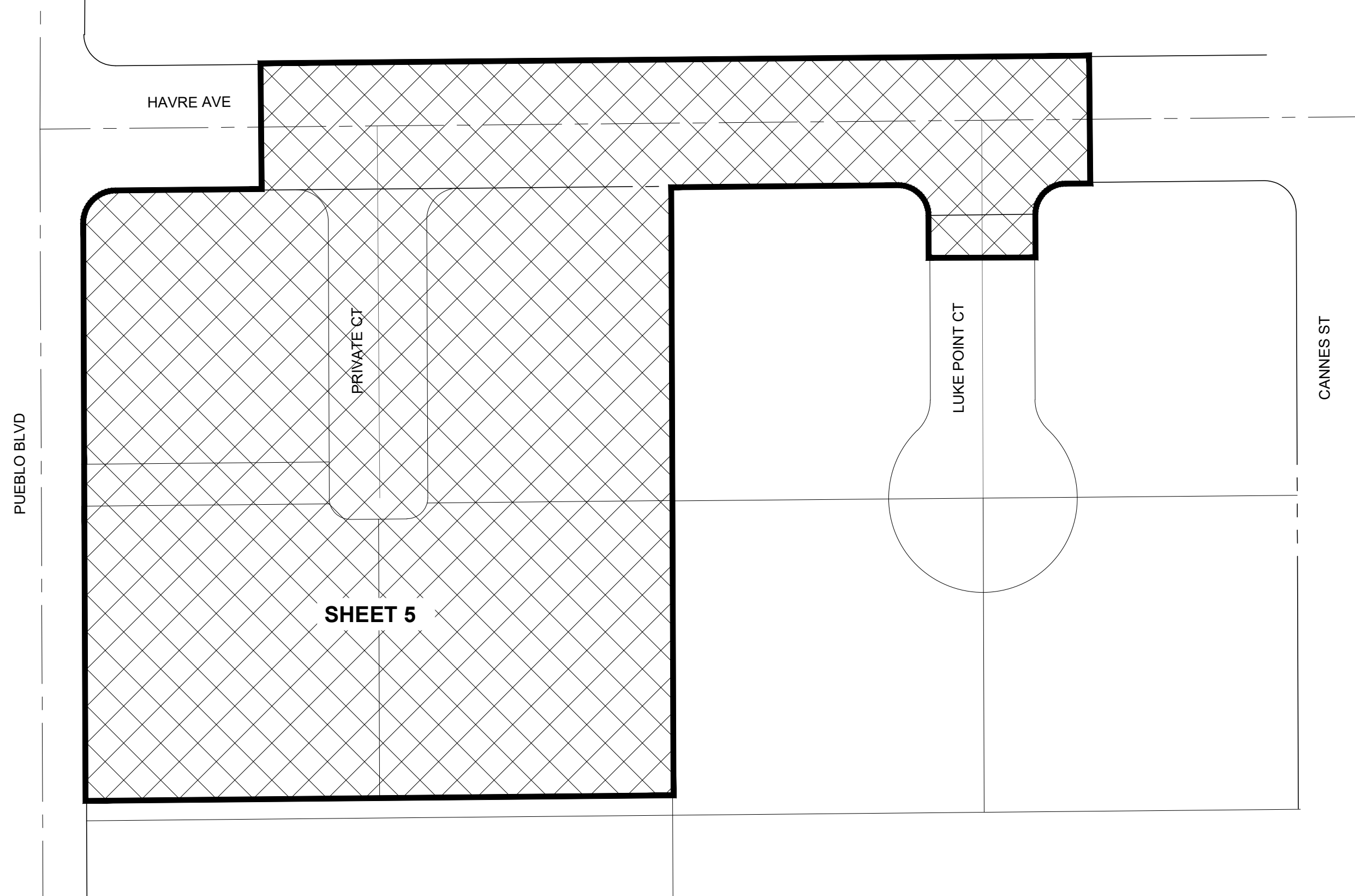
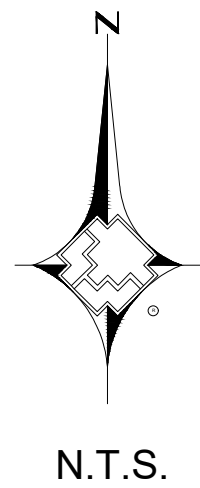


DESIGN LEGEND

EXISTING GAS MAIN	
EXISTING GAS SERVICE	
GAS LINE TO BE ABANDONED	
PROPOSED GAS MAIN	
PROPOSED GAS SERVICE	
STEEL RISER	
ANODELESS RISER	
GASLIGHT	
GAS VALVE	
EXCESS FLOW VALVE	
RELIEF VALVE	
COUPLINGS	
BOND OVER	
TEST POINT	
INSULATOR	
REGULATOR STATION	
RECTIFIER	
ANODE	
SCADA	
METER SET ASSEMBLY	
PURGE POINT	
BRANCH,CVT,LINE STOPPER	
EXISTING EASEMENT	
ROW LINE	
PROPERTY LINE	
STREET CENTERLINE	
EDGE OF PAVEMENT	
CABLE LINE - UNDERGROUND	
ELECTRIC - OVERHEAD	
ELECTRIC - UNDERGROUND	
FIBER OPTIC - UNDERGROUND	
PHONE - OVERHEAD	
PHONE - UNDERGROUND	
RECLAIMED WATER	
SEWER	
STORMWATER	
WATER	
UTILITY PEDESTALS	
FIRE HYDRANT	
MANHOLE	
WATER VALVE	
SURVEY MONUMENT	
POWER POLE	
GAS FLOW ARROW	



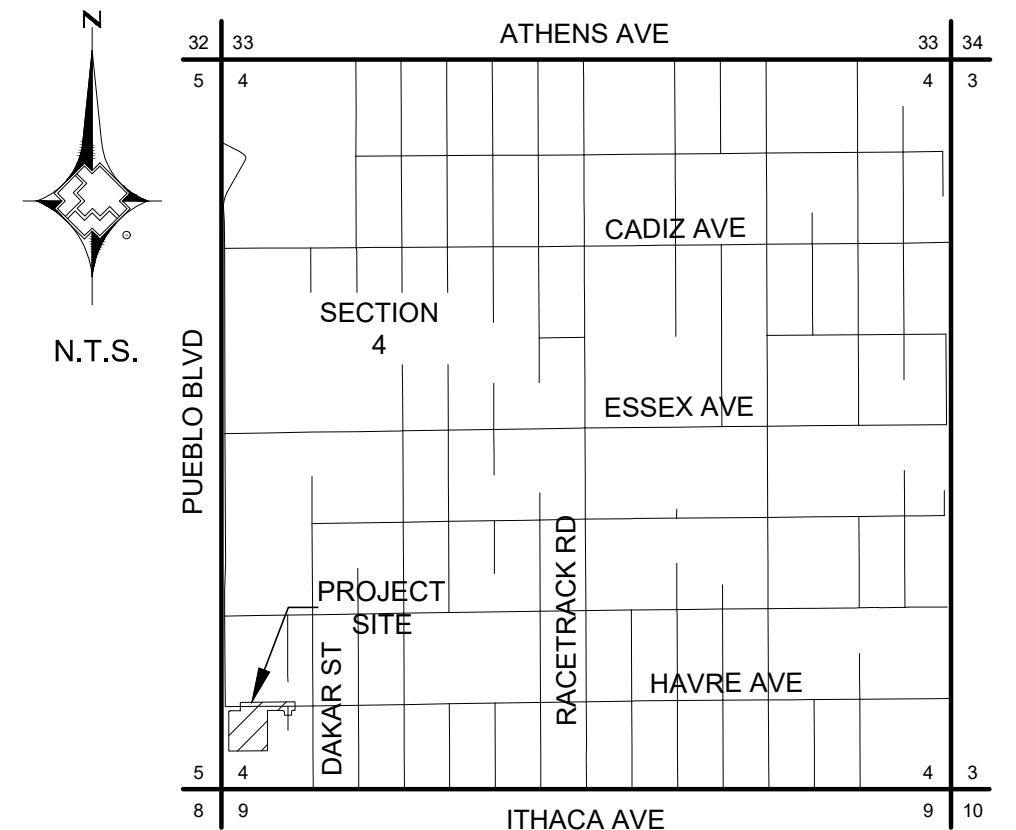
SHEET INDEX MAP

SHEET INDEX

- 1 COVER SHEET
- 2 NOTES AND STANDARD DETAILS
- 3 NOTES AND STANDARD DETAILS
- 4 DETAIL SHEET
- 5 PLAN SHEET

APNs

179-04-401-005
179-04-402-012
179-04-402-005
179-05-811-033



LOCATION MAP
T22S R63E S4

THESE FACILITIES WERE DESIGNED FROM PLANS WHICH WERE PROVIDED BY YOUR CORPORATION OR DESIGNATE. REVISIONS TO SOUTHWEST GAS FACILITIES AFTER INSTALLATION WILL RESULT IN ADDITIONAL CHARGES.

(DEVELOPER)

2/3/26

DATE

ATTENTION
DO NOT SCALE
CONFIRM ALL LOCATIONS
BEFORE CONSTRUCTION WITH
SOUTHWEST GAS

10/6/2025

DATE

AAB3

INITIAL

PLEASE SPECIFY DESIGNATED
UNDERGROUND CONTRACTOR

HENRY CONTRACTING LLC

(NAME OF CONTRACTOR)

Total footage located in Public ROW 368'

APPROVALS:

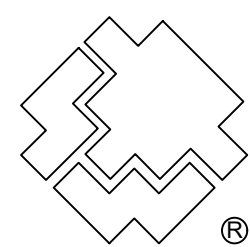
CITY OF HENDERSON

DATE

CUSTOMER 4



Know what's below.
Call before you dig.



SOUTHWEST GAS CORPORATION

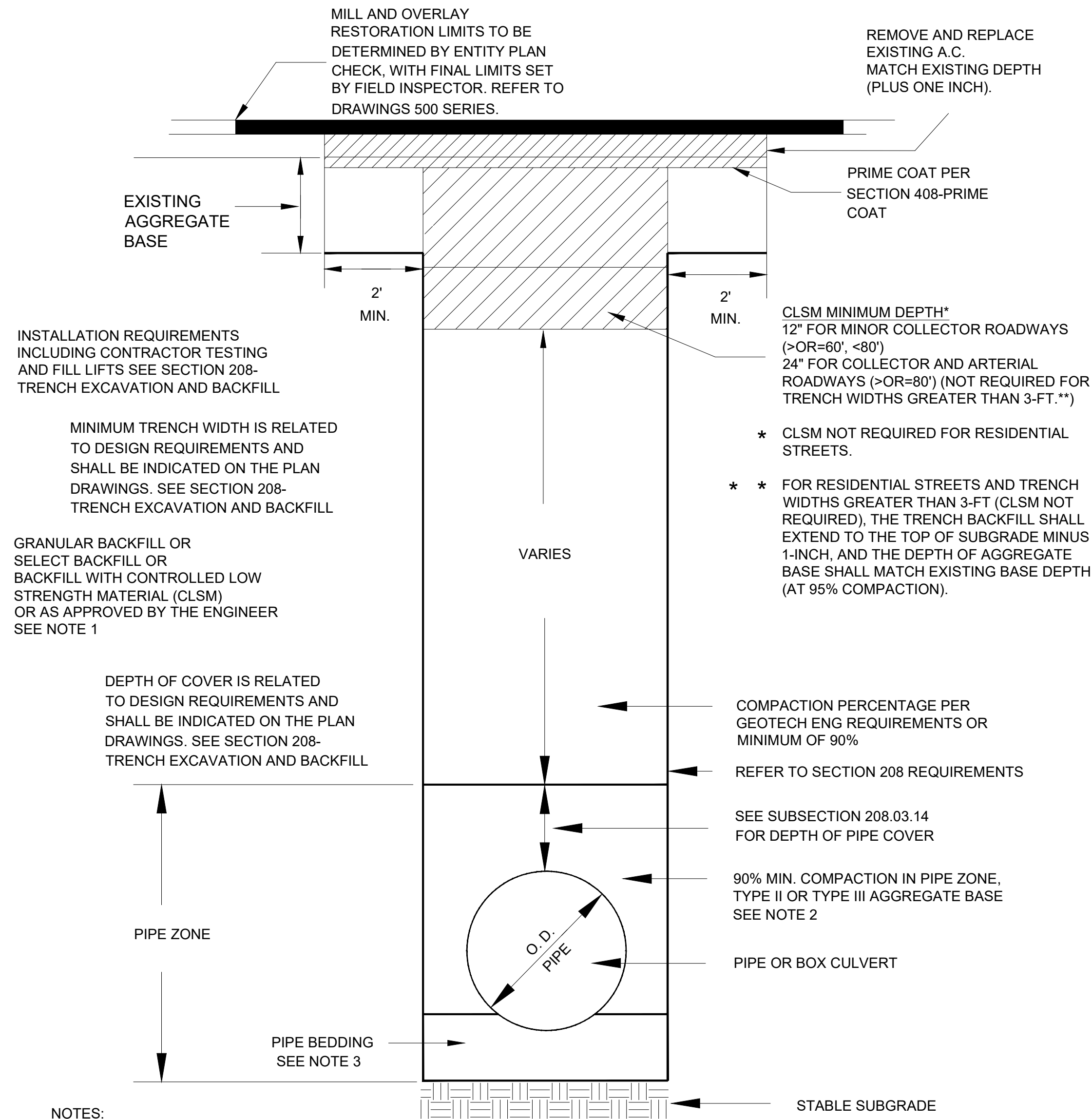
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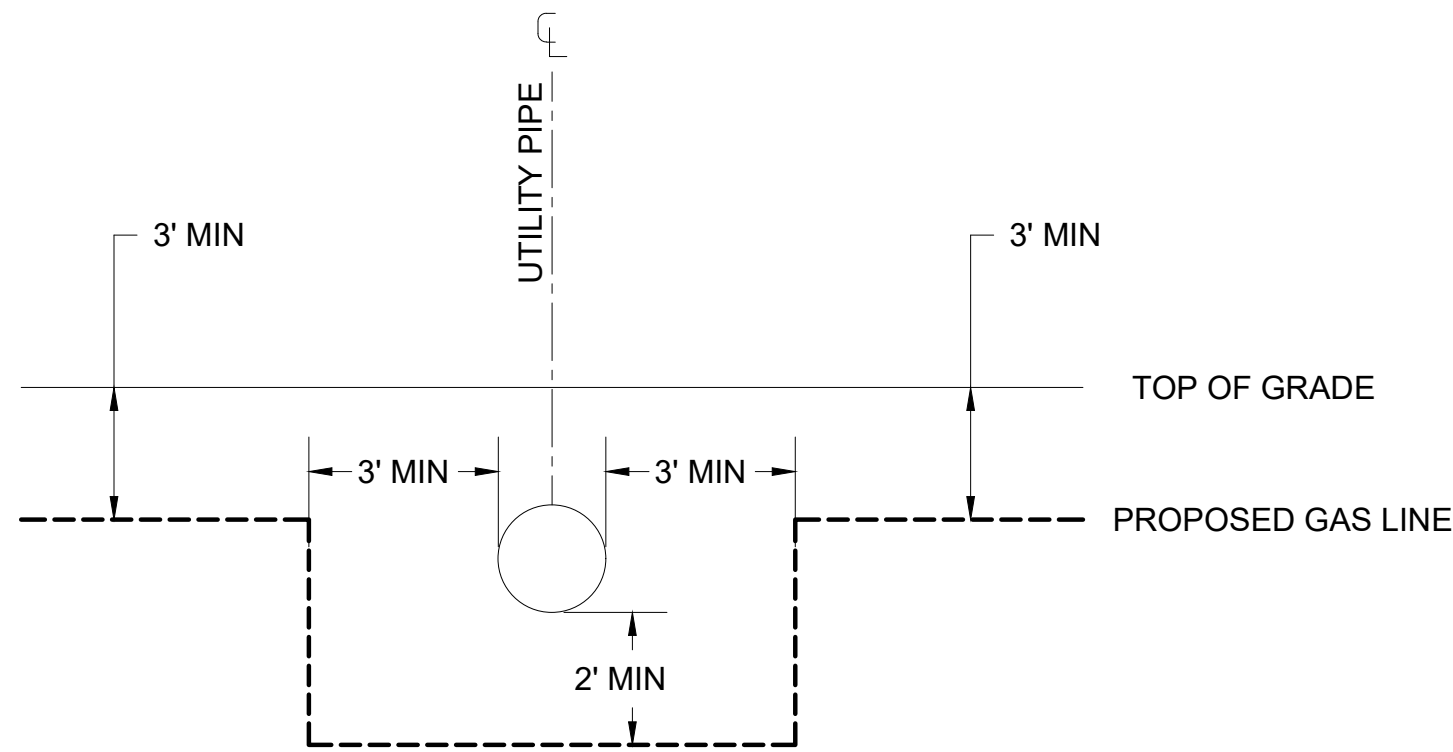
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REVISIONS					D_S_VALLEY		JOB TYPE	WR NO.	ENGINEER/TECHNICIAN	DARSHAN SHETTY	PHONE: (702) 665-7128
					SYSTEM MAOP:	60	HP SERVICE ☐	5584004	ACCOUNT REP.	ASHLEY BAKER <th>PHONE: (702) 994-0621</th>	PHONE: (702) 994-0621
					SYSTEM MOP:	55	DISTRIBUTION ☒		PROJECT CONTACT	JOSEPH DEBLANCO <th>PHONE: (702) 515-6741</th>	PHONE: (702) 515-6741
NO.	DESCRIPTION			BY	DATE	APPVD.	FEEDER ☐		SHEET NO. 1 OF 5	SCALE N.T.S.	DATE 08/27/2025
							DWN. BY BC&F	CHKD. BY DDS	APPVD. BY JM		
PERMIT INFORMATION		ISOLATION AREA	LOCATION	ATLAS OR TILE	N/A		TRANS. BY DEF ☐	RELATED WR NO.S	SEEBOK SUBDIVISION		
CITY OF HENDERSON TAX CODE: 02-0505		ISO_21_DIST_277	T22S R63E S4 M.D.M.	X684Y476	SYSTEM MAOP:	N/A	TRANS > 20% ☐	N/A			
					SYSTEM MOP:	N/A					

- SUGGESTED GAS LOCATIONS ARE TO CLEAR SUBSTRUCTURES LOCATED IN THE FIELD.
2. ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
3. DO NOT SCALE THIS DRAWING.
4. CHANGE IN PROPOSED MAIN LOCATION MUST BE AUTHORIZED BY SWG ENGINEER PRIOR TO INSTALLATION.
5. GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL.
6. ALL EXISTING UTILITY LOCATIONS TO BE VERIFIED PRIOR TO START OF CONSTRUCTION.
7. CONTACT ENGINEERING FOR BYPASS INFORMATION.
8. ALL MAIN TIE-INS REQUIRING TEES ARE TO BE FULL-FLOW TEES UNLESS OTHERWISE STATED.
9. ALL SHORING REQUIREMENTS SHALL CONFORM TO APPLICABLE PORTIONS OF THE OPERATIONS MANUAL.
10. REQUEST FOR SURVEYING AND/OR STAKING WILL BE SUBMITTED TO ENGINEERING 72 HOURS IN ADVANCE, MINIMUM.
11. PROPOSED MAIN SHOULD END 3' PAST THE LAST SERVICE FOR MAIN NOT BEING STUBBED FOR FUTURE PHASE(S).
12. MINIMUM TEST DURATION REQUIREMENTS AND GUIDELINES FOR MAIN INSTALLATION IN SYSTEMS <60 PSIG ARE:
 - A. MINIMUM TEST DURATION IS 8 HOURS FOR PIPES 1-1/4-INCHES OR GREATER WITH FOOTAGES BETWEEN 3,001 FEET AND 10,000 FEET
 - B. ALL FOOTAGES GREATER THAN 3,000 FEET REQUIRE A CHART
 - C. CONSTRUCTION SHALL CONTACT ENGINEERING FOR MINIMUM TEST DURATIONS IF THE FOOTAGE TO BE TESTED EXCEEDS 10,000 FEET
13. DRY UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH RTC 501 AND 501.1 FOR HORIZONTAL SEPARATION FROM STORM DRAINS AND SANITARY SEWERS. VERTICAL SEPARATION FROM SANITARY SEWERS MUST BE MINIMUM OF 2-FT IN ACCORDANCE WITH CCWRD DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS REQUIREMENTS.
14. TRENCHING, BACKFILL, AND PAVEMENT/SIDEWALK RESTORATION WILL CONFORM WITH RTC STANDARD 500.5 AND 503 AS APPLICABLE.
15. MAINTAIN MINIMUM 12" VERTICAL SEPARATION AT ALL POINTS OF CROSSING.
16. MAINTAIN A MINIMUM 3' PARALLEL SEPARATION.
17. ANY EXCAVATION EXPOSING LVVWD FACILITIES 24" IN DIAMETER AND LARGER MUST REMAIN OPEN UNTIL INSPECTED BY LVVWD. NO BACKFILL MATERIAL IS TO BE PLACED IN THE EXCAVATION UNTIL APPROVED BY THE LVVWD INSPECTOR. ANY DAMAGE TO THE FACILITIES MUST BE REPORTED TO LVVWD IMMEDIATELY. CONTRACTOR TO CALL (702) 258-7171 TO SCHEDULE LVVWD INSPECTION.
18. THIS PROJECT IS NOT INSTALLING, ABANDONING, OR TYING INTO ANY STEEL GAS FACILITIES.



1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.



TYPICAL UTILITY CROSSING DETAIL

NOT TO SCALE

DESIGN PIPE SUMMARY	
DESIGN QTY.	DESCRIPTION
523'	2" PE8400 (MAIN)
95'	1" PE8400 (SERVICE)
523'	TOTAL (MAIN)
95'	TOTAL (SERVICE)

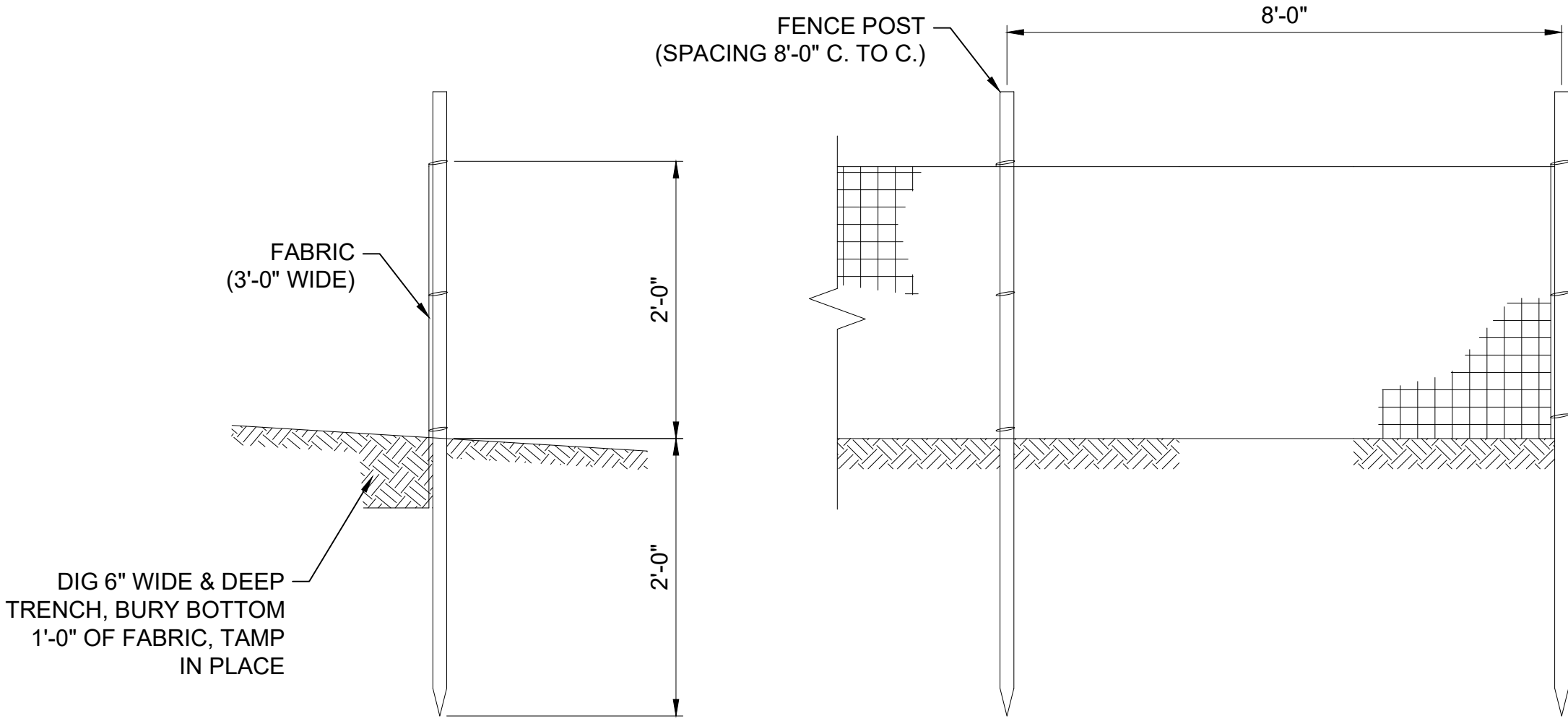
NAP NOT A PART
NTSB NATIONAL TRANSPORTATION SAFETY BOARD

YD YARD(S)

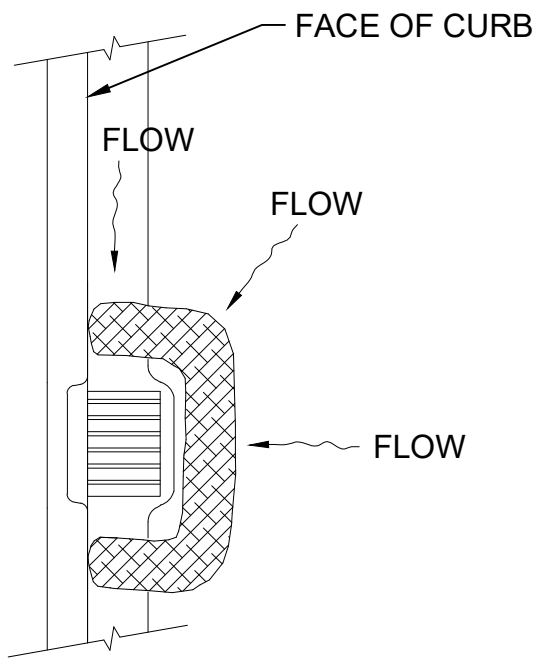
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REVISIONS						D_S_VALLEY		JOB TYPE		WR NO.		ENGINEER/TECHNICIAN		DARSHAN SHETTY		PHONE: (702) 665-7128				
						SYSTEM MAOP:	60	HP SERVICE	☐	5584004		ACCOUNT REP.		ASHLEY BAKER		PHONE: (702) 994-0621				
					SYSTEM MOP:							55	DISTRIBUTION	☒	PROJECT CONTACT		JOSEPH DEBLANCO		PHONE: (702) 515-6741	
															SHEET NO. 2 OF 5		SCALE N.T.S.		DATE 08/27/2025	
NO.	DESCRIPTION			BY		DATE	APPVD.	DWN. BY BC&F							CHKD. BY DDS		APPVD. BY JM			
PERMIT INFORMATION		ISOLATION AREA	LOCATION	ATLAS OR TILE		N/A		FEEDER				RELATED WR NO.S		SEEBOK SUBDIVISION						
CITY OF HENDERSON TAX CODE: 02-0505		ISO_21_DIST_277	T22S R63E S4 M.D.M.	X684Y476		SYSTEM MAOP: N/A		TRANS. BY DEF		N/A										
						SYSTEM MOP: N/A		TRANS > 20%												

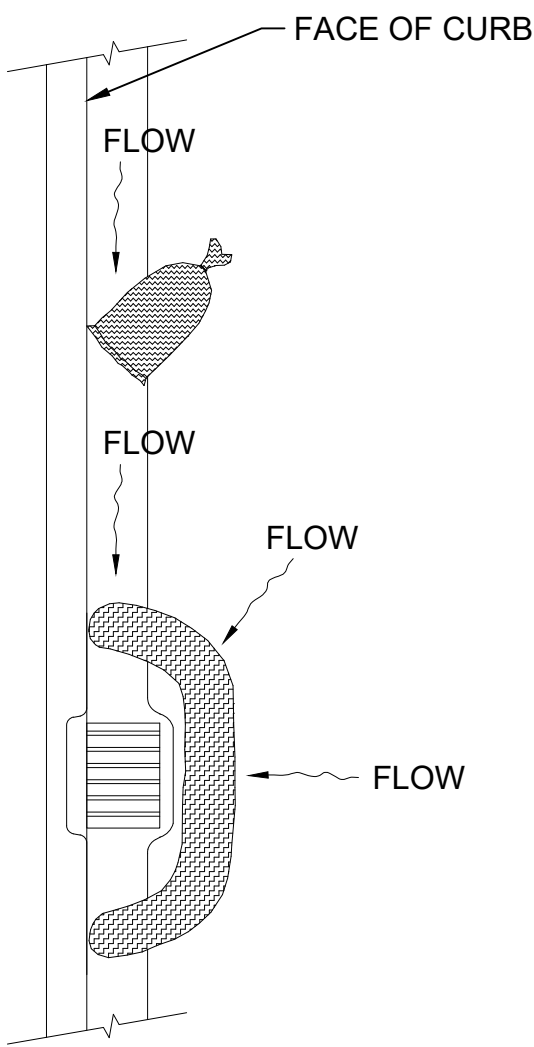
TYPICAL SWPPP BMPs DETAILS



1 SILT FENCE
3 NOT TO SCALE

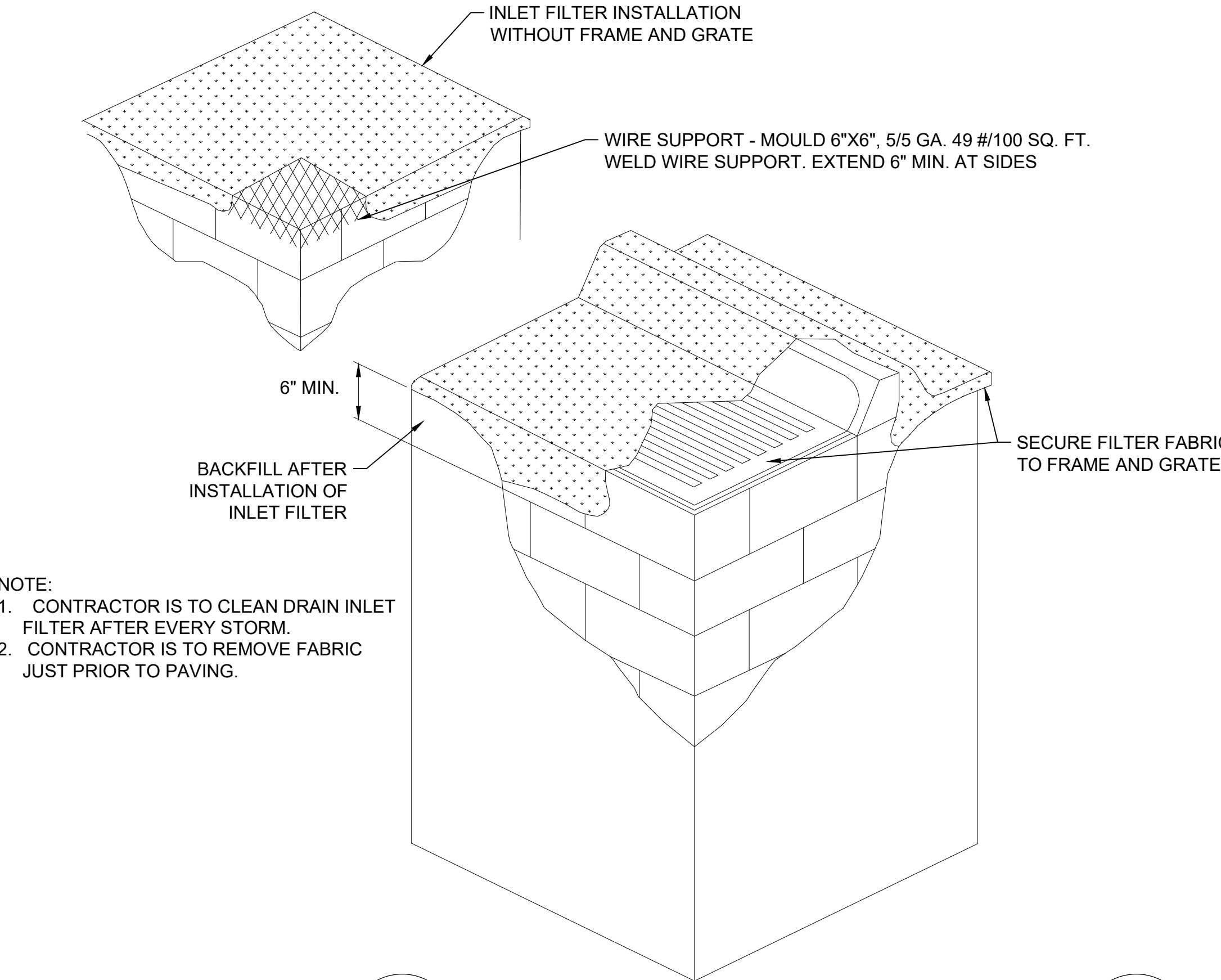


2 FIBER ROLL
3 NOT TO SCALE

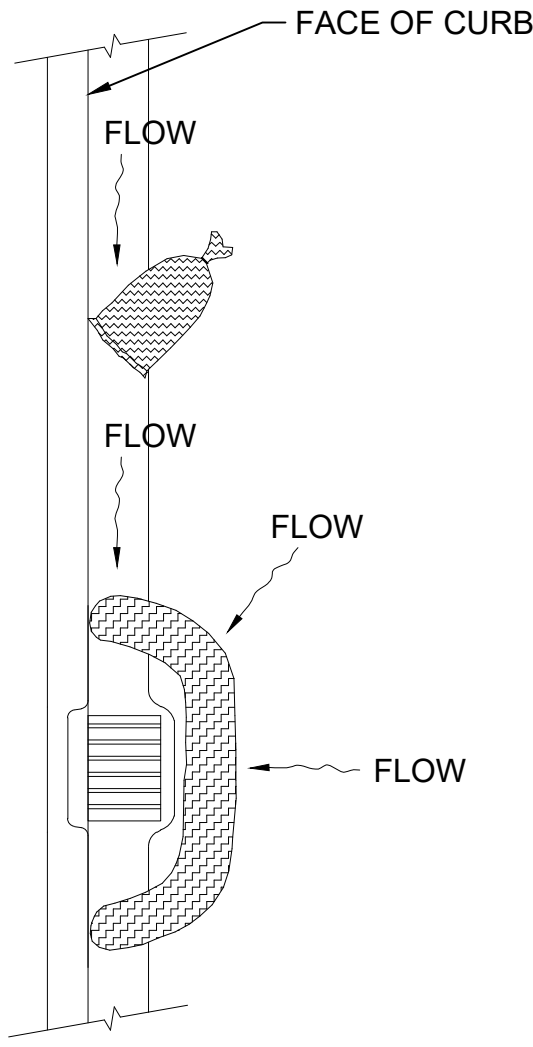


3 SAND BAG / ROLL
3 NOT TO SCALE

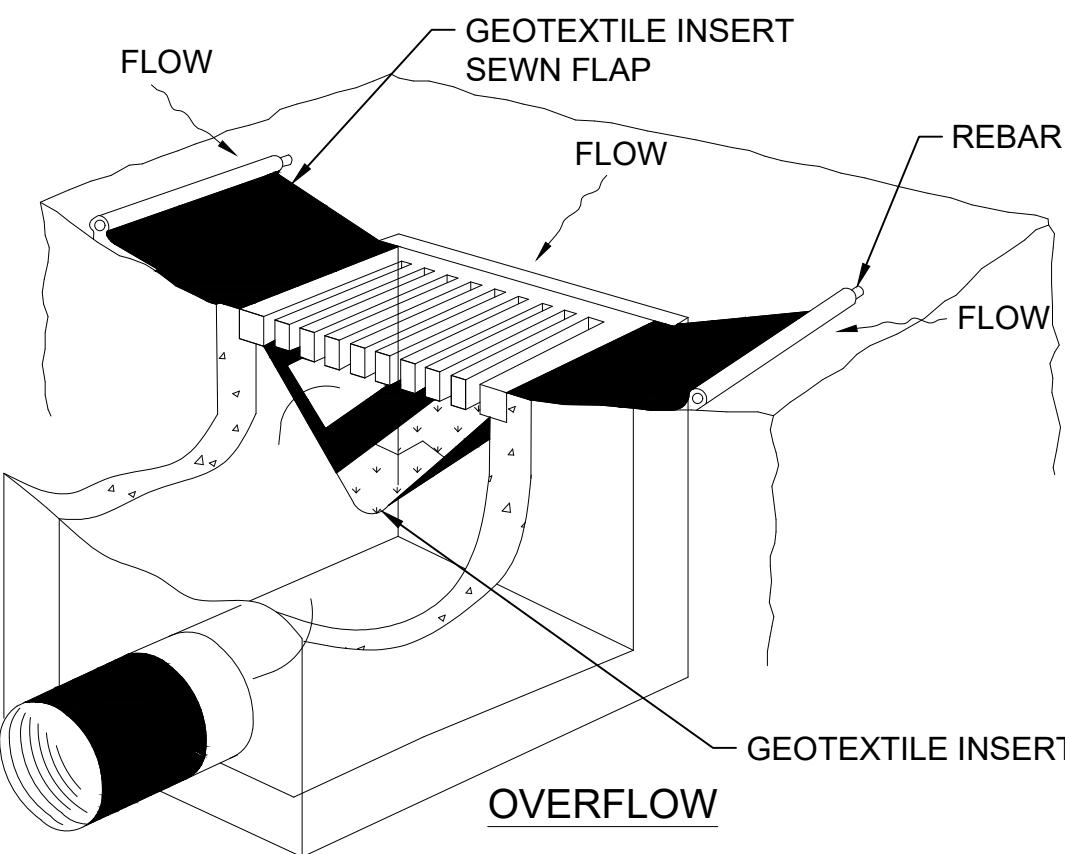
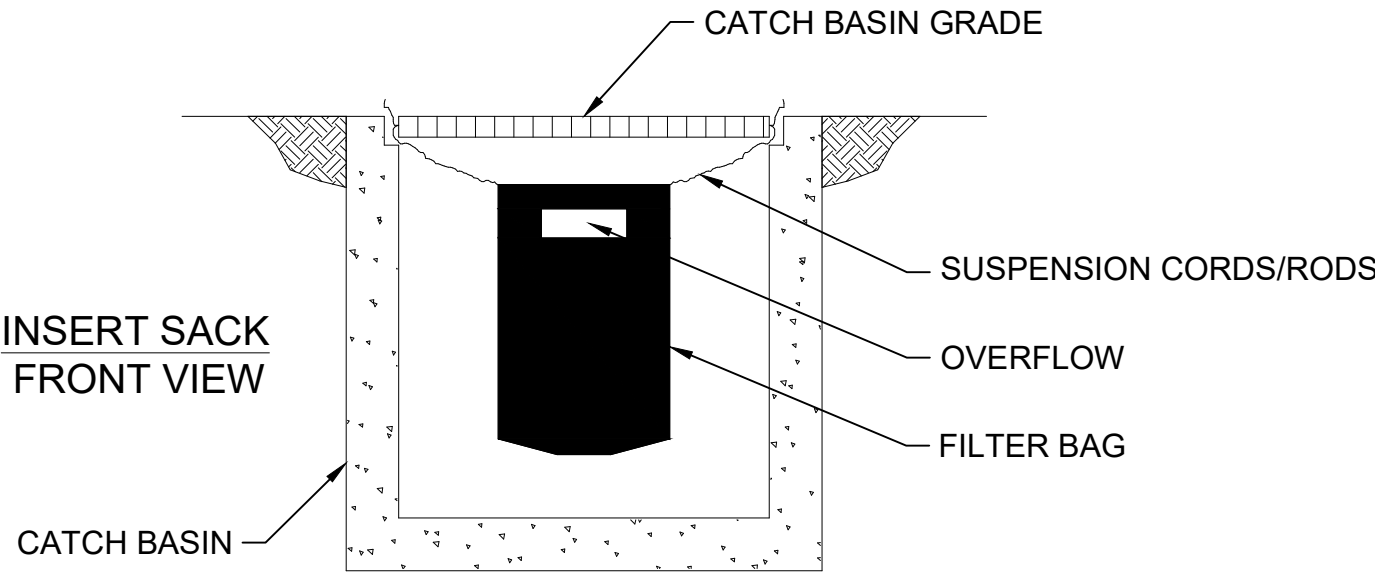
- STORMWATER NOTES**
- SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL INSTALL ONE OF THE APPROPRIATE BMPs FOR THE PROTECTION OF EXISTING STORM DRAIN INLETS, WITHIN OR SIGNIFICANTLY NEAR ANY IMPROVED RIGHT-OF-WAY, FROM DEBRIS AND SEDIMENT RESULTING FROM CONSTRUCTION OF NATURAL GAS FACILITIES.
 - SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM, USING BEST MANAGEMENT PRACTICES DETAILED ON THIS SHEET.
 - ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE LISTED BMPs ON THIS SHEET DO NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CLARK COUNTY CODE - CHAPTER 24.40/STORM SEWER SYSTEM DISCHARGE AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
 - ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.



4 DRAIN INLET FILTER
3 NOT TO SCALE



5 GRAVEL BAG / ROLL
3 NOT TO SCALE



NOTE:
RECESSED CURB INLET MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS.
SIZE OF FILTER FABRIC INLET SACK TO BE DETERMINED BY MANUFACTURER.

6 SEDIMENT FILTER BAG
3 NOT TO SCALE



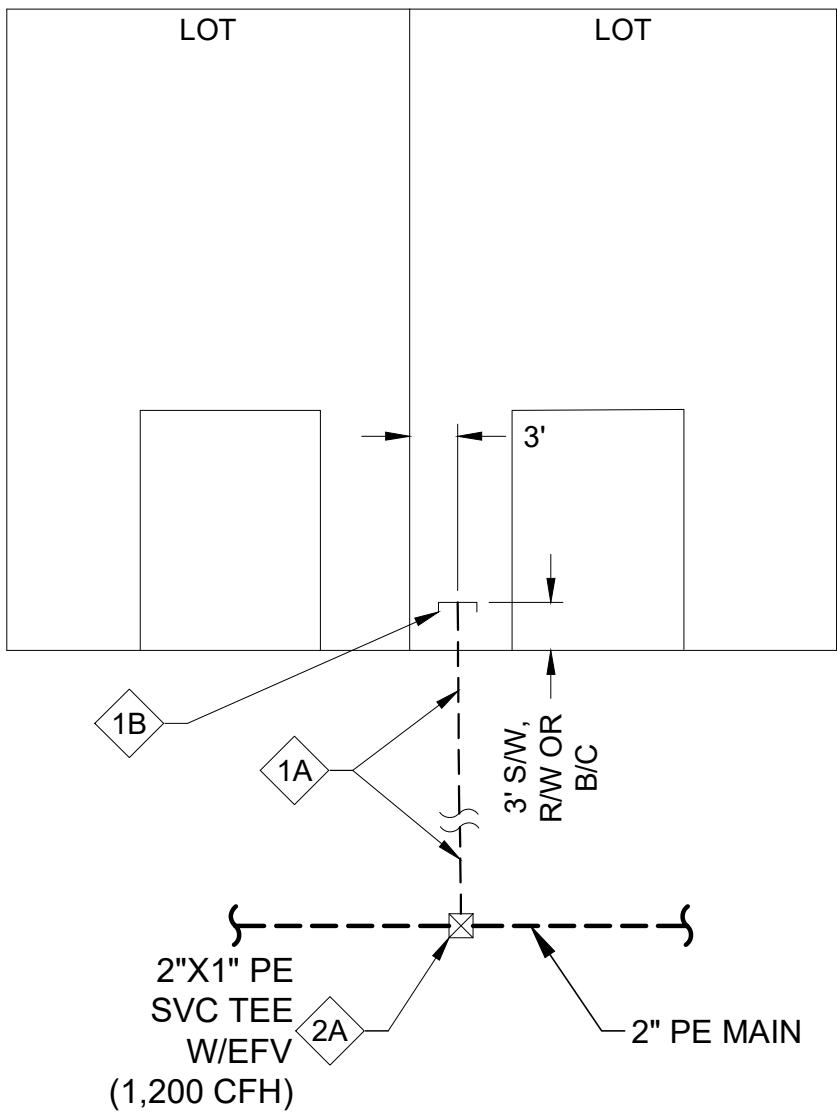
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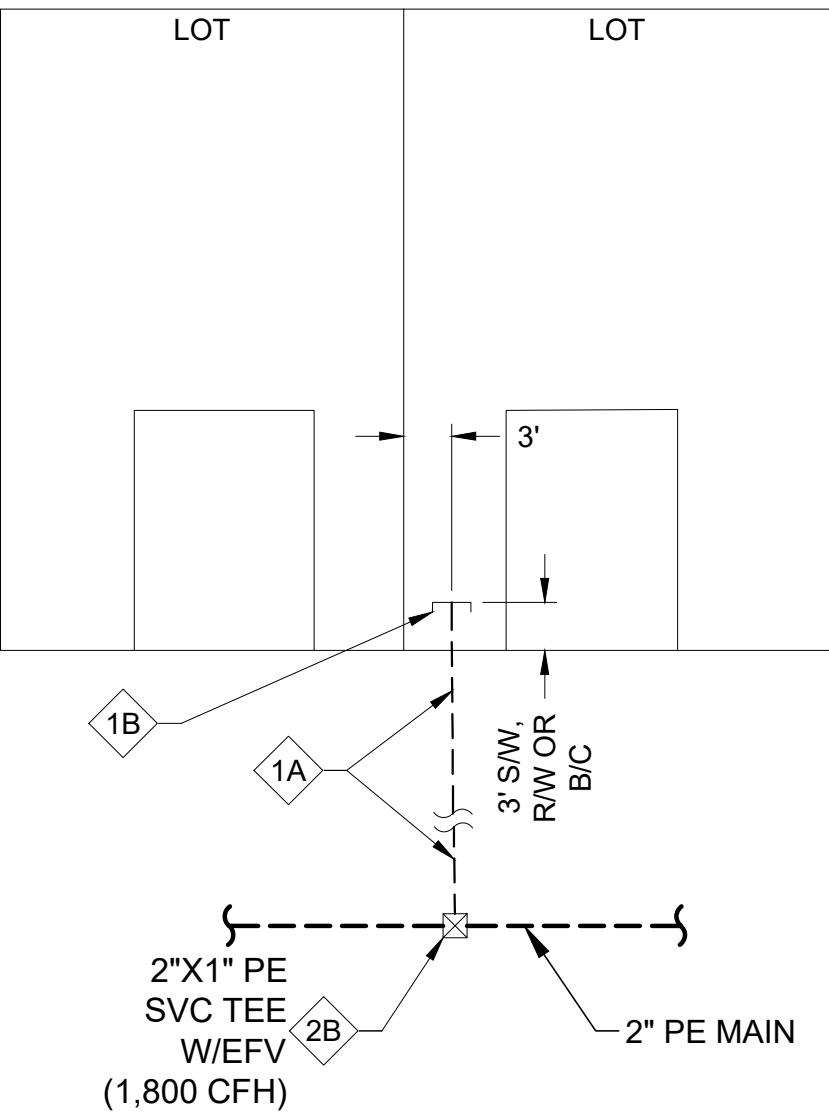
REVISIONS						D_S_VALLEY		JOB TYPE	WR NO.	ENGINEER/TECHNICIAN	DARSHAN SHETTY	PHONE: (702) 665-7128
						SYSTEM MAOP:	60	HP SERVICE ☐	5584004	ACCOUNT REP.	ASHLEY BAKER	PHONE: (702) 994-0621
						SYSTEM MOP:	55	DISTRIBUTION ☒		PROJECT CONTACT	JOSEPH DEBLANCO	PHONE: (702) 515-6741
										SHEET NO. 3 OF 5	SCALE N.T.S.	DATE 08/27/2025
NO.	DESCRIPTION			BY	DATE	APPVD.				DWN. BY BC&F	CHKD. BY DDS	APPVD. BY JM
PERMIT INFORMATION		ISOLATION AREA	LOCATION	ATLAS OR TILE		N/A		FEEDER ☐	RELATED WR NO.S	SEEBOK SUBDIVISION		
CITY OF HENDERSON TAX CODE: 02-0505		ISO_21_DIST_277	T22S R63E S4 M.D.M.	X684Y476		SYSTEM MAOP:	N/A	TRANS. BY DEF ☐				
						SYSTEM MOP:	N/A	TRANS > 20% ☐				

2" DISTRIBUTION MATERIALS LIST (SERVICE)						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2A	2	0	160-8577	TEE TAP 2"X1" W/1200 EFV W/ID RING & VENT CAP RWLY, PA11/PA12	N/A	N/A
2B	1	0	160-8394	TEE TAP 2"X1" W/1800 EFV W/ID RING & VENT CAP RWLY, PA11/PA12	N/A	N/A

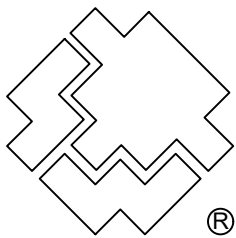
1 1/4" AND BELOW, DISTRIBUTION MATERIALS LIST (SERVICE)						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
1A	95'	0'	101-8575	TUBING 1 INCH CTS PE 8400 500' COIL AUTO COIL PRFP	N/A	N/A
1B	3	0	850-8698	CAP 1" PA11/PA12 LYCO RWLY	N/A	N/A
1C	0'	0'	101-8532	TUBING 1 INCH PE 8400 STRAIGHT PRFP	N/A	N/A



TYPICAL RESIDENTIAL
SINGLE SERVICE
LATERAL DETAIL
4A
5 N.T.S.



TYPICAL RESIDENTIAL
BRANCH SERVICE
LATERAL DETAIL
4B
5 N.T.S.



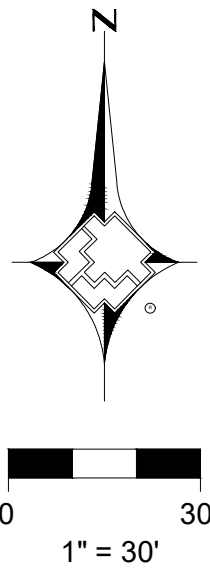
SOUTHWEST GAS CORPORATION

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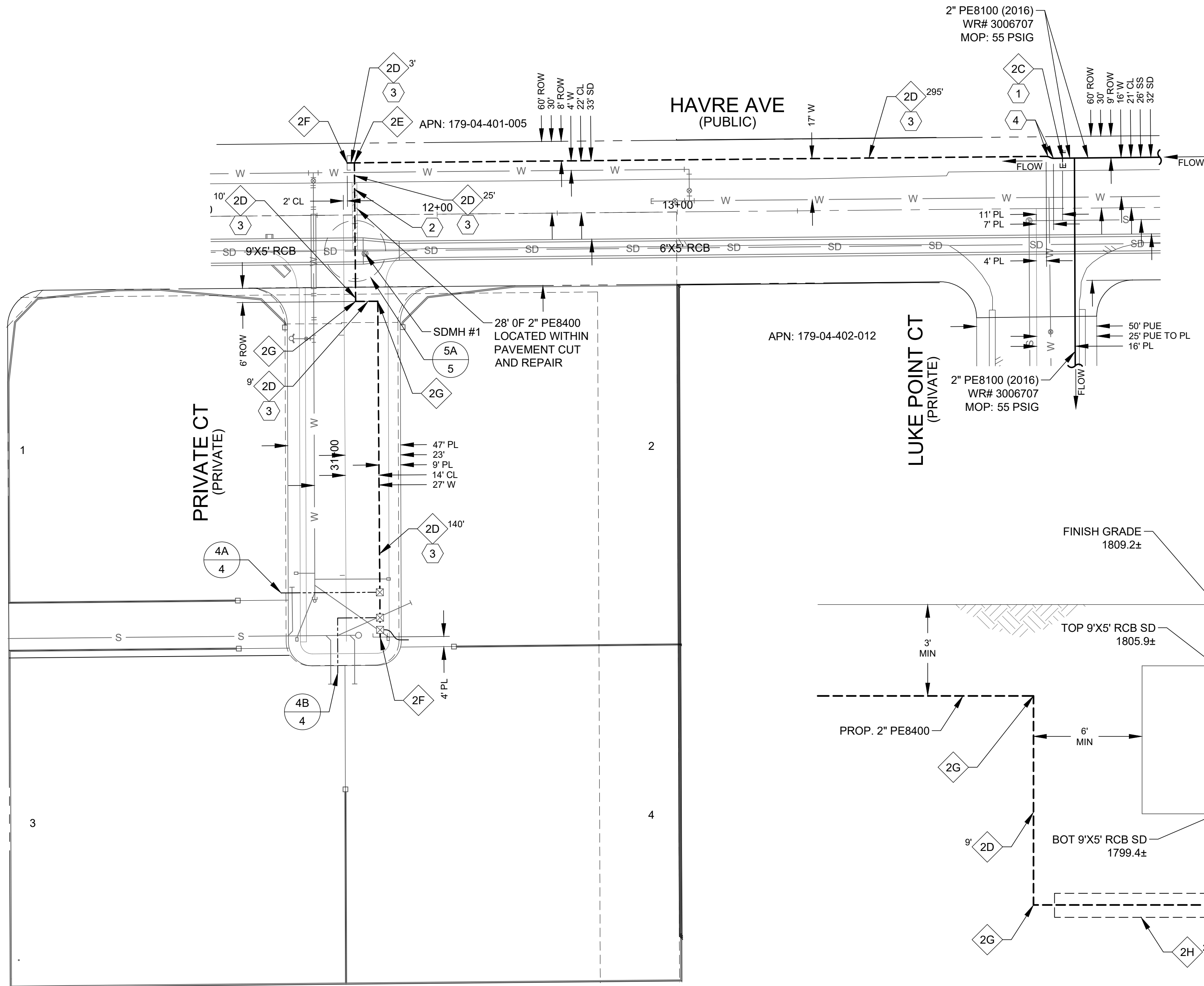
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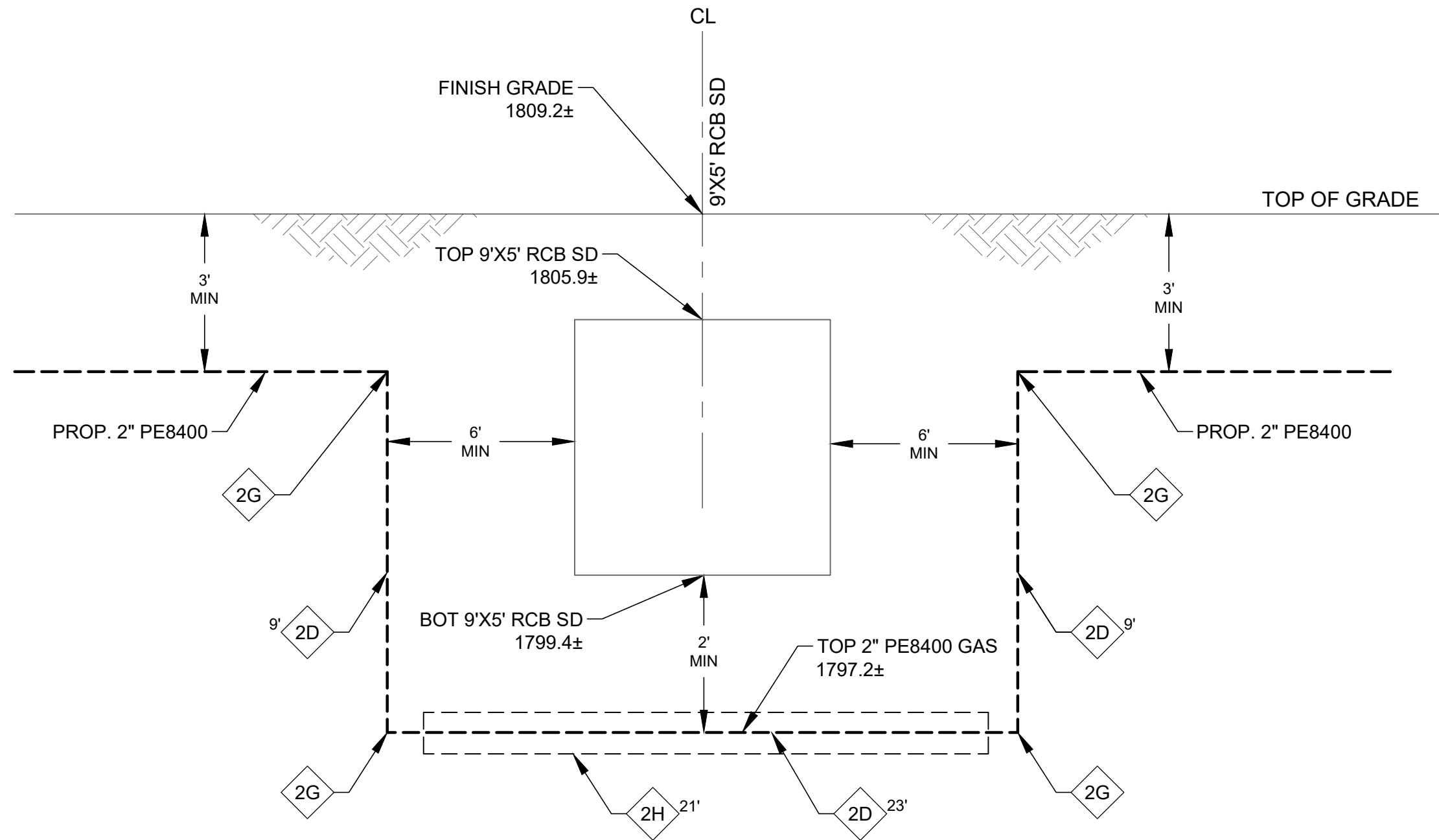
REVISIONS					D_S_VALLEY		JOB TYPE		WR NO.		ENGINEER/TECHNICIAN		DARSHAN SHETTY		PHONE: (702) 665-7128		
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						SYSTEM MOP:	55	DISTRIBUTION	☒		PROJECT CONTACT	JOSEPH DEBLANCO		PHONE: (702) 515-6741			
NO.	DESCRIPTION			BY	DATE	APPVD.					SHEET NO.	4 OF 5	SCALE N.T.S.		DATE 08/27/2025		
											DWN. BY	BC&F	CHKD. BY	DDS	APPVD. BY JM		
PERMIT INFORMATION		ISOLATION AREA	LOCATION	ATLAS OR TILE		N/A		FEEDER		☐	RELATED WR NO.S		SEEBOK SUBDIVISION				
CITY OF HENDERSON TAX CODE: 02-0505		ISO_21_DIST_277	T22S R63E S4 M.D.M.	X684Y476		SYSTEM MAOP:	N/A	TRANS. BY DEF		☐	N/A						
						SYSTEM MOP:	N/A	TRANS > 20%		☐							



APN: 179-05-811-033



APN: 179-04-402-005



STORM DRAIN DROP
5A SECTION DETAIL #1
5 N.T.S.

2" DISTRIBUTION MATERIALS LIST (MAIN)						
CODE	DESIGN QTY.	AS-BUILT QTY.	STOCK ID	DESCRIPTION	SEAM	COATING
2C	1	0	140-3452	COUPLING, 2" PE ELECTROFUSION CPLS, PE3408/PE4710	N/A	N/A
2D	523'	0'	100-5103	PIPE 2" IPS BY SDR11 PE 8400 500 FT COIL PRFP	N/A	N/A
2E	1	0	140-5317	TEE EF 2" IPS PE 4710 MTD	N/A	N/A
2F	2	0	140-2885	CAP EF 2" IPS PE 4710 MTD	N/A	N/A
2G	6	0	140-3825	ELBOW 90 EF 2" IPS PE 4710 MTD	N/A	N/A
2H	21'	0'	100-8997	SLEEVING 3" PVC STRAIGHT BELL END 20FT JOINT NMDA	N/A	N/A
2I	0'	0'	100-5131	PIPE 2" IPS BY SDR11 PE 8400 20 FT JOINT PRFP	N/A	N/A

CONSTRUCTION NOTES	
1	TIE NEW 2" PE8400 INTO EXISTING 2" PE8100
2	RTC 500.5
3	RTC 503
4	ROPE 2" PE8400



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						SYSTEM MOP: 55	DISTRIBUTION ☒		PROJECT CONTACT	JOSEPH DEBLANCO		PHONE: (702) 515-6741		
NO.	DESCRIPTION			BY	DATE	APPVD.			SHEET NO. 5 OF 5	SCALE 1" = 30'	DATE 08/27/2025			
									DWN. BY	BC&F	CHKD. BY	DDS	APPVD. BY	JM
PERMIT INFORMATION		ISOLATION AREA	LOCATION	ATLAS OR TILE		N/A		FEEDER ☐	RELATED WR NO.S		SEEBOK SUBDIVISION			
CITY OF HENDERSON TAX CODE: 02-0505		ISO_21_DIST_277	T22S R63E S4 M.D.M.	X684Y476		SYSTEM MAOP: N/A	TRANS. BY DEF ☐	N/A						
						SYSTEM MOP: N/A	TRANS > 20% ☐							