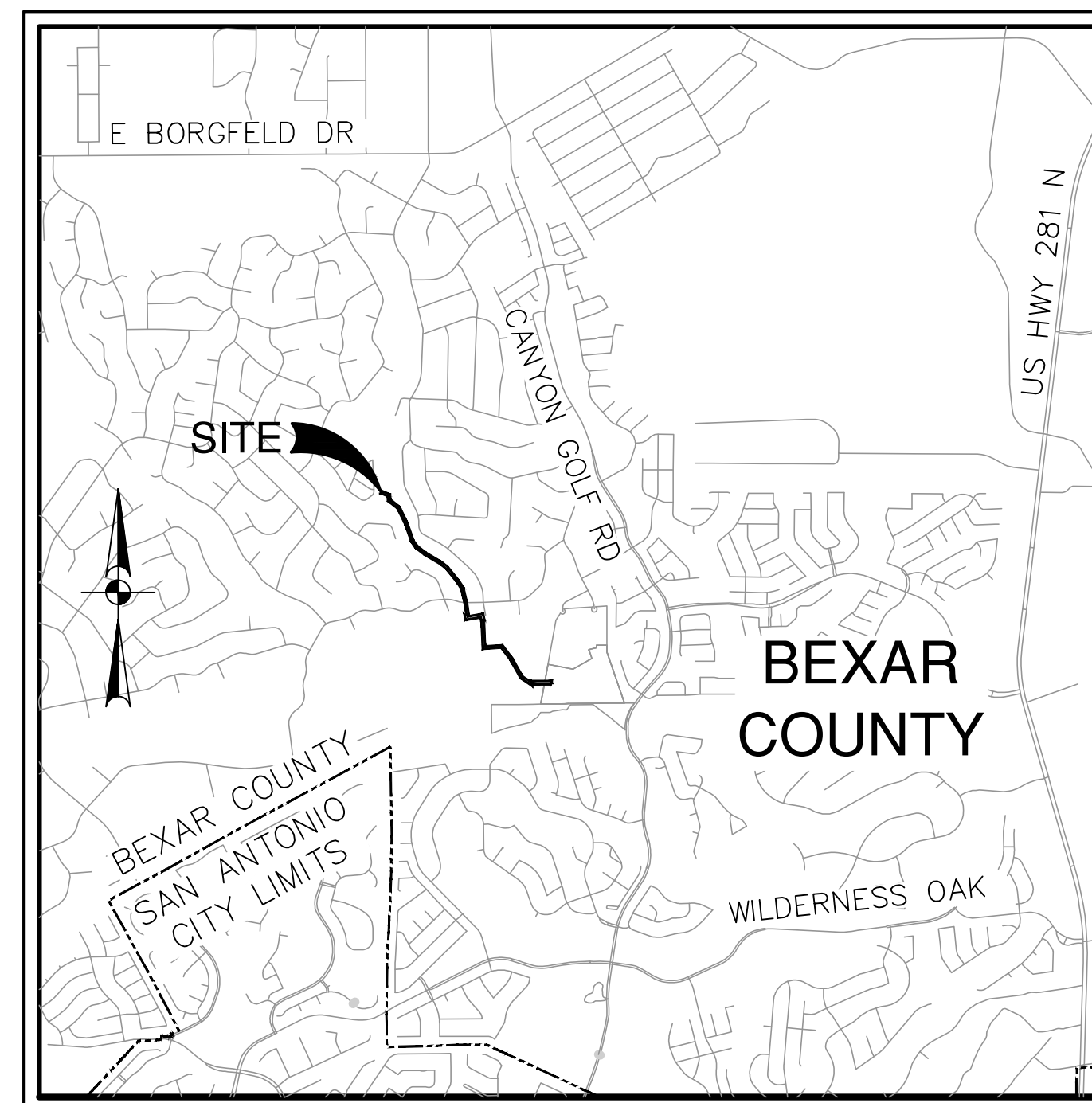


THE VILLAS AT TIMBERWOOD OFFSITE SANITARY SEWER EXTENSION

SAN ANTONIO, TEXAS

CIVIL CONSTRUCTION PLANS



LOCATION MAP
NOT-TO-SCALE

PREPARED FOR:

THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC
20540 STATE HIGHWAY 46 W, STE 115 C/O 497
SPRING BRANCH, TEXAS 78070

JANUARY 2025
REVISED: OCTOBER 2025



2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800



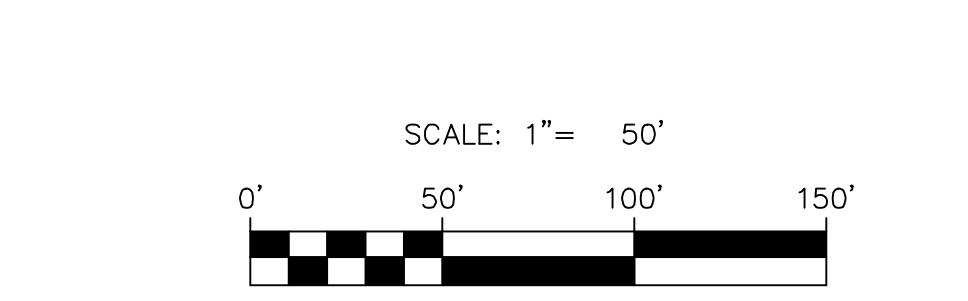
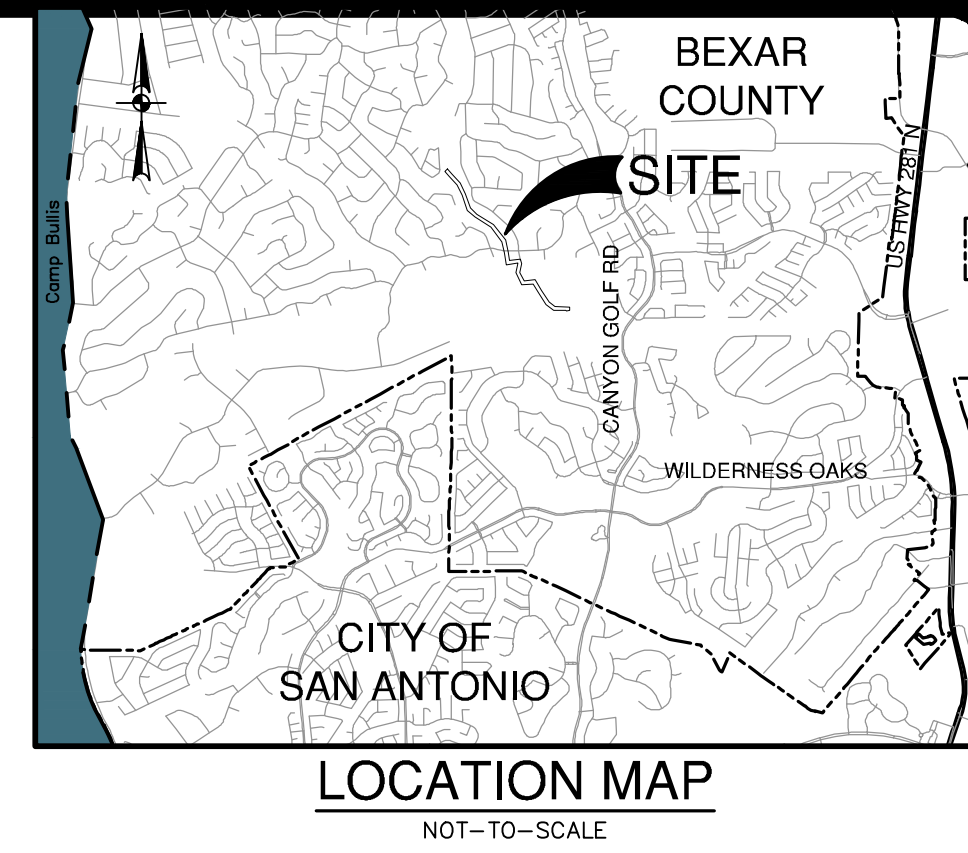
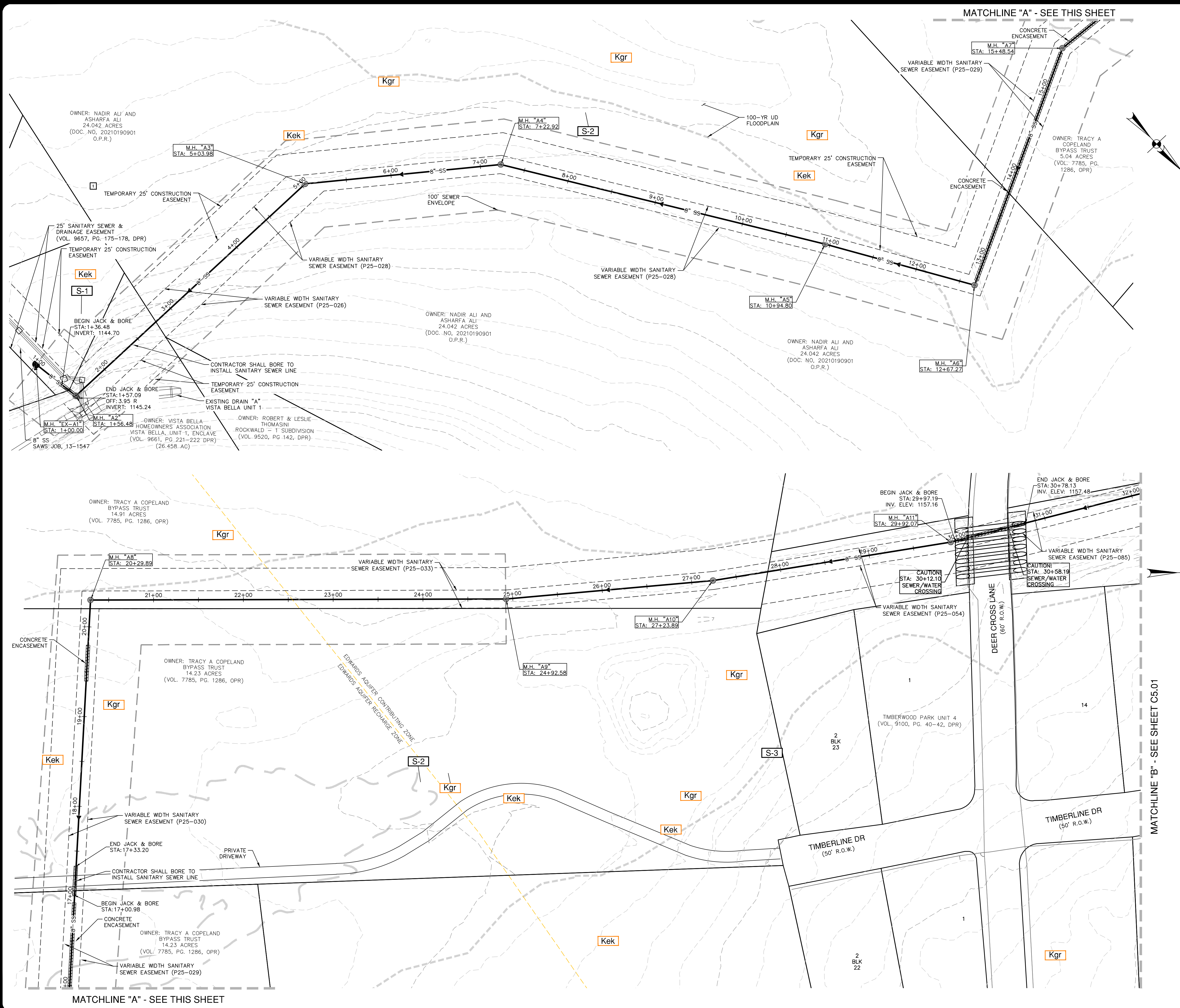
Sheet List Table

Sheet Title	Sheet Description	Sheet Number
COVER SHEET		C0.00
OVERALL SANITARY SEWER PLAN		C5.00
OVERALL SANITARY SEWER PLAN		C5.01
SANITARY SEWER LINE A PLAN & PROFILE	STA. 1+00.00 TO 12+00.00	C5.02
SANITARY SEWER LINE A PLAN & PROFILE	STA. 12+00.00 TO 23+00.00	C5.03
SANITARY SEWER LINE A PLAN & PROFILE	STA. 23+00.00 TO 34+00.00	C5.04
SANITARY SEWER LINE A PLAN & PROFILE	STA. 34+00.00 TO 45+00.00	C5.05
SANITARY SEWER LINE A PLAN & PROFILE	STA. 45+00.00 TO END	C5.06
SANITARY SEWER DETAILS		C5.10
SANITARY SEWER NOTES		C5.11
STORM WATER POLLUTION PREVENTION PLAN		C8.00
STORM WATER POLLUTION PREVENTION PLAN		C8.01
STORM WATER POLLUTION PREVENTION PLAN		C8.10
STORM WATER POLLUTION PREVENTION PLAN	DETAILS	C8.10

SEWER

DEVELOPER'S NAME: THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
 ADDRESS: 20540 STATE HIGHWAY 46 W, STE 115 C/O 497
 CITY: SPRING BRANCH STATE: TEXAS ZIP: 78070
 PHONE# - - FAX# - -
 SAWS BLOCK MAP# 164670 TOTAL EDU'S 0 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8" 5497 LF PLAT NO. - -
 NUMBER OF LOTS 0 SAWS JOB NO. 24-1631

SHEET C0.00

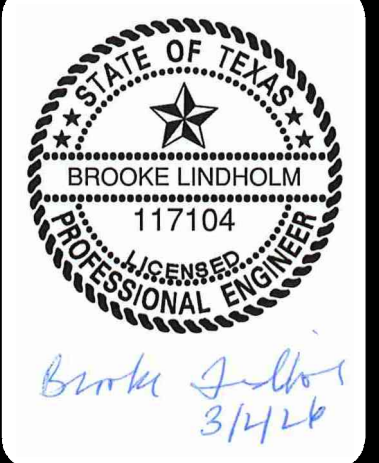


CAUTION!!
 CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING, ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

TRENCH EXCAVATION SAFETY PROTECTION:
 CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

SEWER
 DEVELOPER'S NAME: CONTINENTAL HOMES OF TEXAS, L.P.
 ADDRESS: 5419 N LOOP 1604 E
 CITY: SAN ANTONIO STATE: TX ZIP: 78218
 PHONE# - - - - - FAX# - - - - -
 SAWS BLOCK MAP# 068588 ST068588 U.S. 290 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8' XXXX LF PLAT NO. 21-11800631
 NUMBER OF LOTS 290 SAWS JOB NO. 24-1631

NO.	REVISION	DATE



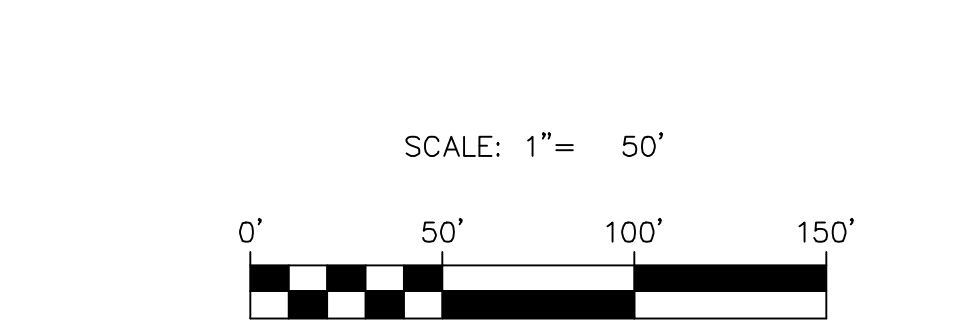
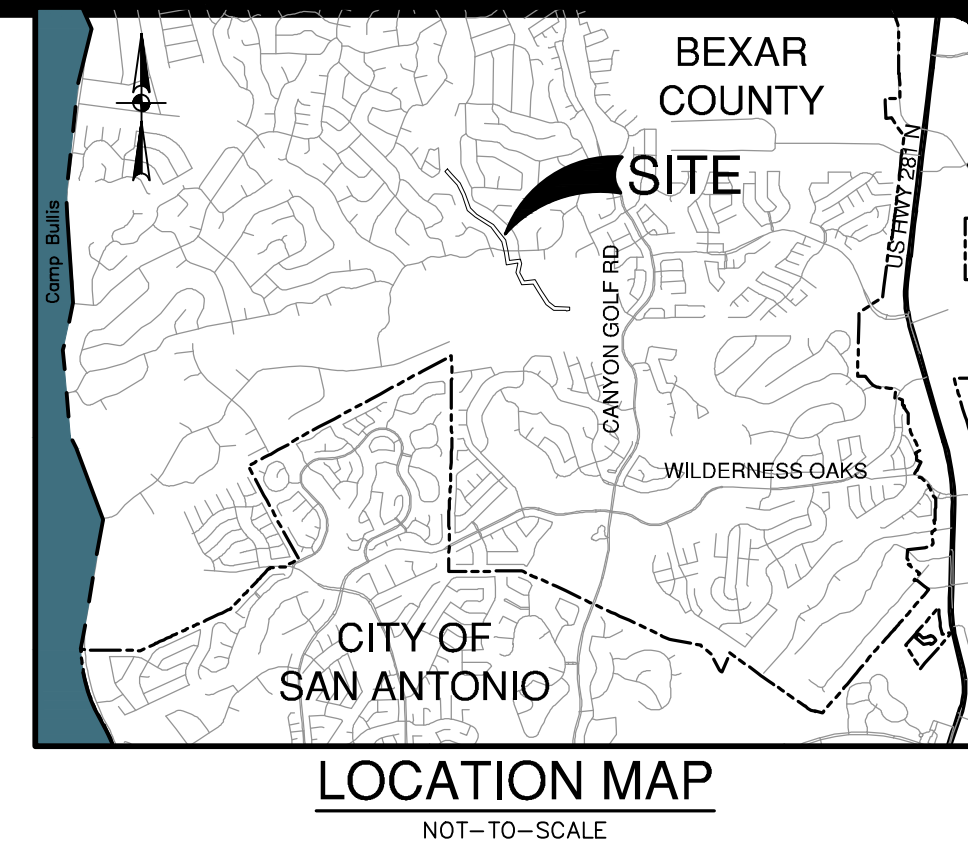
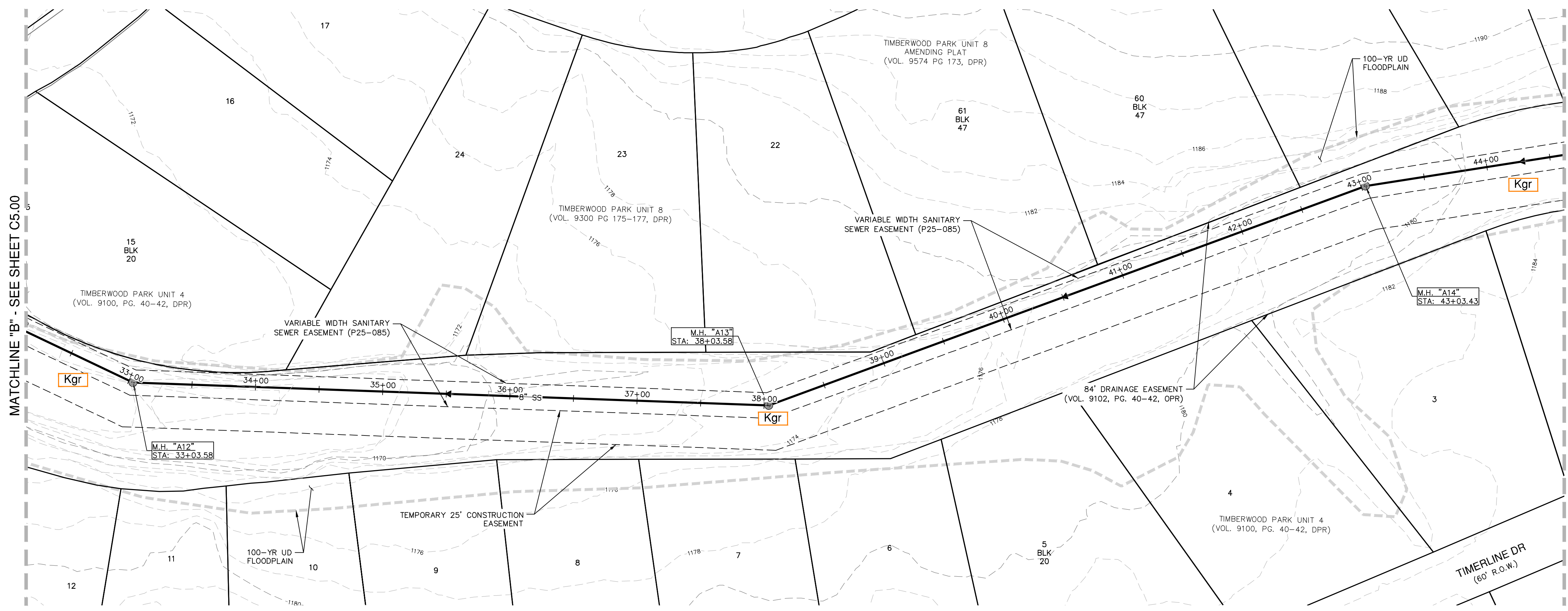
PAPE-DAWSON ENGINEERS
 2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #479 | TEXAS SURVEYING FIRM #1008800

THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
 OVERALL SANITARY SEWER PLAN

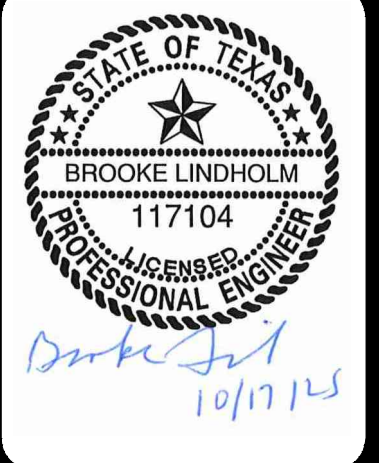
PLAT NO.	-
JOB NO.	13370-00
DATE	MAY 2025
DESIGNER	RA
CHECKED	BL DRAWN RA
SHEET	C5.00

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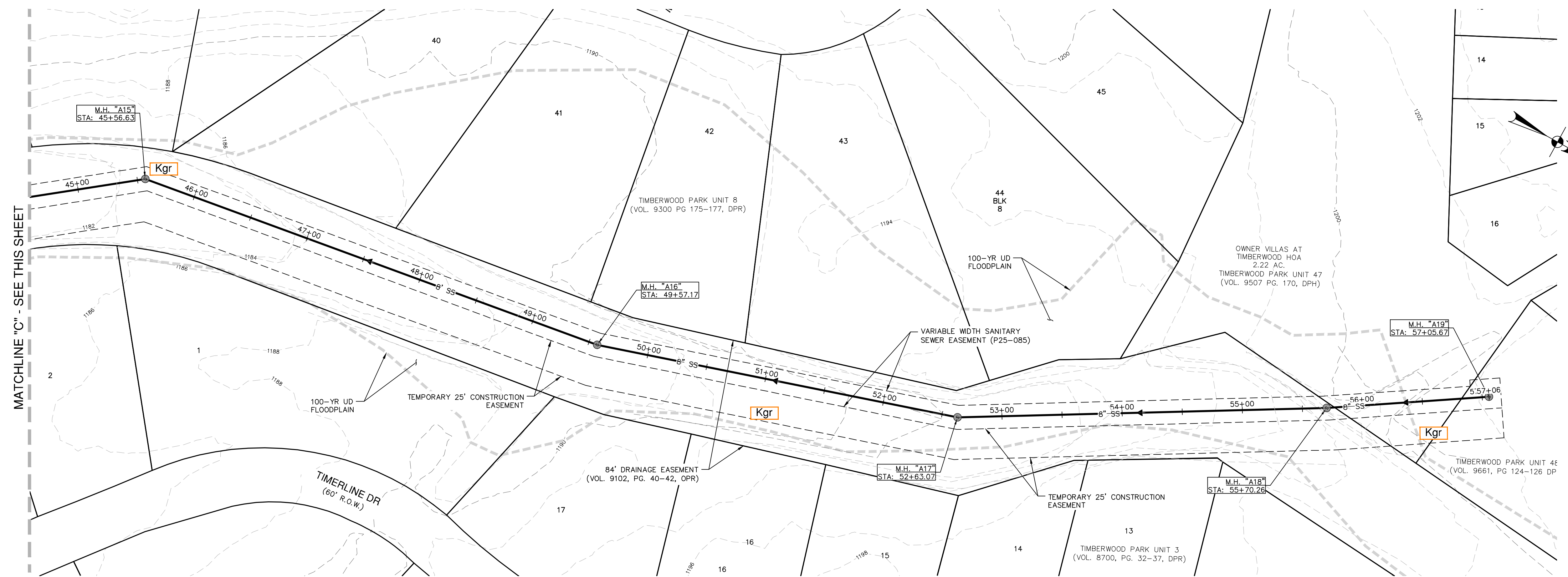
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NO.	REVISION	DATE



PAPE-DAWSON ENGINEERS
 2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800



CAUTION!!
 CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING, ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

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SEWER

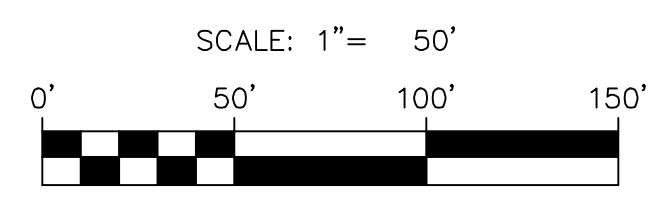
DEVELOPER'S NAME:	CONTINENTAL HOMES OF TEXAS, L.P.
ADDRESS:	5419 N LOOP 1604 E
CITY:	SAN ANTONIO STATE: TX ZIP: 78247
PHONE#	PHONE # FAX# FAX #
SAWS BLOCK MAP#	XXX-XXX TOTAL EDU'S 132 TOTAL ACREAGE 3.05
TOTAL LINEAR FOOTAGE OF PIPE:	8' XXXX LF PLAT NO. 25-11800410
NUMBER OF LOTS	XX SAWS JOB NO. 24-1631

THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
 OVERALL SANITARY SEWER PLAN

PLAT NO.	-
JOB NO.	13370-00
DATE	MAY 2025
DESIGNER	RA
CHECKED	BL DRAWN RA
SHEET	C5.01

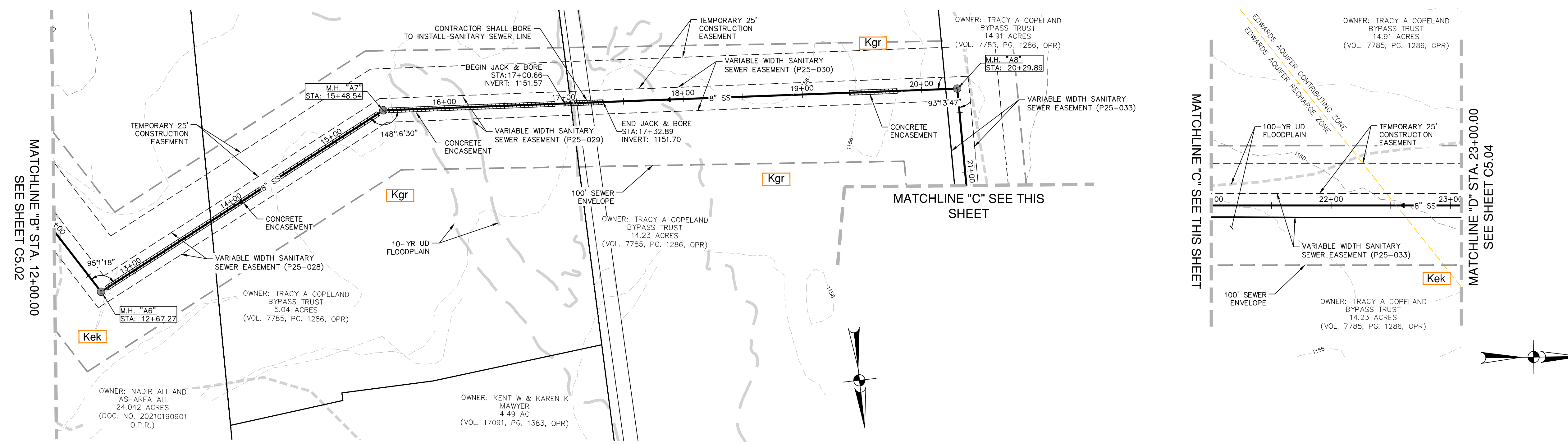
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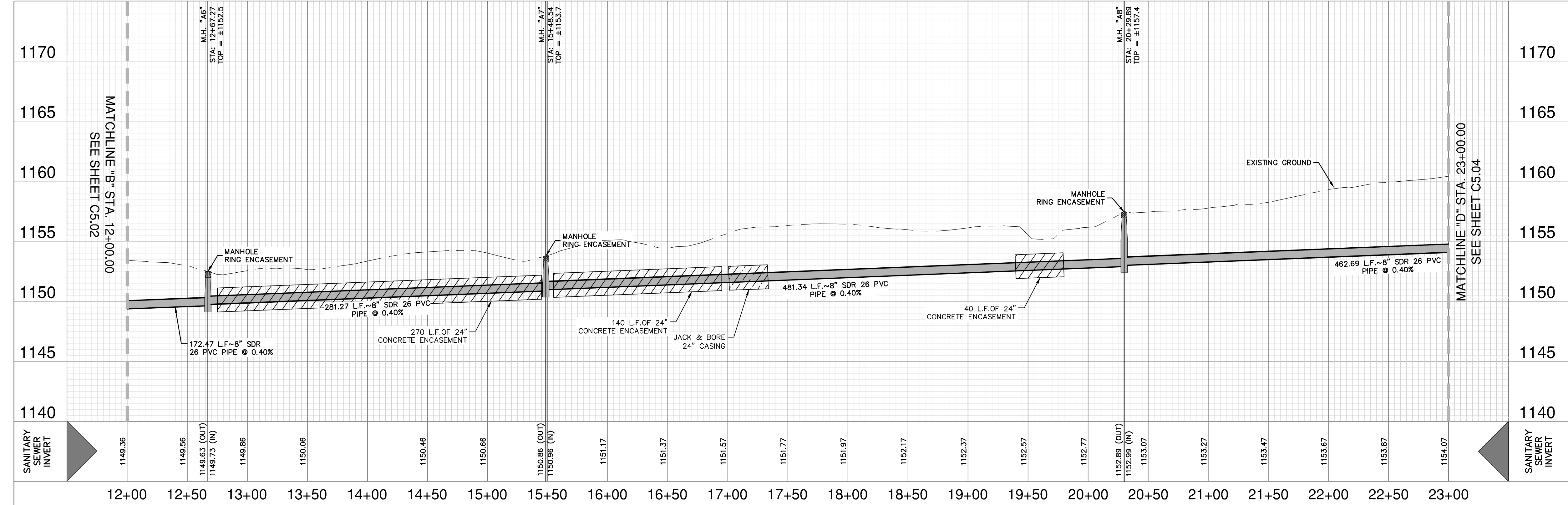
SEWER LEGEND

- PROJECT LIMITS
- EXISTING WATER
- EXISTING SEWER
- PROPOSED SEWER
- 100' SEWER ENVELOPE
- GEOLOGIC FORMATIONS
 - Kek** KAINER
 - Kgr** GLEN ROSE
- SYMBOLS AND LINES
 - S-1** POTENTIAL RECHARGE FEATURE



SANITARY SEWER LINE "A"
STA. 12+00.00 TO 23+00.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'



CAUTION!!
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SEWER

DEVELOPER'S NAME: THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
 ADDRESS: 20540 STATE HIGHWAY 46 W. STE 115 C/O 497
 CITY: SPRING BRANCH STATE: TEXAS ZIP: 78070
 PHONE# - FAX# -
 SAWS BLOCK MAP# 164670 TOTAL EDU'S 0 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8" 5497 LF PLAT NO. -
 NUMBER OF LOTS 0 SAWS JOB NO. 24-1631

DATE

NO. REVISION

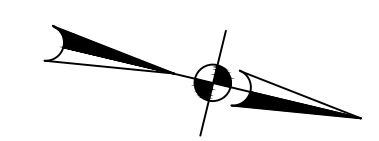
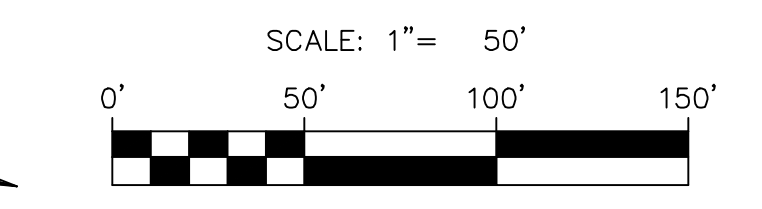
Brooke Lindholm
10/17/14

PAPE-DAWSON ENGINEERS

2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
 SANITARY SEWER LINE A PLAN & PROFILE
 STA. 12+00.00 TO 23+00.00

PLAT NO. -
 JOB NO. 13370-00
 DATE MAY 2025
 DESIGNER RA
 CHECKED BL DRAWN RA
 SHEET C5.03



SEWER LEGEND

- PROJECT LIMITS
- EXISTING WATER
- EXISTING SEWER
- PROPOSED SEWER
- 100' SEWER ENVELOPE
- PAVEMENT REMOVAL AND REPLACEMENT
- S-1 POTENTIAL RECHARGE FEATURE
- SYMBOLS AND LINES
- KEK KAINER
- KGR GLEN ROSE

DATE: _____

NO. REVISION: _____

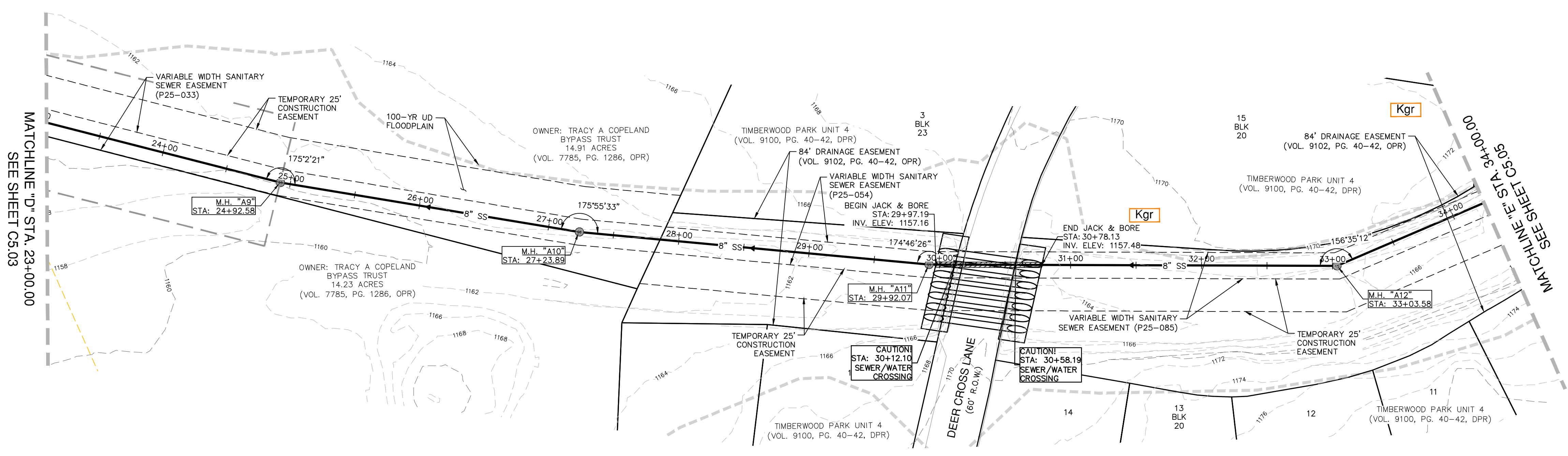
Brooke Lindholm
10/17/24

PAPE-DAWSON ENGINEERS

2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

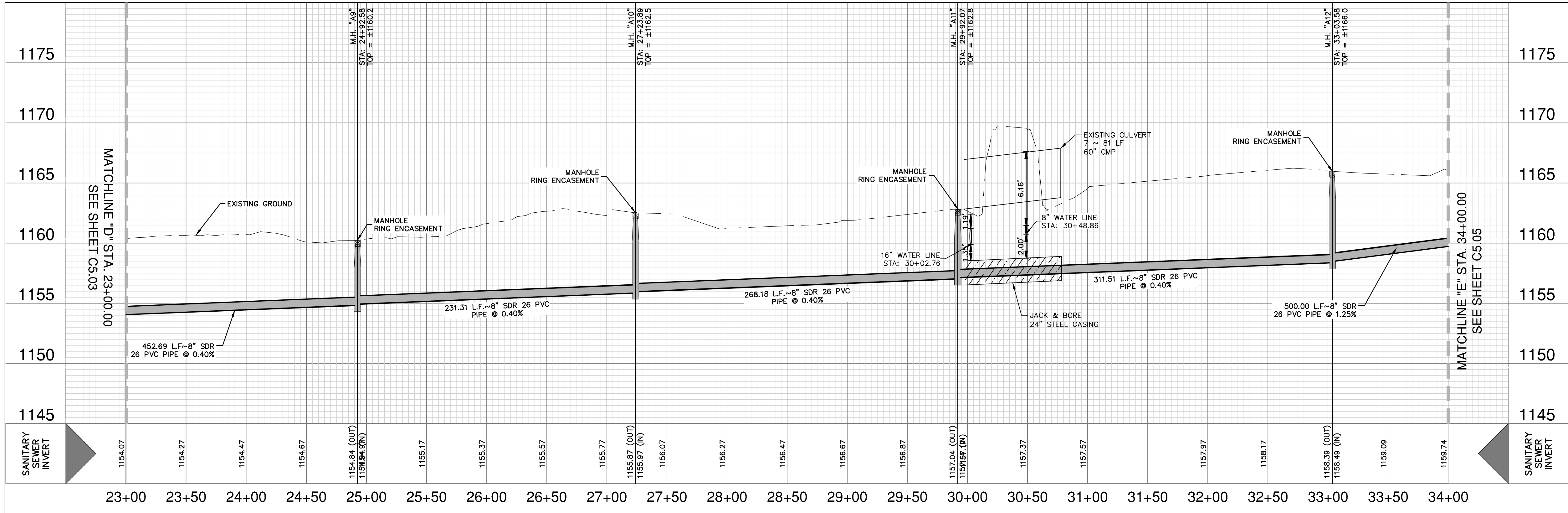
THE VILLAS AT TIMBERWOOD OFFSITE
SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
SANITARY SEWER LINE A PLAN & PROFILE
 STA. 23+00.00 TO 34+00.00

PLAT NO.	-
JOB NO.	13370-00
DATE	MAY 2025
DESIGNER	RA
CHECKED	BL DRAWN RA
SHEET	C5.04



SANITARY SEWER LINE "A"
 STA. 23+00.00 TO 34+00.00

VERTICAL SCALE: 1" = 5'
 HORIZONTAL SCALE: 1" = 50'



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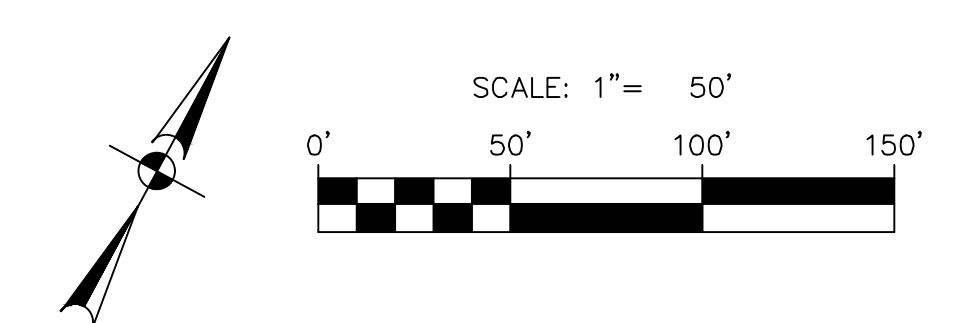
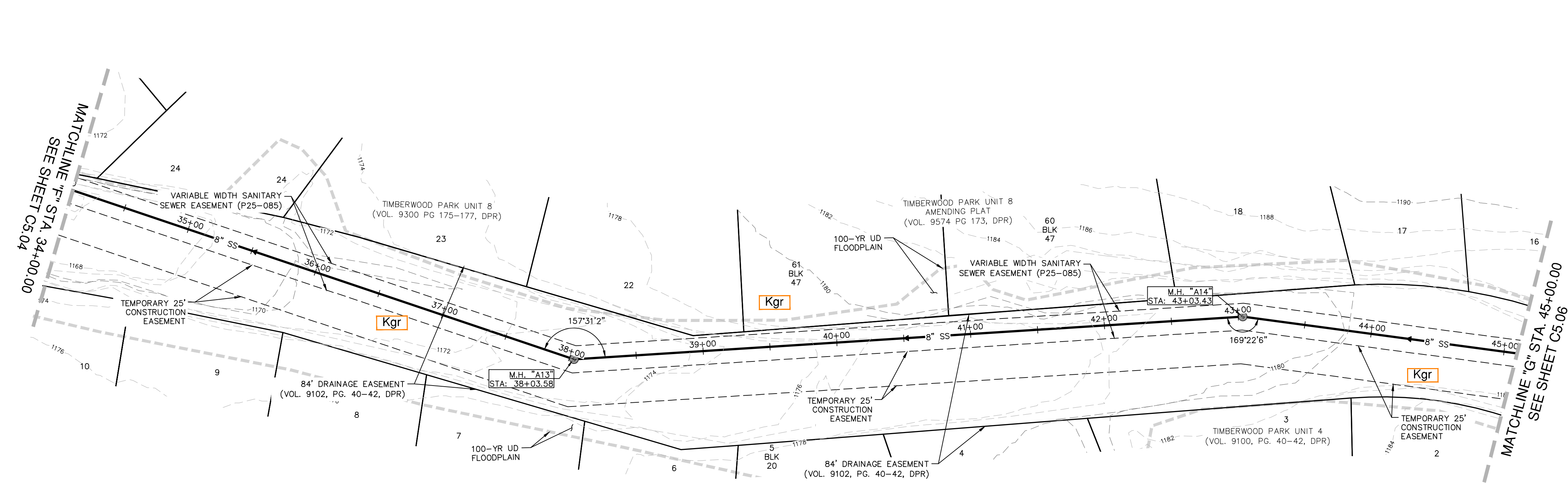
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SEWER

DEVELOPER'S NAME:	THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
ADDRESS:	20540 STATE HIGHWAY 46 W. STE 115 C/O 497
CITY:	SPRING BRANCH STATE: TEXAS ZIP: 78070
PHONE#	- FAX# -
SAWS BLOCK MAP#	164670 TOTAL EDU'S 0 TOTAL ACREAGE 3.05
TOTAL LINEAR FOOTAGE OF PIPE:	8" 5497 LF PLAT NO. -
NUMBER OF LOTS	0 SAWS JOB NO. 24-1631

Date: July 26, 2024, 11:13 AM - User ID: rlvarez
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SEWER LEGEND

PROJECT LIMITS: ---

EXISTING WATER: ---

EXISTING SEWER: ---

PROPOSED SEWER: ---

100' SEWER ENVELOPE: ---

PAVEMENT REMOVAL AND REPLACEMENT: [Hatched Box]

SYMBOLS AND LINES

S-1 POTENTIAL RECHARGE FEATURE

GEOLOGIC FORMATIONS

Kek KAINER

Kgr GLEN ROSE

DATE: _____

NO. REVISION: _____

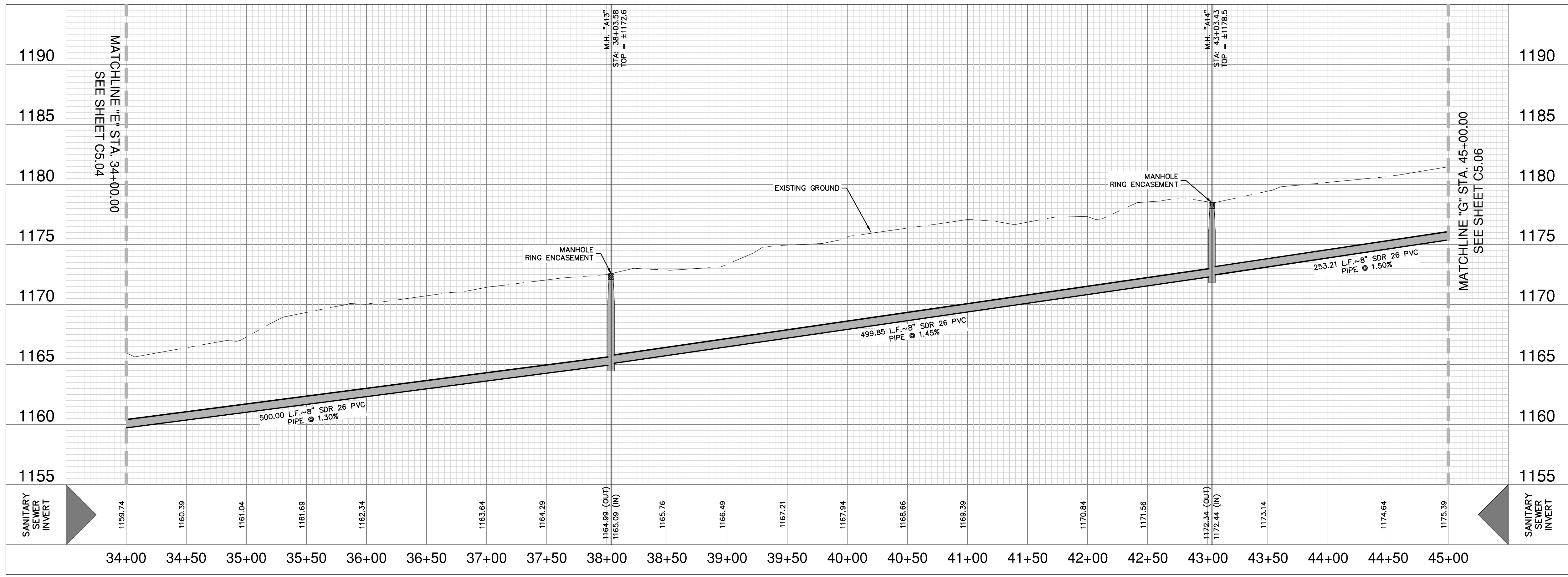
STATE OF TEXAS
 BROOKE LINDHOLM
 117104
 LICENSED PROFESSIONAL ENGINEER
Brooke Lindholm
 10/17/14

PAPE-DAWSON ENGINEERS

2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

SANITARY SEWER LINE "A"
 STA. 34+00.00 TO 45+00.00

VERTICAL SCALE: 1" = 5'
 HORIZONTAL SCALE: 1" = 50'



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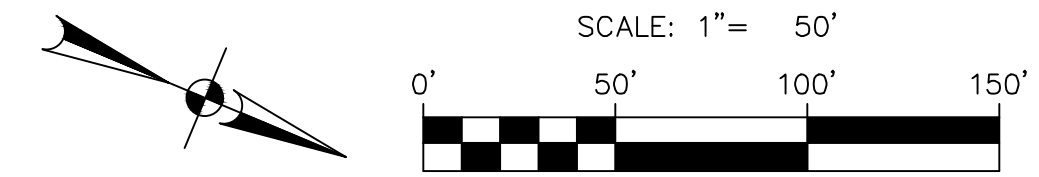
SEWER

DEVELOPER'S NAME: THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
 ADDRESS: 20540 STATE HIGHWAY 46 W. STE 115 C/O 497
 CITY: SPRING BRANCH STATE: TEXAS ZIP: 78070
 PHONE# - FAX# -
 SAWS BLOCK MAP# 164670 TOTAL EDU'S 0 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8" 5497 LF PLAT NO. -
 NUMBER OF LOTS 0 SAWS JOB NO. 24-1631

THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
 SANITARY SEWER LINE A PLAN & PROFILE
 STA. 34+00.00 TO 45+00.00

PLAT NO. -
 JOB NO. 13370-00
 DATE MAY 2025
 DESIGNER RA
 CHECKED BL DRAWN RA
 SHEET C5.05

Date: July 26, 2024, 11:13 AM - User ID: revarez
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SEWER LEGEND

- PROJECT LIMITS
- EXISTING WATER
- EXISTING SEWER
- PROPOSED SEWER
- 100' SEWER ENVELOPE
- GEOLOGIC FORMATIONS
 - Kek** KAINER
 - Kgr** GLEN ROSE
- SYMBOLS AND LINES
 - S-1** POTENTIAL RECHARGE FEATURE

CAUTION!!

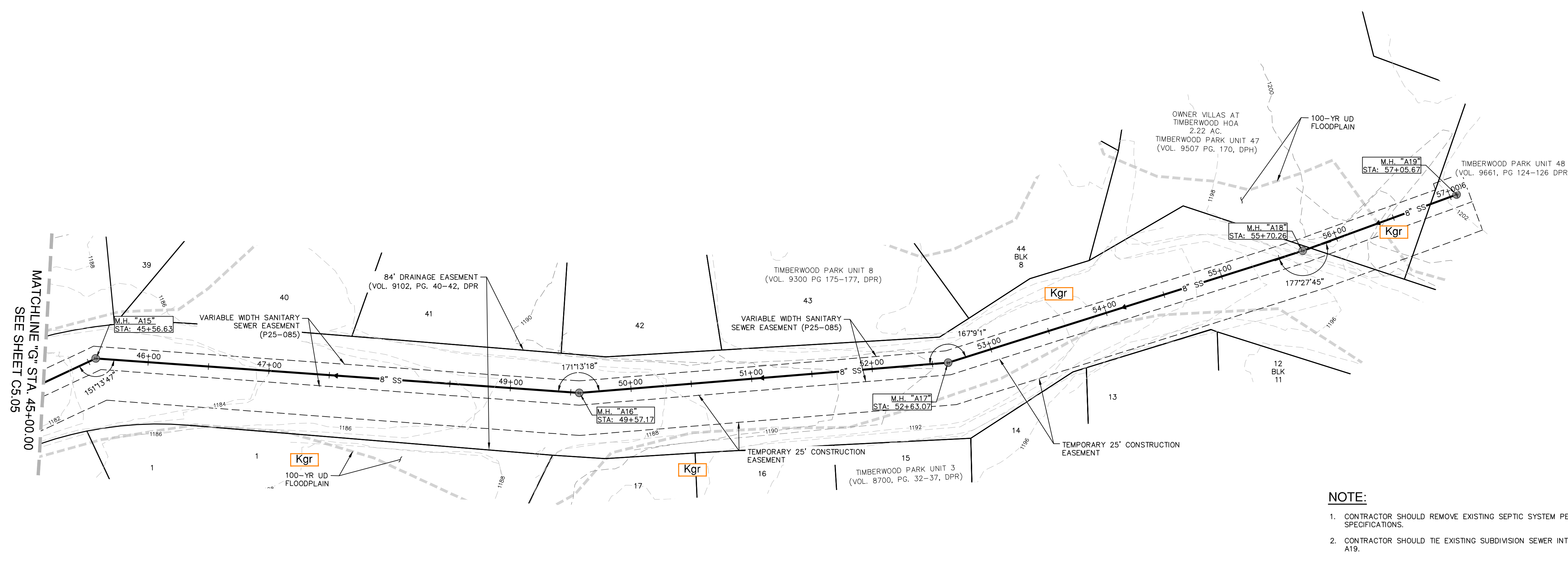
CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT 1-800-DIG-TESS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL BE AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN ON THESE PLANS OR NOT.

TRENCH EXCAVATION SAFETY PROTECTION:

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND /OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

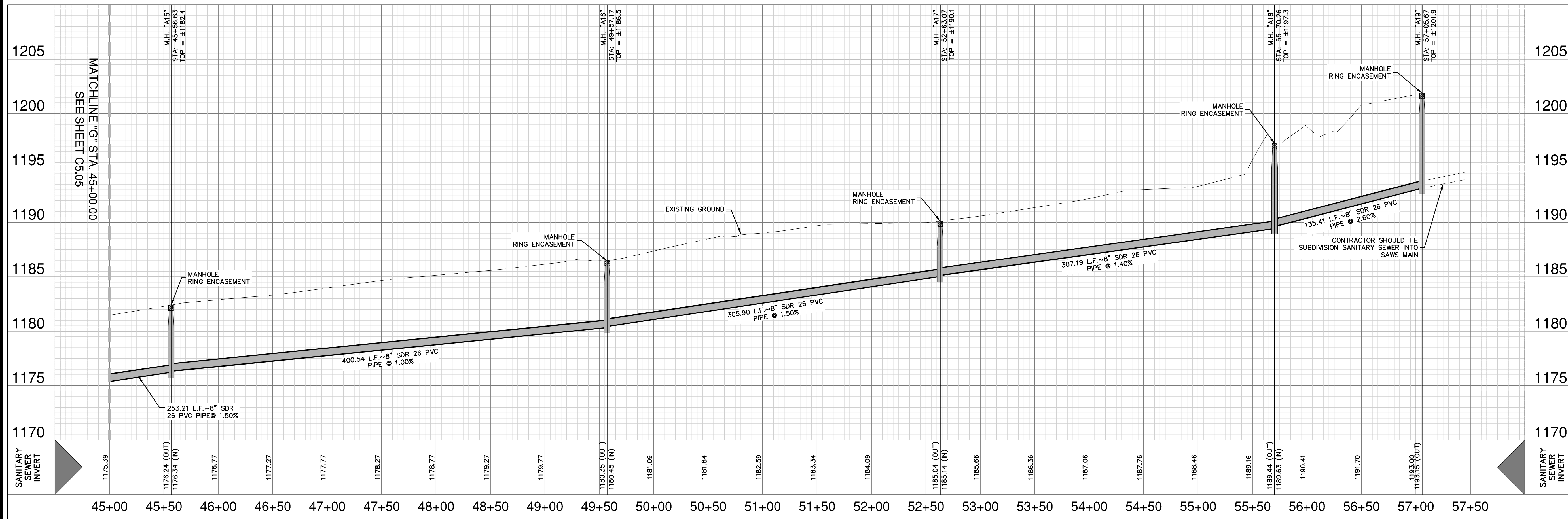
NOTE:

1. CONTRACTOR SHOULD REMOVE EXISTING SEPTIC SYSTEM PER TCEQ SPECIFICATIONS.
2. CONTRACTOR SHOULD TIE EXISTING SUBDIVISION SEWER INTO MANHOLE A19.



SANITARY SEWER LINE "A"
STA. 45+00.00 TO END

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'



SEWER

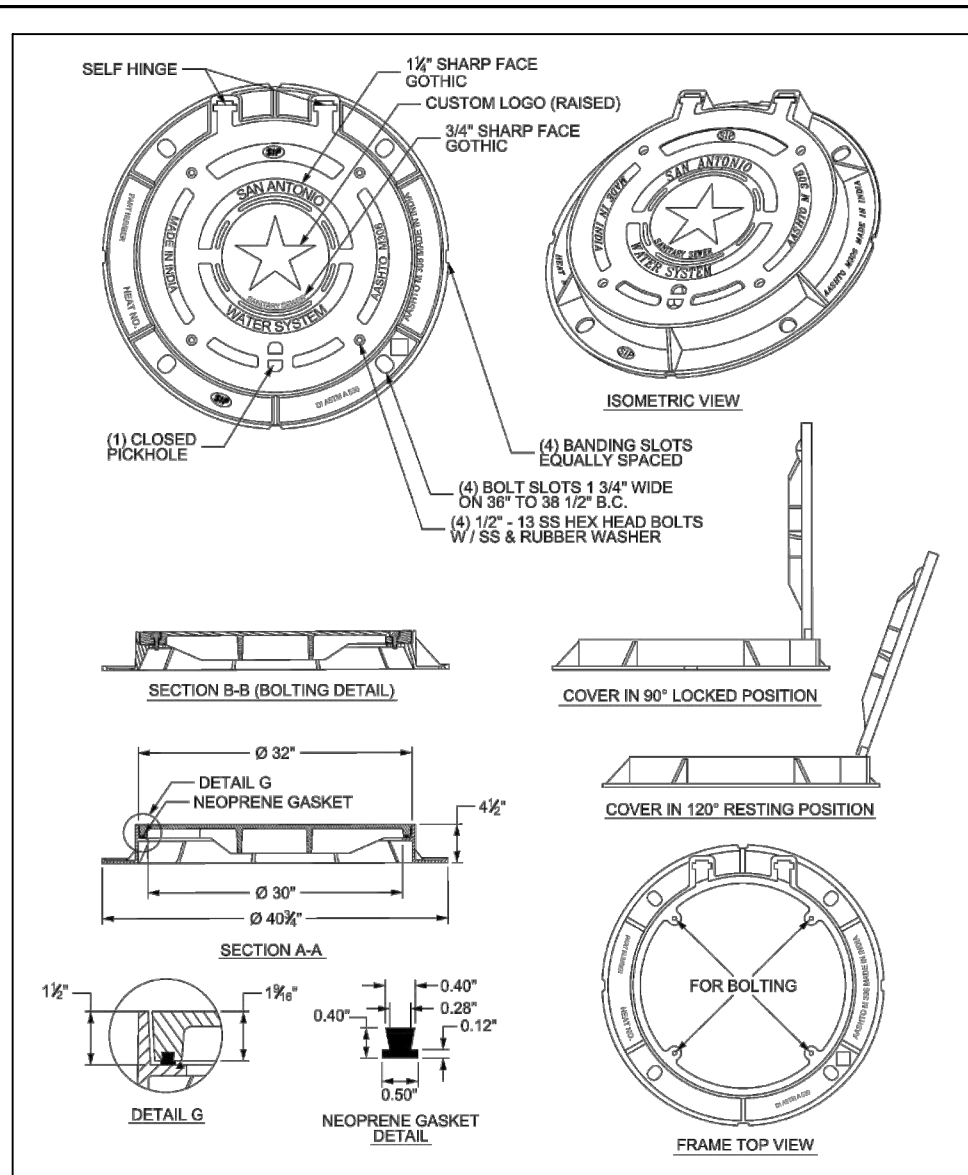
DEVELOPER'S NAME: THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
 ADDRESS: 20540 STATE HIGHWAY 46 W. STE 115 C/O 497
 CITY: SPRING BRANCH STATE: TEXAS ZIP: 78070
 PHONE# - FAX# -
 SAWS BLOCK MAP# 164670 TOTAL EDU'S 0 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8" SDR 26 PVC PIPE 5497 LF PLAT NO. -
 NUMBER OF LOTS 0 SAWS JOB NO. 24-1631

DATE	
NO.	REVISION

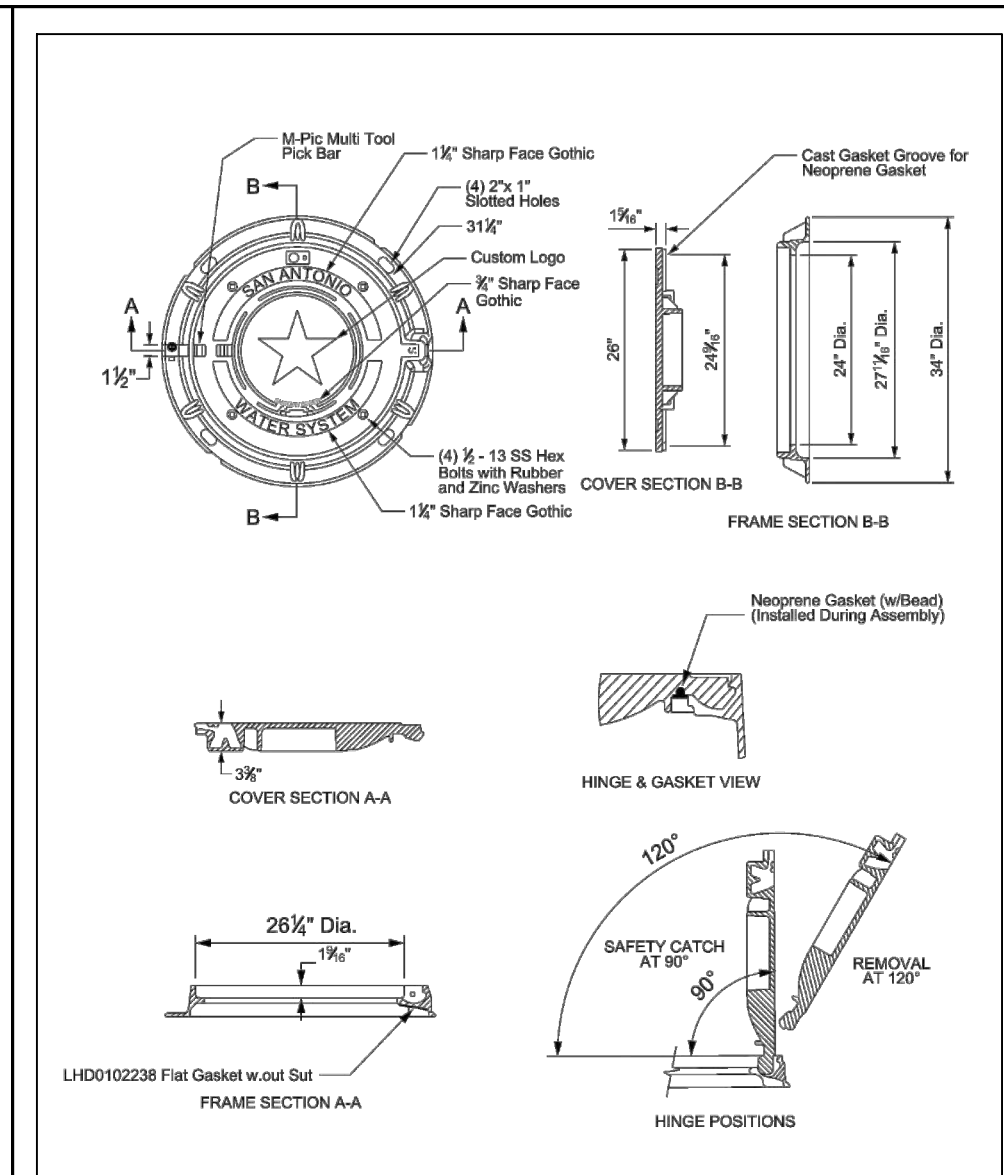
PAPE-DAWSON ENGINEERS
 BROOKE LINDHOLM
 LICENSED PROFESSIONAL ENGINEER
 117104
 2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
 SANITARY SEWER LINE A PLAN & PROFILE
 STA. 45+00.00 TO END

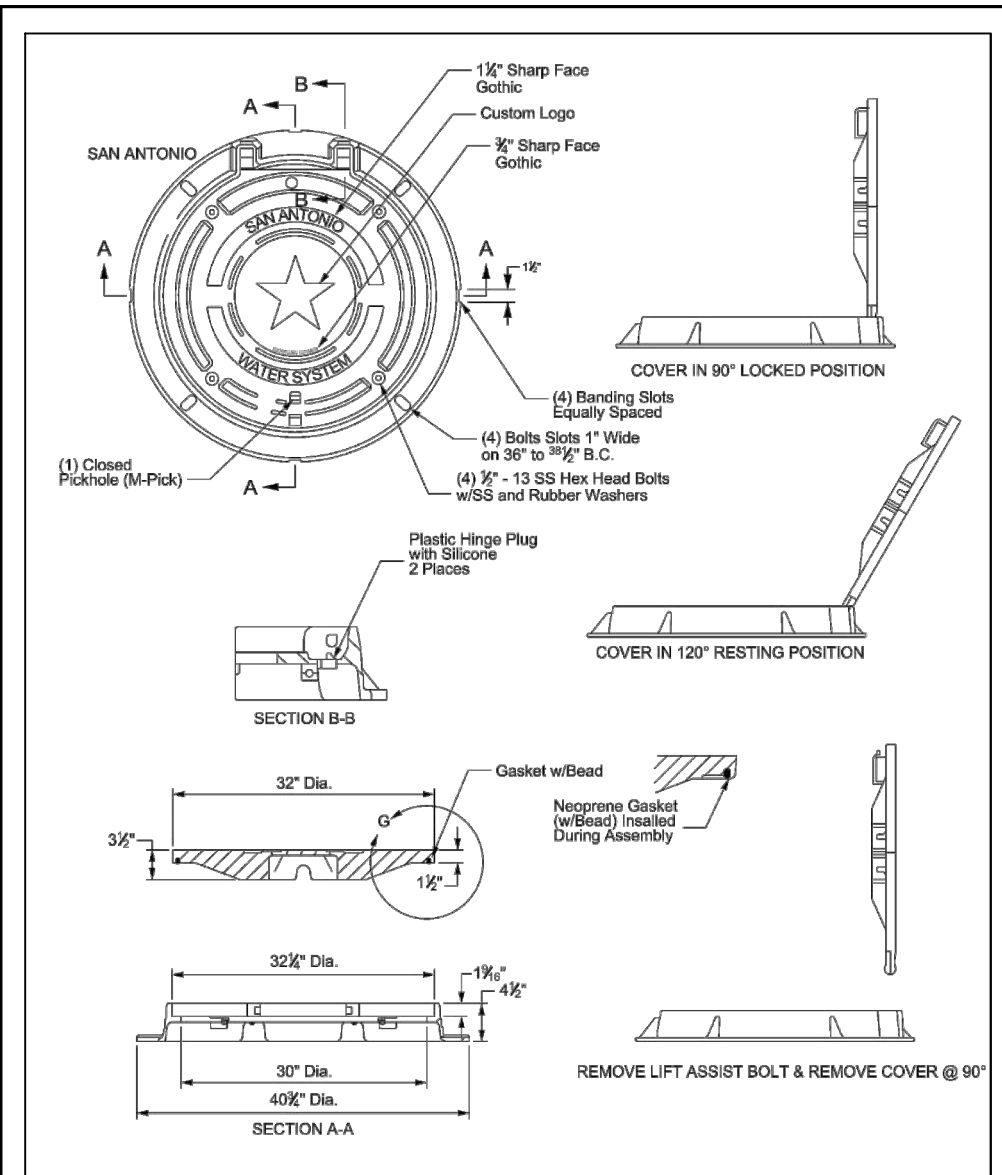
PLAT NO.	-
JOB NO.	13370-00
DATE	MAY 2025
DESIGNER	RA
CHECKED	BL DRAWN RA
SHEET	C5.06



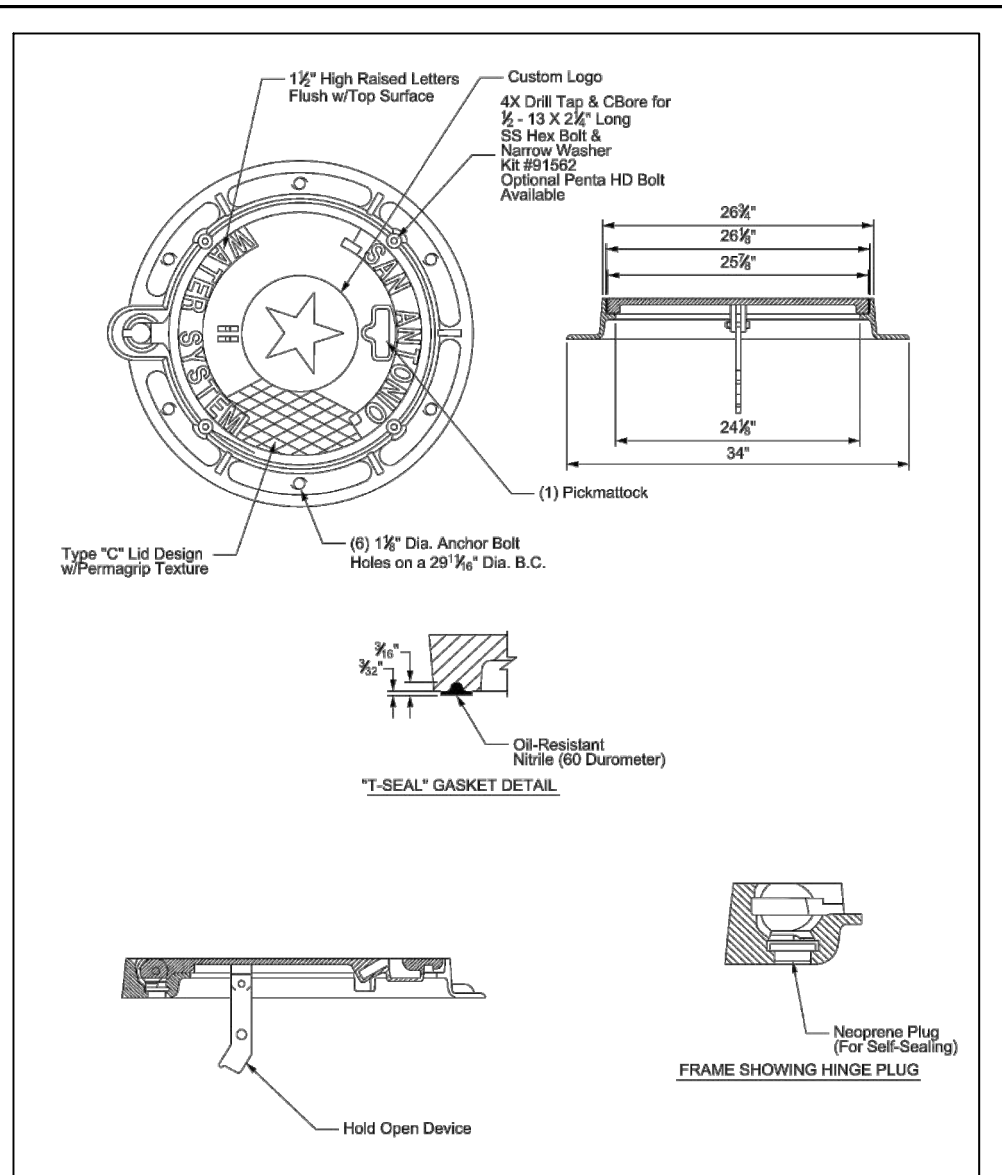
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SAN ANTONIO WATER SYSTEM	MARCH 2008	AUG 2019
SAN ANTONIO, TEXAS	DD 852-07	1 OF 5



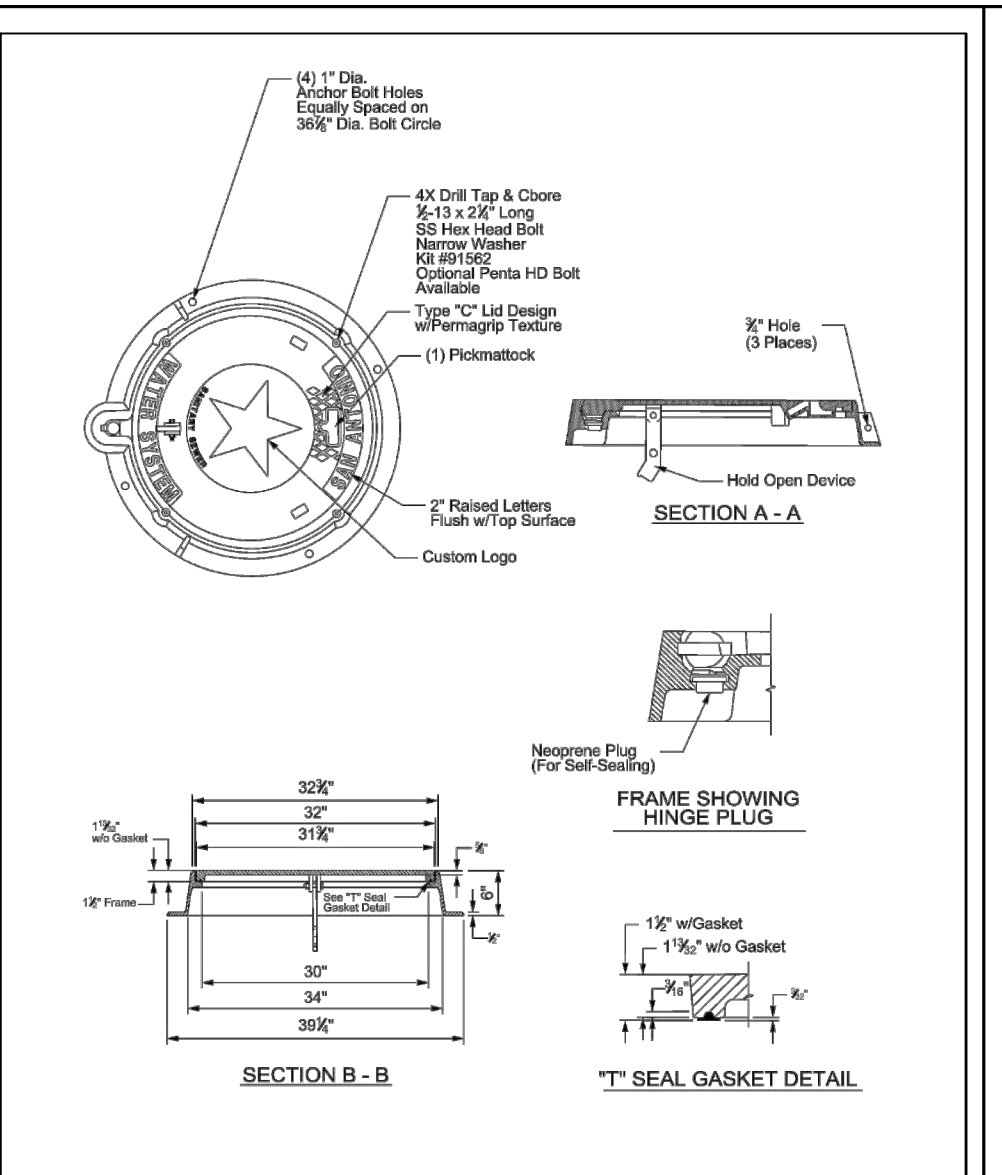
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SAN ANTONIO WATER SYSTEM	MARCH 2008	AUG 2019
SAN ANTONIO, TEXAS	DD 852-07	2 OF 5



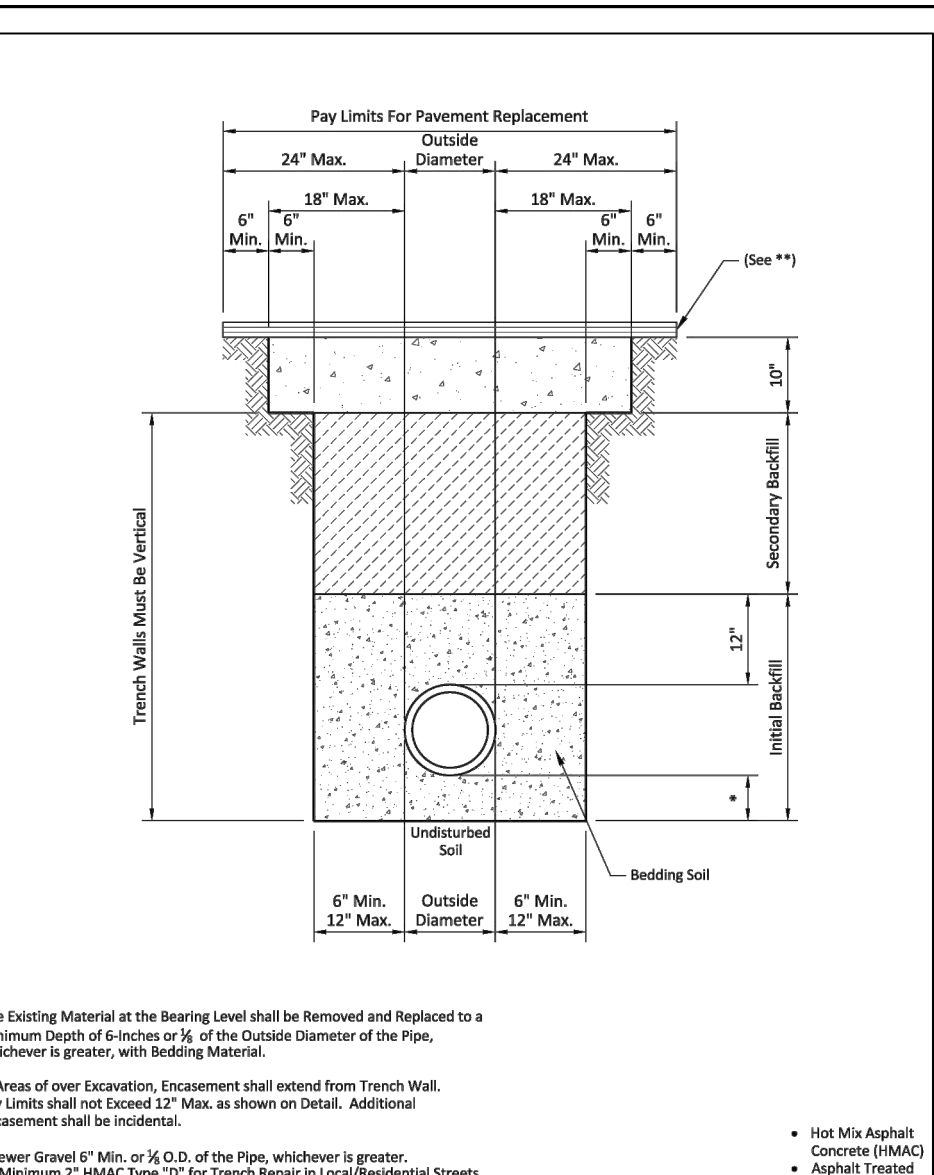
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SAN ANTONIO, TEXAS	DD 852-07	3 OF 5



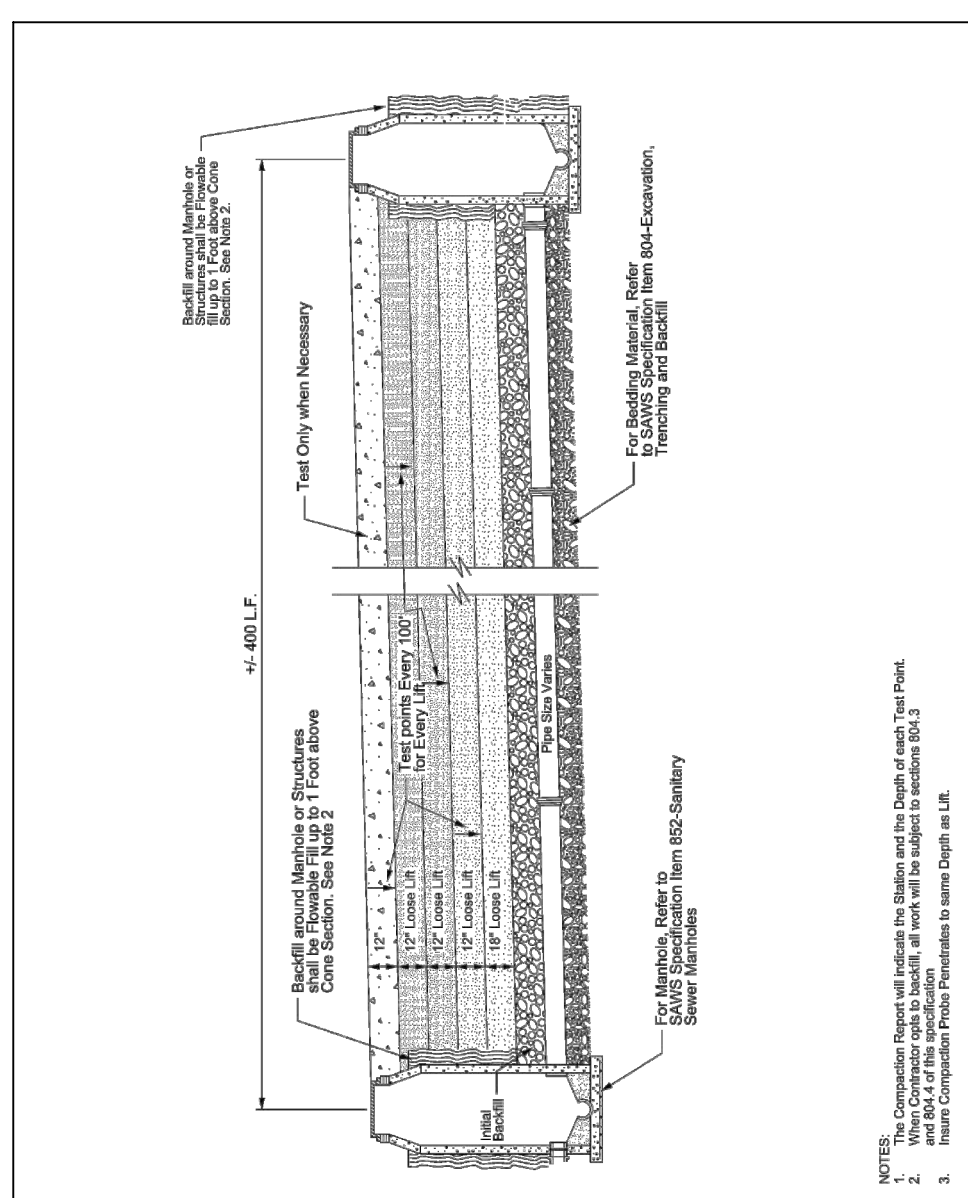
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SAN ANTONIO, TEXAS	DD 852-07	4 OF 5



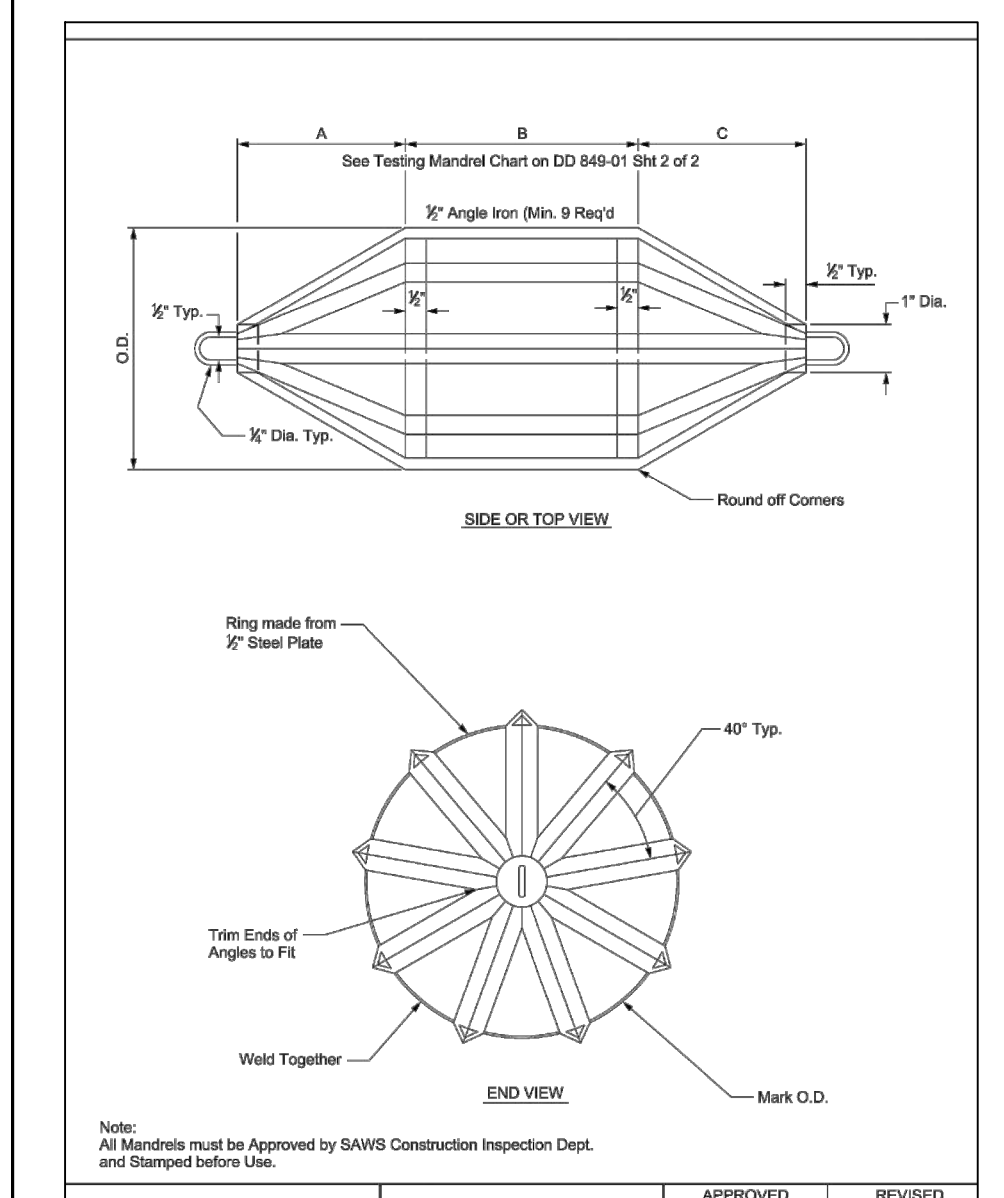
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SAN ANTONIO, TEXAS	DD 852-07	5 OF 5



PROPERTY OF	APPROVED	REVISED
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SAN ANTONIO, TEXAS	DD-804-01	1 OF 1



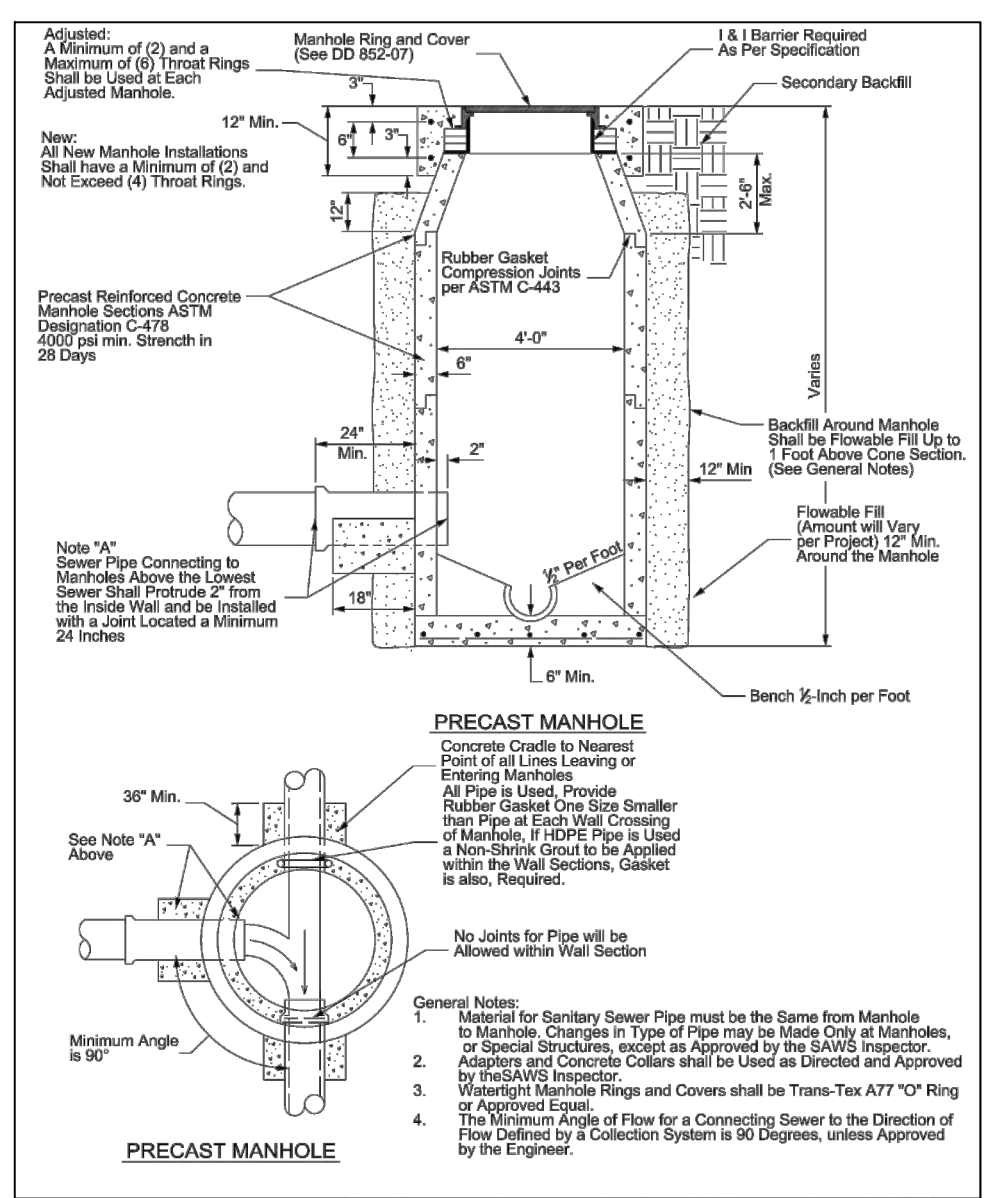
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SAN ANTONIO, TEXAS	DD 804-02	1 OF 1



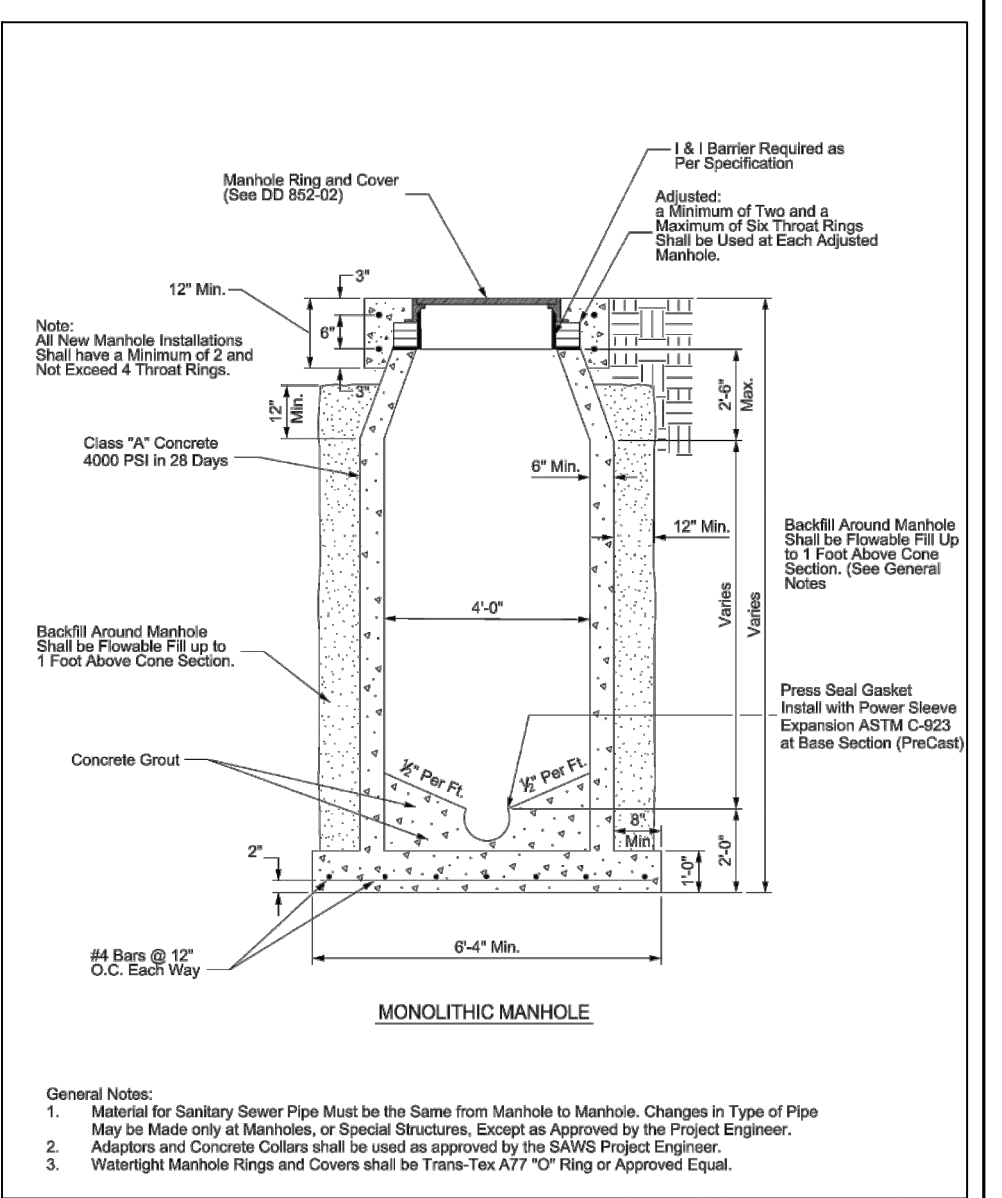
PROPERTY OF	APPROVED	REVISED
SAN ANTONIO WATER SYSTEM	MARCH 2008	AUG 2019
SAN ANTONIO, TEXAS	DD 849-01	1 OF 2

SIZE	MANDREL O.D.		RING O.D.
	PVC (SDR 26)	PVC (SDR 21)	
6"	4.07	4.07	5.50
8"	5.27	5.27	6.66
10"	6.47	6.47	8.00
12"	7.67	7.67	9.33
14"	8.87	8.87	10.66
16"	10.07	10.07	12.00
18"	11.27	11.27	13.33
20"	12.47	12.47	14.66
22"	13.67	13.67	16.00
24"	14.87	14.87	17.33
26"	16.07	16.07	18.66
28"	17.27	17.27	20.00
30"	18.47	18.47	21.33
32"	19.67	19.67	22.66
34"	20.87	20.87	24.00
36"	22.07	22.07	25.33
38"	23.27	23.27	26.66
40"	24.47	24.47	28.00

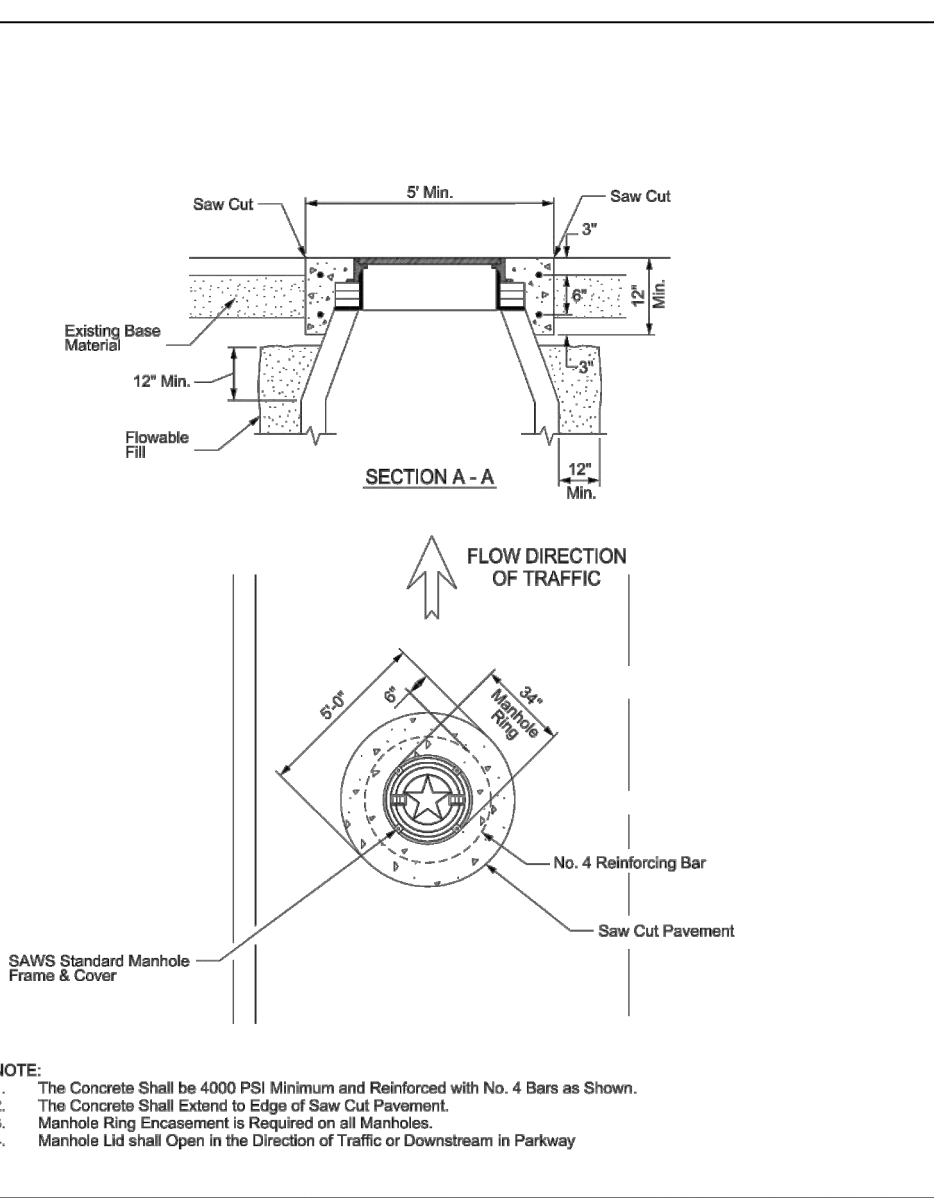
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SAN ANTONIO, TEXAS	DD 849-01	2 OF 2



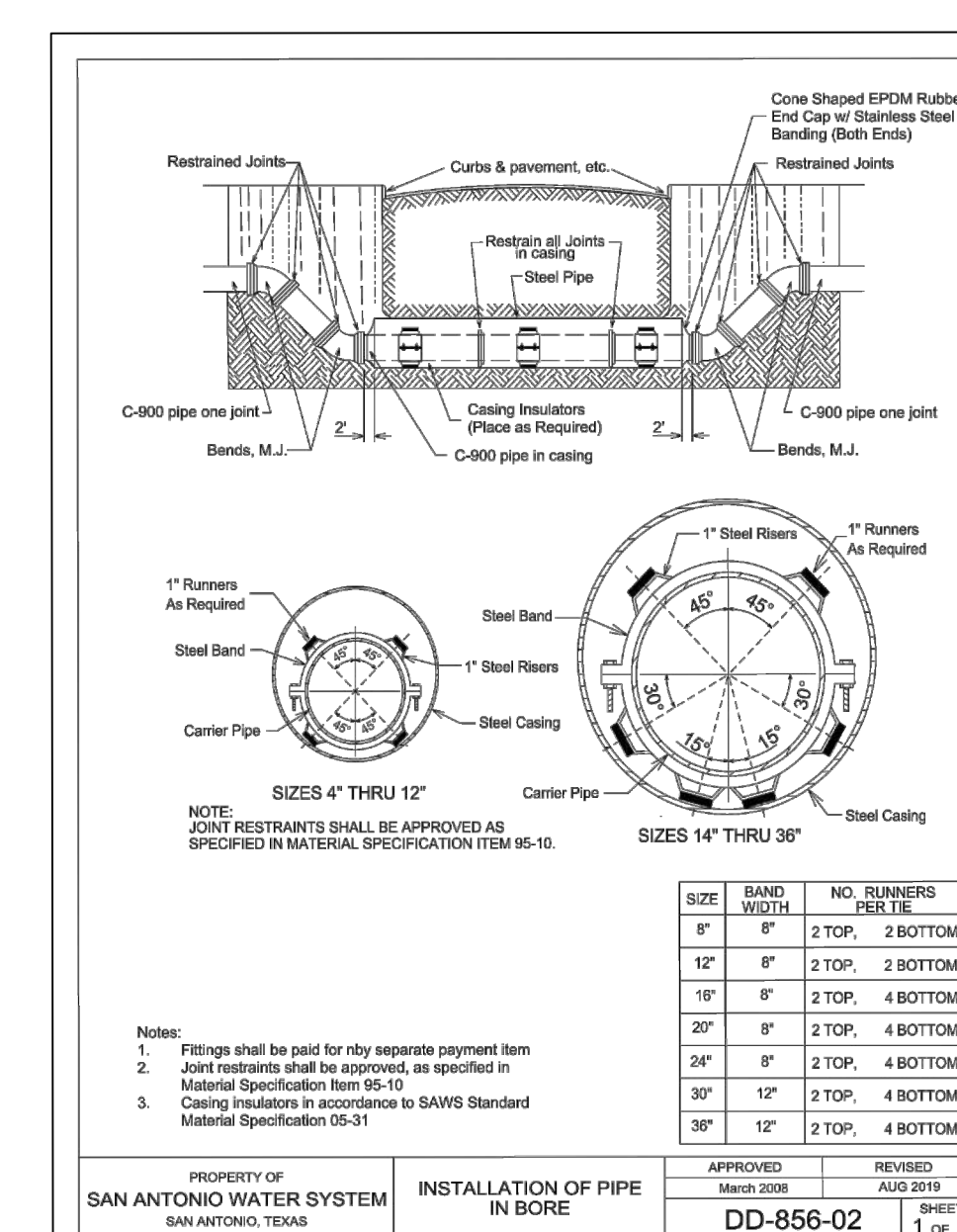
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SAN ANTONIO, TEXAS	DD-852-01	1 OF 2



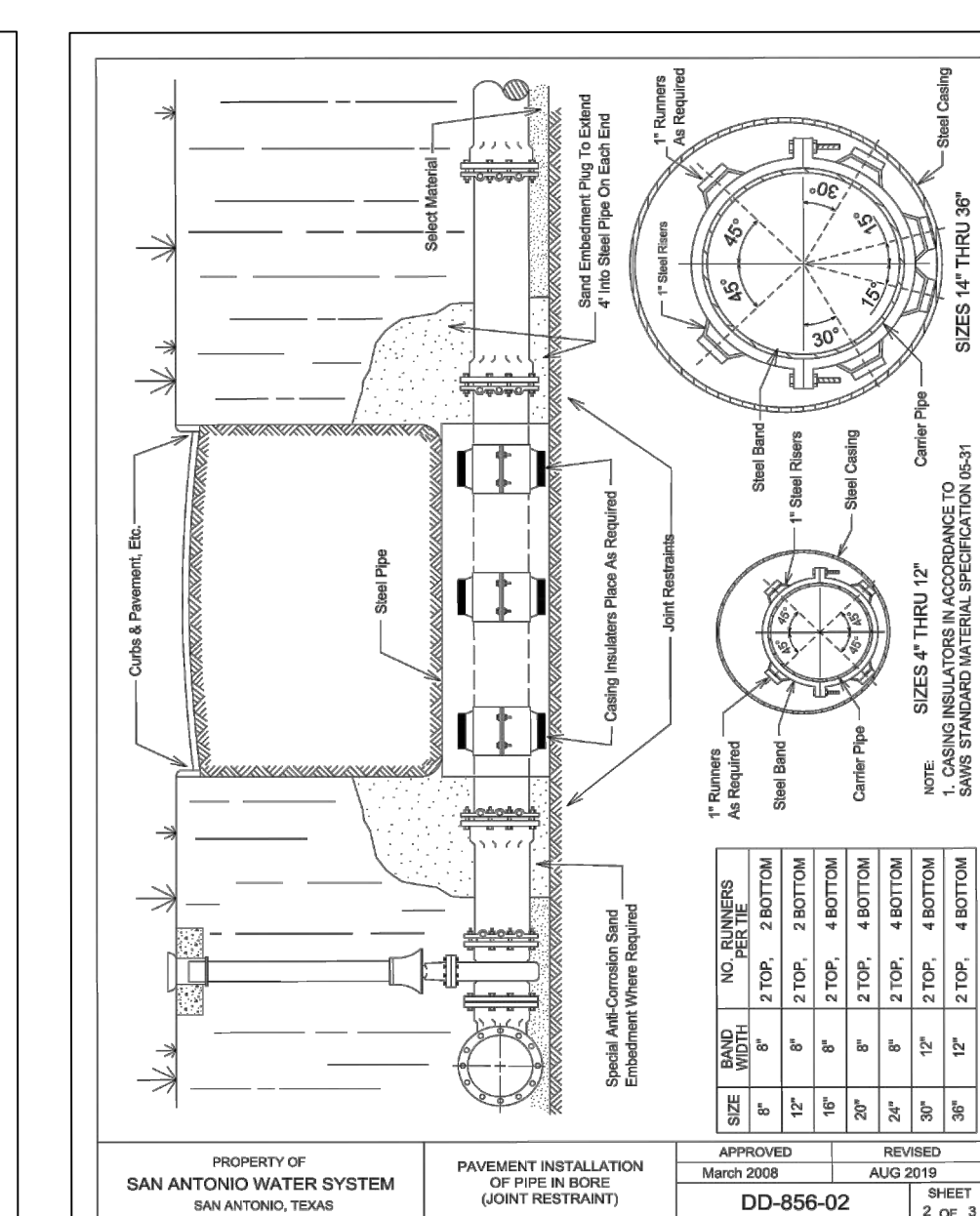
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SAN ANTONIO, TEXAS	DD 852-01	2 OF 2



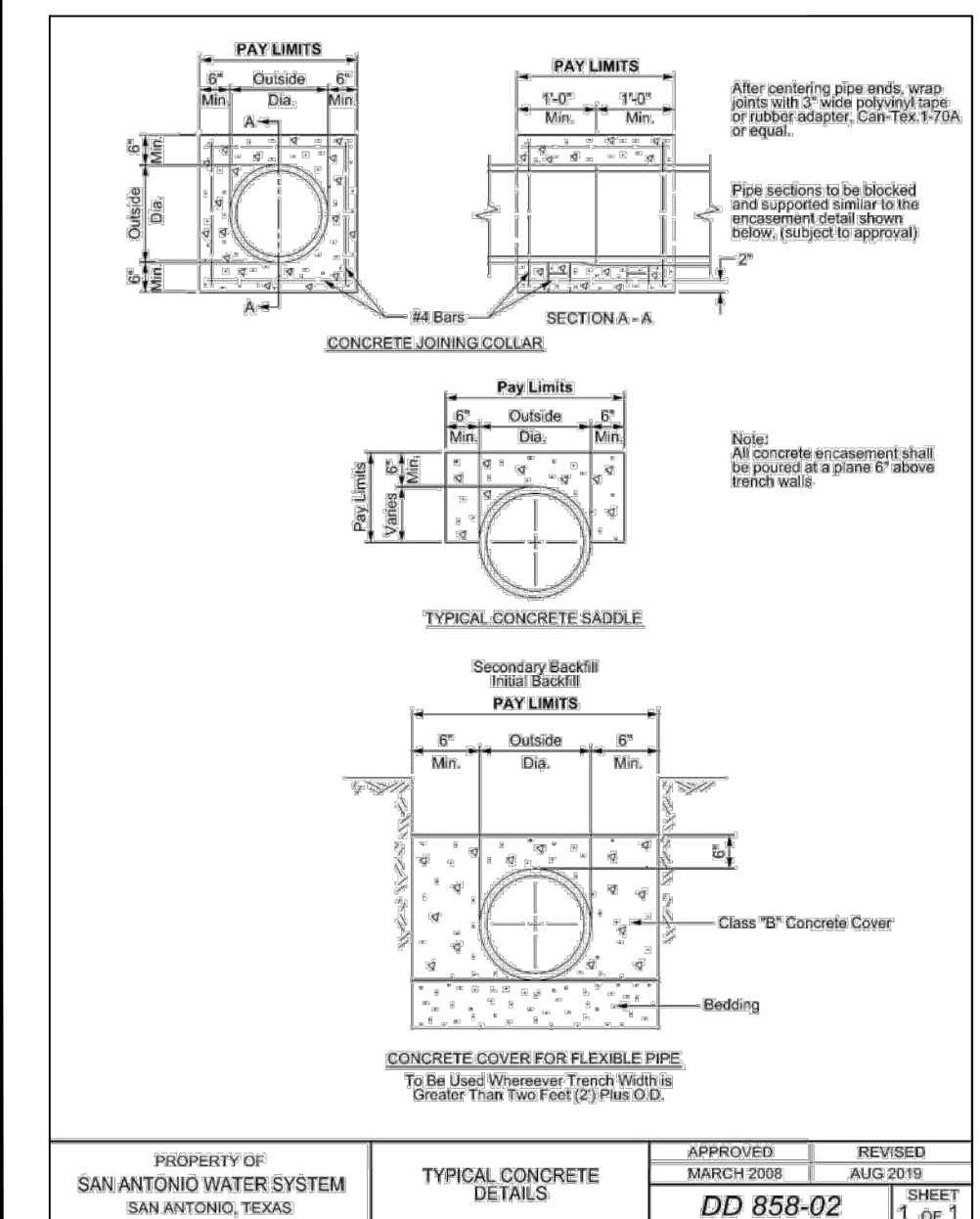
PROPERTY OF	APPROVED	REVISED
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SAN ANTONIO, TEXAS	DD 852-03	1 OF 2



PROPERTY OF	APPROVED	REVISED
SAN ANTONIO WATER SYSTEM	MARCH 2008	AUG 2019
SAN ANTONIO, TEXAS	DD-856-02	1 OF 3



PROPERTY OF	APPROVED	REVISED
SAN ANTONIO WATER SYSTEM	MARCH 2008	AUG 2019
SAN ANTONIO, TEXAS	DD-856-02	2 OF 3



PROPERTY OF	APPROVED	REVISED
SAN ANTONIO WATER SYSTEM	MARCH 2008	AUG 2019
SAN ANTONIO, TEXAS	DD 856-02	3 OF 3

SEWER

DEVELOPER'S NAME: THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
 ADDRESS: 20540 STATE HIGHWAY 46 W. STE 115 C/O 497
 CITY: SPRING BRANCH STATE: TEXAS ZIP: 78070
 PHONE: _____ FAX: _____
 SAWS BLOCK MAP# 164670 TOTAL EDU'S: 0 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8" 5497 LF PLAT NO. _____
 NUMBER OF LOTS: 0 SAWS JOB NO. 24-1631

DATE _____

NO. REVISION _____

STATE OF TEXAS
 BROOKE LINDHOLM
 LICENSED PROFESSIONAL ENGINEER
 117104
 Date: 10/17/14

PAPE-DAWSON ENGINEERS
 2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #479 | TEXAS SURVEYING FIRM #100890

THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS

PLAT NO. _____
 JOB NO. 13370-00
 DATE MAY 2025
 DESIGNER RA
 CHECKED BL DRAWN RA
 SHEET C5.10

SAWS CONSTRUCTION NOTES

(LAST REVISED JANUARY 2022)

SAWS GENERAL SECTION

- ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:
 - CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEMS" TEXAS ADMINISTRATIVE CODE (TAC) TITLE 30 PART 1 CHAPTER 217 AND "PUBLIC DRINKING WATER", TAC TITLE 30 PART 1 CHAPTER 290.
 - CURRENT TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE.
 - CURRENT "SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION".
 - CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".
 - CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL" (UECM).
- THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL THEY OBTAIN A COPY OF THE APPROVED COUNTER PERMIT OR GENERAL CONSTRUCTION PERMIT (GCP) FROM THE CONSULTANT AND HAS BEEN NOTIFIED BY SAWS CONSTRUCTION INSPECTION DIVISION TO PROCEED WITH THE WORK AND HAS ARRANGED A MEETING WITH THE INSPECTOR AND CONSULTANT FOR THE WORK REQUIREMENTS. WORK COMPLETED BY THE CONTRACTOR WITHOUT AN APPROVED COUNTER PERMIT AND/OR A GCP WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE EXPENSE OF THE CONTRACTORS AND/OR THE DEVELOPER.
- THE CONTRACTOR SHALL OBTAIN THE SAWS STANDARD DETAILS FROM THE SAWS WEBSITE, [HTTP://WWW.SAWS.ORG/BUSINESS_CENTER/SPECS](http://www.saws.org/business_center/specs). UNLESS OTHERWISE NOTED WITHIN THE DESIGN PLANS.
- THE CONTRACTOR IS TO MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-2973, ON NOTIFICATION PROCEDURES THAT WILL BE USED TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 48 HOURS PRIOR TO BEGINNING ANY WORK.
- LOCATION AND DEPTH OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.
 - THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT. PLEASE ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:
 - SAWS UTILITY LOCATES: [HTTP://WWW.SAWS.ORG/SERVICE/LOCATES](http://www.saws.org/service/locates)
 - COSA DRAINAGE (210) 207-0724 OR (210) 207-8026
 - COSA TRAFFIC SIGNAL OPERATIONS (210) 206-8480
 - COSA TRAFFIC SIGNAL DAMAGES (210) 207-3951
 - TEXAS STATE WIDE ONE CALL LOCATOR 1-800-545-6005 OR 811
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ITS ORIGINAL OR BETTER CONDITION IF DAMAGES ARE MADE AS A RESULT OF THE PROJECT'S CONSTRUCTION.
- ALL WORK IN TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) AND/OR BEXAR COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT REQUIREMENTS.
- THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES.
- THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN PERMIT.
- HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSTWORKREQ@SAWS.ORG.
 WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSTWORKREQ@SAWS.ORG.
 ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION.
- COMPACTION NOTE (ITEM 804): THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE COMPACTION REQUIREMENTS ON ALL TRENCH BACKFILL AND FOR PAYING FOR THE TESTS PERFORMED BY A THIRD PARTY. COMPACTION TESTS WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED, OR AS INDICATED BY THE SAWS INSPECTOR AND/OR THE TEST ADMINISTRATOR. PER EACH 12-INCH LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.
- A COPY OF ALL TESTING REPORTS SHALL BE FORWARDED TO SAWS CONSTRUCTION INSPECTION DIVISION.

SAWS SEWER NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SANITARY SEWER OVERFLOW (SSO) OCCURS AS A RESULT OF THEIR WORK. ALL CONTRACTOR PERSONNEL RESPONSIBLE FOR SSO PREVENTION AND CONTROL SHALL BE TRAINED ON PROPER RESPONSE. SHOULD AN SSO OCCUR, THE CONTRACTOR SHALL:
 - IDENTIFY THE SOURCE OF THE SSO AND NOTIFY SAWS EMERGENCY OPERATIONS CENTER (EOC) IMMEDIATELY AT (210) 233-2014. PROVIDE THE ADDRESS OF THE SPILL AND AN ESTIMATED VOLUME OR FLOW.
 - ATTEMPT TO ELIMINATE THE SOURCE OF THE SSO.
 - CONTAIN SEWAGE FROM THE SSO TO THE EXTENT OF PREVENTING A POSSIBLE CONTAMINATION OF WATERWAYS.
 - CLEAN UP SPILL SITE (RETURN CONTAINED SEWAGE TO THE COLLECTION SYSTEM IF POSSIBLE) AND PROPERLY DISPOSE OF CONTAMINATED SOIL/MATERIALS.
 - CLEAN THE AFFECTED SEWER MAINS AND REMOVE ANY DEBRIS.
 - MEET ALL POST-SSO REQUIREMENTS AS PER THE EPA CONSENT DECREE, INCLUDING LINE CLEANING AND TELEVISIONING THE AFFECTED SEWER MAINS (AT SAWS DIRECTION) WITHIN 24 HOURS.

SHOULD THE CONTRACTOR FAIL TO ADDRESS AN SSO IMMEDIATELY AND TO SAWS SATISFACTION, THEY WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY SAWS, INCLUDING ANY FINES FROM EPA, TCEQ AND/OR ANY OTHER FEDERAL, STATE OR LOCAL AGENCIES.

NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK. ALL WORK SHALL BE DONE ACCORDING TO GUIDELINES SET BY THE TCEQ AND SAWS.
- IF BYPASS PUMPING IS REQUIRED, THE CONTRACTOR SHALL PERFORM SUCH WORK IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION FOR WATER AND SANITARY SEWER CONSTRUCTION, ITEM NO. 864, "BYPASS PUMPING".
- PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING FORCE MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-2973 AT LEAST ONE WEEK IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS; THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.
- SEWER PIPE WHERE WATER LINE CROSSES SHALL BE 160 PSI AND MEET THE REQUIREMENTS OF ASTM D2241, TAC 217.53 AND TCEQ 230.14C(1)(E). CONTRACTOR SHALL CENTER A 20' JOINT OF 160 PSI PRESSURE RATED PVC AT THE PROPOSED WATER CROSSING.
- ELEVATIONS POSTED FOR TOP OF MANHOLES ARE FOR REFERENCE ONLY: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALLOWANCES AND ADJUSTMENTS FOR TOP OF MANHOLES TO MATCH THE FINISHED GRADE OF THE PROJECT'S IMPROVEMENTS. (NSPI)
- SPILLS, OVERFLOWS, OR DISCHARGES OF WASTEWATER: ALL SPILLS, OVERFLOWS, OR DISCHARGES OF WASTEWATER, RECYCLED WATER, PETROLEUM PRODUCTS, OR CHEMICALS MUST BE REPORTED IMMEDIATELY TO THE SAWS INSPECTOR ASSIGNED TO THE COUNTER PERMIT OR GENERAL CONSTRUCTION PERMIT (GCP). THIS REQUIREMENT APPLIES TO EVERY SPILL, OVERFLOW, OR DISCHARGE REGARDLESS OF SIZE.
- MANHOLE AND ALL PIPE TESTING (INCLUDING THE TV INSPECTION) MUST BE PERFORMED AND PASSED PRIOR TO FINAL FIELD ACCEPTANCE BY SAWS CONSTRUCTION INSPECTION DIVISION, AS PER THE SAWS SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION.
- ALL PVC PIPE OVER 14 FEET OF COVER SHALL BE EXTRA STRENGTH WITH MINIMUM PIPE STIFFNESS OF 115 PSI.

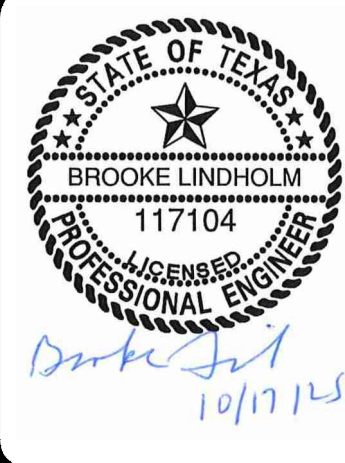
PROJECT SEWER NOTES

- ALL RESIDENTIAL SEWER SERVICE LATERALS ARE 6" DIA. AND SHALL BE EXTENDED TO 10' PAST THE PROPERTY LINE AND GAPPED AND SEALED. CONTRACTOR SHALL INSTALL A 2" X 4" STAKE, FOUR (4) FEET LONG, TWO (2) FEET DEEP INTO THE GROUND AT THE END OF EACH SERVICE. NO SEPARATE PAY ITEM.
- CONTRACTOR TO INSTALL CLEANOUTS AT THE END OF ALL SEWER LATERALS, PER LATERAL DETAIL SHEET **CX.XX**.
- NO VERTICAL STACKS ALLOWED FOR ANY LOTS UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
- ALL 6" SEWER LATERALS WILL BE SET AT 2% GRADE FROM THE MAIN TO THE PROPERTY LINE.
- WHEN HORIZONTAL DISTANCE BETWEEN SEWER PIPES AND WATER MAIN IS LESS THAN 9 FOOT OF SEPARATION, SEWER MAIN SHALL BE INSTALLED WITH 150 PSI (MIN) PRESSURE PIPE AND FITTINGS IN ACCORDANCE WITH SAWS CONSTRUCTION CRITERIA FOR CONSTRUCTION OF SEWER MAINS IN THE VICINITY OF WATER MAINS.
- CONTRACTOR SHALL ENSURE THAT MANHOLES OUTSIDE OF PAVED AREAS ARE SET WITH TOP ELEVATIONS 6" ABOVE FINISHED GRADE WITH CONCRETE RING ENCASEMENT.
- ALL SEWER PIPES SHALL BE 8" PVC (SDR 26), UNLESS OTHERWISE NOTED.
- CONTRACTOR IS TO VERIFY EXISTING INVERT OF EXISTING SANITARY SEWER MAINS AND ALERT ENGINEER IMMEDIATELY OF ANY DIFFERENCE FROM INVERT SHOWN ON PLANS.
- CONTRACTOR SHALL PROTECT ALL EXISTING FENCES. ANY FENCE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, GRADE, AND LOCATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS FROM PLANS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR, AT HIS EXPENSE.
- CONCRETE RING ENCASEMENT TO BE INSTALLED ON ALL MANHOLES AND, WITHIN LIMITS OF PAVEMENT, BE INSTALLED TO THE TOP OF THE BASE LAYER WITH A MINIMUM OF 2" OF ASPHALT ON TOP OF THE RING ENCASEMENT.
- MANHOLE OPENING INCREASED TO 30" AS PER TAC CHAPTER 217.55.
- ALL SEWER PIPE LATERALS SHALL BE SDR 26 (CLASS 160) PVC PIPE.
- IF THE GIVEN TOP OF MANHOLE ELEVATION DOES NOT AGREE ON ACTUAL GROUND SURFACE OR FINISH PAVEMENT, THE CONTRACTOR SHALL ADJUST ELEVATIONS SUCH THAT THE TOP OF MANHOLE SHALL BE 0.5' ABOVE EXISTING GROUND, OR FLUSH TO FINISH ASPHALT PAVEMENT.
- ALL MANHOLES CONSTRUCTED OVER THE EDWARDS AQUIFER RECHARGE ZONE SHOULD BE WATERTIGHT.

SEWER

DEVELOPER'S NAME: THE VILLAS AT TIMBERWOOD HOMEOWNERS ASSOCIATION, INC.
 ADDRESS: 20540 STATE HIGHWAY 46 W. STE 115 C/O 497
 CITY: SPRING BRANCH STATE: TEXAS ZIP: 78070
 PHONE# - FAX# -
 SAWS BLOCK MAP# 164670 TOTAL EDU'S 0 TOTAL ACREAGE 3.05
 TOTAL LINEAR FOOTAGE OF PIPE: 8" 5497 LF PLAT NO. -
 NUMBER OF LOTS 0 SAWS JOB NO. 24-1631

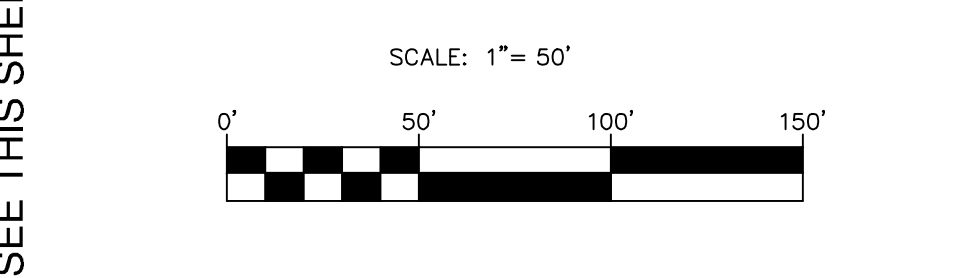
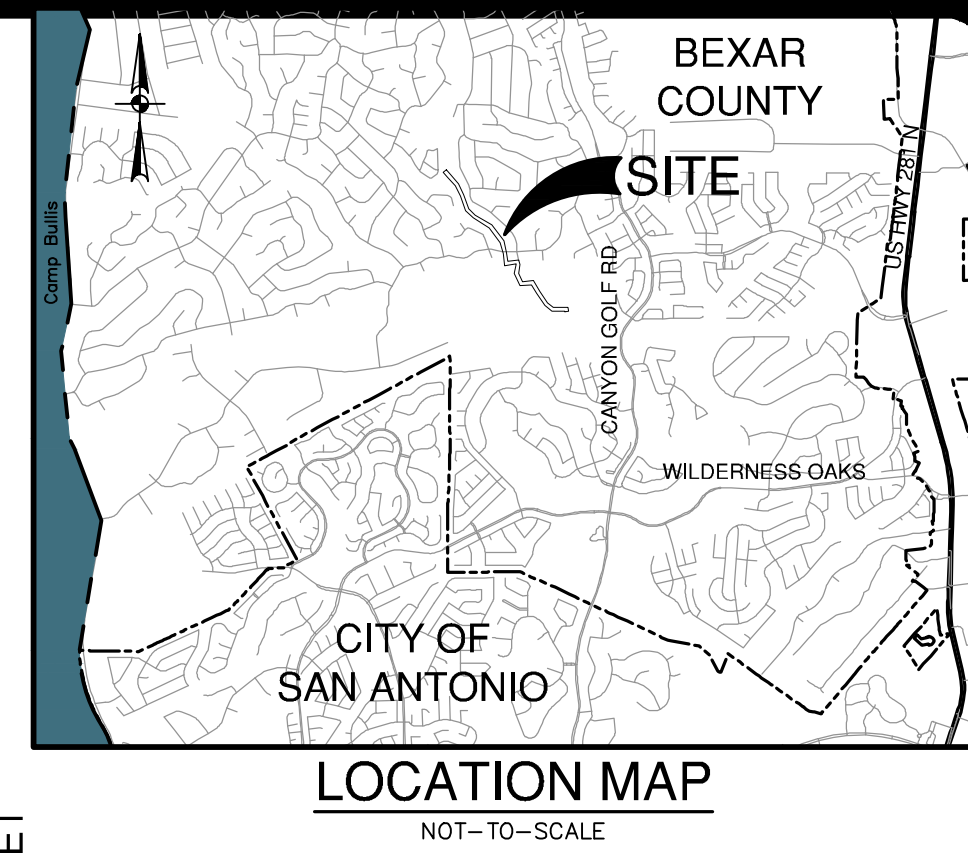
NO.	REVISION	DATE



PAPE-DAWSON ENGINEERS
 2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

**THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS
 SANITARY SEWER NOTES**

PLAT NO. -
 JOB NO. 13370-00
 DATE MAY 2025
 DESIGNER RA
 CHECKED BL DRAWN RA
 SHEET C5.11



SWPPP LEGEND

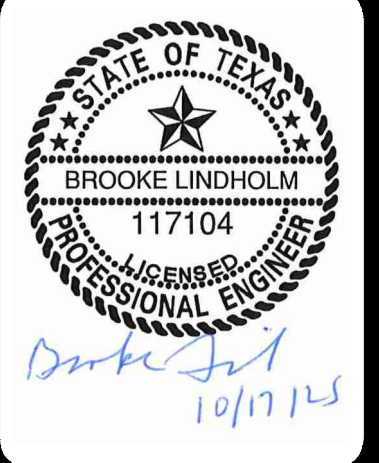
PROJECT LIMITS	---
EXISTING CONTOUR	- - - - -
PROPOSED CONTOUR	- - - - -
FLOW ARROW (EXISTING)	→
FLOW ARROW (PROPOSED)	→
SILT FENCE	- - - - - - - -
ROCK BERM	■ ■ ■ ■ ■
GRAVEL FILTER BAGS	● ● ● ● ●
GRATE INLET PROTECTION	■ ■ ■ ■ ■
SEDIMENT CONTROL ROLLS	■ ■ ■ ■ ■
LIMITS OF DISTURBED AREA (6.18 ACRES)	■ ■ ■ ■ ■
AREA TO BE PERMANENTLY RE-VEGETATED PER TPDES PERMIT REQUIREMENTS (29,920.6 SQUARE YARDS)	■ ■ ■ ■ ■
STABILIZED CONSTRUCTION ENTRANCE/EXIT (FIELD LOCATE)	■ ■ ■ ■ ■
CONSTRUCTION EQUIPMENT, VEHICLE & MATERIALS STORAGE AREA (FIELD LOCATE)	■ ■ ■ ■ ■
CONCRETE TRUCK WASH-OUT PIT (FIELD LOCATE)	■ ■ ■ ■ ■

- ### GENERAL NOTES
- DO NOT DISTURB VEGETATED AREAS (TREES, GRASS, WEEDS, BRUSH, ETC.) ANY MORE THAN NECESSARY FOR CONSTRUCTION.
 - CONSTRUCTION ENTRANCE/EXIT LOCATION, CONCRETE WASH-OUT PIT, AND CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE YARD TO BE DETERMINED IN THE FIELD.
 - STORM WATER POLLUTION PREVENTION CONTROLS MAY NEED TO BE MODIFIED IN THE FIELD TO ACCOMPLISH THE DESIRED EFFECT. ALL MODIFICATIONS ARE TO BE NOTED ON THIS EXHIBIT AND SIGNED AND DATED BY THE RESPONSIBLE PARTY.
 - RESTRICT ENTRY/EXIT TO THE PROJECT SITE TO DESIGNATED LOCATIONS BY USE OF ADEQUATE FENCING, IF NECESSARY.
 - ALL STORM WATER POLLUTION PREVENTION CONTROLS ARE TO BE MAINTAINED AND IN WORKING CONDITIONS AT ALL TIMES.
 - FOR A COMPLETE LISTING OF TEMPORARY STORM WATER POLLUTION PREVENTION CONTROLS REFER TO THE TPDES STORM WATER POLLUTION PREVENTION PLAN.
 - STORM WATER POLLUTION PREVENTION STRUCTURES SHOULD BE CONSTRUCTED WITHIN THE SITE BOUNDARIES. SOME OF THESE FEATURES MAY BE SHOWN OUTSIDE THE SITE BOUNDARIES ON THIS PLAN FOR VISUAL CLARITY.
 - AS SOON AS PRACTICAL, ALL DISTURBED SOIL THAT WILL NOT BE COVERED BY IMPERVIOUS COVER SUCH AS PARKWAY AREAS, EASEMENT AREAS, EMBANKMENT SLOPES, ETC. WILL BE STABILIZED PER APPLICABLE PROJECT SPECIFICATIONS.
 - BEST MANAGEMENT PRACTICES MAY BE INSTALLED IN STAGES TO COINCIDE WITH THE DISTURBANCE OF UPGRADIENT AREAS.
 - BEST MANAGEMENT PRACTICES MAY BE REMOVED IN STAGES ONCE THE WATERSHED FOR THAT PORTION CONTROLLED BY THE BEST MANAGEMENT PRACTICES HAS BEEN STABILIZED IN ACCORDANCE WITH TPDES REQUIREMENTS.
 - UPON COMPLETION OF THE PROJECT, INCLUDING SITE STABILIZATION, AND BEFORE FINAL PAYMENT IS ISSUED, CONTRACTOR SHALL REMOVE ALL SEDIMENT AND EROSION CONTROL MEASURES, PAYING SPECIAL ATTENTION TO ROCK BERMS IN DRAINAGE FEATURES.
 - WHERE VEGETATED FILTER STRIPS ARE INDICATED, CONTRACTOR SHALL VERIFY THAT SUFFICIENT VEGETATION EXISTS, OTHERWISE CONTRACTOR SHALL PLACE SILT FENCING IN LIEU OF VEGETATED FILTER STRIP.
 - SHADED AREA DENOTES LIMITS OF DISTURBED AREAS. OTHER AREAS WITHIN THE PROJECT LIMITS, WITH THE EXCEPTION OF A CONSTRUCTION EQUIPMENT AND MATERIAL STORAGE YARD, ARE NOT A PART OF THIS TPDES STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND WILL NOT BE DISTURBED BY CIVIL CONSTRUCTION ACTIVITIES. HOUSE CONSTRUCTION ACTIVITIES WILL REQUIRE A SEPARATE STORM WATER POLLUTION PREVENTION PLAN.
 - PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL COORDINATE PLACEMENT OF TEMPORARY BEST MANAGEMENT PRACTICES WITH TxDOT RIGHT-OF-WAY WITH TxDOT.
 - GPS ENERGY WILL FUNCTION AS A SECONDARY OPERATOR ON THIS PROJECT AND WILL BE INSTALLING ELECTRIC UTILITIES FOR ON-SITE CONSTRUCTION AND OFF-SITE FEED TO THE PROJECT.

THE ENGINEERING SEAL HAS BEEN AFFIXED TO THIS SHEET ONLY FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE TPDES-STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REGULATIONS.

THIS SHEET HAS BEEN PREPARED FOR PURPOSES OF THE SWP3 ONLY. ALL OTHER CIVIL ENGINEERING RELATED INFORMATION SHOULD BE ACQUIRED FROM THE APPROPRIATE SHEET IN THE CIVIL IMPROVEMENT PLANS.

NO.	REVISION	DATE



PAPE-DAWSON ENGINEERS

2000 HW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000
 TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #1008800

**THE VILLAS AT TIMBERWOOD OFFSITE
 SANITARY SEWER EXTENSION
 SAN ANTONIO, TEXAS**

STORM WATER POLLUTION PREVENTION PLAN

PLAT NO.	-
JOB NO.	13370-00
DATE	MAY 2025
DESIGNER	RA
CHECKED	BL DRAWN RA
SHEET	C8.01

Date: July 26, 2024, 11:14 AM - User ID: rdvovrez
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