

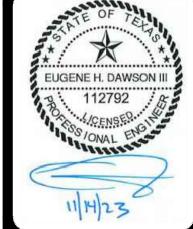
SEWER LEGEND

PROJECT LIMITS EXISTING WATER EXISTING SEWER PROPOSED SEWER

PROPOSED WATER PROPOSED SEWER LATERAL FINISHED FLOOR ELEVATION

FOR SEWER

FIRE HYDRANT FF = XXXX.XX



SO

PAPE-DAWSC ENGINEERS

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PLAT NO. 22-11800734

JOB NO. 12482-04 DATE AUGUST 2023

CHECKED DW DRAWN TO

C5.11

DESIGNER

FINISHED GROUND/PAVEMENT (TOP OF GRADE) WHERE SEWER PIPE CROSSES A WATER LINE, THE SEWER SHALL BE 160 PSI AND MEET THE REQUIREMENTS OF ASTM D2241 WITH ONE 20' JOINT CENTERED AT THE WATER CROSSING

PROPOSED SANITARY SEWER LINE (REFER TO SAWS SPEC. ITEM 812) TYPICAL SANITARY SEWER/WATER CROSSING DETAIL

NOT-TO-SCALE

CAUTION!!

PROPOSED WATER LINE —

SEPARATION DISTANCE AND PROTECTION REQUIREMENTS

TO COMPLY WITH 30 TAC

217.53(d) AND 290.44(e)

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AN 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 THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND THE REPAIR SHALL E AT CONTRACTOR'S SOLE EXPENSE WHETHER THE UTILITY IS SHOWN THESE PLANS OR NOT.

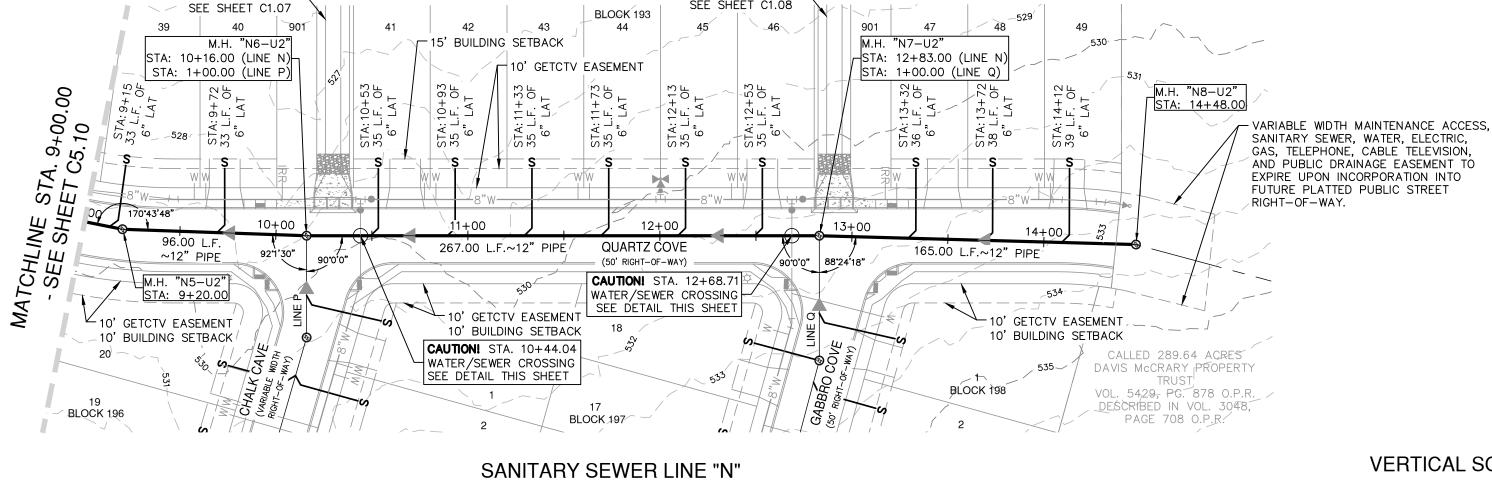
TRENCH EXCAVATION SAFETY PROTECTION:

CONTRACTOR AND/ OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN T PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENC EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND / PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAM AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFÉTY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFET CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AN ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

SEWER (LOWER-EAST SEWERSHED-DOS BIOS/LEON CREEK)

ı	DEVELOPER'S NAME: LENNAR HOMES OF TEXAS
l	ADDRESS: 100 NE LOOP 410, STE 1155
l	CITY: SAN ANTONIO STATE: TEXAS ZIP: 78216
l	PHONE# <u>(210) 403-6200</u> FAX# <u>N/A</u>
l	SAWS BLOCK MAP# 204524 TOTAL EDU'S 291 TOTAL ACREAGE 45.15 4,467.00 LF.~8*PVC TOTAL LINEAR FOOTAGE OF PIPE 1467.01 LF.~8*PVC
l	TOTAL LINEAR FOOTAGE OF PIPE: 1,643 L.F.~12"PVC PLAT NO.22-11800734
I	NUMBER OF LOTS 291 SAWS JOB NO. 23-1574
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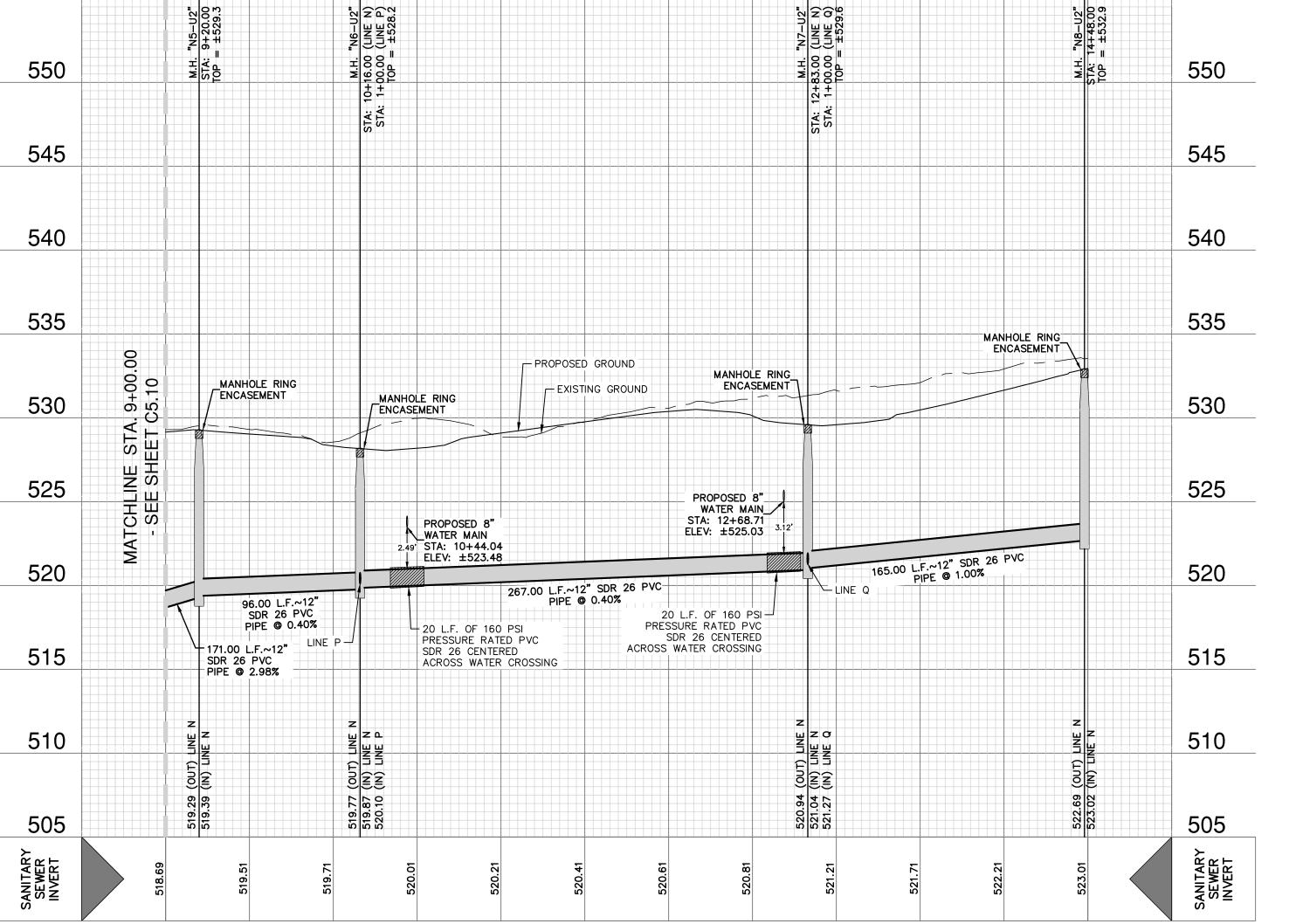
_	DEWEN (LOWEN-EAST SEWENSHED-BOST 1100/LEGN ONLE				
ĺ					
I	DEVELOPER'S NAME: LENNAR HOMES OF TEXAS				
•	ADDRESS: 100 NE LOOP 410, STE 1155				
ı					



DRAIN "T" -

SANITARY SEWER LINE "N" STA. 9+00.00 TO END

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



9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50

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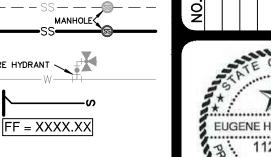
SEWER LEGEND

FINISHED FLOOR ELEVATION

PROJECT LIMITS EXISTING WATER EXISTING SEWER

FOR SEWER

PROPOSED SEWER FIRE HYDRANT -PROPOSED WATER PROPOSED SEWER LATERAL



EUGENE H. DAWSON III

PAPE-DAWSON ENGINEERS

END)

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FINISHED GROUND/PAVEMENT WHERE SEWER PIPE CROSSES A WATER LINE, THE SEWER SHALL BE 160 PSI AND MEET THE REQUIREMENTS OF ASTM D2241 WITH ONE 20' JOINT CENTERED AT THE WATER

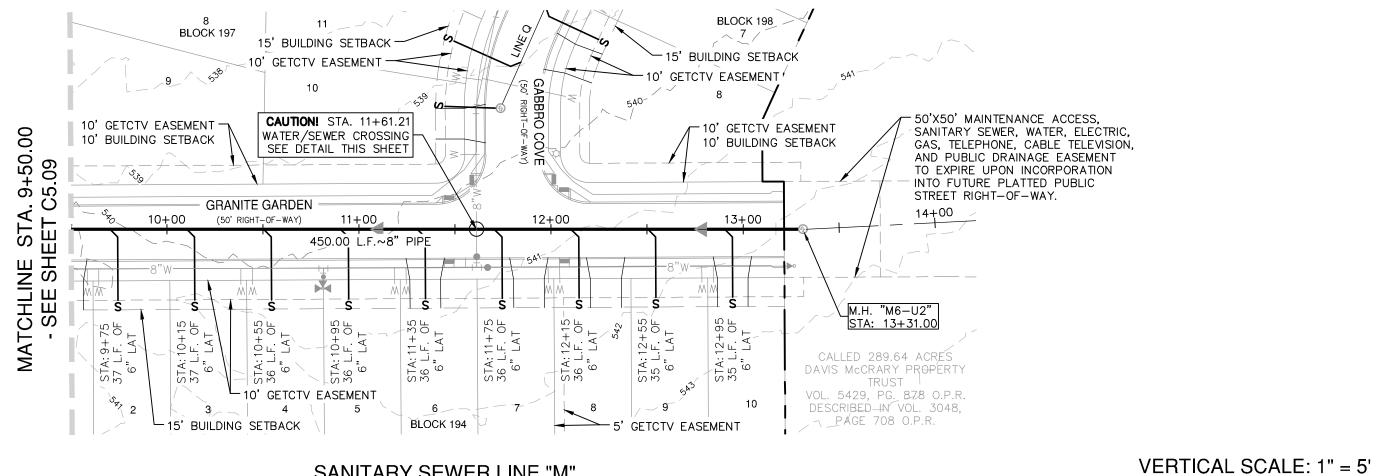
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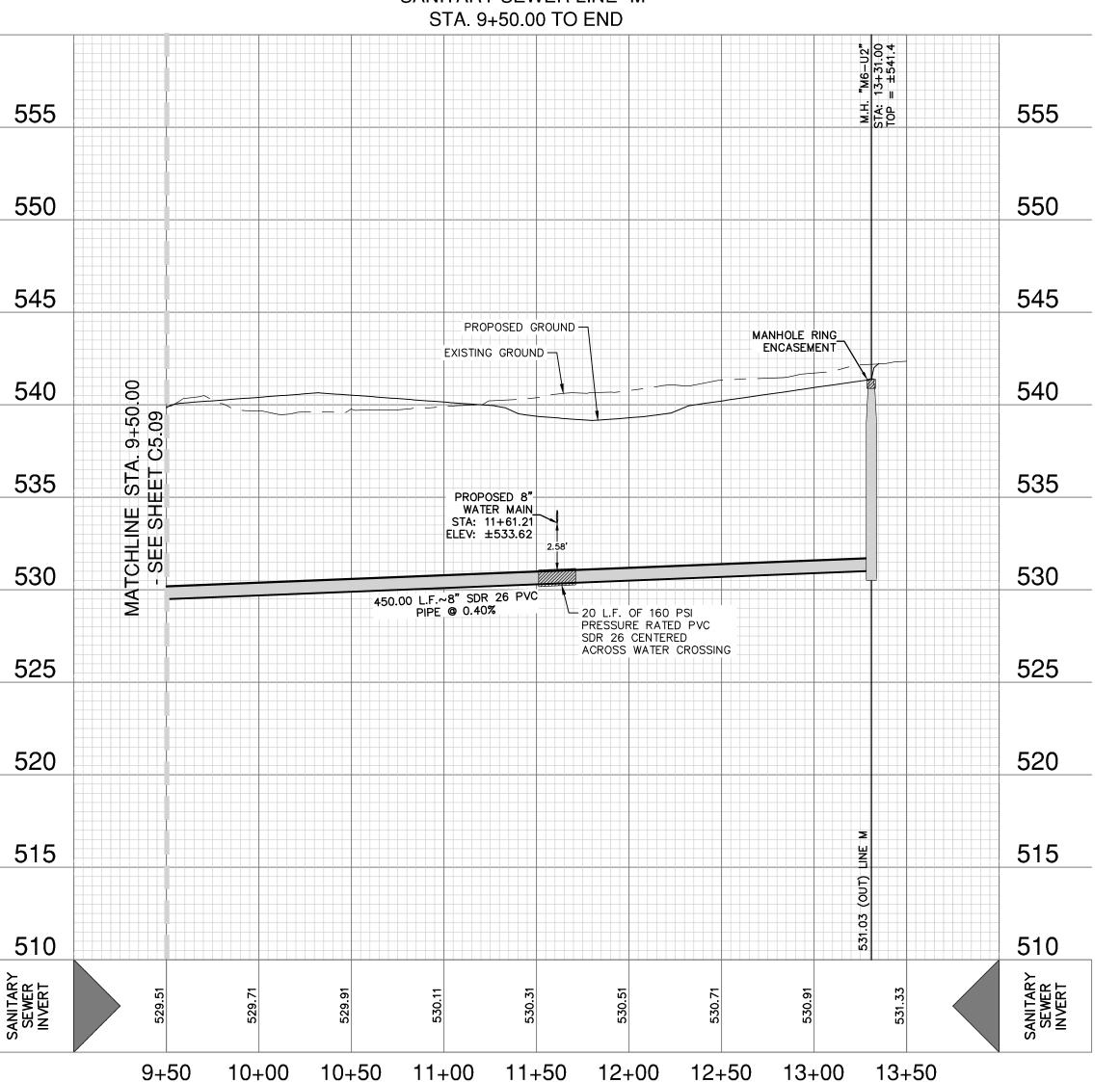
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SEWER (LOWER-EAST SEWERSHED-DOS RIOS/LEON CREEK

١	DEVELOPER'S NAME: LENNAR HOMES OF TEXAS	PLAT NO.	22-11800734
١	ADDRESS: 100 NE LOOP 410, STE 1155	JOB NO.	12482-04
١	CITY: SAN ANTONIO STATE: TEXAS ZIP: 78216 PHONE# (210) 403-6200 FAX# N/A	DATE	AUGUST 2023
١	SAWS BLOCK MAP# 204524 TOTAL EDU'S 291 TOTAL ACREAGE 45.15	DESIGNER	JG
l	4,467.00 L.F.~8*PVC TOTAL LINEAR FOOTAGE OF PIPE: 1,643 L.F.~12*PVC PLAT NO.22-11800734	CHECKED_	DW DRAWN TC
	NUMBER OF LOTS 291 SAWS JOB NO. 23-1574	0.1557	C5.09
-		SHEET	U3.U3



SANITARY SEWER LINE "M"



HORIZONTAL SCALE: 1" = 50'

PROPOSED WATER LINE -SEPARATION DISTANCE AND PROTECTION REQUIREMENTS TO COMPLY WITH 30 TAC -217.53(d) AND 290.44(e) PROPOSED SANITARY SEWER LINE

(REFER TO SAWS SPEC. ITEM 812) TYPICAL SANITARY SEWER/WATER CROSSING DETAIL NOT-TO-SCALE

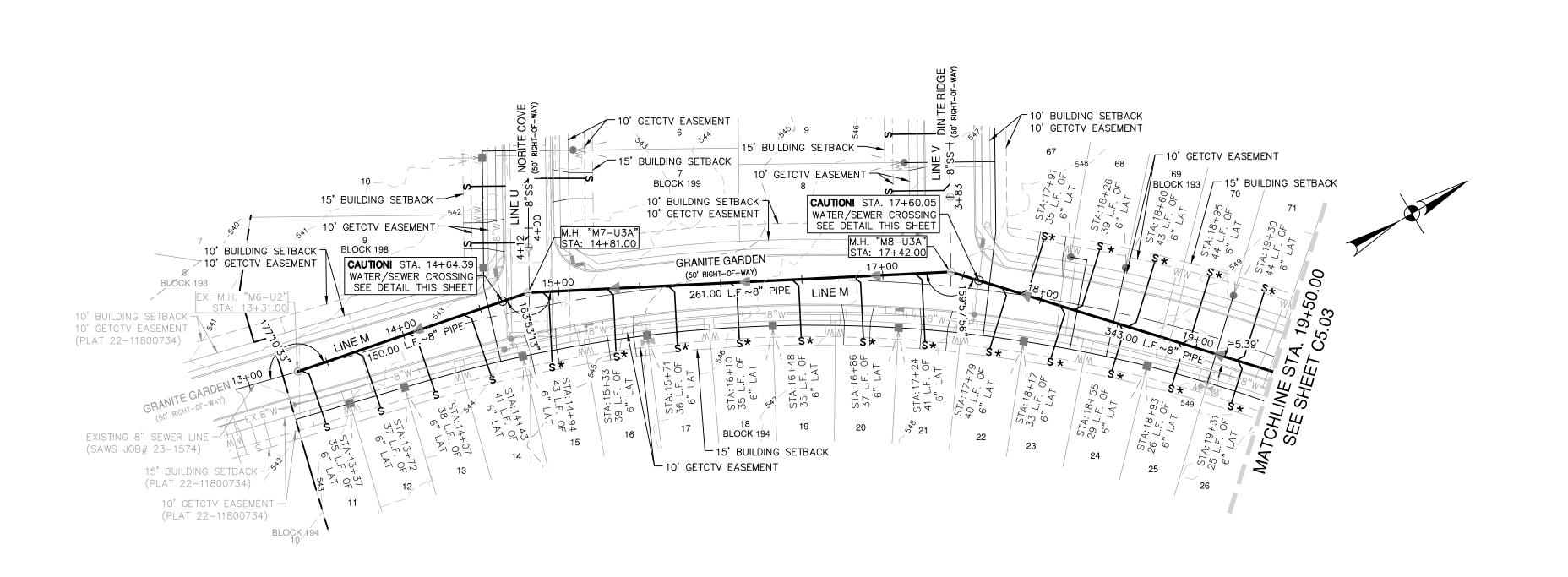
(TOP OF GRADE)

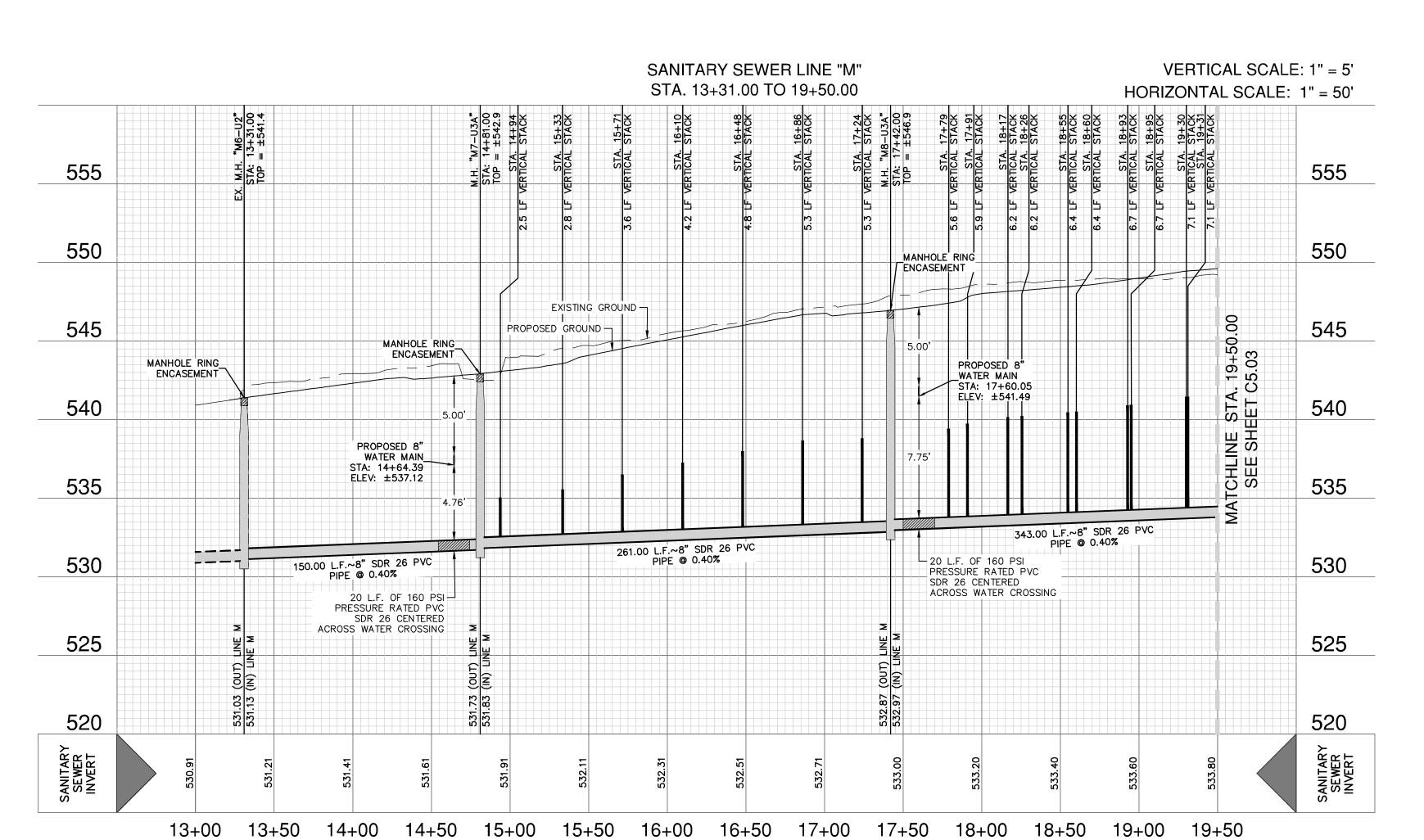
CROSSING

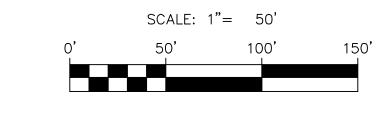
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TOTAL LINEAR FOOTAGE OF PIPE: 1,643 L.F.~12*PVC PLAT NO.22-11800734					
NUMBER OF LOTS 291 SAWS JOB NO. 23-1574					

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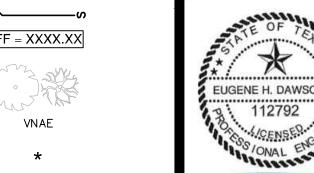
SEWER LEGEND

PROJECT LIMITS EXISTING WATER EXISTING SEWER PROPOSED SEWER

PROPOSED WATER PROPOSED SEWER LATERAL FINISHED FLOOR ELEVATION FOR SEWER

EXISTING TREES TO REMAIN UNDISTURBED

VEHICULAR NON ACCESS EASEMENT VNAE LATERAL WITH VERTICAL STACK SEE PROFILE VIEW FOR LENGTH



EUGENE H. DAWSON III

3

ER LINE M -31.00 TO

FINISHED GROUND/PAVEMENT (TOP OF GRADE) PROPOSED WATER LINE -WHERE SEWER PIPE CROSSES A WATER LINE, THE SEWER SHALL BE 160 PSI AND MEET SEPARATION DISTANCE AND PROTECTION REQUIREMENTS THE REQUIREMENTS OF ASTM TO COMPLY WITH 30 TAC -D2241 WITH ONE 20' JOINT CENTERED AT THE WATER 217.53(d) AND 290.44(e) CROSSING PROPOSED SANITARY SEWER LINE TYPICAL SANITARY SEWER/WATER CROSSING DETAIL

NOT-TO-SCALE

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SEWER (LOWER EAST SEWERSHED-DOS RIOS/ LEON CREEK)

____ SAWS JOB NO. 23-1596

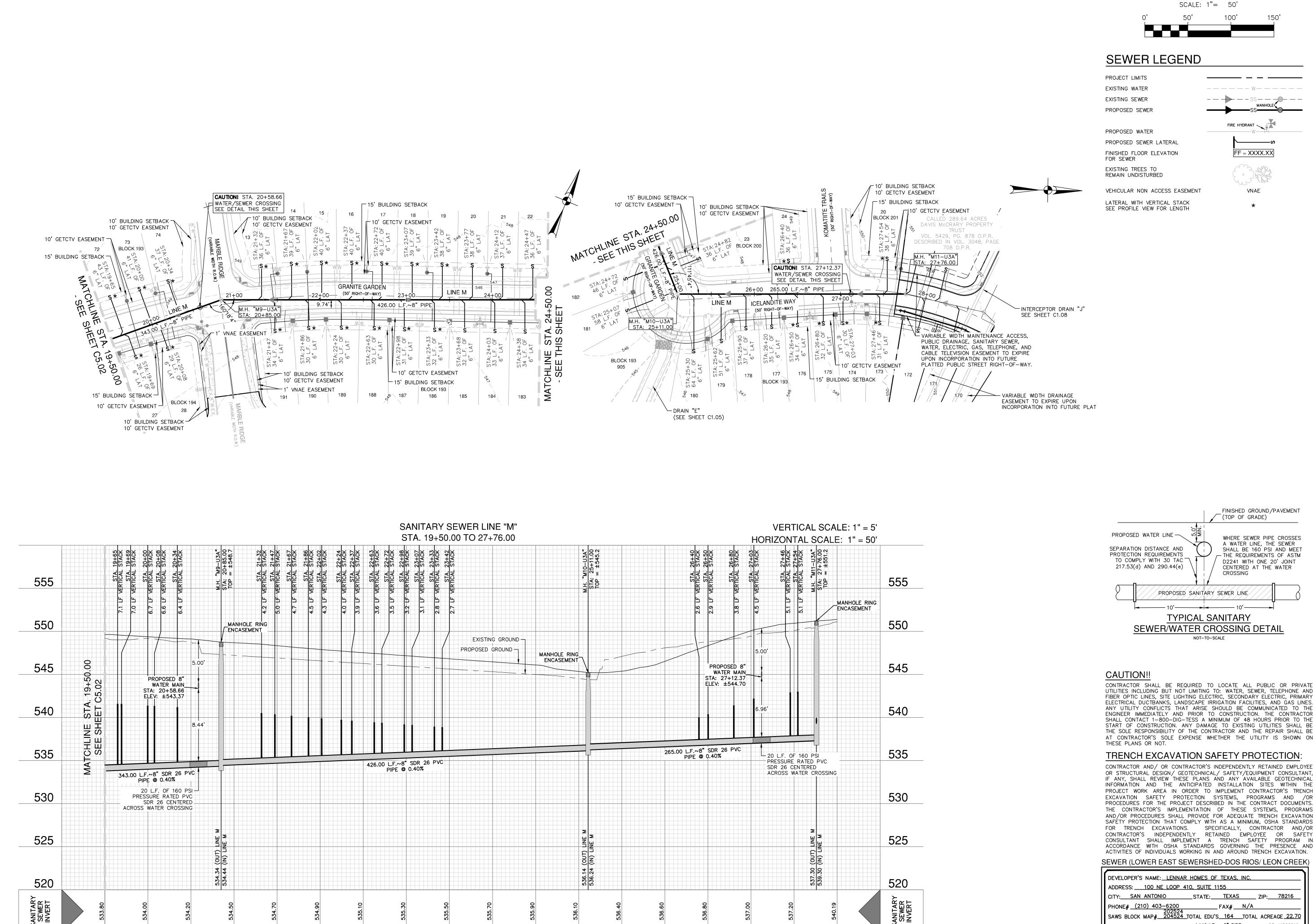
DEVELOPER'S NAME: LENNAR HOMES OF TEXAS, INC.
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CITY: SAN ANTONIO STATE: TEXAS ZIP: 78216
PHONE# (210) 403-6200 FAX# N/A SAWS BLOCK MAP# 204524 TOTAL EDU'S 164 TOTAL ACREAGE 22.70 TOTAL LINEAR FOOTAGE OF PIPE: 4,140 LF ~ 8" PIPE PLAT NO. 23-11800210
SAWS BLOCK MAP# 204524 TOTAL EDU'S 164 TOTAL ACREAGE 22.70
TOTAL LINEAR FOOTAGE OF PIPE: 4,140 LF ~ 8" PIPE PLAT NO. 23-11800210

NUMBER OF LOTS 164

PLAT NO. 23-1180021 12482-09 MAY 2024 DESIGNER

CHECKED DW DRAWN JR

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19+50 20+00 20+50 21+00 21+50 22+00 22+50 23+00 23+50 24+00 24+50 25+00 25+50 26+00 26+50 27+00 27+50 28+00

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 \mathcal{C} ER LINE M -50.00 TO 2

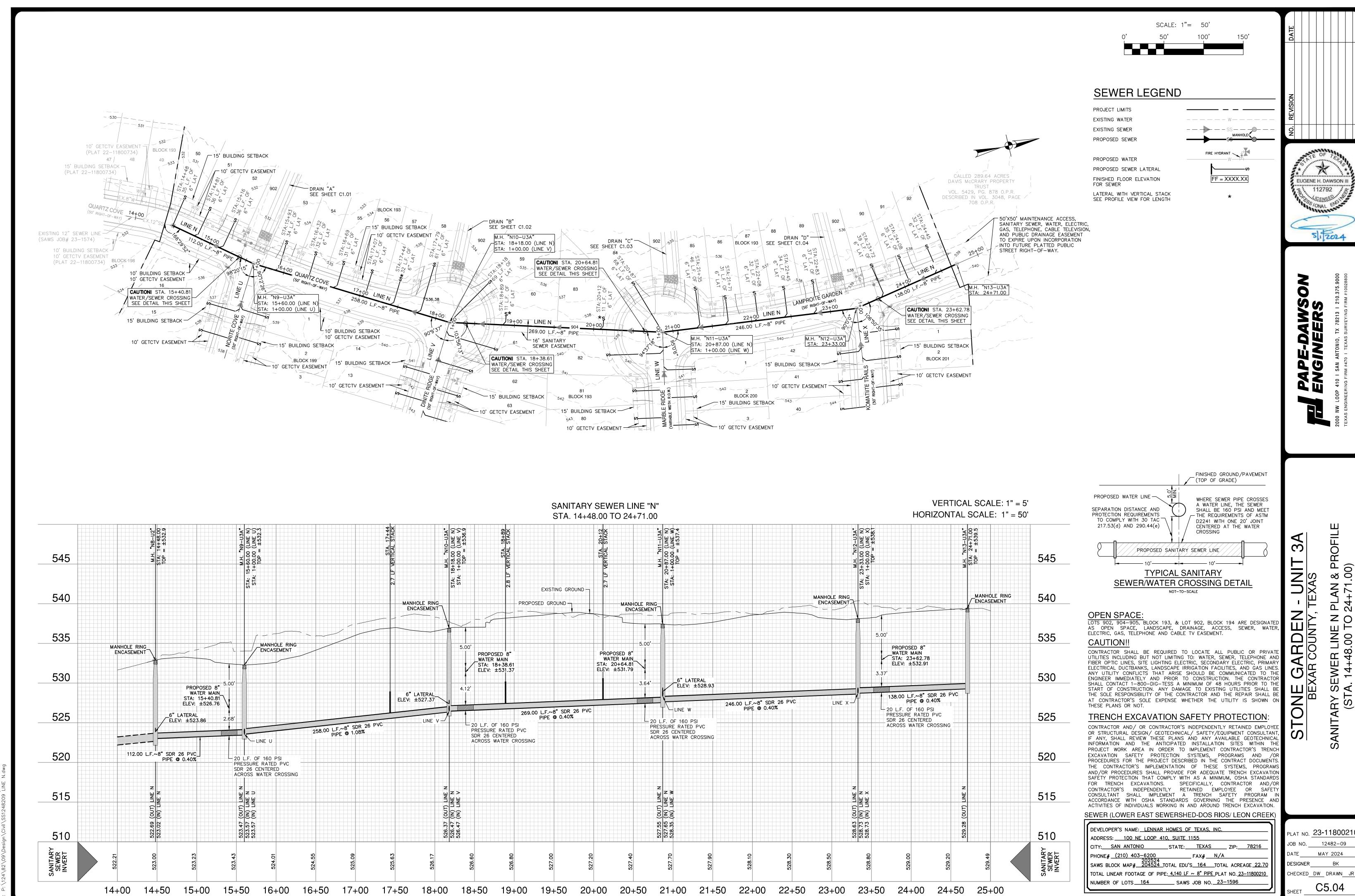
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____ SAWS JOB NO. <u>23-1596</u>

PLAT NO. 23-1180021 JOB NO. 12482-09 MAY 2024 DESIGNER CHECKED DW DRAWN JF



MAY 2024

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