



TOWN OF PECOS CITY

MEADOWBROOK ADDITION INFRASTRUCTURE PHASE I (PW19-001)

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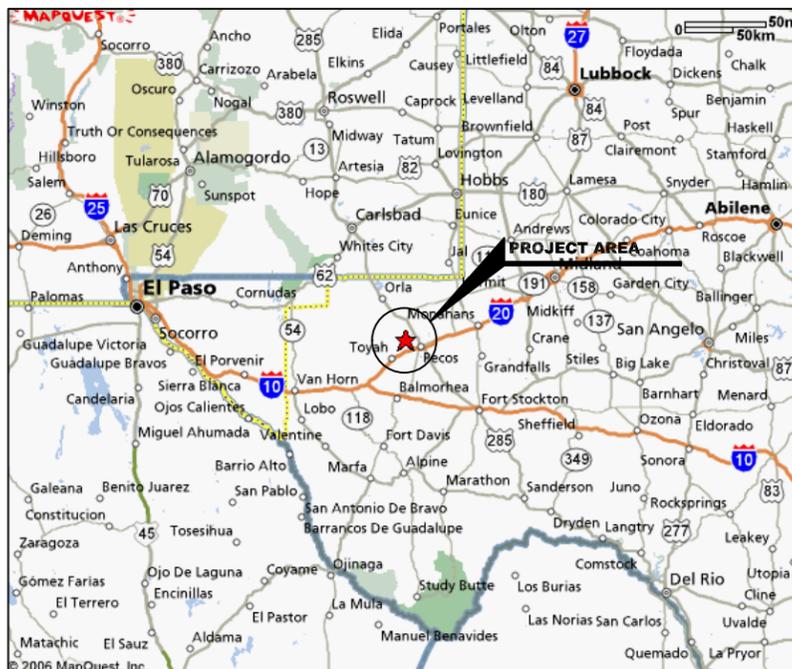
MAYOR
Venneta Seals

MAYOR PRO TEM
Gerald Tellez
COUNCIL MEMBERS

Wally Moon
Veronica Baca
Arthur Orona
Oscar Ornelas Jr.

CITY MANAGER
Seth Sorensen

MARCH 2019



1 LOCATION MAP
NOT TO SCALE



2 PROJECT AREAS
NOT TO SCALE



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ASPHALT PAVEMENT
(SEE SHEET G3)

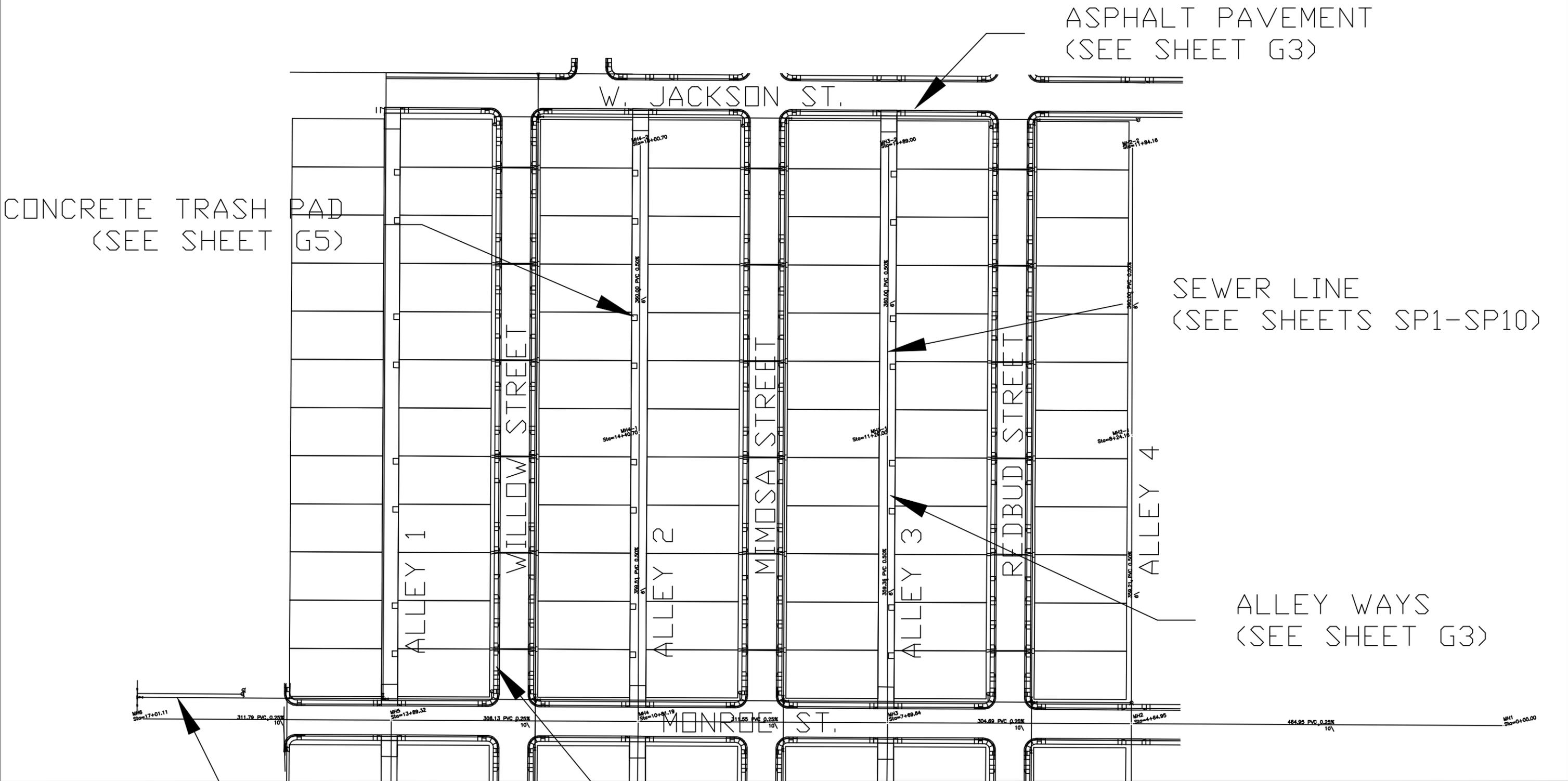
CONCRETE TRASH PAD
(SEE SHEET G5)

SEWER LINE
(SEE SHEETS SP1-SP10)

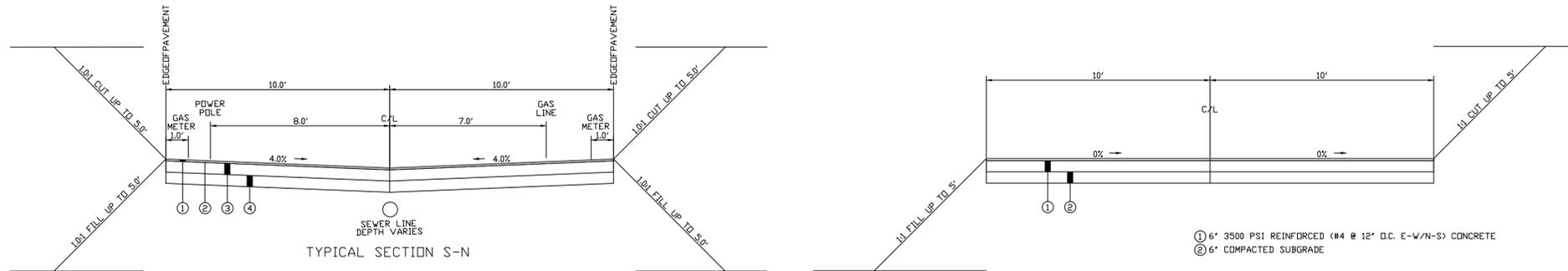
ALLEY WAYS
(SEE SHEET G3)

WATER LINE
(SEE SHEET WL1)

CURB, SIDEWALK, DRIVEWAYS, ADA RAMPS
(SEE SHEET G5)



DRAWN SAS	DATE 2/18/2019	
APPROVED	DATE	
SCALE NTS	SHEET G2	PROJECT NO. PW19-001

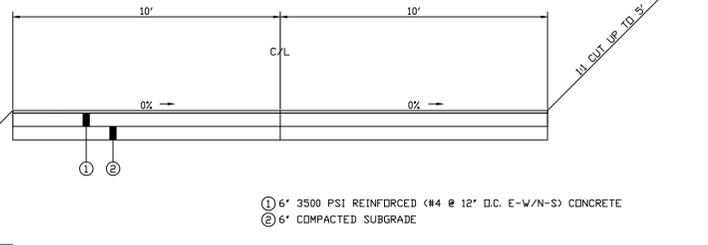


TYPICAL SECTION S-N

- ① 1.0" 3 COURSE CHIP SEAL
- ② 0.0" PRIME CDAT @ 0.30 GAL/SY
- ③ 6.0" CALICHE BASE
- ④ 6.0" COMPACTED SUBGRADE

1 ALLEYWAY TYPICAL CROSS SECTION

N.T.S.

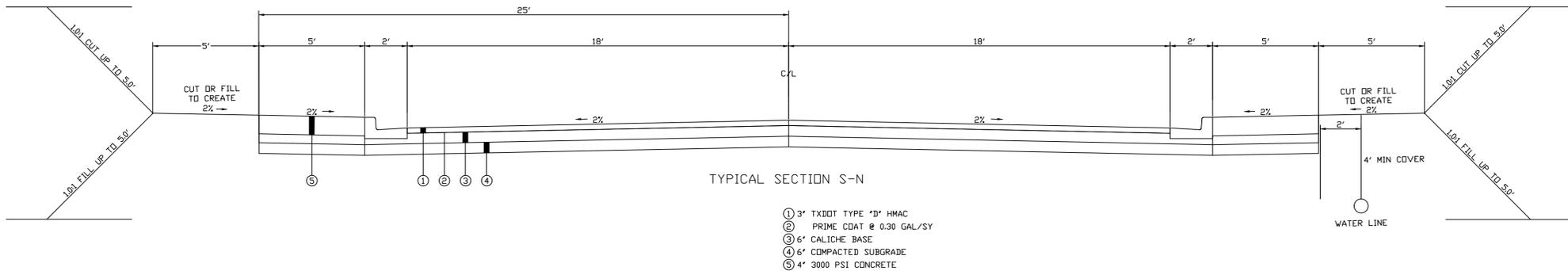


- ① 6" 3500 PSI REINFORCED (#4 @ 12" O.C. E-W/N-S) CONCRETE
- ② 6" COMPACTED SUBGRADE

2 ALLEYWAY TRANSITION TYPICAL CROSS SECTION

N.T.S.

BEGIN STA	END STA
25.0	45.0
736.42	756.42
806.86	826.86

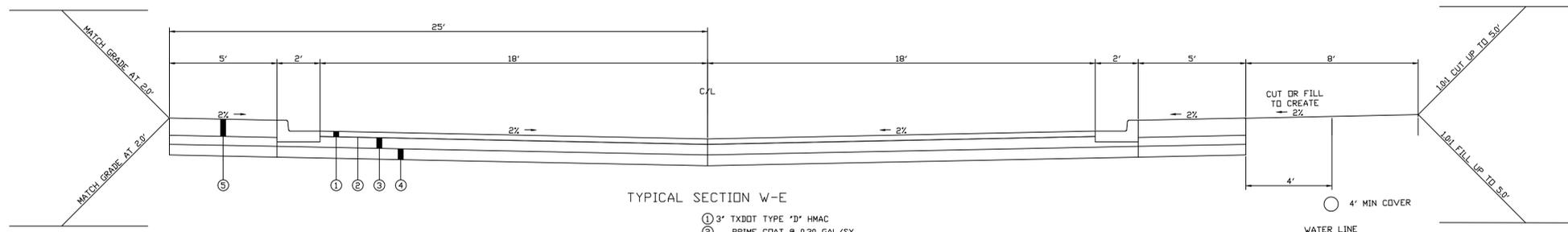


TYPICAL SECTION S-N

- ① 3" TXDOT TYPE "D" HMAC
- ② PRIME CDAT @ 0.30 GAL/SY
- ③ 6" CALICHE BASE
- ④ 6" COMPACTED SUBGRADE
- ⑤ 4" 3000 PSI CONCRETE

3 NEIGHBORHOOD STREETS TYPICAL CROSS SECTION

N.T.S.



TYPICAL SECTION W-E

- ① 3" TXDOT TYPE "D" HMAC
- ② PRIME CDAT @ 0.30 GAL/SY
- ③ 6" CALICHE BASE
- ④ 6" COMPACTED SUBGRADE
- ⑤ 4" 3000 PSI CONCRETE

4 W. JACKSON TYPICAL CROSS SECTION

N.T.S.

GENERAL NOTES:

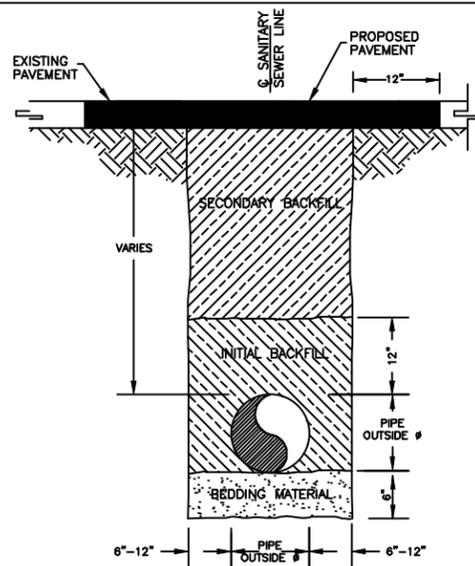
1. THE CONTRACTOR SHALL VISIT AND FAMILIARIZE HIMSELF WITH THE PROJECT SITE PRIOR TO SUBMITTING HIS BID.
2. THE CONTRACTOR SHALL SCHEDULE AND PERFORM HIS WORK SO AS TO INSURE THE SAFE AND SUFFICIENT PASSAGE OF STORMWATER RUNOFF DURING THE COURSE OF HIS OPERATIONS. ALL REQUIRED LABOR, TOOLS, EQUIPMENT AND SUPERVISION SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH THE OWNER, ALL AFFECTED UTILITY COMPANIES AND ALL OTHER ENTITIES HAVING JURISDICTION OVER THE PROJECT.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES PRIOR TO COMMENCING WITH THE WORK. ANY DISCREPANCIES NOTED SHALL BE REPORTED IMMEDIATELY TO THE PROJECT CIVIL ENGINEER. OTHERWISE, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THEIR CORRECTNESS.
5. VIBRATORY ROLLES SHALL NOT BE PERMITTED ON ANY PHASE OF THIS PROJECT.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN STRICT CONFORMANCE WITH ALL CURRENT SAFETY CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO OSHA REQUIREMENTS.
7. CONTRACTOR SHALL INSURE THAT THE SLOPE WITHIN ALL WHEELCHAIR ACCESSIBLE PARKING STALLS AND AISLES DOES NOT EXCEED 2% IN ANY DIRECTION.
8. FINISH GRADING OF SUBGRADE AND BASE FOR THE CURBS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
9. WARNING! BEFORE EXCAVATING, CONTRACTOR SHALL LOCATE AND PROTECT ALL UNDERGROUND UTILITY LINES. CONTRACTOR SHALL REPLACE ANY UTILITIES DAMAGED DURING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR SHALL WATER CONSTRUCTION SITE AREA A MINIMUM OF TWICE A DAY TO KEEP DUST TO A MINIMUM, ONCE IN THE MORNING ON ONCE IN THE AFTERNOON. THIS ALSO IN WEEKENDS AND HOLIDAYS.
11. CONTRACTOR SHALL PREVENT THE EROSION OF SILT, SEDIMENT AND DEBRIS FROM THE CONSTRUCTION SITE ONTO ADJACENT PROPERTIES AND STREETS. THIS MAY BE ACCOMPLISHED THROUGH THE USE OF A GEOTEXTILE FABRIC SILT FENCE OR OTHER APPROVED MEANS.
12. FILL MATERIALS FOR SITE GRADING AND BACKFILL MAY CONSIST OF ONSITE AND/OR IMPORTED MATERIALS IN COMPLIANCE WITH THE FOLLOWING:
 - SHALL BE FREE OF ANY ORGANIC OR DELETERIOUS SUBSTANCE AND SHALL NOT CONTAIN ROCKS OR LUMPS OVER 4 INCHES IN GREATEST DIMENSIONS;
 - SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM D2447. SOILS CLASSIFIED AS GW, GP, GC, GM, GC-GM, GP-GC, SW, SP, SC, SM, SC-SM, SP-SM, SP-SO ARE CONSIDERED SATISFACTORY; SOILS WITH A PLASTICITY INDEX OR GREATER THAN 12 OR IF CLASSIFIED AS PT, OL, OH, ML, CL OR CH SHALL BE CONSIDERED UNSATISFACTORY.
 - THE SURFACE ON WHICH FILL MATERIAL IS TO BE PLACED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 8 INCHES, WATERED TO A ADD THE AMOUNT OF MOISTURE REQUIRED FOR OPTIMUM COMPACTION, AND THEN COMPACTED TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
 - FILL MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES UNCOMPACTED DEPTH, WITH MOISTURE CONTENT AT MORE OR LESS 2% OF OPTIMUM. EACH LIFT SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING IMPROVEMENTS IN THE PROJECT AREA AND ITS VICINITY. ANY DAMAGES RESULTING FROM CONTRACTOR'S WORK SHALL BE REPAIRED TO ITS ORIGINAL BY CONTRACTOR AT NO COST TO THE OWNER.
14. ALL CONCRETE SHALL BE CLASS A (3000 PSI AT 28 DAYS) AND MEET MATERIAL REQUIREMENTS OF "CONCRETE WORK)" OF THE SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED.
15. ALL REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE MATERIAL AND CONSTRUCTION REQUIREMENTS OF "REINFORCING STEEL" OF THE SPECIFICATIONS.
16. CURING SHALL BE MADE BY THE IMPERVIOUS MEMBRANE METHOD AND SHALL MEET THE MATERIAL AND CONSTRUCTION REQUIREMENTS OF "MEMBRANE CURING" OF THE SPECIFICATIONS.
17. CONTRACTOR IS REQUIRED TO ATTEND A PRE-CONSTRUCTION CONFERENCE AND SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO CONSTRUCTION AND PRIOR TO INSPECTION REQUESTS FOR SUBGRADE, BASE, AND CONCRETE PLACEMENT.
18. LABORATORY TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AT THE CONTRACTOR'S EXPENSE. THE FOLLOWING TEST SCHEDULE SHALL BE ADHERED TO:
 - A. SUBGRADE MOISTURE AND DENSITY TEST AT THE RATE OF ONE PER EACH BLOCK, NOT TO EXCEED 550 SY. SPACING;
 - B. FLEXIBLE BASE P.I., L.L. AND GRADATION OF MATERIAL USED, MOISTURE AND DENSITY TEST ON SAME SPACING AS SUBGRADE;
 - C. COMPACTED FILL P.I. SHALL BE A MINIMUM OF 20 TESTS, TESTING SHALL BE PROVIDED FOR 12" LIFT, 1 TEST PER 550 SQUARE YARDS OF STREET;
 - D. CONCRETE - ONE CONCRETE COMPRESSIVE STRENGTH TEST (4 CYLINDERS EACH) FOR EACH DRAINAGE STRUCTURE AND TWO SETS FOR EVERY 800 LINEAR FEET OF CURB WORK.
 - E. ALL TESTING IS THE CONTRACTOR'S RESPONSIBILITY AND COST. COPIES OF ALL TEST RESULTS SHALL BE FURNISHED TO THE ENGINEER.
19. PROOF ROLLING - ALL SUB-BASE AND EACH LIFT OF BASE MATERIAL SHALL BE PROOF-ROLLED TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE NECESSARY EQUIPMENT AND OPERATORS FOR PROOF-ROLLING. SOFT AND YIELDING AREAS DISCOVERED SHALL BE CORRECTED BY THE CONTRACTOR PRIOR TO PRIME COAT AND TWO SURFACE TREATMENT APPLICATIONS.

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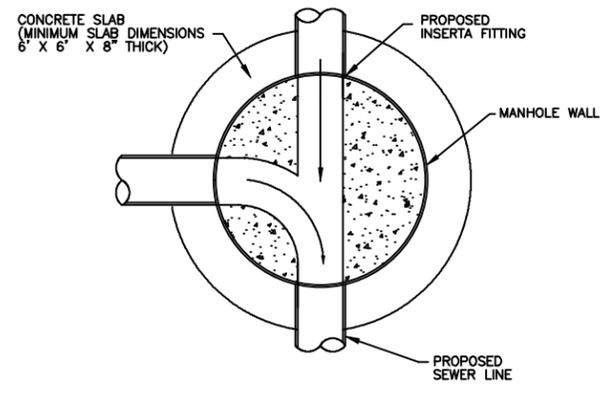
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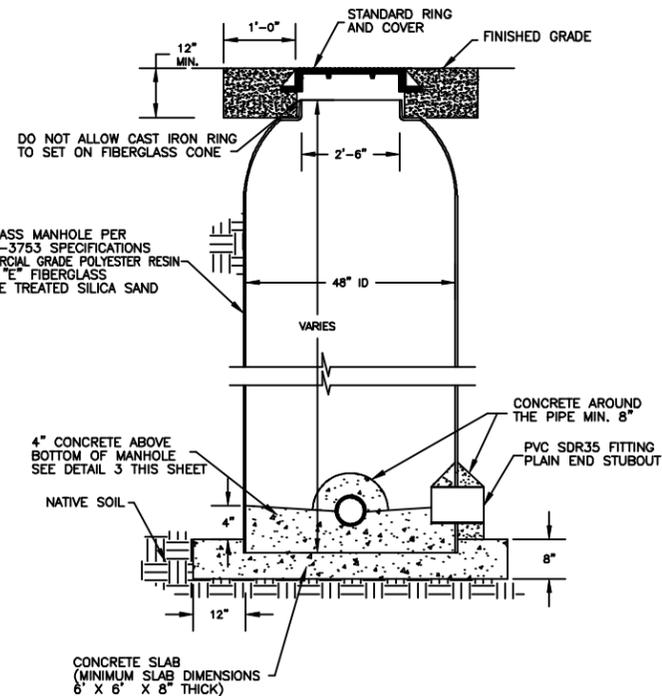
MEADOWBROOK		
DRAWN SAS	DATE 2/18/19	
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SCALE NTS	SHEET G3	PROJECT NO. PW19-001



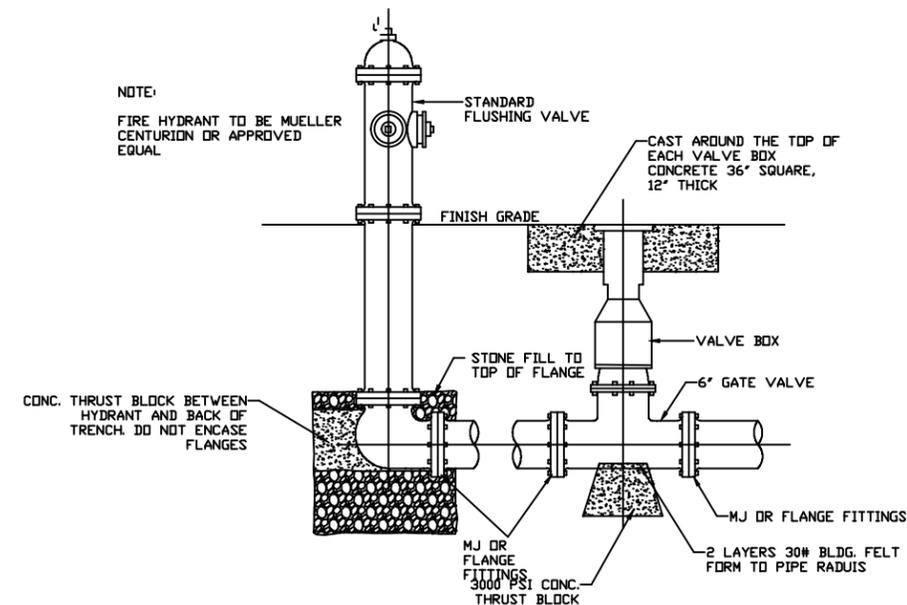
1 PATCH DETAIL
NOT TO SCALE



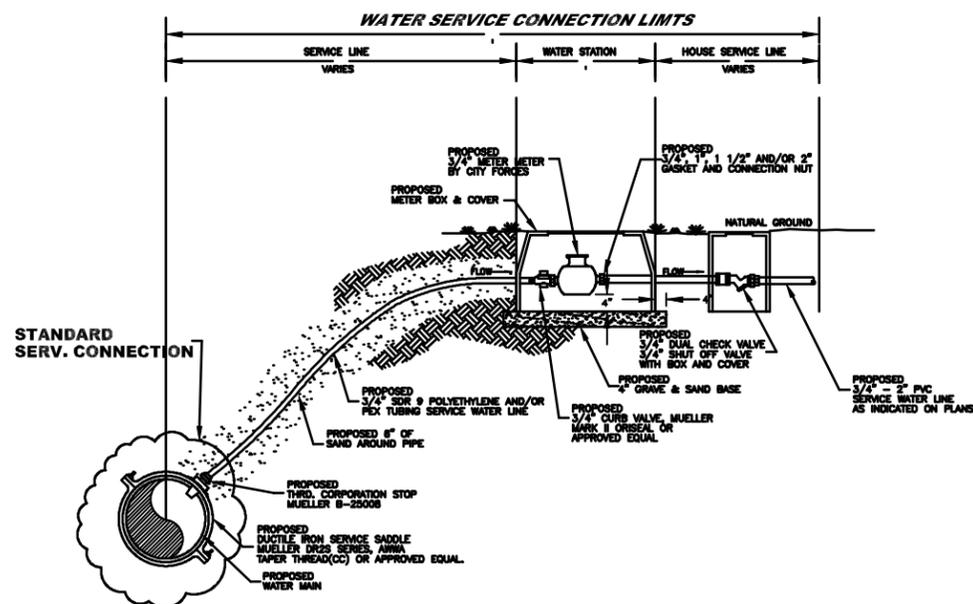
2 MANHOLE FLOOR PLAN
NOT TO SCALE



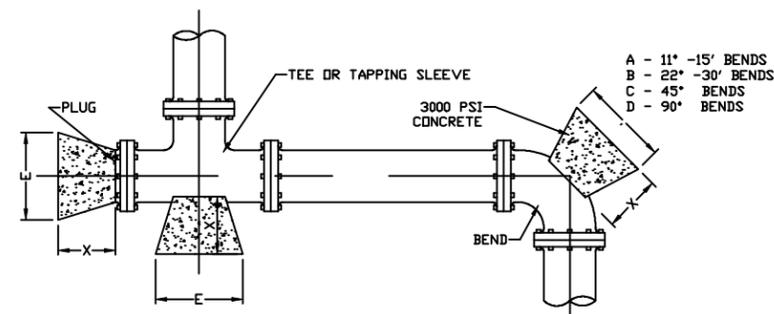
3 FIBERGLASS MANHOLE DETAIL
NOT TO SCALE



4 FIRE HYDRANT DETAIL
NOT TO SCALE



5 WATER SERVICE CONNECTION DETAIL
NOT TO SCALE



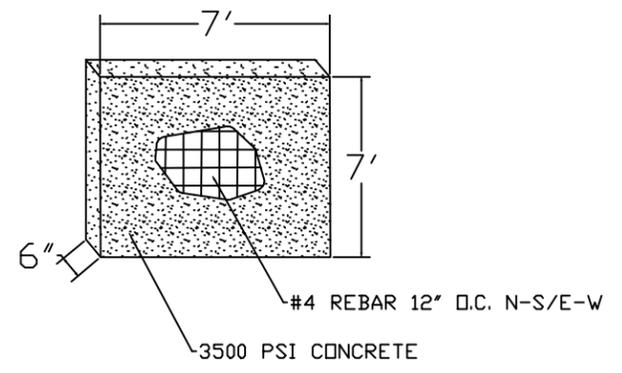
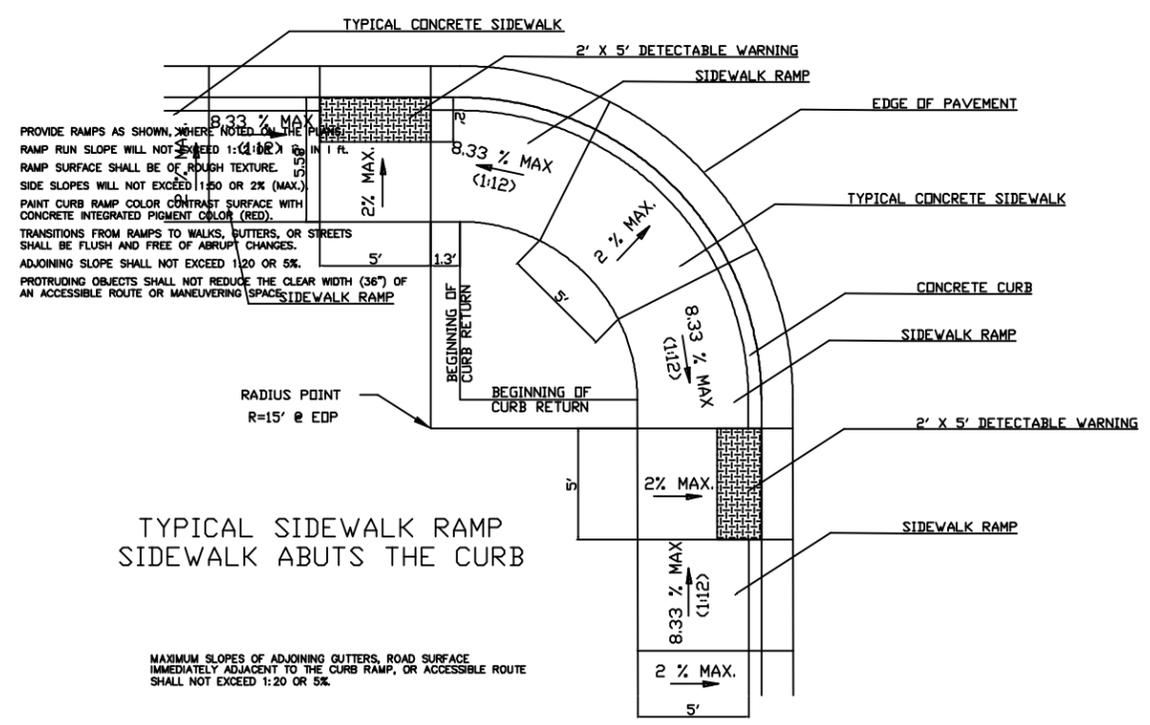
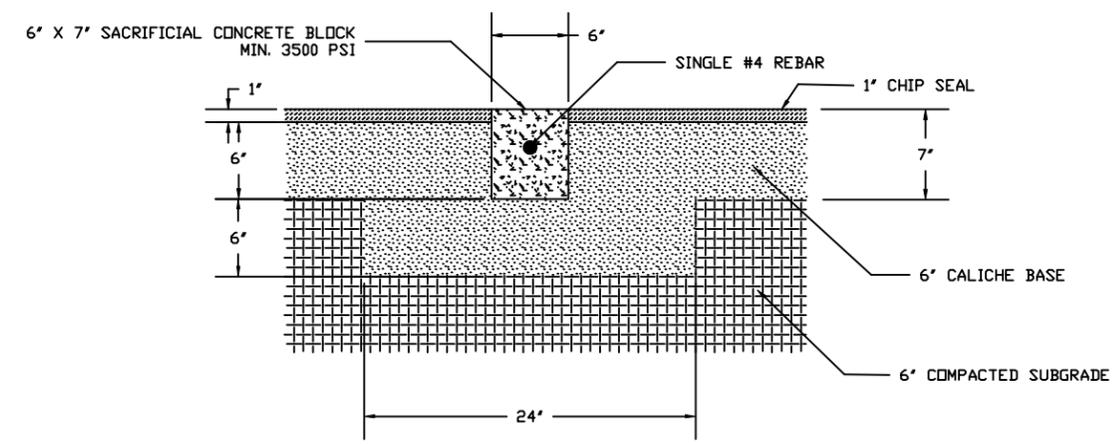
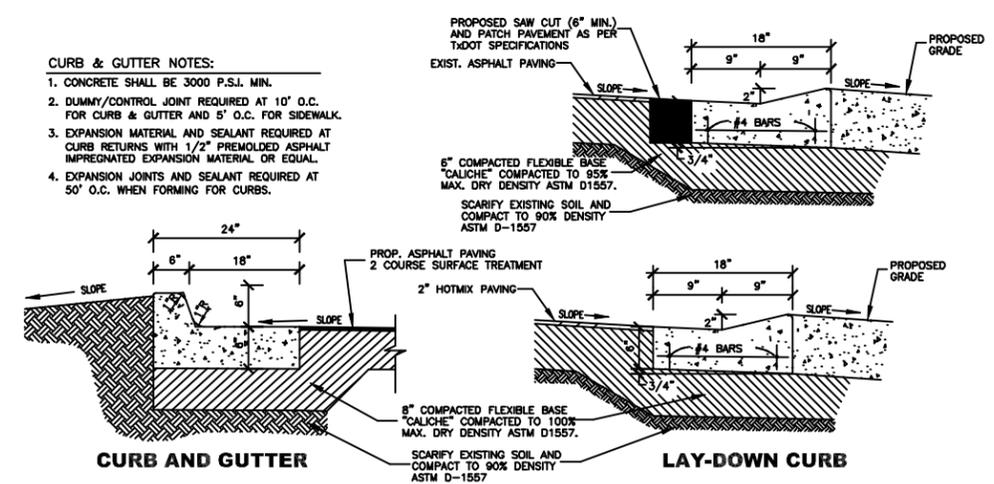
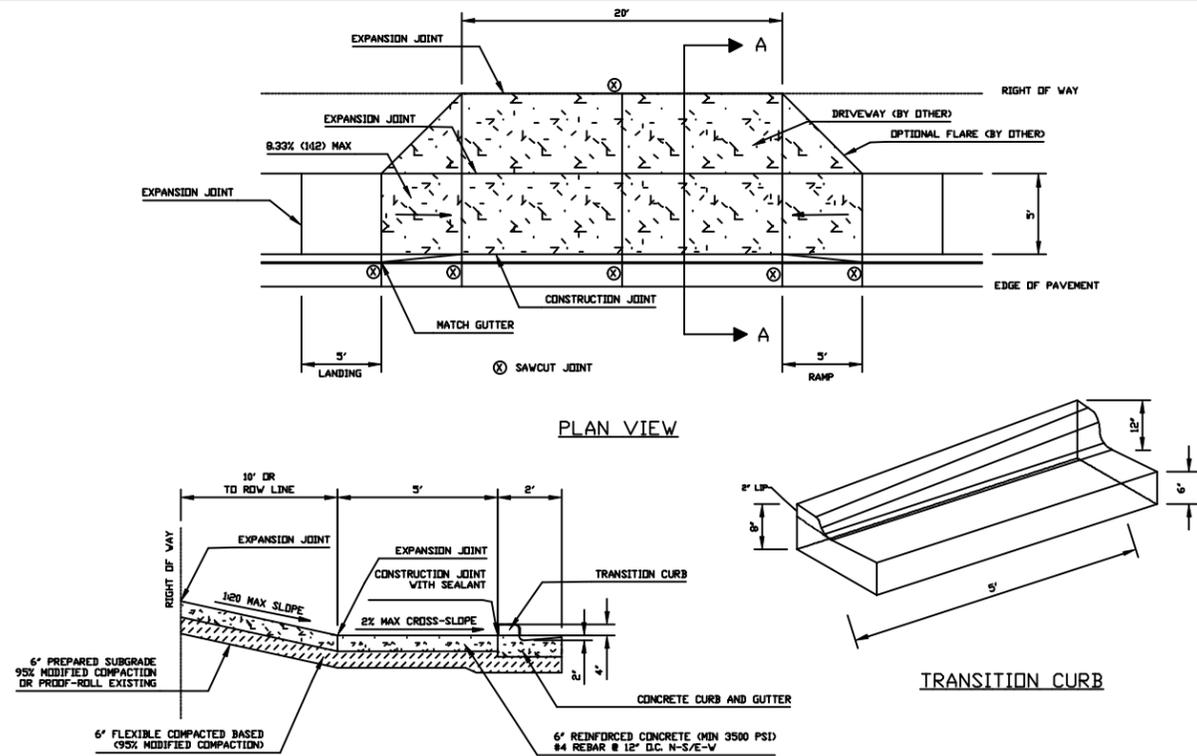
HORIZONTAL BLOCKING TABLE

PIPE SIZE	"X" DIA. FT.	11' -15'		22' -30'		45'		90'		Tee & Plug	
		A	MIN. AREA FT. ²	B	MIN. AREA FT. ²	C	MIN. AREA FT. ²	D	MIN. AREA FT. ²	E	MIN. AREA FT. ²
4"	1.0	0.7	0.5	0.9	0.8	1.3	1.7	1.8	3.1	1.5	2.2
6"	1.5	1.0	0.9	1.3	1.7	1.9	3.4	2.5	6.3	2.1	4.5
8"	1.5	1.2	1.5	1.7	3.0	2.4	5.8	3.3	10.7	2.8	7.7

6 CONCRETE THRUST BLOCK DETAIL
NOT TO SCALE



MEADOWBROOK		
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SCALE NTS	SHEET G4	PROJECT NO. PW19-001



- CURB & GUTTER NOTES:**
1. CONCRETE SHALL BE 3000 P.S.I. MIN.
 2. DUMMY/CONTROL JOINT REQUIRED AT 10' O.C. FOR CURB & GUTTER AND 5' O.C. FOR SIDEWALK.
 3. EXPANSION MATERIAL AND SEALANT REQUIRED AT CURB RETURNS WITH 1/2" PREMOULDED ASPHALT IMPREGNATED EXPANSION MATERIAL OR EQUAL.
 4. EXPANSION JOINTS AND SEALANT REQUIRED AT 50' O.C. WHEN FORMING FOR CURBS.

PROVIDE RAMPS AS SHOWN, WHERE NOTED ON THE PLANS. RAMP RUN SLOPE WILL NOT EXCEED 1:1.20. RAMP SURFACE SHALL BE OF ROUGH TEXTURE. SIDE SLOPES WILL NOT EXCEED 1:50 OR 2% (MAX.). PAINT CURB RAMP COLOR CONTRAST SURFACE WITH CONCRETE INTEGRATED PIGMENT COLOR (RED). TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. ADJOINING SLOPE SHALL NOT EXCEED 1:20 OR 5%. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH (36") OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.

NOTES:

CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION TO COMPLETE THE PROJECT TO THE GRADES AS INDICATED ON THE PLANS OR AS DIRECTED BY THE TOWN OF PECOS CITY (NO SEPARATE PAYMENT)

EXCESS EXCAVATED MATERIAL TO BE DISPOSED AT LOCATIONS SHOWN ON THE PLANS AND SPREAD OUT AND AS DIRECTED BY THE TOWN OF PECOS CITY

CONTRACTOR TO REMOVE AND DISPOSE EXISTING PAVEMENT ON STREETS TO BE PAVED. (NO SEPARATE PAVEMENT)

NOTE: ALL STREET GRADES WERE REQUIRED TO BE DESIGNED AT MINIMUM SLOPE, CONTRACTOR SHALL TAKE EXTREME CARE IN CONSTRUCTING ALL STREET GRADES AND SLOPES AT THE GRADES INDICATED ON THE PLANS. CONTRACTOR MUST ADHERE TO THE DESIGN SLOPES AND GRADES.

"CAUTION" BURIED GAS LINES, CONTRACTOR SHALL CONTACT GAS COMPANIES BEFORE DIGGING.

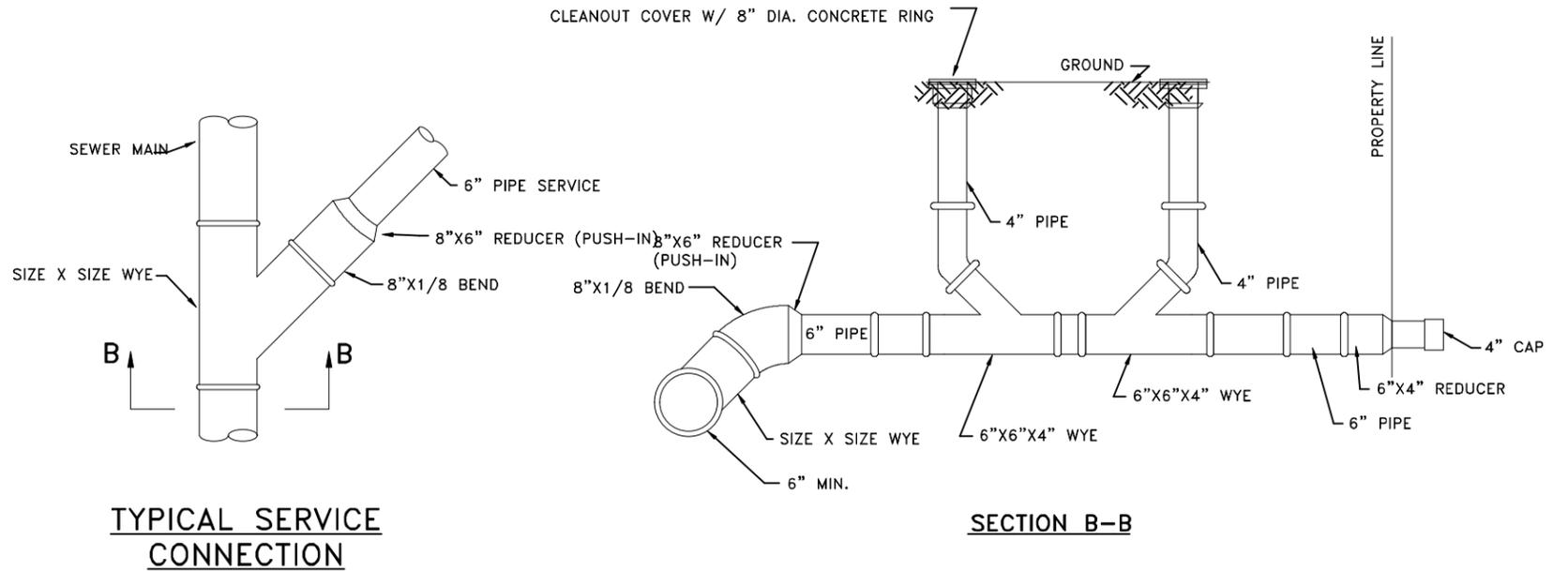
CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ORIGINAL OR BETTER CONDITION ANY DAMAGE DONE TO EXISTING FENCES, LAWNS, CONCRETE ISLANDS, CURBS, OR CONCRETE DRIVEWAYS, SIGNS POLES. NO SEPARATE PAY ITEM.



MEADOWBROOK		
DRAWN SAS	DATE 2/18/19	
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SCALE NTS	SHEET G5	PROJECT NO. PW19-001

WATER & SEWER GENERAL NOTES:

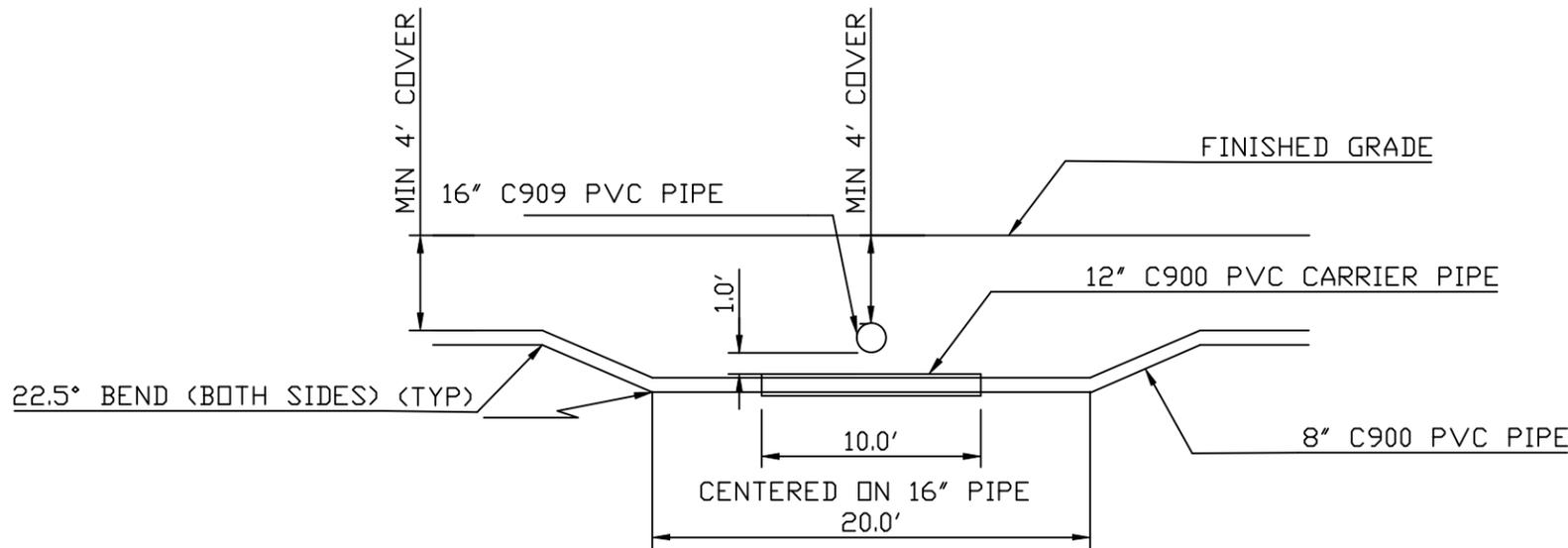
1. TRENCH EXCAVATION PROTECTION: CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT. SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH AS A MINIMUM OSHA STANDARDS FOR TRENCH EXCAVATIONS, SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.
2. ALL WORK TO BE DONE UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH TCEQ WATER UTILITIES DIVISION - RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS AS PUBLISHED IN THE LATEST REVISIONS.
3. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM THE RECORDS AVAILABLE AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO, AND FOR MAINTENANCE AND PROTECTION OF, THE EXISTING UTILITIES DURING CONSTRUCTION, EVEN IF THEY ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH OWNER, ARCHITECT, ENGINEER ANY WORK THAT HAS THE POTENTIAL TO HINDER MECHANICAL AND PLUMBING SERVICES TO AREA OUTSIDE OF THIS CONTRACT. ALL SHUT-DOWNS OR TIE-INS RELATING TO THESE SYSTEMS SHALL BE SCHEDULED AND SUBMITTED IN WRITING TO BE APPROVED BY THE OWNER, ARCHITECT, ENGINEER. CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE FOR PHASING OF CONSTRUCTION THAT INDICATES AREAS OF FIRST PRIORITY DURING EACH PHASE AND ANTICIPATED COMPLETION TIMES. SCHEDULES SHALL BE SUBMITTED A MINIMUM OF ONE WEEK PRIOR TO COMMENCING WORK. OWNER, ARCHITECT AND ENGINEER SHALL REVIEW THESE SCHEDULES AND NOTIFY CONTRACTOR OF ACCEPTANCE PRIOR TO COMMENCEMENT OF WORK.
4. BEFORE YOU DIG ALL EXISTING UTILITIES: WATER, SEWER, GAS, FIRE LINE, ELECTRICITY, TELEPHONE, CABLE, IRRIGATION LINES, SHALL BE LOCATED AND CLEARLY MARKED IN ORDER TO AVOID UNNECESSARY SHUT DOWNS AND EMERGENCY.
5. WHENEVER POWER POLES ARE ADJACENT TO THE PROPOSED SEWER LINE. THE FARM LABOR HOUSING SHALL PROVIDE PROPER SHORING OR OTHER SUITABLE SUPPORT DURING CONSTRUCTION OF THE SEWER LINE. METHODS MUST BE APPROVED BY THE UTILITY COMPANY MAINTENANCE DEPARTMENT.
6. WHEN WATER LINES ARE INSTALLED IN THE VICINITY OF SEWER MAINS, SUCH INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH SECTION 290.44 (WATER DISTRIBUTION) AS PUBLISHED IN "RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS" BY TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, (LATEST REVISION).
7. CONTRACTOR SHALL INSTALL GRAVITY FLOW SANITARY SEWERLINE TO THE LINES AND GRADES AS INDICATED IN THE PLANS AND PROFILES.
8. CONTRACTOR SHALL CONTACT UTILITY COMPANIES IF MODIFICATIONS OF DEPTH AND/OR COURSE OF EXISTING UTILITY LINES ARE REQUIRED TO COMPLY WITH THE DESIGN OF THE PROPOSED SANITARY SEWER LINE.
9. THE CONTRACTOR SHALL NOTIFY LANDOWNERS 24 HOURS IN ADVANCE OF BLOCKING DRIVEWAYS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SAFE DRIVEWAY ACCESS FOR LANDOWNERS.
10. LATERAL SERVICE CONNECTIONS INDICATED ARE APPROXIMATE
11. THE CONTRACTOR SHALL VERIFY THE LOCATION AND GRADE OF THE UTILITIES WITH THE UTILITY COMPANIES WELL AHEAD OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PROTECTION OF SAME DURING CONSTRUCTION.
12. WHEN SEWER LINES ARE INSTALLED IN THE VICINITY OF WATER MAINS, SUCH INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH 30 TAC SECTION 317.13 (APPENDIX E SEPARATION DISTANCES).



13 SEWER SERVICE CONNECTION WITH DOUBLE CLEANOUT DETAIL
NOT TO SCALE

QUANTITIES

RAISE WATER VALVE BOXES	3	EA
DEMOLISH BRICK MANHOLE AND CONCRETE COLLAR	5	EA
REMOVE CLAY PIPE	1700	LF
REMOVE 6" WATER LINE	190	LF
CUT AND REMOVE 8" WATER LINE	20	LF
REMOVE FIRE HYDRANT	1	EA
INSTALL MANHOLE 3'-5' DEPTH	4	EA
INSTALL MANHOLE 5'-10' DEPTH	5	EA
INSTALL MANHOLE 10'-15' DEPTH	5	EA
INSTALL 6" SDR 35 SEWER PIPE	2760	LF
INSTALL 8" SDR 35 SEWER PIPE	1060	LF
INSTALL 10" SDR 35 SEWER PIPE	1700	LF
INSTALL 8" C900 OR C909 WATER PIPE	5000	LF
INSTALL FIRE HYDRANT ASSEMBLY	9	EA
6" GATE VALVE	1	EA
8" GATE VALVE	19	EA
VALVE BOX AND RISER	20	EA
8" X 8" HOT TAP AND GATE VALVE	1	EA
8" X 8" MJ COUPLER	2	EA
8" X 8" X 8" MJ TEE	15	EA
8" X 8" MJ CROSS	4	EA
8" X 8" MJ 90° BEND	1	EA
8" X 6" MJ REDUCER	10	EA



12 WATER PIPE CROSSING WHEN NOT CONNECTING DETAIL
NOT TO SCALE

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LLAME 2 DIAS DE ANTICIPACION ANTES DE EXCAVAR EN TEXAS 1-800-344-8377 (1-800-DIG-TESS)

MEADOWBROOK		
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NTS	G6	PW19-001

QUANTITIES

CLEARING AND GRUBBING	11	ACRES
CALICHE BASE	3000	CY
FILL MATERIAL	19100	CY
GRADING AND COMPACTION	22600	CY
6" REINFORCED CONCRETE DRIVEWAYS	134	CY
6" REINFORCED CONCRETE ALLEYWAY TRANSITIONS	67	CY
6" REINFORCED CONCRETE DUMPSTER PAD	22	CY
ADA COMPLIANT RAMP W/DETECTABLE WARNING	46	EA
4" CONCRETE SIDEWALK	72	CY
CONCRETE CURB AND GUTTER	7220	LF
PRIME COAT	5750	GAL
TYPE "D" ASPHALT PAVEMENT	3150	TONS
TYPE "D" ASPHALT PATCHING	45	TONS
MANHOLE CONCRETE COLLARS	12	EA

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NOTES:

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EXCESS EXCAVATED MATERIAL TO BE DISPOSED AT LOCATIONS SHOWN ON THE PLANS AND SPREAD OUT AND AS DIRECTED BY THE TOWN OF PECOS CITY

CONTRACTOR TO REMOVE AND DISPOSE EXISTING PAVEMENT ON STREETS TO BE PAVED. (NO SEPARATE PAVEMENT)

NOTE: ALL STREET GRADES WERE REQUIRED TO BE DESIGNED AT MINIMUM SLOPE. CONTRACTOR SHALL TAKE EXTREME CARE IN CONSTRUCTING ALL STREET GRADES AND SLOPES AT THE GRADES INDICATED ON THE PLANS. CONTRACTOR MUST ADHERE TO THE DESIGN SLOPES AND GRADES.

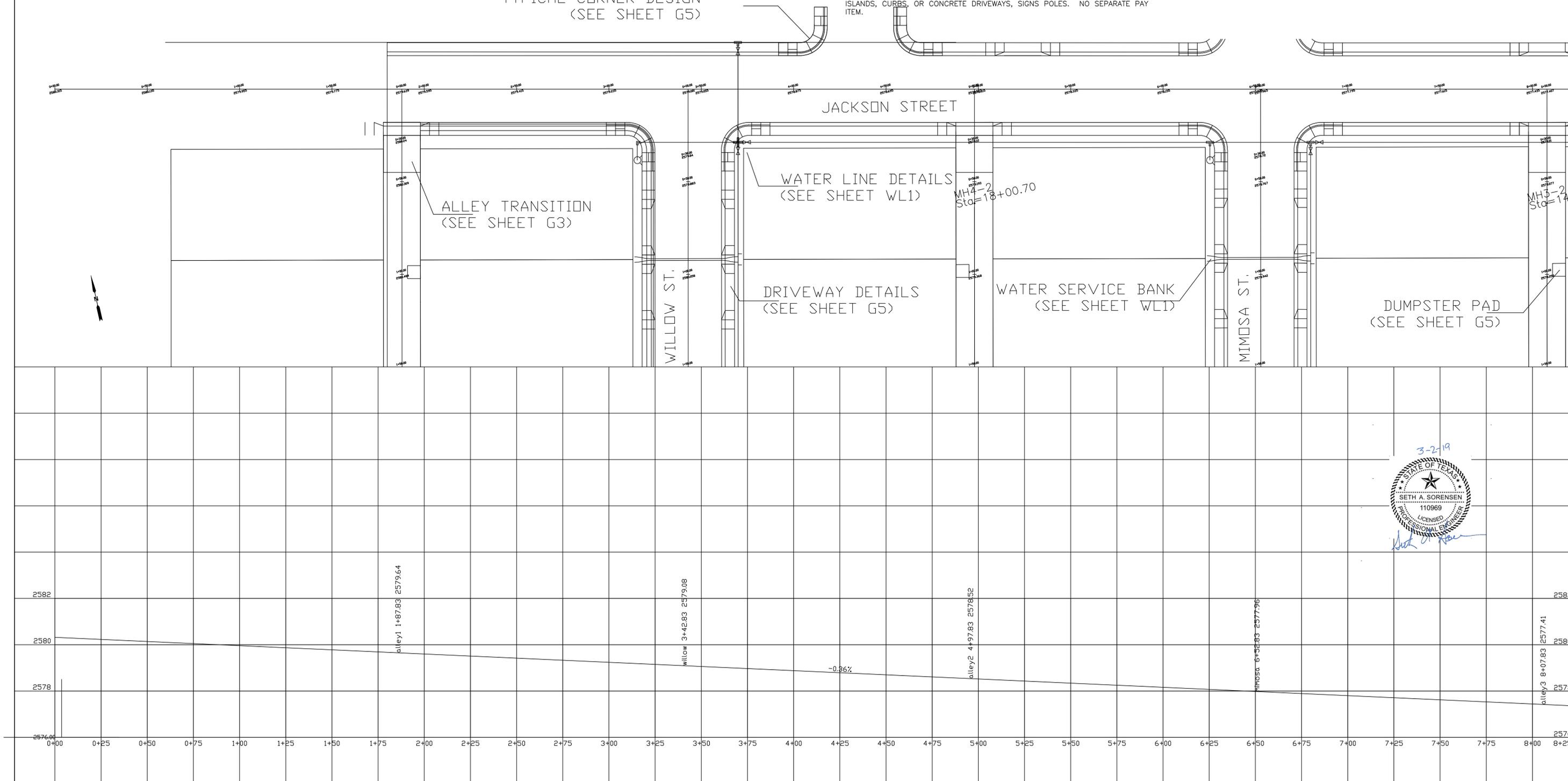
"CAUTION" BURIED GAS LINES, CONTRACTOR SHALL CONTACT GAS COMPANIES BEFORE DIGGING.

CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ORIGINAL OR BETTER CONDITION ANY DAMAGE DONE TO EXISTING FENCES, LAWNS, CONCRETE ISLANDS, CURBS, OR CONCRETE DRIVEWAYS, SIGNS POLES. NO SEPARATE PAY ITEM.

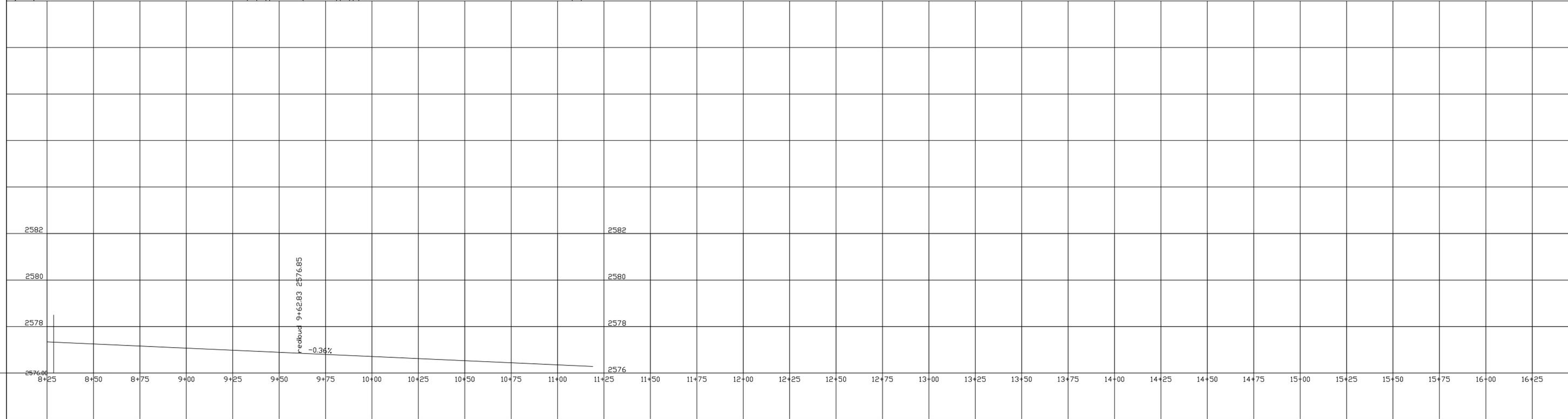
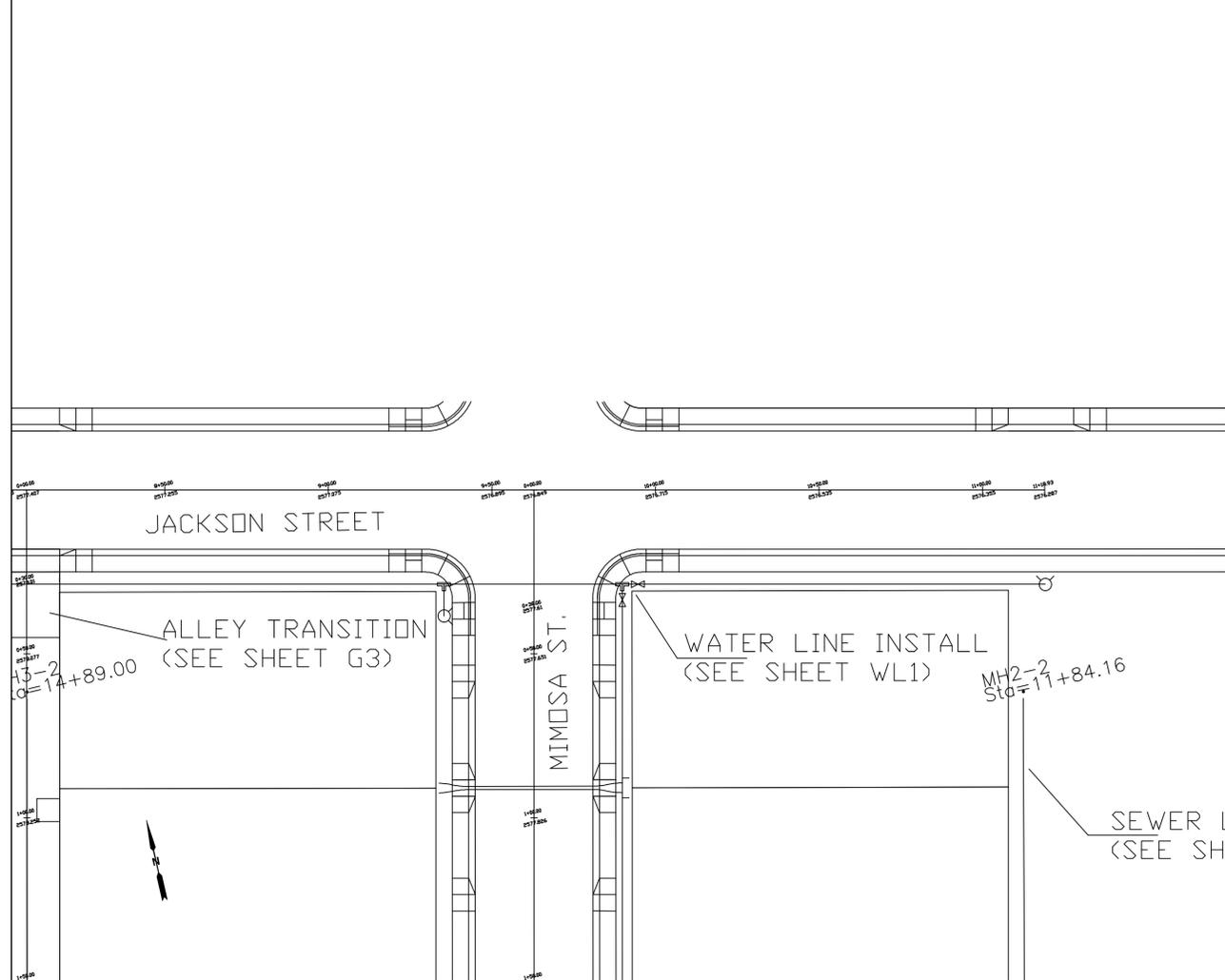
IT'S THE LAW
AND IT'S FREE - CALL BEFORE YOU DIG
CALL TWO WORKING DAYS BEFORE YOU DIG IN TEXAS 1-800-344-8377
(1-800-DIG-TESS)

ES LA LEY
GRATIS PARA USTED - LLAME ANTES DE EXCAVAR
LLAME 2 DIAS DE ANTICIPACION ANTES DE EXCAVAR EN TEXAS 1-800-344-8377
(1-800-DIG-TESS)

TYPICAL CORNER DESIGN
(SEE SHEET G5)



NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	JACKSON STREET	STA 0+00 - STA 8+25	SHEET PP1 OF
				DRN		3-2-19	1:25 H 1:2 V			
				CHK						
				APPD						



NO.	REVISIONS	BY	DATE	DES	SAS
				DRN	
				CHK	
				APPD	

DATE
3-2-19

SCALE
1:25 H
1:2 V

JACKSON STREET

STA 8+25 - STA 11+18.93

SHEET
PP2
OF
2

ALLEY TRANSITION
(SEE SHEET G3)

WATER LINE DETAILS
(SEE SHEET WL1)

DUMPSTER PAD
(SEE SHEET G5)

TYPICAL CORNER DESIGN
(SEE SHEET G5)

MHA
Sta=14+40.7

DRIVEWAYS
WILLOW, MIMOSA, REDBUD

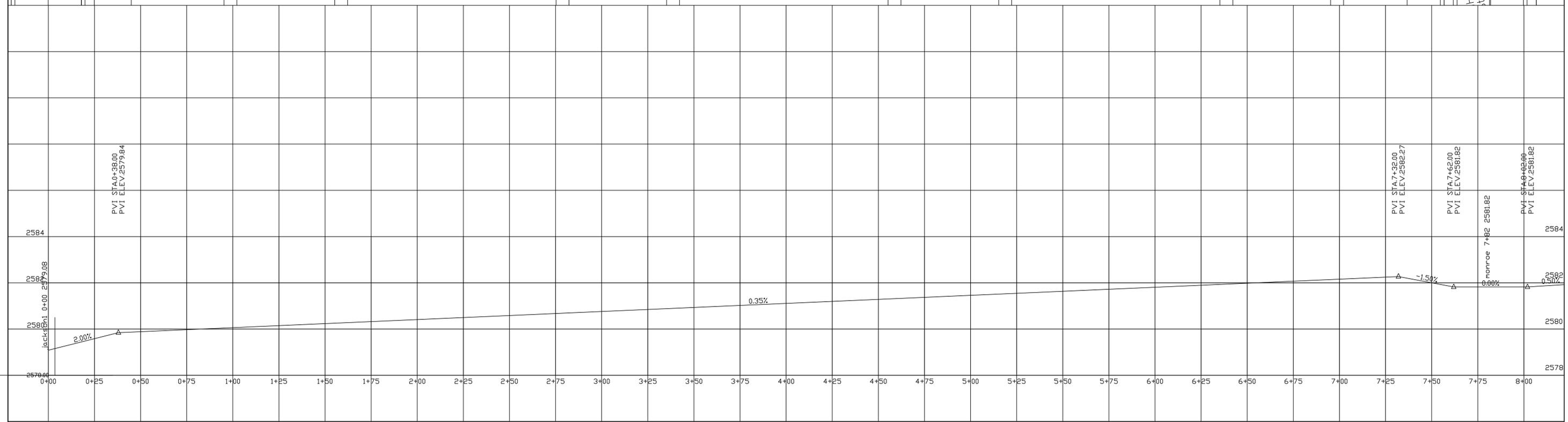
BEGIN	END	OF CENTER
STA 64.6	84.6	L,R
STA 99.6	119.6	L,R
STA 184.6	204.6	L,R
STA 219.6	239.6	L,R
STA 279.6	299.6	L,R
STA 339.6	359.6	L,R
STA 424.6	444.6	L,R
STA 459.6	479.6	L,R
STA 544.6	564.6	L,R
STA 604.6	624.6	L,R
STA 664.6	684.6	L,R
STA 699.6	719.6	L,R
STA 844.6	864.6	L,R
STA 879.6	899.6	L,R
STA 964.6	984.6	L,R
STA 999.6	1019.6	L,R
STA 1059.6	1079.6	L,R
STA 1119.6	1139.6	L,R
STA 1204.6	1224.6	L,R

DRIVEWAY DETAILS
(SEE SHEET G5)

WATER SERVICE BANK
(SEE SHEET WL1)



H5
to=13+89.32



NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	WILLOW STREET	STA 0+00 - STA 8+25	SHEET PP3 OF
				DRN		3-2-19	1:25 H			
				CHK			1:2 V			
				APPD						

ALLEY TRANSITION
(SEE SHEET G3)

WATER LINE DETAILS
(SEE SHEET WL1)

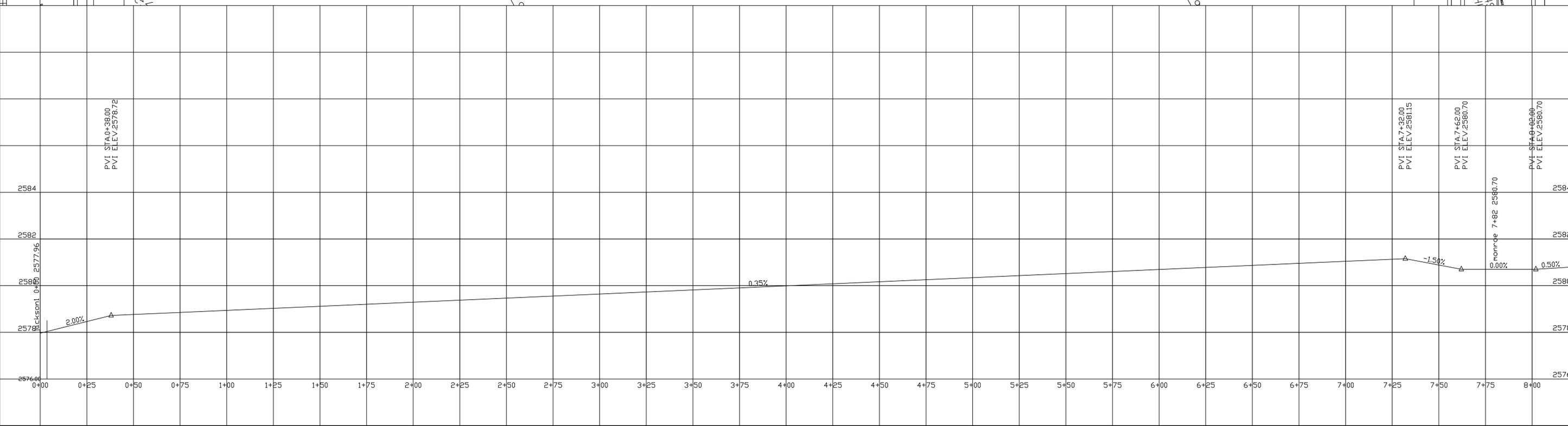
TYPICAL CORNER DESIGN
(SEE SHEET G5)

DRIVEWAY DETAILS
(SEE SHEET G5)

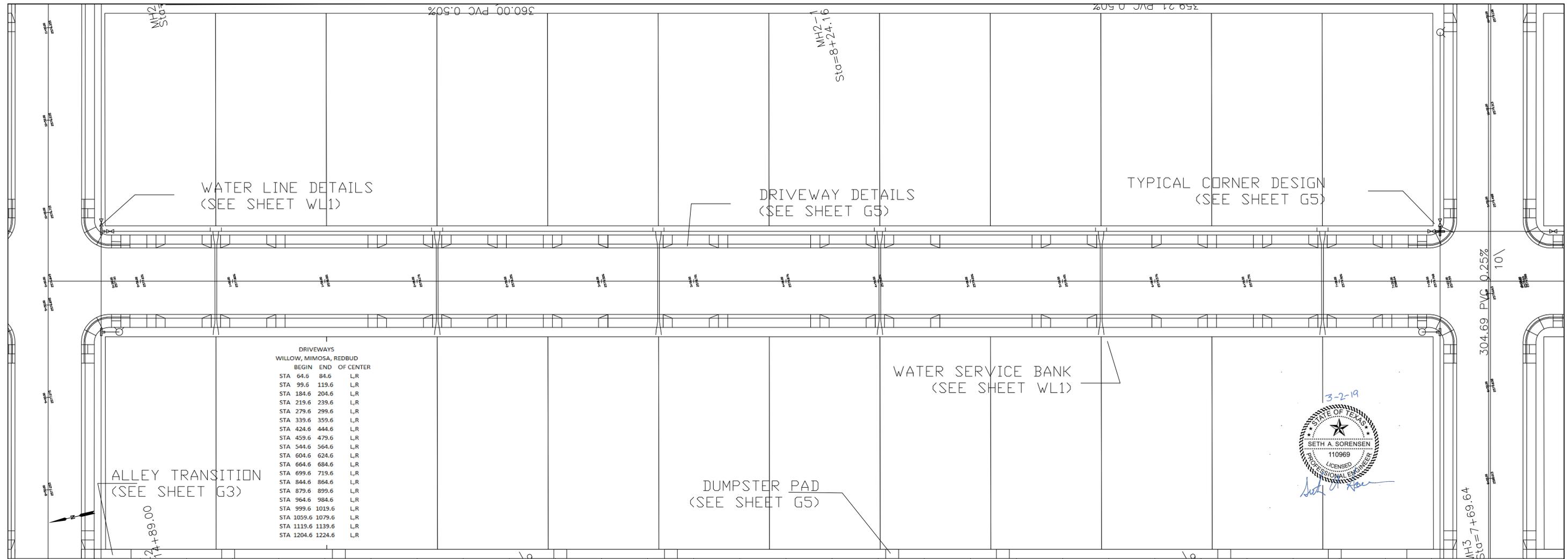
WATER SERVICE BANK
(SEE SHEET WL1)

DRIVEWAYS
WILLOW, MIMOSA, REDBUD

BEGIN	END	OF CENTER
STA 64.6	84.6	L,R
STA 99.6	119.6	L,R
STA 184.6	204.6	L,R
STA 219.6	239.6	L,R
STA 279.6	299.6	L,R
STA 339.6	359.6	L,R
STA 424.6	444.6	L,R
STA 459.6	479.6	L,R
STA 544.6	564.6	L,R
STA 604.6	624.6	L,R
STA 664.6	684.6	L,R
STA 699.6	719.6	L,R
STA 844.6	864.6	L,R
STA 879.6	899.6	L,R
STA 964.6	984.6	L,R
STA 999.6	1019.6	L,R
STA 1059.6	1079.6	L,R
STA 1119.6	1139.6	L,R
STA 1204.6	1224.6	L,R



NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	MIMOSA STREET	STA 0+00 - STA 8+25	SHEET PP4 OF
				DRN		3-2-19	1:25 H			
				CHK			1:2 V			
				APPD						



WATER LINE DETAILS
(SEE SHEET WL1)

DRIVEWAY DETAILS
(SEE SHEET G5)

TYPICAL CORNER DESIGN
(SEE SHEET G5)

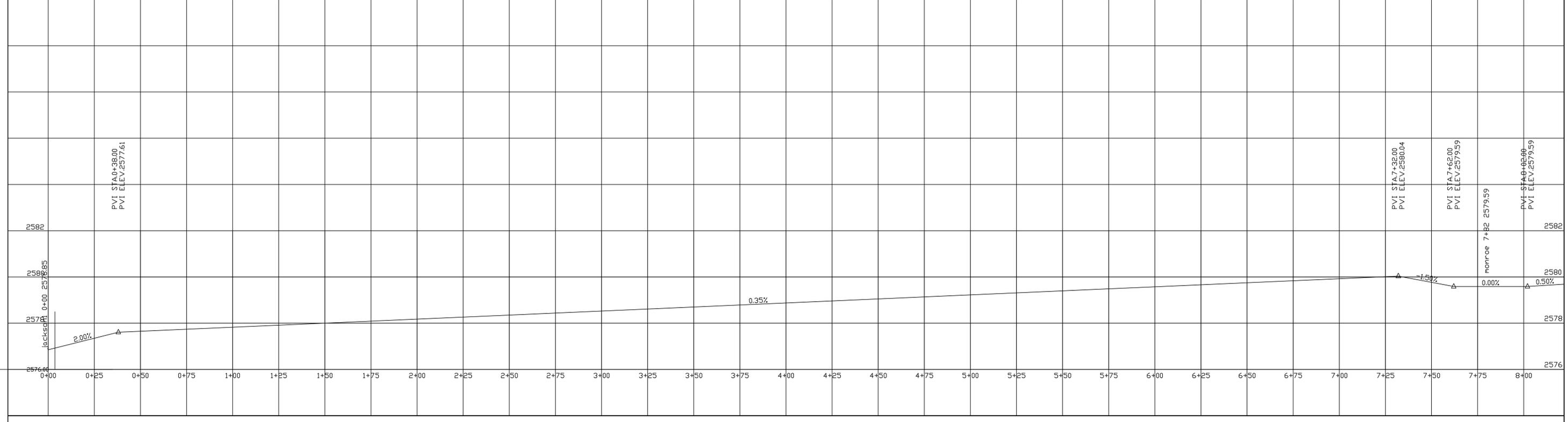
WATER SERVICE BANK
(SEE SHEET WL1)

DUMPSTER PAD
(SEE SHEET G5)

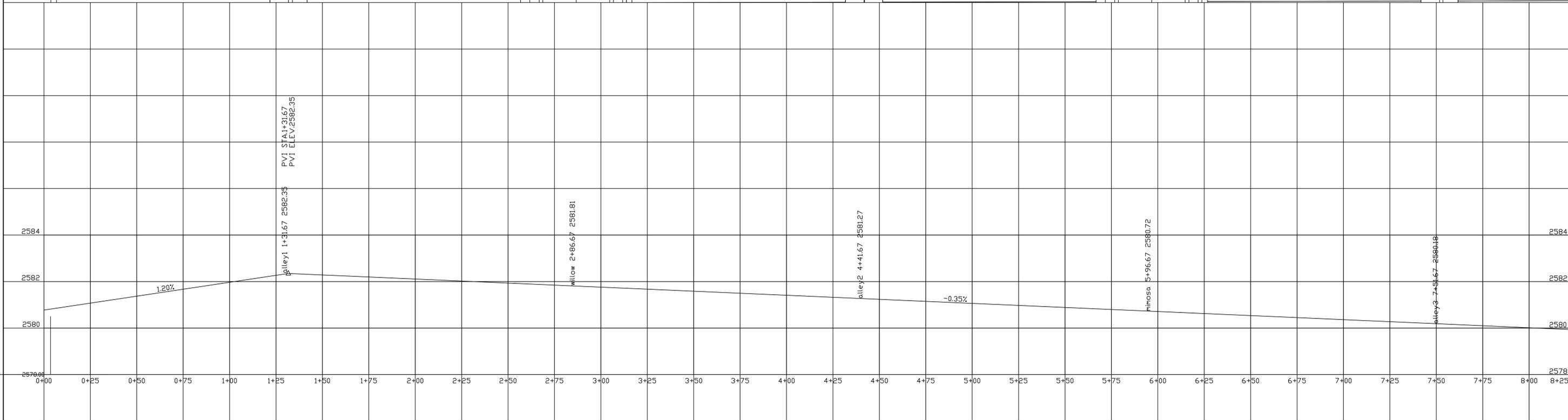
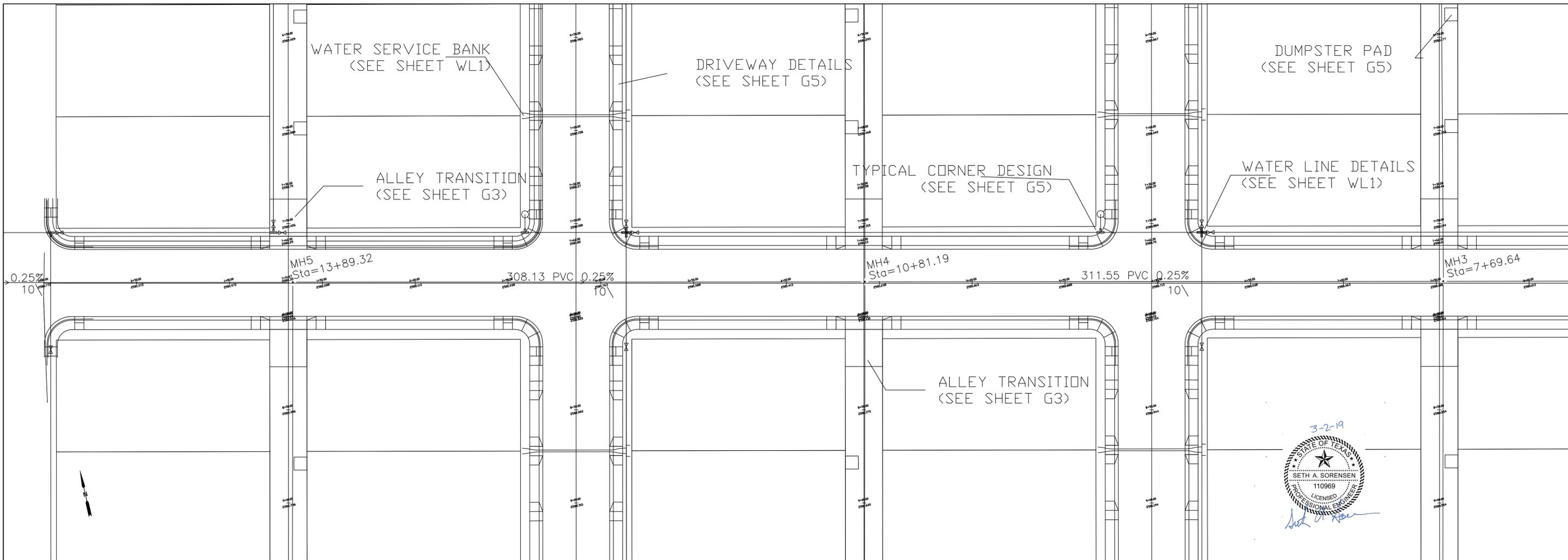
ALLEY TRANSITION
(SEE SHEET G3)

DRIVEWAYS
WILLOW, MIMOSA, REDBUD

BEGIN STA	END STA	LR
64.6	84.6	L,R
99.6	119.6	L,R
184.6	204.6	L,R
219.6	239.6	L,R
279.6	299.6	L,R
339.6	359.6	L,R
424.6	444.6	L,R
459.6	479.6	L,R
544.6	564.6	L,R
604.6	624.6	L,R
664.6	684.6	L,R
699.6	719.6	L,R
844.6	864.6	L,R
879.6	899.6	L,R
964.6	984.6	L,R
999.6	1019.6	L,R
1059.6	1079.6	L,R
1119.6	1139.6	L,R
1204.6	1224.6	L,R



NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	REDBUD STREET	STA 0+00 - STA 8+25	SHEET PP5 OF
				DRN		3-2-19	1:25 H			
				CHK			1:2 V			
				APPD						



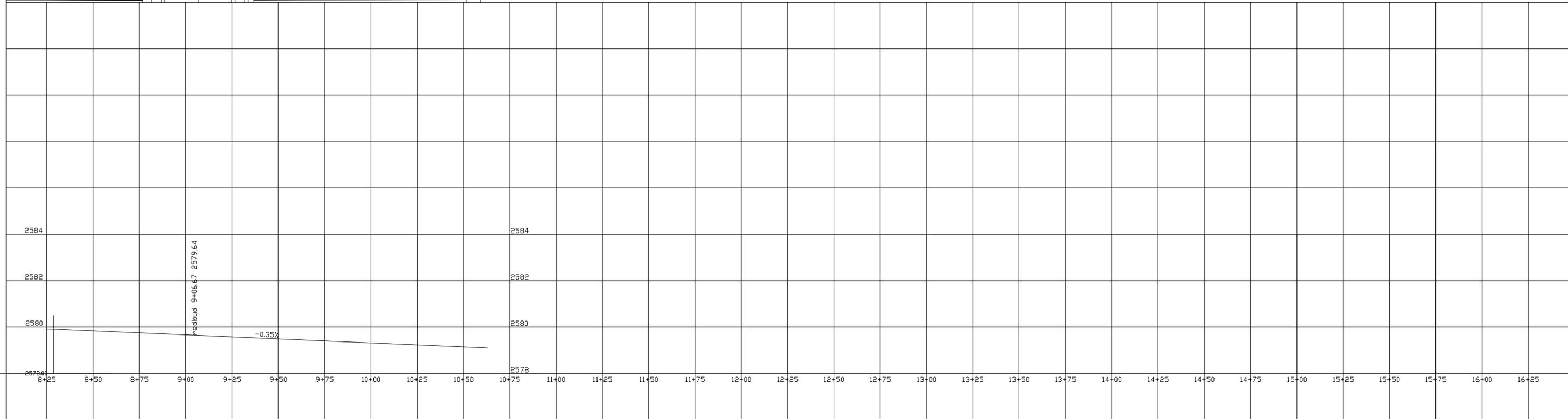
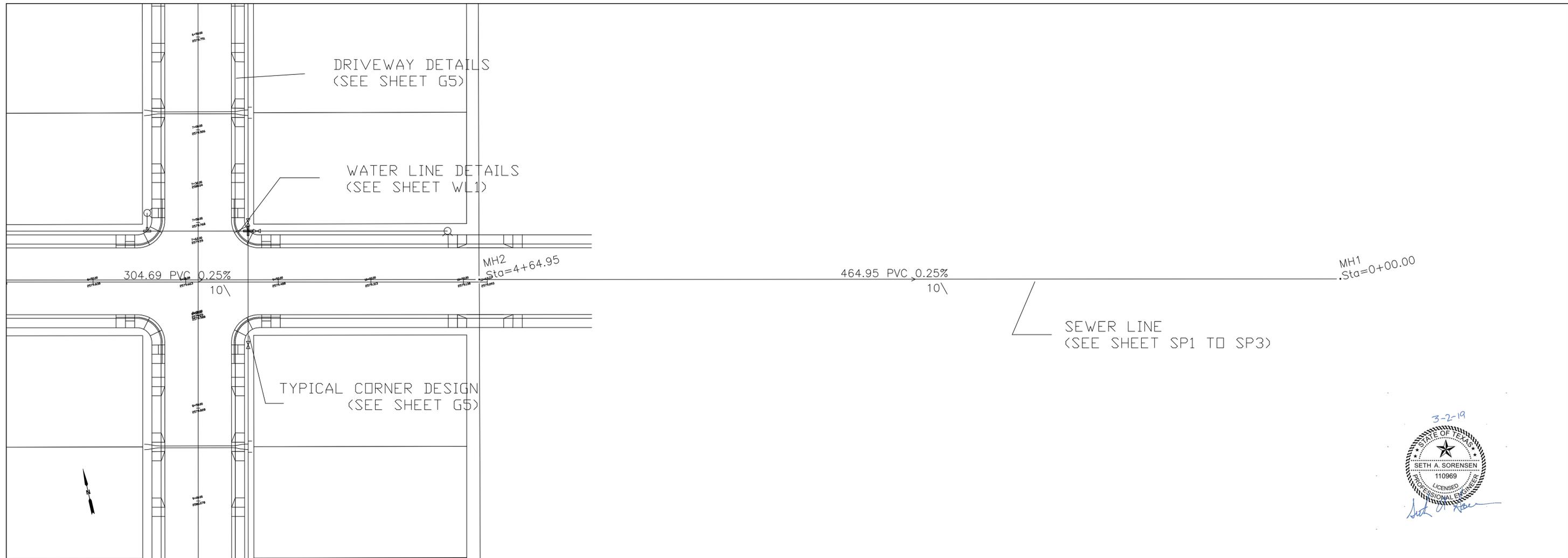
NO.	REVISIONS	BY	DATE	DES	SAS
				DRN	
				CHK	
				APPD	

DATE
3-2-19

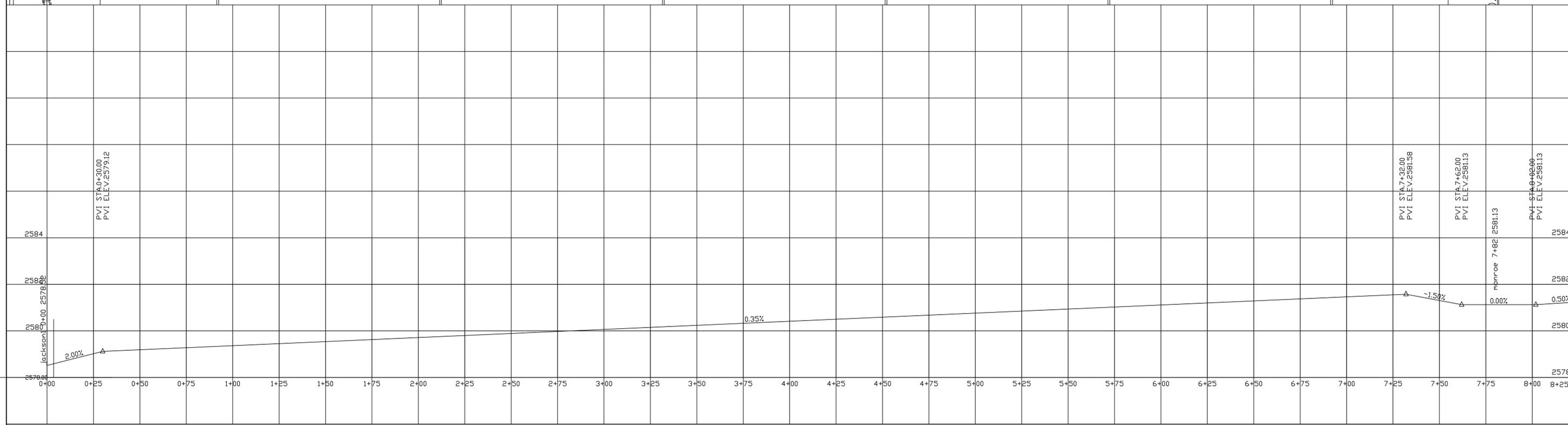
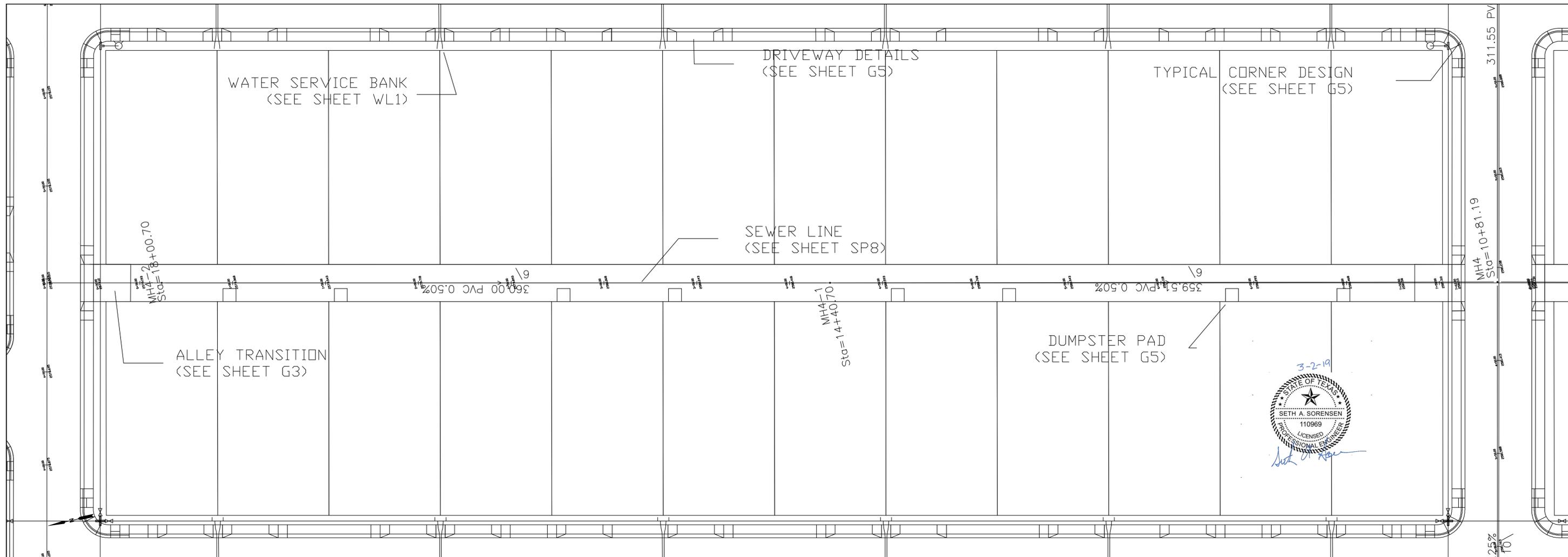
SCALE
1:25 H
1:2 V

MONROE STREET

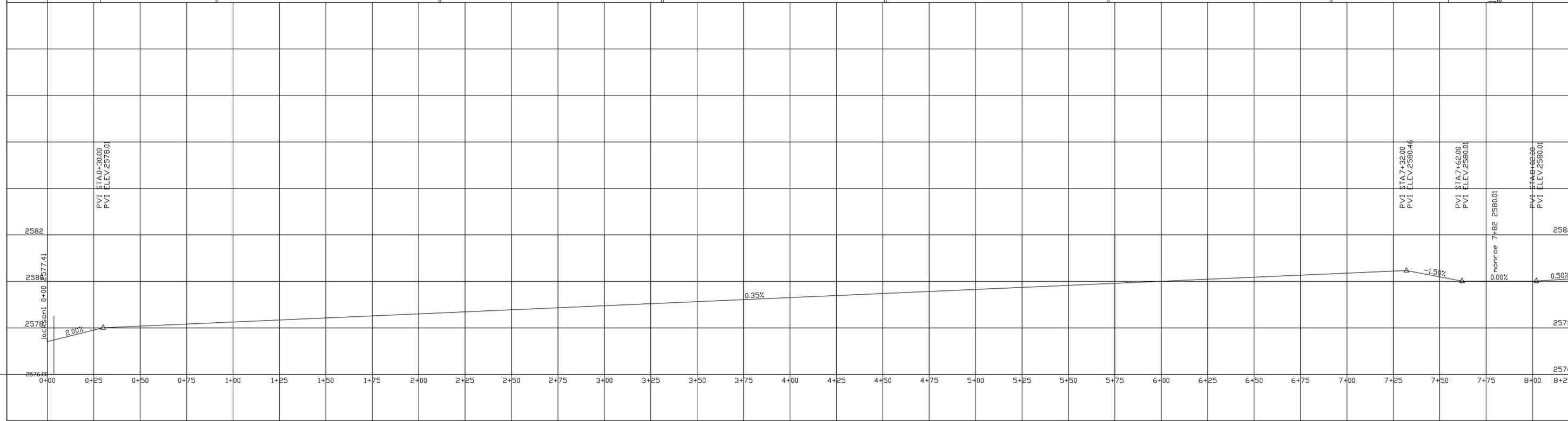
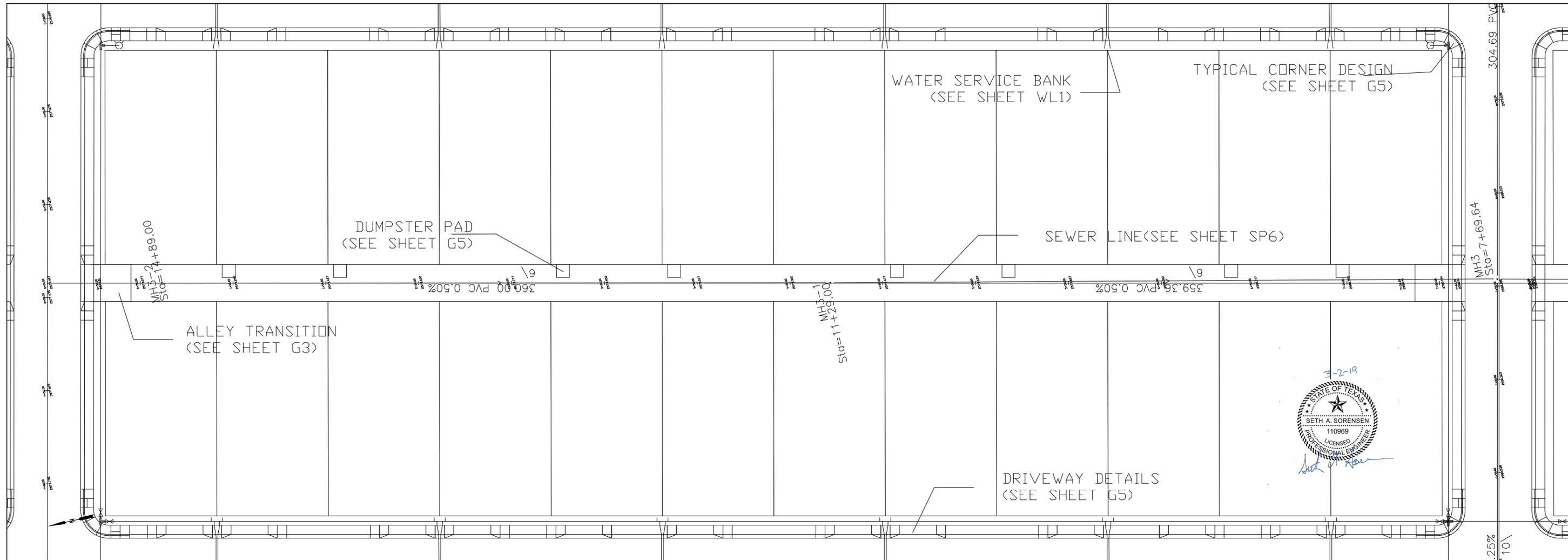
STA 0+00 - STA 8+25



NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	MONROE STREET	STA 8+25 - STA 10+62.77	SHEET PP7 OF
				DRN		3-2-19	1:25 H			
				CHK			1:2 V			
				APPD						



NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	ALLEY 2	STA 0+00 - STA 8+25	SHEET
				DRN		3-2-19	1:25 H			PP9
				CHK			1:2 V			OF
				APPD						

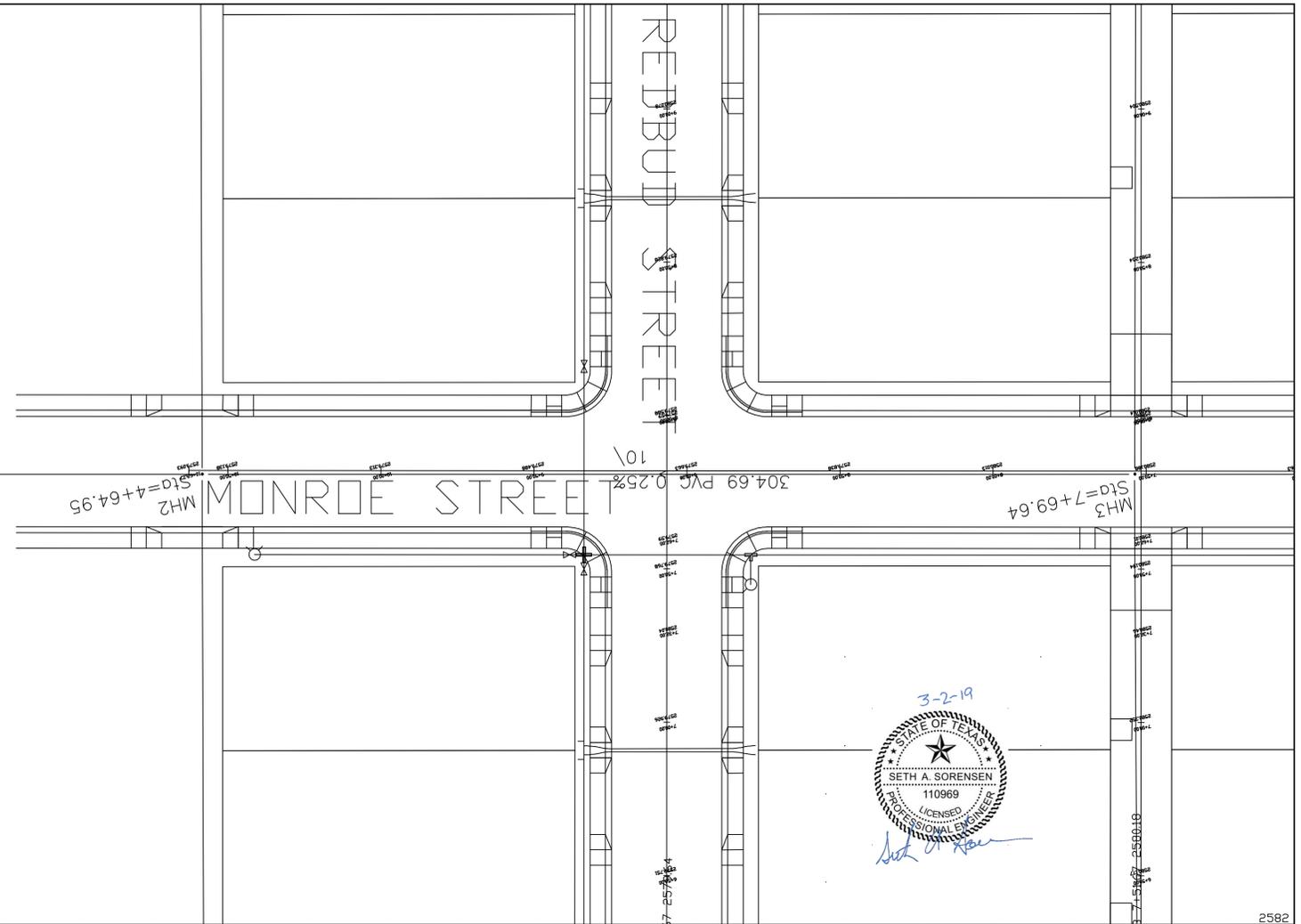


NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	ALLEY 3	STA 0+00 - STA 8+25	SHEET PP10 OF
				DRN		3-2-19	1:25 H			
				CHK			1:2 V			
				APPD						

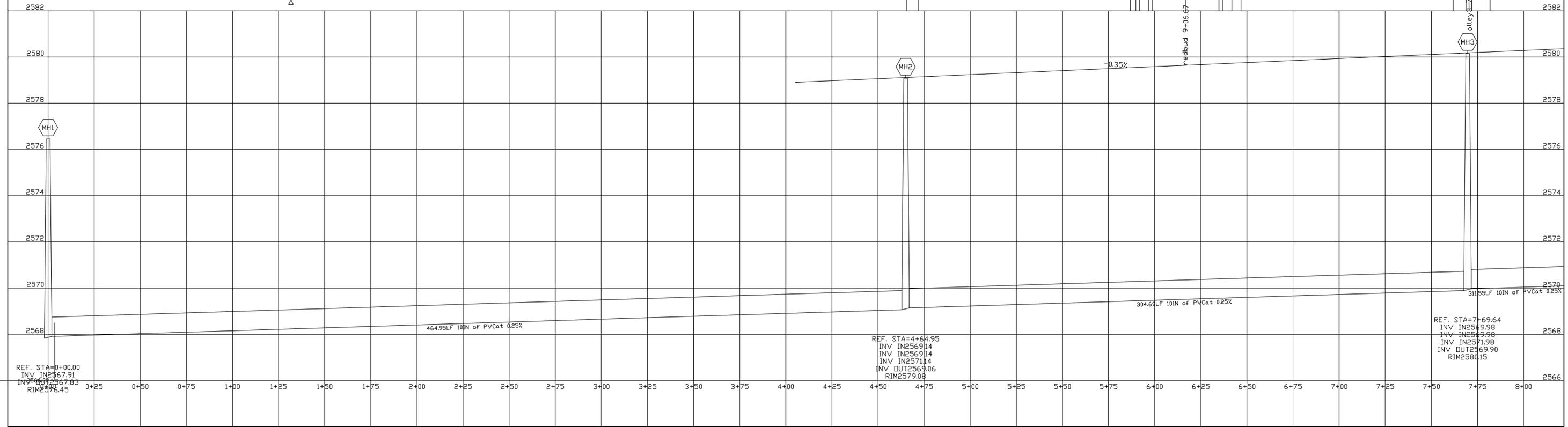
IT'S THE LAW
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ES LA LEY
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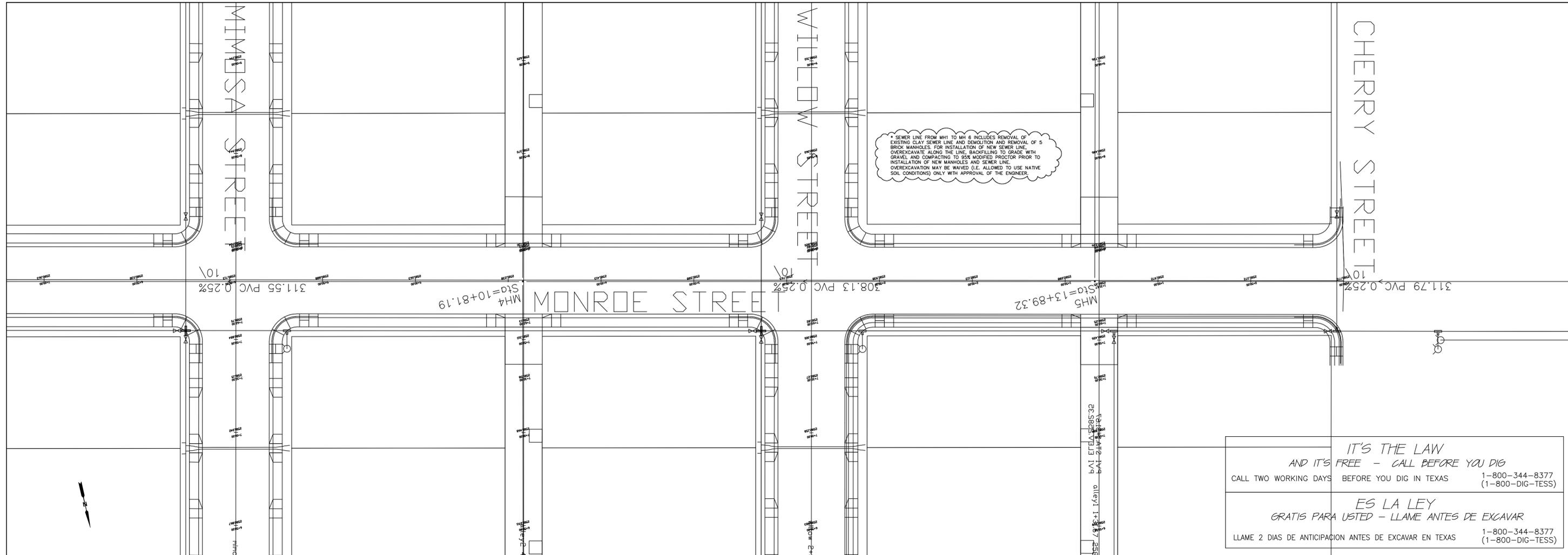
MONROE STREET



* SEWER LINE FROM MH1 TO MH 6 INCLUDES REMOVAL OF EXISTING CLAY SEWER LINE AND DEMOLITION AND REMOVAL OF 5 BRICK MANHOLES. FOR INSTALLATION OF NEW SEWER LINE, OVEREXCAVATE ALONG THE LINE, BACKFILLING TO GRADE WITH GRAVEL AND COMPACTING TO 95% MODIFIED PROCTOR PRIOR TO INSTALLATION OF NEW MANHOLES AND SEWER LINE. OVEREXCAVATION MAY BE WAIVED (I.E. ALLOWED TO USE NATIVE SOIL CONDITIONS) ONLY WITH APPROVAL OF THE ENGINEER.

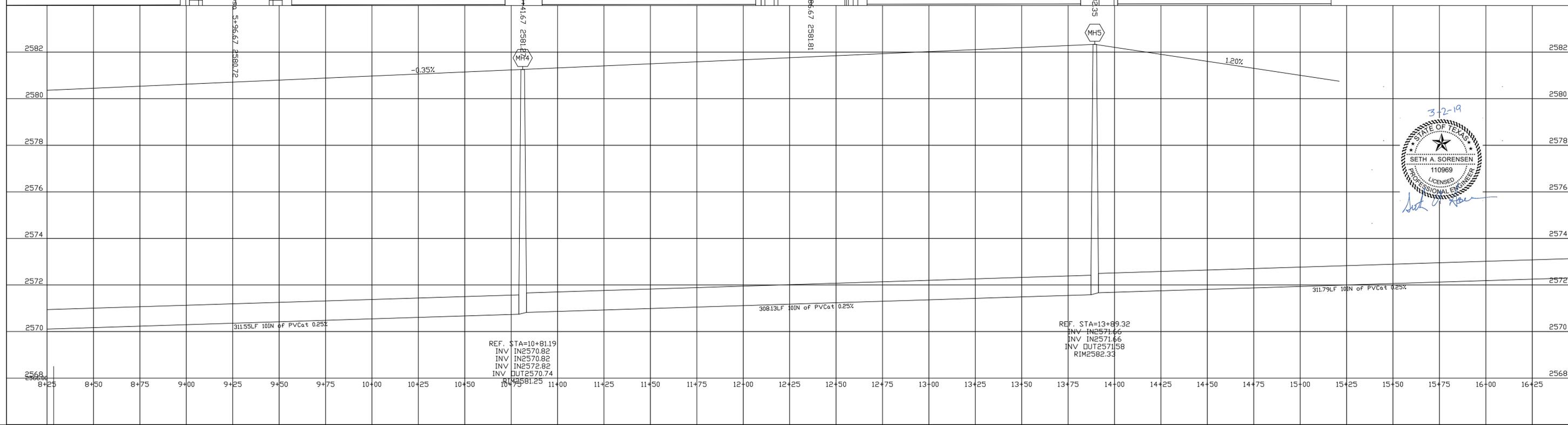


NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE			SHEET
				DRN		3-2-19	1:25 H	MH 1 TO MH 6	STA 0+00 - STA 8+25	SP1
				CHK			1:2 V			DF
				APPD						



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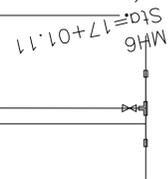


NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE			SHEET
				DRN		3-2-19	1:25 H	MH 1 TO MH 6	STA 8+25 - STA 16+50	SP2
				CHK			1:2 V			OF
				APPD						

ALLEY WAY

FIELD VERIFY ELEVATIONS OF EXISTING SEWER LINE FROM NORTH AND SOUTH TIE INTO EXISTING LINES WITH NEW MANHOLE

* SEWER LINE FROM MH1 TO MH 6 INCLUDES REMOVAL OF EXISTING CLAY SEWER LINE AND DEMOLITION AND REMOVAL OF 5 BRICK MANHOLES. FOR INSTALLATION OF NEW SEWER LINE, OVEREXCAVATE ALONG THE LINE, BACKFILLING TO GRADE WITH GRAVEL AND COMPACTING TO 95% MODIFIED PROCTOR PRIOR TO INSTALLATION OF NEW MANHOLES AND SEWER LINE. OVEREXCAVATION MAY BE WAIVED (I.E. ALLOWED TO USE NATIVE SOIL CONDITIONS) ONLY WITH APPROVAL OF THE ENGINEER.

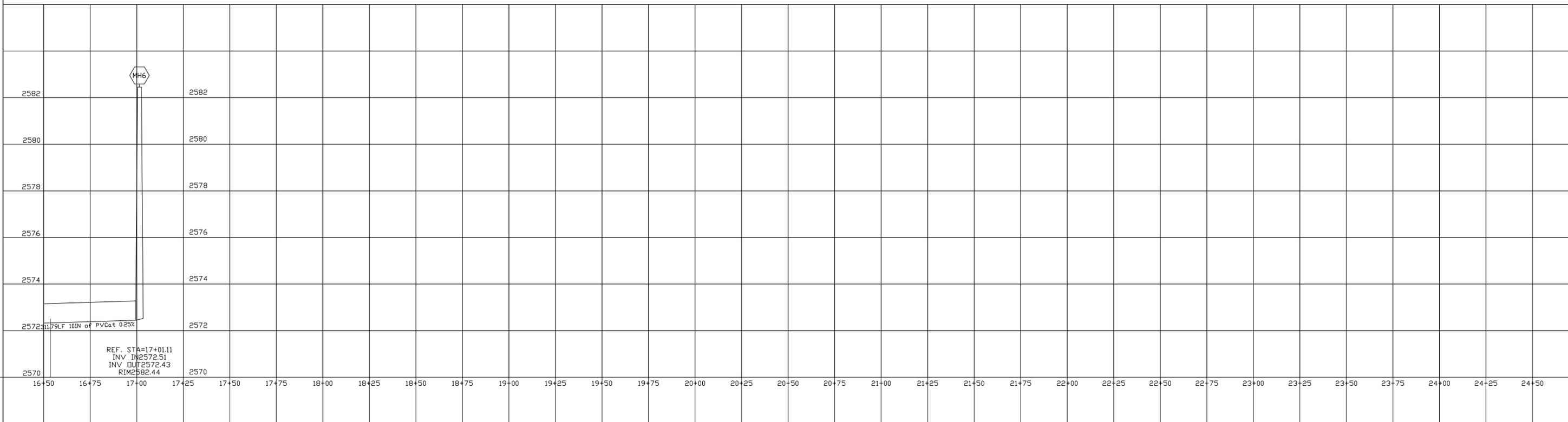


MONROE STREET

* WORK ASSOCIATED WITH FIELD LOCATING TIE IN TO EXISTING SEWER (INCLUDING BUT NOT LIMITED TO: ALTERING FIBERGLASS MANHOLE, GROUTING, JOINT SEALS, ETC.) IS INCIDENTAL TO THE MANHOLE PAY ITEM.

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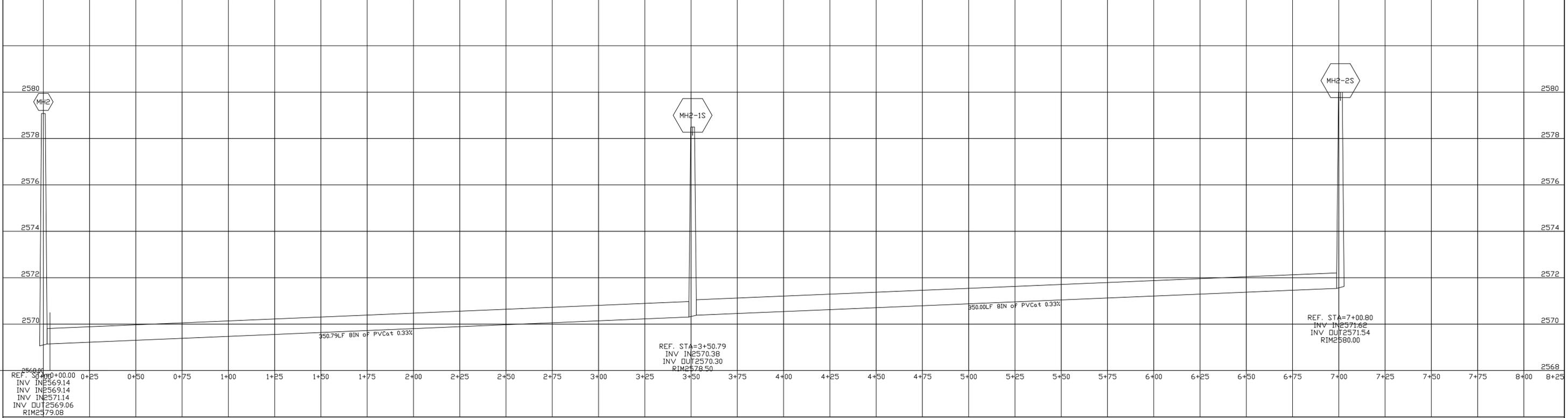
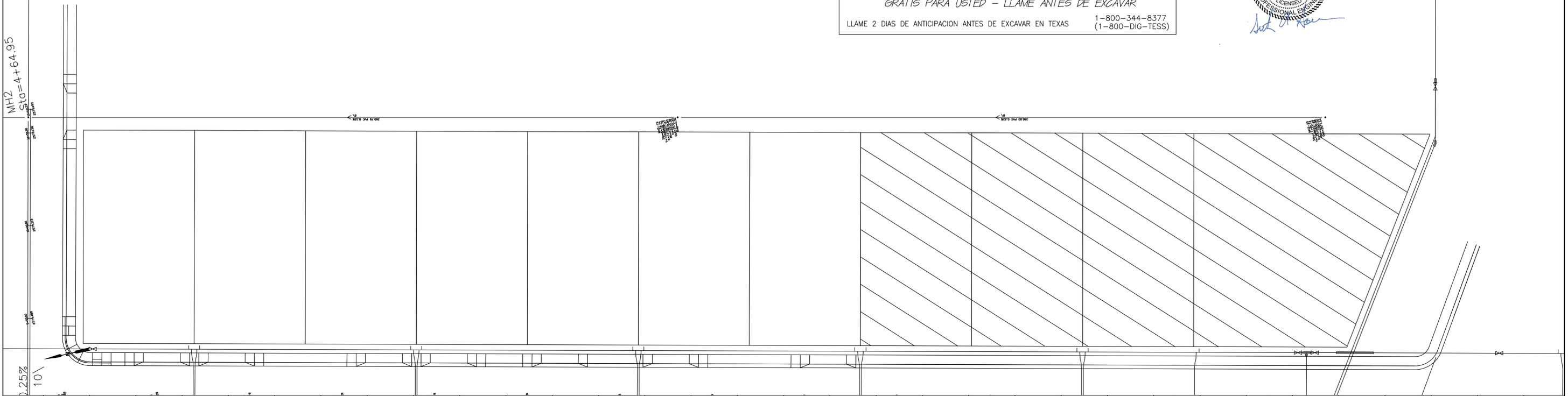
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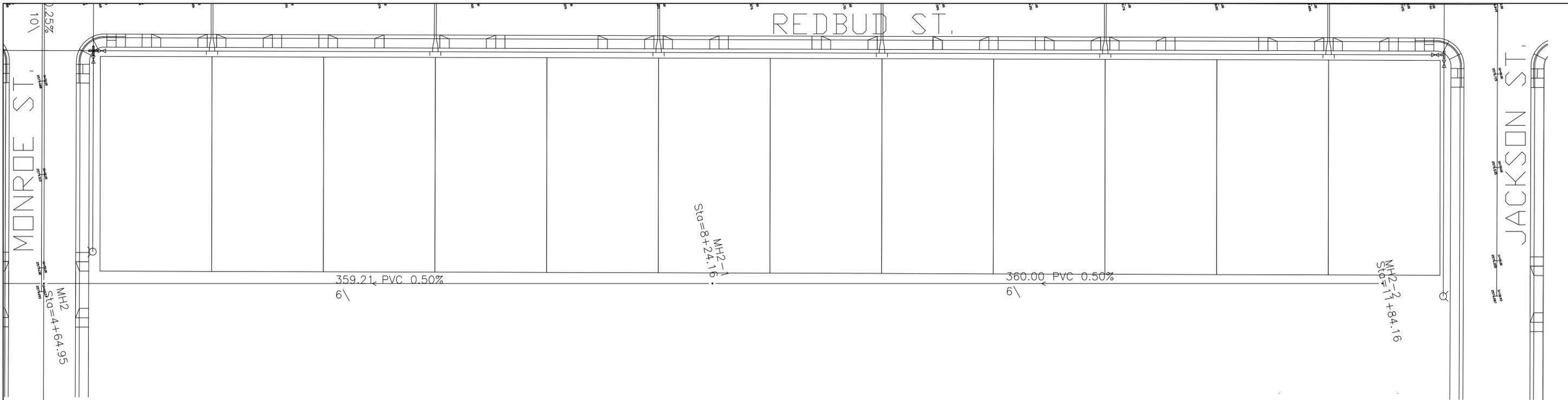
NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	MH 1 TO MH 6	STA 16+50 - STA 17+01.11	SHEET SP3 OF
				DRN		3-2-19	1:25 H 1:2 V			
				CHK						
				APPD						

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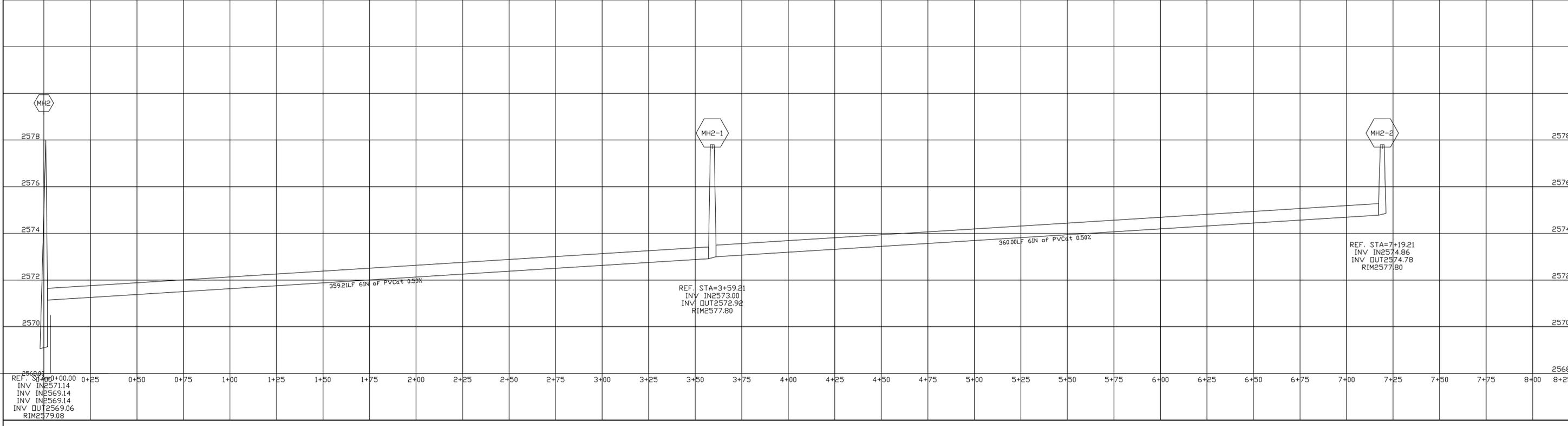


NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	PROJECT TITLE	STATIONING	SHEET
				DRN		3-2-19	1:25 H 1:2 V	MH 2 TO MH 2-2 SOUTH	STA 0+00 - STA 7+00	SP4 DF

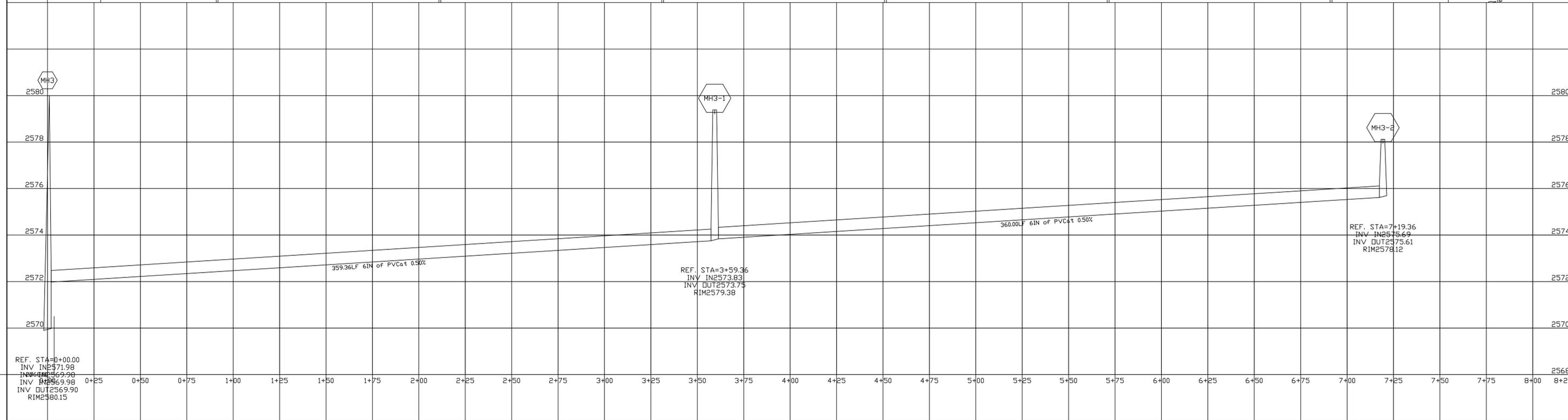
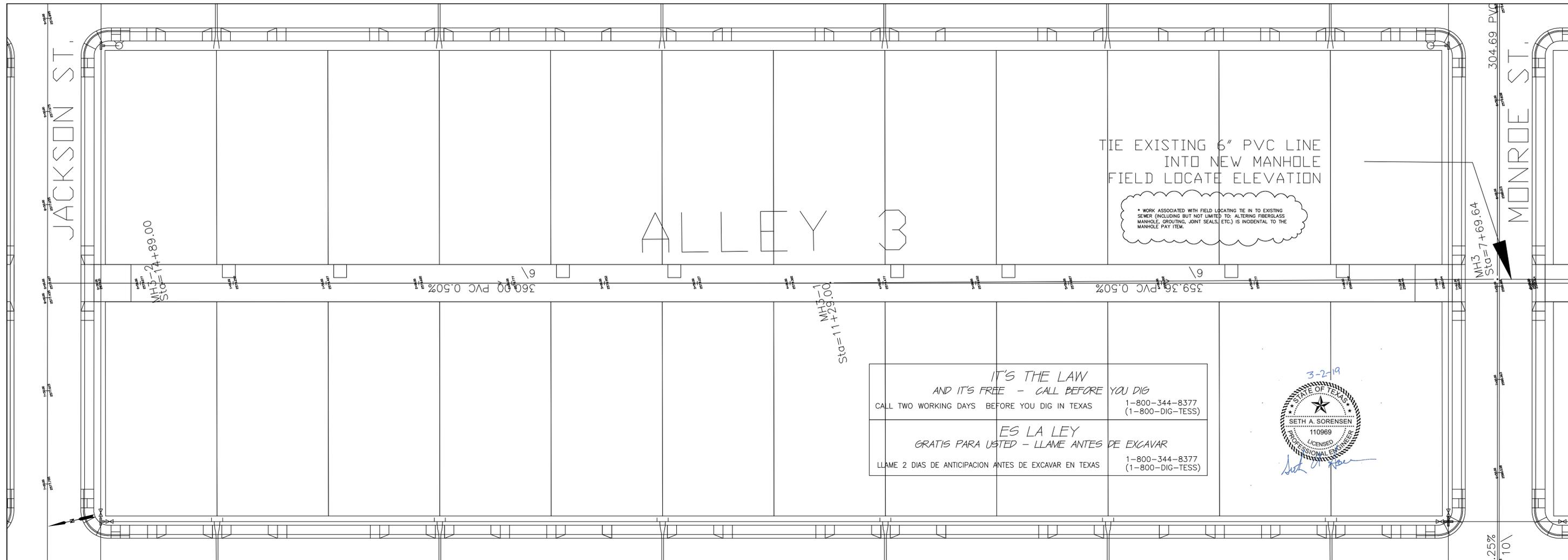


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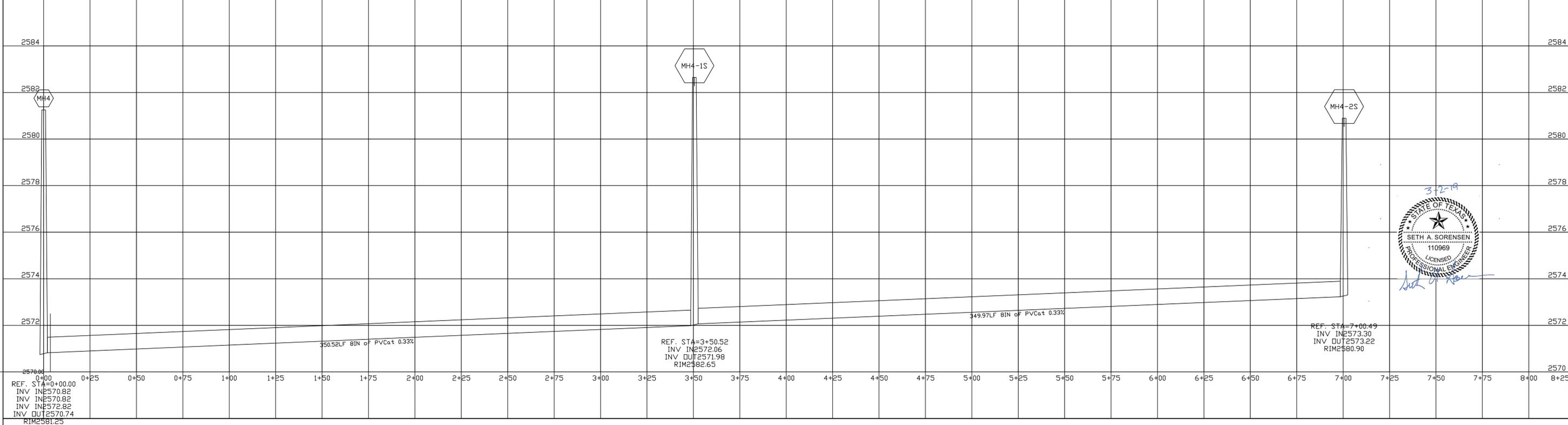
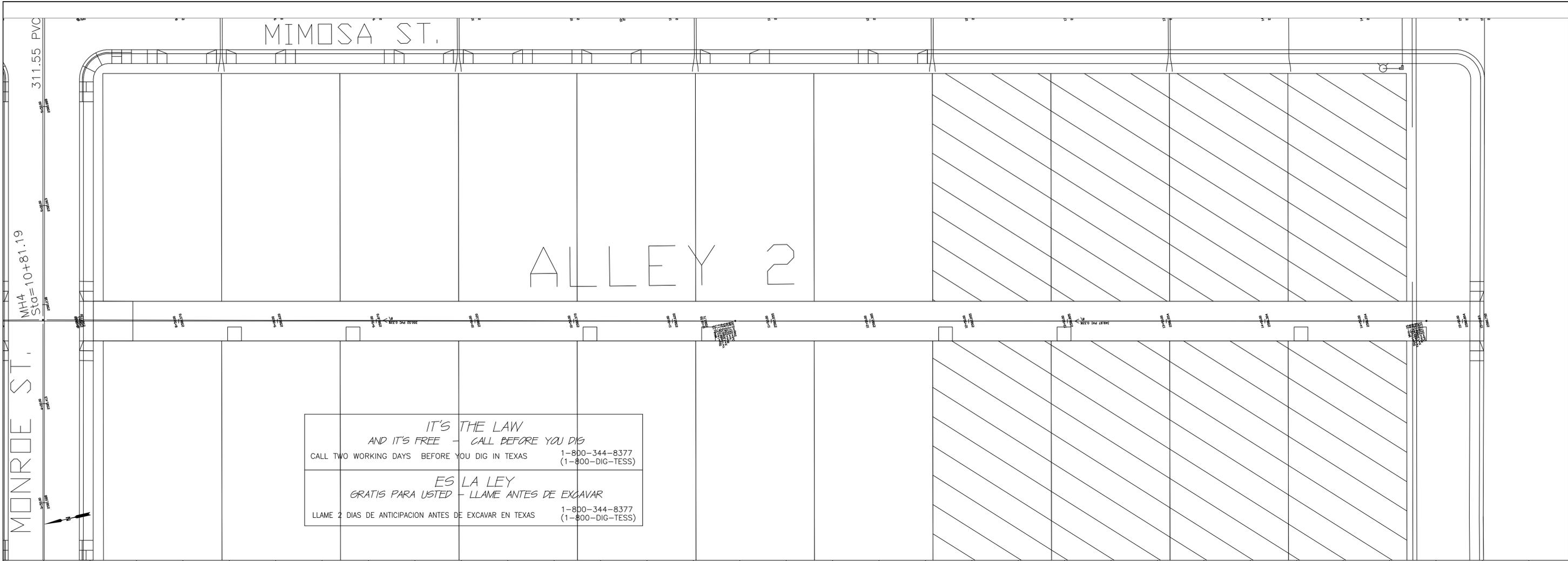
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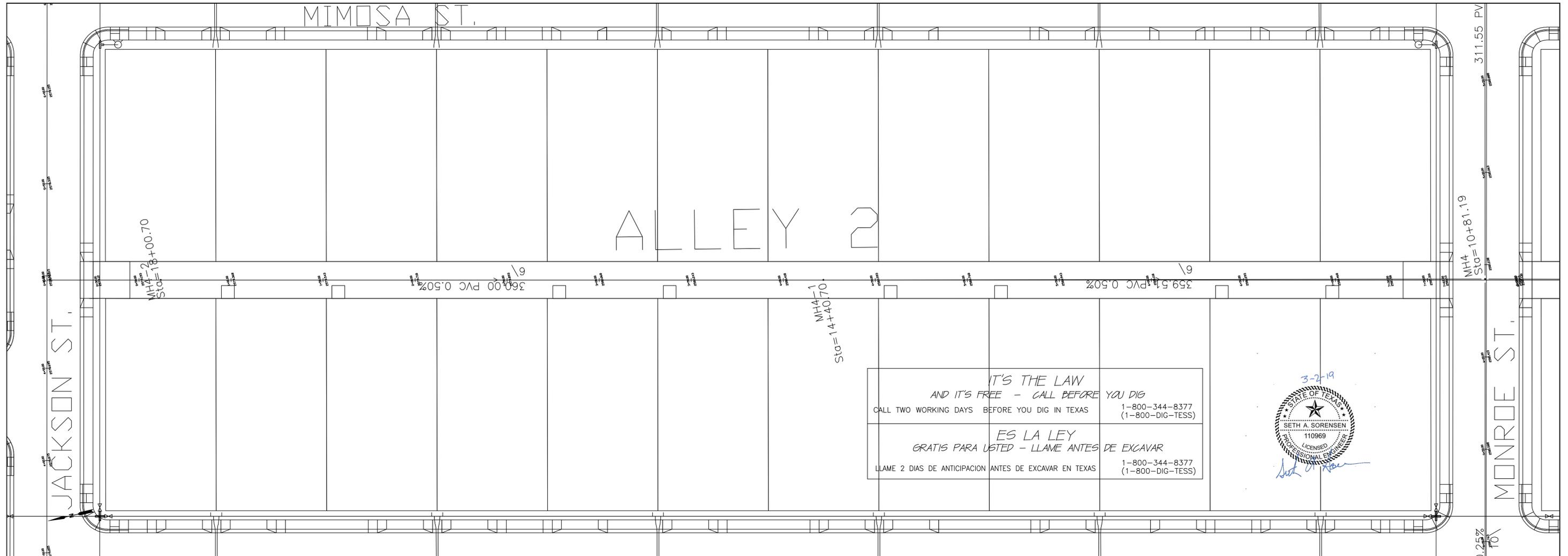
ND. REVISIONS BY DATE DES SAS DRN CHK APPD	DATE 3-2-19	SCALE 1:25 H 1:2 V	<h2 style="margin: 0;">MH 2 TO MH 2-2 NORTH</h2>	STA 0+00 - STA 7+19.21	SHEET SP5 OF
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NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	TITLE	STATIONING	SHEET
				DRN		3-2-19	1:25 H 1:2 V	MH 3 TO MH 3-2 NORTH	STA 0+00 - STA 7+19.36	SP6 OF
				CHK						
				APPD						

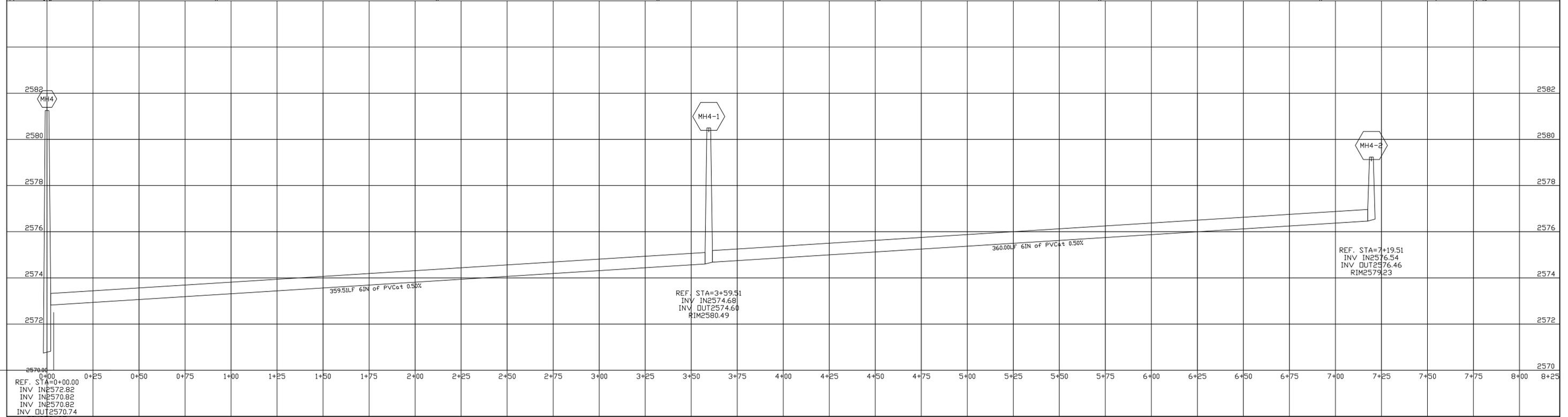


NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE			SHEET
				DRN		3-2-19	1:25 H	MH 4 TO MH 4-2 SOUTH	STA 0+00 - STA 7+00.49	SP7
				CHK			1:2 V			DF
				APPD						

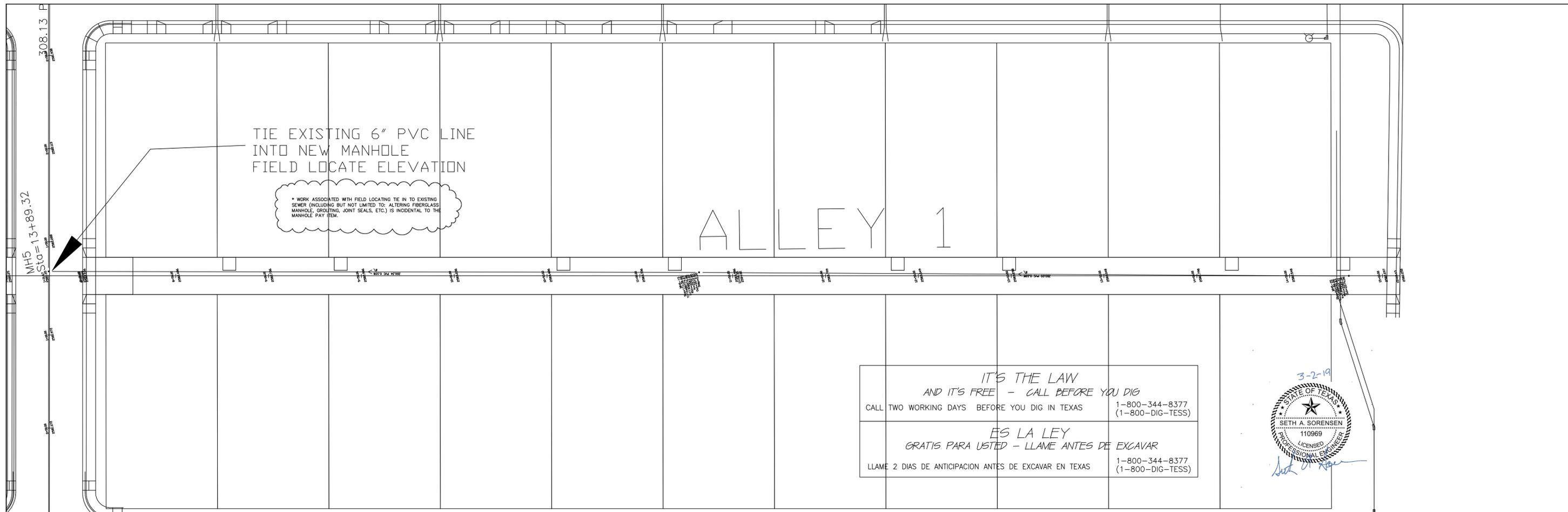


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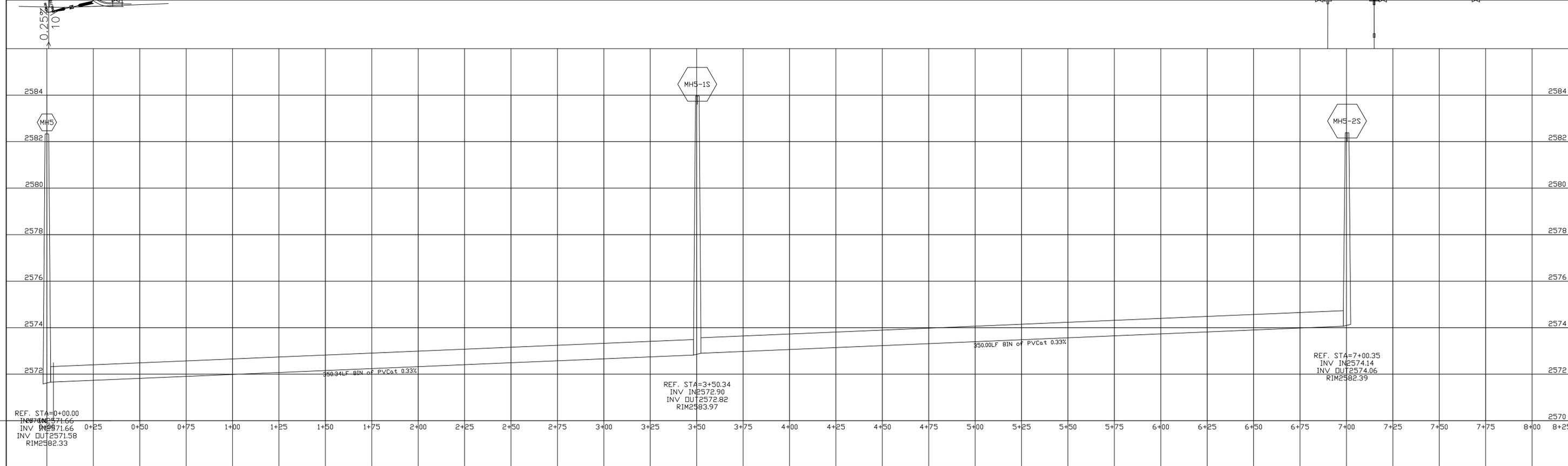


NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE			SHEET
				DRN		3-2-19	1:25 H	MH 4 TO MH 4-2 NORTH	STA 0+00 - STA 7+19.51	SP8
				CHK			1:2 V			DF
				APPD						

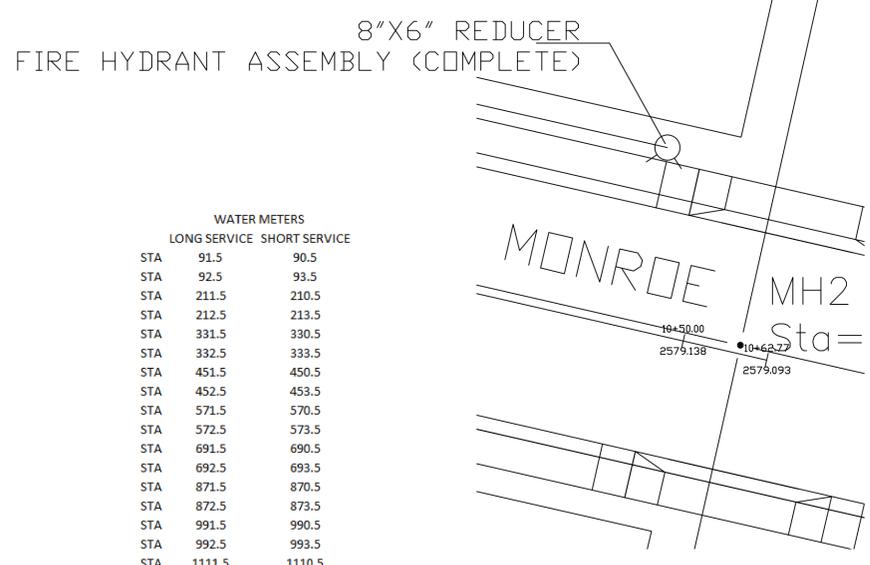
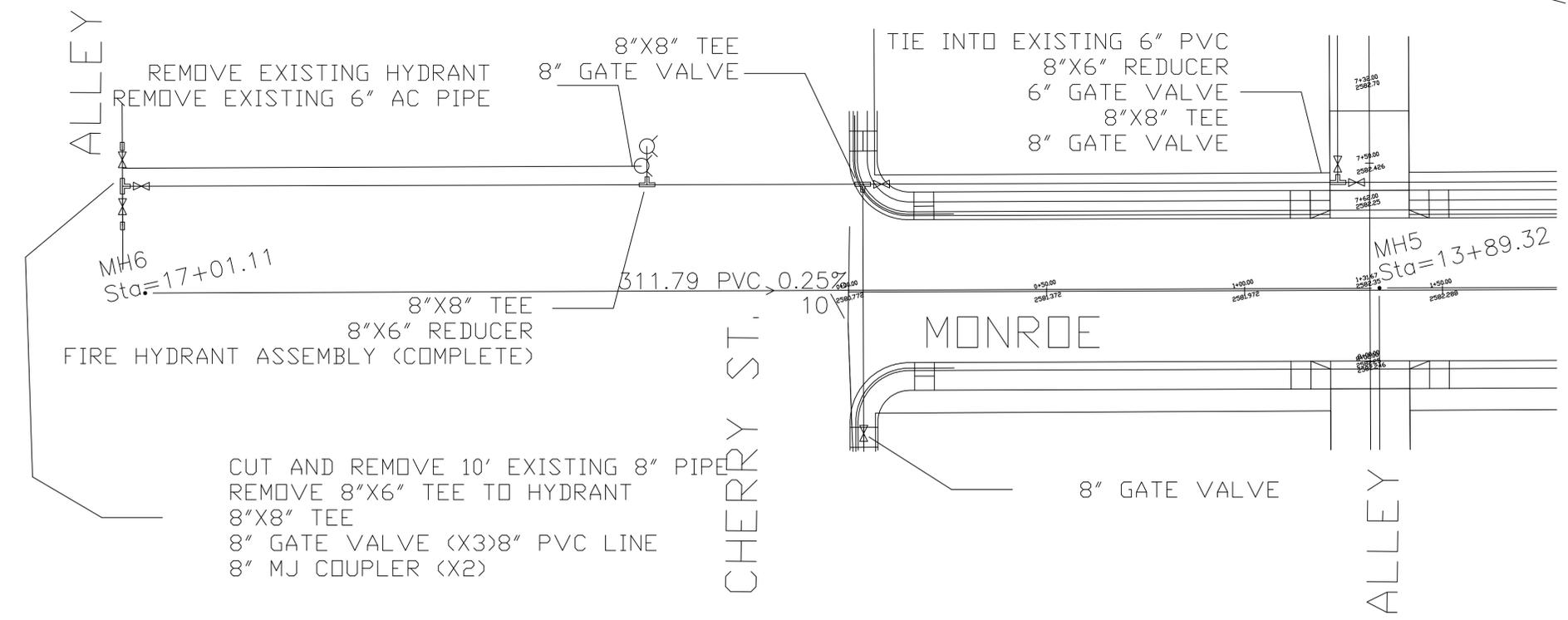
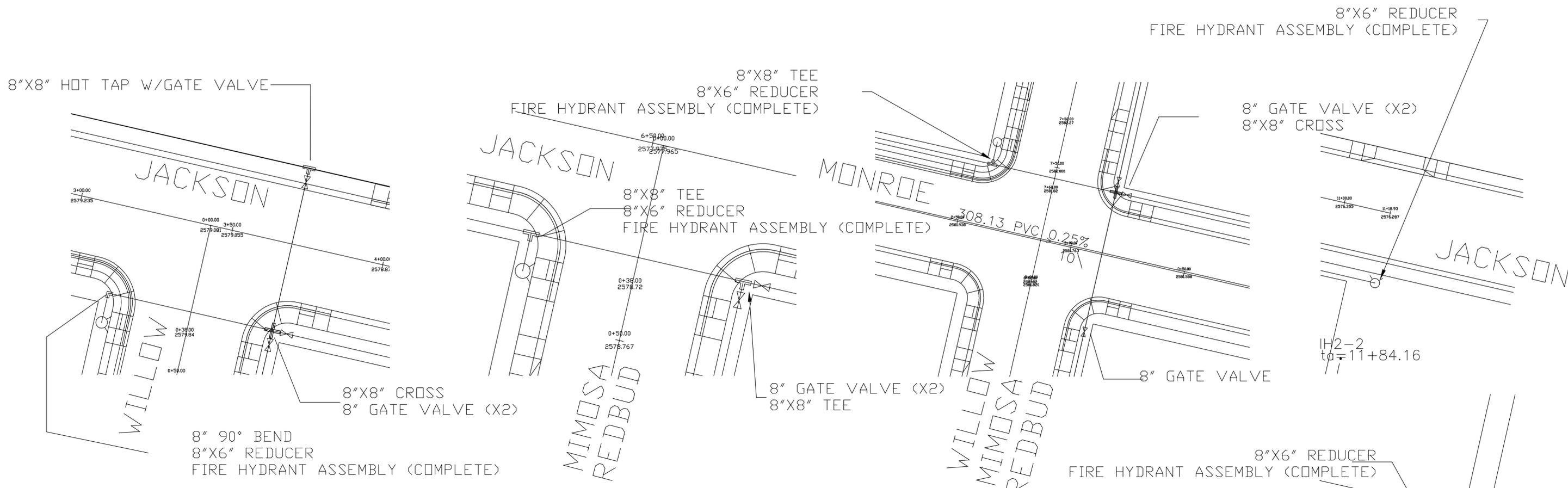


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NO.	REVISIONS	BY	DATE	DES	SAS	DATE	SCALE	<h1 style="text-align: center;">MH 5 TO MH 5-2 SOUTH</h1>	<h2 style="text-align: center;">STA 0+00 - STA 7+00.35</h2>	SHEET SP9 OF
				DRN		3-2-19	1:25 H			
				CHK			1:2 V			
				APPD						



WATER METERS

	LONG SERVICE	SHORT SERVICE
STA	91.5	90.5
STA	92.5	93.5
STA	211.5	210.5
STA	212.5	213.5
STA	331.5	330.5
STA	332.5	333.5
STA	451.5	450.5
STA	452.5	453.5
STA	571.5	570.5
STA	572.5	573.5
STA	691.5	690.5
STA	692.5	693.5
STA	871.5	870.5
STA	872.5	873.5
STA	991.5	990.5
STA	992.5	993.5
STA	1111.5	1110.5
STA	1112.5	1113.5
STA	1231.5	1230.5
STA	1232.5	1233.5
STA	1351.5	1350.5
STA	1352.5	1353.5
STA	1471.5	1470.5
STA	1472.5	1473.5

CUT AND REMOVE 10' EXISTING 8" PIPE
 REMOVE 8"X6" TEE TO HYDRANT
 8"X8" TEE
 8" GATE VALVE (X3)
 8" PVC LINE
 8" MJ COUPLER (X2)

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DRAWN SAS	DATE 3/2/2019	
APPROVED	DATE	
SCALE NTS	SHEET WL1	PROJECT NO. PW19-001

