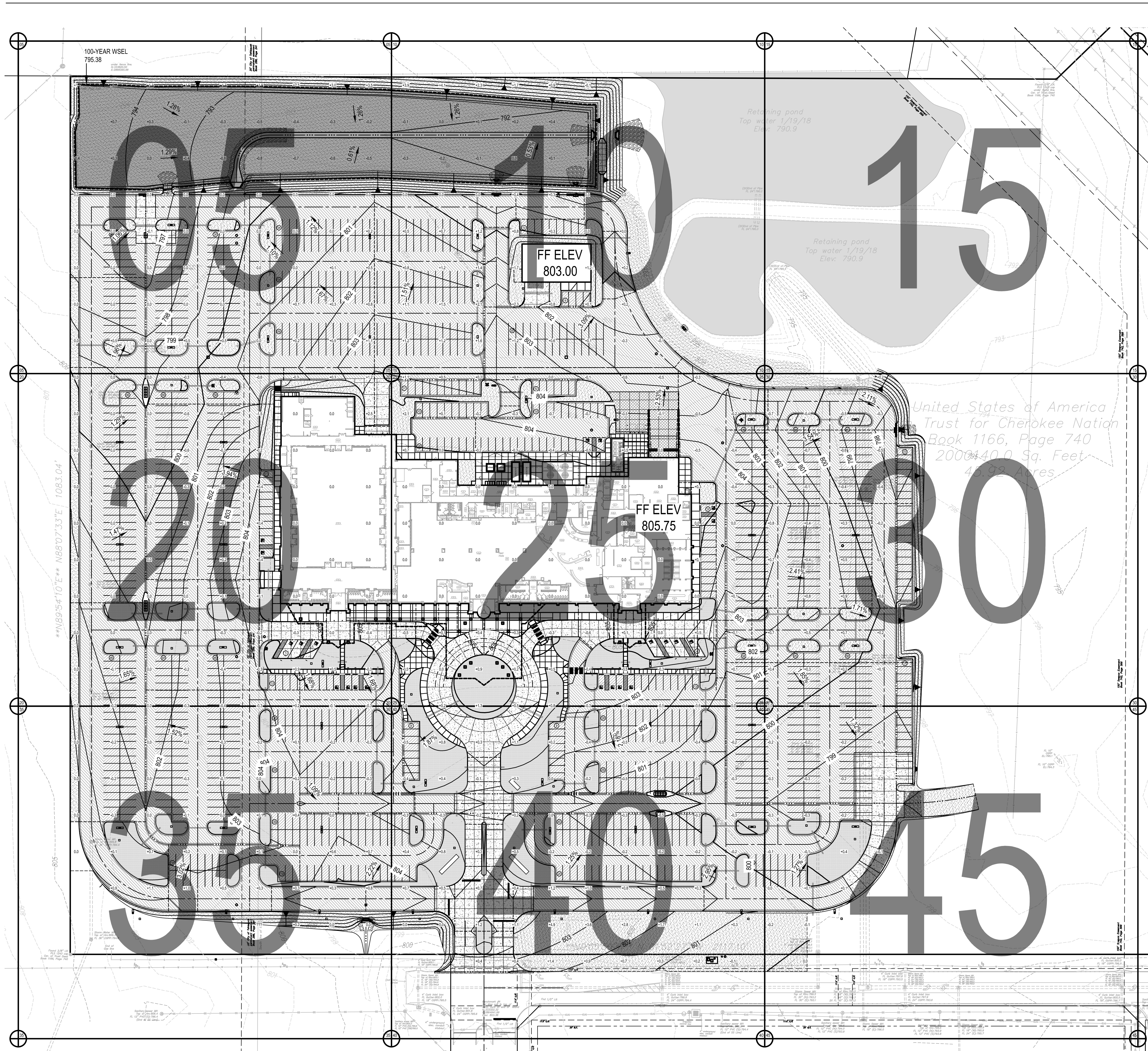


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 1" = 1'-0"
 1 1/2" = 1'-0"
 2" = 1'-0"
 3" = 1'-0"
 4" = 1'-0"
 6" = 1'-0"
 12" = 1'-0"



LEGEND

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SCALE: 1" = 60'-0"

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01 PLAN VIEW: INSET
 SCALE: AS SHOWN

James R. Childers Architect, Inc.
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PROFESSIONAL SEAL

4/20/2018
 DATE

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 W www.adgokc.com
 CA 6447, exp. 06.30.2018

CLIENT:

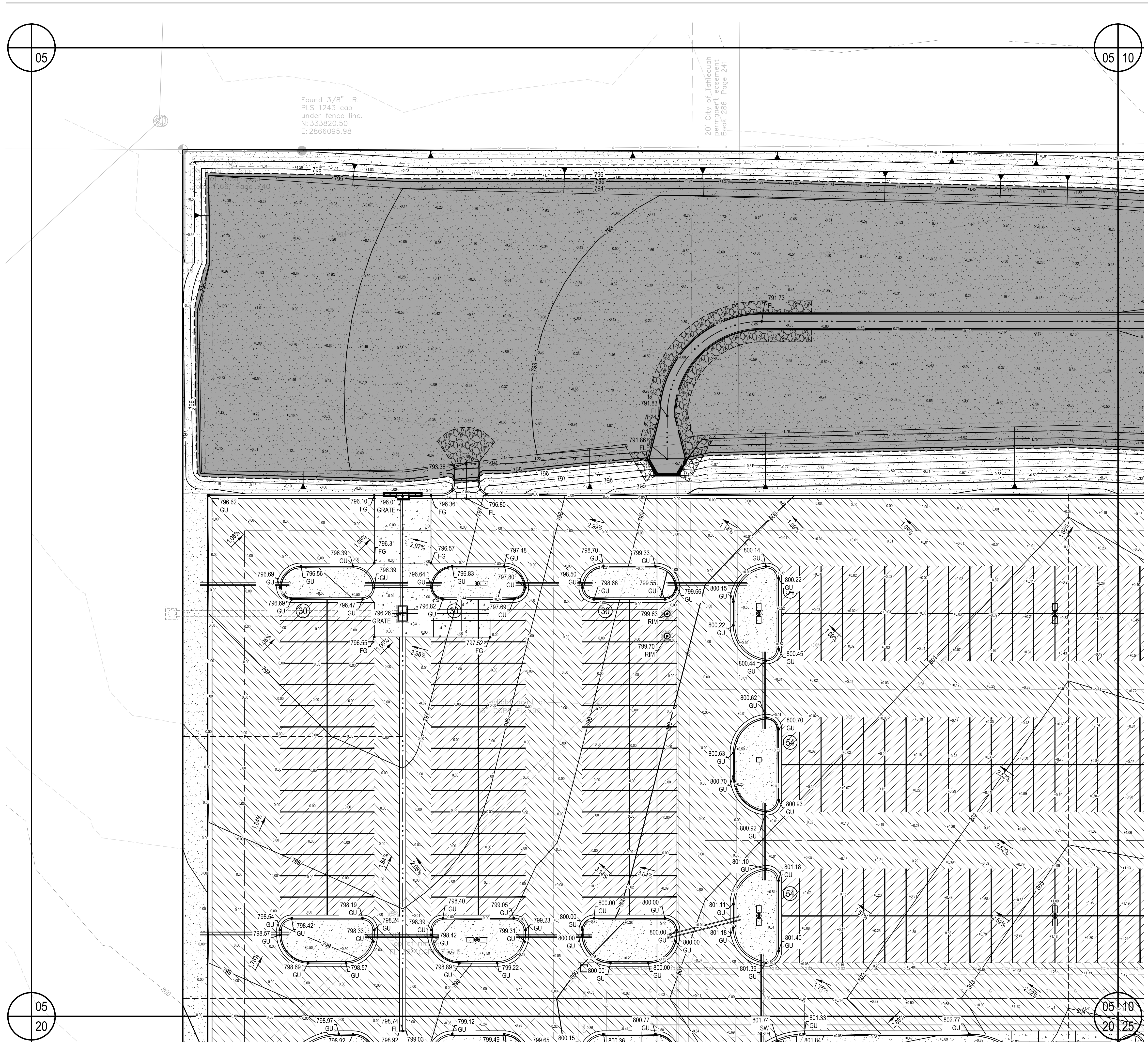
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
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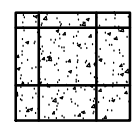
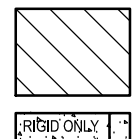
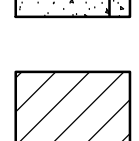
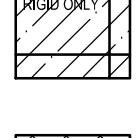
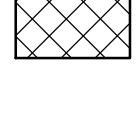
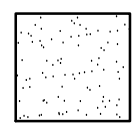
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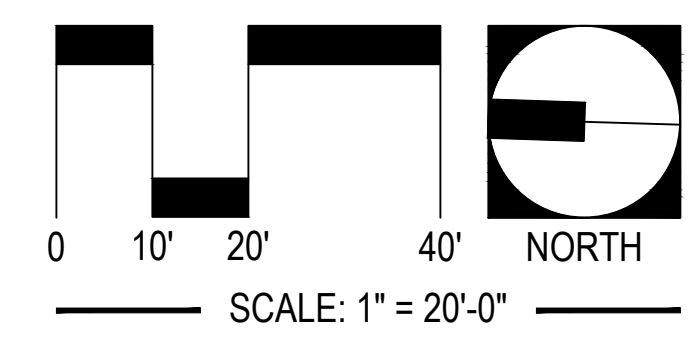


Found 3/8" I.R.
PLS 1243 cap
under fence line.
N: 333820.50
E: 2866095.98

20' City of Tahlequah
Permanent easement
Book 286, Page 241

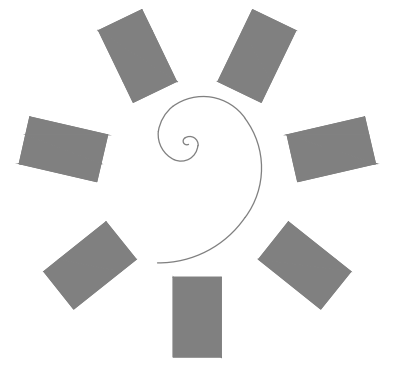
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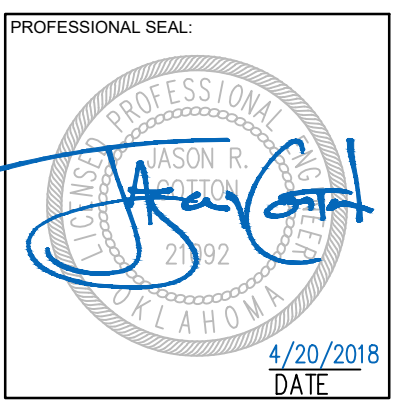


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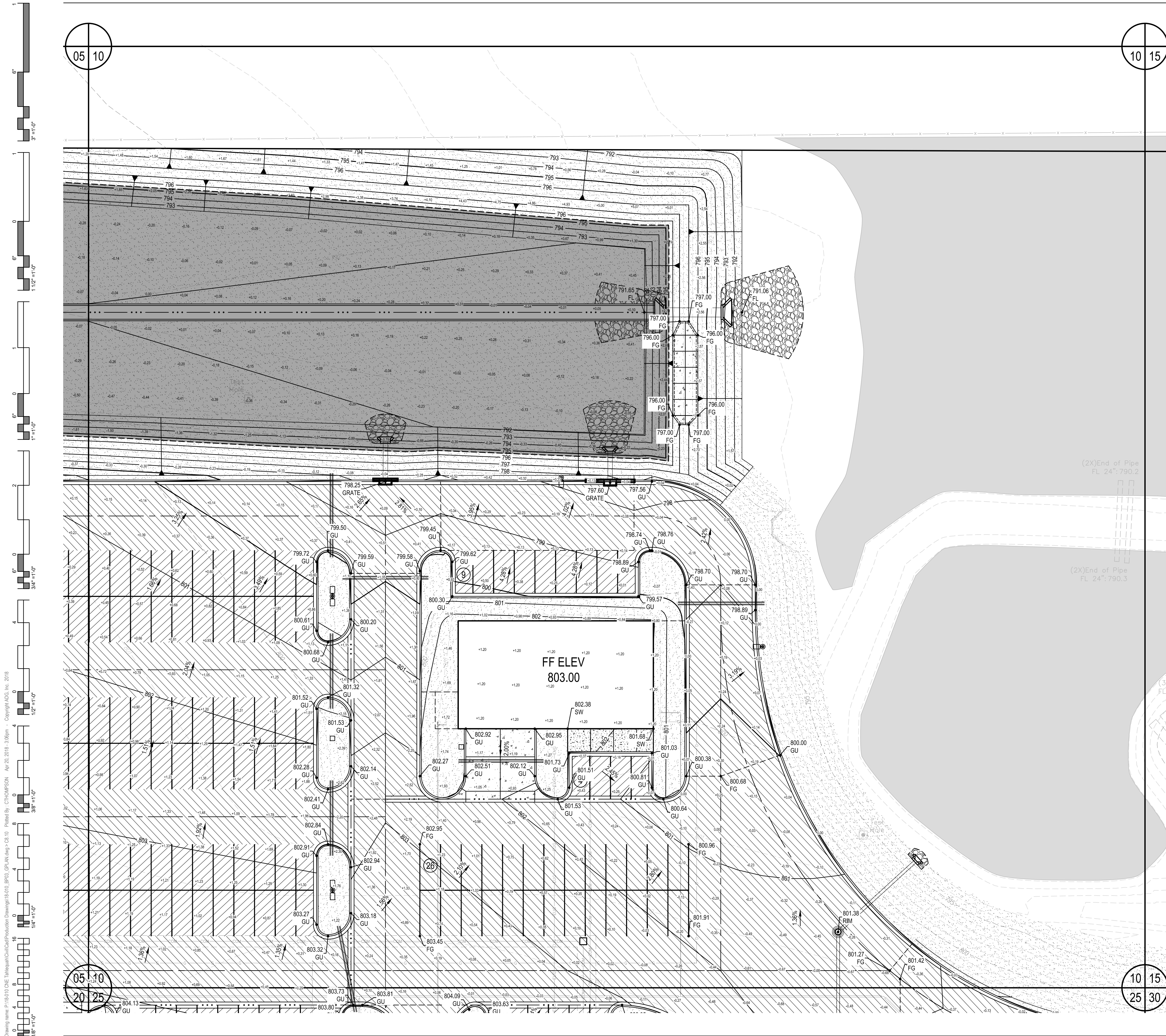


**CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO**
 TAHLEQUAH, OKLAHOMA

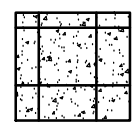
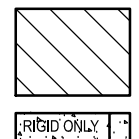
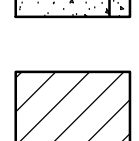
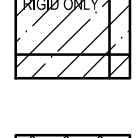
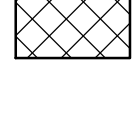
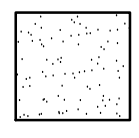
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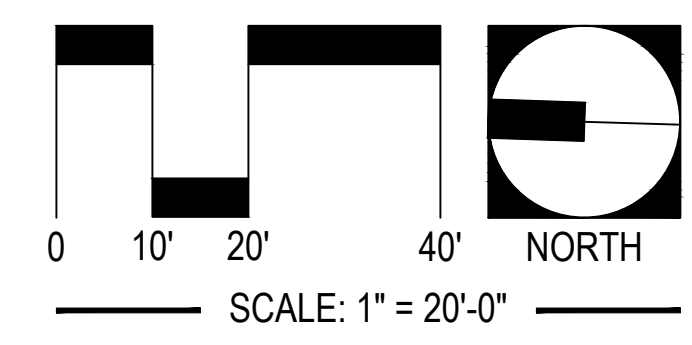
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 JOB NUMBER: 17-06
 FINISHED GRADING PLAN - AREA 05



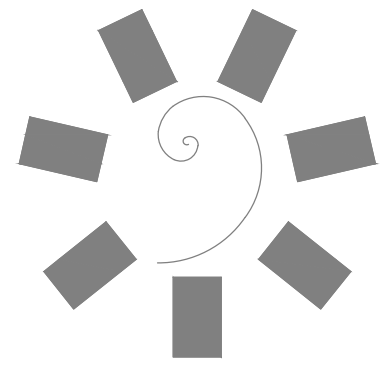
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CLIENT:
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TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

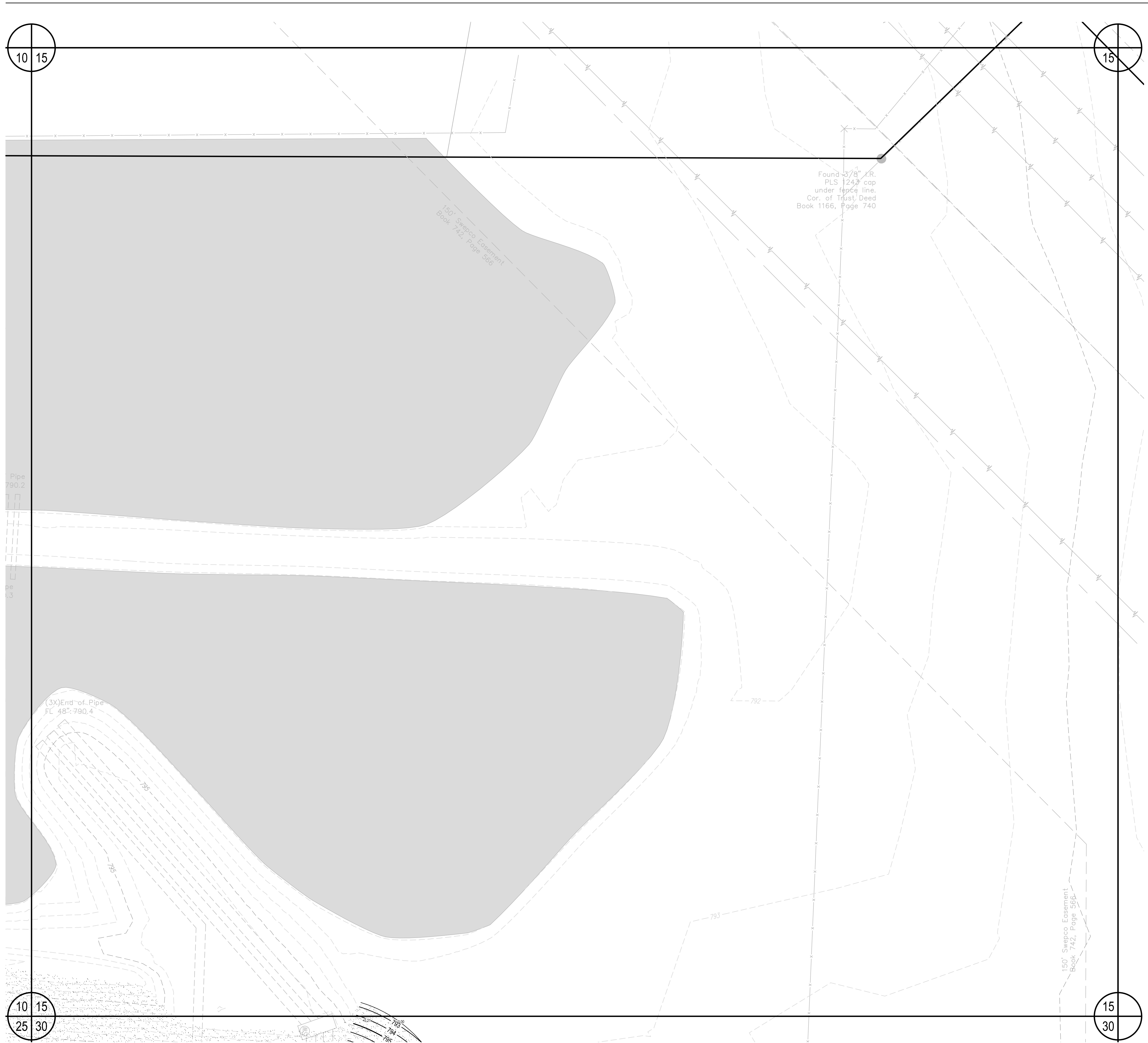
PROJECT PHASE:
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REVISIONS		
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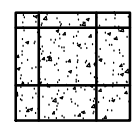
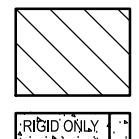
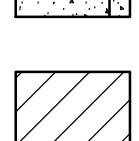
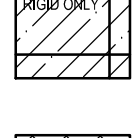
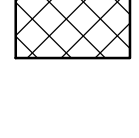
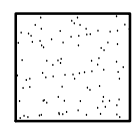
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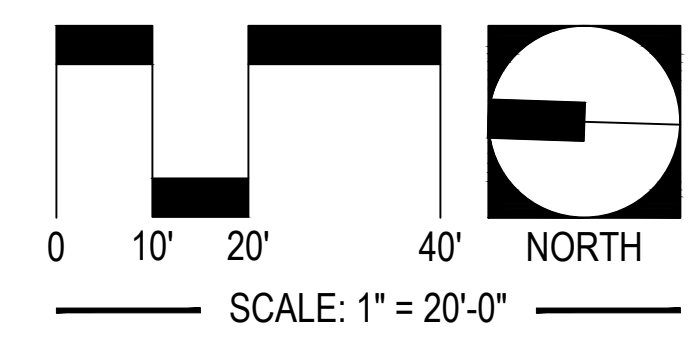
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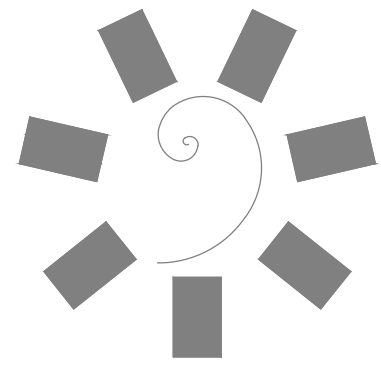
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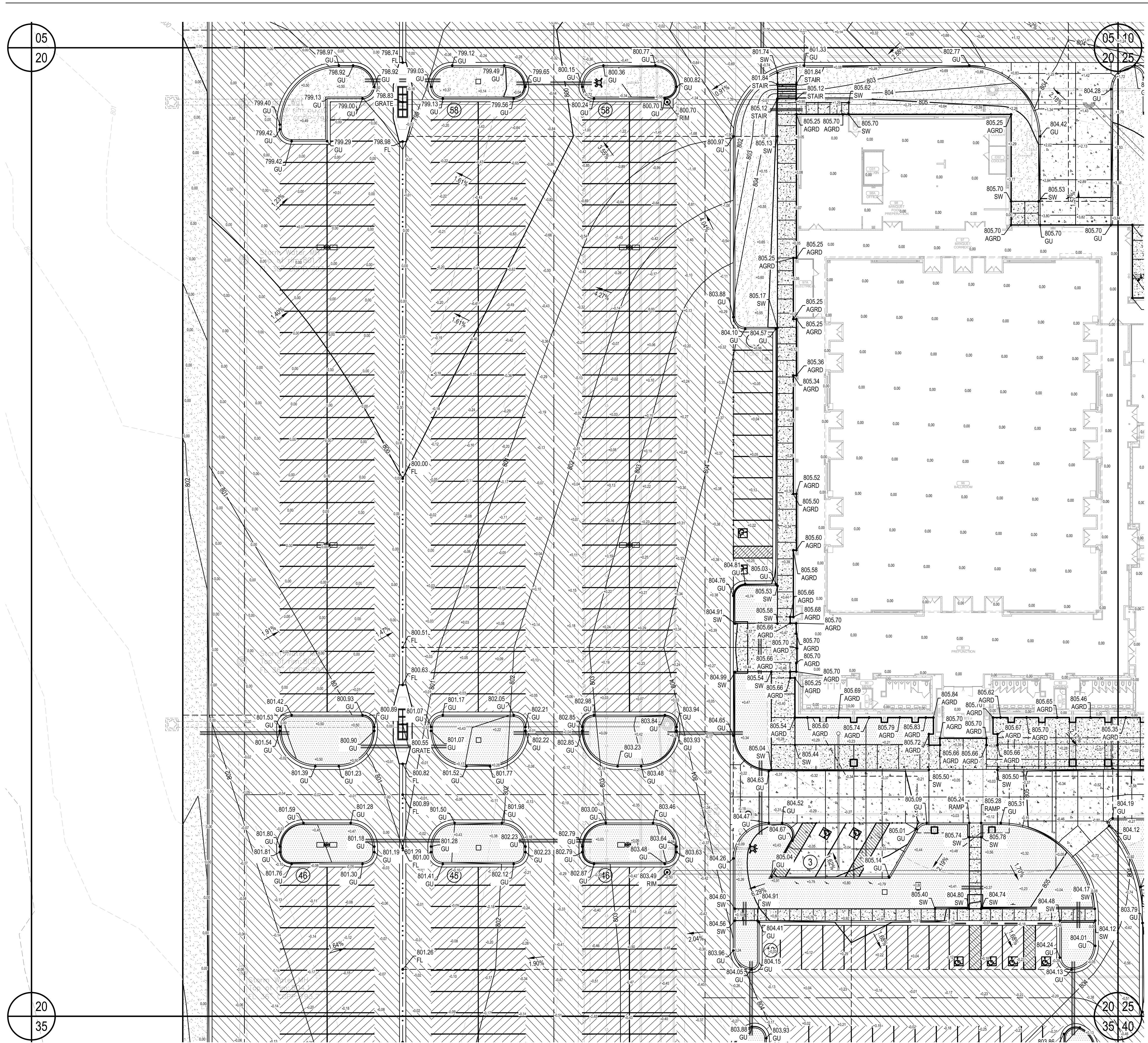
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REVISIONS		
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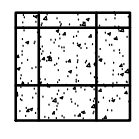
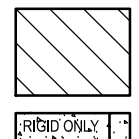
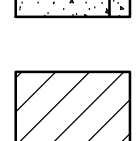
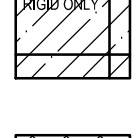
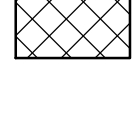
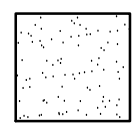
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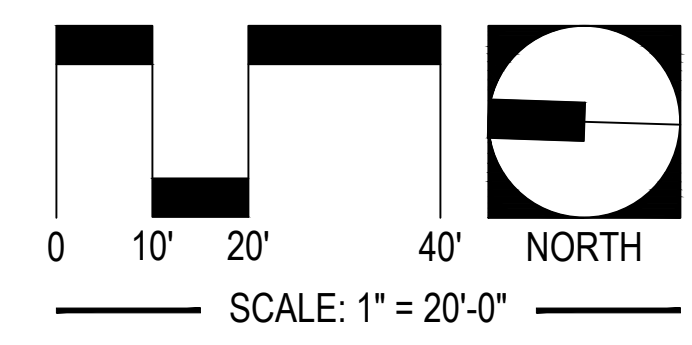
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C8.15c
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 PLAN - AREA 15

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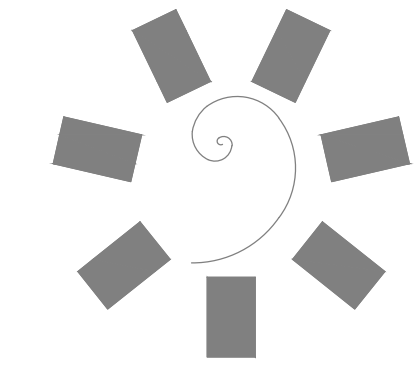
LEGEND

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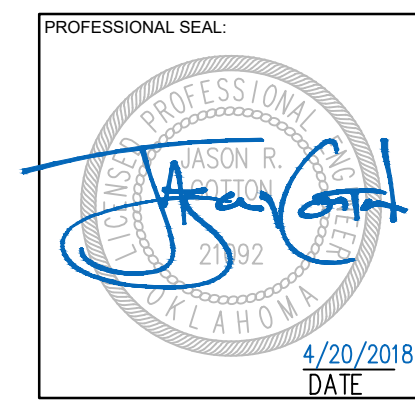


UTILITY WARNING:
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 W www.adgokc.com
 CA 6447, exp. 06.30.2018

CLIENT:
**CHEROKEE NATION
Entertainment**

**Cherokee
CASINO**

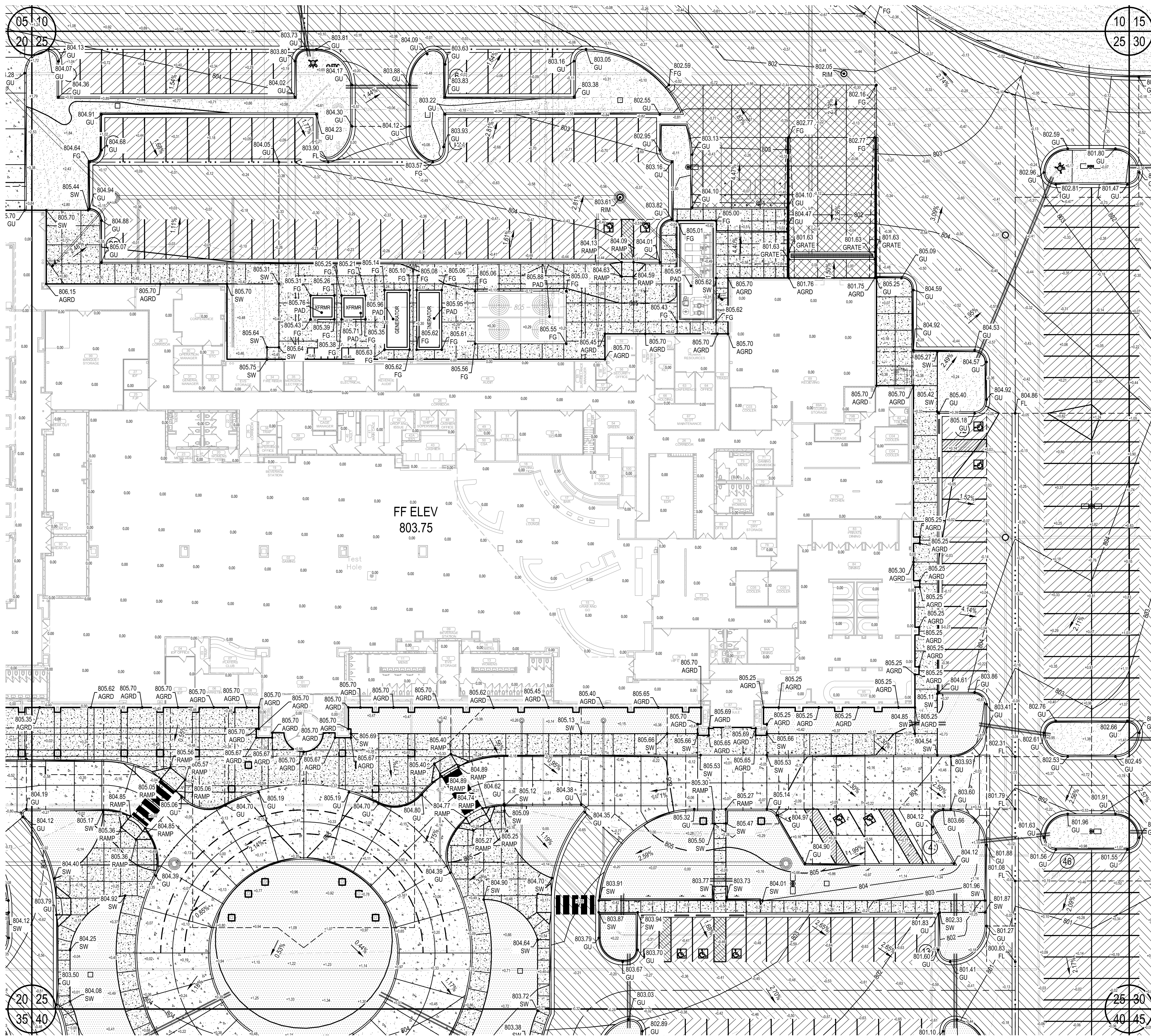
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

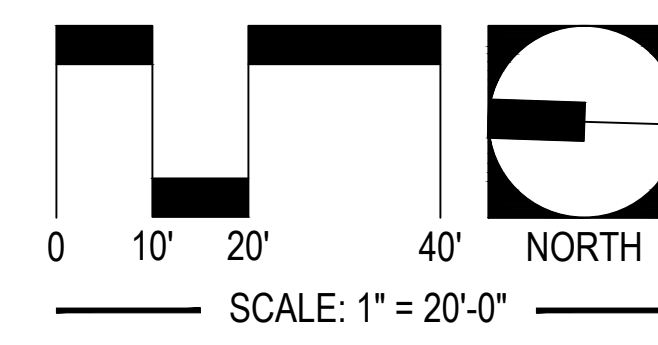
DATE: 04.20.2018 JOB NUMBER: 17-06

SHEET NUMBER:
C8.20c
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 PLAN - AREA 20



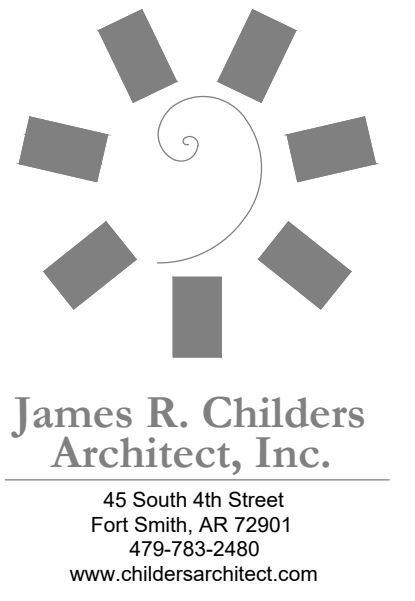
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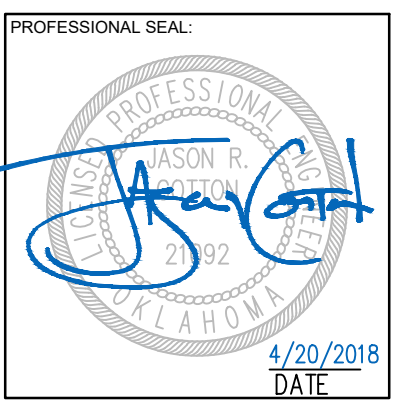


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**CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO**

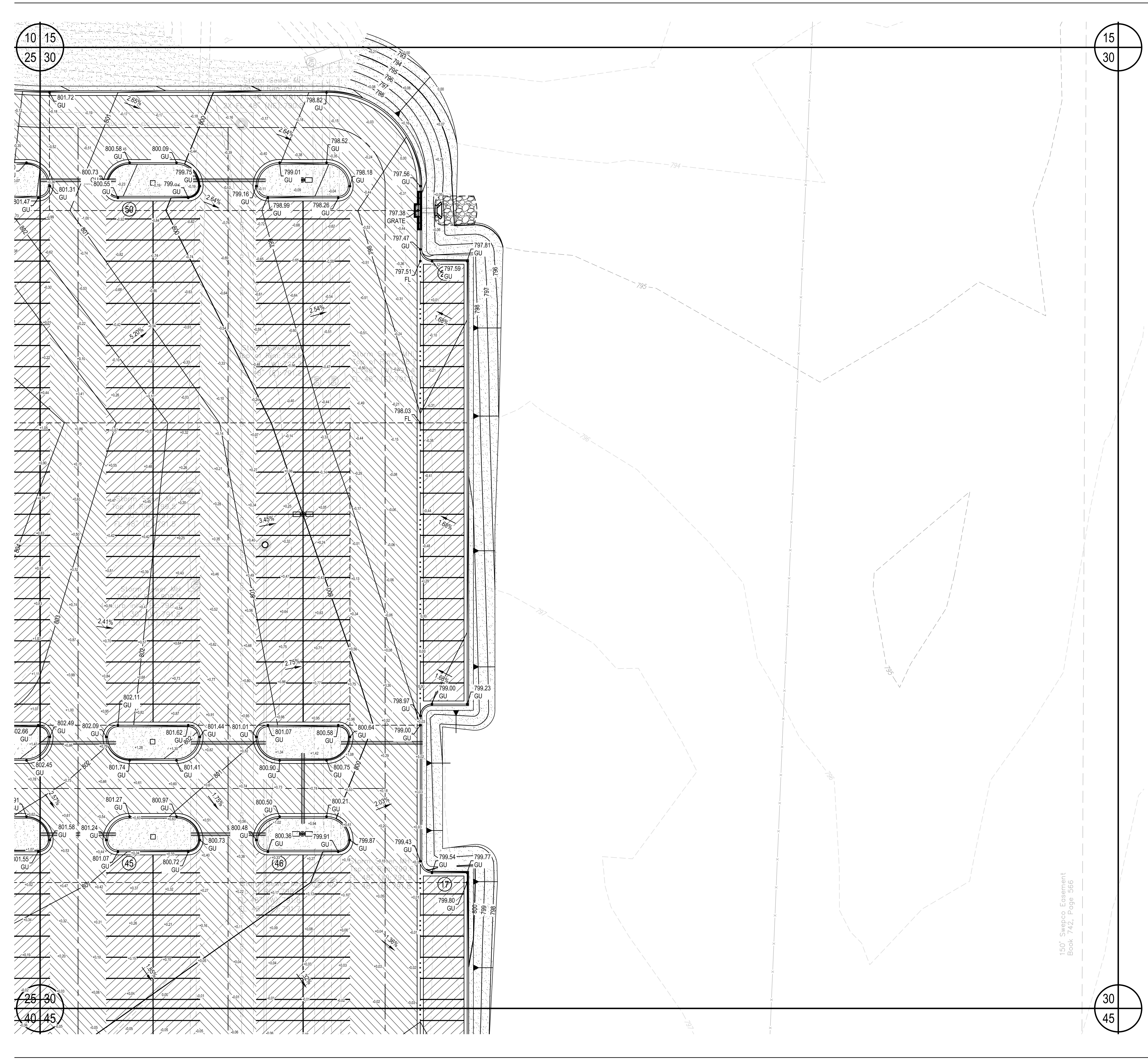
PROJECT PHASE:
BID PACKAGE 04

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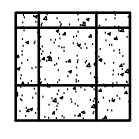
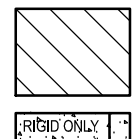
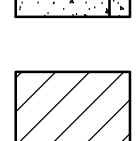
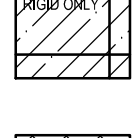
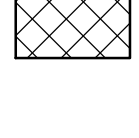
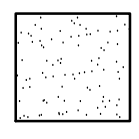
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 JOB NUMBER: 17-06

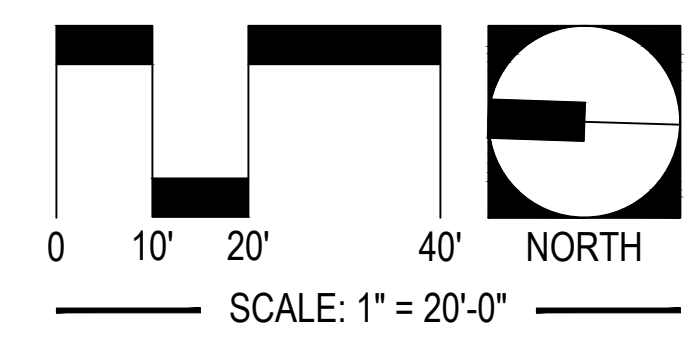
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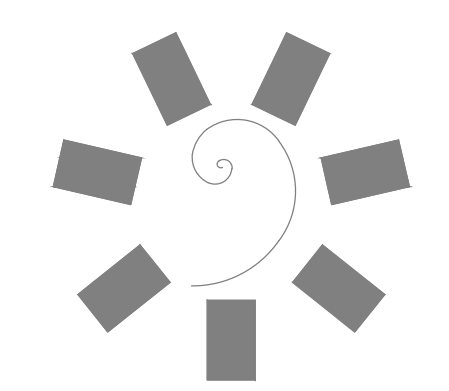
LEGEND

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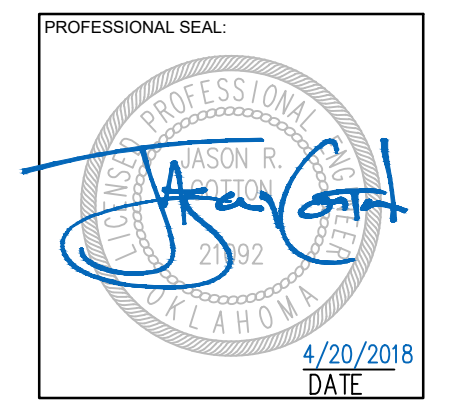


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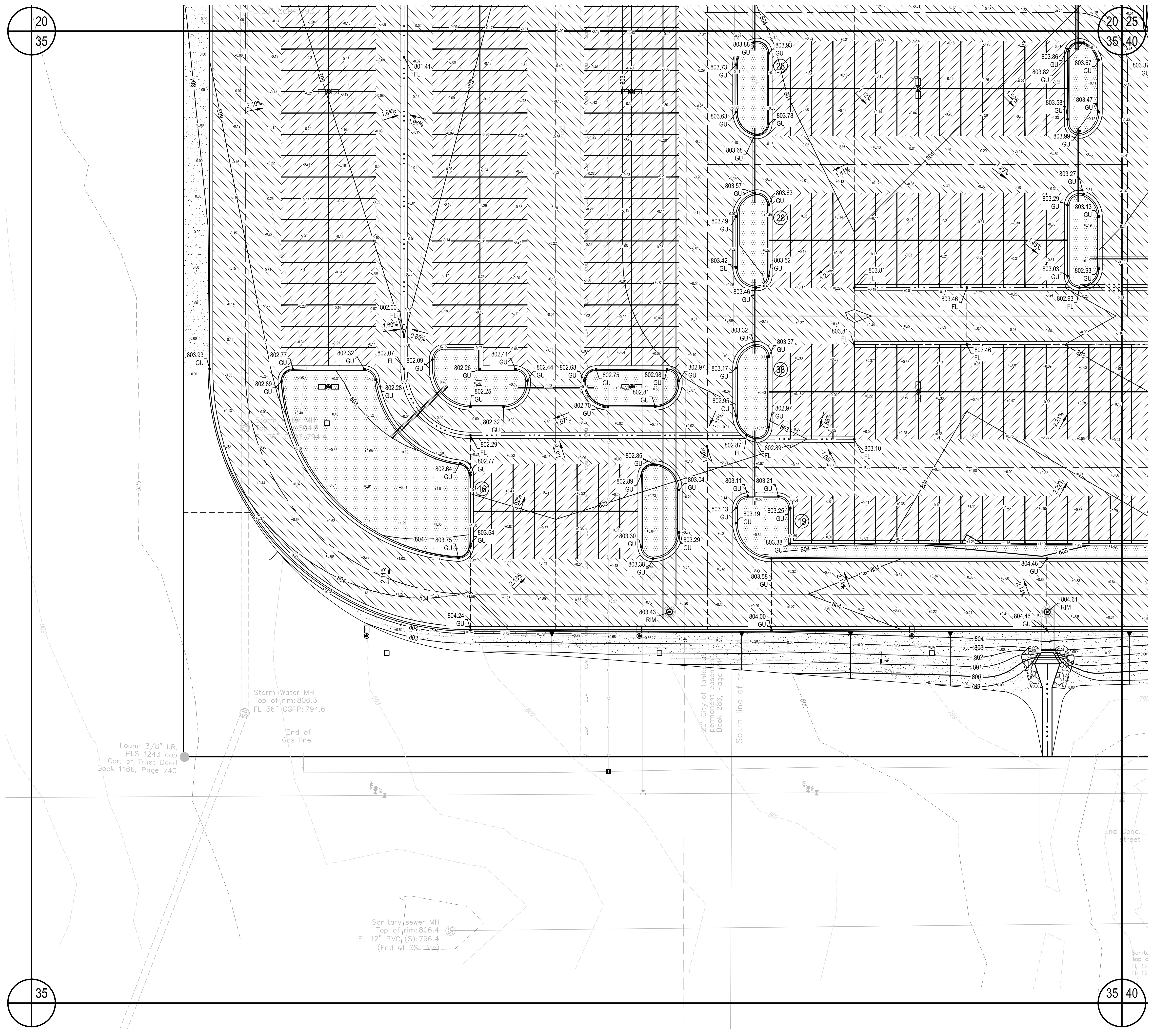
CLIENT:
**CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO**
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
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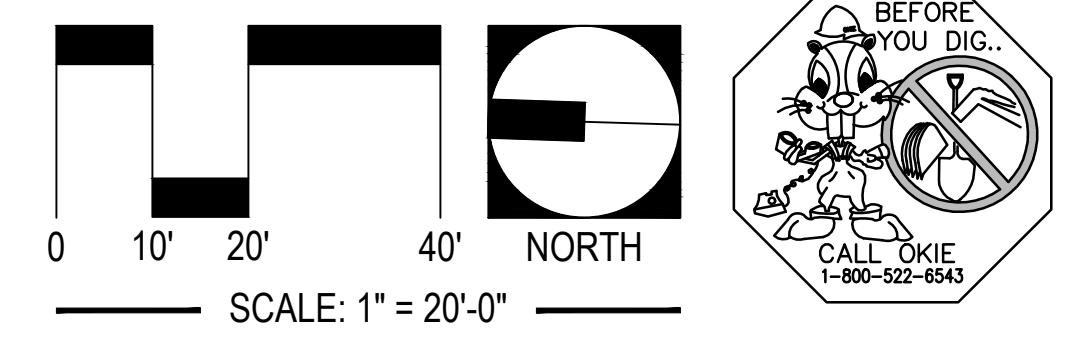
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 JOB NUMBER: 17-06
 SHEET NUMBER:
C8.30c
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 1/2" = 1'-0"
 3/4" = 1'-0"
 1" = 1'-0"
 1 1/2" = 1'-0"
 2" = 1'-0"
 3" = 1'-0"
 4" = 1'-0"
 6" = 1'-0"
 12" = 1'-0"



- ### LEGEND
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PROFESSIONAL SEAL

4/20/2018
DATE

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CLIENT:

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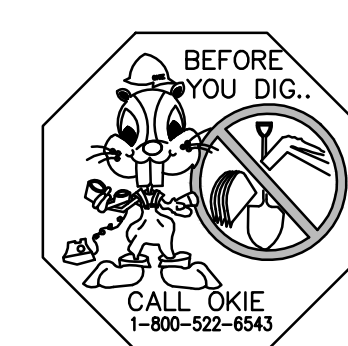
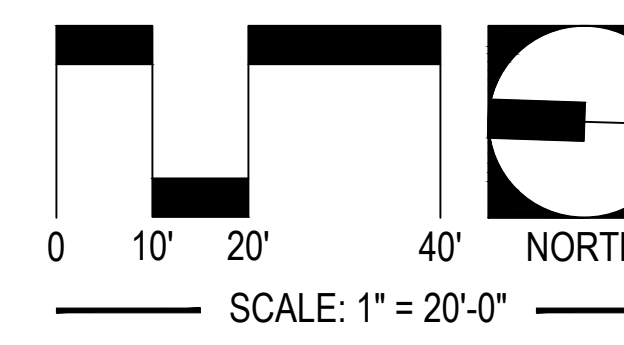
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REVISIONS		
#	DATE	DESCRIPTION

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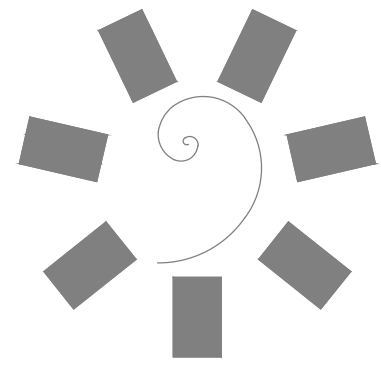
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- PROPOSED LANDSCAPE BED. SEE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAIL AND INFORMATION.



UTILITY WARNING:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



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CLIENT:
CHEROKEE NATION Entertainment
Cherokee CASINO

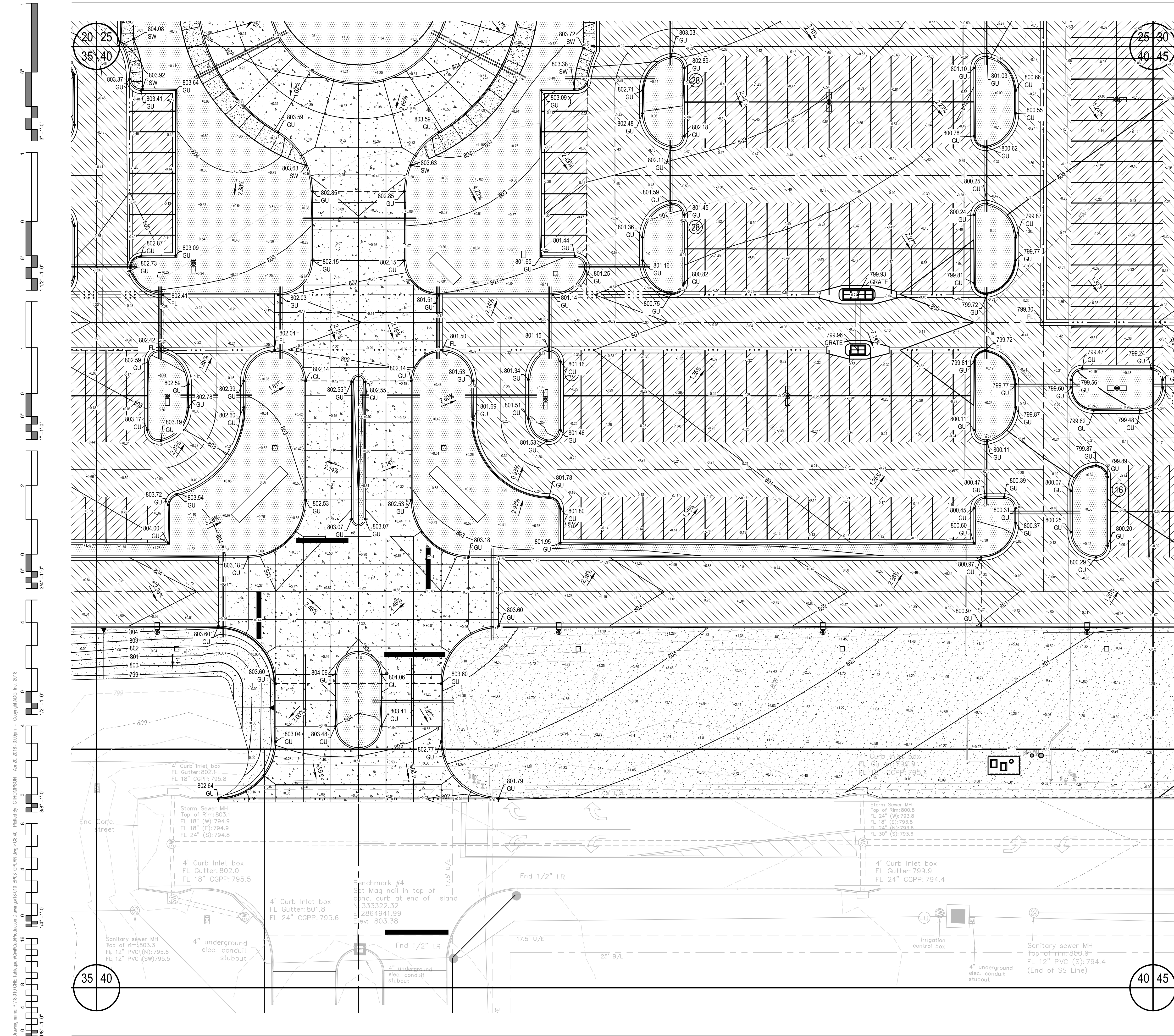
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

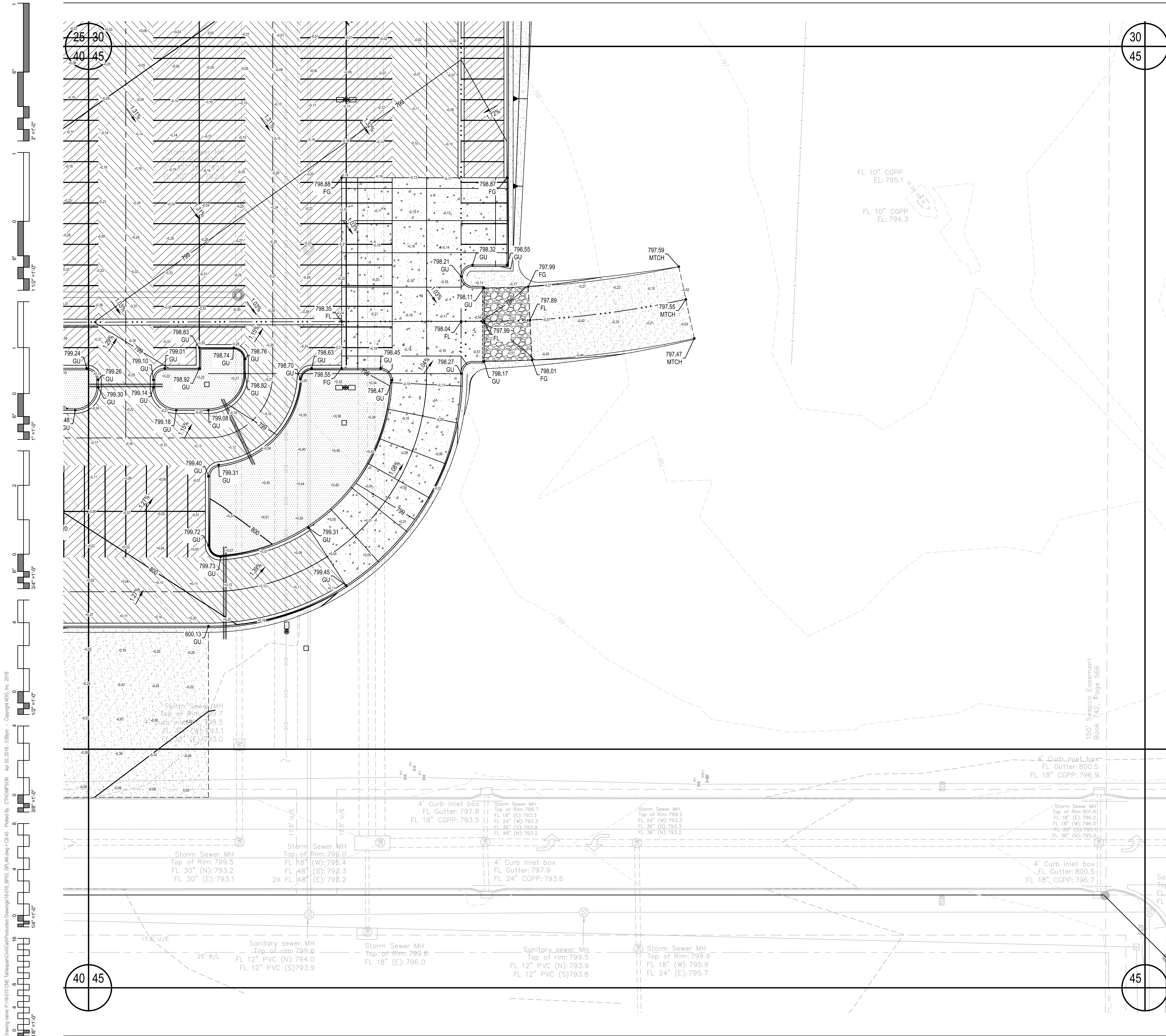
REVISIONS	
#	DESCRIPTION

DATE: 04.20.2018
JOB NUMBER: 17-06

SHEET NUMBER:
C8.40c
FINISHED GRADING
PLAN - AREA 40

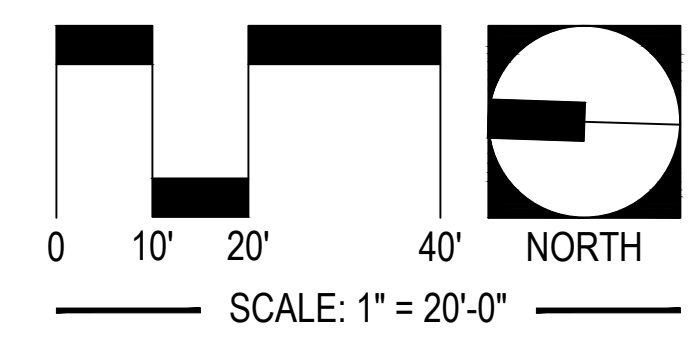


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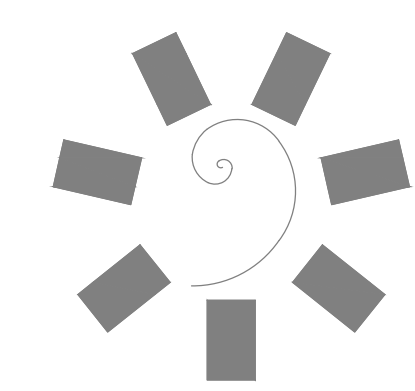
LEGEND

- PROPOSED PC CONCRETE SIDEWALK / PATIO PER 03/C9.05c. WORK TO BE PERFORMED PER SECTION 32 1313 OF THE PROJECT SPECIFICATIONS. SIDEWALK IMPROVEMENTS IN PUBLIC RW SHALL BE PER CITY OF CITY OF TAHLEQUAH STANDARDS AND SPECIFICATIONS.
- HEAVY-DUTY PAVING SECTION PER 01/C9.05c AND SECTION 32 1216 / 32 1313 OF THE PROJECT SPECIFICATIONS. IN THE EVENT THAT A RIGID PAVING SECTION IS SELECTED BY THE OWNER, CONTRACTOR TO PROVIDE FINAL JOINT LAYOUT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. EXPANSION AND CONTRACTION JOINTS TO BE CONSTRUCTED PER 04/C9.05c AND 05/C9.05c, RESPECTIVELY.
- LIGHT-DUTY PAVING SECTION PER 01/C9.05c AND SECTION 32 1216 / 32 1313 OF THE PROJECT SPECIFICATIONS. IN THE EVENT THAT A RIGID PAVING SECTION IS SELECTED BY THE OWNER, CONTRACTOR TO PROVIDE FINAL JOINT LAYOUT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. EXPANSION AND CONTRACTION JOINTS TO BE CONSTRUCTED PER 04/C9.05c AND 05/C9.05c, RESPECTIVELY.
- REINFORCED CONCRETE PAVING SECTION PER 02/C9.05c AND SECTION 32 1313 OF THE PROJECT SPECIFICATIONS. PROVIDED JOINT LAYOUT IS APPROXIMATE. CONTRACTOR TO PROVIDE FINAL JOINT LAYOUT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. EXPANSION AND CONTRACTION JOINTS TO BE CONSTRUCTED PER 04/C9.05c AND 05/C9.05c, RESPECTIVELY.
- PROPOSED TURF AREA. CONTRACTOR TO INSTALL SOLID SLAB SODDING PER SECTION 32 9223 OF THE PROJECT SPECIFICATIONS. CONTRACTOR RESPONSIBLE FOR IRRIGATION AND MAINTENANCE OF TURF AREA UNTIL SUCH TIME THAT A VIGOROUS VEGETATIVE COVER HAS BEEN ESTABLISHED. SEE SWPPP FOR ADDITIONAL REQUIREMENTS RELATED TO STABILIZATION OF DISTURBED AREAS.
- PROPOSED LANDSCAPE BED. SEE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAIL AND INFORMATION.

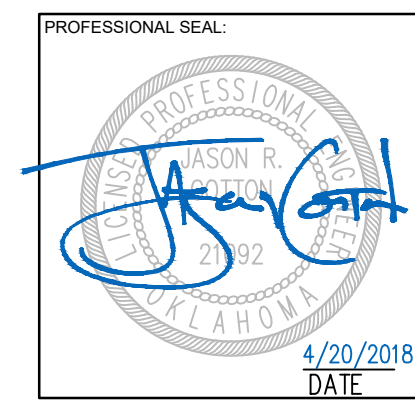


UTILITY WARNING:
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CLIENT:
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**Cherokee
CASINO**

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TAHLEQUAH CASINO**
 TAHLEQUAH, OKLAHOMA

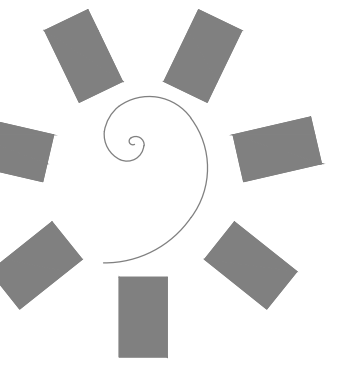
PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

DATE: **04.20.2018** JOB NUMBER: **17-06**

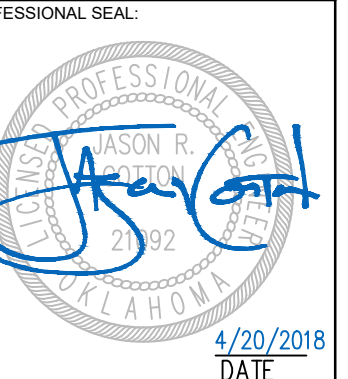
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C8.45c
**FINISHED GRADING
PLAN - AREA 45**

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TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

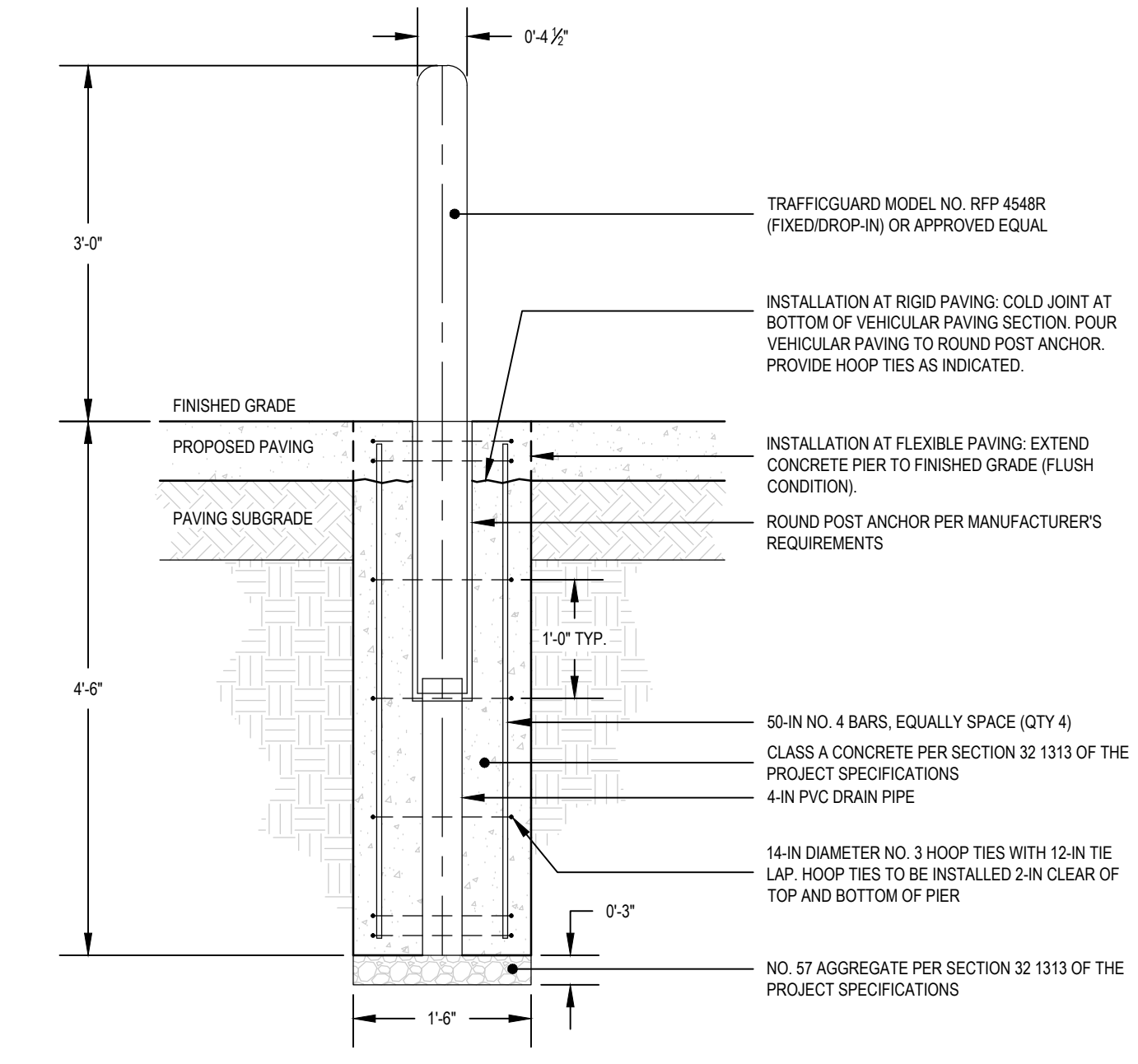
REVISIONS		
#	DATE	DESCRIPTION

DATE: 04.20.2018 JOB NUMBER: 17-06

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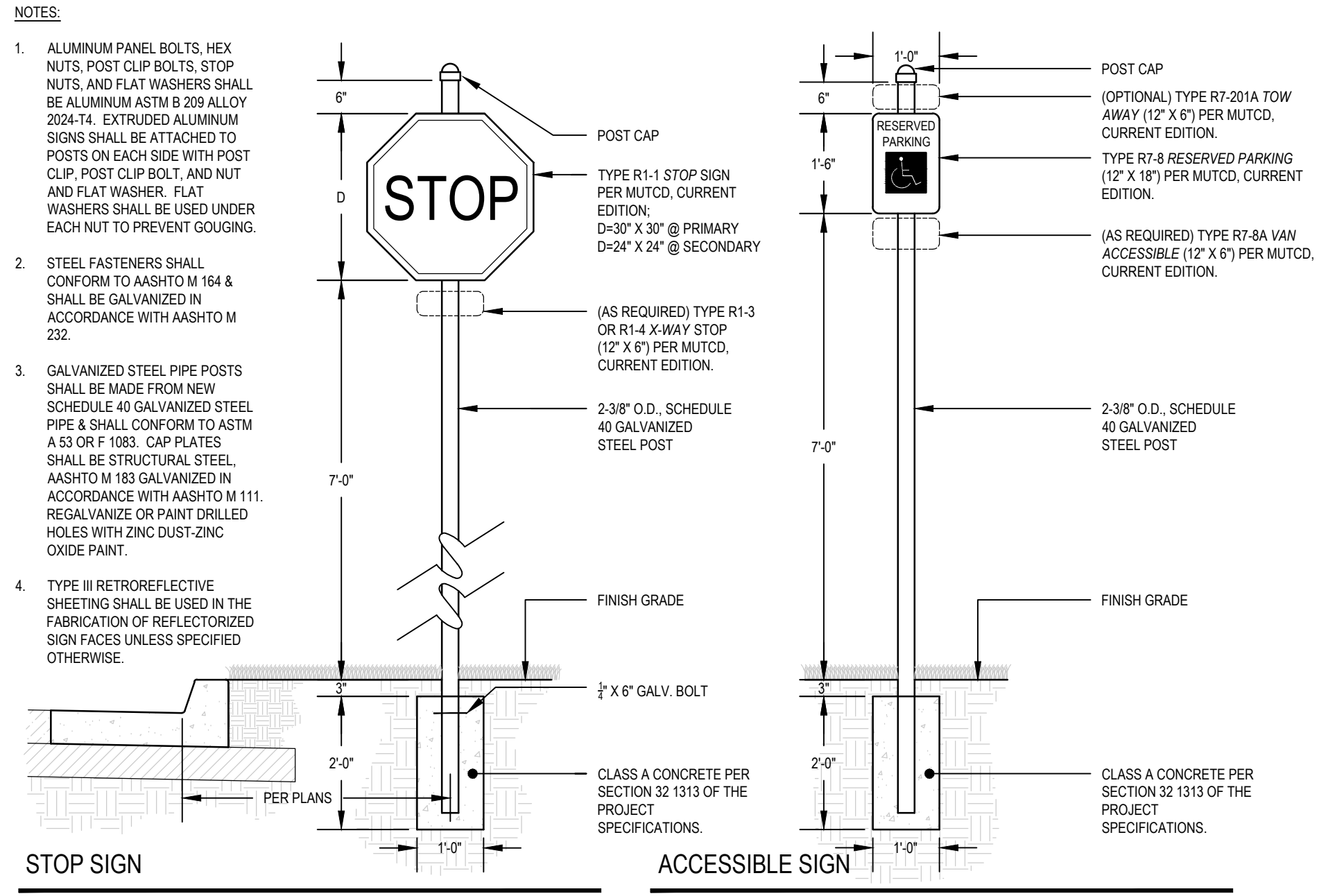
C9.05c

CIVIL
CONSTRUCTION
DETAILS



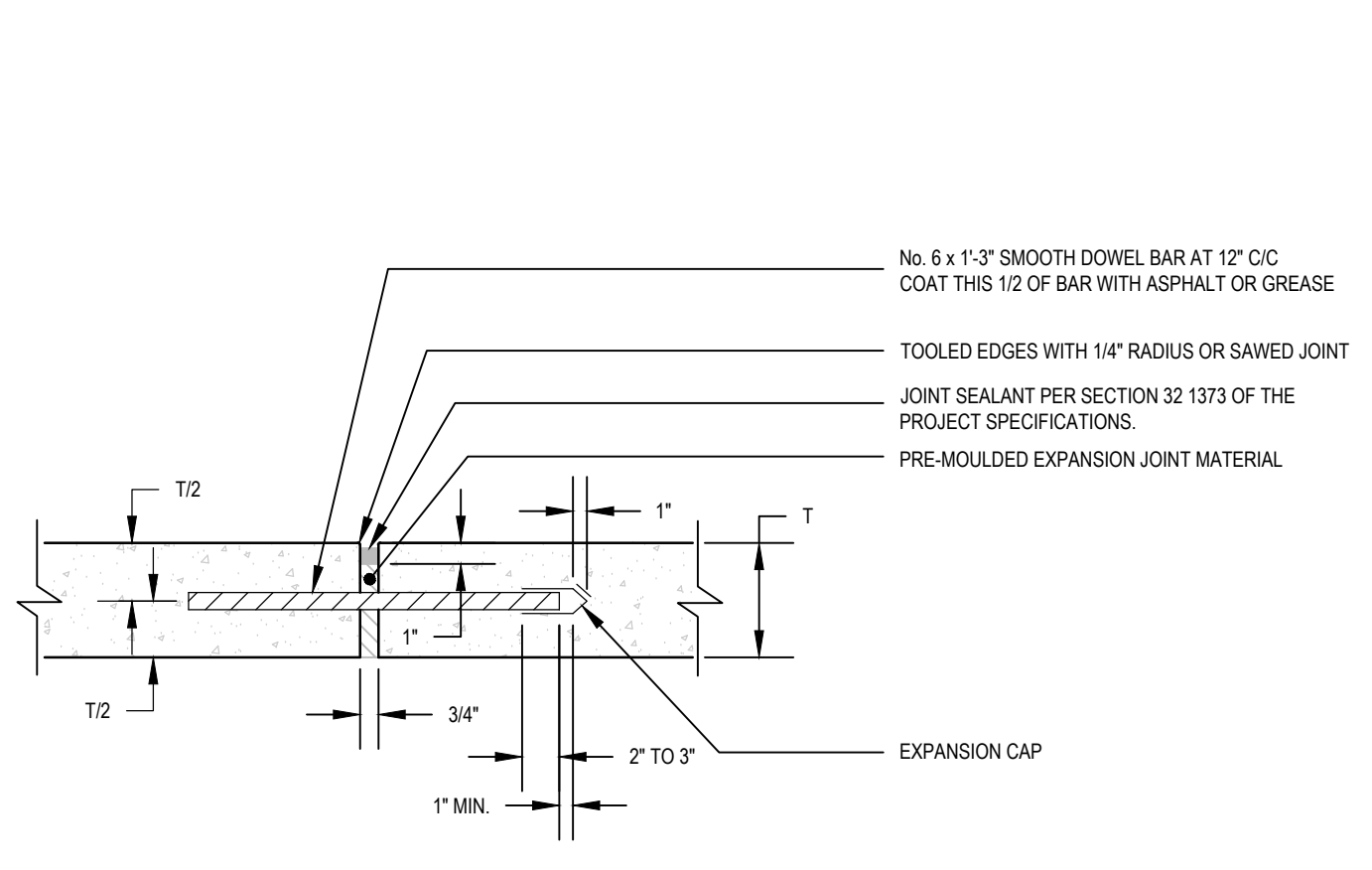
- NOTES:
- BOLLARDS AND ASSOCIATED BOLLARD PIER TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. HEIGHT ABOVE FINISHED GRADE TO BE 36-IN.

07 BOLLARD
SCALE: AS SHOWN



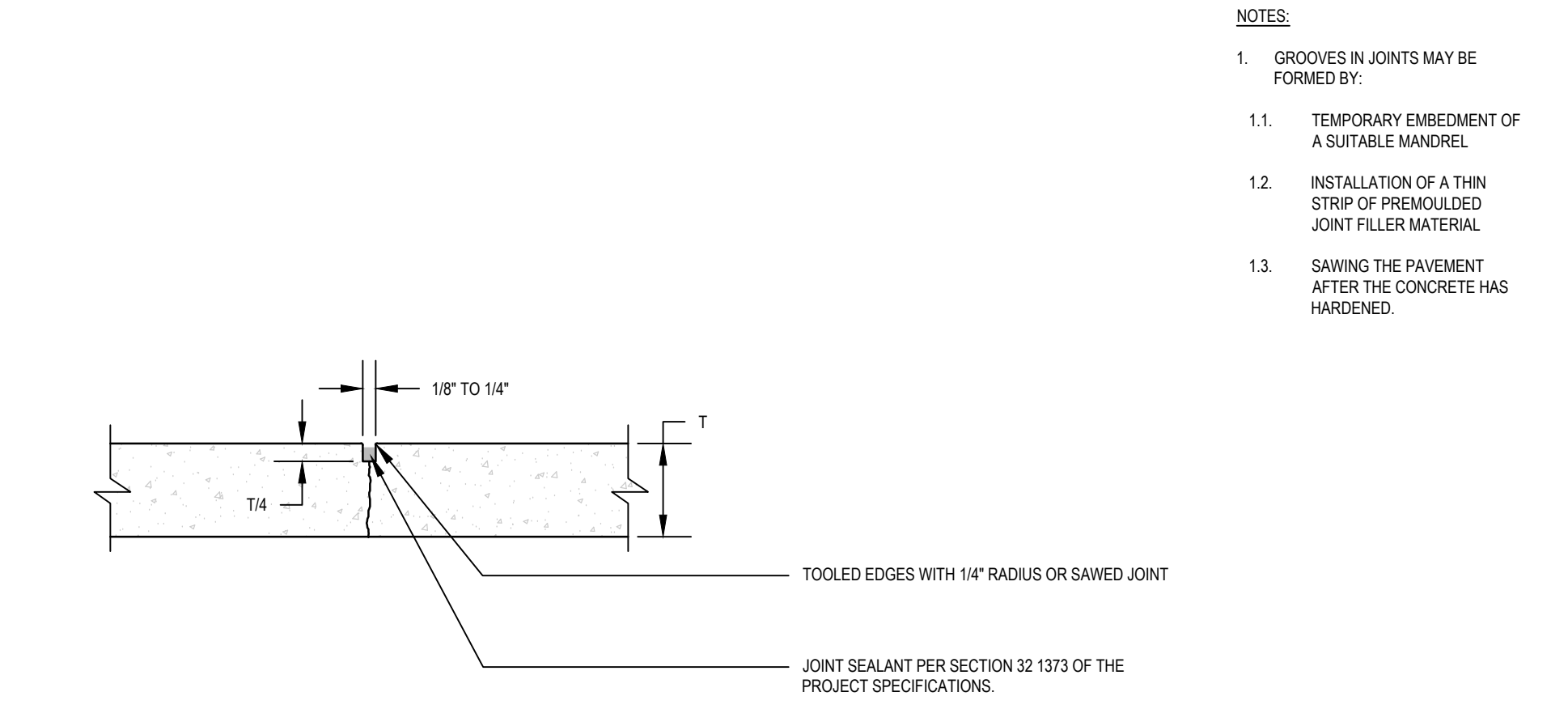
- NOTES:
- ALUMINUM PANEL BOLTS, HEX NUTS, POST CLIP BOLTS, STOP NUTS, AND FLAT WASHERS SHALL BE ALUMINUM ASTM B 209 ALLOY 2024-T4. EXTRUDED ALUMINUM SIGNS SHALL BE ATTACHED TO POSTS ON EACH SIDE WITH POST CLIP, POST CLIP BOLT, AND NUT AND FLAT WASHER. FLAT WASHERS SHALL BE USED UNDER EACH NUT TO PREVENT GOUGING.
 - STEEL FASTENERS SHALL CONFORM TO AASHTO M 154 & SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 232.
 - GALVANIZED STEEL PIPE POSTS SHALL BE MADE FROM NEW SCHEDULE 40 GALVANIZED STEEL PIPE & SHALL CONFORM TO ASTM A 53 OR F 1083. CAP PLATES SHALL BE STRUCTURAL STEEL, AASHTO M 193 GALVANIZED IN ACCORDANCE WITH AASHTO M 111. REGALVANIZE OR PAINT DRILLED HOLES WITH ZINC DUST-ZINC OXIDE PAINT.
 - TYPE III RETROREFLECTIVE SHEETING SHALL BE USED IN THE FABRICATION OF REFLECTORIZED SIGN FACES UNLESS SPECIFIED OTHERWISE.

08 SITE TRAFFIC SIGNAGE
SCALE: AS SHOWN



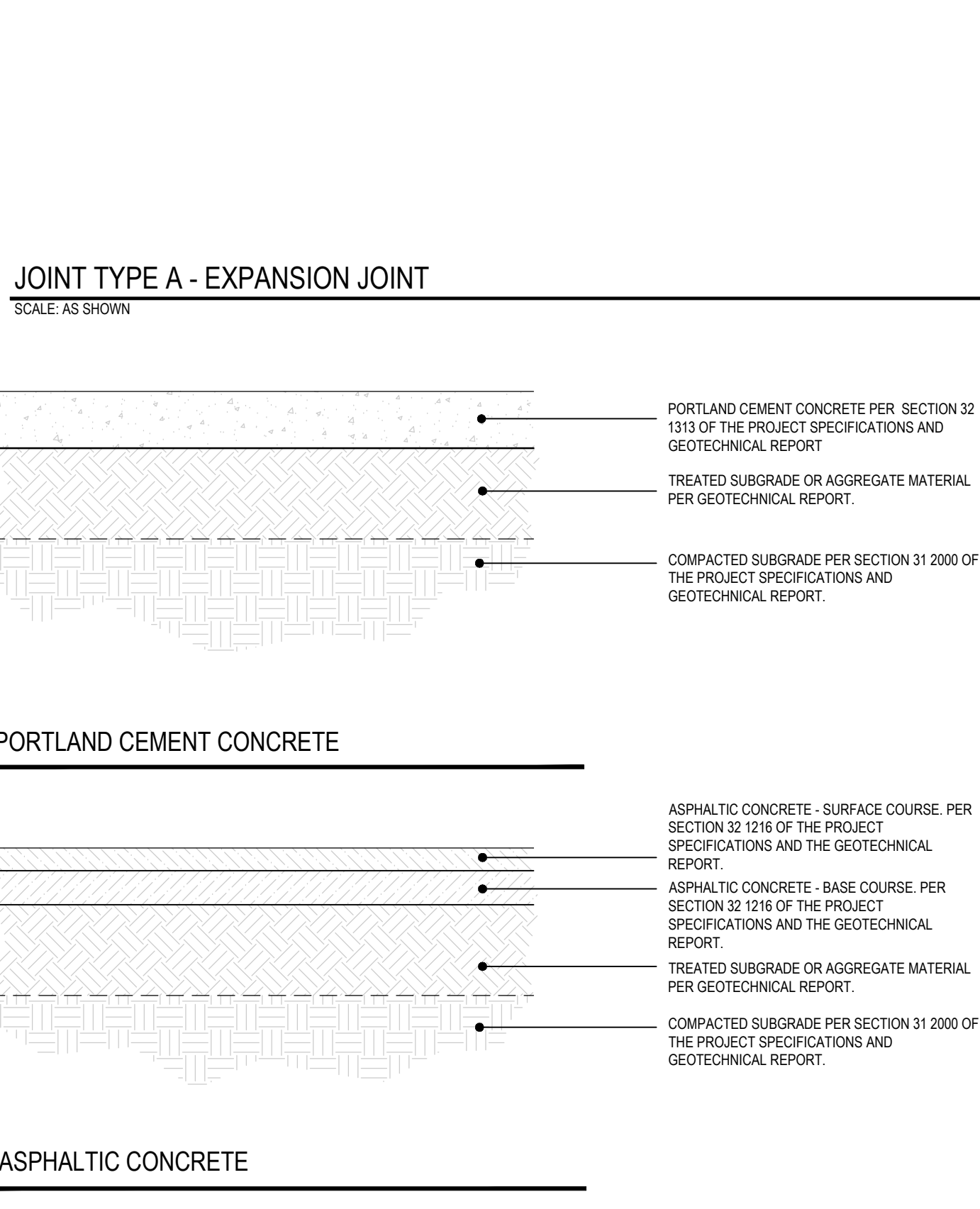
- NOTES:
- SMOOTH DOWEL BARS ACROSS EXPANSION JOINTS (TYPE A AND G) SHALL BE PROVIDED WITH EXPANSION CAPS, AND COATED WITH ASPHALT OR GREASE.

06 CONCRETE BARRIER CURB
SCALE: AS SHOWN



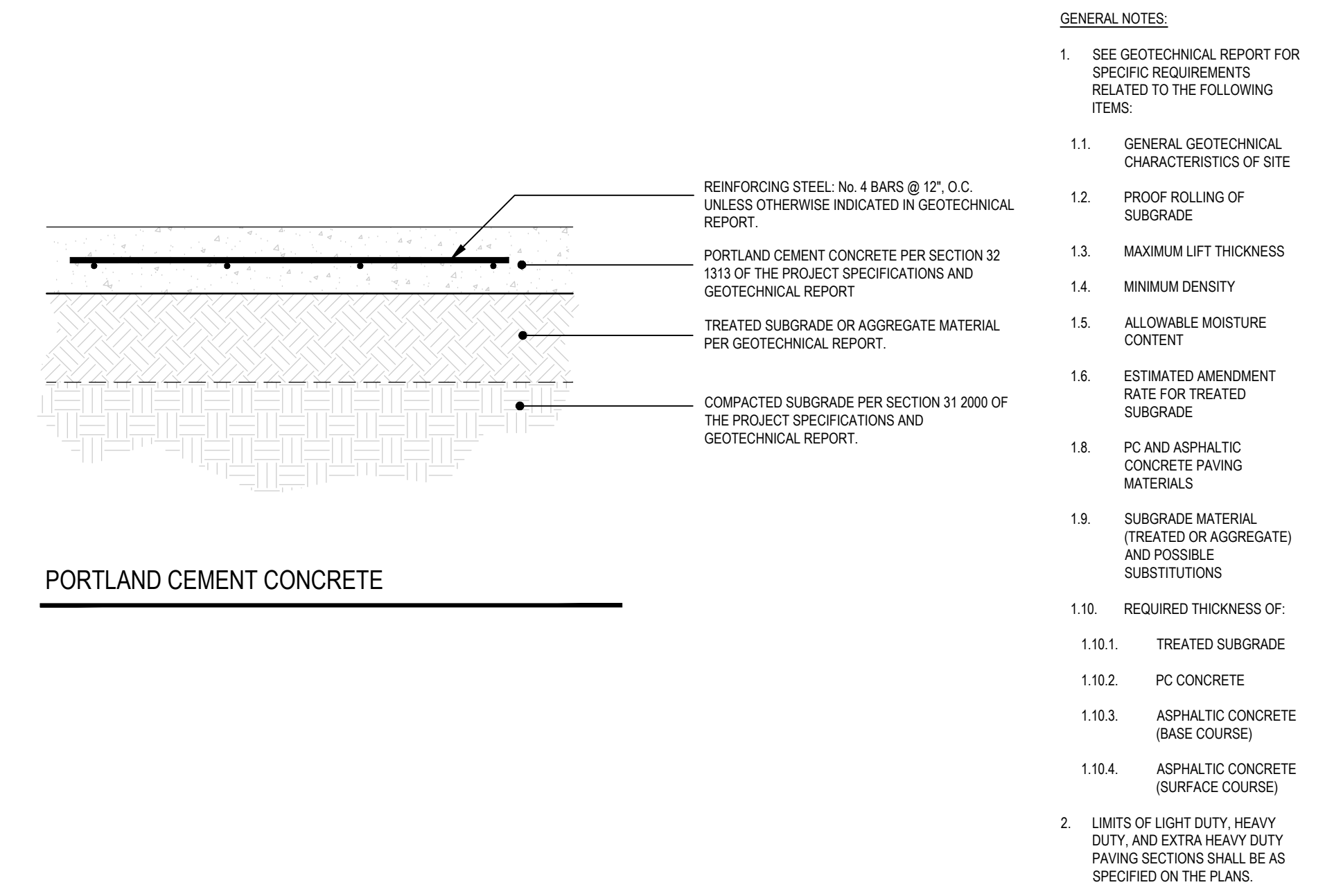
- NOTES:
- GROOVES IN JOINTS MAY BE FORMED BY:
 - TEMPORARY EMBEDMENT OF A SUITABLE MANDREL
 - INSTALLATION OF A THIN STRIP OF PREMOULDED JOINT FILLER MATERIAL
 - SAWING THE PAVEMENT AFTER THE CONCRETE HAS HARDENED.

05 JOINT TYPE D - CONTRACTION JOINT
SCALE: AS SHOWN



- GENERAL NOTES:
- SEE GEOTECHNICAL REPORT FOR SPECIFIC REQUIREMENTS RELATED TO THE FOLLOWING ITEMS:
 - GENERAL GEOTECHNICAL CHARACTERISTICS OF SITE
 - PROOF ROLLING OF SUBGRADE
 - MAXIMUM LIFT THICKNESS
 - MINIMUM DENSITY
 - ALLOWABLE MOISTURE CONTENT
 - ESTIMATED AMENDMENT RATE FOR TREATED SUBGRADE
 - PC AND ASPHALTIC CONCRETE PAVING MATERIALS
 - SUBGRADE MATERIAL (TREATED OR AGGREGATE) AND POSSIBLE SUBSTITUTIONS
 - LIMITS OF LIGHT DUTY, HEAVY DUTY, AND EXTRA HEAVY DUTY PAVING SECTIONS SHALL BE AS SPECIFIED ON THE PLANS.

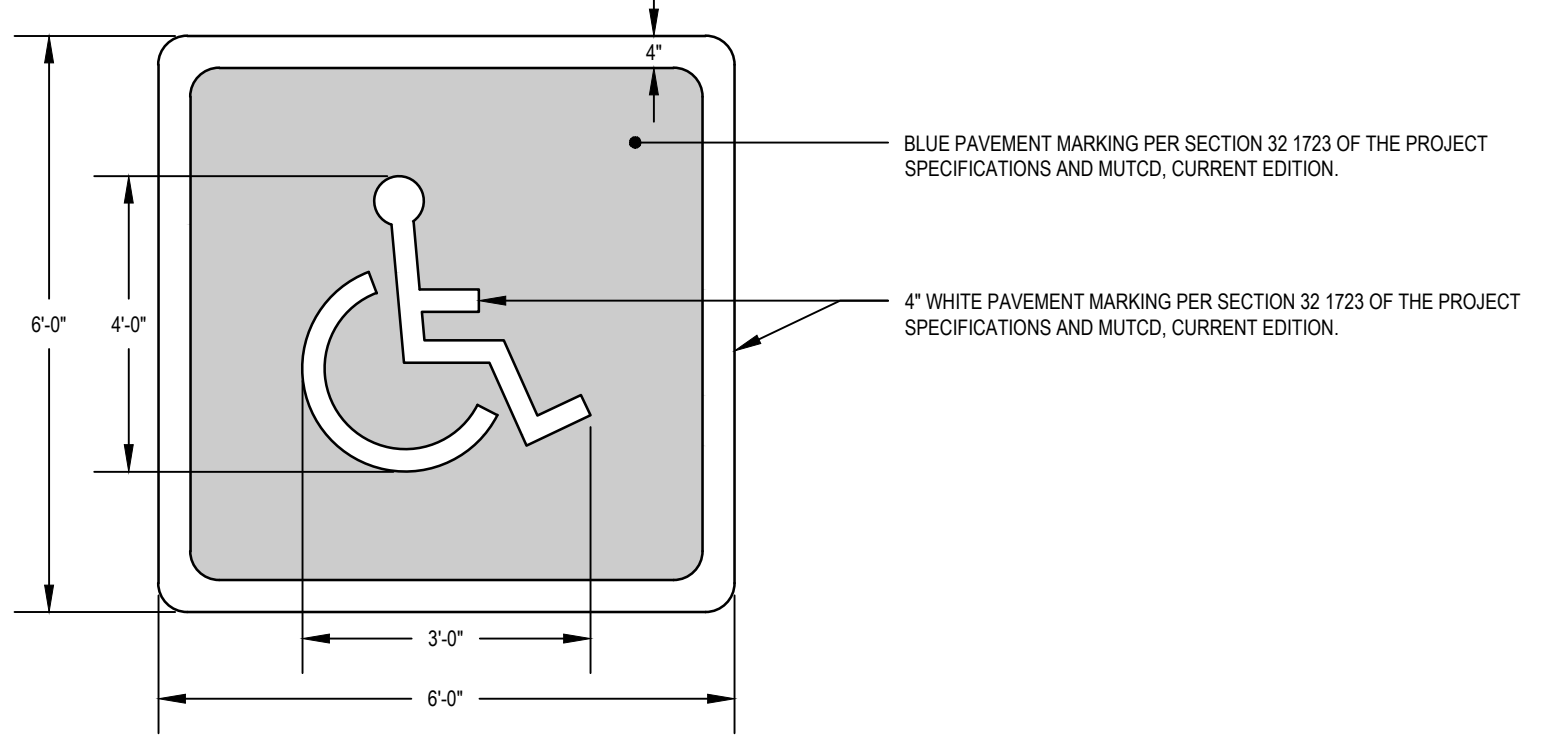
04 JOINT TYPE A - EXPANSION JOINT
SCALE: AS SHOWN



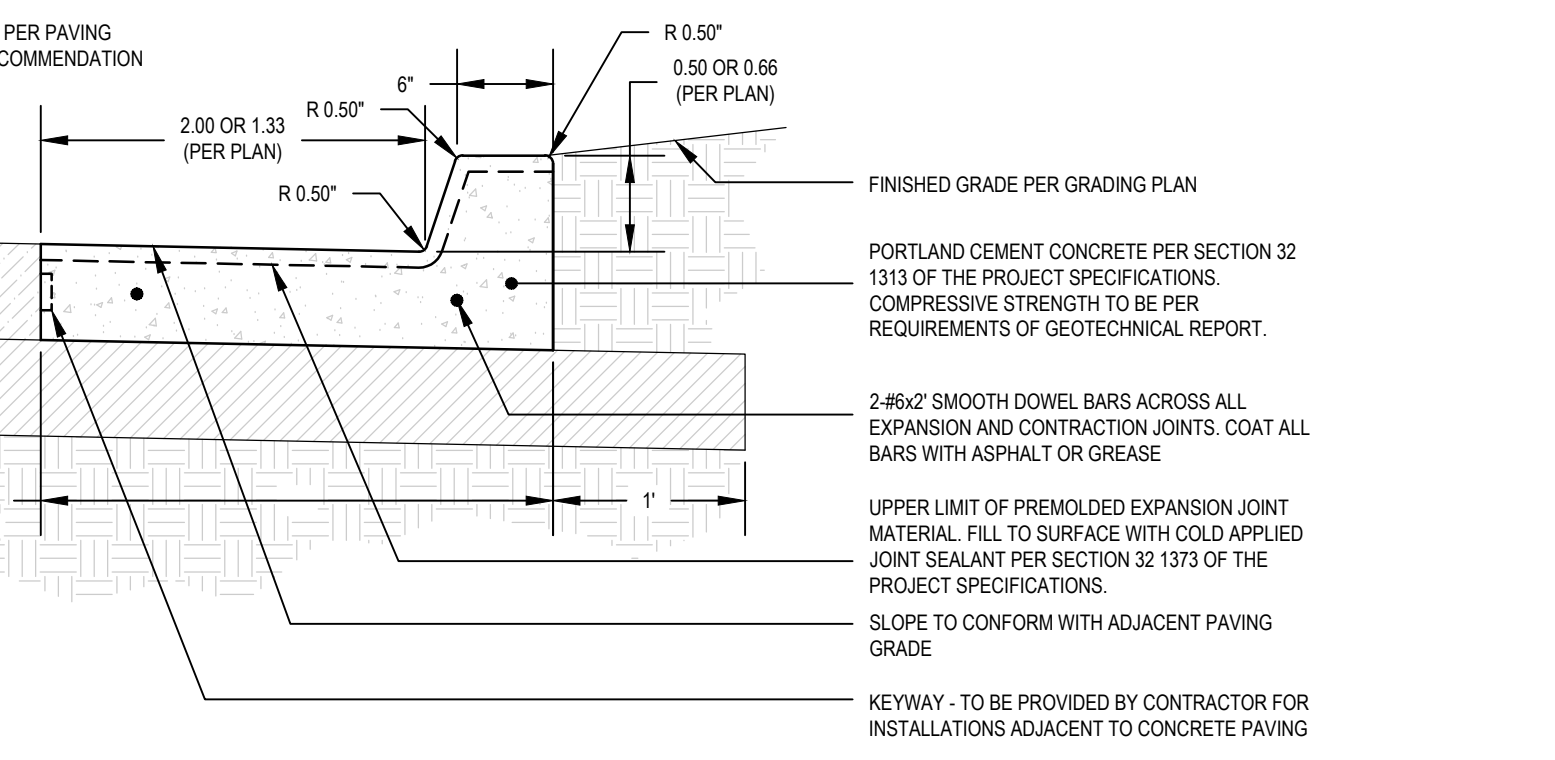
- GENERAL NOTES:
- SEE GEOTECHNICAL REPORT FOR SPECIFIC REQUIREMENTS RELATED TO THE FOLLOWING ITEMS:
 - GENERAL GEOTECHNICAL CHARACTERISTICS OF SITE
 - PROOF ROLLING OF SUBGRADE
 - MAXIMUM LIFT THICKNESS
 - MINIMUM DENSITY
 - ALLOWABLE MOISTURE CONTENT
 - ESTIMATED AMENDMENT RATE FOR TREATED SUBGRADE
 - PC AND ASPHALTIC CONCRETE PAVING MATERIALS
 - SUBGRADE MATERIAL (TREATED OR AGGREGATE) AND POSSIBLE SUBSTITUTIONS
 - LIMITS OF LIGHT DUTY, HEAVY DUTY, AND EXTRA HEAVY DUTY PAVING SECTIONS SHALL BE AS SPECIFIED ON THE PLANS.

02 PAVING SECTION - REINFORCED CONCRETE
SCALE: AS SHOWN

01 PAVING SECTION
SCALE: AS SHOWN

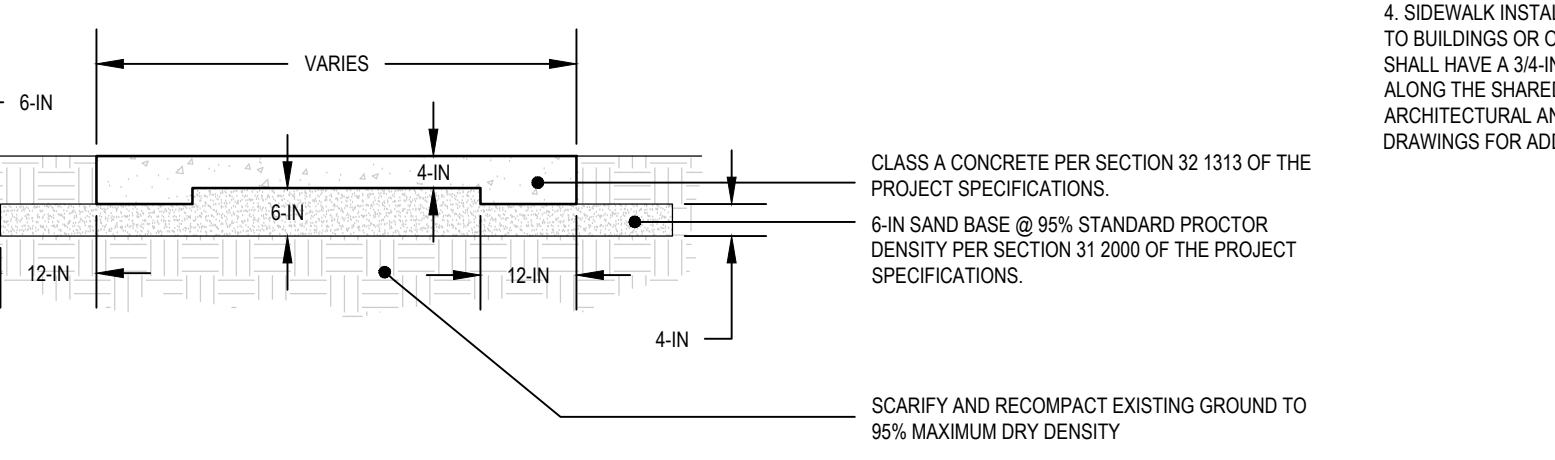


09 ACCESSIBLE SPACE PAVEMENT MARKING
SCALE: AS SHOWN

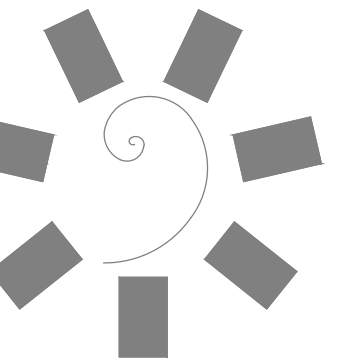


- GENERAL NOTES:
- MAXIMUM SPACING OF 1\"/>

03 CONCRETE SIDEWALK
SCALE: AS SHOWN

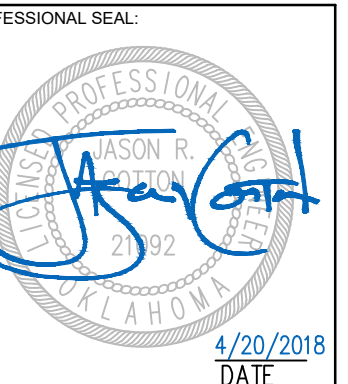


03 CONCRETE SIDEWALK
SCALE: AS SHOWN



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TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

DATE: 04.20.2018 JOB NUMBER: 17-06

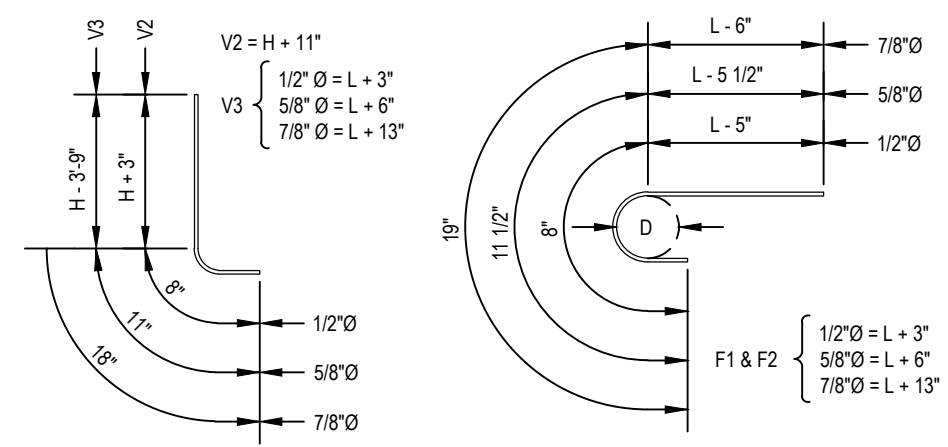
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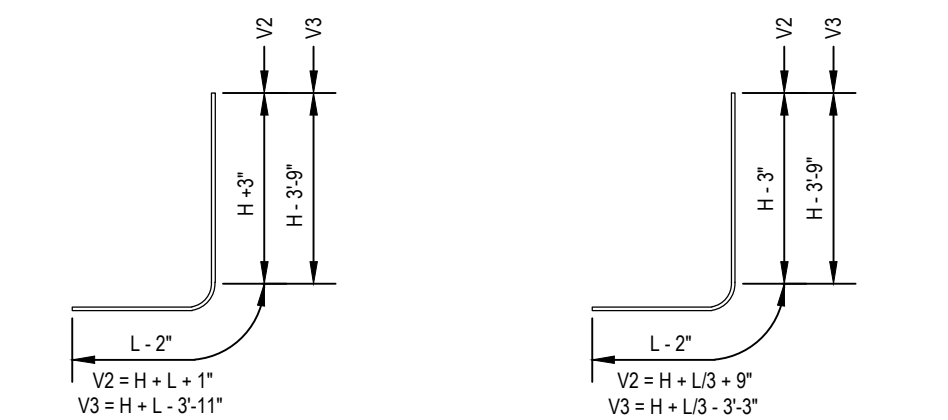
CIVIL CONSTRUCTION DETAILS

GENERAL NOTES:

- REFER TO PLANS FOR SPECIFIC INFORMATION REGARDING WALL TYPE AND DESIGN NUMBER.



TYPES IA, IB, AND IC

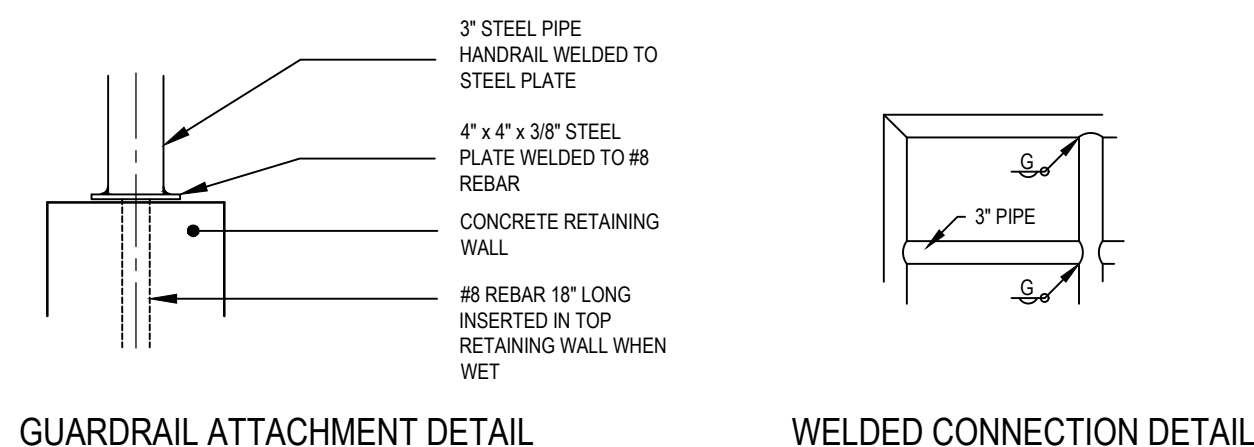


TYPES IIA, IIB, AND IIC

TYPES IIIA, IIIB, AND IIIC

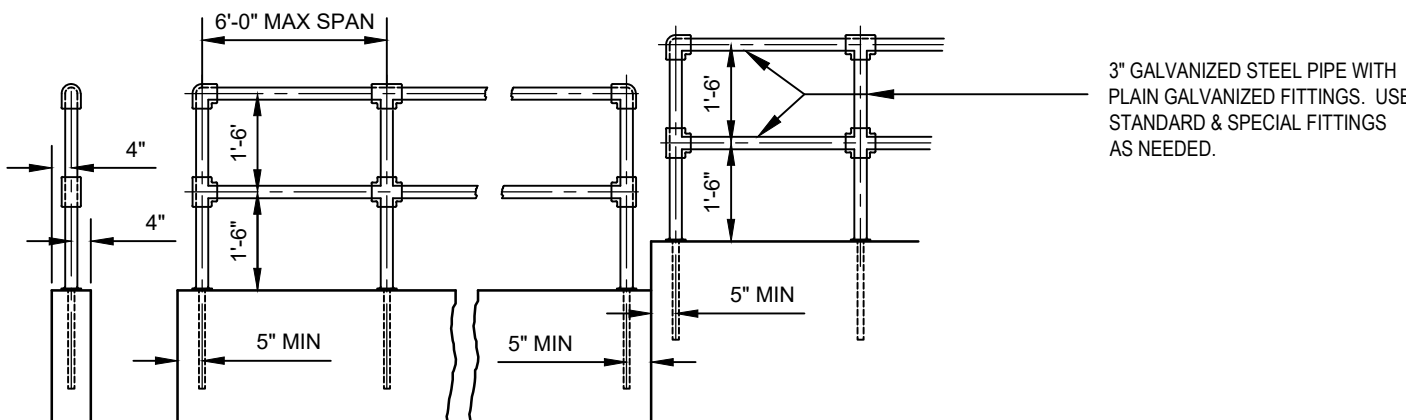
GENERAL NOTES:

- GUARDRAIL SHALL BE PLACED ON RETAINING WALLS ONLY WHEN CALLED FOR ON THE PLANS.
- WELDED CONNECTIONS MAY BE USED FOR PIPE GUARDRAILS. WELDED CONNECTIONS SHALL BE THOROUGHLY CLEANED OF ALL LOOSE SCALE, GROUND SMOOTH AND SPOT PAINTED WITH TWO COATS OF ALUMINUM PAINT.
- SHOP DETAILS FOR ALL PIPE GUARDRAILS SHALL BE SUBMITTED FOR APPROVAL.



GUARDRAIL ATTACHMENT DETAIL

WELDED CONNECTION DETAIL



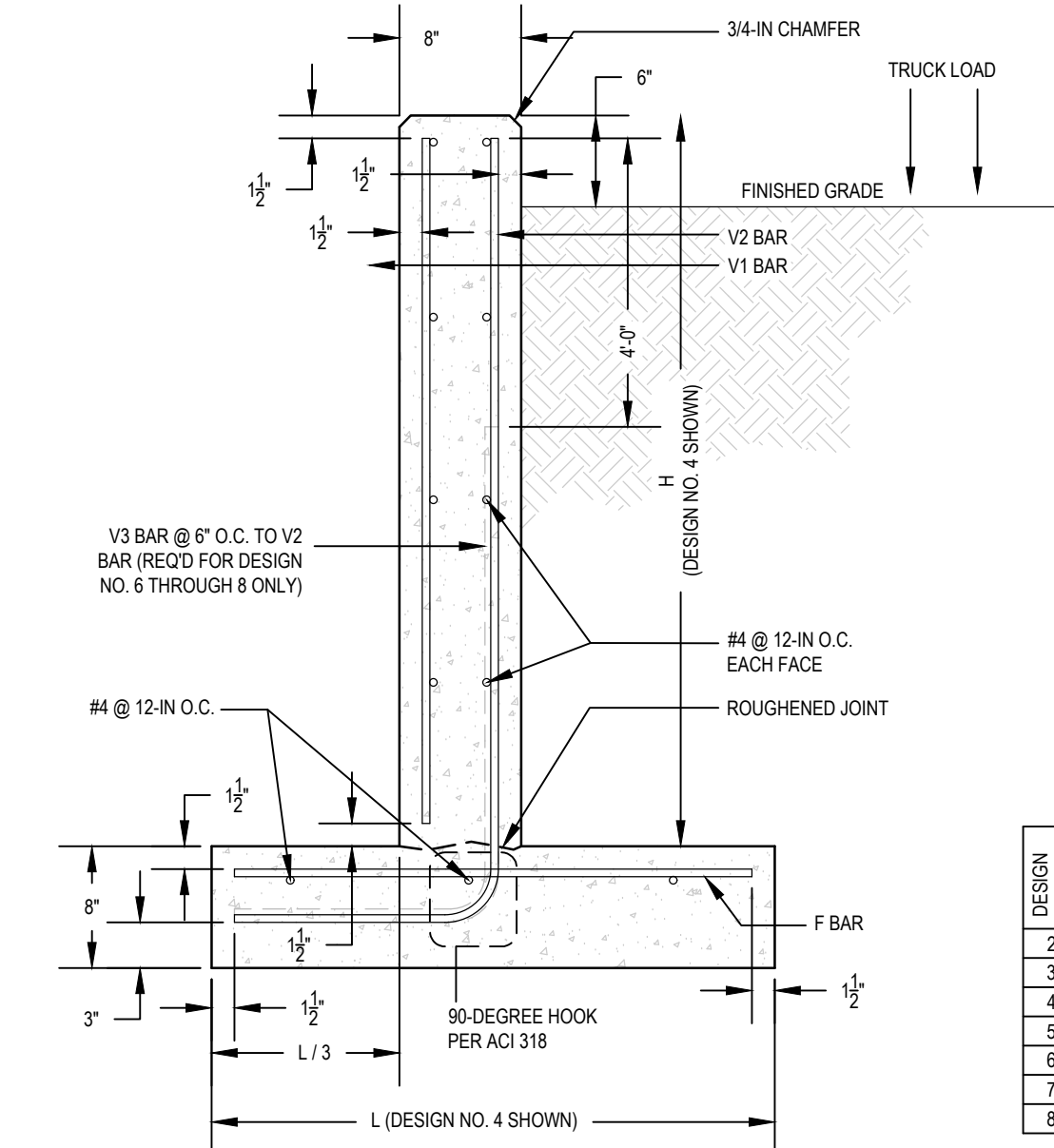
GUARDRAIL ELEVATION - TYPICAL

GENERAL NOTES:

- RETAINING WALL CONSTRUCTION DETAILS HAVE BEEN PROVIDED UNDER MULTIPLE DETAIL NUMBERS. THE CONTRACTOR SHALL REVIEW THE FOLLOWING ADDITIONAL DETAILS PRIOR TO PRICING OR CONSTRUCTION.

- GENERAL WALL CONSTRUCTION NOTES AND DETAILS (01 / C9.20).
- TYPICAL CORNER REINFORCEMENT (02 / C9.20).

DESIGN NUMBER	H	L	F BAR SIZE SPC.	V1 BAR SIZE SPC.	V2 BAR SIZE SPC.	V3 BAR SIZE SPC.
2	2'-0"	2'-0"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"	-----
3	3'-0"	2'-5"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"	-----
4	4'-0"	3'-1"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"	-----
5	5'-0"	3'-9"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"	-----
6	6'-0"	4'-4"	5/8" @ 12"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"
7	7'-0"	4'-11"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"	5/8" @ 12"
8	8'-0"	5'-7"	1/2" @ 12"	1/2" @ 12"	1/2" @ 12"	7/8" @ 12"

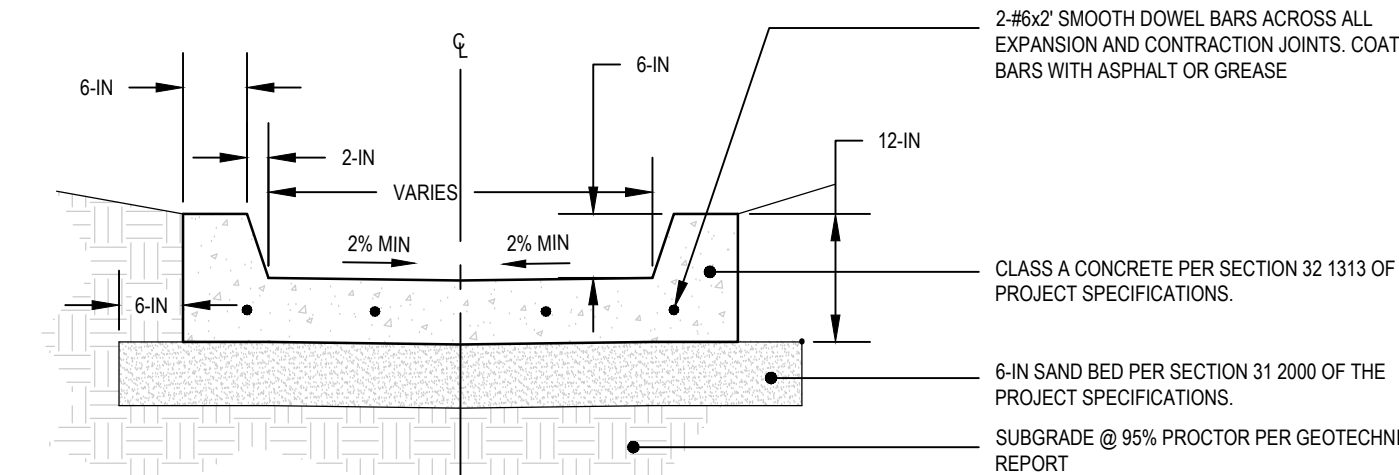


09 RETAINING WALL - TYPE IIIB

SCALE: AS SHOWN

NOTES:

- CONTRACTOR SHALL PROVIDE CONTRACTION JOINTS @ 20-FT O.C. AND EXPANSION JOINTS @ 100-FT O.C.
- A MINIMUM OF 24-IN SOLID SLAB SOD SHALL BE PROVIDED ON EITHER SIDE OF CURB FLUME. SODDING TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
- CONTRACTOR RESPONSIBLE FOR REMOVAL OF ALL SILT AND SEDIMENT FROM FLUME PRIOR TO FINAL INSPECTION AND ACCEPTANCE BY OWNER.
- CONTRACTOR RESPONSIBLE FOR PROVIDING DRY, SUITABLE BASE FOR INSTALLATION OF FLUME SUBGRADE.

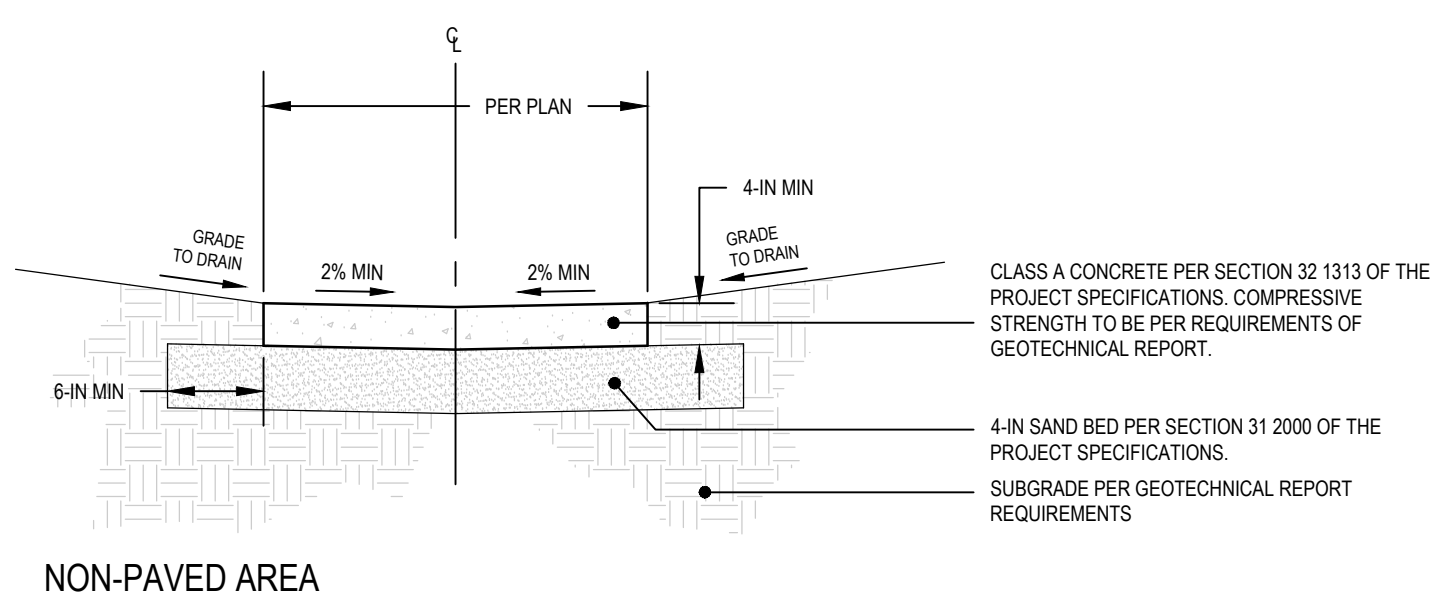


05 CONCRETE FLUME

SCALE: AS SHOWN

NOTES:

- CONTRACTOR SHALL PROVIDE CONTRACTION JOINTS @ 20-FT O.C. AND EXPANSION JOINTS @ 100-FT O.C.
- A MINIMUM OF 24-IN SOLID SLAB SOD SHALL BE PROVIDED ON EITHER SIDE OF TRICKLE CHANNEL. SODDING TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
- CONTRACTOR RESPONSIBLE FOR REMOVAL OF ALL SILT AND SEDIMENT FROM TRICKLE CHANNEL PRIOR TO FINAL INSPECTION AND ACCEPTANCE BY OWNER.
- CONTRACTOR RESPONSIBLE FOR PROVIDING DRY, SUITABLE BASE FOR INSTALLATION OF TRICKLE CHANNEL SUBGRADE.



NON-PAVED AREA

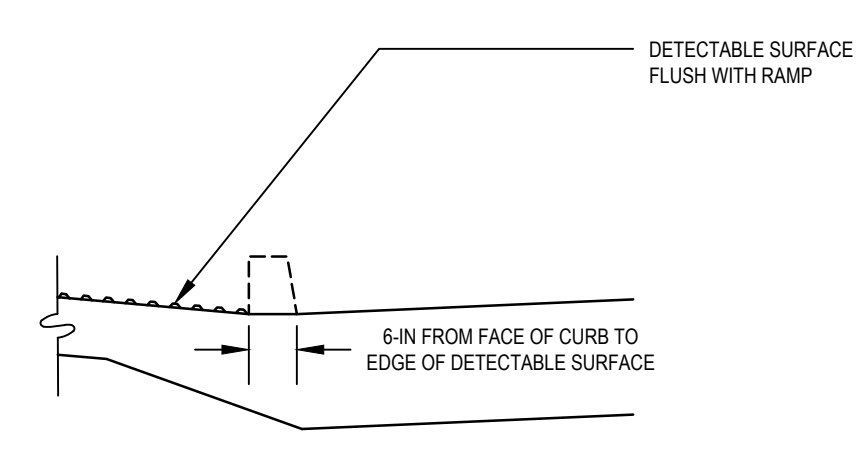
PAVED AREA

04 CONCRETE TRICKLE CHANNEL

SCALE: AS SHOWN

DETECTABLE TRUNCATED DOME SPECIFICATIONS:

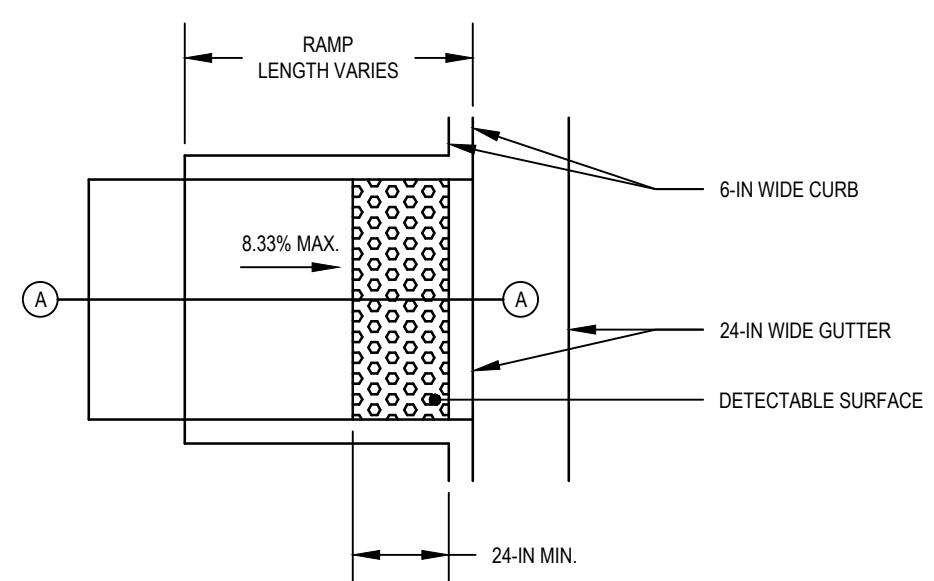
- BOTTOM DIAMETER OF 0.9-IN.
- TOP DIAMETER OF 0.4-IN.
- HEIGHT OF 0.2-IN.
- CENTER-TO-CENTER SPACING OF 1.6-IN TO 2.4-IN.
- VISUAL CONTRAST.
- DETECTABLE WARNING SURFACE SHALL EXTEND FROM EDGE TO EDGE OF WALKWAY ENTERING THE CROSSWALK, AT STREET LEVEL.



SECTION A-A

DETECTABLE TRUNCATED DOME SPECIFICATIONS:

- BOTTOM DIAMETER OF 0.9-IN.
- TOP DIAMETER OF 0.4-IN.
- HEIGHT OF 0.2-IN.
- CENTER-TO-CENTER SPACING OF 1.6-IN TO 2.4-IN.
- VISUAL CONTRAST.
- DETECTABLE WARNING SURFACE SHALL EXTEND FROM EDGE TO EDGE OF WALKWAY ENTERING THE CROSSWALK, AT STREET LEVEL.



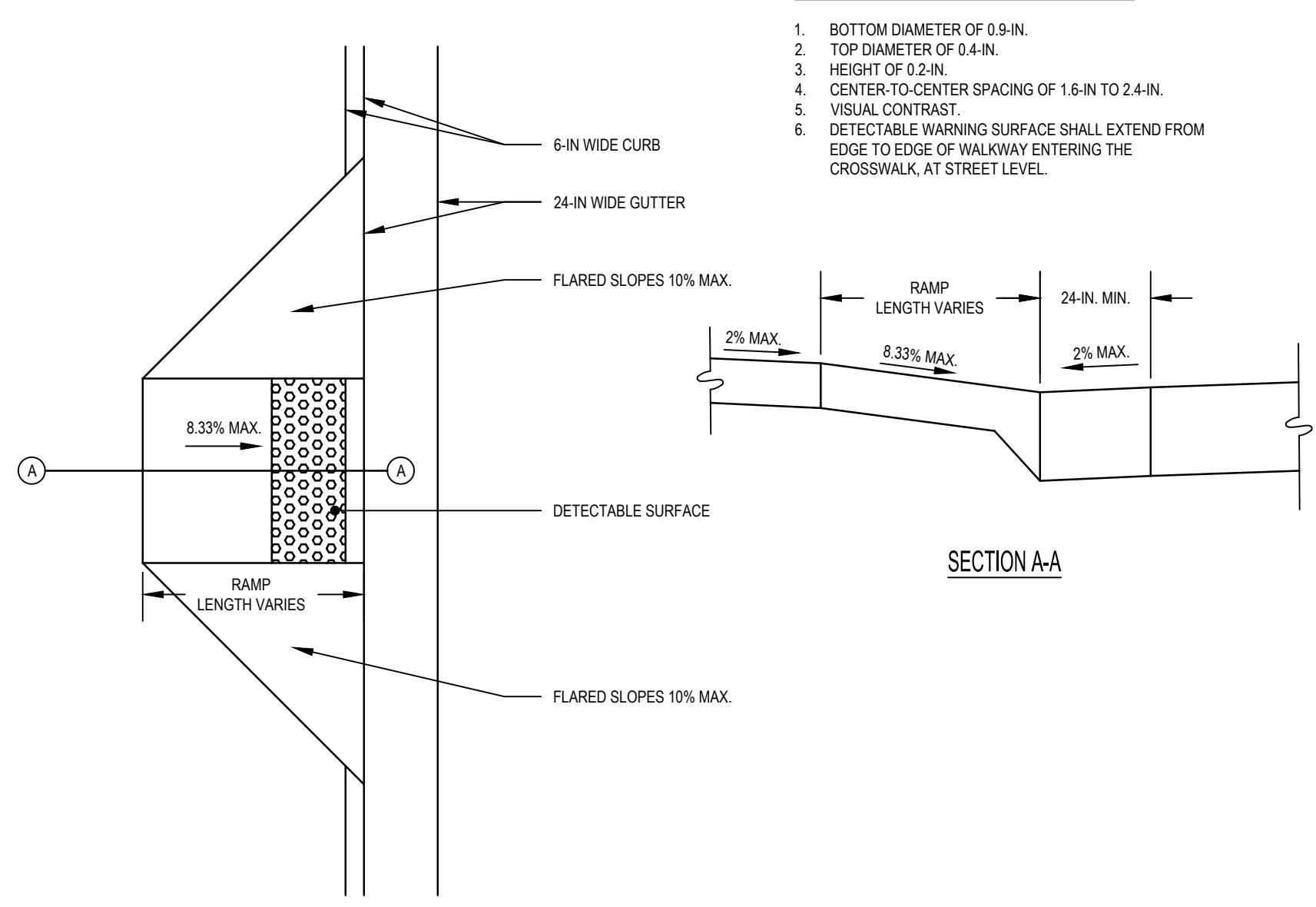
SECTION A-A

01 SIDEWALK RAMP (TYPE A)

SCALE: AS SHOWN

DETECTABLE TRUNCATED DOME SPECIFICATIONS:

- BOTTOM DIAMETER OF 0.9-IN.
- TOP DIAMETER OF 0.4-IN.
- HEIGHT OF 0.2-IN.
- CENTER-TO-CENTER SPACING OF 1.6-IN TO 2.4-IN.
- VISUAL CONTRAST.
- DETECTABLE WARNING SURFACE SHALL EXTEND FROM EDGE TO EDGE OF WALKWAY ENTERING THE CROSSWALK, AT STREET LEVEL.



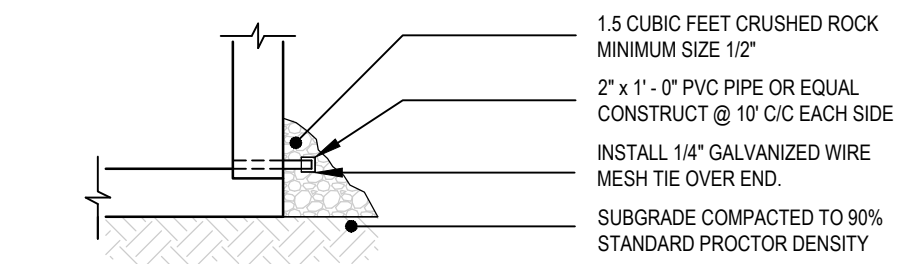
SECTION A-A

02 SIDEWALK RAMP (TYPE B)

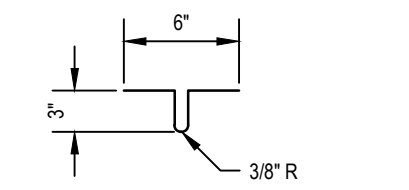
SCALE: AS SHOWN

GENERAL NOTES:

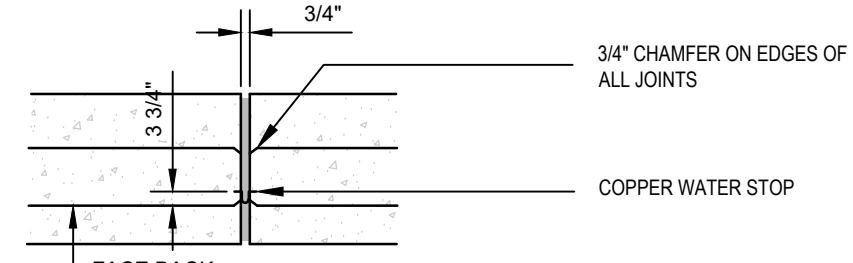
- ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- ALL EXPOSED CONCRETE EDGES SHALL HAVE A 3/4" CHAMFER.
- ALL CONCRETE SHALL BE CLASS AA CONCRETE PER SECTION 32 1313 OF THE PROJECT SPECIFICATIONS.
- EXPANSION JOINTS SHALL BE AT A MAXIMUM OF 30'-0" INTERVALS AND SHALL BE PROVIDED IN ALL LOCATIONS WHERE WALL TERMINATES @ AN ADJACENT BUILDING FOUNDATION SYSTEM. REFER TO STRUCTURAL FOR ADDITIONAL FOUNDATION/JOINT DETAIL.
- ALL REINFORCING STEEL BARS SHALL BE DEFORMED BARS COLD BENT, NO WELDS PERMITTED. ALL EXPOSED CONCRETE SURFACES SHALL HAVE A CARBORUNDUM FINISH. THIS DETAIL ADAPTED FROM O.D.T. RETAINING WALL RW-1.
- COPPER WATER STOP (MINIMUM WEIGHT 18-oz) SHALL BE INSTALLED FULL HEIGHT OF WALL IN ALL VERTICAL EXPANSION JOINTS. CONTRACTOR'S BID SHALL INCLUDE COST OF PRE-MOLDED EXPANSION MATERIAL.
- HANDRAILS SHALL BE PLACED ON RETAINING WALLS ONLY WHEN CALLED FOR ON THE PLANS.
- WELDED CONNECTIONS MAY BE USED FOR PIPE HANDRAILS.
- WELDED CONNECTIONS SHALL BE THOROUGHLY CLEANED OF ALL LOOSE SCALE, GROUND SMOOTH AND SPOT PAINTED WITH TWO COATS OF ALUMINUM PAINT.
- SHOP DETAILS FOR ALL PIPE HANDRAILS SHALL BE SUBMITTED FOR APPROVAL.



DETAIL OF WEEP HOLES AND CONSTRUCTION JOINT



DETAIL OF COPPER WATER STOP



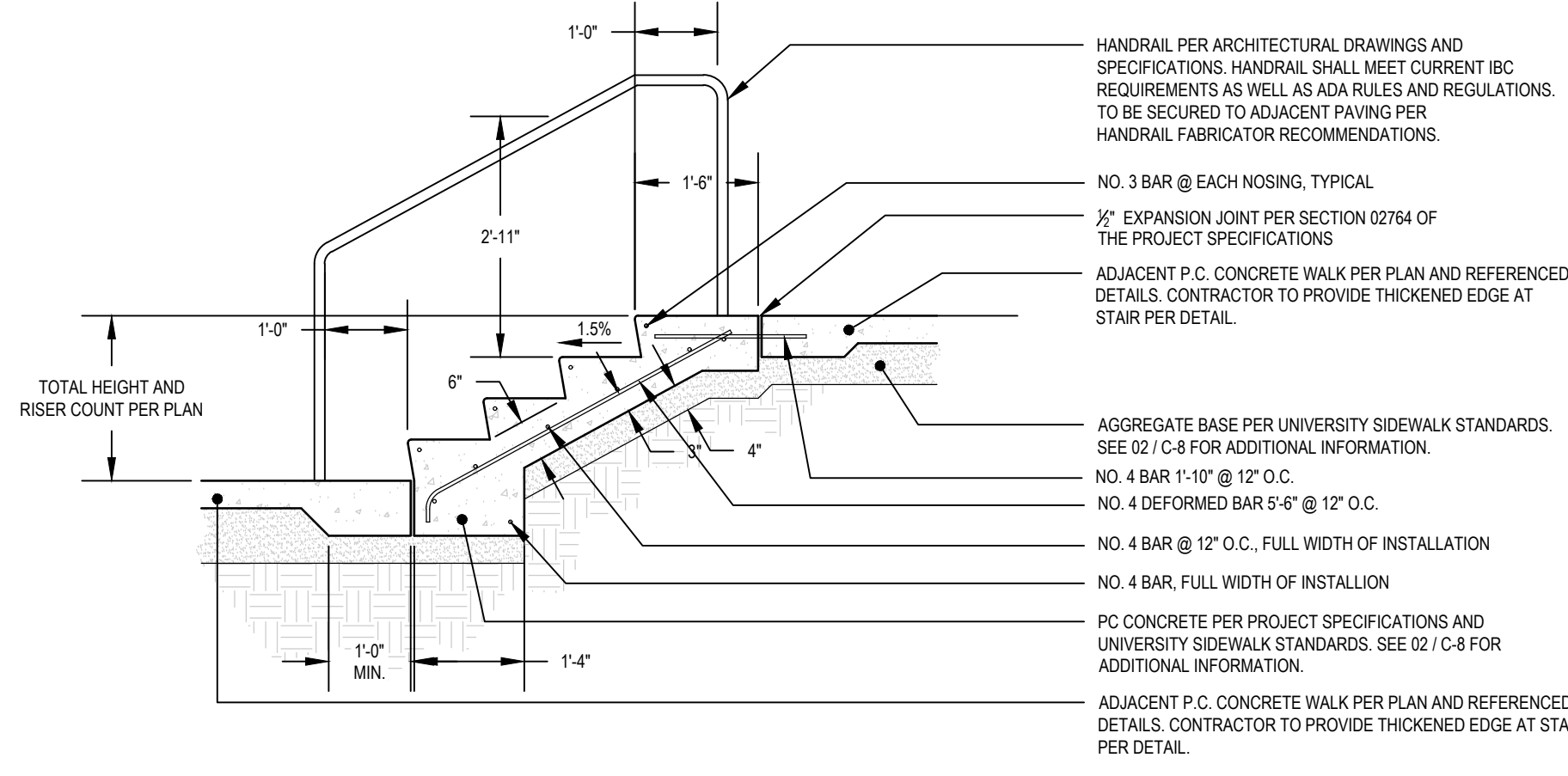
DETAIL OF EXPANSION & CONSTRUCTION JOINT

06 RETAINING WALL - GENERAL CONSTRUCTION NOTES AND DETAILS

SCALE: AS SHOWN

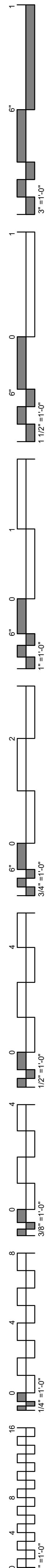
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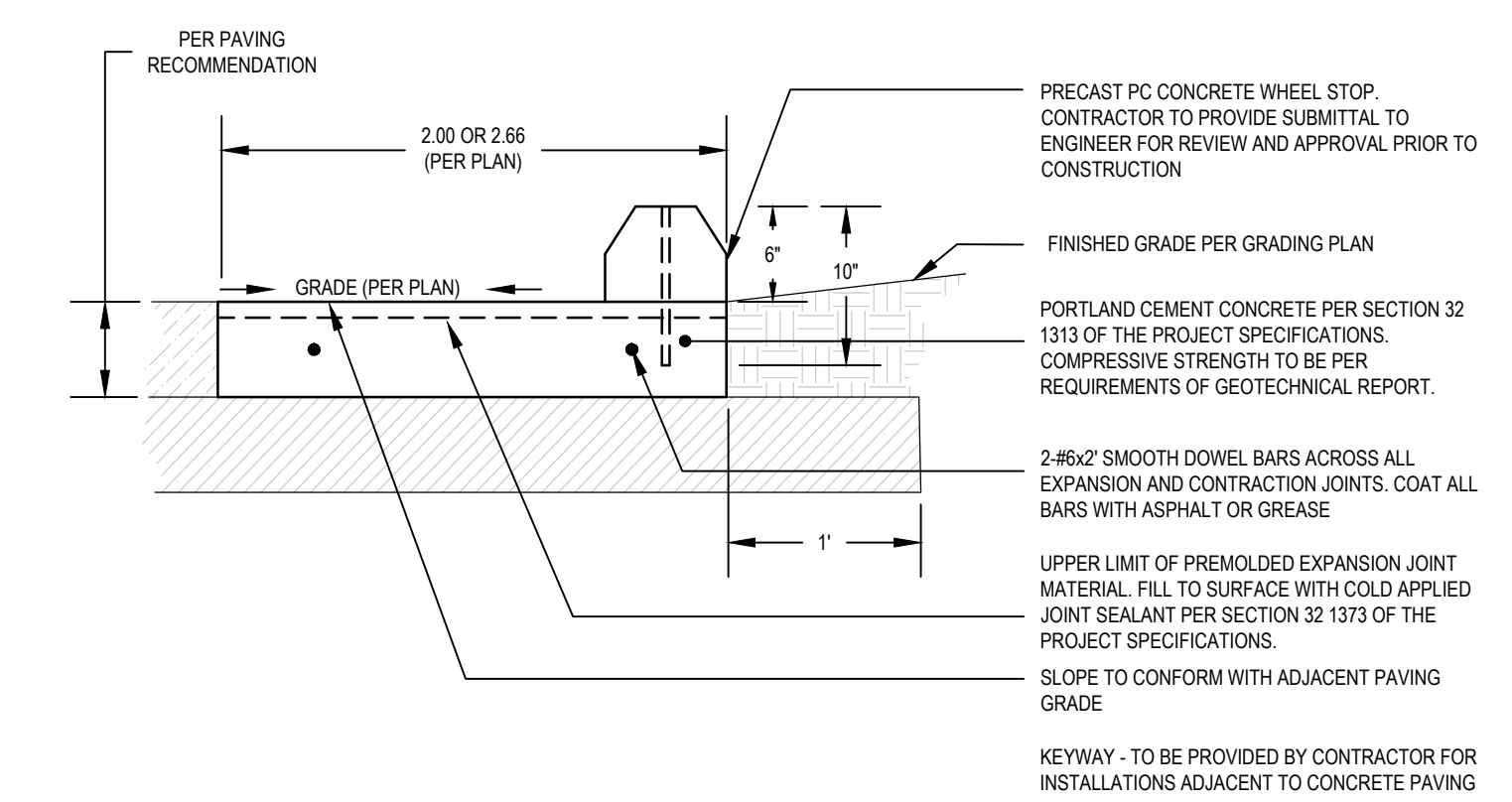
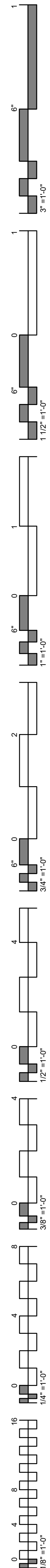
- STEPS IN FLIGHT SHALL HAVE UNIFORM TREAD RUNS AND UNIFORM RISER HEIGHTS WITH TOLERANCE OF ±3/8".
- MINIMUM AND MAXIMUM TREAD WIDTHS AND RISER HEIGHTS SHALL BE PER CURRENT ADA RULES AND REGULATIONS.
- FLIGHTS OF 4 OR MORE STEPS WIDER THAN 60 INCHES SHALL HAVE A CENTER HANDRAIL IN ADDITION TO EACH SIDE.
- REINFORCING STEEL SHALL BE ASTM A615 GR 60.
- ALL EXPOSED CONCRETE SHALL RECEIVE MEDIUM BROOM FINISH UNLESS OTHERWISE NOTED BY ARCHITECT.
- REFER TO PLAN FOR GRADES AT TOP AND BOTTOM OF STAIR AS WELL AS ACTUAL NUMBER OF STAIR RISERS/TREADS.



03 EXTERIOR STAIR & HANDRAIL DETAIL

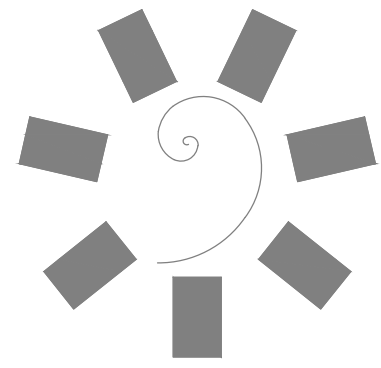
SCALE: 1" = 1'





- GENERAL NOTES:**
1. MAXIMUM SPACING OF 1' EXPANSION JOINTS TO BE 100' C/C WITH 4 CONTRACTION JOINTS 18" TO 22" APART TO MATCH DRIVEWAY RETURNS.

01 6-IN CONCRETE RIBBON CURB
SCALE: AS SHOWN



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**CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO**
TAHLEQUAH, OKLAHOMA

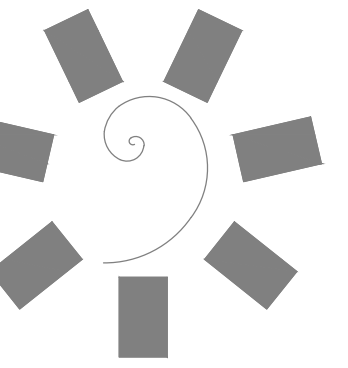
PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

DATE: 04.20.2018 JOB NUMBER: 17-06

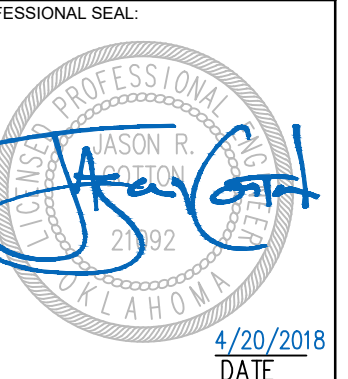
SHEET NUMBER: **C9.15c**

CIVIL CONSTRUCTION DETAILS



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CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

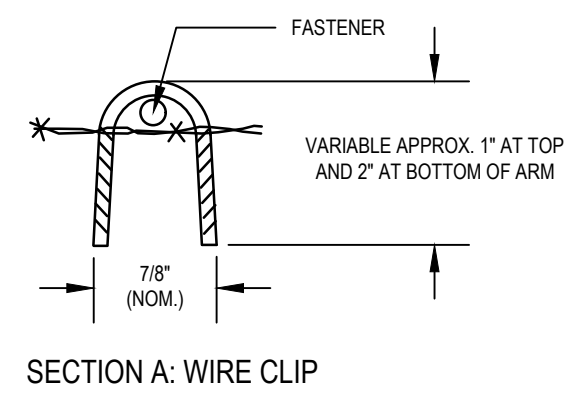
DATE: 04.20.2018

JOB NUMBER: 17-06

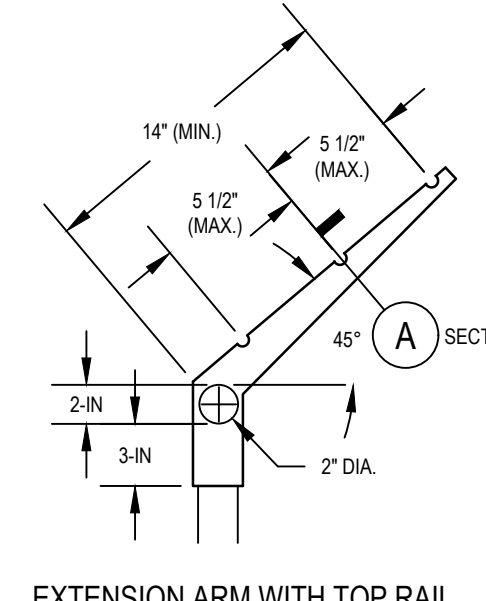
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C9.20c

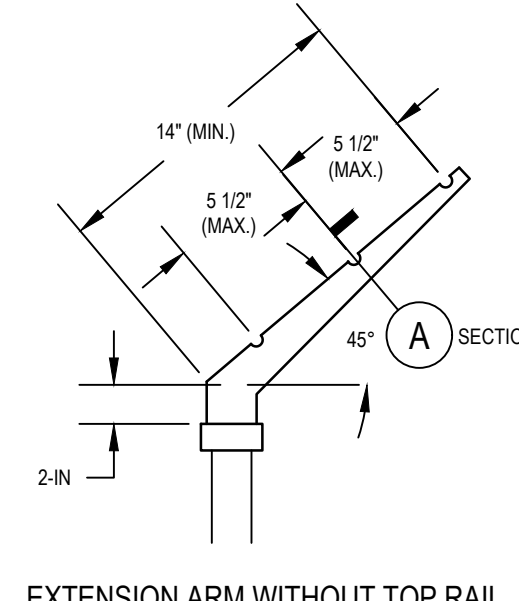
CIVIL CONSTRUCTION DETAILS



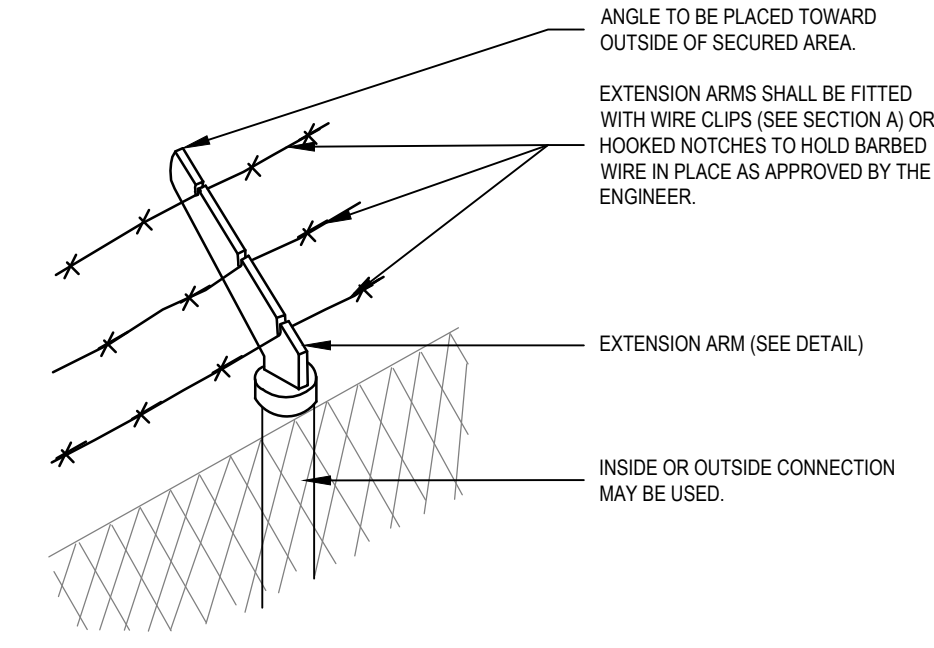
SECTION A: WIRE CLIP



EXTENSION ARM WITH TOP RAIL

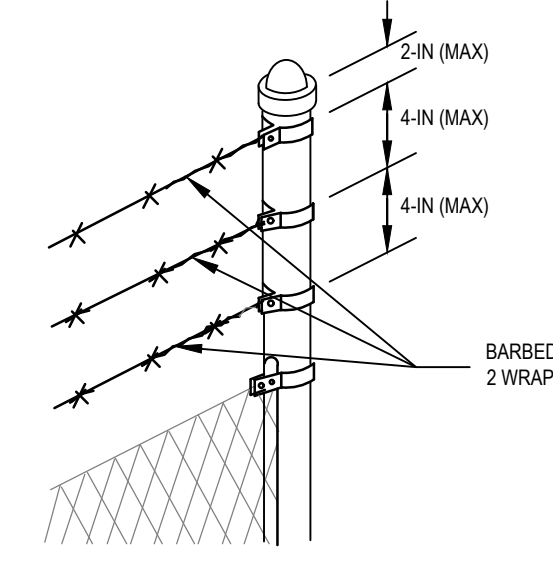


EXTENSION ARM WITHOUT TOP RAIL



ANGULAR CLIMB BARRIER FOR LINE POST

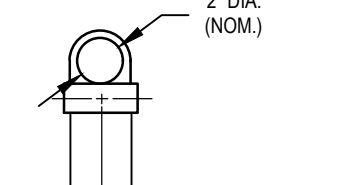
TYPE B FENCING: ANGULAR CLIMB BARRIER



TERMINATION AT END AND GATE POSTS

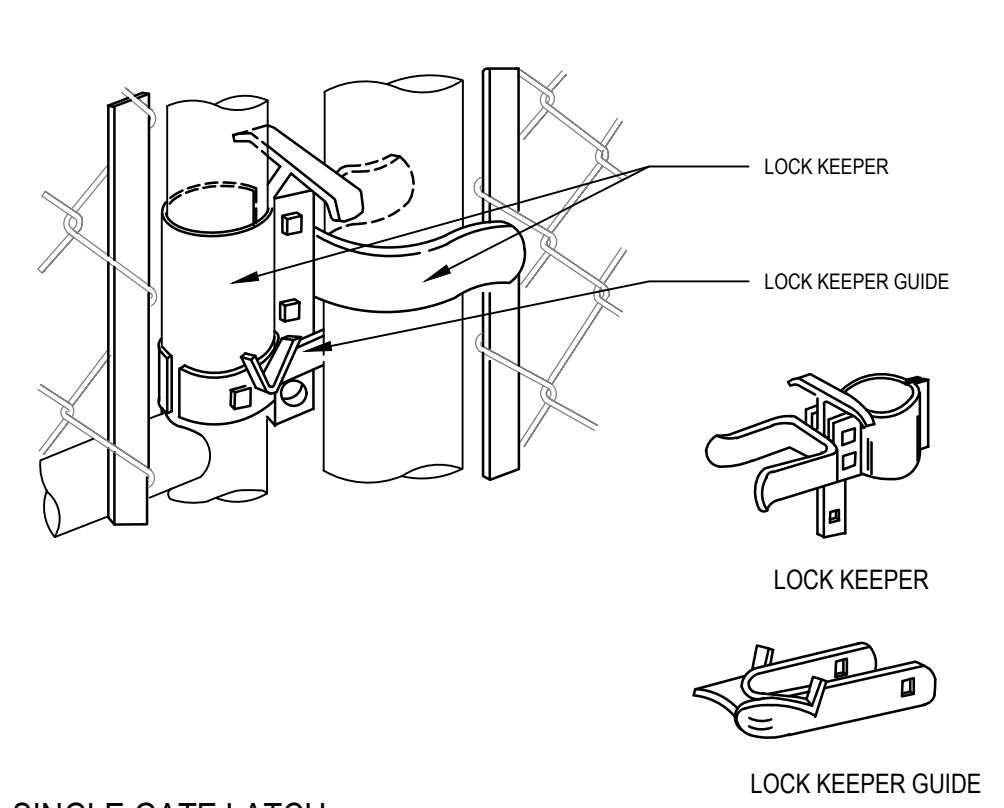
TYPE C FENCING: VERTICAL CLIMB BARRIER

SCALE: AS SHOWN



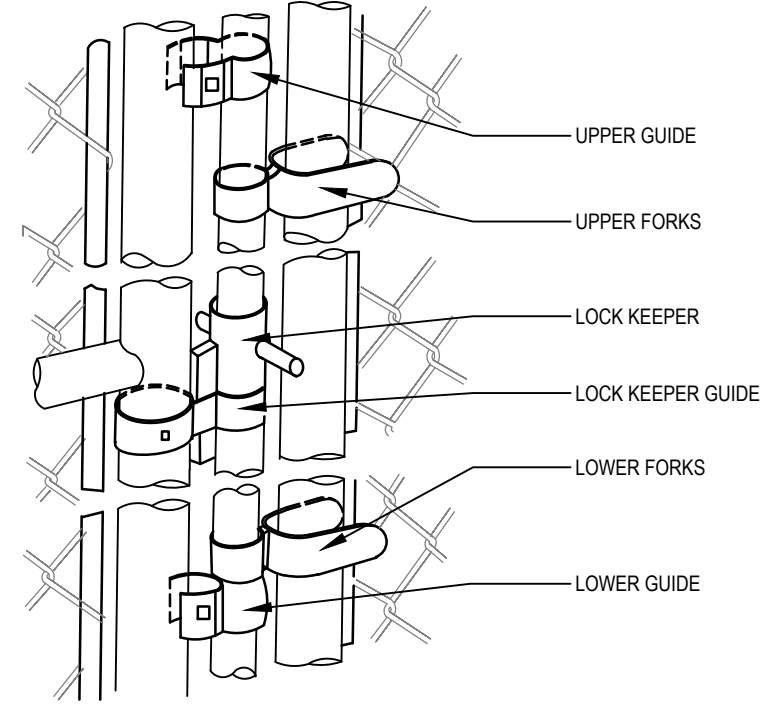
TYPE A FENCING: NO CLIMB BARRIER

SCALE: AS SHOWN



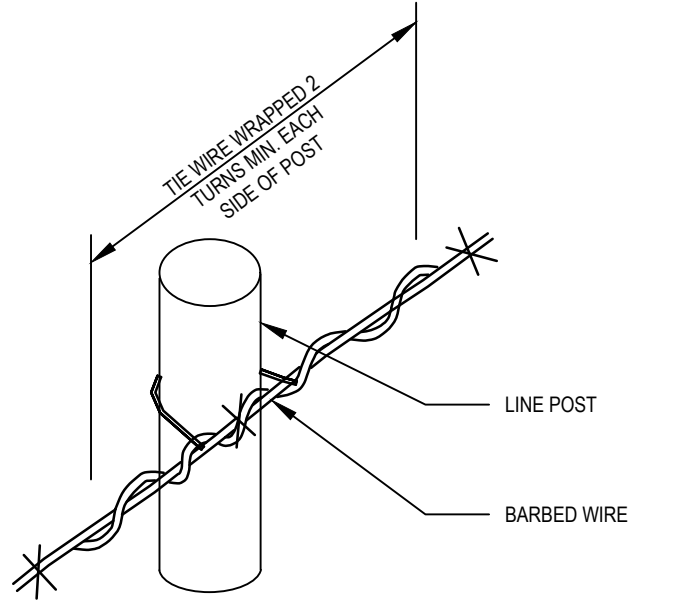
SINGLE GATE LATCH

SCALE: AS SHOWN



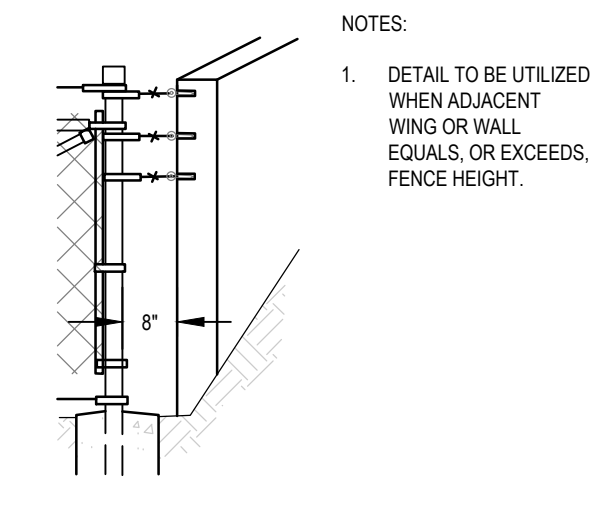
DOUBLE GATE LATCH

SCALE: AS SHOWN



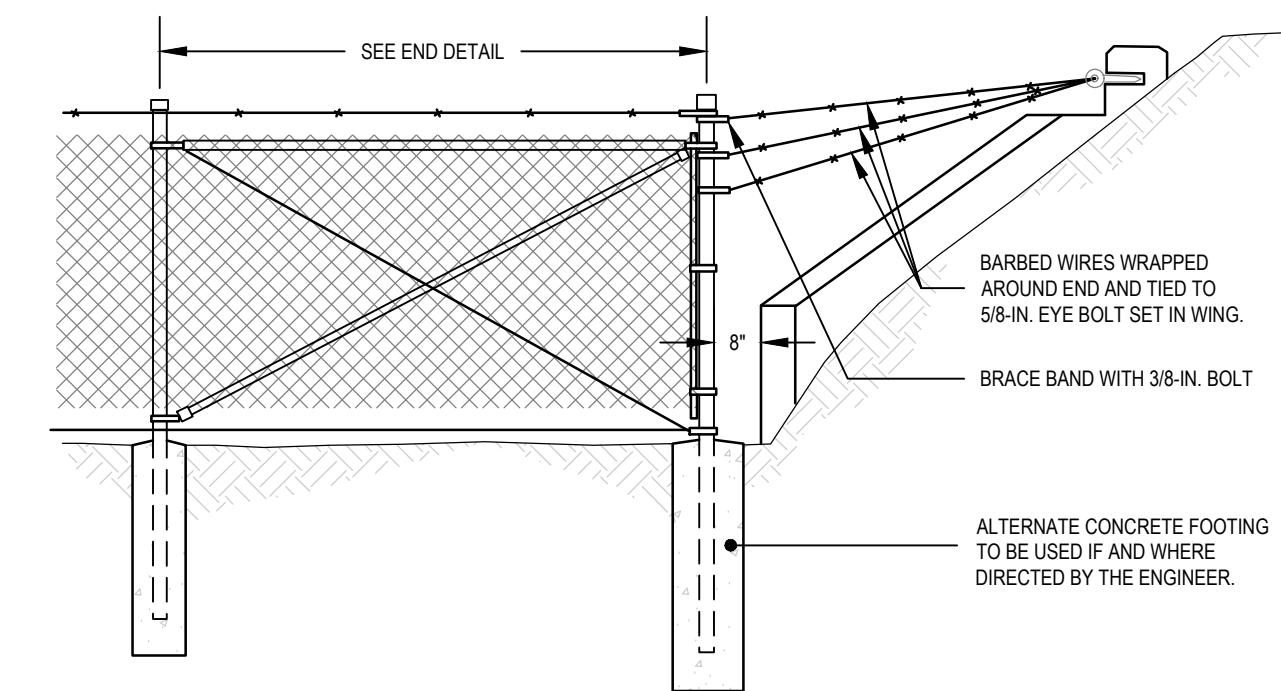
TIE WIRE DETAIL

SCALE: AS SHOWN



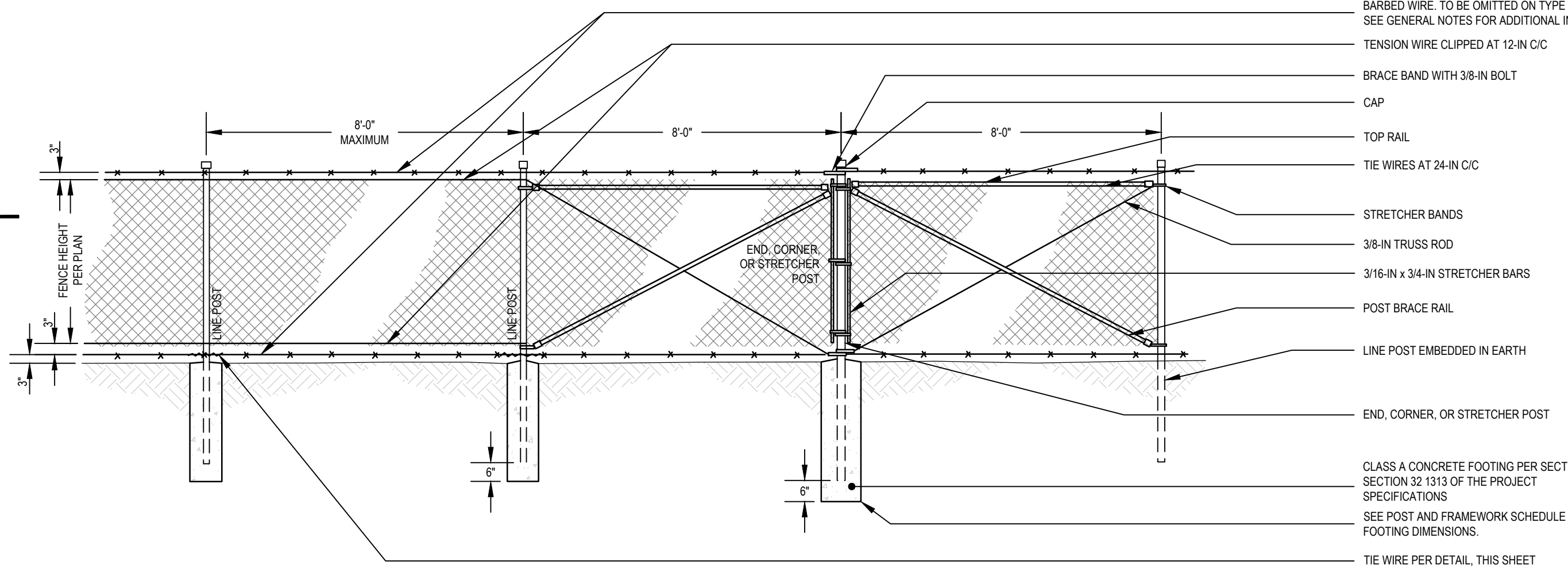
ATTACHMENT OPTION - FULL HEIGHT WING/WALL

SCALE: AS SHOWN



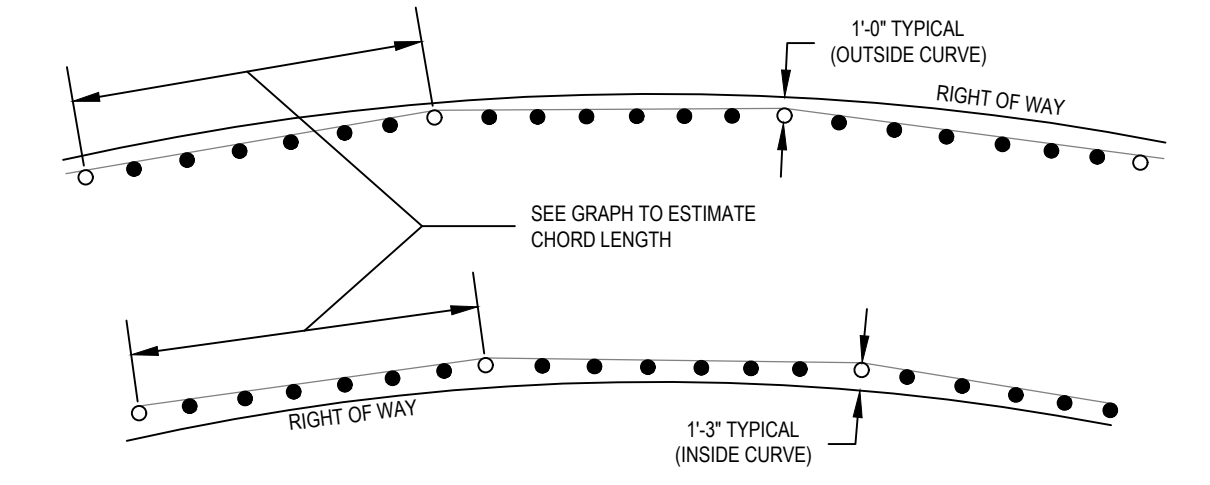
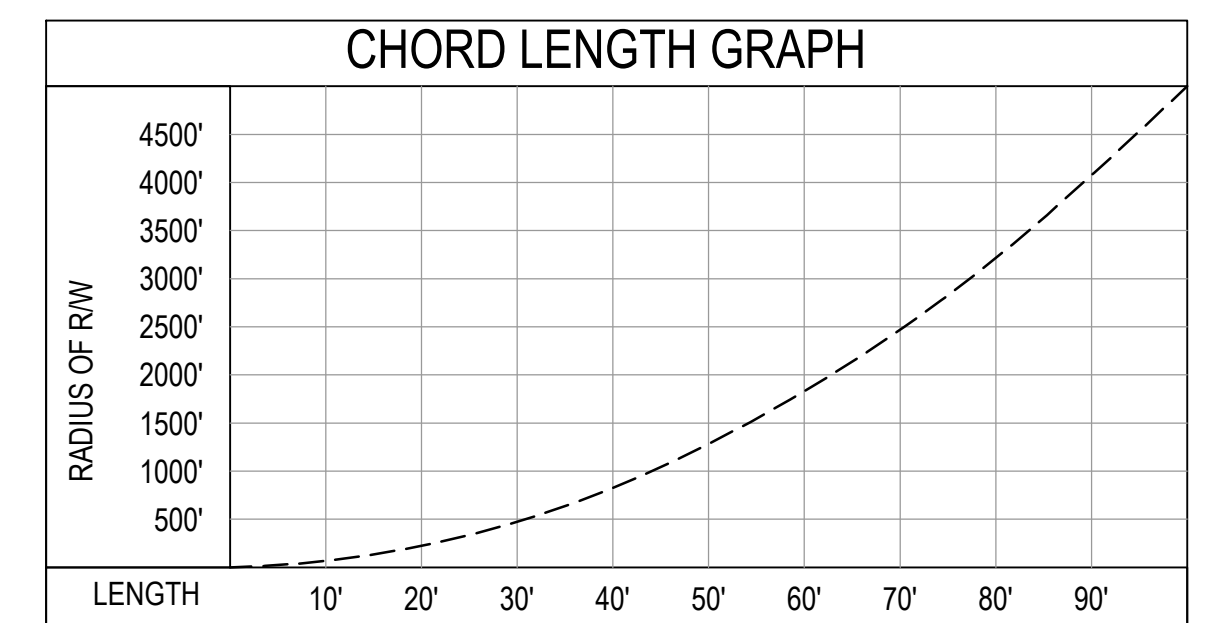
ELEVATION CULVERT CONNECTION

SCALE: AS SHOWN



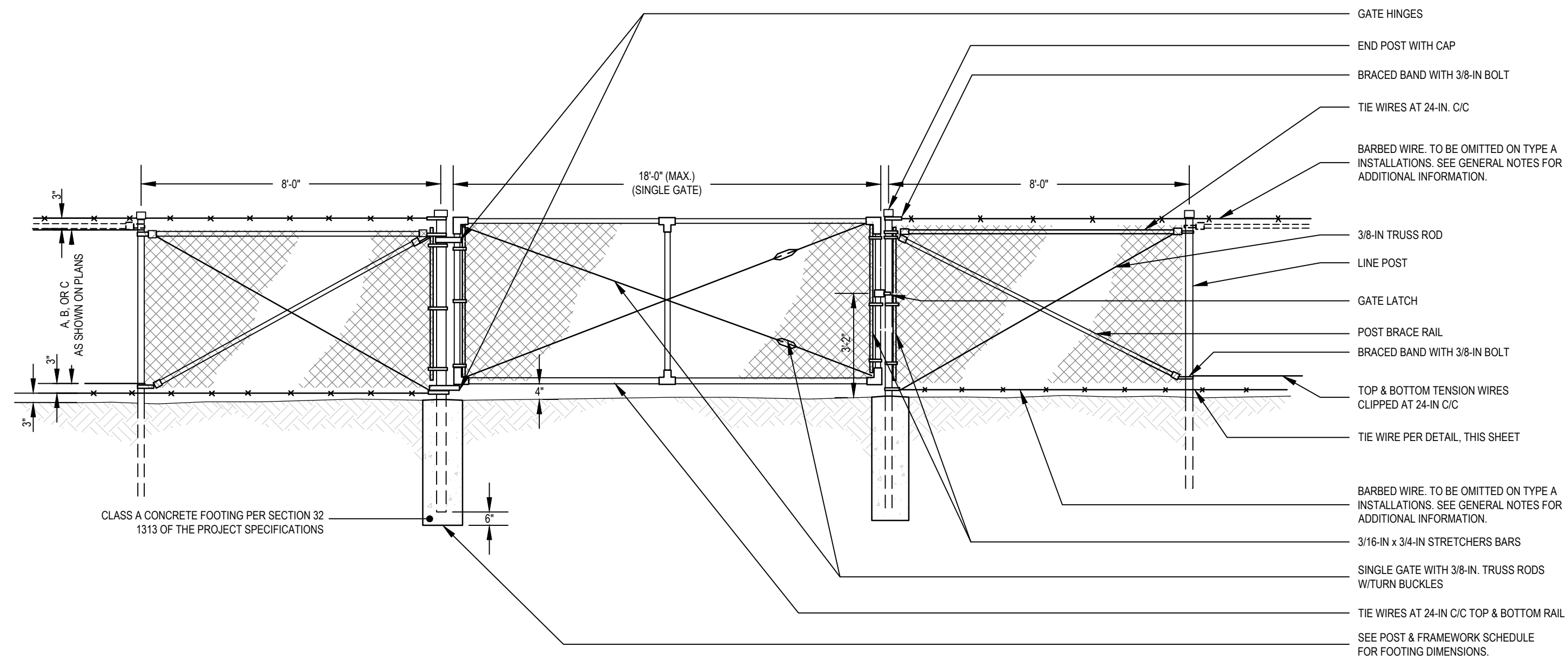
ELEVATION: FENCING

SCALE: AS SHOWN



TYPICAL PLACEMENT FOR FENCE ALONG CURVES (RIGHT OF WAY RADIUS LESS THAN 5000')

SCALE: AS SHOWN



ELEVATION: GATE

SCALE: AS SHOWN

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH SECTION 32 3113 OF THE PROJECT SPECIFICATIONS.
- FENCE TYPE SHALL BE AS SPECIFIED ON THE PLANS AND PER THE FOLLOWING SCHEDULE:
- WHERE FENCE CLASS HAS BEEN SPECIFIED WITH VERTICAL CLIMB BARRIER (TYPE B OR C), COST OF BARBED WIRE AND ASSOCIATED APPURTENANCES SHALL BE CONSIDERED INCLUDED IN THE SUBMITTED BID PRICE.
- FOR TYPE A INSTALLATIONS, THE BOTTOM AND TOP BARBED WIRE SHALL BE OMITTED. FENCE FABRIC TO BE INSTALLED 1-M CLEAR FROM GROUND LINE ACROSS ENTIRE INSTALLATION.
- ALL MISCELLANEOUS HARDWARE SHALL BE FURNISHED GALVANIZED OR ALUMINUM ALLOY.
- CLIMB BARRIER SHOWN INTENDED ONLY TO SHOW AN ACCEPTABLE TYPE. ALTERNATE CLIMB BARRIERS APPROVED BY THE ENGINEER PRIOR TO INSTALLATION MAY BE USED. FENCE POST EXTENSION ARM SHALL BE MADE OF PRESSED STEEL OR MALLEABLE IRON AND SHALL BE GALVANIZED AFTER FABRICATION.
- CHAIN LINK FENCE FABRIC MAY BE ACCEPTED KNUCKLED BOTH SELVAGES IN ALL WIDTHS. NO FABRIC WITH TWISTS AND BARBS ON BOTH SELVAGES WILL BE ACCEPTED.
- STRETCHER POSTS TO BE USED IN GENERAL AT HILL TOPS AND AT BOTTOM OF VALLEYS AND AT A MAXIMUM OF 500 FEET APART.
- ALL POSTS WITH THE EXCEPTION OF LINE POSTS, FAN POSTS AND HEADWALL CONNECTION STRETCHER POSTS SHALL BE EMBEDDED IN CONCRETE FOUNDATIONS. OTHER POSTS MAY BE EMBEDDED IN CONCRETE IF AND AS DIRECTED BY THE ENGINEER TO SATISFY SPECIFIC FOOTING REQUIREMENTS.
- TOP RAIL MAY BE USED IN LIEU OF BARBED TOP WIRE, IF APPROVED BY THE ENGINEER. IF TOP RAIL IS USED IN LIEU OF BARBED WIRE THE COST OF TOP RAIL SHALL BE INCLUDED IN THE PRICE BID FOR FENCE.
- GATES WIDER THAN 12'-0" REQUIRE 2 VERTICAL BRACES AT 1/3 POINTS.
- SEE PLANS FOR SIZE AND LOCATION OF GATES. FOR WIDTH GREATER 18'-0" USE DOUBLE SWING GATES WITH MIDDLE LATCH. OPENING MAY BE UP TO 36'-0" WIDE.
- DIAMETERS PROVIDED ON POST AND FRAMEWORK SCHEDULE ARE MINIMUM VALUES. DEPTHS FOR ROCK ARE MINIMUM VALUES. DEPTHS FOR CONCRETE FOOTINGS ARE MINIMUM VALUES FOR 6'-0" FENCE HEIGHT AND MAY BE REDUCED 3-IN FOR EACH FOOT OF FENCE HEIGHT LESS THAN 6'-0".

POST AND FRAMEWORK SCHEDULE: POSTS

	LINE POST	END, CORNER, OR STRETCHER POST	GATE POST	6-FT WIDE AND LESS	OVER 6-FT TO 12-FT IN WIDTH	OVER 12-FT TO 18-FT IN WIDTH
OUTSIDE DIAMETER	1.9-IN	2.375-IN	2.875-IN	4.000-IN	5.563-IN	5.563-IN
WALL THICKNESS	0.145-IN	0.154-IN	0.203-IN	0.226-IN	0.258-IN	0.258-IN
UNIT WEIGHT	2.72-LBS / LF	3.65-LBS / LF	5.79-LBS / LF	9.11-LBS / LF	14.63-LBS / LF	14.63-LBS / LF
LENGTH FOR GIVEN FABRICATION HEIGHT	4-FT FOOTING: 6'-10" DRIVEN: 7'-4"	FOOTING: 7'-4"	FOOTING: 7'-4"		FOOTING: 7'-10"	
	5-FT FOOTING: 8'-10" DRIVEN: 8'-7"	FOOTING: 8'-7"	FOOTING: 8'-7"		FOOTING: 9'-1"	
	6-FT FOOTING: 9'-4" DRIVEN: 9'-10"	FOOTING: 9'-10"	FOOTING: 9'-10"		FOOTING: 10'-4"	
	7-FT FOOTING: 10'-7" DRIVEN: 11'-1"	FOOTING: 11'-2"	FOOTING: 11'-2"		FOOTING: 11'-7"	
	8-FT FOOTING: 11'-10" DRIVEN: 12'-4"	FOOTING: 12'-4"	FOOTING: 12'-4"		FOOTING: 12'-10"	
	4-FT FOOTING: 24" DRIVEN: 30"	FOOTING: 30"	FOOTING: 30"		FOOTING: 36"	
	5-FT FOOTING: 27" DRIVEN: 33"	FOOTING: 33"	FOOTING: 33"		FOOTING: 39"	
	6-FT FOOTING: 30" DRIVEN: 36"	FOOTING: 36"	FOOTING: 36"		FOOTING: 42"	
EMBEDMENT FOR GIVEN FABRICATION HEIGHT	7-FT FOOTING: 33" DRIVEN: 39"	FOOTING: 39"	FOOTING: 39"		FOOTING: 45"	
	8-FT FOOTING: 36" DRIVEN: 42"	FOOTING: 42"	FOOTING: 42"		FOOTING: 48"	
FOOTING DIAMETER (EARTH)	9-IN	9-IN	12-IN	16-IN	18-IN	18-IN
FOOTING DEPTH (EARTH)	FOOTING EMBEDMENT FOR GIVEN FABRICATION HEIGHT + 6-IN					
FOOTING DIAMETER (ROCK)	4-IN	4-IN	5-IN	6-IN	8-IN	8-IN
FOOTING DEPTH (ROCK)	9-IN	9-IN	12-IN	16-IN	24-IN	24-IN

POST AND FRAMEWORK SCHEDULE: TOP RAIL AND GATE FRAMES

	TOP RAIL OR POST BRACE RAIL	GATE FRAMES			
		6-FT WIDE AND LESS	OVER 6-FT TO 12-FT IN WIDTH	OVER 12-FT TO 18-FT IN WIDTH	OVER 12-FT TO 18-FT IN WIDTH
OUTSIDE DIAMETER	1.66-IN	1.66-IN	1.9-IN	1.9-IN	1.9-IN
WALL THICKNESS	0.111-IN	0.111-IN	0.120-IN	0.145-IN	0.145-IN
UNIT WEIGHT	1.84-LBS / LF	1.84-LBS / LF	2.28-LBS / LF	2.72-LBS / LF	2.72-LBS / LF

SCALE: AS SHOWN