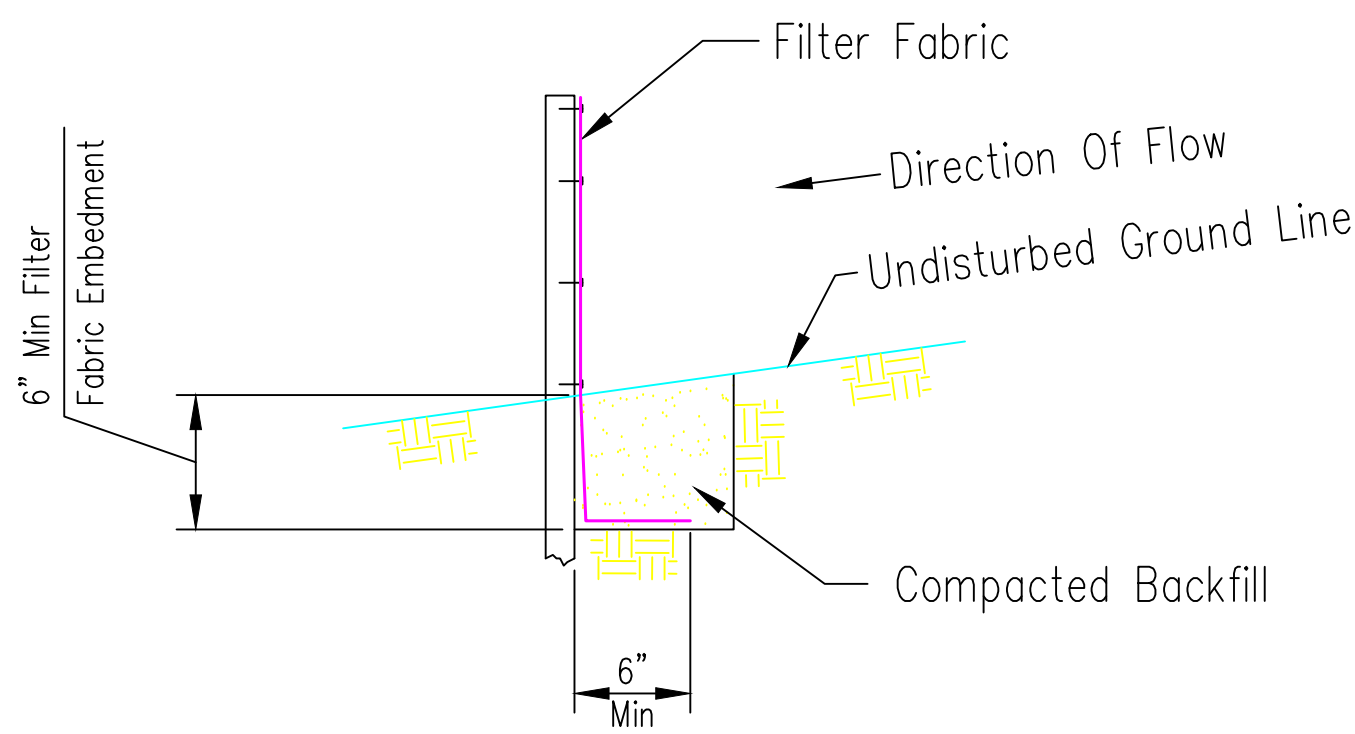


TYPE 3B: PERPENDICULAR
CORNER

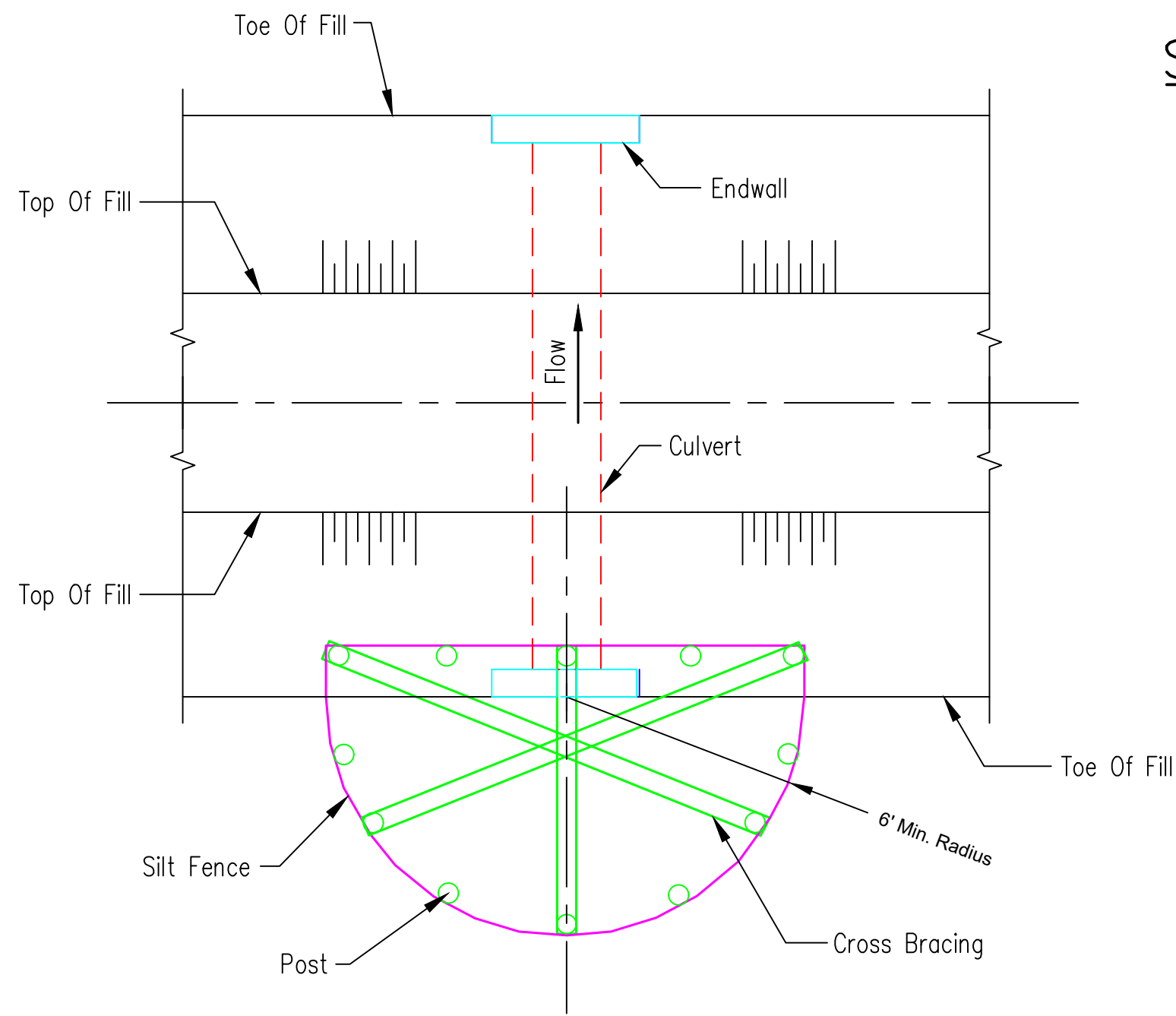
Silt Fence Detail - NTS



ELEVATION



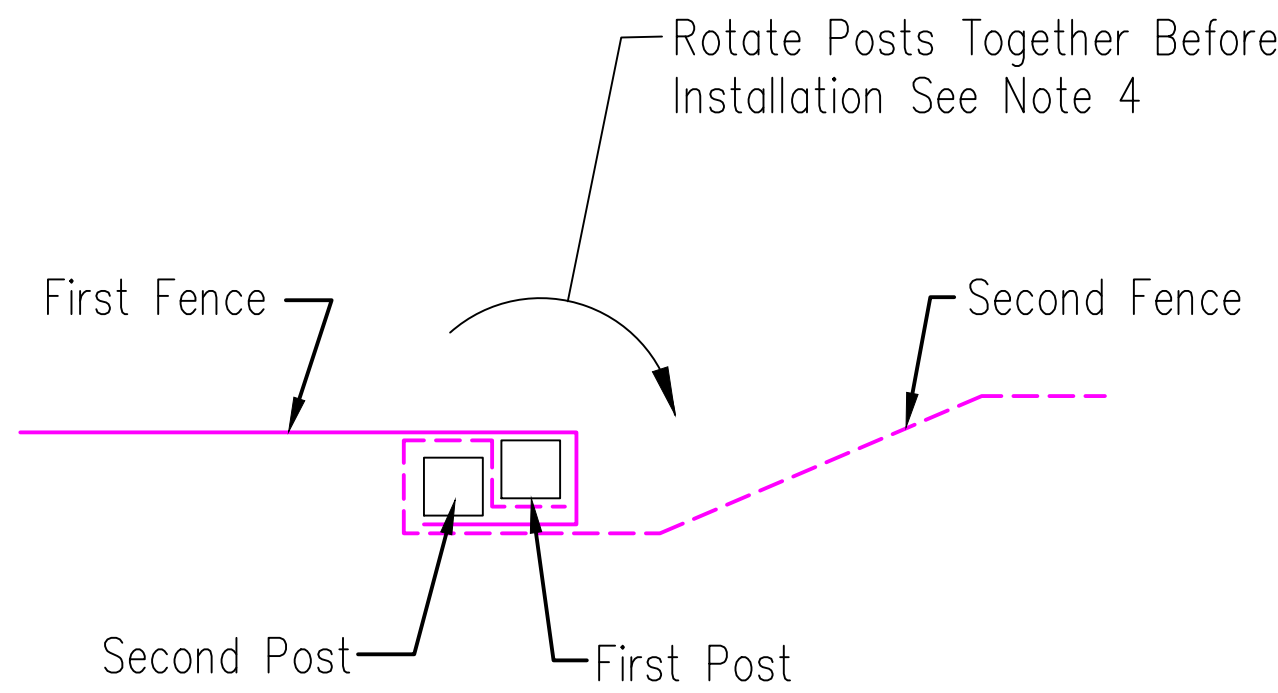
FABRIC ANCHOR DETAIL



PLAN VIEW –
CULVERT SILT FENCE
PROTECTION

NOTES:

1. Temporary silt fence shall be installed prior to any grading work in the area to be protected. Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either wood post with a minimum cross-sectional area of 1.5" X 1.5" or a standard steel post.
4. When splices are necessary make splice at post according to splice detail. Place the end post of the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6 inch flap. Then drive both posts and bury the flap. Compact backfill well.

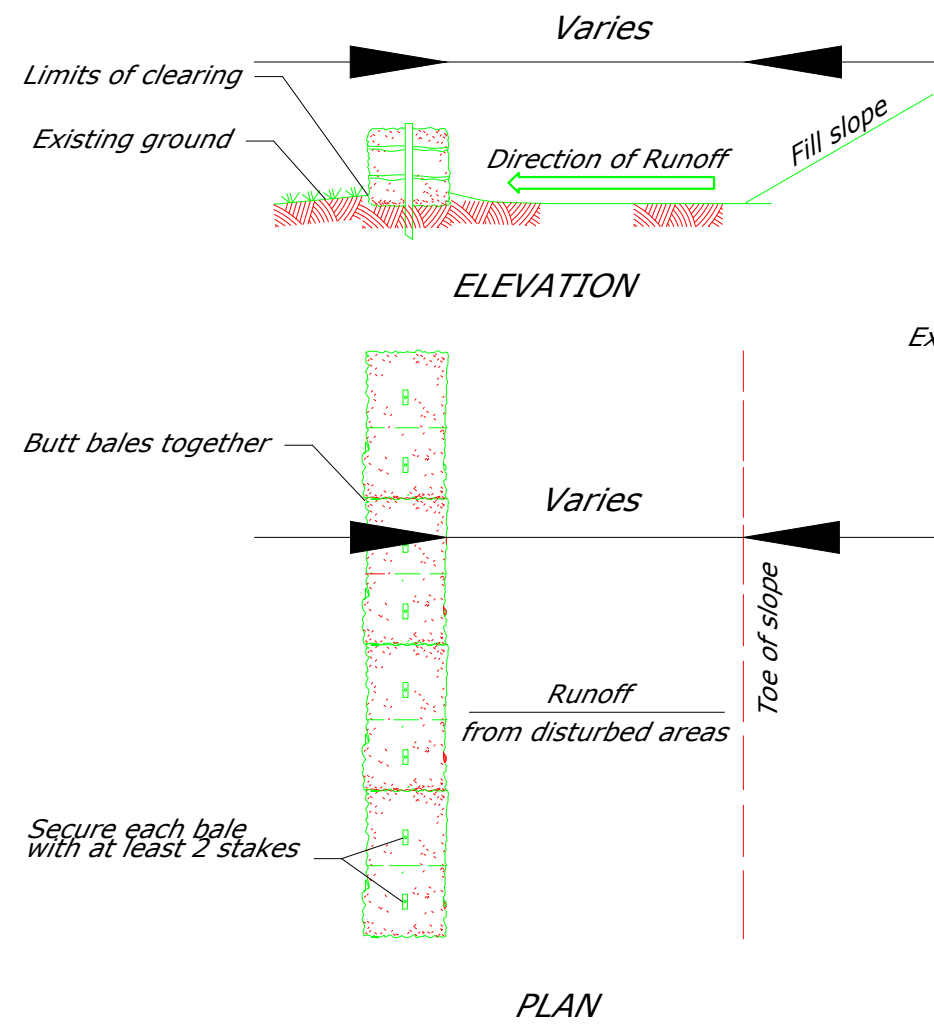


SPLICE DETAIL–PLAN VIEW

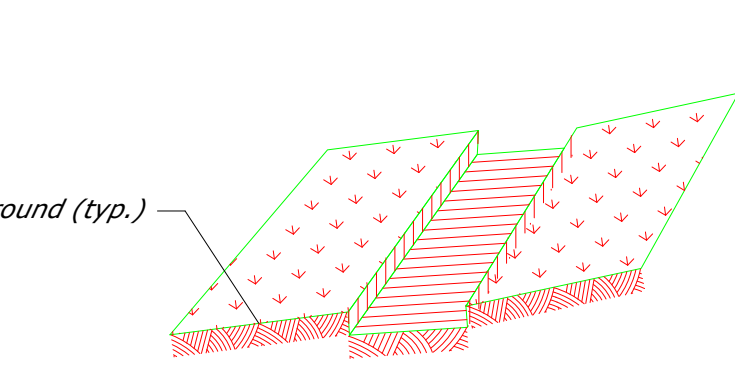
EROSION/SEDIMENTATION CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION/SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH ADEM/EPA "BEST MANAGEMENT PRACTICES" MEASURES SHOWN ON THE PLANS SHOULD BE CONSIDERED MINIMUMS. MAINTENANCE OF SAID MEASURES TO CONTINUE UNTIL AN ACCEPTABLE STAND OF GRASS IS OBTAINED OR THE OWNER RELEASES THE CONTRACTOR OF SAID RESPONSIBILITY.
2. SILT FENCE SHALL BE PLACED IN ACCORDANCE WITH ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT BEST PRACTICES.
3. SILT FENCE IS REQUIRED WHERE NECESSARY TO PREVENT EROSION AND WASHING OF TOPSOIL INTO EXISTING WATERWAYS, ADJOINING PROPERTIES AND DRAINAGE DITCHES UNTIL TIME AS GRASS HAS BEEN FINALLY ESTABLISHED.
4. EROSION CONTROL MEASURES ARE REQUIRED AROUND INSTALLED STORM DRAINAGE INLETS AND BOXES AS SHOWN HEREON, UNTIL SUCH TIME AS GRASS HAS BEEN FIRMLY ESTABLISHED TO PREVENT TOPSOIL EROSION FROM WASHING INTO SAID INLETS.
5. 20" MATTLIES SHALL BE USED AS TEMPORARY CHECK DAMS IN NEW AND EXISTING DRAINAGE DITCHES UNTIL SUCH TIME AS GRASS HAS BEEN FIRMLY ESTABLISHED TO PREVENT DITCHES FROM WASHING OUT.
6. AN ENTRANCE CONSTRUCTION PAD SHALL BE BUILT AT ALL EXITS FROM THIS CONSTRUCTION AREA TO EXISTING TRAVELED ROADWAYS IN ACCORDANCE WITH THE DETAILS SHOWN ON THESE PLANS.
7. THE CONTRACTOR IS REQUIRED TO SEED GRASS OR OTHERWISE STABILIZE ALL DISTURBED AREAS AS SHOWN AS SOON AS CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
8. THE CONTRACTOR IS REQUIRED TO INSURE THAT ALL RUNOFF FROM THE CONSTRUCTION SITE HAS BEEN ADEQUATELY TREATED BY THE USE OF EROSION CONTROL METHODS AS SHOWN HEREON, AND AS REQUIRED BY THE ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.

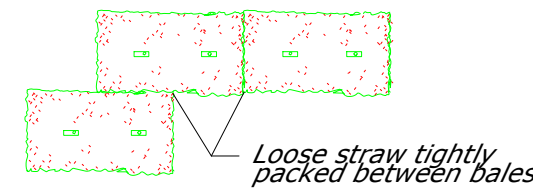
Hay Bales Detail - NTS



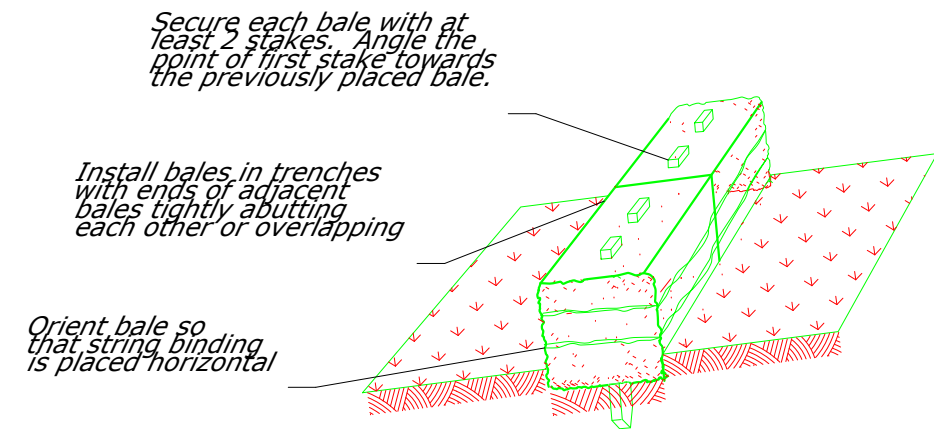
INSTALLATION OF A STRAW
BALE BARRIER AT TOE OF FILL



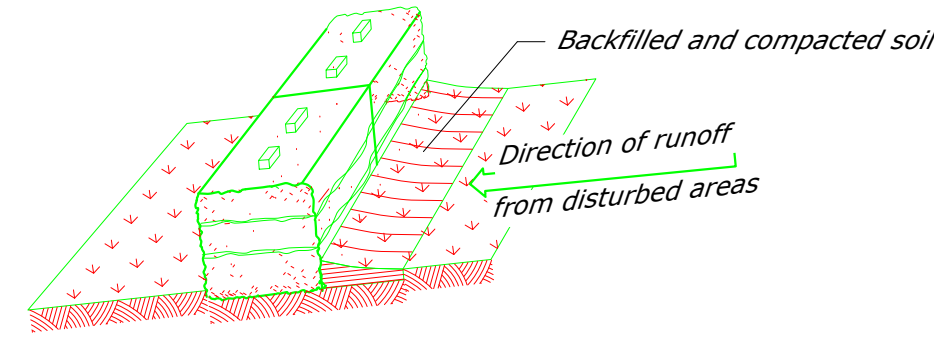
Step 1: Excavate trench



Step 3: Tightly pack straw between bales
(plan view of bales)

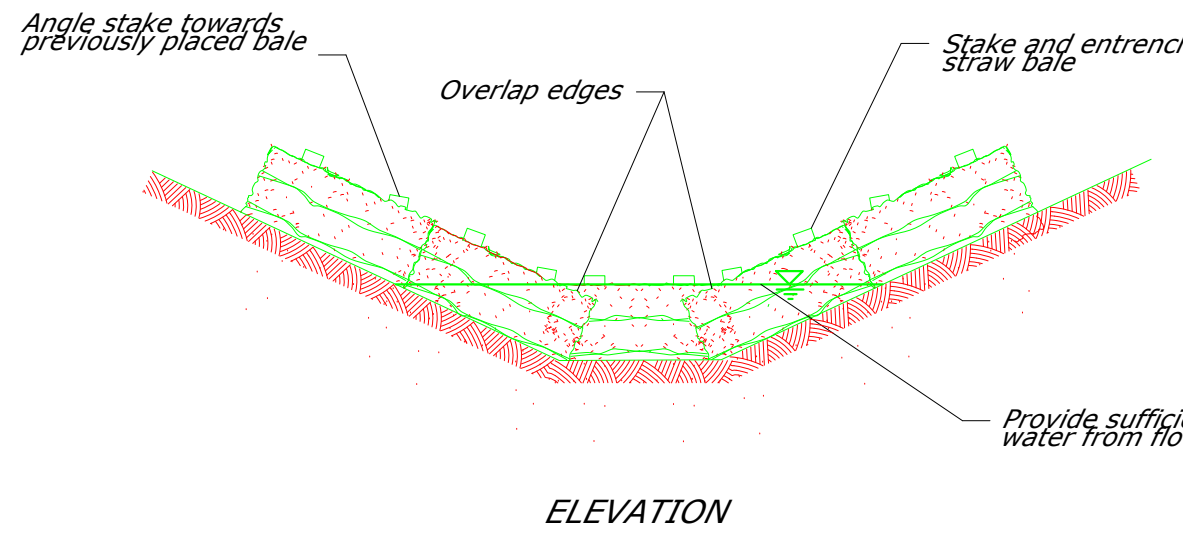


Step 2: Install bales

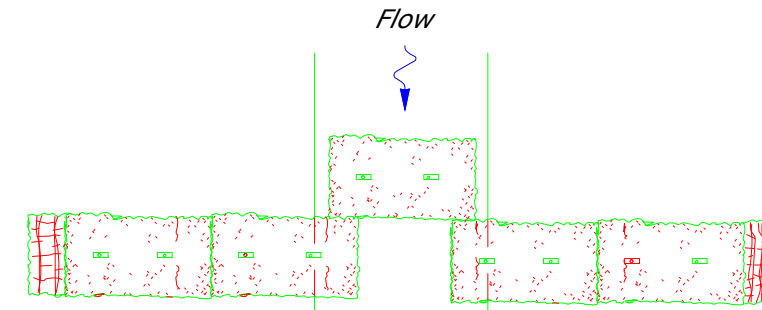


Step 4: Backfill soil against bales

PROPERLY STAKED AND ENTRENCHED STRAW BALES



ELEVATION

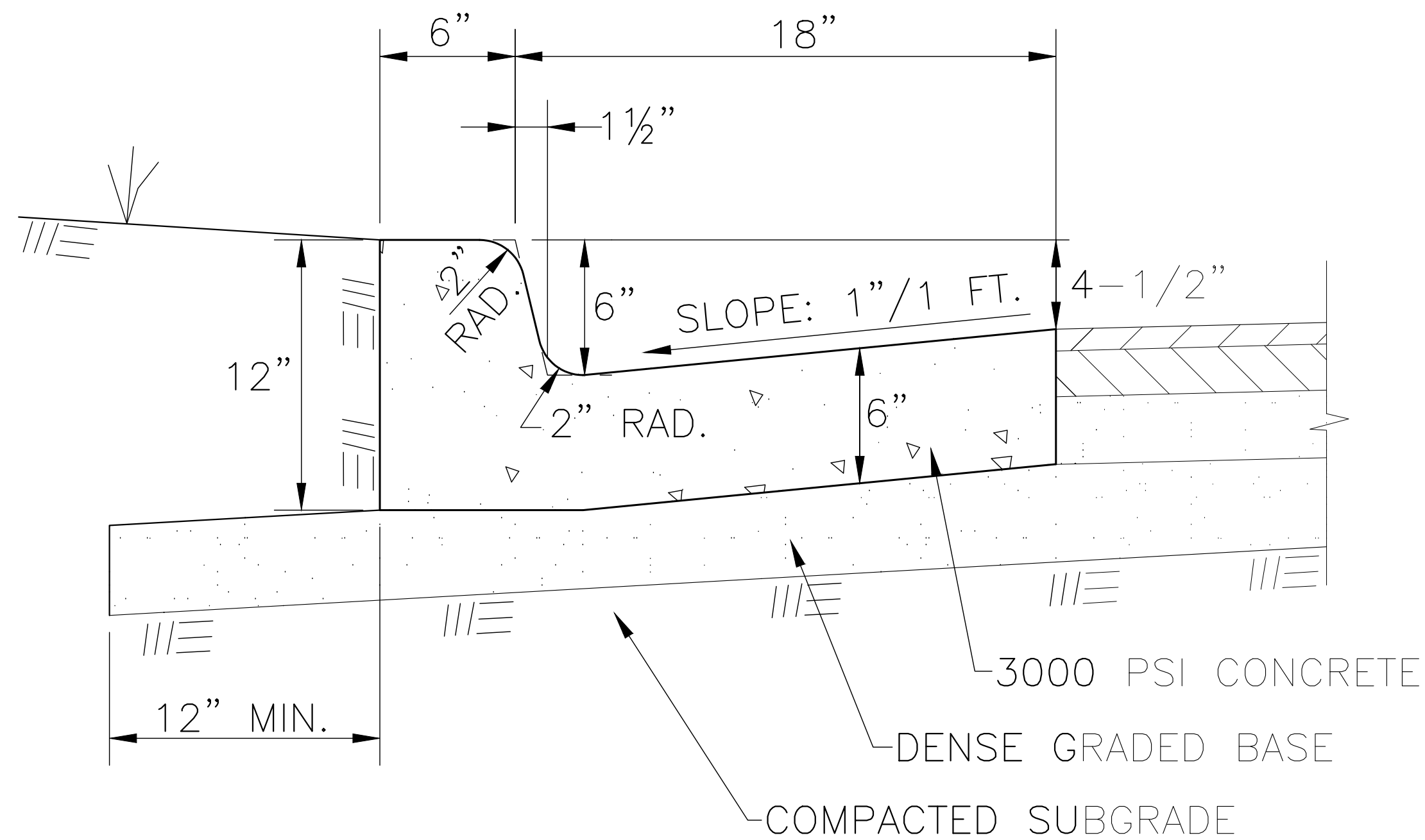


PLAN

INSTALLATION OF A STRAW BALE BARRIER IN DITCH
See Note 1

EROSION & SEDIMENTATION CONTROL LEGEND

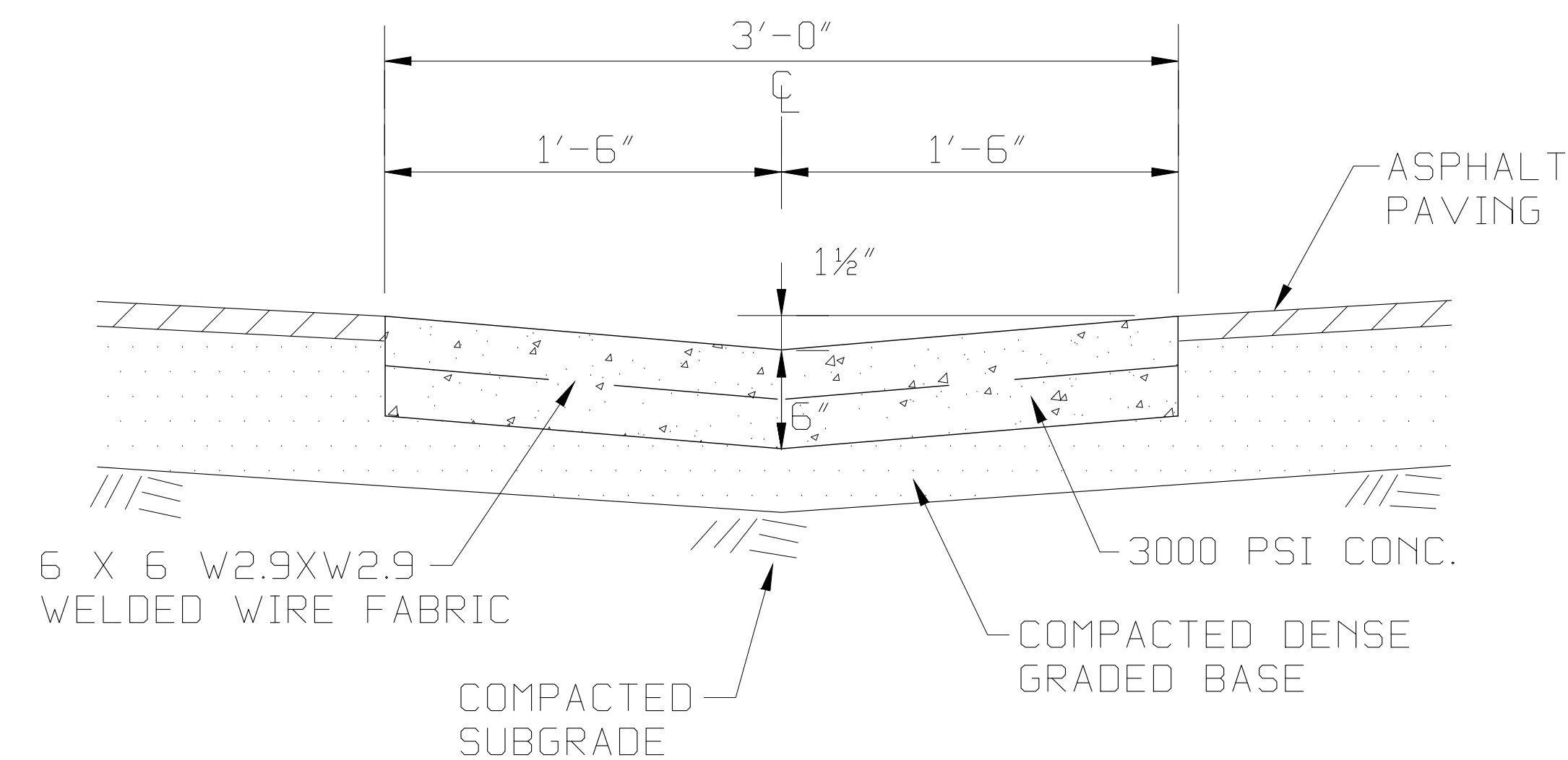
SITE PREPARATION			RUNOFF CONVEYANCE			STORMWATER MANAGEMENT		
CEP	Construction Exit Pad		CD	Check Dam		PP	Porous Pavement	
LG	Land Grading		DV	Diversification Channel		SDB	Storm Water Detention Basin	
TSG	Top soiling		DRS	Drop Structure		TRE	Temporary Inlet Riser Extension	
SURFACE STABILIZATION			GS	Grass Swale				
CHS	Chemical Stabilization		LS	Lined Swale				
DSF	Dune Sand Fence		OP	Outlet Protection				
DVP	Dune Vegetation Planting		RS	Riprap-lined Swale				
DW	Dune Walkover		SD	Subsurface Drain				
DC	Dust Control		TDS	Temporary Slope Drains				
HS	Hydro-Seeding							
GK	Grounds keeping							
MU	Mulching							
PS	Permanent Seeding							
PV	Preservation of Vegetation							
RW	Retaining Wall							
SVG	Shrub, Vine and Ground cover Plantings							
SOD	Sodding							
TS	Temporary Seeding							
TP	Tree Planting on Disturbed Areas							
CFM	Cotton Fiber Matrix Hydroseeding							
			SEDIMENT CONTROL			STREAM PROTECTION		
			BIP	Block and Gravel Inlet		SST	Straw Bale Sediment Trap	
			BBF	Brush/Fabric Barrier		TST	Temporary Sediment Trap	
			EIP	Excavated Drop Inlet Protection		SL	Sediment Log (20") / Wattle	
			FIP	Fabric Drop Inlet Protection		HIF	HDPE Inlet Filter	
			FS	Filter Sack		PFL	Anionic Polyacrylamide Storm Water Flocculant Powder	
			DS	Dandy Sack				
			FB	Floating Turbidity Barrier				
			RD	Rock Filter Dam				
			SB	Sediment Barrier				
			SBN	Sediment Basin				



3/4" EXPANSION JOINTS REQUIRED AT MAX. INTERVALS OF 80' AND WHERE CURB & GUTTER TERMINATES AT RIGID OBJECTS. CONTRACTION JOINTS SHALL BE SAWED 1/8" WIDE BY 2" DEEP AT INTERVALS OF 10'.

24" CURB & GUTTER DETAIL

N.T.S.

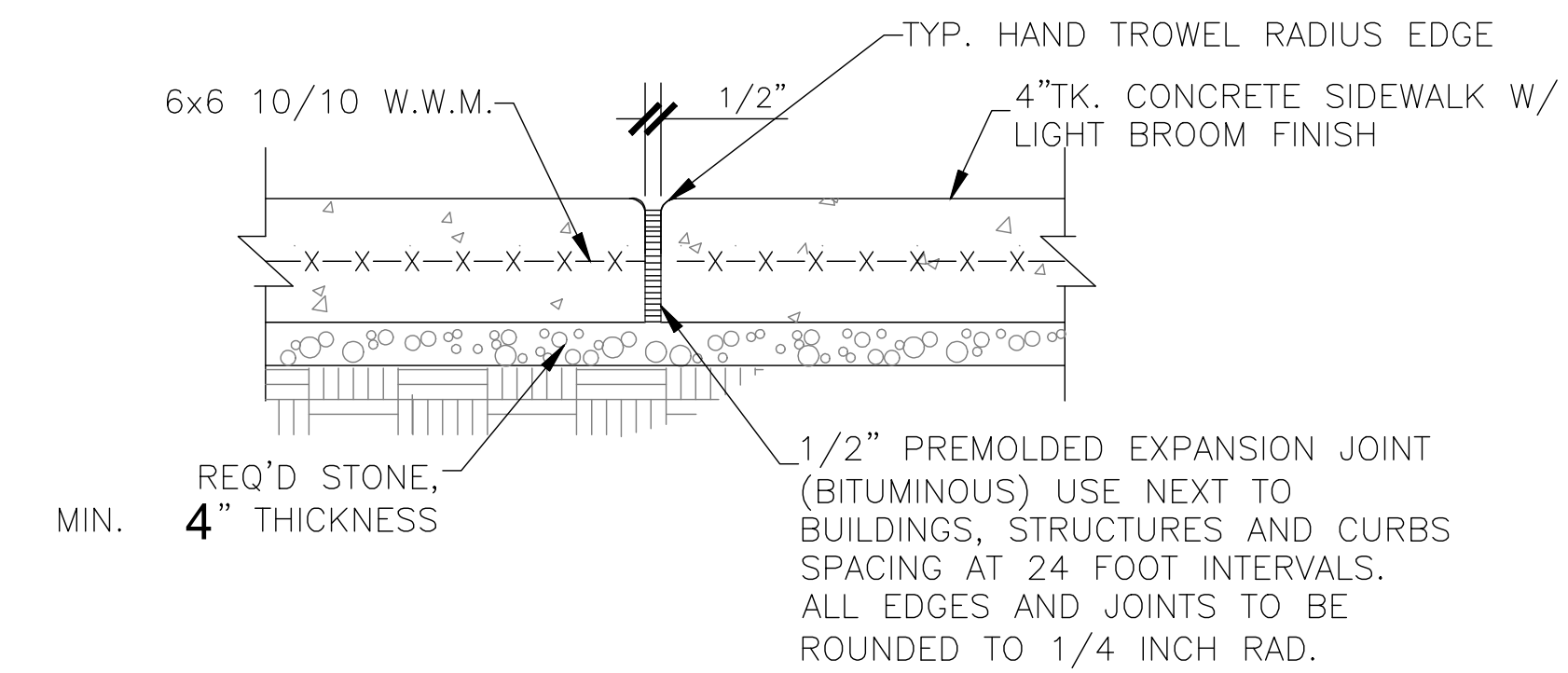


NOTES:

1. CONCRETE TO BE BROOM FINISHED.
2. SEE PROJECT GENERAL NOTES FOR SUBGRADE AND BASE DENSITY REQUIREMENTS.

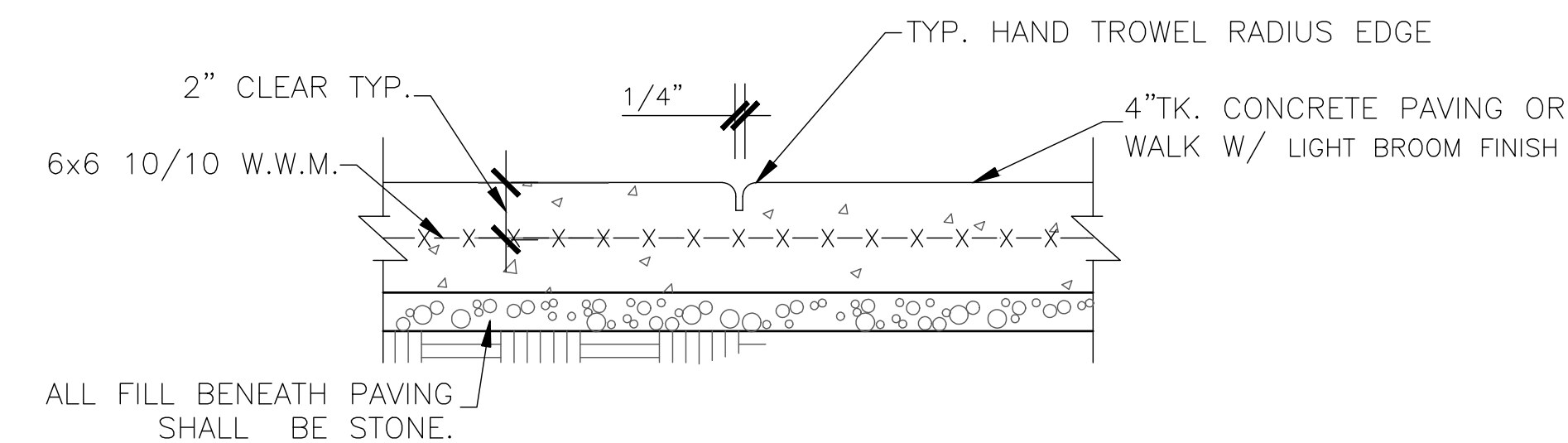
TYPICAL SECTION - VALLEY GUTTER

N.T.S.



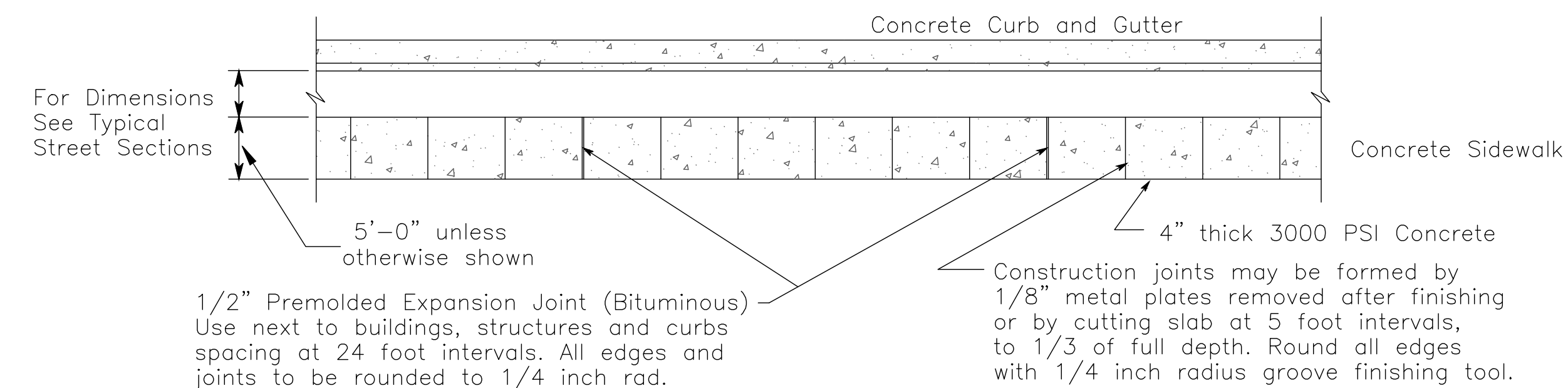
TYP. EXPANSION JOINT DETAIL

NOT TO SCALE



TYP. CONTROL JOINT DETAIL

NOT TO SCALE



STANDARD CONCRETE SIDEWALK

NOT TO SCALE

Revisions:

Sheet

17 OF 100

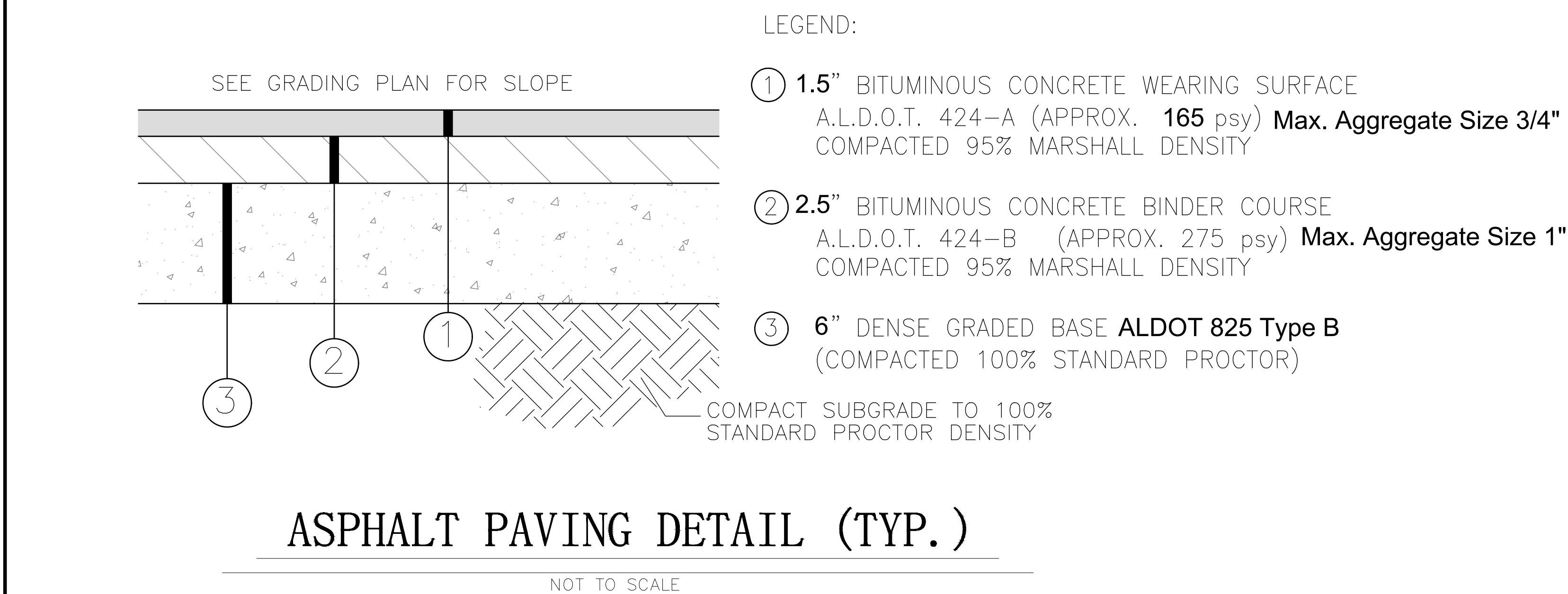
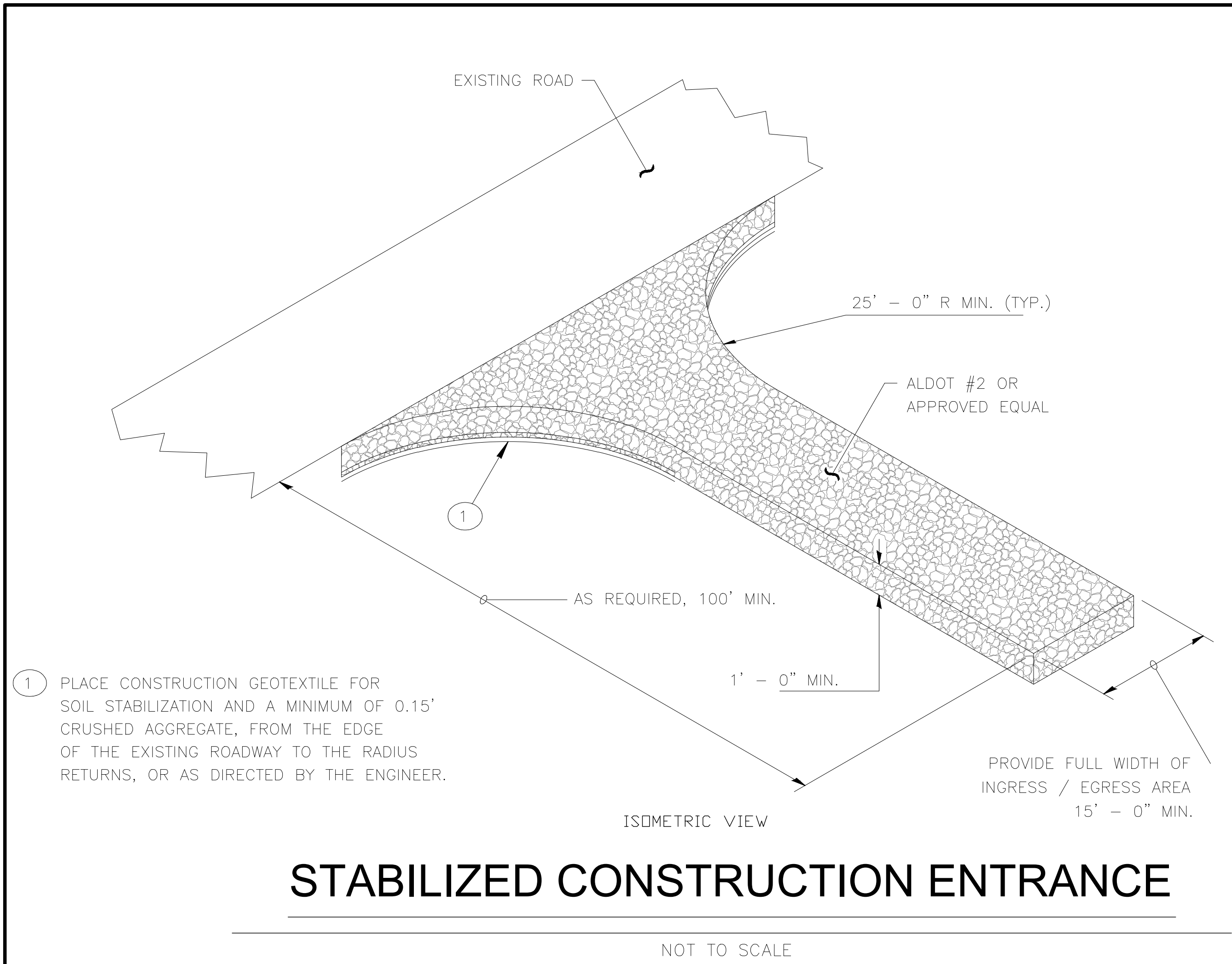
W.O. NO. COP-25-003

DATE: JULY 2025

DRAWN: SRS

CHECKED: SRS

NOT VALID
UNLESS
SEALED WITH
DIGITAL SIGNATURE
OR STAMPED WITH
INK SEAL



This detail applies to the parking area
and pickleball courts

