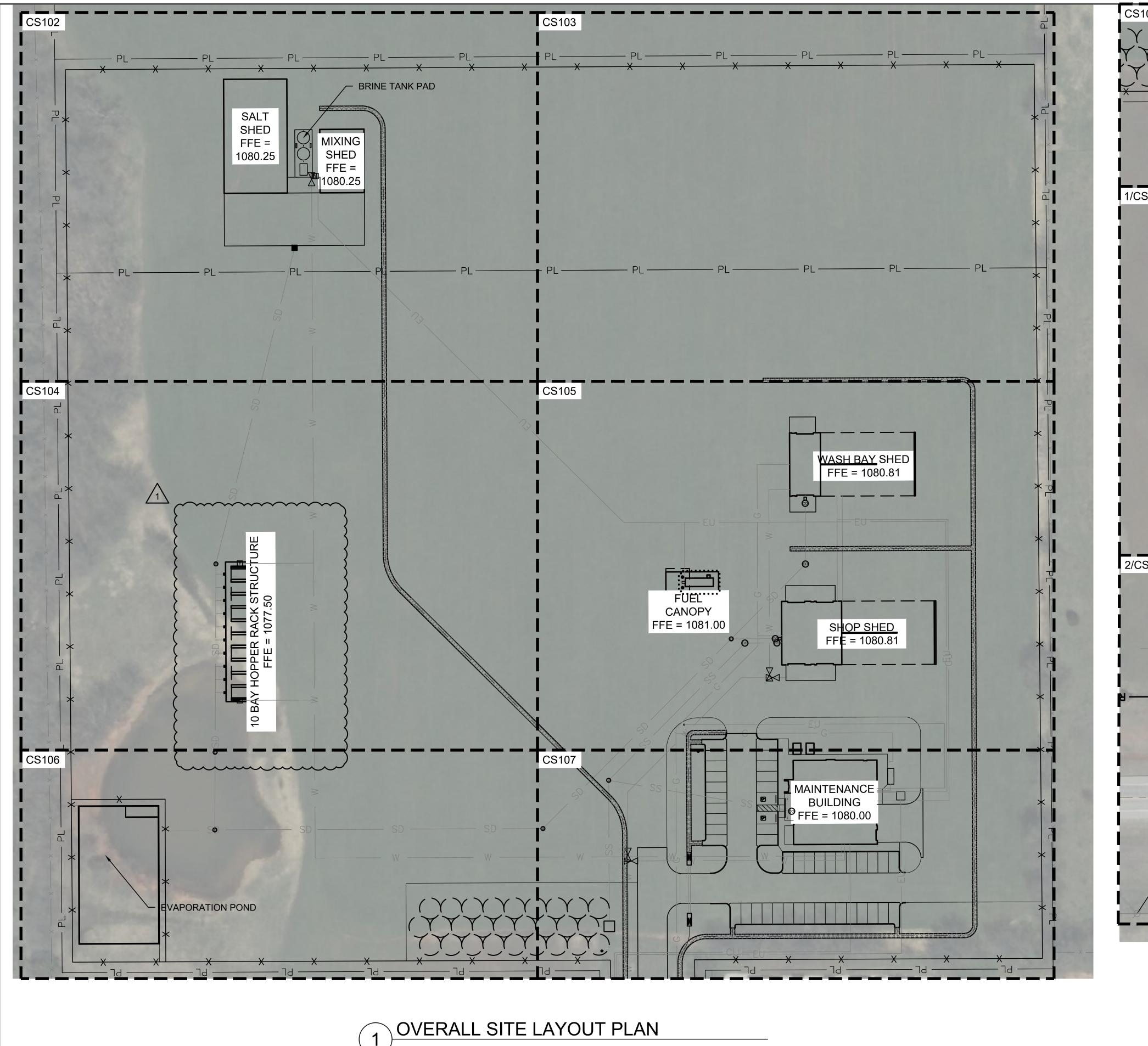
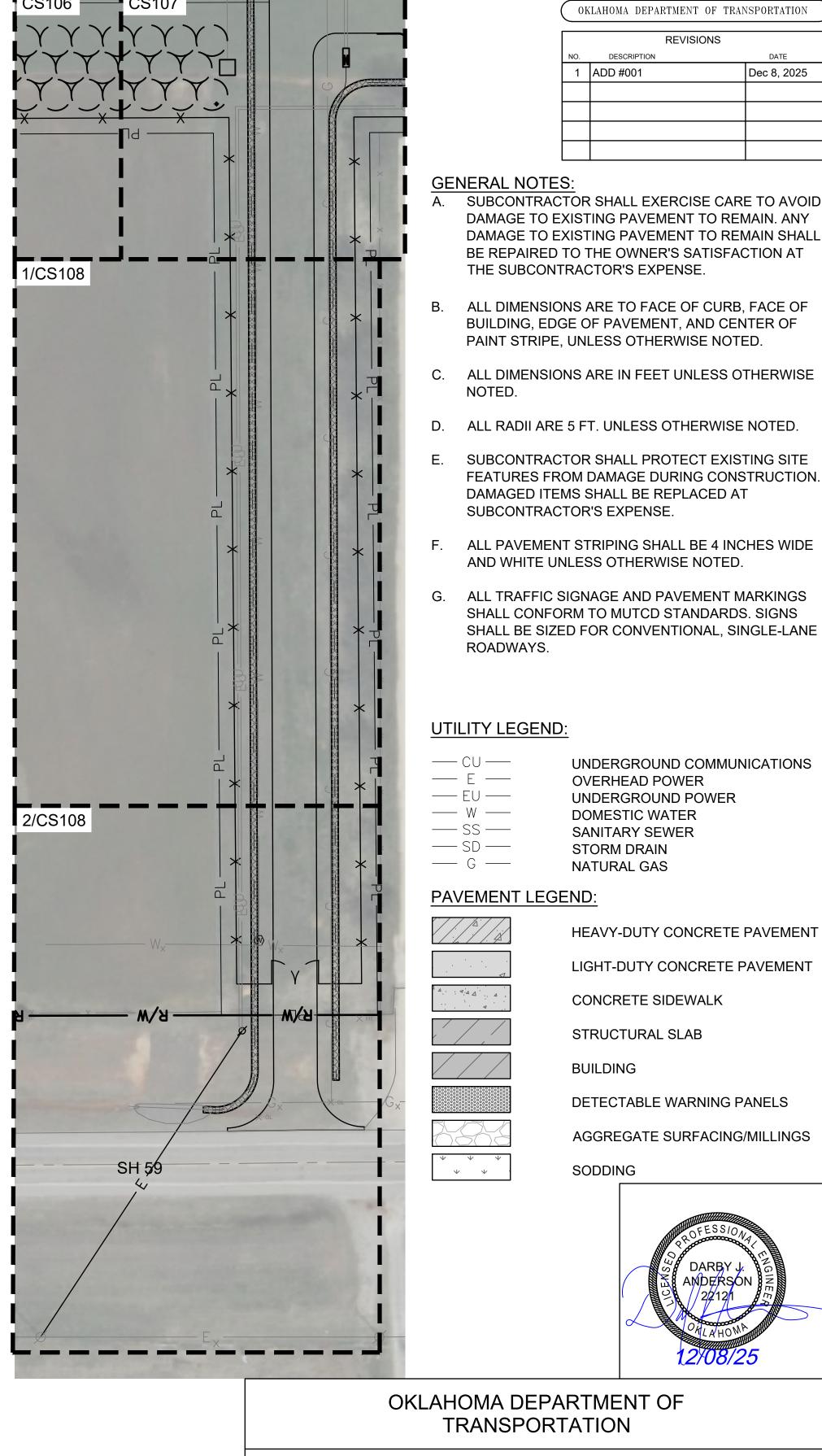


#### **Amendment of Solicitation**

Date of Issuance: 12	/9/2025	Solicitation No.	3450035914
Requisition No. 26	FM-0017	Amendment No.	3
Hour and date specifie	ed for receipt of offers is changed:	⊠ No ☐ Yes, to	:CST
identified above. Such Suppliers submitting b and date specified in t Sign and return a copy If the supplier has alre solicitation deadline. A	he solicitation as follows:  of this amendment with the solicit ady submitted a response, this ack	pliers to which the origine receipt of this solicite ration response being knowledgement must l	ginal solicitation was sent. ation amendment <u>prior</u> to the hour
ISSUED FROM:			
Heather Osborne Contracting Officer	405-420-2293 Phone Number		orne@odot.org ail Address
RETURN TO: odotbie  Description of Amen	dment:		
a. This is to incorpora  Amendment 3 covers:			
	ddressing Question 3 (hopper rack	(s) & Question 5 (eros	ion control plan).
Interested Contractors	s should complete Section b and in	clude this form with th	eir responses.
b. All other terms and	conditions remain unchanged.		
Supplier Company Na	me ( <b>PRINT</b> )		Date
Authorized Represent	ative Name ( <b>PRINT</b> )		Authorized Representative Signature





DAMAGE TO EXISTING PAVEMENT TO REMAIN. ANY DAMAGE TO EXISTING PAVEMENT TO REMAIN SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE SUBCONTRACTOR'S EXPENSE.

DESCRIPTION

1 ADD #001

OKLAHOMA DEPARTMENT OF TRANSPORTATION

Dec 8, 2025

- ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, EDGE OF PAVEMENT, AND CENTER OF PAINT STRIPE, UNLESS OTHERWISE NOTED.
- C. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE
- D. ALL RADII ARE 5 FT. UNLESS OTHERWISE NOTED.
- E. SUBCONTRACTOR SHALL PROTECT EXISTING SITE FEATURES FROM DAMAGE DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPLACED AT SUBCONTRACTOR'S EXPENSE.
- F. ALL PAVEMENT STRIPING SHALL BE 4 INCHES WIDE AND WHITE UNLESS OTHERWISE NOTED.
- G. ALL TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO MUTCD STANDARDS. SIGNS SHALL BE SIZED FOR CONVENTIONAL, SINGLE-LANE ROADWAYS.

### **UTILITY LEGEND:**

- —— CU —— UNDERGROUND COMMUNICATIONS OVERHEAD POWER
- EU UNDERGROUND POWER — W — DOMESTIC WATER —— SS —— SANITARY SEWER
- —— SD —— STORM DRAIN — G — NATURAL GAS

### PAVEMENT LEGEND:

HEAVY-DUTY CONCRETE PAVEMENT

LIGHT-DUTY CONCRETE PAVEMENT

CONCRETE SIDEWALK

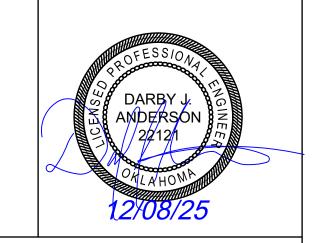
STRUCTURAL SLAB

BUILDING

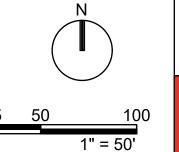
DETECTABLE WARNING PANELS

AGGREGATE SURFACING/MILLINGS

SODDING



## OKLAHOMA DEPARTMENT OF TRANSPORTATION



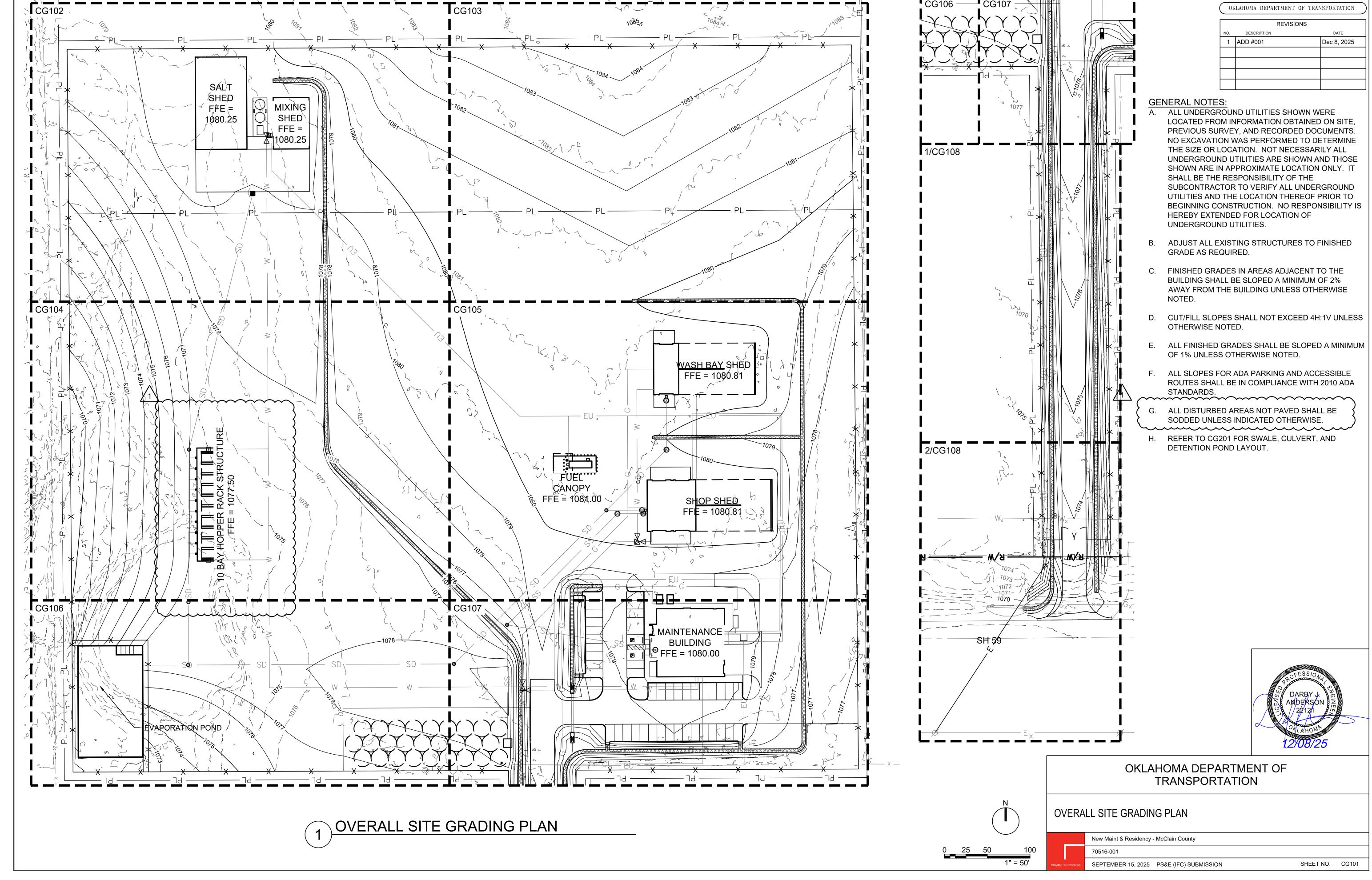
OVERALL SITE LAYOUT PLAN

New Maint & Residency - McClain County

SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION

SHEET NO. CS101

OKLAHOMA DEPARTMENT OF TRANSPORTATION REVISIONS MATCHLINE CS102 1 ADD #001 Dec 8, 2025 **GENERAL NOTES:** A. SUBCONTRACTOR SHALL EXERCISE CARE TO AVOID DAMAGE TO EXISTING PAVEMENT TO REMAIN. ANY DAMAGE TO EXISTING PAVEMENT TO REMAIN SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE SUBCONTRACTOR'S EXPENSE. B. ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, EDGE OF PAVEMENT, AND CENTER OF PAINT STRIPE, UNLESS OTHERWISE NOTED. C. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE D. ALL RADII ARE 5 FT. UNLESS OTHERWISE NOTED. E. SUBCONTRACTOR SHALL PROTECT EXISTING SITE FEATURES FROM DAMAGE DURING CONSTRUCTION. DAMAGED ITEMS SHALL BE REPLACED AT SUBCONTRACTOR'S EXPENSE. F. ALL PAVEMENT STRIPING SHALL BE 4 INCHES WIDE AND WHITE UNLESS OTHERWISE NOTED. G. ALL TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO MUTCD STANDARDS. SIGNS SHALL BE SIZED FOR CONVENTIONAL, SINGLE-LANE ROADWAYS. H. REFER TO CG201 FOR SWALE, CULVERT, AND DETENTION POND LAYOUT. **CORNER OF SLAB** ∽N: 576719.68 E: 2165762.36 PAVEMENT LEGEND: **HEAVY-DUTY CONCRETE PAVEMENT** LIGHT-DUTY CONCRETE PAVEMENT CONCRETE SIDEWALK STRUCTURAL SLAB BUILDING DETECTABLE WARNING PANELS AGGREGATE SURFACING/MILLINGS SODDING FLEXAMAT **CORNER OF SLAB └**N: 576587.18 E: 2165762.89 MATCHLINE CS106 OKLAHOMA DEPARTMENT OF TRANSPORTATION ENLARGED SITE LAYOUT PLAN (3 OF 7) ENLARGED SITE LAYOUT PLAN New Maint & Residency - McClain County SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. CS104



OKLAHOMA DEPARTMENT OF TRANSPORTATION REVISIONS 1 ADD #001 Dec 8, 2025 **GENERAL NOTES:** ALL UNDERGROUND UTILITIES SHOWN WERE LOCATED FROM INFORMATION OBTAINED ON SITE, PREVIOUS SURVEY, AND RECORDED DOCUMENTS. NO EXCAVATION WAS PERFORMED TO DETERMINE THE SIZE OR LOCATION. NOT NECESSARILY ALL UNDERGROUND UTILITIES ARE SHOWN AND THOSE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AND THE LOCATION THEREOF PRIOR TO BEGINNING CONSTRUCTION. NO RESPONSIBILITY IS HEREBY EXTENDED FOR LOCATION OF UNDERGROUND UTILITIES. ✓ SALT SHED B. ADJUST ALL EXISTING STRUCTURES TO FINISHED GRADE AS REQUIRED. 1080.25 C. FINISHED GRADES IN AREAS ADJACENT TO THE MIXING BUILDING SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING UNLESS OTHERWISE SHED NOTED. FFE = 1080.25 D. CUT/FILL SLOPES SHALL NOT EXCEED 4H:1V UNLESS OTHERWISE NOTED. E. ALL FINISHED GRADES SHALL BE SLOPED A MINIMUM OF 1% UNLESS OTHERWISE NOTED. F. ALL SLOPES FOR ADA PARKING AND ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH 2010 ADA STANDARDS. ALL DISTURBED AREAS NOT PAVED SHALL BE SODDED UNLESS INDICATED OTHERWISE. 1020 B REFER TO CG201 FOR SWALE, CULVERT, AND DETENTION POND LAYOUT. MATCHLINE CG104 OKLAHOMA DEPARTMENT OF TRANSPORTATION ENLARGED SITE GRADING PLAN (1 OF 7) ENLARGED SITE GRADING PLAN New Maint & Residency - McClain County SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. CG102

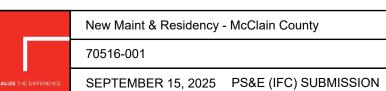
OKLAHOMA DEPARTMENT OF TRANSPORTATION REVISIONS 1 ADD #001 Dec 8, 2025 **GENERAL NOTES:** A. ALL UNDERGROUND UTILITIES SHOWN WERE LOCATED FROM INFORMATION OBTAINED ON SITE, PREVIOUS SURVEY, AND RECORDED DOCUMENTS. NO EXCAVATION WAS PERFORMED TO DETERMINE THE SIZE OR LOCATION. NOT NECESSARILY ALL UNDERGROUND UTILITIES ARE SHOWN AND THOSE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AND THE LOCATION THEREOF PRIOR TO BEGINNING CONSTRUCTION. NO RESPONSIBILITY IS HEREBY EXTENDED FOR LOCATION OF UNDERGROUND UTILITIES. B. ADJUST ALL EXISTING STRUCTURES TO FINISHED GRADE AS REQUIRED. C. FINISHED GRADES IN AREAS ADJACENT TO THE BUILDING SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING UNLESS OTHERWISE NOTED. PROPERTY PER DEED BOOK: 2878 / PAGE: 120 D. CUT/FILL SLOPES SHALL NOT EXCEED 4H:1V UNLESS OTHERWISE NOTED. - GRADE BREAK E. ALL FINISHED GRADES SHALL BE SLOPED A MINIMUM OF 1% UNLESS OTHERWISE NOTED. F. ALL SLOPES FOR ADA PARKING AND ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH 2010 ADA STANDARDS. G. ALL DISTURBED AREAS NOT PAVED SHALL BE SODDED UNLESS INDICATED OTHERWISE. H. REFER TO CG201 FOR SWALE, CULVERT, AND DETENTION POND LAYOUT. FOUND 1/2" IRON PIN W/ WHITEHAWK CA 5954 CAP MATCHLINE CG105 OKLAHOMA DEPARTMENT OF TRANSPORTATION ENLARGED SITE GRADING PLAN (2 OF 7) ENLARGED SITE GRADING PLAN New Maint & Residency - McClain County SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. CG103

OKLAHOMA DEPARTMENT OF TRANSPORTATION REVISIONS MATCHLINE CG102 1 ADD #001 Dec 8, 2025 **GENERAL NOTES:** A. ALL UNDERGROUND UTILITIES SHOWN WERE LOCATED FROM INFORMATION OBTAINED ON SITE, PREVIOUS SURVEY, AND RECORDED DOCUMENTS. NO EXCAVATION WAS PERFORMED TO DETERMINE THE SIZE OR LOCATION. NOT NECESSARILY ALL UNDERGROUND UTILITIES ARE SHOWN AND THOSE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AND THE LOCATION THEREOF PRIOR TO BEGINNING CONSTRUCTION. NO RESPONSIBILITY IS HEREBY EXTENDED FOR LOCATION OF UNDERGROUND UTILITIES. B. ADJUST ALL EXISTING STRUCTURES TO FINISHED GRADE AS REQUIRED. C. FINISHED GRADES IN AREAS ADJACENT TO THE BUILDING SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING UNLESS OTHERWISE D. CUT/FILL SLOPES SHALL NOT EXCEED 4H:1V UNLESS OTHERWISE NOTED. E. ALL FINISHED GRADES SHALL BE SLOPED A MINIMUM OF 1% UNLESS OTHERWISE NOTED. F. ALL SLOPES FOR ADA PARKING AND ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH 2010 ADA STANDARDS. G. ALL DISTURBED AREAS NOT PAVED SHALL BE SODDED UNLESS INDICATED OTHERWISE. H. REFER TO CG201 FOR SWALE, CULVERT, AND DETENTION POND LAYOUT. AMATCHLINE CG106 OKLAHOMA DEPARTMENT OF TRANSPORTATION ENLARGED SITE GRADING PLAN (3 OF 7) ENLARGED SITE GRADING PLAN New Maint & Residency - McClain County SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. CG104

OKLAHOMA DEPARTMENT OF TRANSPORTATION REVISIONS MATCHLINE CG103 1 ADD #001 Dec 8, 2025 **GENERAL NOTES:** A. ALL UNDERGROUND UTILITIES SHOWN WERE LOCATED FROM INFORMATION OBTAINED ON SITE, PREVIOUS SURVEY, AND RECORDED DOCUMENTS. NO EXCAVATION WAS PERFORMED TO DETERMINE THE SIZE OR LOCATION. NOT NECESSARILY ALL UNDERGROUND UTILITIES ARE SHOWN AND THOSE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE WASH SUBCONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AND THE LOCATION THEREOF PRIOR TO BAY BEGINNING CONSTRUCTION. NO RESPONSIBILITY IS SHED HEREBY EXTENDED FOR LOCATION OF FFE = UNDERGROUND UTILITIES. 1080.81 B. ADJUST ALL EXISTING STRUCTURES TO FINISHED GRADE AS REQUIRED. C. FINISHED GRADES IN AREAS ADJACENT TO THE BUILDING SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING UNLESS OTHERWISE D. CUT/FILL SLOPES SHALL NOT EXCEED 4H:1V UNLESS OTHERWISE NOTED. E. ALL FINISHED GRADES SHALL BE SLOPED A MINIMUM OF 1% UNLESS OTHERWISE NOTED. F. ALL SLOPES FOR ADA PARKING AND ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH 2010 ADA STANDARDS. G. ALL DISTURBED AREAS NOT PAVED SHALL BE SODDED UNLESS INDICATED OTHERWISE. H. REFER TO CG201 FOR SWALE, CULVERT, AND DETENTION POND LAYOUT. **FUEL** SHOP SHED FFE = 1080.81 MATCHLINE CG107 OKLAHOMA DEPARTMENT OF TRANSPORTATION ENLARGED SITE GRADING PLAN (4 OF 7) ENLARGED SITE GRADING PLAN New Maint & Residency - McClain County SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. CG105

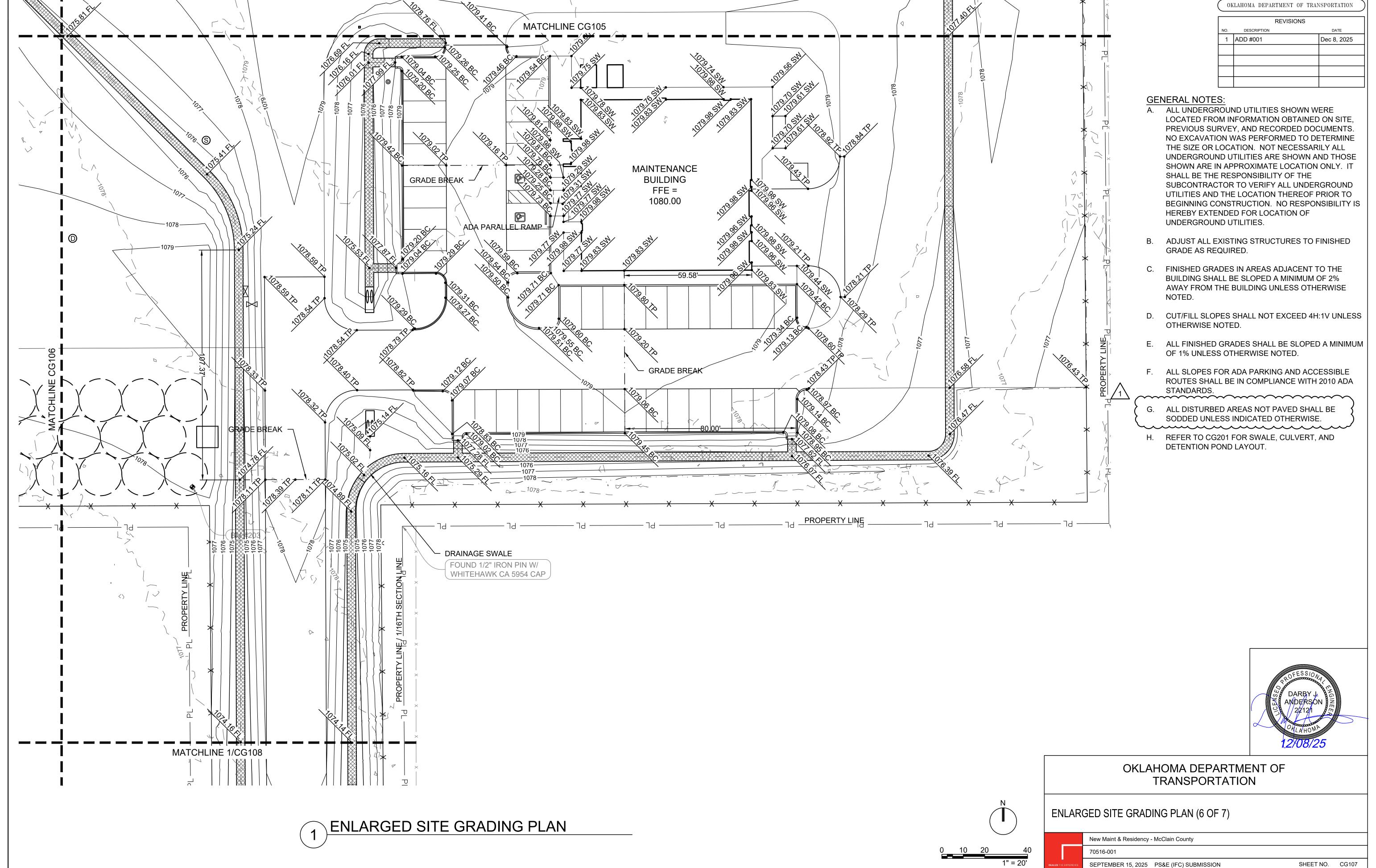
OKLAHOMA DEPARTMENT OF TRANSPORTATION

DESCRIPTION



SHEET NO. CG106





MATCHLINE1/ CG108 MATCHLINE CG107 **RIGHT-OF-WAY** NOTED. --PER LOCATE SH 59 MATCHLINE 2/CG108 4-W-PWR ENLARGED SITE GRADING PLAN (7 OF 7) 2 ENLARGED SITE GRADING PLAN ENLARGED SITE GRADING PLAN New Maint & Residency - McClain County

REVISIONS DESCRIPTION Dec 8, 2025 1 ADD #001

OKLAHOMA DEPARTMENT OF TRANSPORTATION

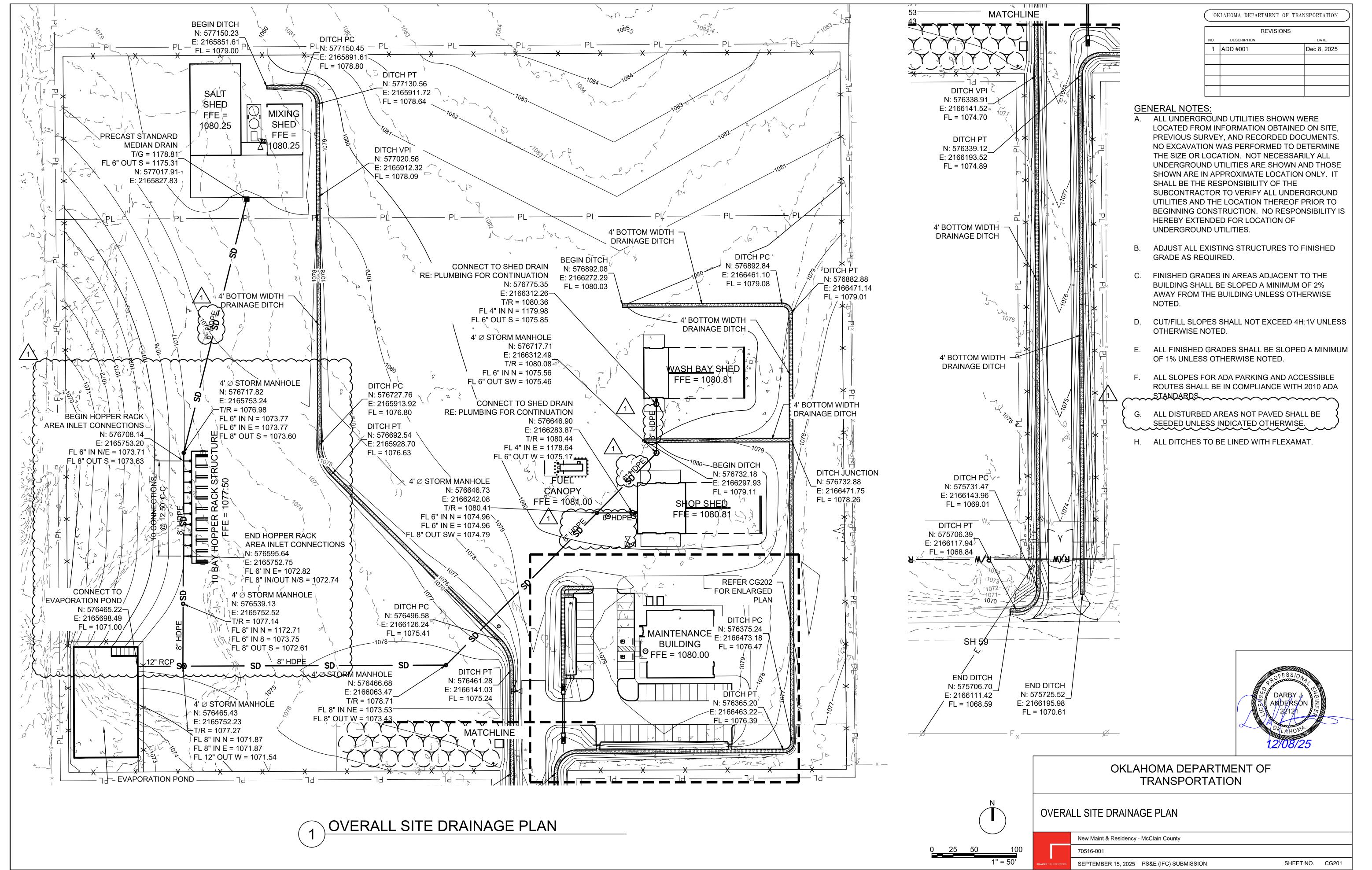
**GENERAL NOTES:** 

- A. ALL UNDERGROUND UTILITIES SHOWN WERE LOCATED FROM INFORMATION OBTAINED ON SITE, PREVIOUS SURVEY, AND RECORDED DOCUMENTS. NO EXCAVATION WAS PERFORMED TO DETERMINE THE SIZE OR LOCATION. NOT NECESSARILY ALL UNDERGROUND UTILITIES ARE SHOWN AND THOSE SHOWN ARE IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AND THE LOCATION THEREOF PRIOR TO BEGINNING CONSTRUCTION. NO RESPONSIBILITY IS HEREBY EXTENDED FOR LOCATION OF UNDERGROUND UTILITIES.
- B. ADJUST ALL EXISTING STRUCTURES TO FINISHED GRADE AS REQUIRED.
- C. FINISHED GRADES IN AREAS ADJACENT TO THE BUILDING SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING UNLESS OTHERWISE
- D. CUT/FILL SLOPES SHALL NOT EXCEED 4H:1V UNLESS OTHERWISE NOTED.
- E. ALL FINISHED GRADES SHALL BE SLOPED A MINIMUM OF 1% UNLESS OTHERWISE NOTED.
- F. ALL SLOPES FOR ADA PARKING AND ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH 2010 ADA STANDARDS.
- ALL DISTURBED AREAS NOT PAVED SHALL BE SODDED UNLESS INDICATED OTHERWISE.
- H. REFER TO CG201 FOR SWALE, CULVERT, AND DETENTION POND LAYOUT.

OKLAHOMA DEPARTMENT OF TRANSPORTATION

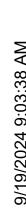
SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION

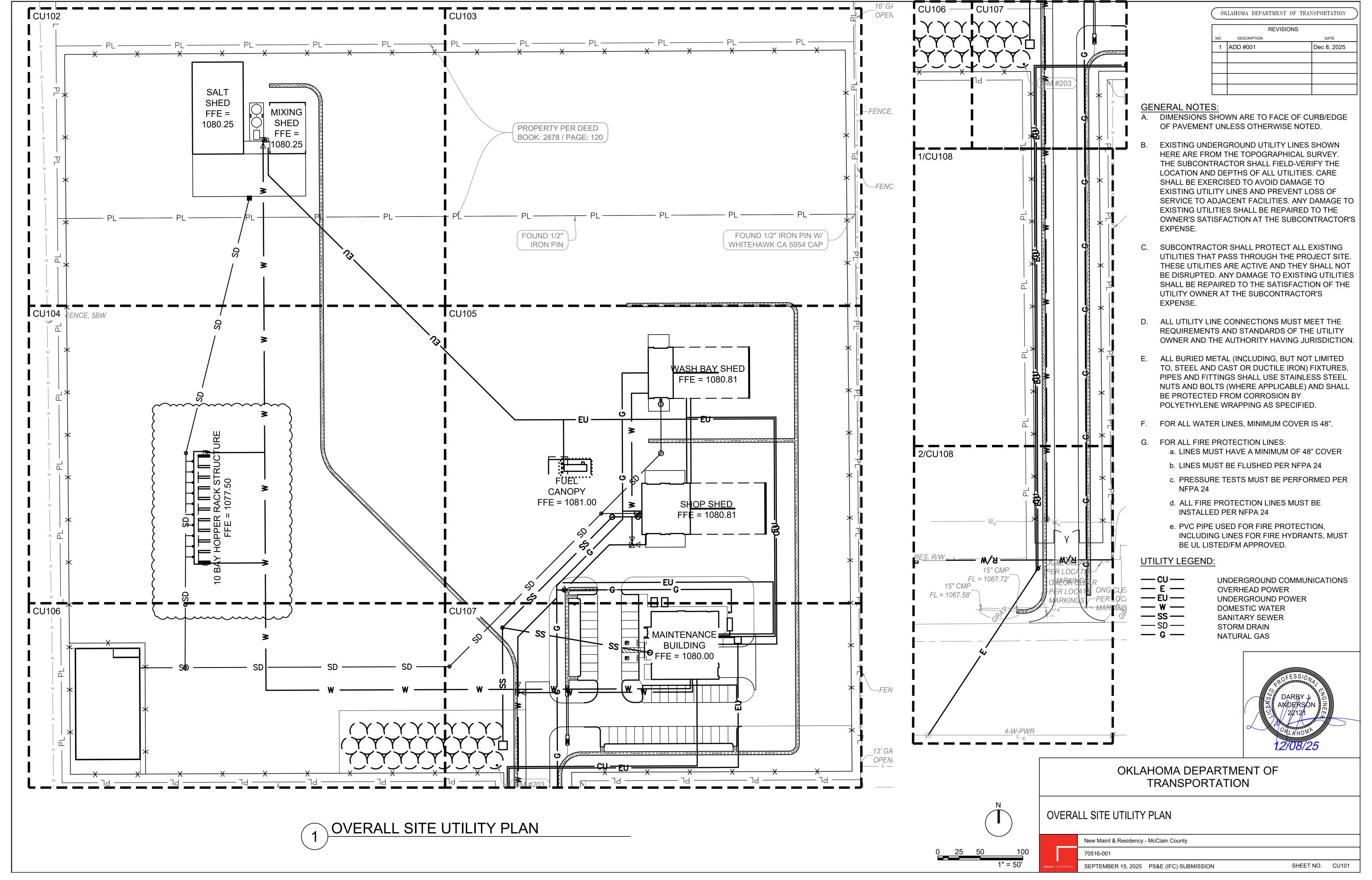
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- MATCHLINE

OKLAHOMA DEPARTMENT OF TRANSPORTATION

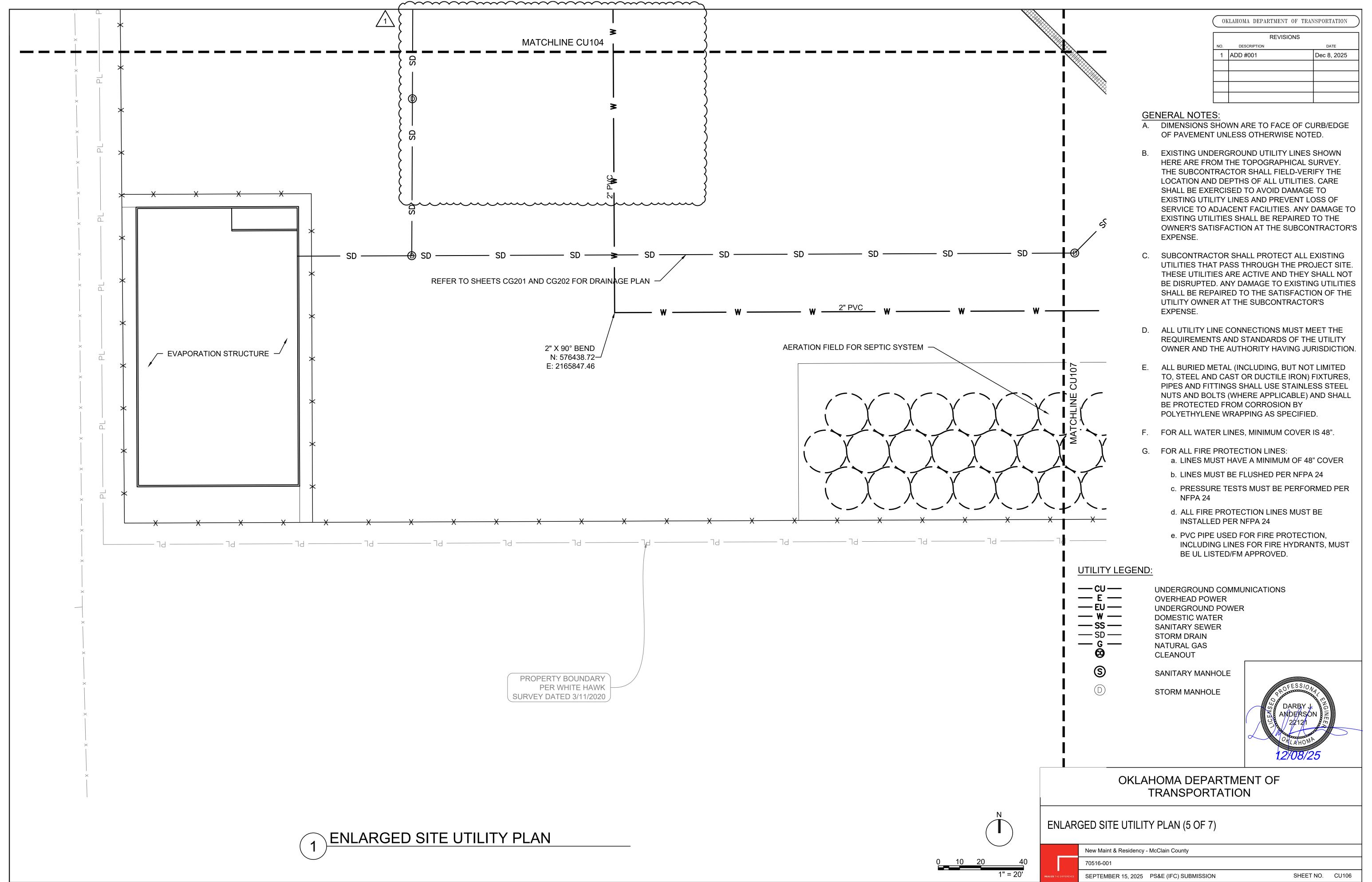


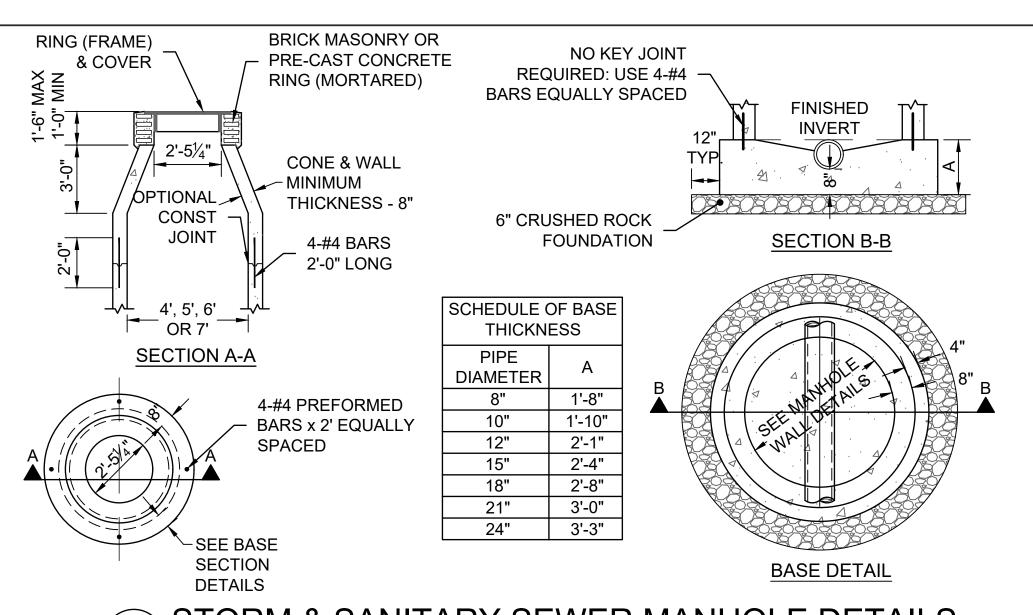


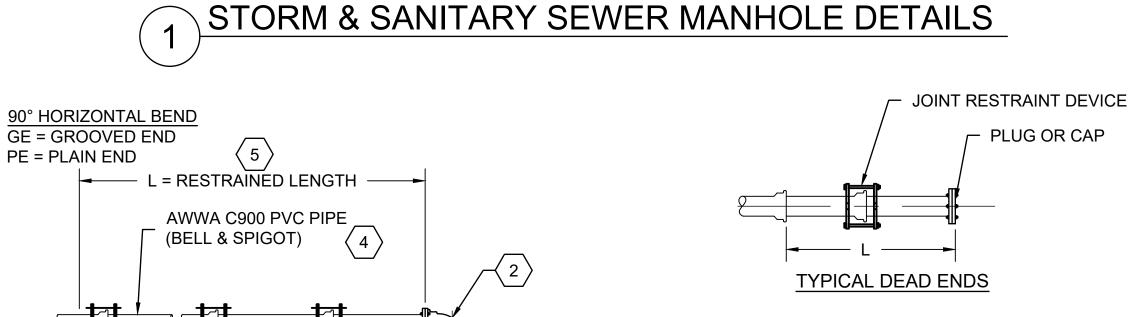
OKLAHOMA DEPARTMENT OF TRANSPORTATION REVISIONS MATCHLINE CU102 1 ADD #001 Dec 8, 2025 **GENERAL NOTES:** A. DIMENSIONS SHOWN ARE TO FACE OF CURB/EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. B. EXISTING UNDERGROUND UTILITY LINES SHOWN REFER TO SHEETS CG201 AND CG202 FOR DRAINAGE PLAN HERE ARE FROM THE TOPOGRAPHICAL SURVEY THE SUBCONTRACTOR SHALL FIELD-VERIFY THE LOCATION AND DEPTHS OF ALL UTILITIES. CARE SHALL BE EXERCISED TO AVOID DAMAGE TO EXISTING UTILITY LINES AND PREVENT LOSS OF SERVICE TO ADJACENT FACILITIES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE SUBCONTRACTOR'S EXPENSE. C. SUBCONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES THAT PASS THROUGH THE PROJECT SITE. THESE UTILITIES ARE ACTIVE AND THEY SHALL NOT BE DISRUPTED. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE UTILITY OWNER AT THE SUBCONTRACTOR'S EXPENSE. D. ALL UTILITY LINE CONNECTIONS MUST MEET THE 1" FREEZE-PROOF REQUIREMENTS AND STANDARDS OF THE UTILITY YARD HYDRANT OWNER AND THE AUTHORITY HAVING JURISDICTION. (SET IN SLAB, **FACING OUT)** E. ALL BURIED METAL (INCLUDING, BUT NOT LIMITED N: 576718.36 TO, STEEL AND CAST OR DUCTILE IRON) FIXTURES, E: 2165776.03 PIPES AND FITTINGS SHALL USE STAINLESS STEEL 2" X 1" TEE N: 576718.64 NUTS AND BOLTS (WHERE APPLICABLE) AND SHALL BE PROTECTED FROM CORROSION BY E: 2165845.95 POLYETHYLENE WRAPPING AS SPECIFIED. F. FOR ALL WATER LINES, MINIMUM COVER IS 48". G. FOR ALL FIRE PROTECTION LINES: a. LINES MUST HAVE A MINIMUM OF 48" COVER b. LINES MUST BE FLUSHED PER NFPA 24 c. PRESSURE TESTS MUST BE PERFORMED PER NFPA 24 d. ALL FIRE PROTECTION LINES MUST BE **INSTALLED PER NFPA 24** e. PVC PIPE USED FOR FIRE PROTECTION, INCLUDING LINES FOR FIRE HYDRANTS, MUST BE UL LISTED/FM APPROVED. UTILITY LEGEND: — cu — **UNDERGROUND COMMUNICATIONS** — E — **OVERHEAD POWER** — EU — UNDERGROUND POWER DOMESTIC WATER — ss — SANITARY SEWER — SD — STORM DRAIN — G — NATURAL GAS **6** CLEANOUT 2" X 1" TEE S -N: 576588.64 SANITARY MANHOLE E: 2165846.72 STORM MANHOLE 1" PVC 1" FREEZE-PROOF YARD HYDRANT ANDERSON (SET IN SLAB, FACING OUT) N: 576588.35 E: 2165775.89 MATCHLINE CU106 OKLAHOMA DEPARTMENT OF TRANSPORTATION ENLARGED SITE UTILITY PLAN (3 OF 7) ENLARGED SITE UTILITY PLAN New Maint & Residency - McClain County

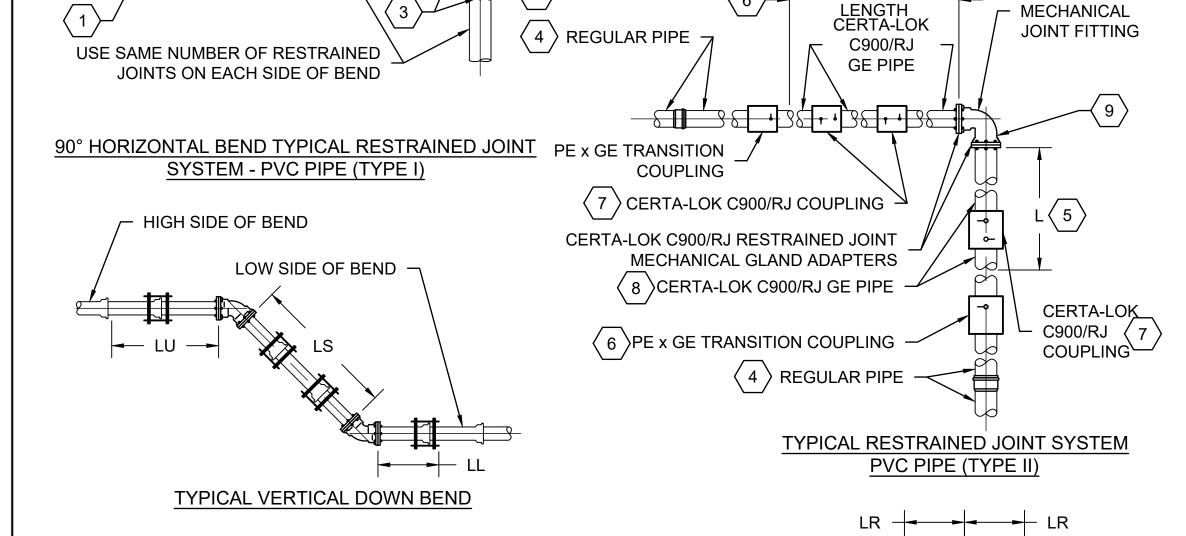
SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION

SHEET NO. CU104









	REQUIRED LENGTHS FOR RESTRAINED JOINT PIPE SYSTEMS (FEET)									
PIPE	90° BEND	45° BEND	22½° BEND	TE	ΞΕ	PLUG OR CAP	45° VERT BEND			
D (IN)	L	L	L	LR	LB	L	LU	LL	LS	
4"	10	4	2	3	13	28	12	3	FULL LENGTH	
6"	15	6	3	5	14	40	17	4	FULL LENGTH	
8"	19	8	4	6	21	53	22	5	FULL LENGTH	
12"	27	11	5	10	21	75	31 8 FULL LENGTH			



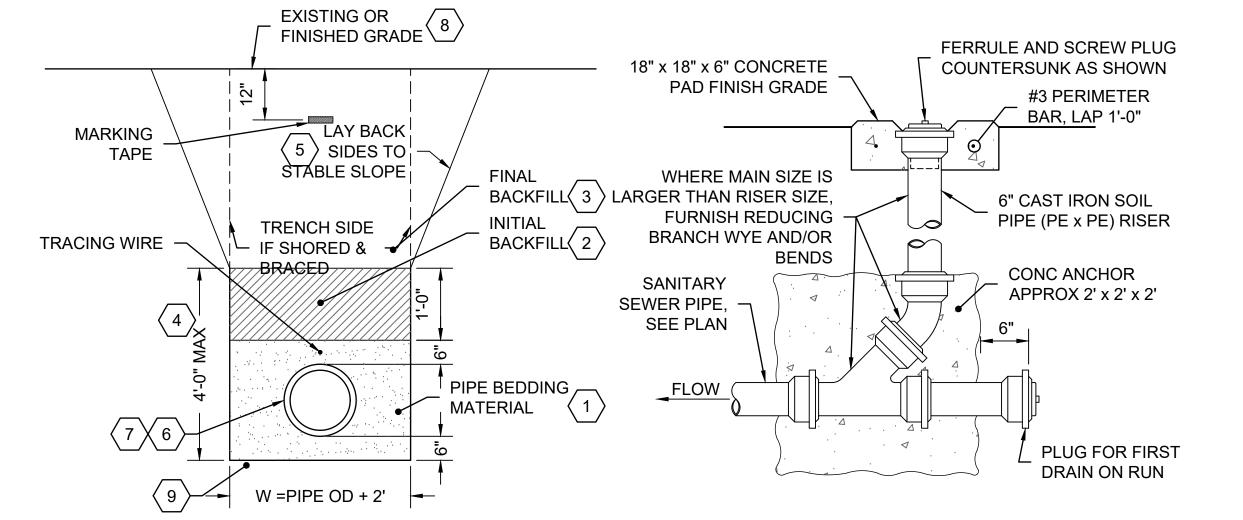
TYPICAL TEE

JOINT RESTRAINT DEVICE

= RESTRAINED \_\_

RESTRAINED

**MECHANICAL** 



# UTILITY TRENCH SECTION

# **STORM & SANITARY** SEWER CLEANOUT DETAILS

### **KEYED NOTES: #2 - UTILITY TRENCH SECTION**

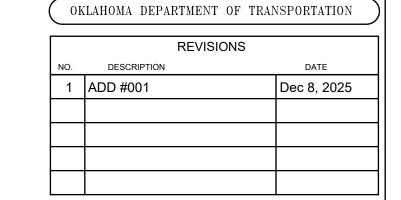
- 1. COMPACT BEDDING MATERIAL TO 95% ASTM D698 DENSITY (STANDARD PROCTOR). COMPACT CAREFULLY WITH SMALL MANUALLY OPERATED VIBRATORY COMPACTION EQUIPMENT. PROPER COMPACTION OF BACKFILL IS ESSENTIAL FOR PASSING MANDREL TEST NOTED BELOW
- 2. INITIAL BACKFILL: FOR ALL AREAS INITIAL BACKFILL SHALL BE CRUSHED STONE SCREENINGS, PLACED TO A DEPTH OF 12" ABOVE TOP OF BEDDING MATERIAL AS SHOWN. PLACE IN 6" LIFTS & COMPACT TO 95% STANDARD PROCTOR DENSITY. FOR DUCTILE IRON PIPE SEWERS INITIAL BACKFILL MATERIAL IS NOT REQUIRED; FINAL BACKFILL MATERIAL MAY BE USED FOR ALL BACKFILL
- FINAL BACKFILL: UNDER PAVEMENTS USE GRANULAR SOILS SUCH AS COARSE SANDS AND GRAVELS, WITH NOT MORE THAN 15% PASSING THE #200 SIEVE (FINES). ALL FINES SHALL HAVE A MAXIMUM PLASTICITY INDEX (PI) OF 12 AND A LIQUID LIMIT NOT GREATER THAN 35. PLACE BACKFILL IN LIFTS NOT GREATER THAN 8" LOOSE THICKNESS FOR COMPACTION WITH HEAVY EQUIPMENT, AND NOT MORE THAN 6" LOOSE THICKNESS FOR COMPACTION WITH MANUALLY OPERATED VIBRATOR COMPACTORS. COMPACT EACH LIFT TO 98% STANDARD PROCTOR DENSITY (ASTM D698). IN OPEN AREAS NOT TO BE OCCUPIED BY BUILDINGS OR PAVEMENTS, FINAL BACKFILL MAY BE MADE WITH EXCAVATED SOILS, PLACED IN LEFTS AS NOTED ABOVE. AND COMPACTED TO 95% ASTM D698 DENSITY.
- 4. HEIGHT OF VERTICAL TRENCH SIDES FOR UNSHORED TRENCH SHALL BE GOVERNED BY CURRENT OSHA REGULATIONS AND SLOPE STABILITY RECOMMENDATION OF THE GEOTECHNICAL ENGINEER. HEIGHT SHALL NOT EXCEED 4 FEET, IN ANY CASE, UNLESS TRENCH IS SHORED AND BRACED FROM TOP TO BOTTOM
- 5. SIDES OF TRENCH ABOVE 4 FEET IN HEIGHT MUST BE LAID BACK ON STABLE SLOPES FOR EXISTING SOILS, AS DETERMINED BY A PROFESSIONAL GEOTECHNICAL ENGINEER AND MUST BE IN ACCORDANCE WITH CURRENT OSHA REGULATIONS.
- 7. DEFLECTIONS TEST: ALL PVC PIPE MUST PASS A MANDREL TEST WITH MANDREL HAVING AN OUTSIDE DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF PIPE. MANDREL TEST WILL BE CONDUCTED AFTER TRENCH BACKFILL HAS BEEN COMPLETED FOR 30

6. SEWER PIPE: AS SPECIFIED.

- 8. FINISHED GRADE UNDER PAVEMENTS OR SLABS ON GRADE. FINISHED GRADE FOR TOP OF BACKFILL IS BOTTOM OF BASE COURSE SHOWN ON PAVEMENT OR SLAB SECTIONS. FINISHED GRADE IN GRASSED AREAS IS BOTTOM OF TOPSOIL COURSE
- 9. REMOVE ANY UNSTABLE MATERIAL FROM THE TRENCH BOTTOM AND REPLACE WITH SELECT GRANULAR MATERIAL AS SPECIFIED

### #4 - RESTRAINED JOINTS DETAILS

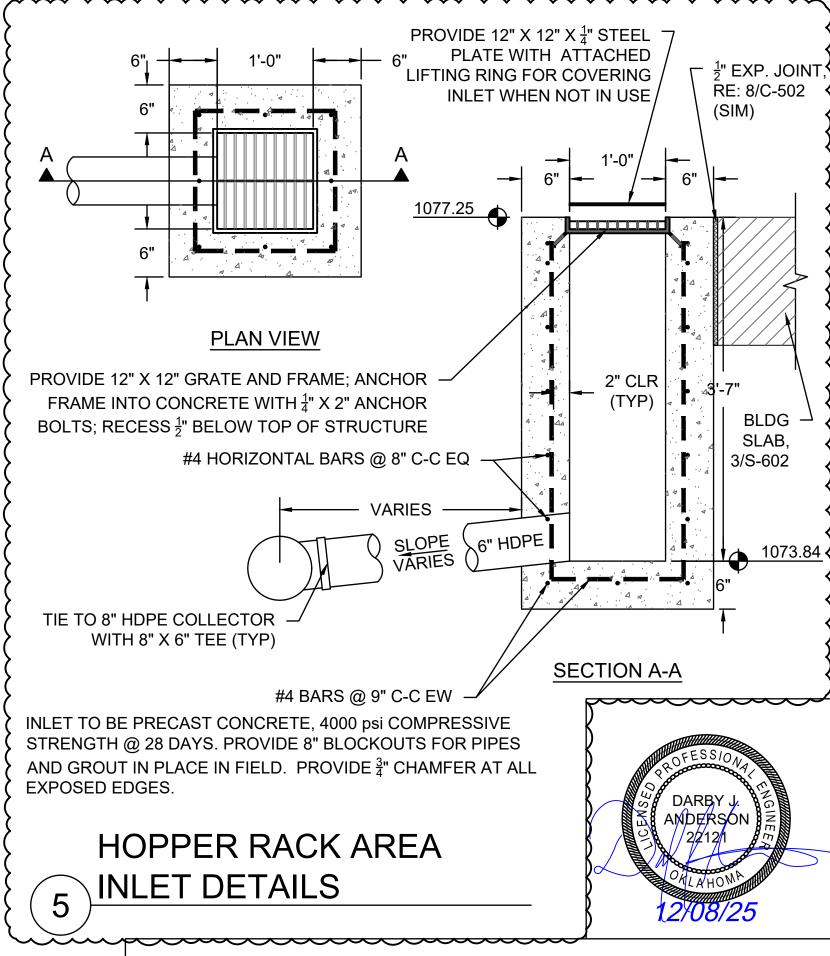
- A. ALL BURIED METAL FITTINGS, CLAMPS, BOLTS, TIE RODS, ETC. MUST BE PROTECTED AGAINST CORROSION BY CONNECTION TO A SACRIFICIAL ANODE CATHODIC PROTECTION SYSTEM WITH MONITORING STATIONS AS SPECIFIED. COAT ALL **EXPOSED SURFACES OF METALLIC COMPONENTS** WITH MASTIC COMPOUND
- CALCULATED RESTRAINED LENGTHS ASSUME PIPE IS COMPLETELY SURROUNDED BY COHESIONLESS GRANULAR MATERIAL CAPABLE OF SUPPLYING THE NECESSARY FRICTIONAL RESISTANCE TO PREVENT PIPE MOVEMENT THROUGH SOIL. REFER TO WATER PIPE TRENCH SECTION FOR DETAILS.
- CALCULATED RESTRAINED LENGTHS ASSUME THE PIPE HAS AT LEAST 3.5 FEET OF BACKFILL OVER THE PIPE TO PROVIDE THE NECESSARY DEAD LOAD TO CREATE THE FRICTIONAL RESISTANCE TO PREVENT PIPE MOVEMENT THROUGH THE SOIL.
- D. PASSIVE EARTH PRESSURE RESISTANCE USED IN CALCULATION OF RESTRAINED LENGTHS ASSUMES PIPE AND FITTINGS TO BEAR AGAINST COMPACTED GRANULAR SOILS THAT SURROUND THE PIPE AND NOT AGAINST EXISTING STIFF CLAYS AGAINST WHICH CONCRETE THRUST BLOCKS ARE CAST
- E. ALL JOINTS WITHIN THE REQUIRED LENGTHS SHOWN MUST BE RESTRAINED BY MECHANICAL RESTRAINT DEVICES AS DETAILED AND SPECIFIED.
- F. RESTRAINED PIPE LENGTHS ARE BASED ON THE **FOLLOWING ASSUMPTIONS:** 
  - PIPE MATERIAL: AWWA C900 PVC PIPE WITH DR18, CLASS 150
  - SOIL SURROUNDING PIPE: SP PER USC SYSTEM (POORLY GRADED CLEAN SAND)
  - DEPTH OF BURY: 4 FEET MINIMUM
  - TRENCH TYPE: 4 (REF: ANSI/AWWA C150/21.50) • FACTOR OF SAFETY (FS): 1.5
  - HYDROSTATIC TEST PRESSURE: 150psi
- G. WHERE POSSIBLE USE CAST IN PLACE CONCRETE THRUST BLOCKS AT ENDS OF PLUGS AND CAPS TO AVOID EXCESSIVELY LONG RESTRAINED JOINT LENGTHS.
- H. PIPE MUST HAVE MINIMUM OF 4 FEET OF COMPACTED BACKFILL OVER PIPE BEFORE APPLYING HYDROSTATIC TEST PRESSURE.
- HORIZONTAL BENDS OTHER THAN 90 DEGREE BEND ARE NOT DETAILED. REQUIRED LENGTHS "L" FOR THESE BENDS ARE MEASURED FROM THE SAME POINT ON THESE BENDS AS FOR THE 90 DEGREE BENDS.



### **GENERAL NOTES:**

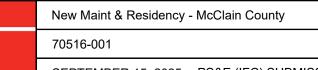
#### #4 - RESTRAINED JOINTS DETAILS

- 1. DUCTILE IRON RESISTANT DEVICE: EBAA IRON SERIES 1600 BELL RESTRAINT HARNESS (OR APPROVED EQUAL) FOR PIPE SIZES 4" THRU 12".
- 2. DUCTILE IRON MJ 90 DEGREE BEND WITH EPOXY COATING.
- 3. DUCTILE IRON MJ RETAINER GLAND: EBAA IRON SERIES 2000 PV FOR USE WITH AWWA C900 PVC PIPE OR APPROVED EQUAL.
- 4. AWWA C900 PVC PIPE, PRESSURE CLASS 150, DR18 5. SEE TABLE FOR REQUIRED LENGTH OF RESTRAINED
- JOINT PIPE. ALL JOINTS WITHIN THIS LENGTH MUST BE RESTRAINED.
- 6. TRANSITION COUPLING MUST BE OUTSIDE THE REQUIRED RESTRAINED LENGTH
- 7. CERTA-LOK COUPLINGS AS MADE BY THE CERTAINTEED CORPORATION.
- 8. CERTA-LOK GROOVED END PIPE (AWWA C900) CLASS 150, DR18 AS MANUFACTURED BY CERTAINTEED CORP., OR APPROVED EQUAL, FOR USE WITH GROOVED AND SPLINED CERTA-LOK COUPLING
- 9. DUCTILE IRON MJ BEND WITH EPOXY COATING.



### OKLAHOMA DEPARTMENT OF TRANSPORTATION

WATER AND SANITARY SEWER DETAILS



SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. C-507

**COLUMN SCHEDULE** ANCHOR RODS MAXIMUM MAXIMUM MAXIMUM OVERALL DEPTH OVERALL DEPTH BASE PLATE COLUMN WIDTH BASE PLATE MARK (QNTY) SIZE | EMBEDMENT (IN) ELEVATION (FT - IN BASE (IN) TOP (IN) 0' - 9" 12" 24" BY MBM BY MBM 18" C1 8" 0' - 9" 18" BY MBM 14" HSS8X8 MAX 0' - 9" 18" C3 BY MBM 0' - 9" 18" BY MBM BY MBM 16" 16"

26'-6"

4'-0"

T.O. SLAB

-0'-3 3/4"

SLOPE

HSS6X6X1/6-HOIST COLUMN

26'-6"

3'-4"

T.O. SLAB -0'-3 3/4"

> T.O. SLAB --0'-3 3/4"

T.O. DRAIN --0-5 3/4"

SLOPE DN

- T.O. DRAIN | T.O. DRAIN -

-0-5 3/4"

T.O. DRAIN -0-5 3/4"

-0-5 3/4"

1'-0"—

1'-0"

4'-0"

9"

18'-0"

16'-0"

5'-6"

SLOPE DN

SJ

SJ

SCALE: 1/8" = 1'-0"

18'-0"

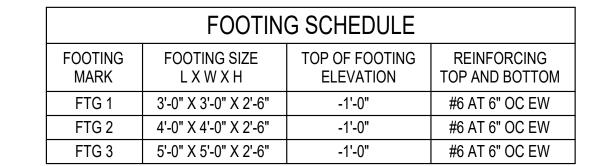
18'-0"

EQUIPMENT SHED/ SHOP BAY - FOUNDATION / SLAB PLAN

18'-0"

T.O. SLAB -

-0'-3 3/4"



— T.O. SLAB 0'-3 3/4"

18'-0"

G

18'-0"

SLOPE

18'-0"

G

1'-0" TYP~

19'-0"

3'-0" TYP-



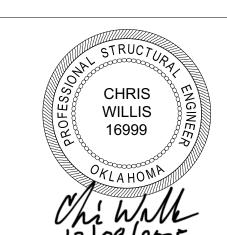
REVISIONS					
NO.	DESCRIPTION		DATE		
1	ADD #001		Dec. 8, 2025		

# FOUNDATION PLAN NOTES

- REFER TO SHEETS S-001 THRU S-003 FOR GENERAL NOTES AND TYPICAL DETAILS.
- FOR MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF
- CONCRETE, REFER TO GENERAL NOTES SHEET S-002. STRUCTURAL ELEVATION 0'-0" OR 0" EQUALS CIVIL FINISHED FLOOR ELEVATION. REFER TO CIVIL FOR ACTUAL FINISH FLOOR
- **ELEVATIONS** REFER TO THE GEOTECHNICAL REPORT AND GENERAL NOTES
- FOR SUBGRADE PREPARATION INFORMATION COORDINATE QUANTITY AND LOCATION OF BOLLARDS WITH ARCH. REFER TO DETAIL 8/S-003 BOLLARD DETAILING.
- COORDINATE FLOOR DRAINS, TRENCH DRAINS, SAND INTERCEPTOR, AND ANY OTHER UNDERGROUND PLUMBING REQUIREMENTS WITH MECHANICAL

## **○ FOUNDATION KEY NOTES**

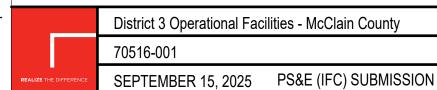
- 6" CONC SLAB REINFORCED WITH #4 AT 16" OC EW OVER 15 MIL VAPOR RETARDER OVER 6" OF ODOT "TYPE A" CRUSHED STONE OVER 5'-0" OF PROPERLY COMPACTED INERT FILL. BOTTOM OF FILL SHALL BE 6'-0" MINIMUM BELOW THE FINISHED FLOOR ELEVATION. FINISH FLOOR ELEVATION = VARIES
- PROVIDE 2'-0" X 2'-0" X 1'-0" DEEP THICKENED SLAB.



SHEET NO. S-200

# OKLAHOMA DEPARTMENT OF **TRANSPORTATION**

EQUIPMENT SHED/ SHOP BAY - FOUNDATION / SLAB PLAN



District 3 Operational Facilities - McClain County
70516-001



OKLAHOMA DEPARTMENT OF TRANSPORTATION

REVISIONS					
NO.	DESCRIPTION		DATE		
1	ADD #001		Dec. 8, 2025		

# **FOUNDATION PLAN NOTES**

- REFER TO SHEETS S-001 THRU S-003 FOR GENERAL NOTES AND TYPICAL DETAILS.
- 2. FOR MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF
- CONCRETE, REFER TO GENERAL NOTES SHEET S-002. STRUCTURAL ELEVATION 0'-0" OR 0" EQUALS CIVIL FINISHED FLOOR ELEVATION. REFER TO CIVIL FOR ACTUAL FINISH FLOOR **ELEVATIONS**
- REFER TO THE GEOTECHNICAL REPORT AND GENERAL NOTES
- FOR SUBGRADE PREPARATION INFORMATION COORDINATE QUANTITY AND LOCATION OF BOLLARDS WITH
- ARCH. REFER TO DETAIL 8/S-003 BOLLARD DETAILING. COORDINATE FLOOR DRAINS, TRENCH DRAINS, SAND INTERCEPTOR, AND ANY OTHER UNDERGROUND PLUMBING

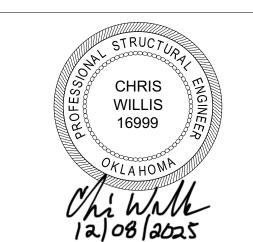
# **○ FOUNDATION KEY NOTES**

REQUIREMENTS WITH MECHANICAL

- 6" CONC SLAB REINFORCED WITH #4 AT 16" OC EW OVER 15 MIL VAPOR RETARDER OVER 6" OF ODOT "TYPE A" CRUSHED STONE OVER 5'-0" OF PROPERLY COMPACTED INERT FILL. BOTTOM OF FILL SHALL BE 6'-0" MINIMUM BELOW THE FINISHED FLOOR ELEVATION.
- FINISH FLOOR ELEVATION = VARIES SAND INTERCEPTOR WITH ANCHOR FLANGE. COORD WITH MECH'L AND REFER TO DETAIL 5/S-303

COLUMN SCHEDULE								
MAXIMUM	MAXIMUM	MAXIMUM	RRODS					
WIDTH (IN)	OVERALL DEPTH BASE (IN)	OVERALL DEPTH TOP (IN)			BASE PLATE MARK	(QNTY) SIZE	EMBEDMENT (IN)	
8"	12"	24"	لم	0' - 9"/1	BY MBM	BY MBM	18"	
8"	14"	14"	7	0' - 9"	BY MBM	BY MBM	18"	
HSS8X8 MAX				0' - 9"	BY MBM	BY MBM	18"	
8"	16"	16"	ζ	0' - 9"	BY MBM	BY MBM	18"	
	WIDTH (IN)  8"  8"  HSS8X8 MAX	WIDTH (IN) OVERALL DEPTH BASE (IN)  8" 12"  8" 14"  HSS8X8 MAX	MAXIMUM OVERALL DEPTH (IN)  8" 12" 24" 8" 14" 14"	MAXIMUM OVERALL DEPTH OVERALL DEPTH TOP (IN)  8" 12" 24" 8" 14" 14"  HSS8X8 MAX	MAXIMUM WIDTH (IN)         MAXIMUM OVERALL DEPTH BASE (IN)         MAXIMUM OVERALL DEPTH TOP (IN)         BOTTOM OF BASE PLATE ELEVATION (ET - IN)           8"         12"         24"         0' - 9" 1           8"         14"         14"         0' - 9" 1           HSS8X8 MAX         0' - 9"         0' - 9"	MAXIMUM WIDTH (IN)         MAXIMUM OVERALL DEPTH BASE (IN)         MAXIMUM OVERALL DEPTH TOP (IN)         BOTTOM OF BASE PLATE ELEVATION (ET - IN)         BASE PLATE MARK           8"         12"         24"         0' - 9"         1         BY MBM           8"         14"         14"         0' - 9"         BY MBM           HSS8X8 MAX         0' - 9"         BY MBM	MAXIMUM WIDTH (IN)         MAXIMUM OVERALL DEPTH BASE (IN)         MAXIMUM OVERALL DEPTH TOP (IN)         BASE PLATE ELEVATION (ET - IN)         BASE PLATE MARK         QNTY) SIZE           8"         12"         24"         0' - 9" 1         BY MBM         BY MBM         BY MBM           8"         14"         14"         0' - 9" 1         BY MBM         BY MBM           HSS8X8 MAX         0' - 9" 1         BY MBM         BY MBM	

FOOTING SCHEDULE							
FOOTING MARK	FOOTING SIZE L X W X H	TOP OF FOOTING ELEVATION	REINFORCING TOP AND BOTTOM				
FTG 1	3'-0" X 3'-0" X 2'-6"	-1'-0"	#6 AT 6" OC EW				
FTG 2	4'-0" X 4'-0" X 2'-6"	-1'-0"	#6 AT 6" OC EW				
FTG 3 5'-0" X 5'-0" X 2'-6" -1'-0" #6 AT 6" OC EW							





9" 2'-0" TYP

18'-0"

18'-0"

18'-0"

 $\left(\mathsf{E}\right)$ 

18'-0"

2'-0" TYP

19'-0"

T.O. SLAB -0'-3 3/4"

T.O. SLAB

-0'-3 3/4"

 $\left( \mathsf{G}\right)$ 

18'-0"

T.O. SLAB

S-302 TYP

- T.O. SLAB -0'-1 1/2"

4'-9"

1'-0"

T.O. SLAB

T.O. GRATE -

T.O. SLAB -0'-1 1/2"

-0'-1 1/2"

3'-4"

T.O. SLAB

SLOPE DN

T.O. SLAB --0'-3 3/4"

28'-0"

3'-4" 1'-5"

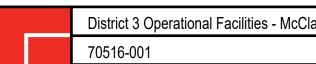
-0'-3 3/4"

16'-0"

4'-9"

OKLAHOMA DEPARTMENT OF TRANSPORTATION

EQUIPMENT SHED/ WASH BAY - FOUNDATION / SLAB PLAN



District 3 Operational Facilities - McClain County

SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION SHEET NO. S-300

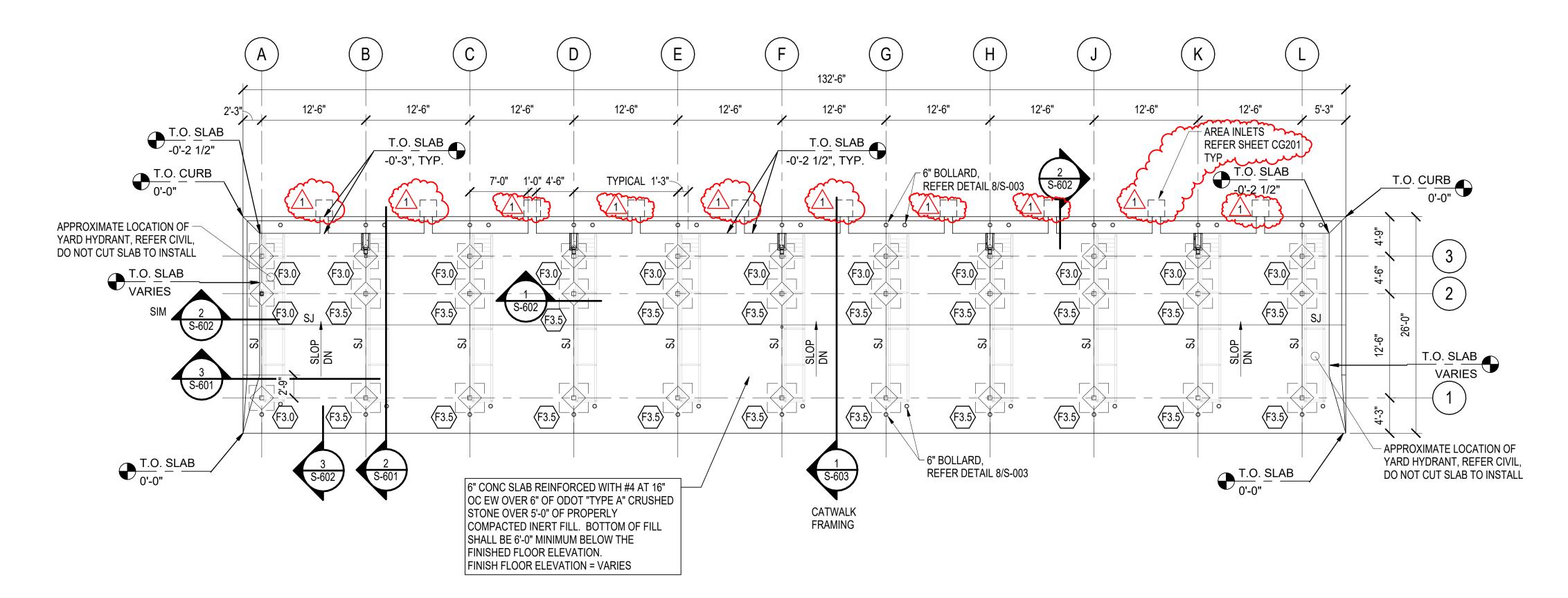
<b>BUILDING OCCUPANCY, CONSTRUCTION &amp; SEPARATION</b>
USE AND OCCUPANCY CLASSIFICATION (IBC, CHAPTER 3)

	USE AND OC	CUPANCY CLASSIFICATION (IBC, CHAI	PTER 3)				
UTILITY AND MISC	TILITY AND MISCELLANEOUS GROUP						
<b>AREA NAME</b>	IBC-CLASSIFICATION	NFPA 101 CLASSIFICATION	OCC. LOAD AREA	OCC. LOAD			
SHED	U - UTILITY	-	3,445 SF	7 (1 OCC / 500 SF)			

<b>GENERAL BUILDING HEIGHT</b>	S AND AREA (I	BC, CHAPTER 5)

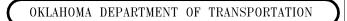
GENERAL E	BUILDING HEIGH	TS AND AREA	A (IBC, CHAPTER
ALLOWABLE BU	ILDING HEIGHTS AND AREAS	BUILDING HEIGHT	S AND AREAS (AS DESIGNED)
GROUP - U	TYPE IIB, FIRE RESISTIVE	GROUP - U	TYPE IIB, FIRE RESISTIVE
HEIGHT (FT)	55 FT (NON-SPRINKLED)	HEIGHT (FT)	16 FT
STORIES	2 (NON-SPRINKLED)	STORIES	1
AREA (PER FLOOR)	8,500	AREA (U)	3,445 SF
ACTUAL BUILDING ARE	<b>A</b>		
TOTAL:		3,445 SQ FT (open w/ roo	f)
THIS BUILDING IS NOT S	SPRINKLED		

TYPES OF CONSTRUCTION (IBC, CHAPTER 6)							
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (IBC, TABLE 601)							
	TYPE IIB						
PRIMARY STRUCTURAL FRAME				0 HR			
BEARING WALLS				0 HR			
EXTERIOR	EXTERIOR						
INTERIOR				0 HR			
NONBEARING WALLS AND PARTITIO	NONBEARING WALLS AND PARTITIONS EXTERIOR						
NONBEARING WALLS AND PARTITIO	NONBEARING WALLS AND PARTITIONS INTERIOR						
FLOOR CONSTRUCTION AND ASSOC	CIATED SECONDARY	MEMBERS (SEE SEC	CTION 202)	0 HR			
ROOF CONSTRUCTION AND SECON	DARY MEMBERS (SE	E SECTION 202)		0 HR			
FIRE RESISTANCE RATING REQ'S FO	OR EXTERIOR WALLS	S BASED ON FIRE SE	PARATION DISTANC	CE (IBC, TABLE 602)			
FIRE SEPARATION = X (FT)	FIRE RA						
FINE SEPARATION - A (FI)	TYPE	OCC. GROUP	REQ.	DESIGN			
FOR EXTERIOR WALLS X ≥ 30	TYPE IIB	U	0	0			



HOPPER RACK - FOUNDATION / SLAB PLAN SCALE: 1/8" = 1'-0"

SPREAD FOOTING SCHEDULE				
MARK	TYPE	REINFORCING	REMARKS	
F3.0	3'-0"x3'-0"x2'-0"	#5 AT 6" OC EW TOP AND BOTTOM		
F3.5	3'-6"x3'-6"x2'-0"	#5 AT 6" OC EW TOP AND BOTTOM		



REVISIONS			
NO.	DESCRIPTION	DATE	
1	ADD #001	Dec. 8, 2025	

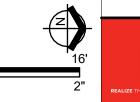
# FOUNDATION PLAN NOTES

- REFER TO SHEETS S-001 THRU S-003 FOR GENERAL NOTES AND TYPICAL DETAILS.
- REFER SHEET S-601 FOR DESIGN CRITERIA.
- 3. STRUCTURAL ELEVATION 0'-0" OR 0" EQUALS CIVIL FINISHED FLOOR ELEVATION.
- 4. REFER TO THE GEOTECHNICAL REPORT AND GENERAL NOTES
- FOR SUBGRADE PREPARATION INFORMATION.
- 5. FOR MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE, REFER TO GENERAL NOTES SHEET S-002.
- 6. PROVIDE BROOM FINISH TO NEW CONCRETE SLAB-ON-GRADE. ALL EXPOSED ENDS OF HSS SHALL BE CAPPED WITH 1/4" PLATE, U.N.O.
- 8. PLUG ANY HOLES IN STEEL MEMBERS WITH PERMANENT MATERIALS.



## OKLAHOMA DEPARTMENT OF TRANSPORTATION

HOPPER RACK - FOUNDATION / SLAB PLAN



District 3 Operational Facilities - McClain County

70516-001

SEPTEMBER 15, 2025 PS&E (IFC) SUBMISSION

SHEET NO. S-600