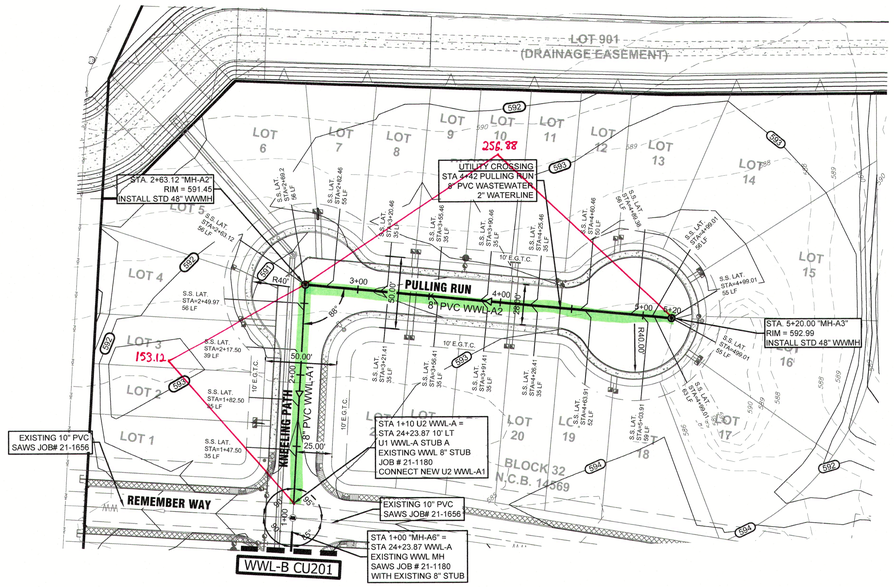

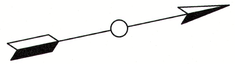

0 25' 50' 100'
SCALE 1" = 50'

LEGEND

- BOUNDARY / RIGHT OF WAY
- EASEMENT / SETBACK
- CURB / EDGE OF PAVEMENT
- SIDEWALK (HOME BUILDER'S RESPONSIBILITY)
- SIDEWALK (DEVELOPER'S RESPONSIBILITY)
- 102 EXIST. GRADE ELEVATIONS
- 102 PROP. GRADE ELEVATIONS
- W EXISTING WATER LINE
- PROPOSED WATER LINE
- OE EXISTING OVERHEAD UTILITIES
- UE EXISTING UNDERGROUND ELECTRIC
- G EXISTING GAS LINE
- PROPOSED DRAINAGE
- PROPOSED WASTEWATER LINE
- WW EXISTING WASTEWATER LINE
- TOS TOP OF STACK
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED CAP/PLUG
- EXISITING WATER METER
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- PROPOSED WASTEWATER MANHOLE
- EXISTING WASTEWATER MANHOLE
- PROPOSED DRAINAGE JUNCTION BOX
- PROPOSED CURB INLET
- PROPOSED 60" DRAINAGE MANHOLE
- PROPOSED STREET LIGHT
- PROPOSED WASTEWATER LATERAL

WASTEWATER SHEET NOTES

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3. REFERENCE SHEET C012, GENERAL NOTES FOR ADDITIONAL SITE NOTES.
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9. ON ALL GRAVITY LINES, CONTRACTOR MUST START AT DOWNSTREAM END AND PROCEED UPSTREAM TAKING CARE TO EXPOSE ALL EXISTING UTILITIES AND STRUCTURES WHICH MAY CONFLICT WITH THE PROPOSED LINE. ANY OTHER SEQUENCE OF CONSTRUCTION WILL BE AT THE CONTRACTOR'S RISK.
10. THERE ARE NO EXISTING HERITAGE TREES ON THE SITE.
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17. ALL RESIDENTIAL WASTE WATER SERVICE LATERALS SHALL BE EXTENDED TO THE BACK OF THE 10' E.G.T.C. AND CAPPED AND SEALED.
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19. ALL WASTE WATER PIPE TO BE SDR 26 PER ASTM D3034 SPECIFICATIONS UNLESS OTHERWISE NOTED. PIPE JOINTS TO BE SDR 26 PER ASTM D3139 SPECIFICATIONS.
20. ALL WASTE WATER LINES WHICH CROSS WATER LINES ARE TO HAVE A MINIMUM OF A SINGLE LENGTH OF SDR 26(AST D2241-09). PRESSURE RATED (150 PSI) PIPE, CENTERED ON THE WATERLINE SUCH THAT EACH WASTE WATER JOINT IS A MINIMUM OF NINE FEET FROM THE WATERLINE.
21. ALL SITE DIMENSIONS ARE TO FACE OF CURB, CENTER OF PIPE, CENTER OF STRIPING, AND PROPERTY LINE UNLESS OTHERWISE NOTED.
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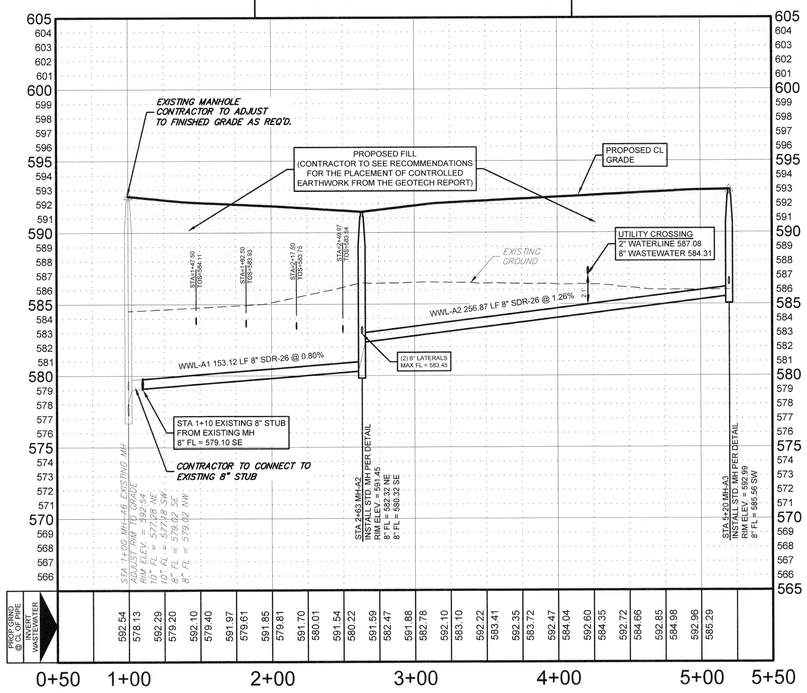
23. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDON. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
24. REFERENCE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION ON DRAINAGE STRUCTURES & APPURTENANCES. CONTRACTOR TO REFER TO SAWS STANDARD DETAILS FOR ALL SAWS APPURTENANCES AND STRUCTURES.
25. CONTRACTOR TO REPAIR AND/OR REPLACE ALL DAMAGED SIDEWALKS AND CURBS AROUND SITE IN ACCORDANCE WITH THE [CITY OF SAN ANTONIO] STANDARD DETAILS AND SPECIFICATIONS.

KNEELING PATH & PULLING RUN

WWL-A STA 0+50 TO STA 5+50



5'
2.5'
0
VERT. SCALE

SCALE:
1"=5' VERT.
1"=50' HORIZ.

1 REVISED SHEET

UPPER MEDINA RIVER WATERSHED - DOS RIOS W.R.C.

Developer: LENNAR HOMES OF TEXAS LAND & CONSTRUCTION, LTD.			
Address: 100 NE LOOP 410, SUITE 1155			
City: SAN ANTONIO	State: TEXAS	Zip: 78216	
Phone:		Fax:	
SAWS Block Map: 122-536	Total EDUs: 195	Total Acreage: 33.62	
Total Linear Footage of Pipe:	4,734 L.F. 8" PVC 6,494 L.F. 6" PVC	Plat No.: 22-11800251	
Number of Lots:	195 S.F. 4 N.S.F.	SAWS Job No.: 22-1656	

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UP ENGINEERING + SURVEYING
11903 JONES MALTSBERGER, SUITE 102
SAN ANTONIO, TX 78216 TEL 210-774-5504
WWW.UPENGINEERING.COM TBPE F-17992
TBPELS F-10194606

STATE OF TEXAS
NATASHA F. UHLRICH
89502
LICENSED
PROFESSIONAL ENGINEER
7/19/24

LENNAR HOMES OF TEXAS
LAND & CONSTRUCTION, LTD.
100 NE LOOP 410, SUITE 1155
SAN ANTONIO, TEXAS 78216

VALLE SOL UNIT 2 SUBDIVISION
PLAT NO. 22-11800251

WASTEWATER LINE A

REV	DATE	DESCRIPTION	BY
1	7/17/24	GRADING REVISIONS & VALUE ENGINEERING	JOS

DESIGNED BY: JOS/TS
DRAFTED BY: JOS
CHECKED BY: NFU/RRP

SHEET
CU200
61 OF 75

FILE NAME: U:_PROJECTS\195 - VALLE SOL\195.2A - VALLE SOL - UNIT 2 REDESIGN\CAD\SHEETS\195.2 - CU200 WASTEWATER LINE A.DWG
LAST MODIFIED BY: jsoto
LAST MODIFIED ON: January 19, 2024
PLOTTED BY: jsoto
PLOTTED ON: January 19, 2024
PLOTTER TYPE: DWG TO PDF.PC3
PLOT STYLE: UP PRODUCTION STANDARD.CTB

UPPER MEDINA RIVER WATERSHED - DOS RIOS W.R.C.

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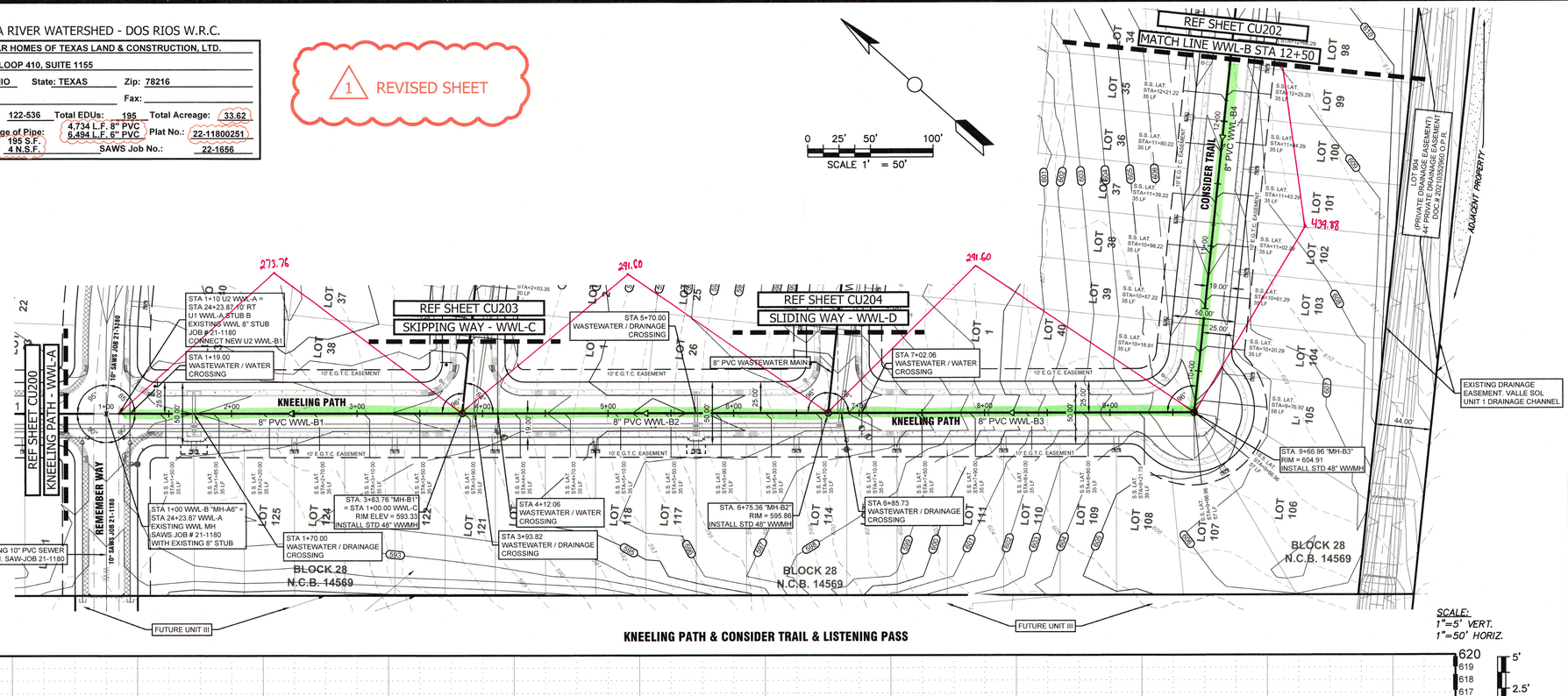
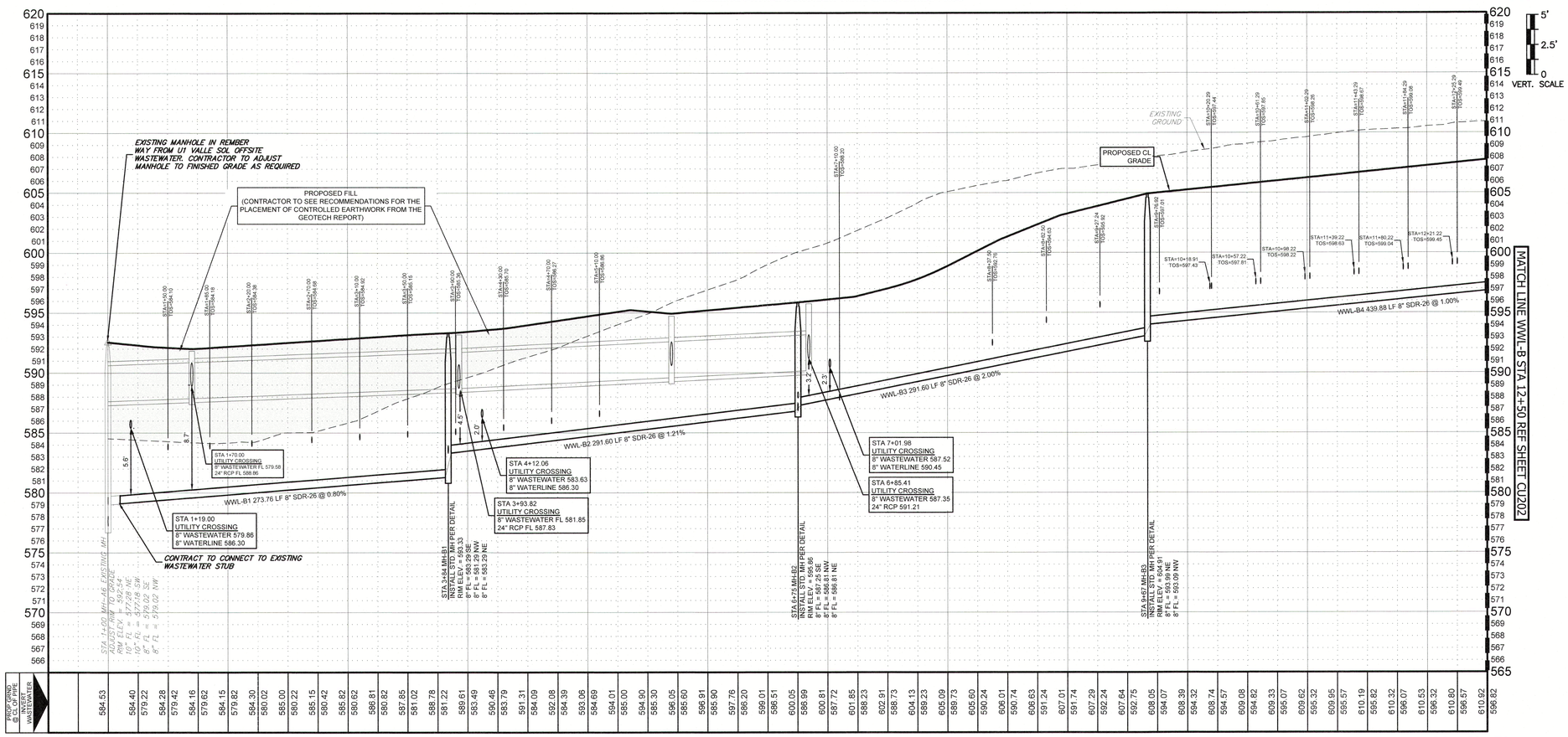


KNEELING PATH & CONSIDER TRAIL & LISTENING PASS



LEGEND

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WWW.UPENGINEERING.COM
TBPE FIRM # F-17992
TBPELS # F-10194808

STATE OF TEXAS
NATASHA R. UHLRICH
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LICENSED
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1/19/24

LENNAR HOMES OF TEXAS
LAND & CONSTRUCTION, LTD.
100 NE LOOP 410, SUITE 1155
SAN ANTONIO, TEXAS 78216

VALLE SOL UNIT 2 SUBDIVISION
PLAT NO. 22-11800251

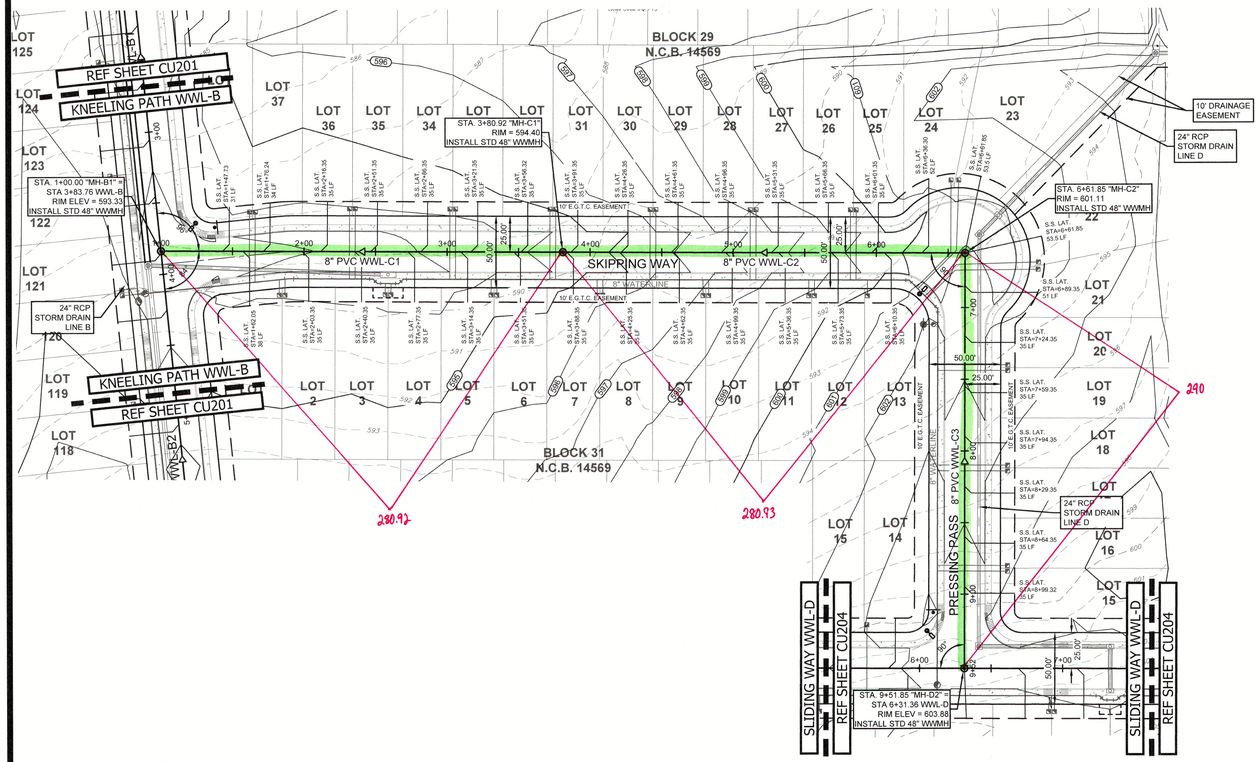
WASTEWATER LINE B

REV	DATE	DESCRIPTION	BY
1	1/17/24	GRADING REVISIONS & VALUE ENGINEERING	JCS

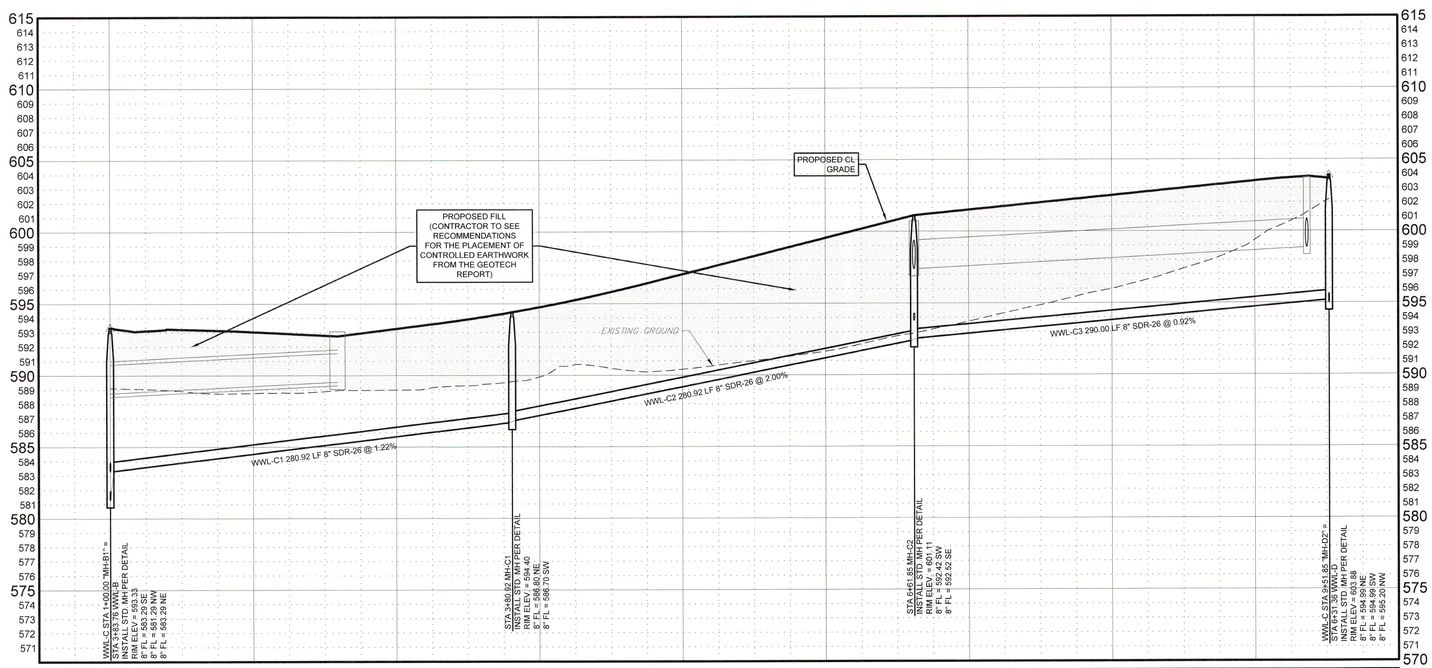
DESIGNED BY: JOS/TS
DRAFTED BY: JOS
CHECKED BY: NFU/RRP

SHEET
CU201
62 OF 75

FILE NAME: U:\PROJECTS\195 - VALLE SOL\195-24- VALLE SOL\195-24 - VALLE SOL - UNIT 2 REDESIGN\ACAD\SHEETS\195-2 - CU201 WASTEWATER LINE B.DWG
LAST MODIFIED BY: jacob.sanchez
LAST MODIFIED ON: January 19, 2024
PLOTTED BY: Jacob Sanchez
PLOTTED ON: January 19, 2024
PAPER SIZE: ANSI Arch D 24x36
PLOT STYLE: V10 UP PRODUCTION STANDARD.CTB



SKIPPING WAY & PRESSING PASS



VERT. SCALE: 5', 2.5', 0

SCALE:
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19. ALL WASTE WATER PIPE TO BE SDR 26 PER ASTM D3034 SPECIFICATIONS UNLESS OTHERWISE NOTED. PIPE JOINTS TO BE SDR 26 PER ASTM D3139 SPECIFICATIONS.
20. ALL WASTE WATER LINES WHICH CROSS WATER LINES ARE TO HAVE A MINIMUM OF A SINGLE LENGTH OF SDR 26(AST D2241-09), PRESSURE RATED (150 PSI) PIPE, CENTERED ON THE WATERLINE SUCH THAT EACH WASTE WATER JOINT IS A MINIMUM OF NINE FEET FROM THE WATERLINE.
21. ALL SITE DIMENSIONS ARE TO FACE OF CURB, CENTER OF PIPE, CENTER OF STRIPING, AND PROPERTY LINE UNLESS OTHERWISE NOTED.
22. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN / GEOTECHNICAL / SAFETY/ EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) 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.
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25. CONTRACTOR TO REPAIR AND/OR REPLACE ALL DAMAGED SIDEWALKS AND CURBS AROUND SITE IN ACCORDANCE WITH THE [CITY OF SAN ANTONIO] STANDARD DETAILS AND SPECIFICATIONS.

1 REVISED SHEET

UPPER MEDINA RIVER WATERSHED - DOS RIOS W.R.C.

Developer: LENNAR HOMES OF TEXAS LAND & CONSTRUCTION, LTD.
Address: 100 NE LOOP 410, SUITE 1155
City: SAN ANTONIO **State:** TEXAS **Zip:** 78216
Phone: **Fax:**
SAWS Block Map: 122-536 **Total EDUs:** 195 **Total Acreage:** 33.62
Total Linear Footage of Pipe: 195 S.F. / 4,734 L.F. 8" PVC / 6,494 L.F. 6" PVC **Plat No.:** 22-11800251
Number of Lots: 4 N.S.F. **SAWS Job No.:** 22-1656

CAUTION!!!
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UP ENGINEERING + SURVEYING
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WWW.UPENGINEERING.COM TBPE F-17992
TBPELS F-10194506

STATE OF TEXAS
NATASHA F. UHLRICH
89502
LICENSED
PROFESSIONAL ENGINEER
7/19/24

LENNAR HOMES OF TEXAS
LAND & CONSTRUCTION, LTD.
100 NE LOOP 410, SUITE 1155
SAN ANTONIO, TEXAS 78216

VALLE SOL UNIT 2 SUBDIVISION
PLAT NO. 22-11800251

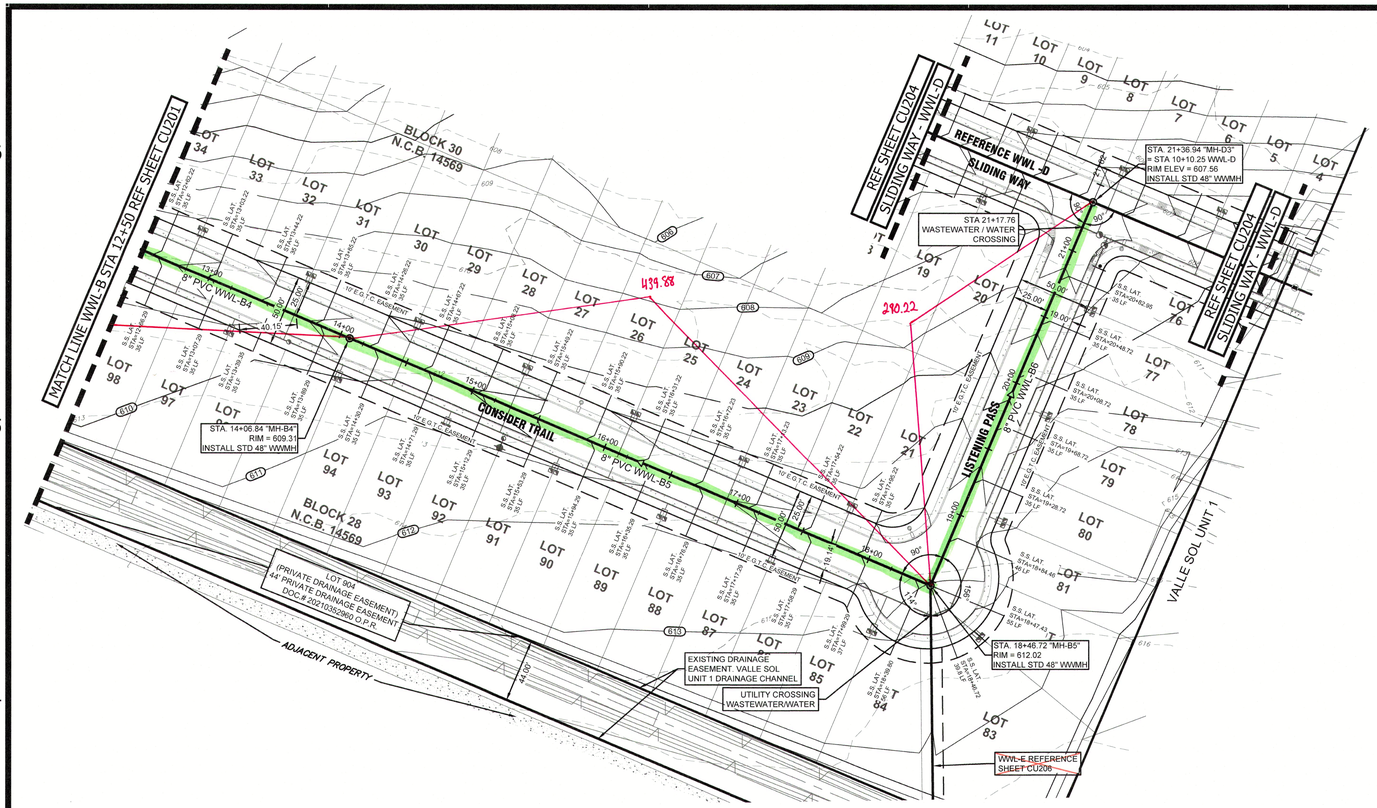
WASTEWATER LINE C

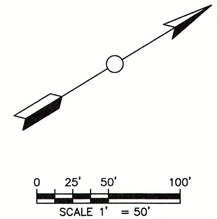
REV	DATE	DESCRIPTION	BY
1	1/17/24	GRADING REVISIONS & VALUE ENGINEERING	JOS

DESIGNED BY: JOS/TS
DRAFTED BY: JOS
CHECKED BY: NFU/RRP

SHEET
CU203
64 OF 75

FILE NAME: U:_PROJECTS\196 - VALLE SOL\196.24 - VALLE SOL - UNIT 2 REDESIGN\CAD\SHEETS\196.2 - CU203 WASTEWATER LINE C.DWG
LAST MODIFIED ON: January 19, 2024
LAST MODIFIED BY: JOSHUA SMITH
PLOTTED ON: January 19, 2024
PLOTTED BY: JOSHUA SMITH
PLOT STYLE: V:\U-UP PRODUCTION STANDARD.CTB





LEGEND

- BOUNDARY / RIGHT OF WAY
- EASEMENT / SETBACK
- CURB / EDGE OF PAVEMENT
- SIDEWALK (HOME BUILDER'S RESPONSIBILITY)
- SIDEWALK (DEVELOPER'S RESPONSIBILITY)
- 102 EXIST. GRADE ELEVATIONS
- 102 PROP. GRADE ELEVATIONS
- W EXISTING WATER LINE
- PROPOSED WATER LINE
- OE EXISTING OVERHEAD UTILITIES
- UE EXISTING UNDERGROUND ELECTRIC
- G EXISTING GAS LINE
- PROPOSED DRAINAGE
- PROPOSED WASTEWATER LINE
- WW EXISTING WASTEWATER LINE
- TOS TOP OF STACK
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED CAP/PLUG
- EXISITING WATER METER
- PROPOSED WATER METER
- EXISTING GUY WIRE
- PROPOSED WASTEWATER MANHOLE
- EXISTING WASTEWATER MANHOLE
- PROPOSED DRAINAGE JUNCTION BOX
- PROPOSED CURB INLET
- PROPOSED 60" DRAINAGE MANHOLE
- PROPOSED STREET LIGHT
- PROPOSED WASTEWATER LATERAL

WASTEWATER SHEET NOTES

1. EXISTING CONDITIONS SURVEY WAS PREPARED BY WESTWOOD PROFESSIONAL SERVICES, INC. IN MAY, OF 2020.
2. REFERENCE COVER SHEET FOR ADDITIONAL SITE INFORMATION.
3. REFERENCE SHEET C012, GENERAL NOTES FOR ADDITIONAL SITE NOTES.
4. LIMITS OF CONSTRUCTION ARE SHOWN ON THE EROSION & SEDIMENTATION CONTROL PLAN, REFERENCE SHEET ###.
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7. CONTRACTOR TO SHALL EXPOSE ALL EXISTING UTILITIES CROSSING PROPOSED GRAVITY LINES AND INSURE THERE WILL BE NO CONFLICT PRIOR TO BEGINNING CONSTRUCTION. ADDITIONALLY, CONTRACTOR TO PLAN UTILITY INSTALLATIONS IN A MANNER TO AVOID CONFLICTS WITH PROPOSED GRAVITY LINES.
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10. THERE ARE NO EXISTING HERITAGE TREES ON THE SITE.
11. ALL ITEMS ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. REFERENCE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
12. AFTER ALL WASTE WATER CONSTRUCTION HAS BEEN COMPLETED, FINAL STABILIZATION OF THE CONSTRUCTION AREA ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES SHALL BE COMPLETED BY EVENLY DISTRIBUTING SEEDING AND WATERING TO A MIN. 70% OF THE NATIVE BACKGROUND VEGETATIVE COVER.
13. ALL WASTE WATER MANHOLES SHALL BE CONSTRUCTION IN ACCORDANCE WITH THE SAWS SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION (LATEST EDITION).
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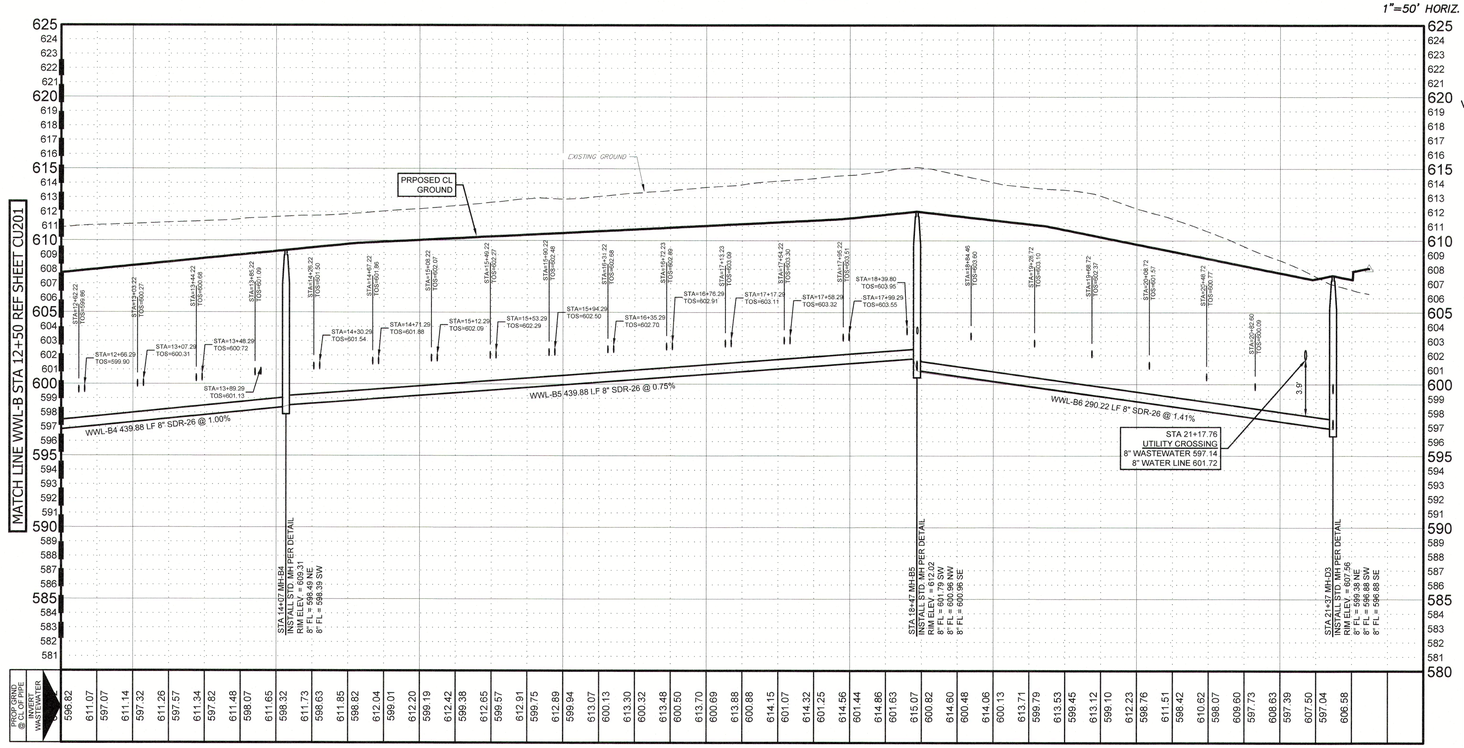
KNEELING PATH & CONSIDER TRAIL & LISTENING PASS

SCALE:
1"=5' VERT.
1"=50' HORIZ.



5'
2.5'
0
VERT. SCALE

1 REVISED SHEET

UPPER MEDINA RIVER WATERSHED - DOS RIOS W.R.C.

Developer: LENNAR HOMES OF TEXAS LAND & CONSTRUCTION, LTD.	
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Phone:	Fax:
SAWS Block Map: 122-536 Total EDUs: 195	Total Acreage: 33.62
Total Linear Footage of Pipe: 195 S.F. 4 N.S.F.	4,734 L.F. 8" PVC 6,494 L.F. 6" PVC Plat No.: 22-11800251
Number of Lots:	SAWS Job No.: 22-1656

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11903 JONES MALTSBERGER, SUITE 102
SAN ANTONIO, TEXAS 78216 TEL 210-774-3504
WWW.UPENGINEERINGANDSURVEYING.COM TBPELS F-17892

STATE OF TEXAS
NATASHA F. UHLRICH
89502
LICENSED PROFESSIONAL ENGINEER
1/11/24

LENNAR HOMES OF TEXAS
LAND & CONSTRUCTION, LTD.
100 NE LOOP 410, SUITE 1155
SAN ANTONIO, TEXAS 78216

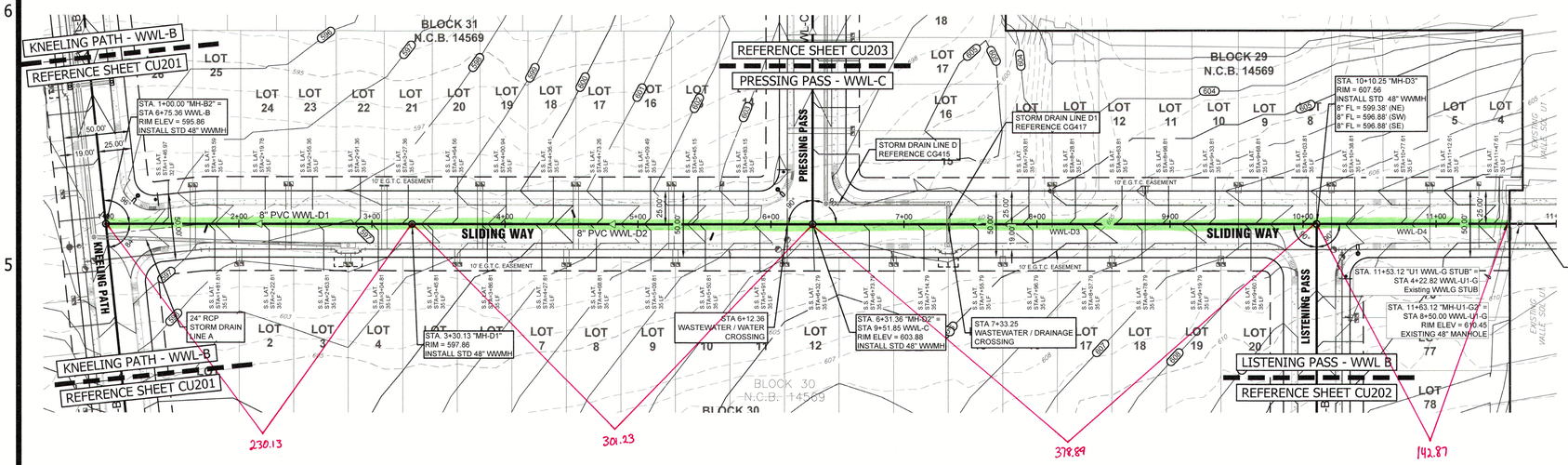
VALLE SOL UNIT 2 SUBDIVISION
PLAT NO. 22-11800251

WASTEWATER LINE B

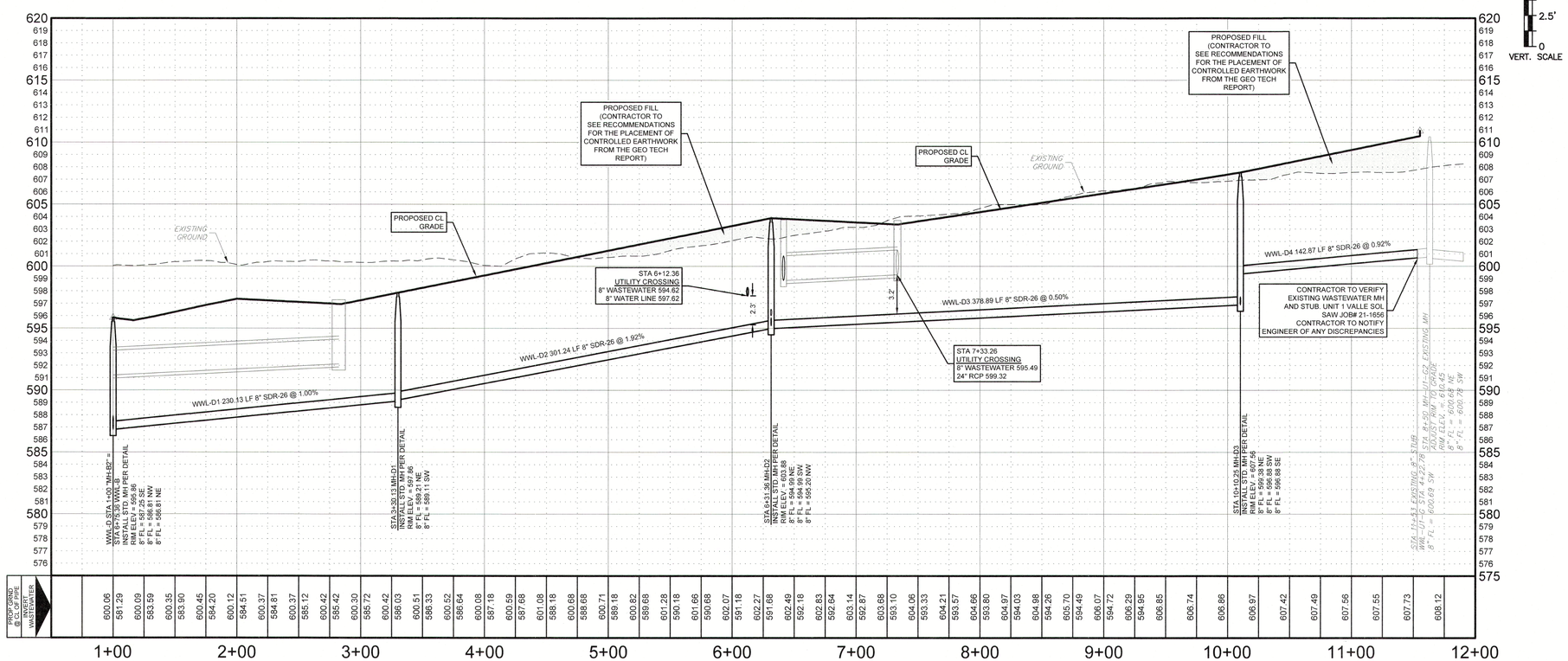
REV	DATE	DESCRIPTION	BY
1	1/17/24	GRADING REVISIONS & VALUE ENGINEERING	JOS

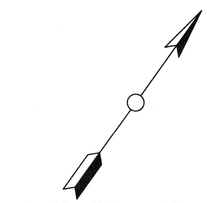
DESIGNED BY: JOS/TS
DRAFTED BY: JOS
CHECKED BY: NFU/RRP

SHEET
CU202
63 OF 75



SLIDING WAY





LEGEND

- BOUNDARY / RIGHT OF WAY
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- CURB / EDGE OF PAVEMENT
- SIDEWALK (HOME BUILDER'S RESPONSIBILITY)
- SIDEWALK (DEVELOPER'S RESPONSIBILITY)
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- (102) PROP. GRADE ELEVATIONS
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1 REVISED SHEET

UPPER MEDINA RIVER WATERSHED - DOS RIOS W.R.C.

Developer: LENNAR HOMES OF TEXAS LAND & CONSTRUCTION, LTD.
Address: 100 NE LOOP 410, SUITE 1155
City: SAN ANTONIO **State:** TEXAS **Zip:** 78216
Phone: **Fax:**
SAWS Block Map: 122-536 **Total EDUs:** 195 **Total Acreage:** 33.62
Total Linear Footage of Pipe: 4,734 L.F. 8" PVC / 6,494 L.F. 6" PVC **Plat No.:** 22-11800251
Number of Lots: 195 S.F. / 4 N.S.F. **SAWS Job No.:** 22-1656

CAUTION!!!
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TBPELS F-10194005

STATE OF TEXAS
NATASHA F. UHLRICH
89502
LICENSED PROFESSIONAL ENGINEER
1/19/24

LENNAR HOMES OF TEXAS
LAND & CONSTRUCTION, LTD.
100 NE LOOP 410, SUITE 1155
SAN ANTONIO, TEXAS 78216

VALLE SOL UNIT 2 SUBDIVISION
PLAT NO. 22-11800251

WASTEWATER LINE D

REV	DATE	DESCRIPTION	BY
1	1/17/24	GRADING REVISIONS & VALUE ENGINEERING	JOS

DESIGNED BY: JOS/TS
DRAFTED BY: JOS
CHECKED BY: NFU/RRP

SHEET
CU204
65 OF 75

FILE NAME: U:\PROJECTS\195 - VALLE SOL\195.2A VALLE SOL - UNIT 2 RESIDENCIAL\CAD\SHEETS\195.2 - CU204 WASTEWATER LINE D.DWG
LAST MODIFIED BY: JOSCH
LAST MODIFIED ON: January 19, 2024
PLOTTED BY: JOSCH
PLOTTED ON: January 19, 2024
PLOT SCALE: 1:1 PLOT STYLE: V11-UP PRODUCTION STANDARD.CTB