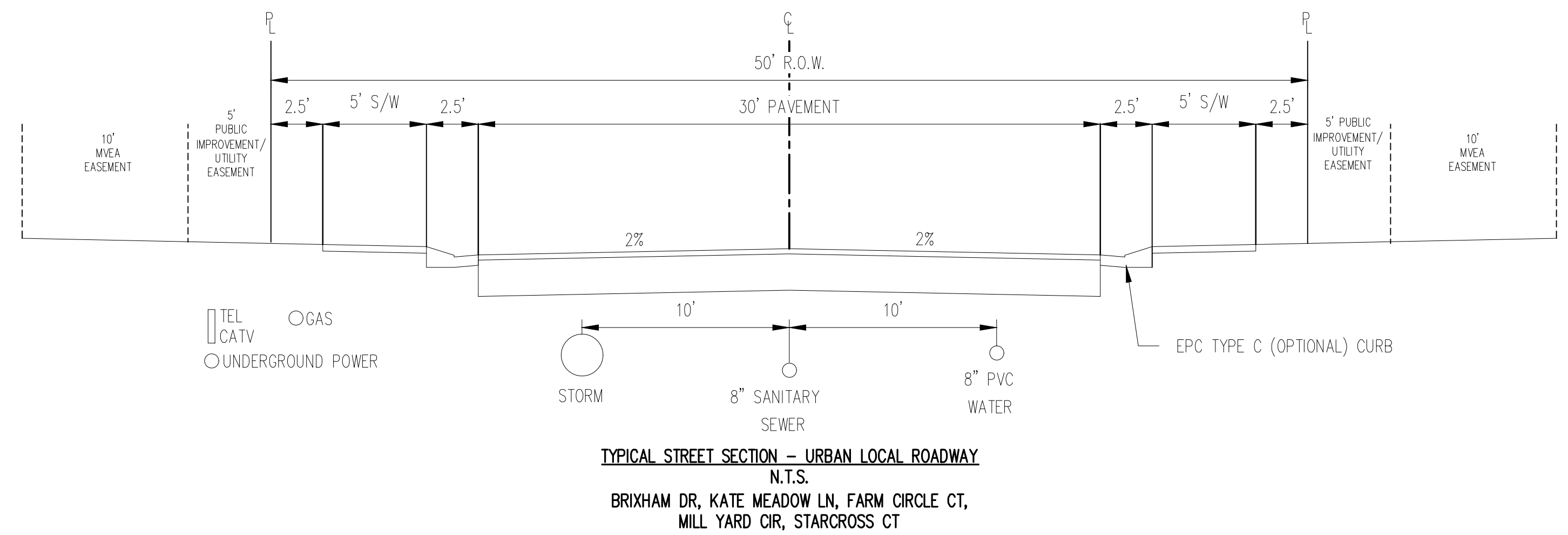


GENERAL NOTES:

1. ALL UTILITY CONSTRUCTION TO BE CONDUCTED IN CONFORMANCE WITH THE CURRENT WOODMEN HILLS METROPOLITAN DISTRICT (WHD, THE DISTRICT) SPECIFICATIONS.
2. ALL PLANS ON THE JOB SITE SHALL BE SIGNED BY THE DISTRICT AND THE DISTRICTS ENGINEER. ANY REVISION TO THE PLANS SHALL BE SO NOTED WITH THE OLD DRAWING MARKED "NOT VALID".
3. ALL STATIONING IS CENTERLINE UNLESS OTHERWISE NOTED. ALL ELEVATIONS ARE CENTERLINE UNLESS OTHERWISE NOTED.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE DISTRICT. THE DISTRICT RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
5. ALL OVER-LIFT GRADING MUST BE COMPLETED TO WITHIN ONE (1) FOOT OF FINAL GRADE PRIOR TO INSTALLATION OF WATER AND WASTEWATER INFRASTRUCTURE.
6. ALL WATER AND SEWER SERVICE LOCATIONS SHALL BE CLEARLY MARKED ON EITHER THE CURB HEAD OR THE FACE OF THE CURB, WITH AN "S" FOR SEWER AND A "W" FOR WATER.
7. DUCTILE IRON PIPES, INCLUDING FITTINGS, VALVES AND FIRE HYDRANTS, SHALL BE WRAPPED WITH POLYETHYLENE TUBING, DOUBLE BONDED AT EACH JOINT AND ELECTRICALLY ISOLATED. BONDING AND ANODE CONNECTIONS SHALL BE THOROUGHLY COATED WITH BITUMINOUS COATINGS.
8. ALL DUCTILE IRON PIPE LESS THAN 12 INCHES AND FITTINGS SHALL HAVE CATHODIC PROTECTION USING TWO NO. 6 WIRES WITH 17 LB. MAGNESIUM ANODES EVERY 400 FEET AND 9 LB. MAGNESIUM ANODES AT EACH FITTING. ALL DUCTILE IRON PIPE TWELVE INCHES (12") AND GREATER AND FITTINGS SHALL HAVE CATHODIC PROTECTION USING TWO NO. 6 WIRES WITH 17 LB. MAGNESIUM ANODES EVERY 300 FEET AND 9 LB. MAGNESIUM ANODES AT EACH FITTING.
9. ALL PIPE MATERIAL, BACKFILL, AND INSTALLATION SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS, COLORADO DEPARTMENT OF TRANSPORTATION, EL PASO COUNTY DEPARTMENT OF TRANSPORTATION, COLORADO SPRINGS UTILITIES AND THE GEOTECHNICAL ENGINEER.
10. COMPACTION TESTS SHALL BE 90% STANDARD PROCTOR AS DETERMINED BY ASTM D698, UNLESS OTHERWISE APPROVED BY THE DISTRICT OR HIGHER STANDARD AS IMPOSED BY ANOTHER AGENCIES HAVING RIGHT-OF-WAY JURISDICTION. THIS SHALL INCLUDE ALL VALVES, FIRE HYDRANT RUNS, WATER & SEWER SERVICE LINES AND MANHOLES. ALL REPORTS SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL.
11. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE DISTRICT SHALL BE NOTIFIED OF ANY DEVIATIONS TO THE LINE AND/OR GRADE AS SHOWN ON THE PLANS. CONTRACTOR SHALL SUBMIT TO THE DISTRICT AND THE ENGINEER A REPORT OF THE FIELD VERIFIED INFORMATION PRIOR TO THE START OF CONSTRUCTION.
12. ALL BENDS SHALL BE FIELD STAKED PRIOR TO THE START OF CONSTRUCTION.
13. BENDS, DEFLECTION, AND CUT PIPE LENGTHS MUST BE USED TO HOLD HORIZONTAL ALIGNMENT OF SEWER AND WATER LINES TO NOT MORE THAN 0.5' FROM THE DESIGNED ALIGNMENT. CONSTRUCTION STAKES TO BE AT TWENTY-FIVE FEET (25') INTERVALS ALONG CURVES TO ENSURE LOCATION OF PIPE LINE CONSTRUCTION.
14. AT ALL LOCATIONS WHERE CAP AND STUB IS NOTED ON DRAWINGS, PROVIDE A PLUG AT THE END OF THE PIPE JOINT NEAREST THE SPECIFIED STATION. PROVIDE A REVERSE ANCHOR AT ALL WATER LINE PLUGS.
15. ALL UNUSED, SALVAGED WATER UTILITY MATERIAL SHALL BE RETURNED TO THE METROPOLITAN DISTRICT AS REQUESTED.
16. AT THE CONTRACTOR'S EXPENSE, ALL UTILITY MAINS SHALL BE SUPPORTED AND PROTECTED SUCH THAT THEY SHALL FUNCTION CONTINUOUSLY DURING CONSTRUCTION OPERATIONS. SHOULD A UTILITY MAIN FAIL AS A RESULT OF THE CONTRACTOR'S OPERATION, IT SHALL BE REPLACED IMMEDIATELY BY THE CONTRACTOR OR BY THE CONTRACTOR/DEVELOPER.
17. PUMPING OR BYPASS OPERATIONS SHALL BE REVIEWED AND APPROVED BY BOTH THE DISTRICT AND THE DISTRICT ENGINEER PRIOR TO EXECUTION.
18. THE CONTRACTOR SHALL REPLACE OR REPAIR DAMAGE TO ALL SURFACE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO FENCES, LANDSCAPING, CURB AND GUTTER AND/OR ASPHALT THAT MAY BE CAUSED DURING CONSTRUCTION.
19. ALL CONTRACTORS WORKING ON OR NEAR A WATER OR SEWER FACILITY (TO INCLUDE SERVICE LINES) SHALL HAVE LIABILITY INSURANCE NAMING THE DISTRICT AS AN ADDITIONAL INSURED AND SHALL PROVIDE A CURRENT COPY OF WORKERS COMPENSATION INSURANCE ON FILE WITH THE DISTRICT. NO WORK CAN PROCEED WITHOUT CURRENT CERTIFICATES ON FILE AT THE DISTRICTS OFFICE.
20. THE CONTRACTOR SHALL NOTIFY THE DISTRICT AND ALL AFFECTED UTILITY COMPANIES ADJACENT TO THE PROPOSED UTILITY CONSTRUCTION A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. A WEEKLY CONSTRUCTION MEETING SHALL BE REQUIRED WITH THE CONTRACTOR, DISTRICT ENGINEER AND ALL OTHER PARTIES AS DEEMED NECESSARY BY THE DISTRICT.
21. COMMENCEMENT OF CONSTRUCTION OF WATER/SEWER SYSTEMS WITHIN METROPOLITAN DISTRICT:
 - A) PRIOR TO THE START OF CONSTRUCTION, A PRE-CONSTRUCTION MEETING IS REQUIRED. A MINIMUM OF 48 HOURS IN ADVANCE OF COMMENCEMENT OF WORK, A REPRESENTATIVE OF THE OWNER OR DEVELOPER, A REPRESENTATIVE OF THE CONTRACTOR AND DESIGN ENGINEER ARE REQUIRED TO ATTEND. CONTACT THE DISTRICT TO SCHEDULE THE PRE-CONSTRUCTION MEETING. NO PRE-CONSTRUCTION MEETING CAN BE SCHEDULED BEFORE FOUR (4) SIGNED/APPROVED PLAN SETS ARE RECEIVED BY THE DISTRICT.
 - B) THE CONTRACTOR IS REQUIRED TO NOTIFY THE DISTRICT A MINIMUM OF 48 HOURS AND A MAXIMUM OF 2 WEEKS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION ADJACENT TO THE KNOWN UTILITY LINES.
22. TESTING OF FACILITIES:
 - A) THE CONTRACTOR SHALL NOTIFY THE DISTRICT A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF ANY TESTING.
 - B) ALL SECTIONS OF WATER LINE ARE TO MEET THE FOLLOWING PRESSURE TESTING REQUIREMENTS:
 - TEST 100 % OF ALL LINES
 - MUST PASS PRESSURE TEST TO 200 PSI FOR TWO HOURS (UNLESS OTHERWISE APPROVED ON THE PLANS).
 - C) ALL SANITARY SEWER FACILITIES ARE TO MEET THE FOLLOWING TESTING REQUIREMENTS:
 - ALL LINES SHALL BE JET CLEANED PRIOR TO VACUUM OR PRESSURE TESTING
 - ALL MANHOLES SHALL BE VACUUM TESTED WITH DISTRICT STAFF PRESENT PRIOR TO CCTV INSPECTION.
 - SEWER MAINS TO BE PRESSURE TEST PRIOR TO CCTV INSPECTION
 - ALL LINES SHALL BE CCTV INSPECTED AND VIDEO SHALL TO BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL.
23. PRELIMINARY ACCEPTANCE SHALL BE DEFINED AS THE POINT IN TIME THAT THE DISTRICT ACCEPTS THE FACILITY FOR USE. ALL SURFACE IMPROVEMENTS AND RESTORATION SHALL BE COMPLETED WITHIN 30 DAYS OF COMMENCEMENT. SHOULD THE CONTRACTOR FAIL TO COMPLETE ALL SURFACE IMPROVEMENTS AND RESTORATION WITHIN 30 DAYS OF COMMENCEMENT OF SERVICE, THE DISTRICT, AT THEIR DISCRETION, MAY ELECT TO COMPLETE THE IMPROVEMENTS AT THE CONTRACTOR'S COST.
24. FINAL ACCEPTANCE BY THE DISTRICT OF ANY LINE OR SYSTEM SHALL NOT OCCUR UNTIL COMPLETION OF FINAL ASPHALT LAYERS AND/OR FINAL COMPLETION AND/OR RESTORATION OF ALL SURFACE IMPROVEMENTS. THE WARRANTY PERIOD FOR ALL FACILITIES PRIOR TO FINAL ACCEPTANCE SHALL BE 24 MONTHS COMMENCING AFTER PRELIMINARY ACCEPTANCE.
25. ACCEPTANCE:
 - A) THE DISTRICT MAY GIVE PRELIMINARY ACCEPTANCE ONCE ALL OF THE TESTS ON ALL THE LINES HAVE BEEN COMPLETED AND A WALK-THRU HAS OCCURRED.
 - B) A SECOND ACCEPTANCE MAY OCCUR ONCE FIRST LIFT OF ASPHALT GOES DOWN AND A SECOND WALK-THROUGH OF THE SYSTEM OCCURS. IF ALL FACILITIES ARE CLEAN AND ACCESSIBLE, A FINAL ACCEPTANCE MAY OCCUR (THE DISTRICT MAY REQUIRE CLEANING AND RE-VIDEO OF THE SYSTEM, DEPENDING ON THE SEVERITY OF THE CONTAMINATION).
26. ALL WATER AND SEWER MAINS, INCLUDING SERVICE LINES, SHALL HAVE "AS-BUILT" DRAWINGS PREPARED AND APPROVED PRIOR TO PRELIMINARY ACCEPTANCE BY THE DISTRICT.
27. ALL COMMERCIAL/BUSINESS DEVELOPMENTS SHALL HAVE AN EIGHT INCH (MIN.) WATER MAIN LOOPED THROUGH THE PROPOSED PROPERTY WITH GATE VALVES LOCATED WHERE THE MAIN ENTERS THE PROPERTY LINE. AN EIGHT-INCH SEWER MAIN SHALL BE INSTALLED FOR SERVICE TO COMMERCIAL/BUSINESS DEVELOPMENTS, AND A MANHOLE SHALL BE LOCATED WHERE THE MAIN ENTERS THE PROPERTY. THE END OF THE MAINS SHALL BE MARKED WITH THE APPROPRIATE COLORED CARBONITE MARKER ALONG WITH TRACER WIRE.

28. AFTER REVIEW AND APPROVAL OF PLANS FOR THE EXTENSION OF LINES, FACILITIES AND/OR SERVICES, CONSTRUCTION MUST HAVE COMMENCED WITHIN 18 MONTHS FOR RESIDENTIAL SUBDIVISIONS AND 12 MONTHS FOR ANY COMMERCIAL INSTALLATIONS.
 29. INSPECTION FEES: CALL THE DISTRICT (719-495-2500) FOR FEE SCHEDULE.
- WATER SYSTEM INSTALLATION NOTES**
30. ALL WATER AND FORCE MAIN PIPE SHALL BE ANMA C900 PVC OR EQUAL, PRESSURE CLASS 200. ALL WATER AND FORCE MAIN FITTINGS SHALL HAVE MECHANICAL RESTRAINTS AND THRUST BLOCKS. ALL WATER AND FORCE MAIN PIPE SHALL HAVE A MINIMUM COVER DEPTH OF FIVE-AND-ONE-HALF (5.5) FEET.
 31. ALL WATER VALVES ASSOCIATED WITH THE POTABLE WATER SYSTEM SHALL BE OPEN CLOCKWISE. ALL VALVES INSTALLED IN LANDSCAPED AREAS AND/OR NOT WITHIN PAVED STREETS SHALL BE MARKED WITH CARBONITE MARKERS. ALL VALVES ASSOCIATED WITH THE RAW WATER SYSTEM SHALL BE OPEN COUNTERCLOCKWISE AND MARKED WITH CARBONITE MARKERS AS APPLICABLE.
 32. THE DEVELOPER OR HIS ENGINEER SHALL LOCATE ALL FIRE HYDRANTS AND SERVICE STUB-OUTS FOR FUTURE DEVELOPMENT. ANY REQUIRED REALIGNMENT, HORIZONTAL OR VERTICAL, SHALL BE AT THE EXPENSE OF THE DEVELOPER. FIRE HYDRANT LOCATION SHALL BE REVIEWED AND APPROVED BY THE APPLICABLE FIRE AUTHORITY.
 33. FIRE HYDRANTS SHALL BE OPEN RIGHT WITH 7/8" X 7/8" SQUARE TAPERED ALONG WITH SERVICE CAPS. LUBRICATION TYPE: GREASE. ACCEPTABLE BRAND IS KENNEDY GUARDIAN (K81D, K81A, AND K81AM). EACH FIRE HYDRANT LOCATION SHALL ALSO BE USED AS TEST STATION.
 34. ALL MAIN LINES (PVC & DUCTILE IRON) SHALL BE INSTALLED WITH COATED #12 TRACER WIRE WITH TEST STATIONS AT INTERVALS NO GREATER THAN 500 FT (VALVE BOXES CAN BE USED AT INTERSECTIONS AND SERVICE STUBS).
 35. CONTRACTOR SHALL MAKE CONNECTIONS TO EXISTING WATER LINE WITHOUT SHUTDOWN, OR ELSE NOTIFY THE DISTRICT OF ANY SERVICE SHUTDOWNS NECESSARY TO CONNECT TO EXISTING LINES.
 36. IRRIGATION SERVICES SHALL HAVE A STOP-AND-WASTE CURB STOP VALVE INSTALLED ALONG WITH TRACER WIRE EXTENDING BACK TO THE MAIN LINE.
 37. COMMENCEMENT OF USE OF WATER LINES AND/OR SYSTEMS:
 - A) NO WATER FACILITY SHALL BE PLACED IN SERVICE UNTIL AFTER THE COMPLETION OF ALL PRESSURE TESTING, FLUSHING, BAC-T TESTING, COMPACTION TESTING, AND AS-BUILT DRAWINGS ARE SUBMITTED AND APPROVED BY THE DISTRICT.
 - B) NO WATER FACILITY SHALL BE PLACED IN SERVICE UNTIL ALL SERVICE LINES ARE COMPLETED AND THE FIRST LIFT OF ASPHALT IS COMPLETED OVER THE LINE. IN THE CASE WHERE NO ASPHALT IS TO BE PLACED OVER THE LINE, SURFACE IMPROVEMENTS SHALL BE COMPLETED PRIOR TO USE OF THE FACILITY.
 - C) ALL EASEMENTS (PLATTED OR DEEDED) ARE DEDICATED, EXECUTED BY THE DISTRICT, AND RECORDED.
- WASTEWATER SYSTEM INSTALLATION NOTES**
38. SANITARY SEWER LENGTHS ARE MH CENTER - MH CENTER. ALL SANITARY SEWER PIPES SHALL BE SDR 35 PVC OR APPROVED EQUAL. SEWER LINES MAY NOT EXCEED 7% GRADE FOR ANY SIZE WITHOUT PRIOR APPROVAL OF THE DISTRICT. ALL NEWLY CONSTRUCTED RESIDENTIAL SANITARY SEWER TAPS SHALL USE PRE-MANUFACTURED, IN-LINE PVC PUSH-ON WYES. TAPPING SADDLES MAY ONLY BE USED FOR TAPPING PRE-EXISTING MAINS.
 39. ALL SANITARY SEWER MANHOLES SHALL BE WRAPPED WITH RUI16 - RUBR-NEK JOINT WRAP, OR APPROVAL EQUAL, AND COATED.
 40. COMMENCEMENT OF USE OF SEWER LINES AND/OR SYSTEMS:
 - A) NO SANITARY SEWER FACILITY SHALL BE PLACED IN SERVICE UNTIL THE COMPLETION OF ALL JET CLEANING, PRESSURE TESTING, VACUUM TESTING, CCTV INSPECTION, COMPACTION TESTING, AND AS-BUILT DRAWINGS ARE SUBMITTED AND APPROVED BY THE DISTRICT.
 - B) NO SANITARY SEWER FACILITY SHALL BE PLACED IN SERVICE UNTIL ALL SERVICE LINES ARE COMPLETED AND THE FIRST LIFT OF ASPHALT IS COMPLETED OVER THE LINE. IN THE CASE WHERE NO ASPHALT IS TO BE PLACED OVER THE LINE, ANY REQUIRED SURFACE IMPROVEMENTS SHALL BE COMPLETED PRIOR TO USE OF THE FACILITY.
 - C) ALL NECESSARY EASEMENTS (PLATTED OR DEEDED) ARE DEDICATED, EXECUTED BY THE DISTRICT, AND RECORDED.
 - D) DOWNSTREAM PLUG CAN BE REMOVED ONCE FIRST LIFT OF ASPHALT IS DOWN AND THE ABOVE REQUIREMENTS ARE MET.
- THE ABOVE GUIDELINES ARE SUBJECT TO CHANGE AT ANY TIME.



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UTILITY CONSTRUCTION PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

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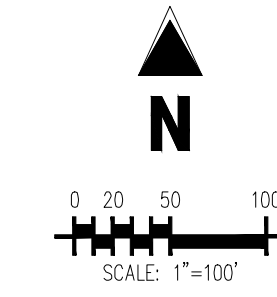
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| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CIM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

NOTES

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Project No: HRG02
 Drawn By: JDM, BLB, CJM
 Checked By: BAS, CMWJ
 Date: 03/15/2024

WATER KEY MAP



CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

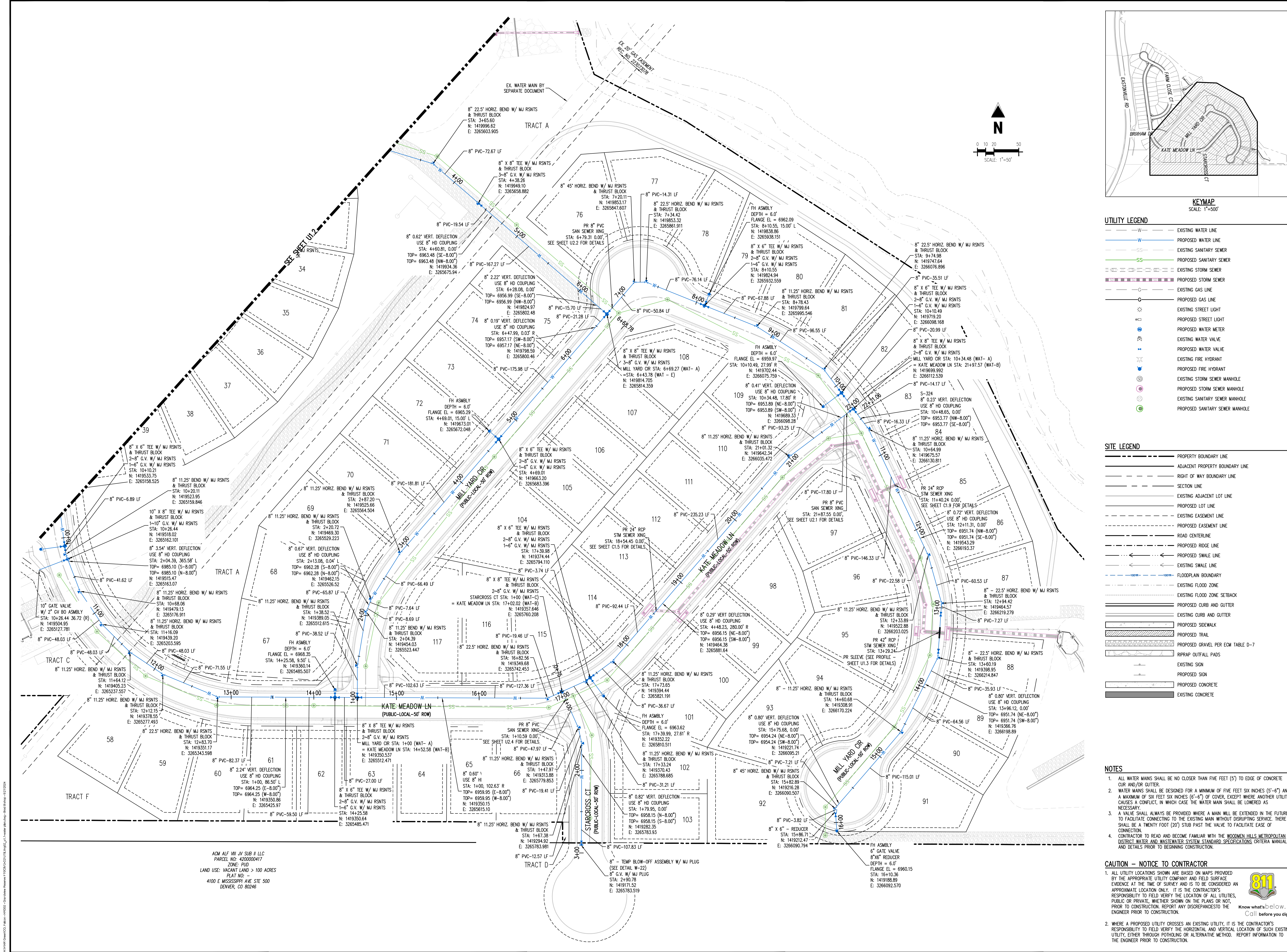
NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

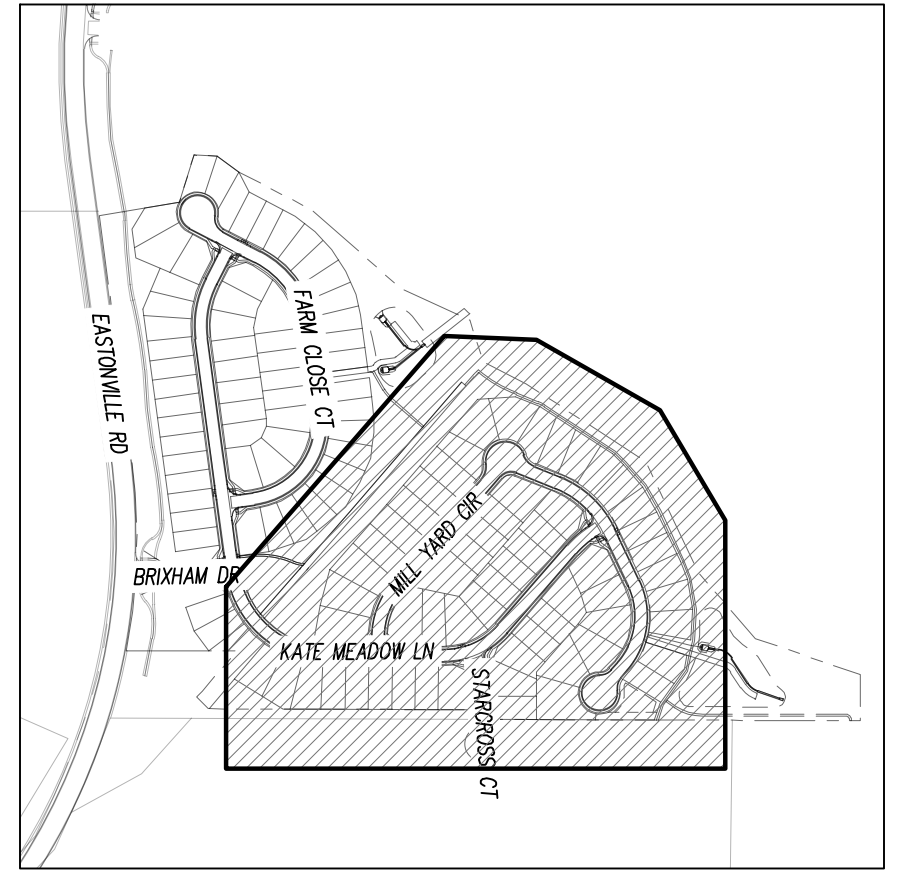
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- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-Holing OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

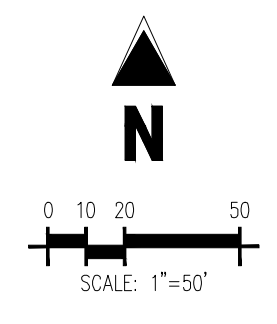




ACM ALF VII JV SUB II LLC
 PARCEL NO. 420000417
 ZONE PUD
 LAND USE: VACANT LAND > 100 ACRES
 PLAT NO.
 4100 E MISSISSIPPI AVE STE 500
 DENVER, CO 80246



KEYMAP
 SCALE: 1"=500'



UTILITY LEGEND

- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- SS — EXISTING SANITARY SEWER
- SS — PROPOSED SANITARY SEWER
- S — EXISTING STORM SEWER
- S — PROPOSED STORM SEWER
- G — EXISTING GAS LINE
- G — PROPOSED GAS LINE
- ⊙ EXISTING STREET LIGHT
- ⊙ PROPOSED STREET LIGHT
- ⊙ EXISTING WATER METER
- ⊙ PROPOSED WATER METER
- ⊙ EXISTING WATER VALVE
- ⊙ PROPOSED WATER VALVE
- ⊙ EXISTING FIRE HYDRANT
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- ⊙ EXISTING SANITARY SEWER MANHOLE
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SITE LEGEND

- — — — — PROPERTY BOUNDARY LINE
- — — — — ADJACENT PROPERTY BOUNDARY LINE
- — — — — RIGHT OF WAY BOUNDARY LINE
- — — — — SECTION LINE
- — — — — EXISTING ADJACENT LOT LINE
- — — — — PROPOSED LOT LINE
- — — — — EXISTING EASEMENT LINE
- — — — — PROPOSED EASEMENT LINE
- — — — — ROAD CENTERLINE
- — — — — PROPOSED RIDGE LINE
- — — — — EXISTING SWALE LINE
- — — — — PROPOSED SWALE LINE
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- — — — — EXISTING FLOOD ZONE SETBACK
- — — — — PROPOSED CURB AND GUTTER
- — — — — EXISTING CURB AND GUTTER
- — — — — PROPOSED SIDEWALK
- — — — — PROPOSED GRAVEL PER EDC TABLE D-7
- — — — — RIPRAP OUTFALL PADS
- — — — — EXISTING SIGN
- — — — — PROPOSED SIGN
- — — — — PROPOSED CONCRETE
- — — — — EXISTING CONCRETE

- NOTES**
- ALL WATER MAINS SHALL BE NO CLOSER THAN FIVE FEET (5') TO EDGE OF CONCRETE CUR AND/OR GUTTER.
 - WATER MAINS SHALL BE DESIGNED FOR A MINIMUM OF FIVE FEET SIX INCHES (5'-6") AND A MAXIMUM OF SIX FEET SIX INCHES (6'-6") OF COVER, EXCEPT WHERE ANOTHER UTILITY CAUSES A CONFLICT, IN WHICH CASE THE WATER MAIN SHALL BE LOWERED AS NECESSARY.
 - A VALVE SHALL ALWAYS BE PROVIDED WHERE A MAIN WILL BE EXTENDED IN THE FUTURE TO FACILITATE CONNECTING TO THE EXISTING MAIN WITHOUT DISRUPTING SERVICE. THERE SHALL BE A TWENTY FOOT (20') STUB PAST THE VALVE TO FACILITATE EASE OF CONNECTION.
 - CONTRACTOR TO READ AND BECOME FAMILIAR WITH THE WOODMEN HILLS METROPOLITAN DISTRICT WATER AND WASTEWATER SYSTEM STANDARD SPECIFICATIONS CRITERIA MANUAL AND DETAILS PRIOR TO BEGINNING CONSTRUCTION.

CAUTION - NOTICE TO CONTRACTOR

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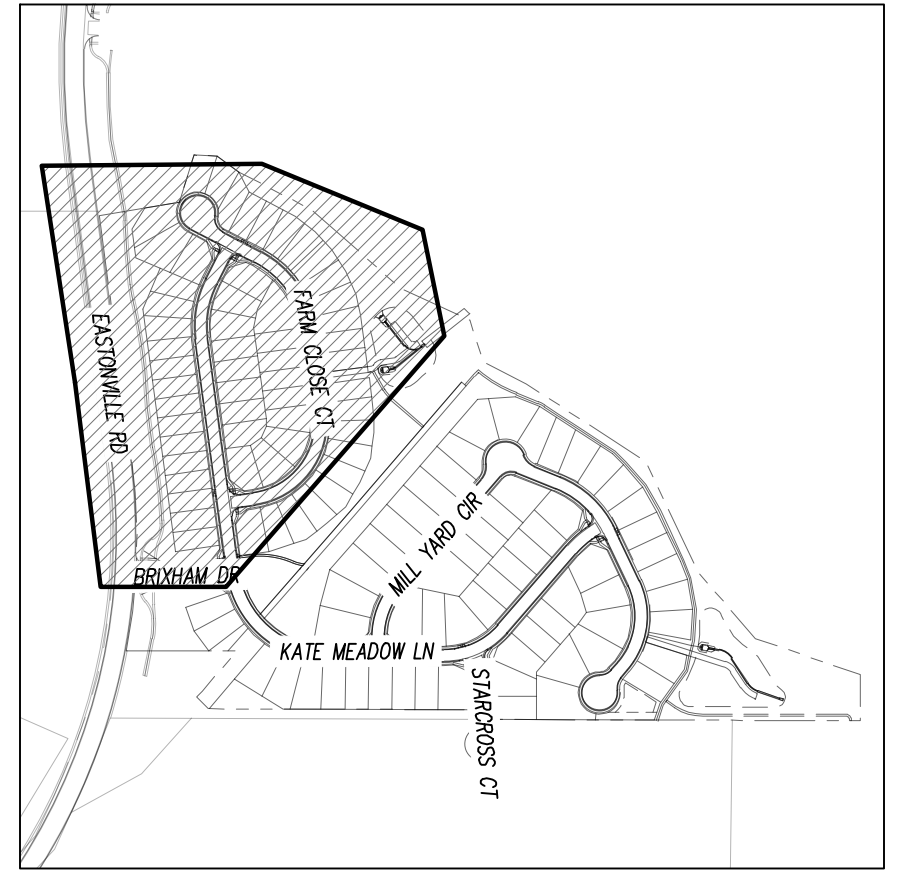
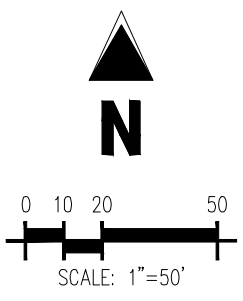
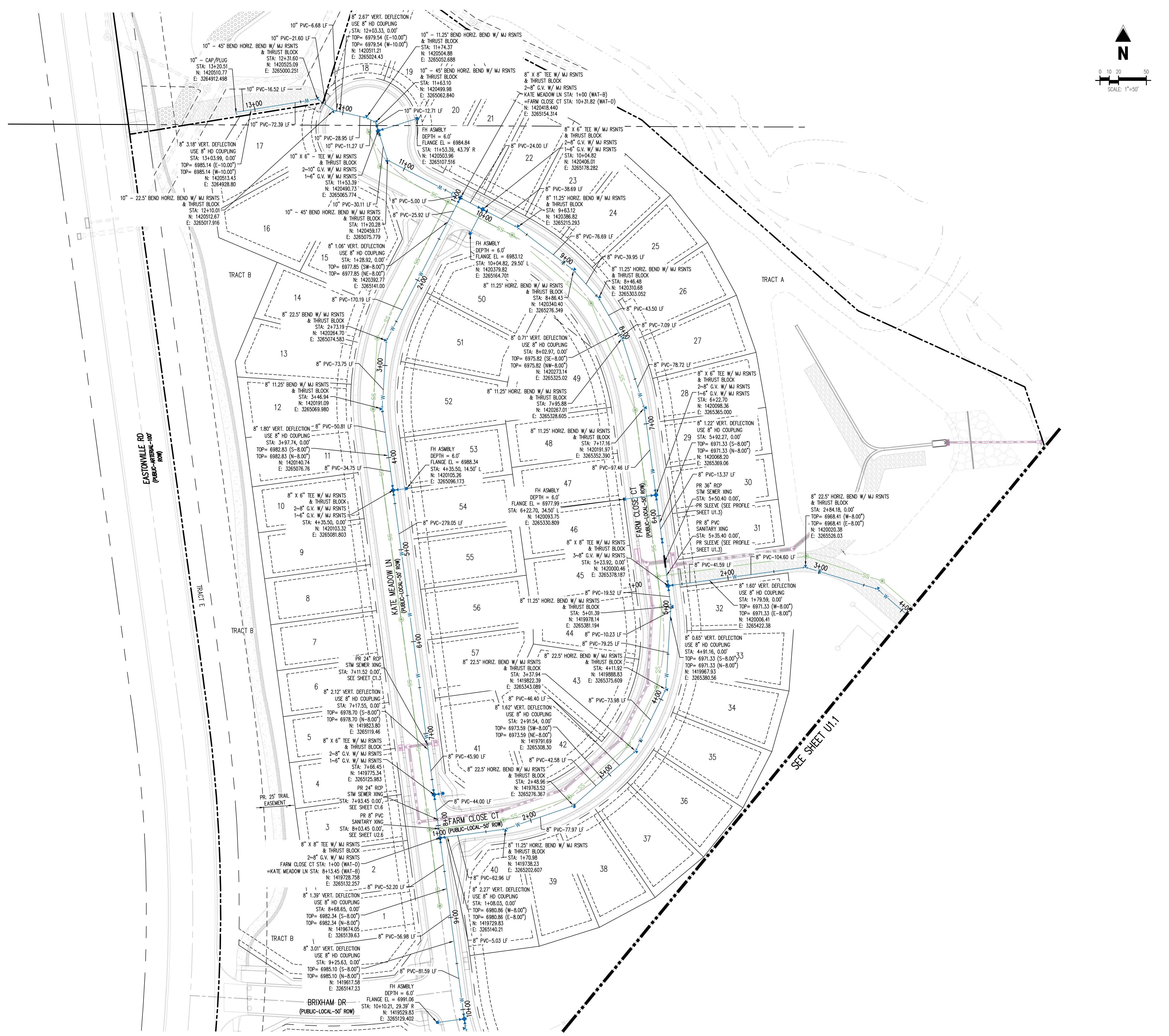
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Project No: HRC02
 Drawn By: JDM, BLB, CJM
 Checked By: BAS, CMWJ
 Date: 03/15/2024

WATER PLAN



KEYMAP
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- W- PROPOSED WATER LINE
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 - A VALVE SHALL ALWAYS BE PROVIDED WHERE A MAIN WILL BE EXTENDED IN THE FUTURE TO FACILITATE CONNECTING TO THE EXISTING MAIN WITHOUT DISRUPTING SERVICE. THERE SHALL BE A TWENTY FOOT (20') STUB PAST THE VALVE TO FACILITATE EASE OF CONNECTION.
 - CONTRACTOR TO READ AND BECOME FAMILIAR WITH THE WOODMEN HILLS METROPOLITAN DISTRICT WATER AND WASTEWATER SYSTEM STANDARD SPECIFICATIONS, CRITERIA MANUAL AND DETAILS PRIOR TO BEGINNING CONSTRUCTION.

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2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-Holing OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Know what's below. Call before you dig.

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D.R. HORTON
America's Builder

**UTILITY CONSTRUCTION PLANS
GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
SF2311**

**EASTONVILLE RD & REX RD
EL PASO COUNTY, FALCON, CO 80831**

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Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

WATER PLAN

U1.2
Sheet 6 of 27

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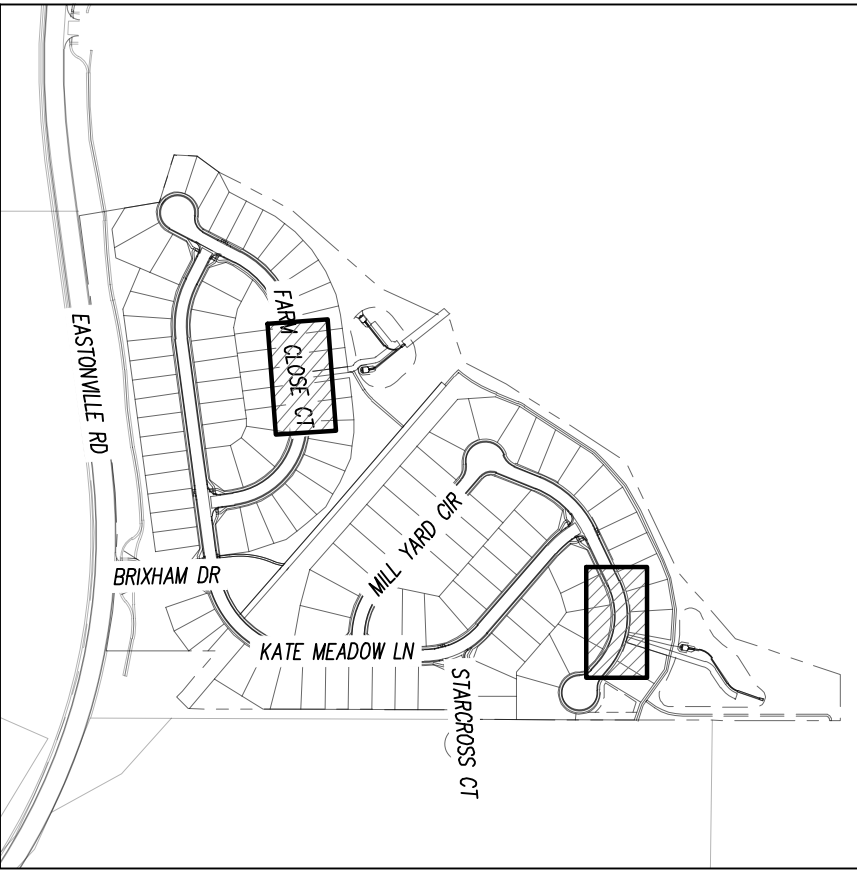
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| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

**WATER LOWERING
PROFILES**

U1.3
Sheet 7 of 27



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- S — EXISTING SANITARY SEWER
- S — PROPOSED SANITARY SEWER
- S — EXISTING STORM SEWER
- S — PROPOSED STORM SEWER
- G — EXISTING GAS LINE
- G — PROPOSED GAS LINE
- SL — EXISTING STREET LIGHT
- SL — PROPOSED STREET LIGHT
- WM — EXISTING WATER METER
- WM — PROPOSED WATER METER
- V — EXISTING WATER VALVE
- V — PROPOSED WATER VALVE
- FH — EXISTING FIRE HYDRANT
- FH — PROPOSED FIRE HYDRANT
- MS — EXISTING STORM SEWER MANHOLE
- MS — PROPOSED STORM SEWER MANHOLE
- MS — EXISTING SANITARY SEWER MANHOLE
- MS — PROPOSED SANITARY SEWER MANHOLE

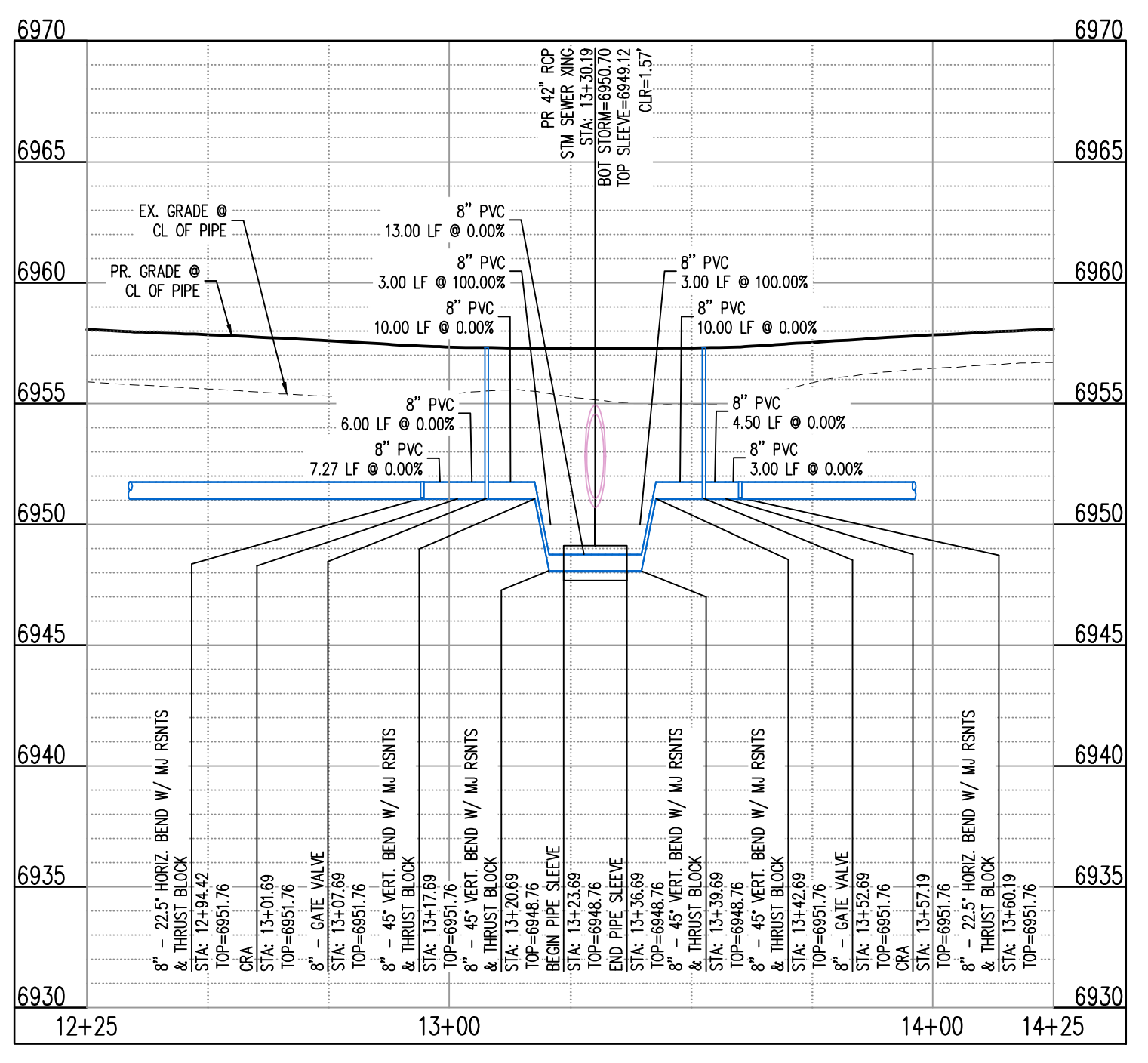
SITE LEGEND

- — — — — PROPERTY BOUNDARY LINE
- — — — — ADJACENT PROPERTY BOUNDARY LINE
- — — — — RIGHT OF WAY BOUNDARY LINE
- — — — — SECTION LINE
- — — — — EXISTING ADJACENT LOT LINE
- — — — — PROPOSED LOT LINE
- — — — — EXISTING EASEMENT LINE
- — — — — PROPOSED EASEMENT LINE
- — — — — ROAD CENTERLINE
- — — — — PROPOSED RIDGE LINE
- — — — — PROPOSED SWALE LINE
- — — — — EXISTING SWALE LINE
- — — — — FLOODPLAIN BOUNDARY
- — — — — EXISTING FLOOD ZONE
- — — — — EXISTING FLOOD ZONE SETBACK
- — — — — PROPOSED CURB AND GUTTER
- — — — — EXISTING CURB AND GUTTER
- — — — — PROPOSED SIDEWALK
- — — — — EXISTING SIDEWALK
- — — — — PROPOSED TRAIL
- — — — — PROPOSED GRAVEL PER EDC TABLE D-7
- — — — — RIPRAP OUTFALL PADS
- — — — — EXISTING SIGN
- — — — — PROPOSED SIGN
- — — — — PROPOSED CONCRETE
- — — — — EXISTING CONCRETE

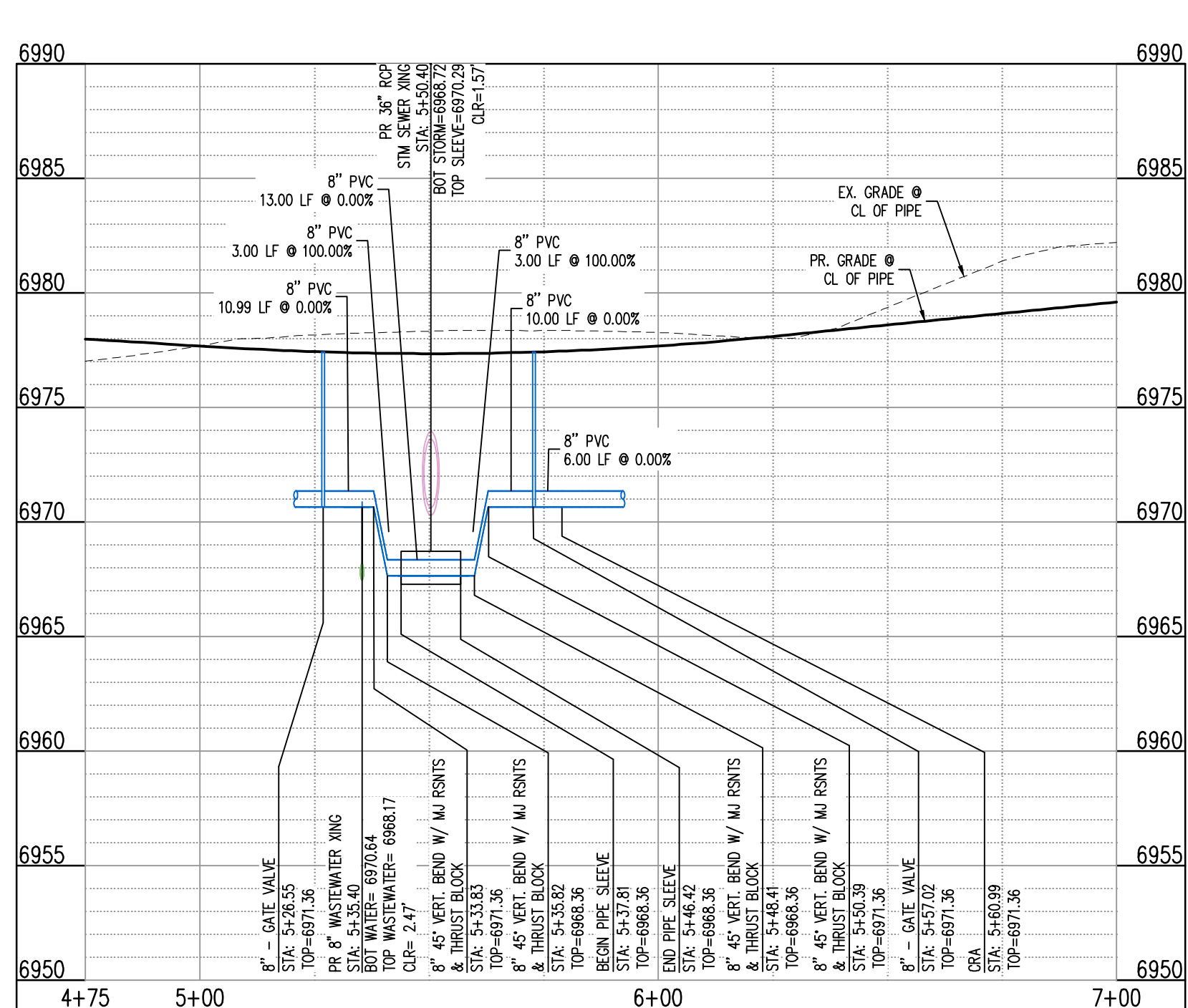
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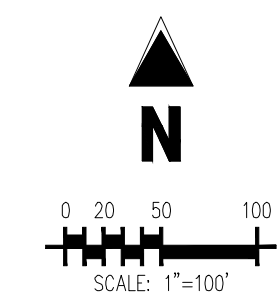


WAT-A (STA: 12+25 TO 14+25) - SCALE: H: 1"=30' V: 1"=6'



WAT-D (STA: 4+75 TO 7+00) - SCALE: H: 1"=30' V: 1"=6'

C:\Users\jcm\OneDrive\Desktop\HRG02\Drawings\Utility\U1.3 - Water Lowering Profiles.dwg, Sheet 8 of 24



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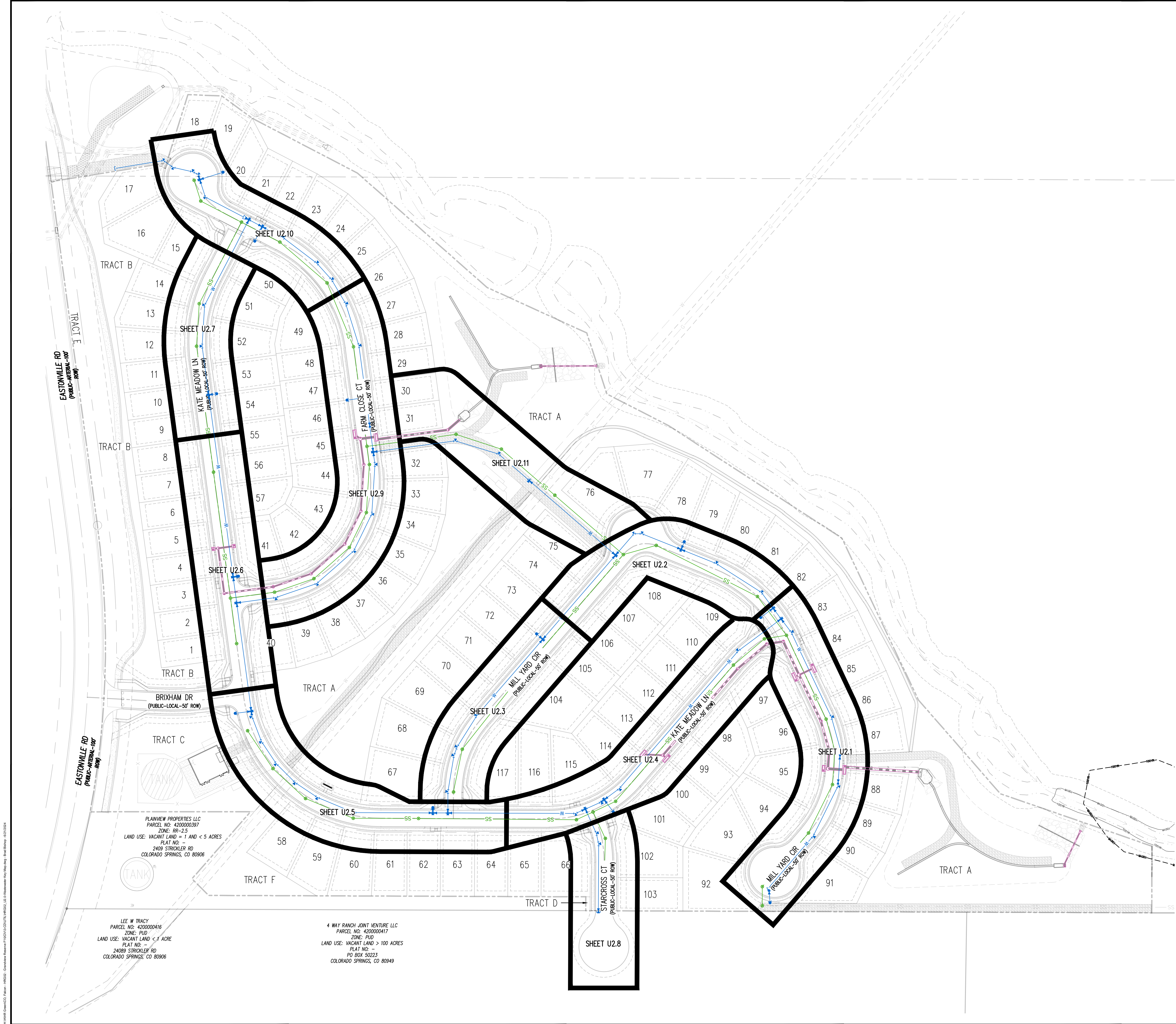
EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

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| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

WASTEWATER KEY MAP

U2.0
 Sheet 8 of 27



PLANVIEW PROPERTIES LLC
 PARCEL NO: 420000397
 ZONE: R9-2.5
 LAND USE: VACANT LAND = 1 AND < 5 ACRES
 PLAT NO: 2409 STROCKLER RD
 COLORADO SPRINGS, CO 80906

LEE W TRACY
 PARCEL NO: 420000416
 ZONE: PUD
 LAND USE: VACANT LAND < 1 ACRE
 PLAT NO: 2409 STROCKLER RD
 COLORADO SPRINGS, CO 80906

4 WAY RANCH JOINT VENTURE LLC
 PARCEL NO: 420000417
 ZONE: PUD
 LAND USE: VACANT LAND > 100 ACRES
 PLAT NO: PO BOX 50223
 COLORADO SPRINGS, CO 80949

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

- CAUTION - NOTICE TO CONTRACTOR**
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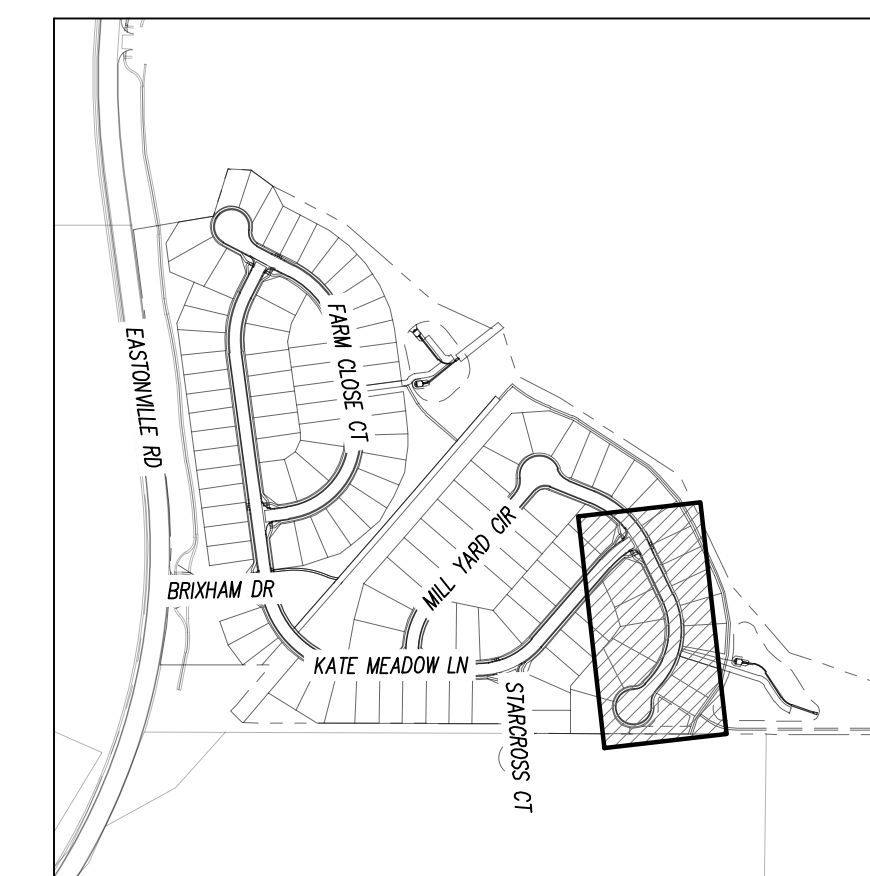
UTILITY CONSTRUCTION PLANS
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| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

WASTEWATER P&P

U2.1
 Sheet 9 of 27



KEYMAP
 SCALE: 1"=500'

UTILITY LEGEND

- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING STREET LIGHT
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE

SITE LEGEND

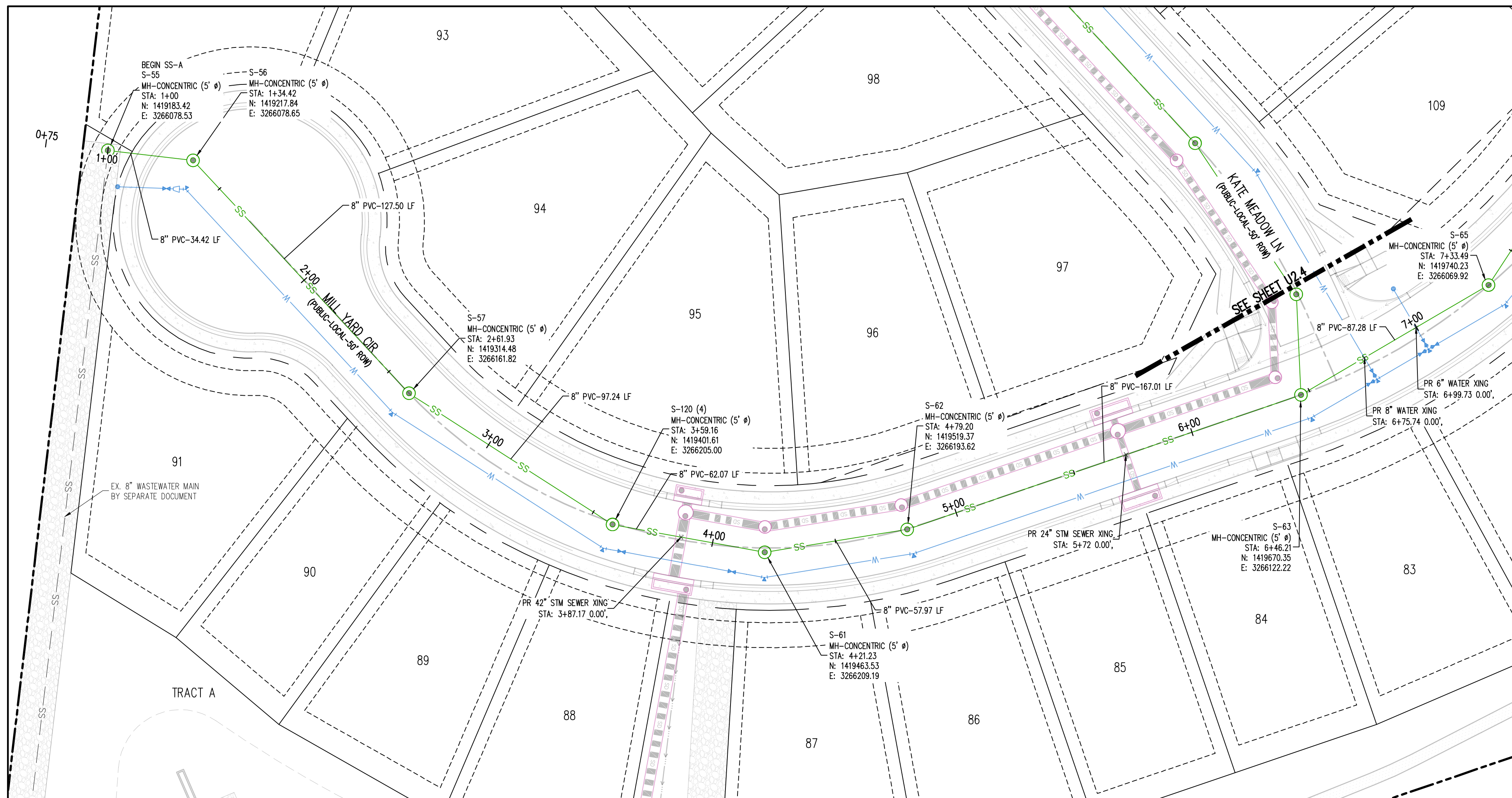
- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY BOUNDARY LINE
- SECTION LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- ROAD CENTERLINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FLOOD ZONE
- EXISTING FLOOD ZONE SETBACK
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER EGM TABLE D-7
- RIPRAP OUTFALL PADS
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED CONCRETE
- EXISTING CONCRETE

NOTES

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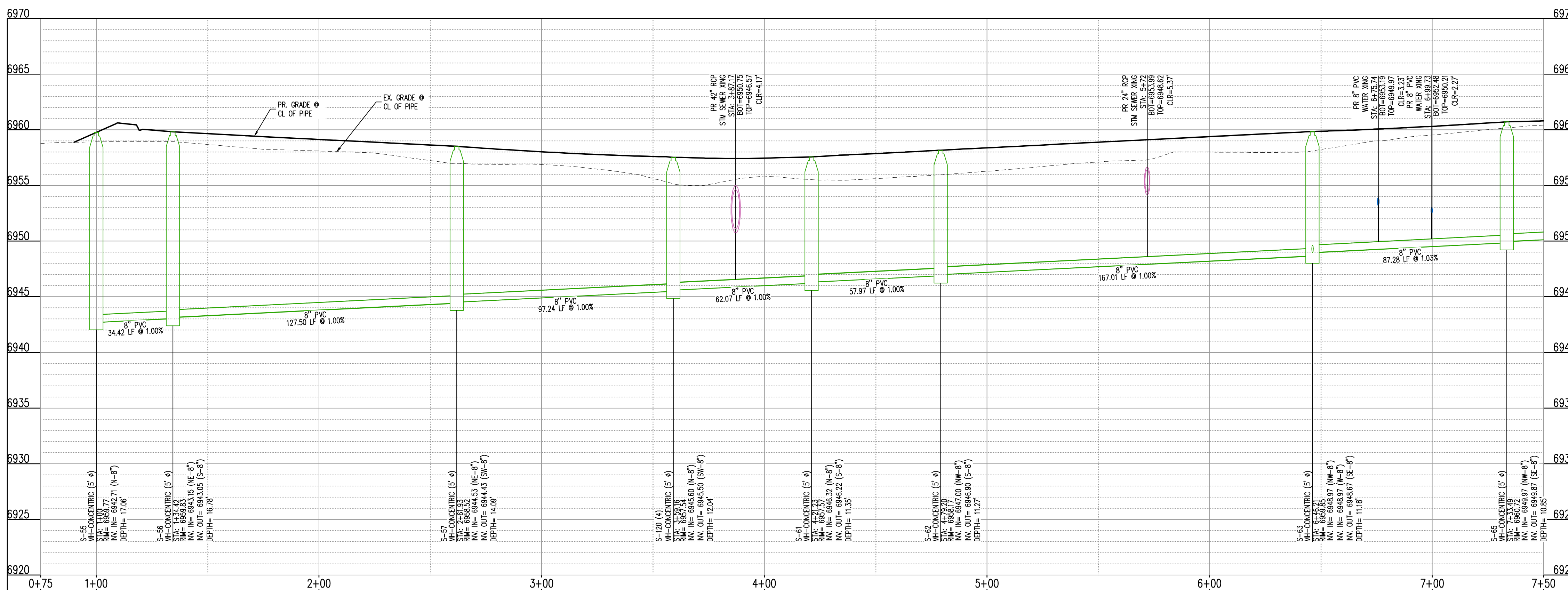
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SANITARY SEWER LINE PLAN: SS-A (STA: 0+75 - 7+50)

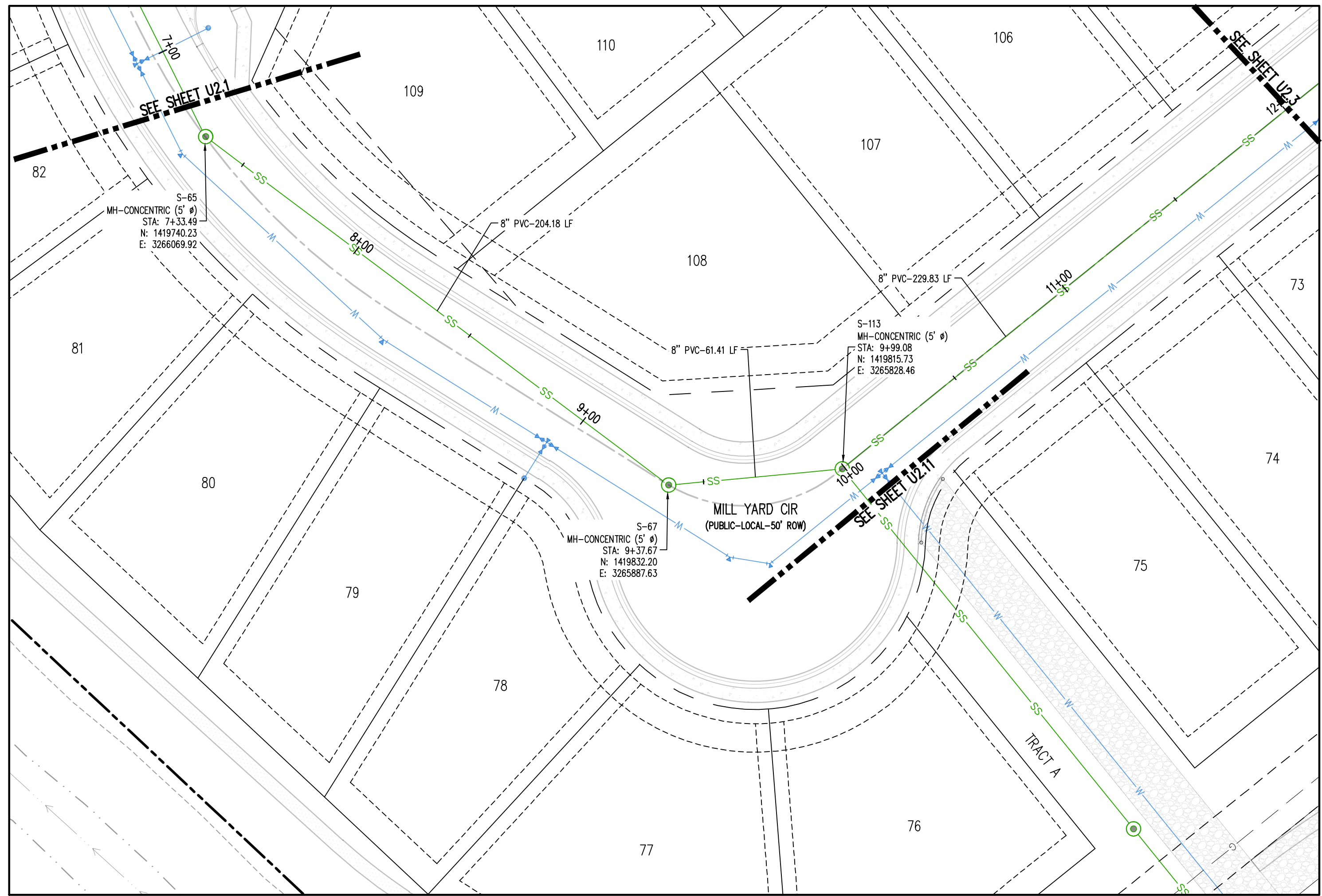
SCALE: 1"=30'



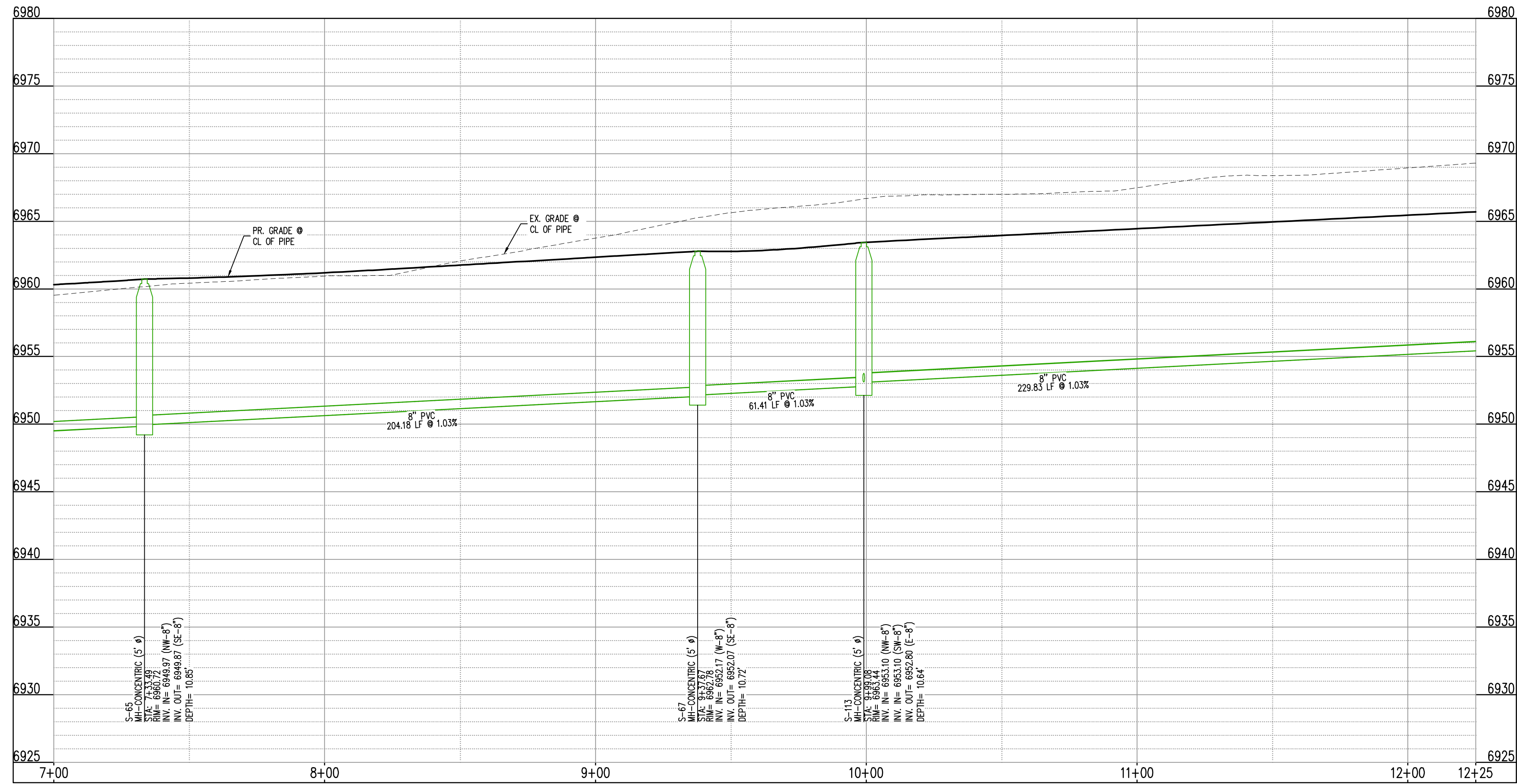
SANITARY SEWER LINE PROFILE: SS-A (STA: 0+75 - 7+50)

SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

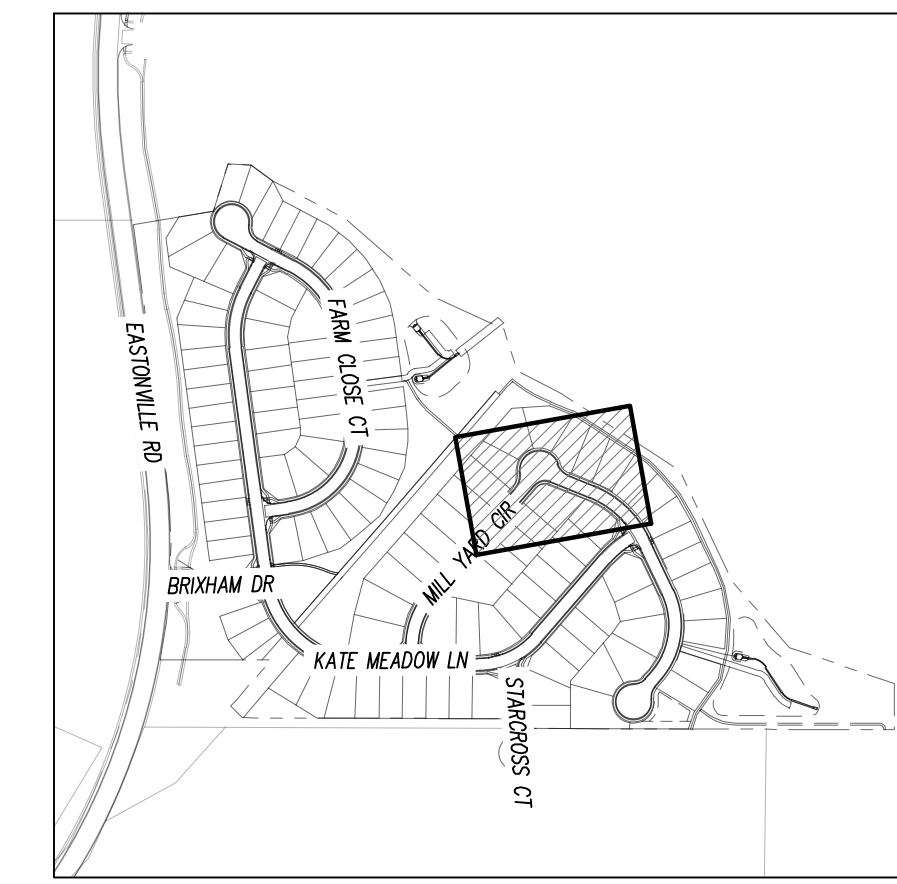
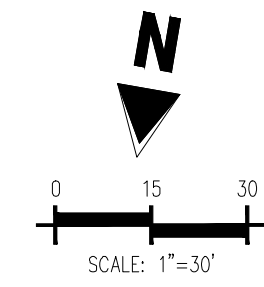
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SANITARY SEWER LINE PLAN: SS-A (STA: 7+00 - 12+25)
SCALE: 1"=30'



SANITARY SEWER LINE PROFILE: SS-A (STA: 7+00 - 12+25)
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

| | |
|--|---------------------------------|
| | EXISTING WATER LINE |
| | PROPOSED WATER LINE |
| | EXISTING SANITARY SEWER |
| | PROPOSED SANITARY SEWER |
| | EXISTING STORM SEWER |
| | PROPOSED STORM SEWER |
| | EXISTING GAS LINE |
| | PROPOSED GAS LINE |
| | EXISTING STREET LIGHT |
| | PROPOSED STREET LIGHT |
| | EXISTING WATER METER |
| | PROPOSED WATER METER |
| | EXISTING WATER VALVE |
| | PROPOSED WATER VALVE |
| | EXISTING FIRE HYDRANT |
| | PROPOSED FIRE HYDRANT |
| | EXISTING STORM SEWER MANHOLE |
| | PROPOSED STORM SEWER MANHOLE |
| | EXISTING SANITARY SEWER MANHOLE |
| | PROPOSED SANITARY SEWER MANHOLE |

SITE LEGEND

| | |
|--|-----------------------------------|
| | PROPERTY BOUNDARY LINE |
| | ADJACENT PROPERTY BOUNDARY LINE |
| | RIGHT OF WAY BOUNDARY LINE |
| | SECTION LINE |
| | EXISTING ADJACENT LOT LINE |
| | PROPOSED LOT LINE |
| | EXISTING EASEMENT LINE |
| | PROPOSED EASEMENT LINE |
| | ROAD CENTERLINE |
| | PROPOSED RIDGE LINE |
| | PROPOSED SWALE LINE |
| | EXISTING SWALE LINE |
| | FLOODPLAIN BOUNDARY |
| | EXISTING FLOOD ZONE |
| | EXISTING FLOOD ZONE SETBACK |
| | PROPOSED CURB AND GUTTER |
| | EXISTING CURB AND GUTTER |
| | PROPOSED SIDEWALK |
| | PROPOSED TRAIL |
| | PROPOSED GRAVEL PER EDM TABLE D-7 |
| | RIPRAP OUTFALL PADS |
| | EXISTING SIGN |
| | PROPOSED SIGN |
| | PROPOSED CONCRETE |
| | EXISTING CONCRETE |

NOTES

- ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

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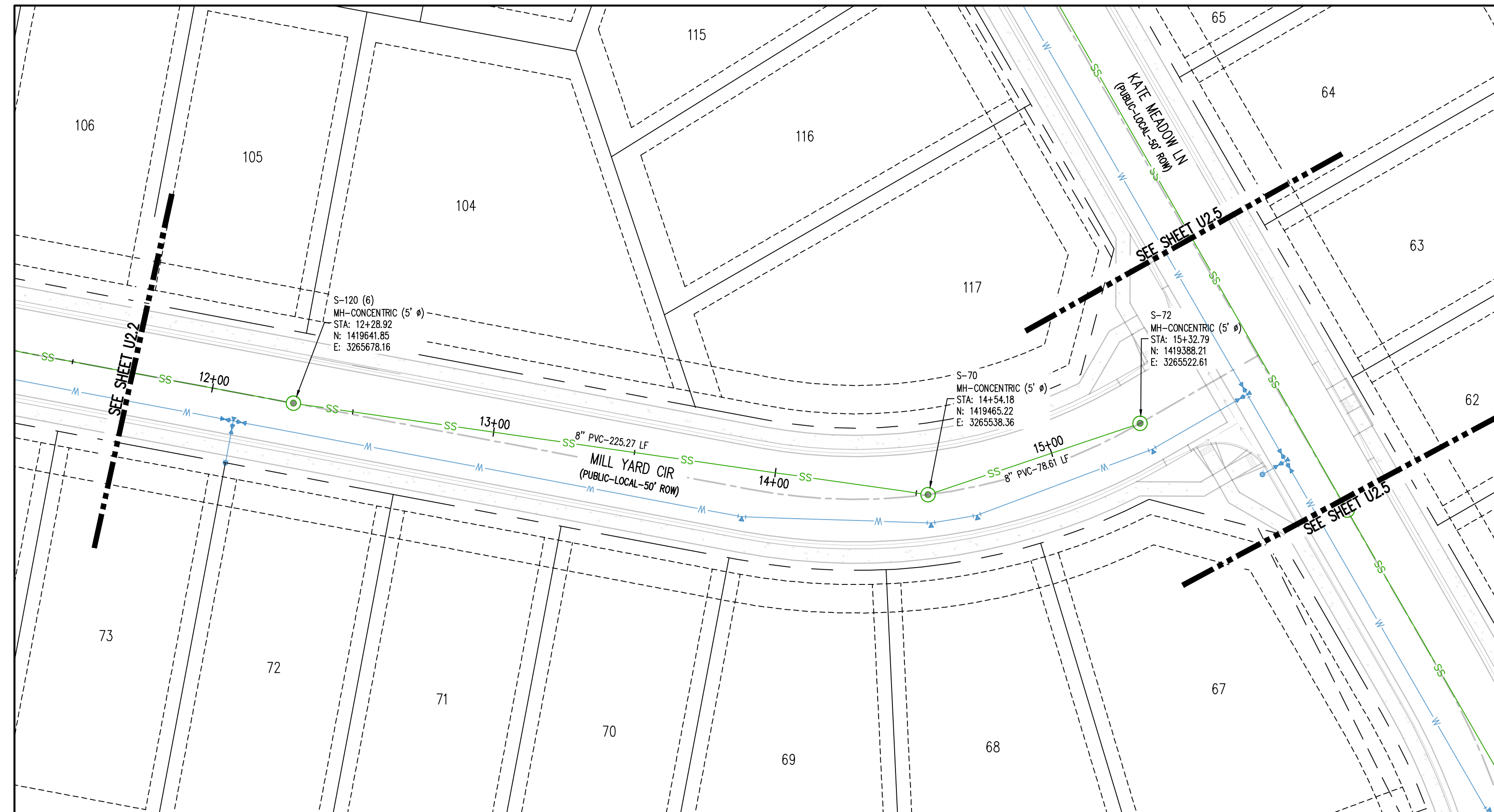
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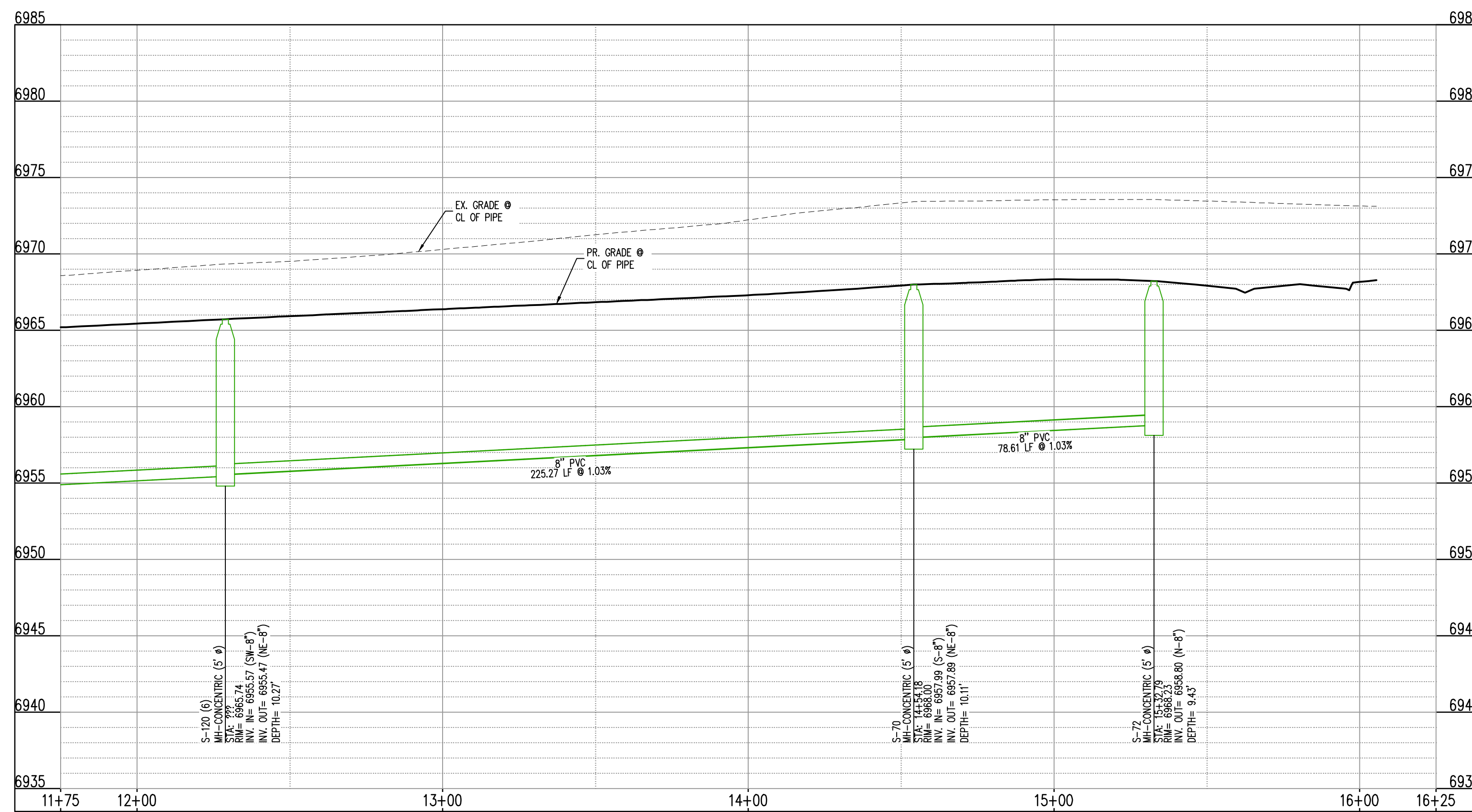
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Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

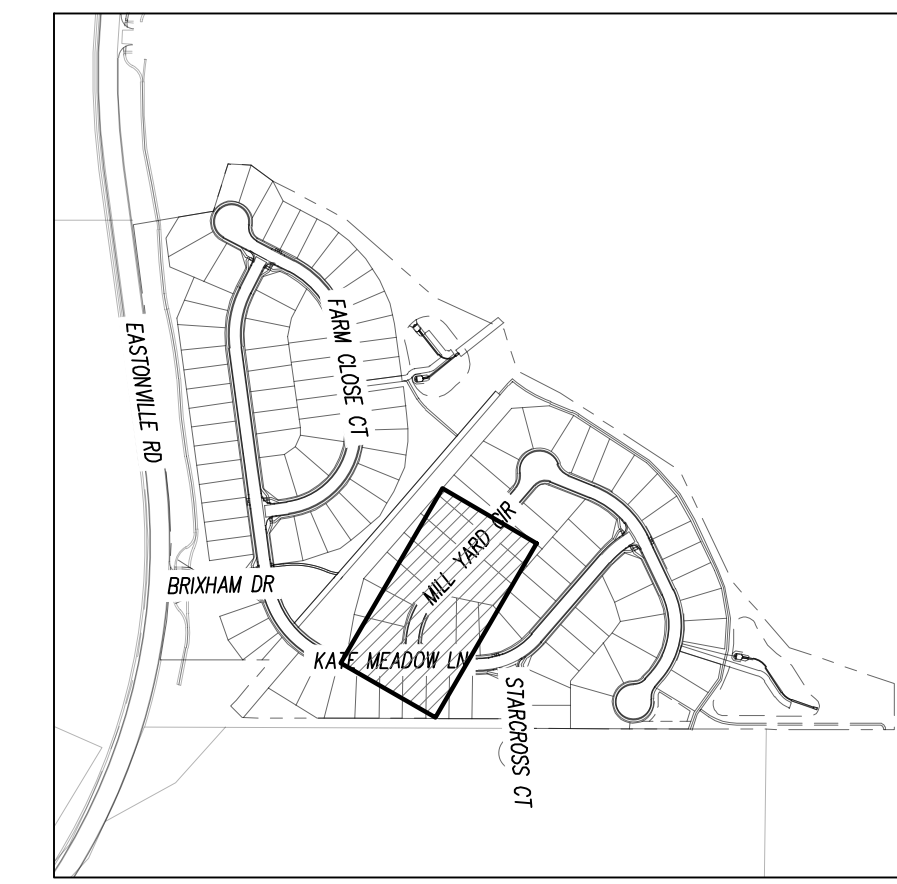
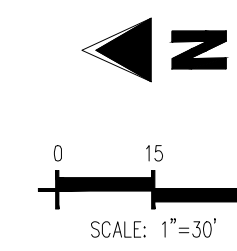
WASTEWATER P&P



SANITARY SEWER LINE PLAN: SS-A (STA: 11+75 - 16+25)
SCALE: 1"=30'



SANITARY SEWER LINE PROFILE: SS-A (STA: 11+75 - 16+25)
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- PROPOSED WATER METER
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE

SITE LEGEND

- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY BOUNDARY LINE
- SECTION LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- ROAD CENTERLINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FLOOD ZONE
- EXISTING FLOOD ZONE SETBACK
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER EDM TABLE D-7
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- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED CONCRETE
- EXISTING CONCRETE

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- ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

CAUTION - NOTICE TO CONTRACTOR

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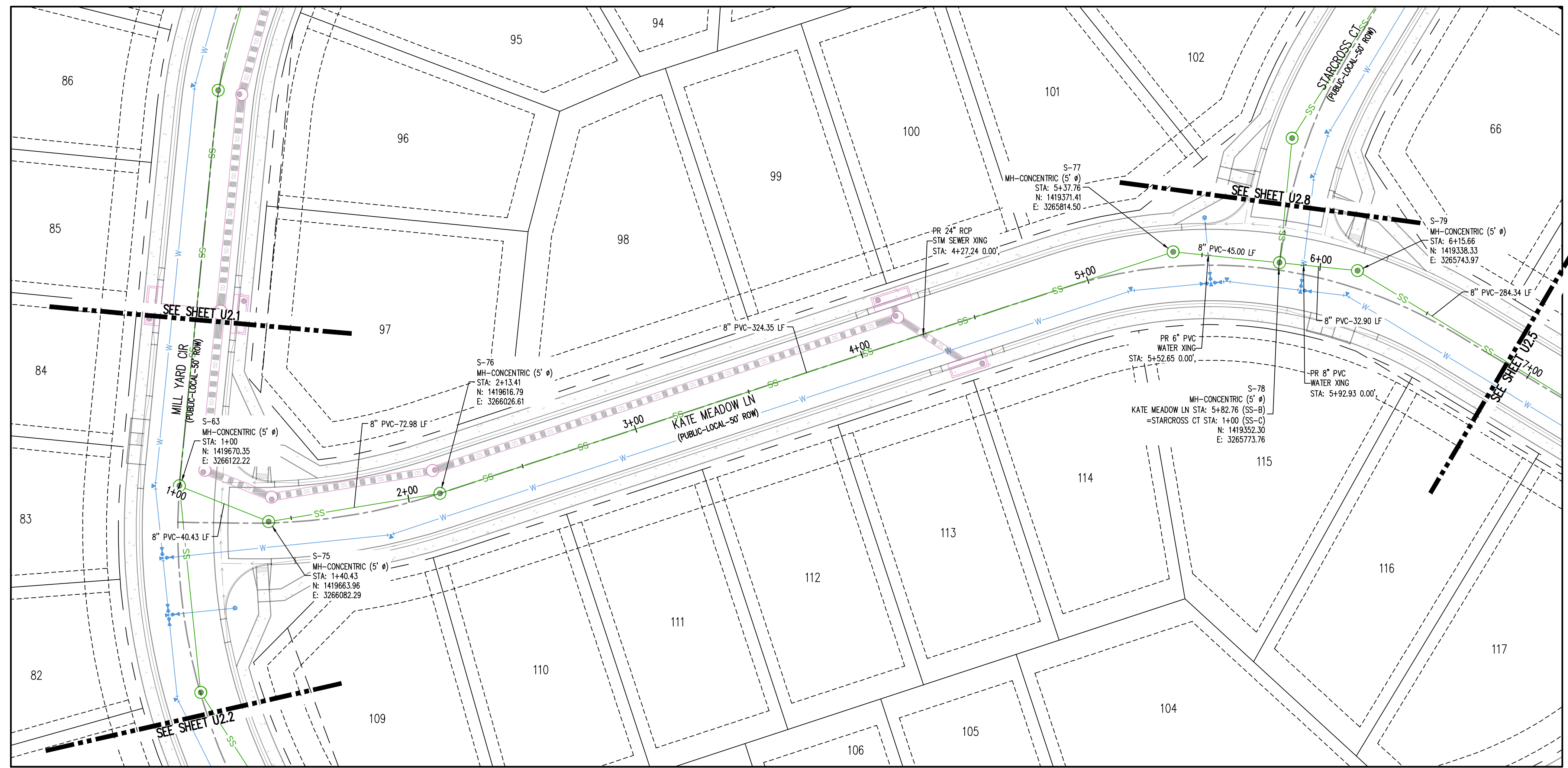


Know what's below.
Call before you dig.

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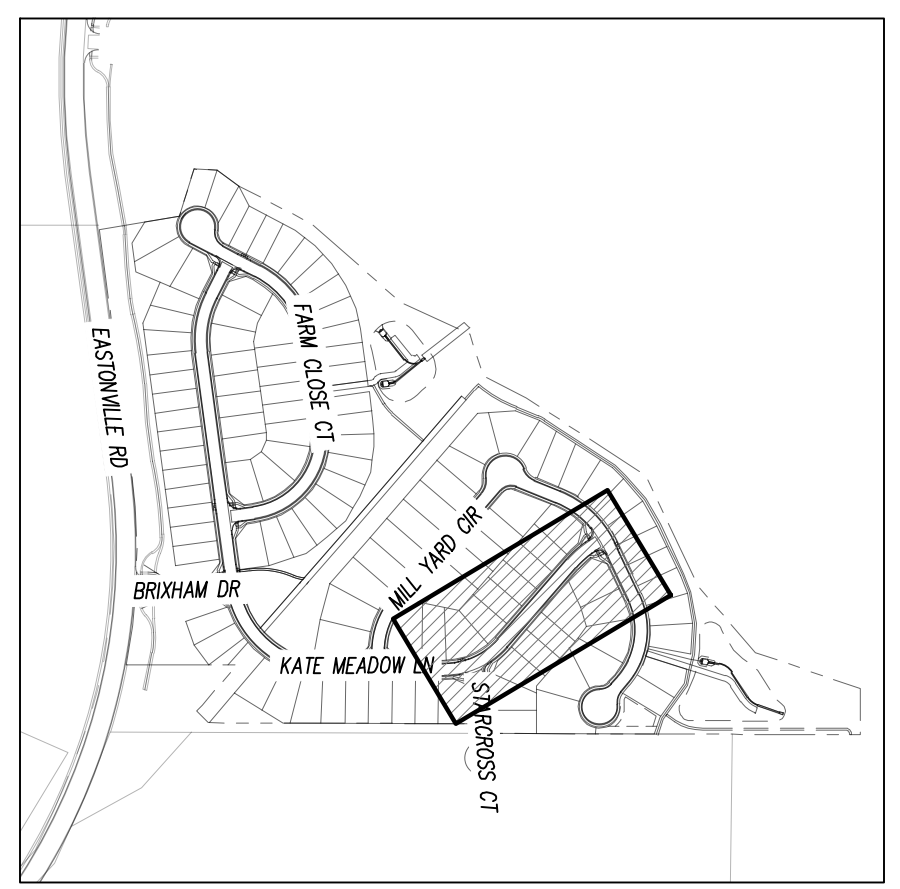
Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

WASTEWATER P&P



SANITARY SEWER LINE PLAN: SS-B (STA: 0+75 - 7+00)

SCALE: 1"=30'



KEYMAP

SCALE: 1"=500'

UTILITY LEGEND

- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- S-S — EXISTING SANITARY SEWER
- S-S — PROPOSED SANITARY SEWER
- S-S — EXISTING STORM SEWER
- S-S — PROPOSED STORM SEWER
- G — EXISTING GAS LINE
- G — PROPOSED GAS LINE
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- EXISTING WATER METER
- PROPOSED WATER METER
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EXISTING STORM SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE

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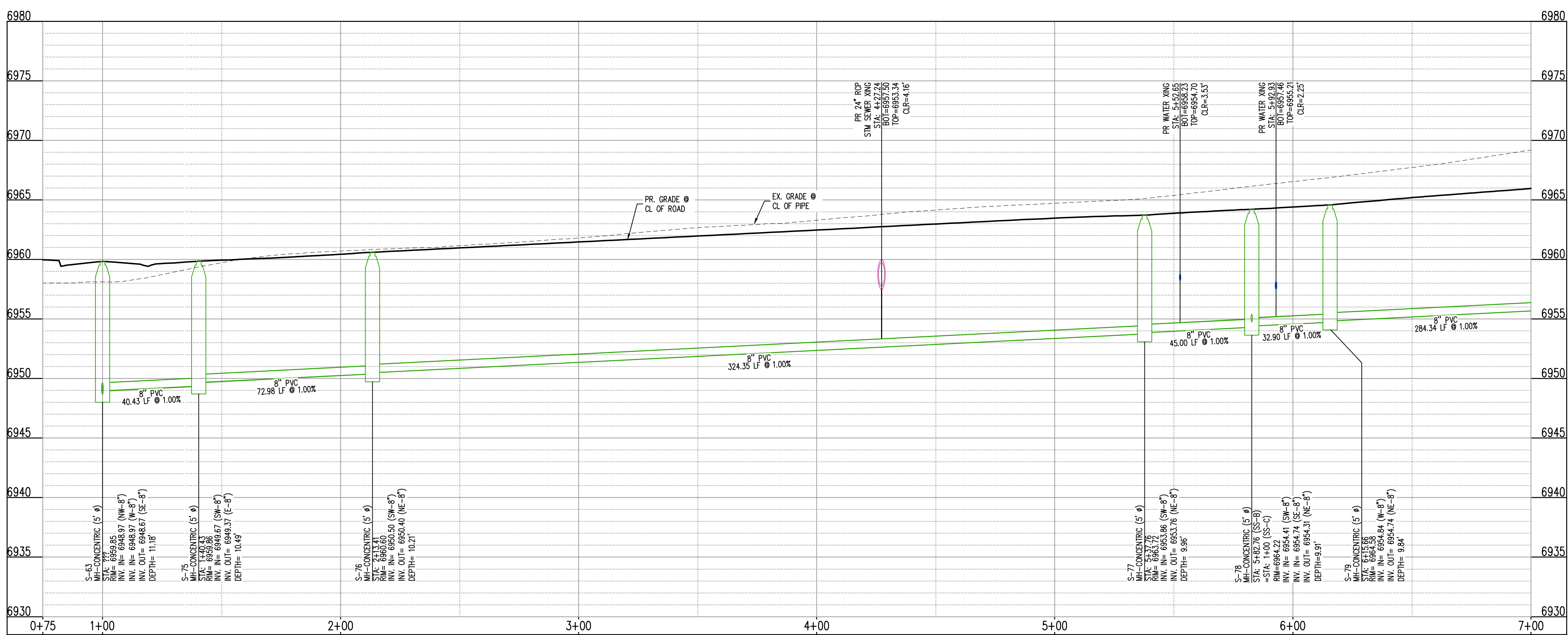
D-R-HORTON
 America's Builder

UTILITY CONSTRUCTION PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

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Project No: HRG02
 Drawn By: JDM, BLB, CJM
 Checked By: BAS, CMWJ
 Date: 03/15/2024
WASTEWATER P&P

U2.4
 Sheet 12 of 27



SANITARY SEWER LINE PROFILE: SS-B (STA: 0+75 - 7+00)

SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'

SITE LEGEND

- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY BOUNDARY LINE
- SECTION LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- ROAD CENTERLINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FLOOD ZONE
- EXISTING FLOOD ZONE SETBACK
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER EDM TABLE D-7
- RIPRAP OUTFALL PADS
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED CONCRETE
- EXISTING CONCRETE

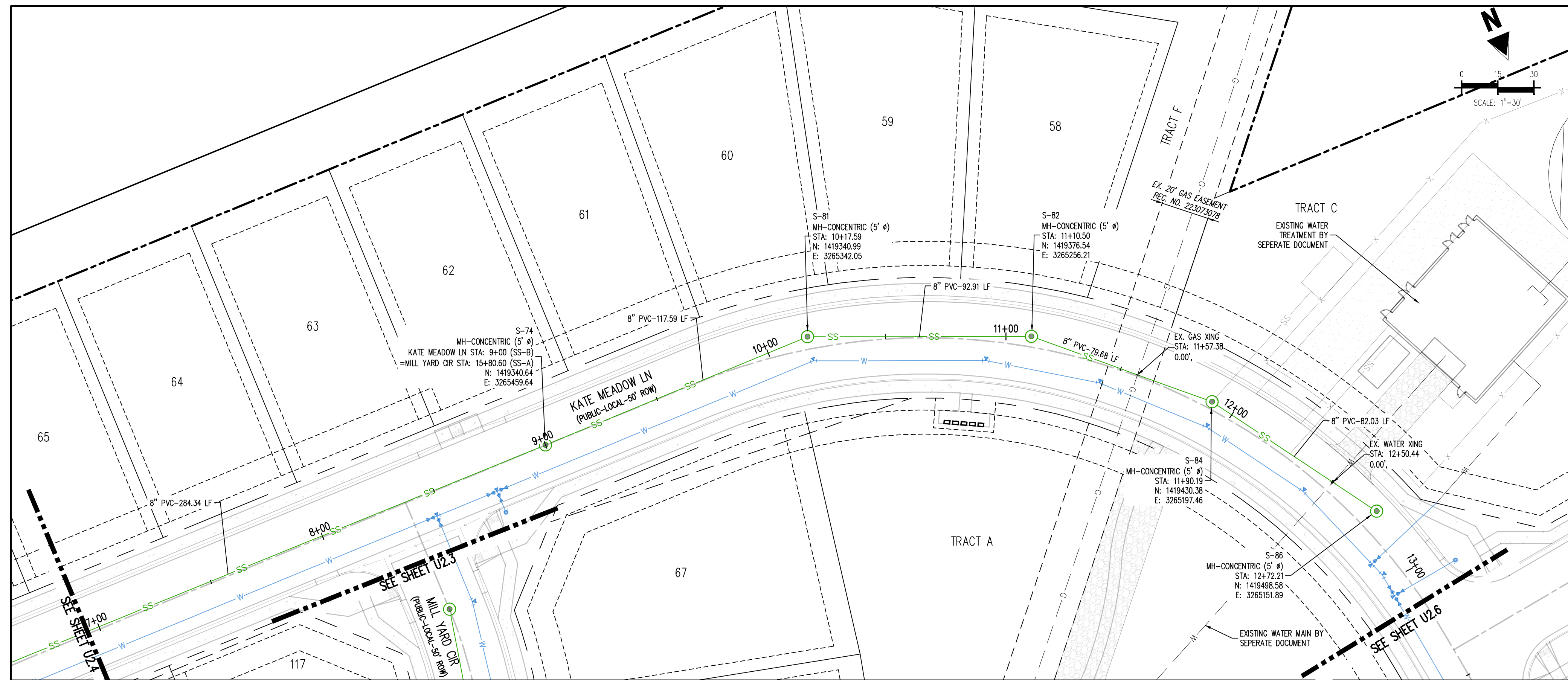
NOTES

1. ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

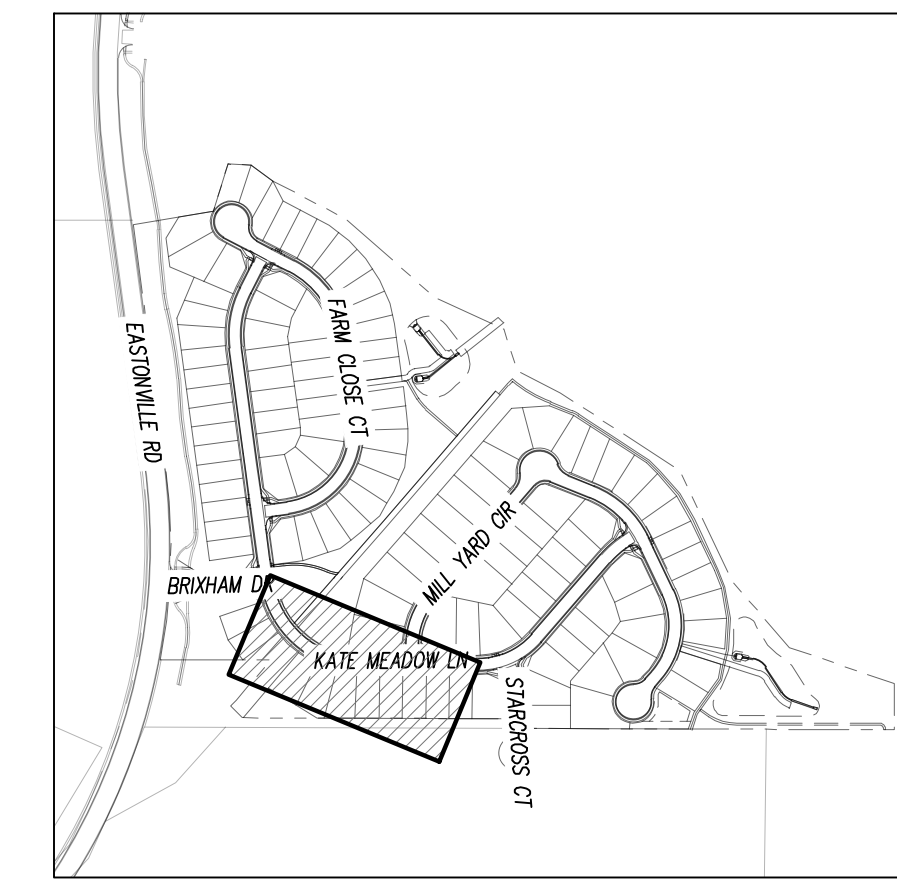
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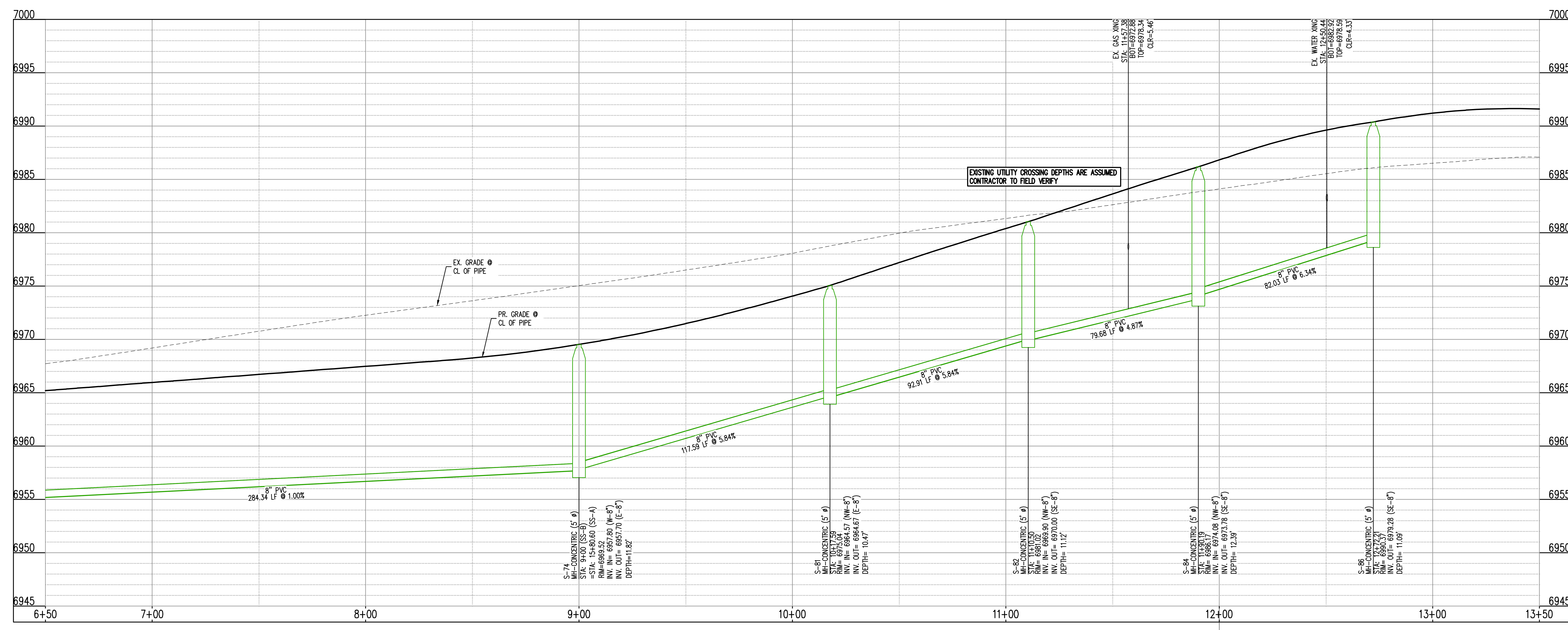


SANITARY SEWER LINE PLAN: SS-B (STA: 6+50 - 13+50)
SCALE: 1"=30'



KEYMAP
SCALE: 1"=500'

| UTILITY LEGEND | |
|----------------|---------------------------------|
| | EXISTING WATER LINE |
| | PROPOSED WATER LINE |
| | EXISTING SANITARY SEWER |
| | PROPOSED SANITARY SEWER |
| | EXISTING STORM SEWER |
| | PROPOSED STORM SEWER |
| | EXISTING GAS LINE |
| | PROPOSED GAS LINE |
| | EXISTING STREET LIGHT |
| | PROPOSED STREET LIGHT |
| | EXISTING WATER METER |
| | PROPOSED WATER METER |
| | EXISTING WATER VALVE |
| | PROPOSED WATER VALVE |
| | EXISTING FIRE HYDRANT |
| | PROPOSED FIRE HYDRANT |
| | EXISTING STORM SEWER MANHOLE |
| | PROPOSED STORM SEWER MANHOLE |
| | EXISTING SANITARY SEWER MANHOLE |
| | PROPOSED SANITARY SEWER MANHOLE |



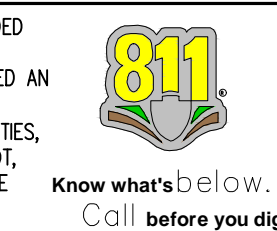
SANITARY SEWER LINE PROFILE: SS-B (STA: 6+50 - 13+50)
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

| SITE LEGEND | |
|-------------|-----------------------------------|
| | PROPERTY BOUNDARY LINE |
| | ADJACENT PROPERTY BOUNDARY LINE |
| | RIGHT OF WAY BOUNDARY LINE |
| | SECTION LINE |
| | EXISTING ADJACENT LOT LINE |
| | PROPOSED LOT LINE |
| | EXISTING EASEMENT LINE |
| | PROPOSED EASEMENT LINE |
| | ROAD CENTERLINE |
| | PROPOSED RIDGE LINE |
| | PROPOSED SWALE LINE |
| | EXISTING SWALE LINE |
| | FLOODPLAIN BOUNDARY |
| | EXISTING FLOOD ZONE |
| | EXISTING FLOOD ZONE SETBACK |
| | PROPOSED CURB AND GUTTER |
| | EXISTING CURB AND GUTTER |
| | PROPOSED SIDEWALK |
| | PROPOSED TRAIL |
| | PROPOSED GRAVEL PER EDC TABLE D-7 |
| | RIPRAP OUTFALL PADS |
| | EXISTING SIGN |
| | PROPOSED SIGN |
| | PROPOSED CONCRETE |
| | EXISTING CONCRETE |

NOTES
1. ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

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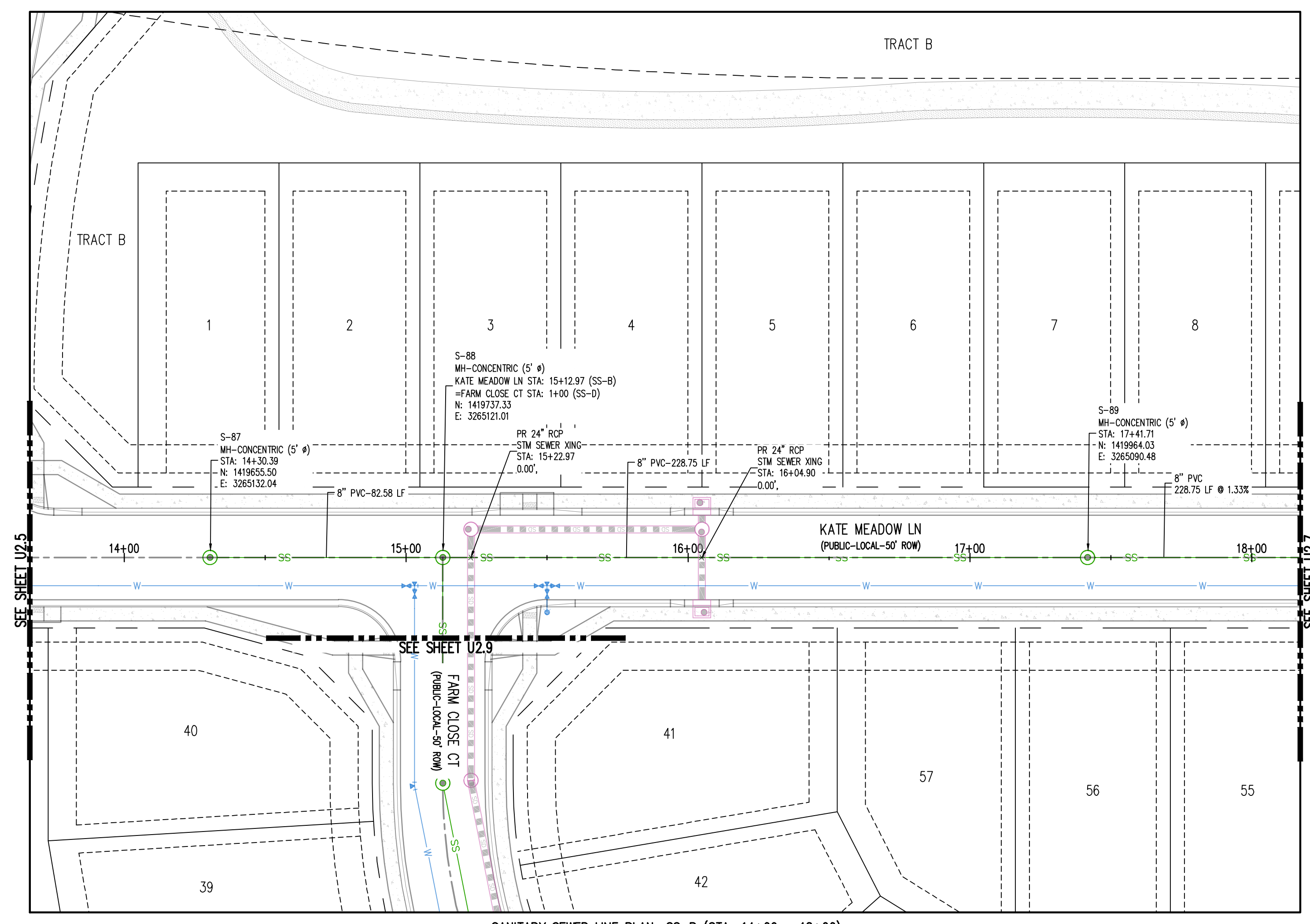
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GRANDVIEW RESERVE FILING NO. 1
MELODY HOMES, INC.
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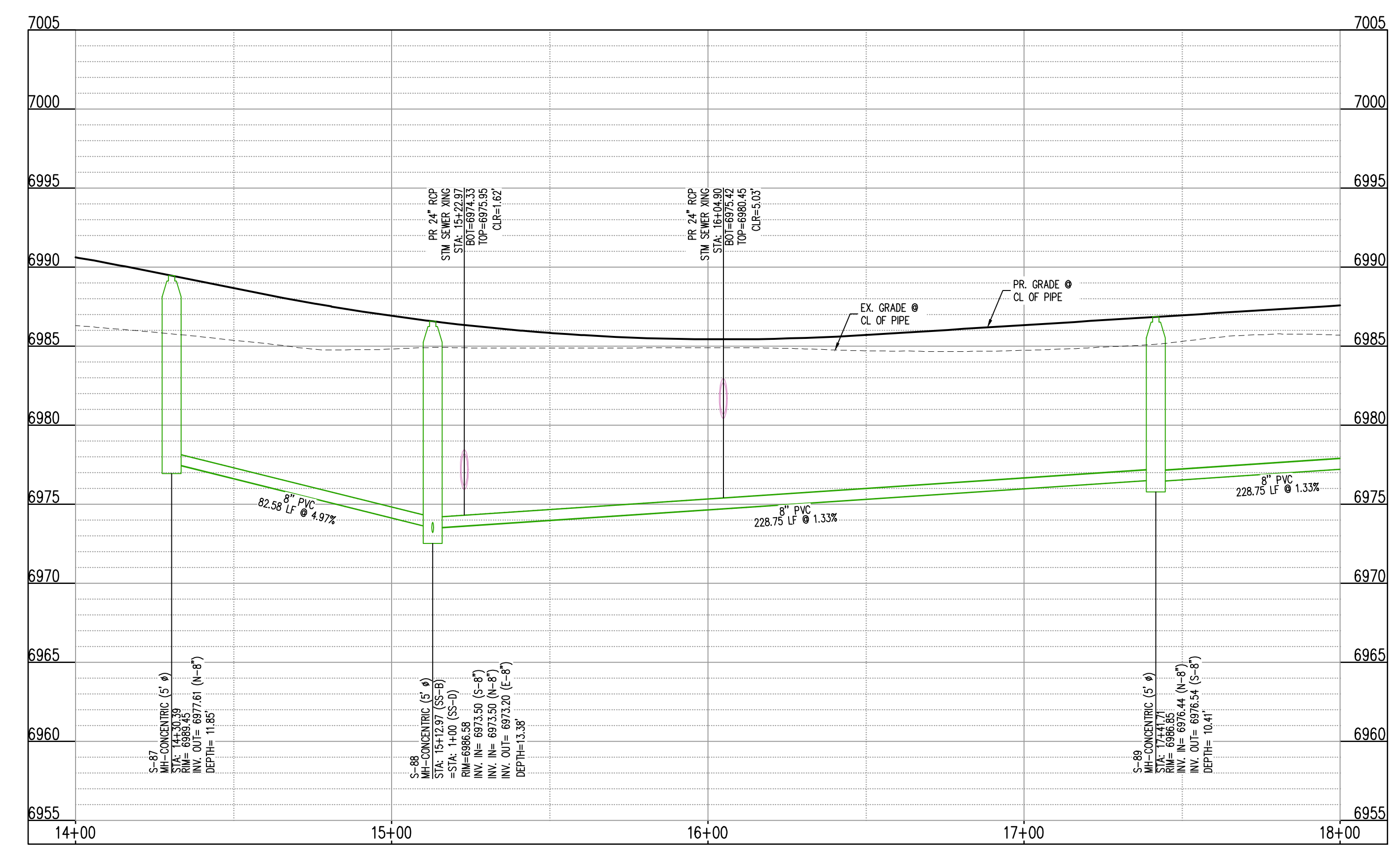
Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

WASTEWATER P&P

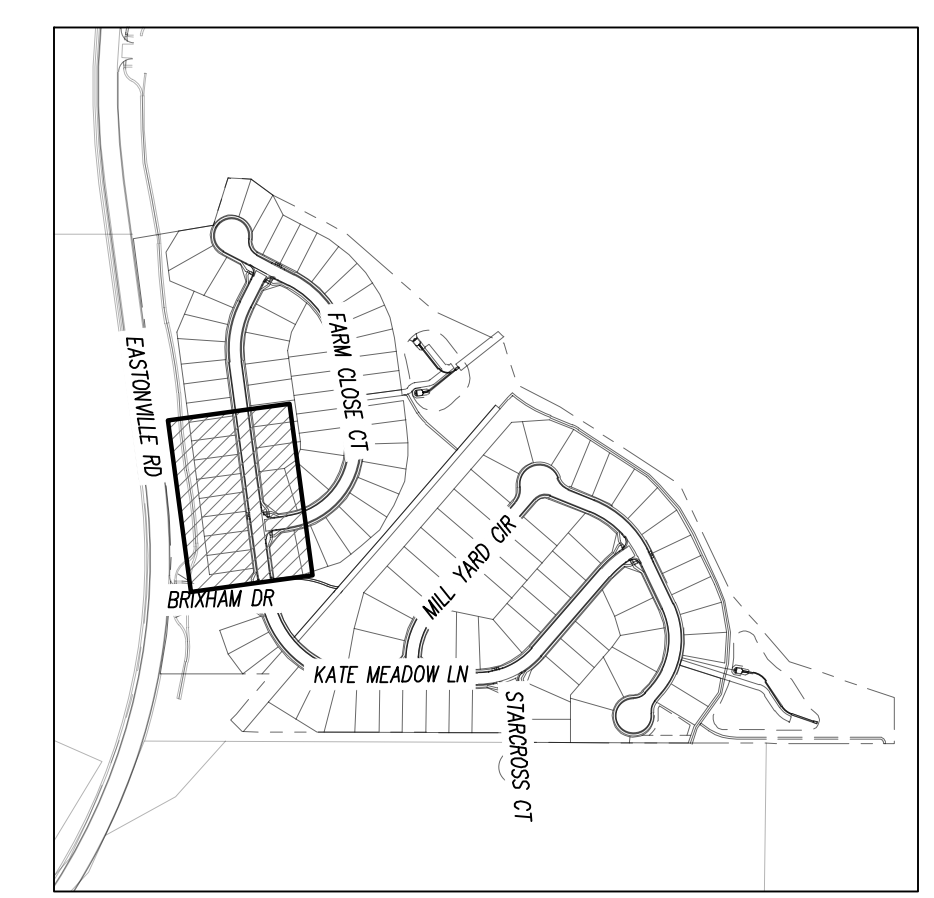
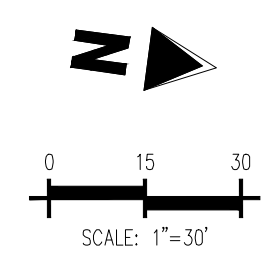
U2.5
Sheet 13 of 27



SANITARY SEWER LINE PLAN: SS-B (STA: 14+00 - 18+00)
SCALE: 1"=30'



SANITARY SEWER LINE PROFILE: SS-B (STA: 14+00 - 18+00)
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

| | |
|---|---------------------------------|
| — | EXISTING WATER LINE |
| — | PROPOSED WATER LINE |
| — | EXISTING SANITARY SEWER |
| — | PROPOSED SANITARY SEWER |
| — | EXISTING STORM SEWER |
| — | PROPOSED STORM SEWER |
| — | EXISTING GAS LINE |
| — | PROPOSED GAS LINE |
| ⊙ | EXISTING STREET LIGHT |
| ⊙ | PROPOSED STREET LIGHT |
| ⊙ | EXISTING WATER METER |
| ⊙ | PROPOSED WATER METER |
| ⊙ | EXISTING WATER VALVE |
| ⊙ | PROPOSED WATER VALVE |
| ⊙ | EXISTING FIRE HYDRANT |
| ⊙ | PROPOSED FIRE HYDRANT |
| ⊙ | EXISTING STORM SEWER MANHOLE |
| ⊙ | PROPOSED STORM SEWER MANHOLE |
| ⊙ | EXISTING SANITARY SEWER MANHOLE |
| ⊙ | PROPOSED SANITARY SEWER MANHOLE |

SITE LEGEND

| | |
|-----|-----------------------------------|
| --- | PROPERTY BOUNDARY LINE |
| --- | ADJACENT PROPERTY BOUNDARY LINE |
| --- | RIGHT OF WAY BOUNDARY LINE |
| --- | SECTION LINE |
| --- | EXISTING ADJACENT LOT LINE |
| --- | PROPOSED LOT LINE |
| --- | EXISTING EASEMENT LINE |
| --- | PROPOSED EASEMENT LINE |
| --- | ROAD CENTERLINE |
| --- | PROPOSED RIDGE LINE |
| --- | PROPOSED SWALE LINE |
| --- | EXISTING SWALE LINE |
| --- | FLOODPLAIN BOUNDARY |
| --- | EXISTING FLOOD ZONE |
| --- | EXISTING FLOOD ZONE SETBACK |
| --- | PROPOSED CURB AND GUTTER |
| --- | EXISTING CURB AND GUTTER |
| --- | PROPOSED SIDEWALK |
| --- | PROPOSED TRAIL |
| --- | PROPOSED GRAVEL PER EOM TABLE D-7 |
| --- | RIRAP OUTFALL PADS |
| --- | EXISTING SIGN |
| --- | PROPOSED SIGN |
| --- | PROPOSED CONCRETE |
| --- | EXISTING CONCRETE |

- NOTES**
- ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

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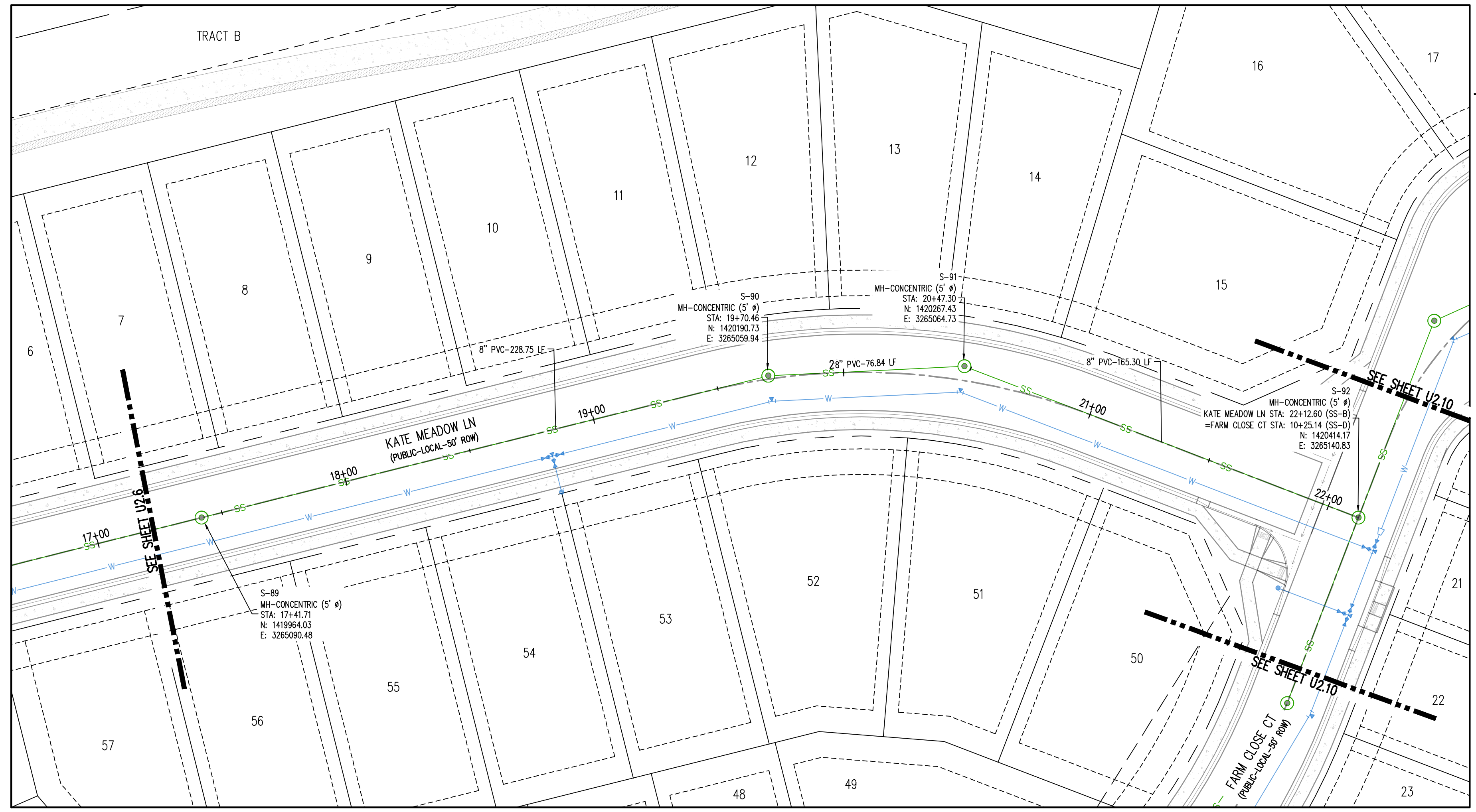
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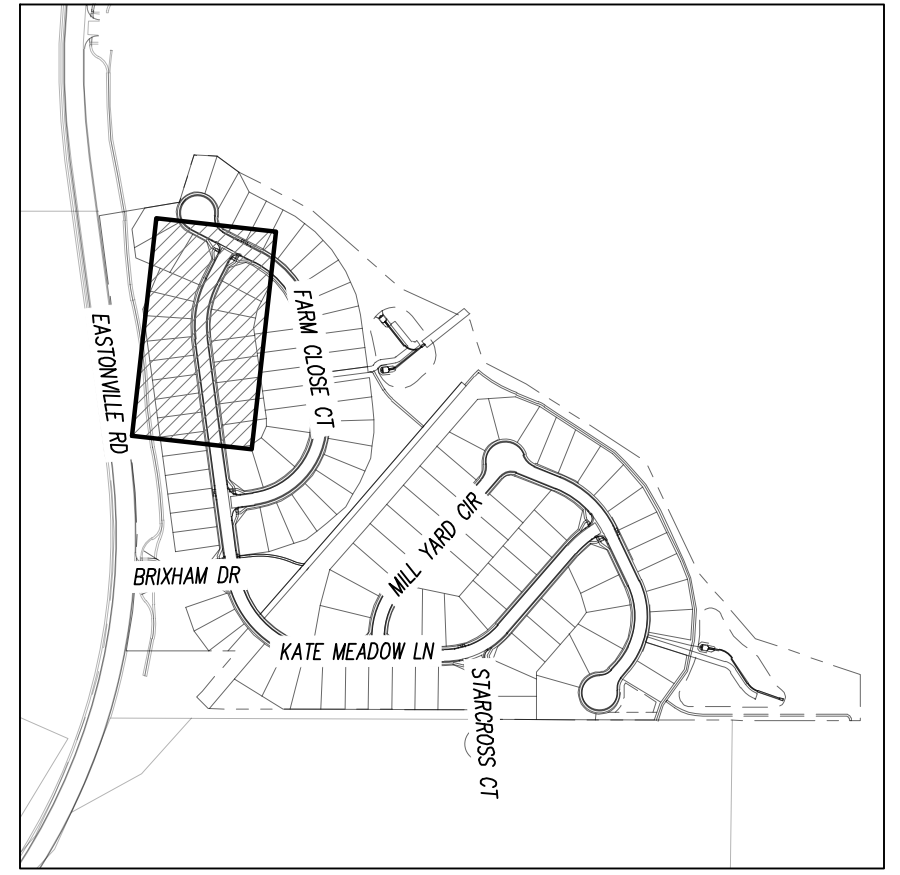
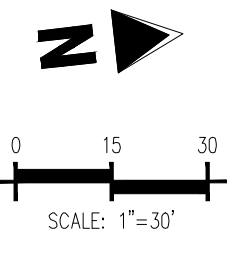
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Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

WASTEWATER P&P



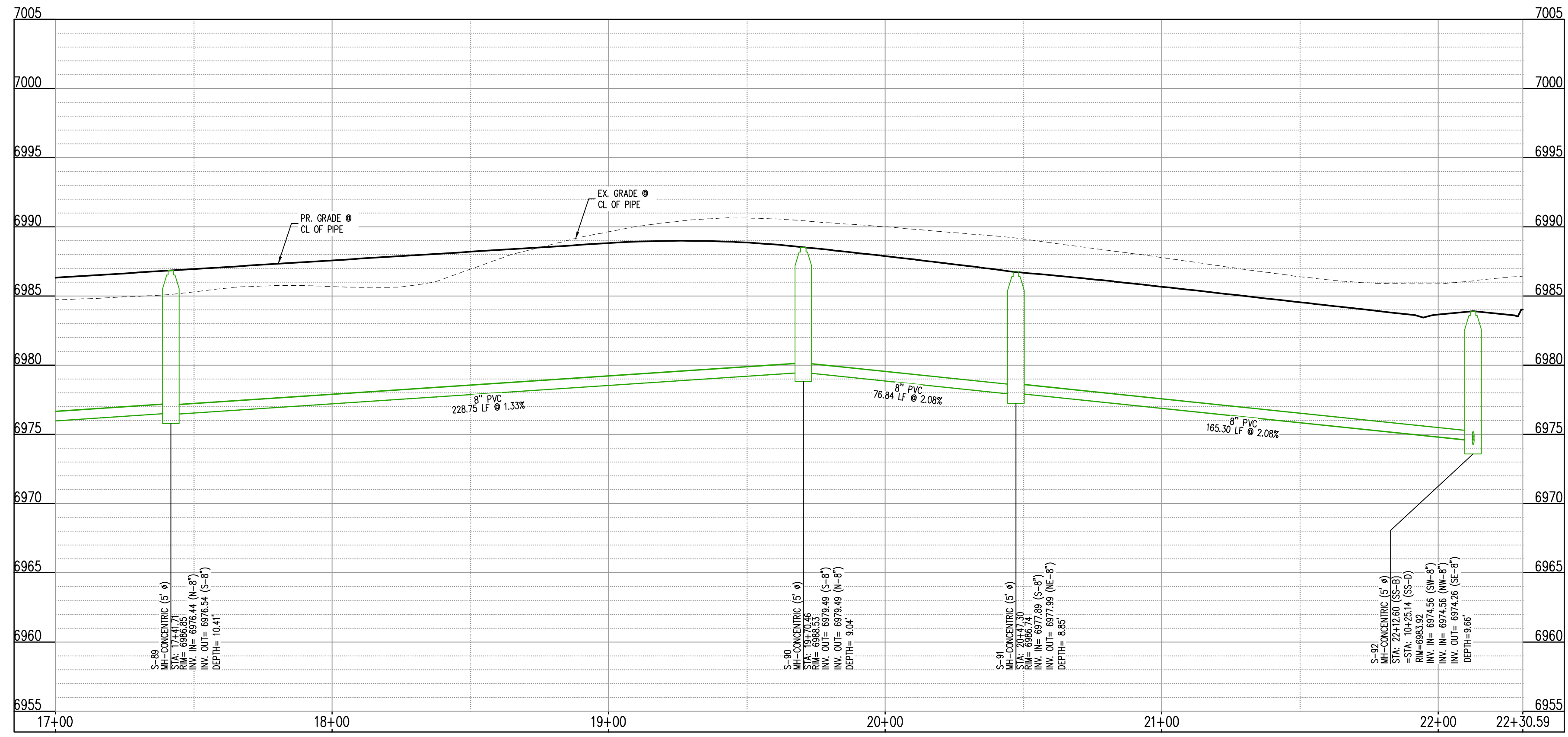
SANITARY SEWER LINE PLAN: SS-B (STA: 17+00 - 22+30.59)
SCALE: 1"=30'



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- SS — EXISTING SANITARY SEWER
- SS — PROPOSED SANITARY SEWER
- SS — EXISTING STORM SEWER
- SS — PROPOSED STORM SEWER
- G — EXISTING GAS LINE
- G — PROPOSED GAS LINE
- ⊙ EXISTING STREET LIGHT
- ⊙ PROPOSED STREET LIGHT
- ⊙ PROPOSED WATER METER
- ⊙ EXISTING WATER VALVE
- ⊙ PROPOSED WATER VALVE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ PROPOSED FIRE HYDRANT
- ⊙ EXISTING STORM SEWER MANHOLE
- ⊙ PROPOSED STORM SEWER MANHOLE
- ⊙ EXISTING SANITARY SEWER MANHOLE
- ⊙ PROPOSED SANITARY SEWER MANHOLE



SANITARY SEWER LINE PROFILE: SS-B (STA: 17+00 - 22+30.59)
SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

SITE LEGEND

- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- RIGHT OF WAY BOUNDARY LINE
- SECTION LINE
- EXISTING ADJACENT LOT LINE
- PROPOSED LOT LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- ROAD CENTERLINE
- PROPOSED RIDGE LINE
- PROPOSED SWALE LINE
- EXISTING SWALE LINE
- FLOODPLAIN BOUNDARY
- EXISTING FLOOD ZONE
- EXISTING FLOOD ZONE SETBACK
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED SIDEWALK
- PROPOSED TRAIL
- PROPOSED GRAVEL PER EOM TABLE D-7
- RIPRAP OUTFALL PADS
- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED CONCRETE
- EXISTING CONCRETE

NOTES

- ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

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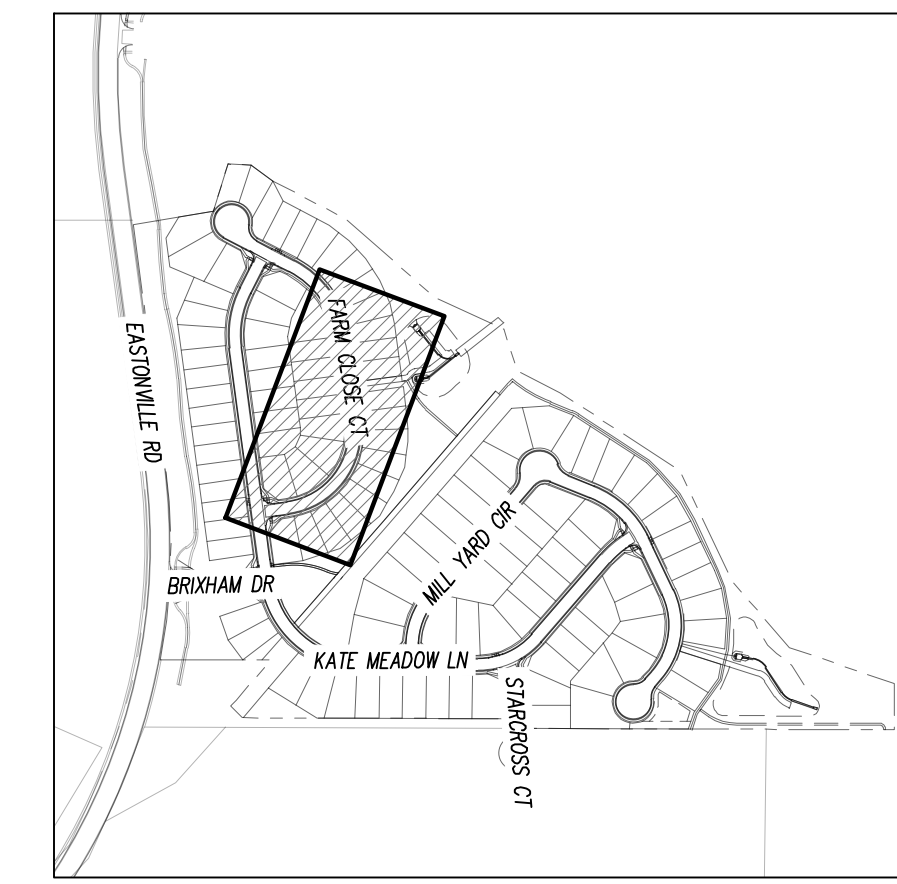
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Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

WASTEWATER P&P

U2.7
Sheet 15 of 27



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISTING GAS LINE
- PROPOSED GAS LINE
- ⊙ EXISTING STREET LIGHT
- ⊙ PROPOSED STREET LIGHT
- ⊙ EXISTING WATER METER
- ⊙ PROPOSED WATER METER
- ⊙ EXISTING WATER VALVE
- ⊙ PROPOSED WATER VALVE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ PROPOSED FIRE HYDRANT
- ⊙ EXISTING STORM SEWER MANHOLE
- ⊙ PROPOSED STORM SEWER MANHOLE
- ⊙ EXISTING SANITARY SEWER MANHOLE
- ⊙ PROPOSED SANITARY SEWER MANHOLE

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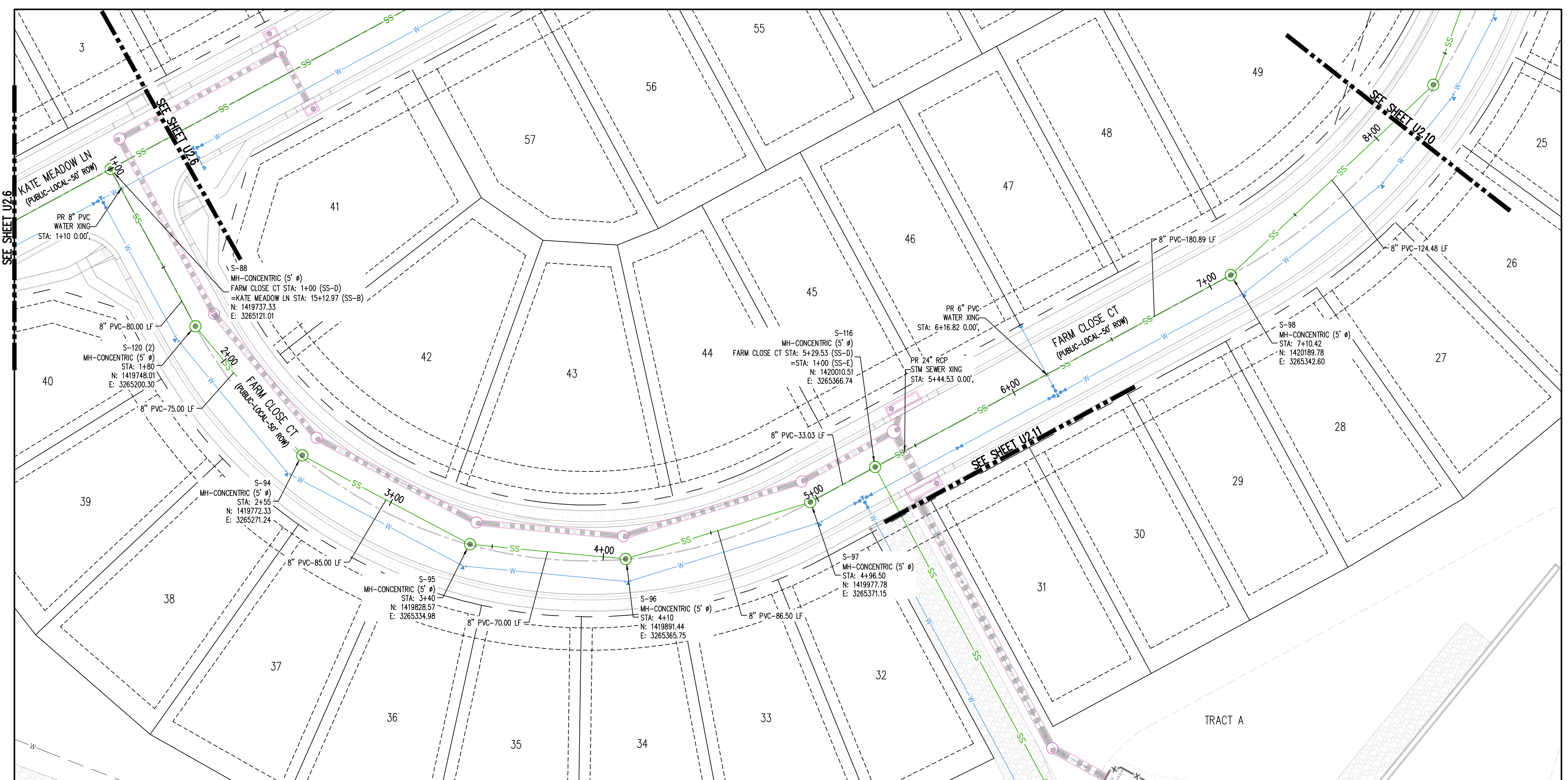
WASTEWATER P&P

NOTES

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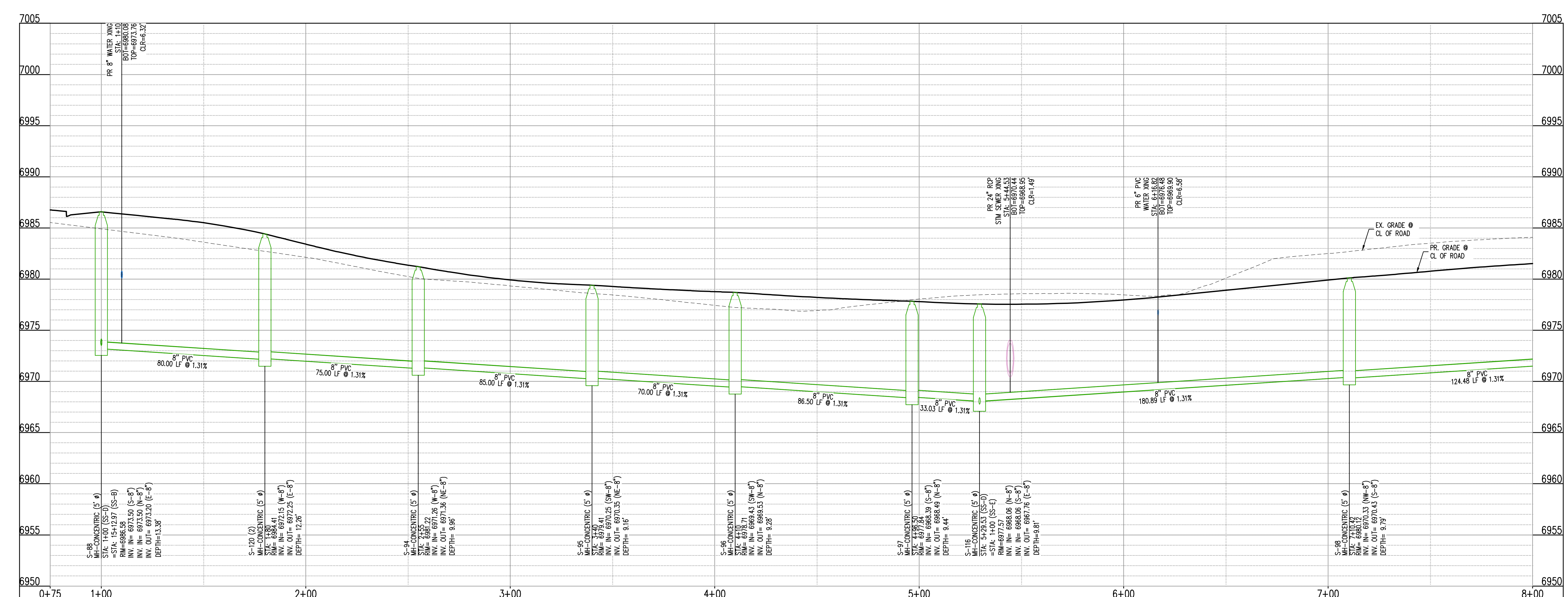
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SANITARY SEWER LINE PLAN: SS-D (STA: 0+75 - 8+00)

SCALE: 1"=30'

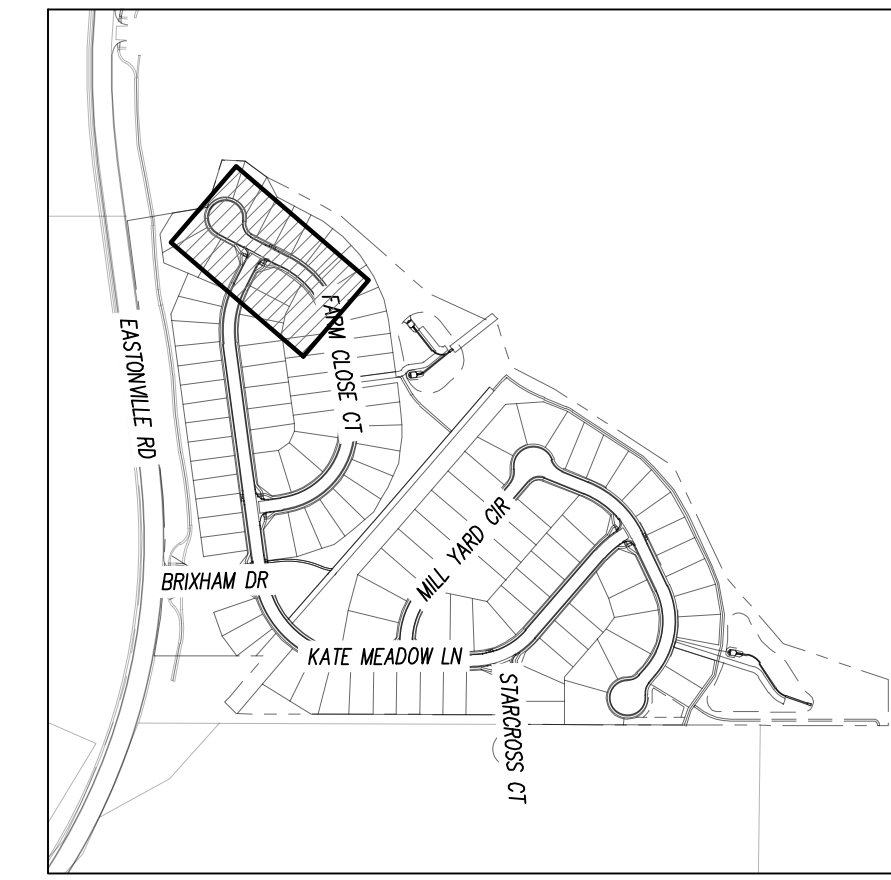


SANITARY SEWER LINE PROFILE: SS-D (STA: 0+75 - 8+00)

SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'

Project No: HRG02
Drawn By: JDM, BLB, CJM
Checked By: BAS, CMWJ
Date: 03/15/2024

WASTEWATER P&P

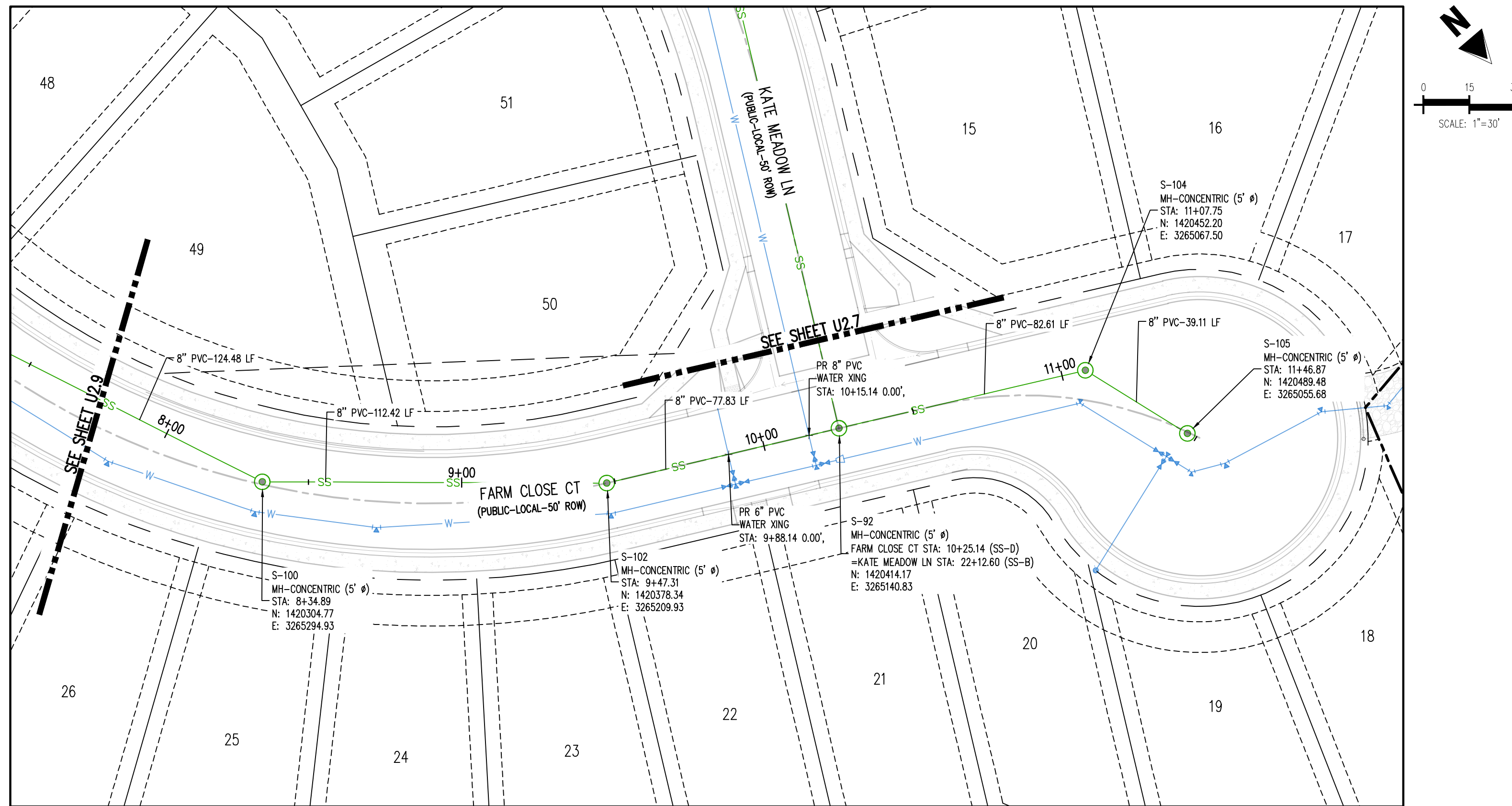


KEYMAP
 SCALE: 1"=500'

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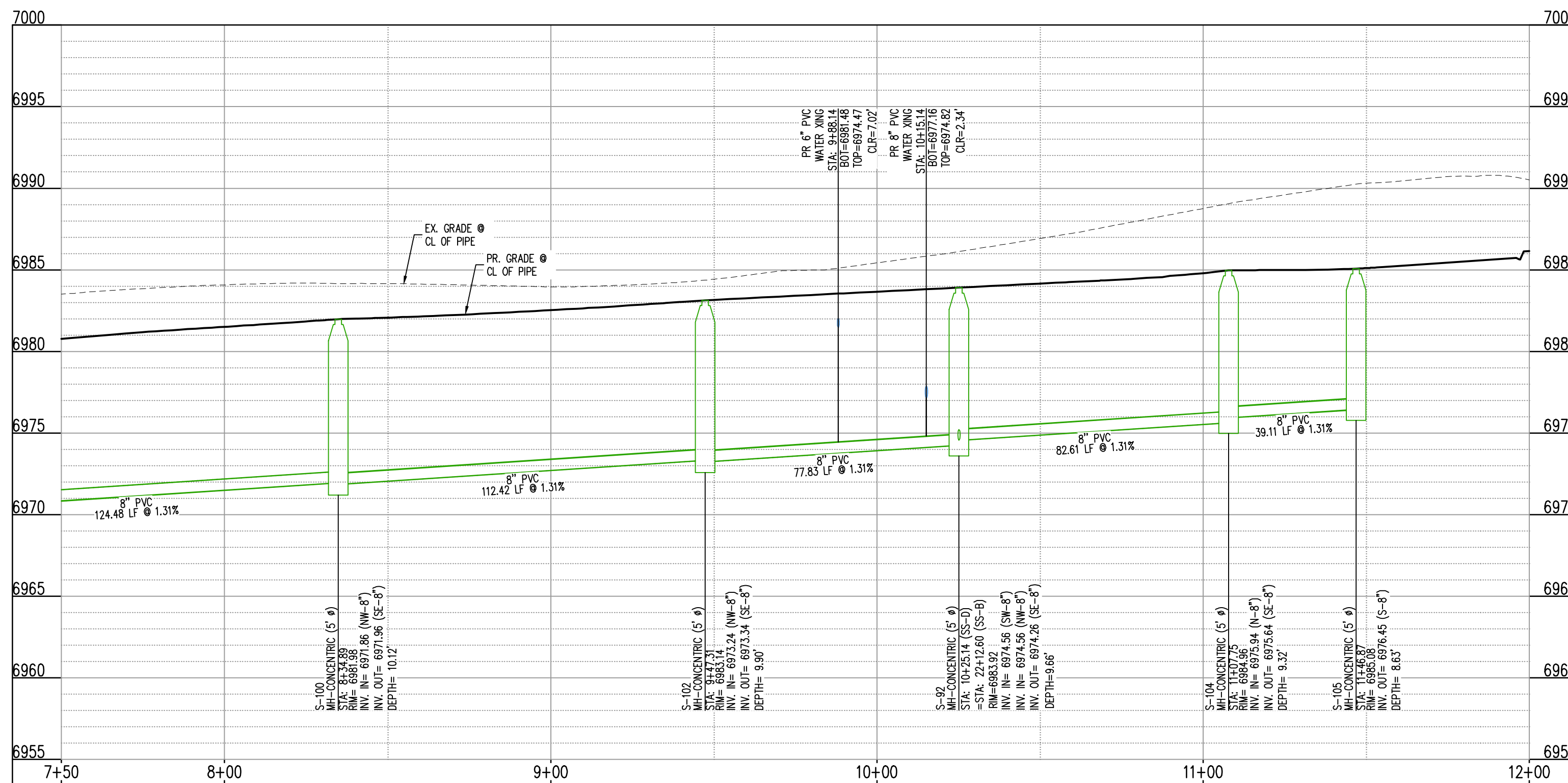
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UTILITY CONSTRUCTION PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831



SANITARY SEWER LINE PLAN: SS-D (STA: 7+50 - 12+07.28)

SCALE: 1"=30'



SANITARY SEWER LINE PLAN: SS-D (STA: 7+50 - 12+07.28)

SCALE: HORIZONTAL 1"=30', VERTICAL 1"=6'

UTILITY LEGEND

| | |
|--|---------------------------------|
| | EXISTING WATER LINE |
| | PROPOSED WATER LINE |
| | EXISTING SANITARY SEWER |
| | PROPOSED SANITARY SEWER |
| | EXISTING STORM SEWER |
| | PROPOSED STORM SEWER |
| | EXISTING GAS LINE |
| | PROPOSED GAS LINE |
| | EXISTING STREET LIGHT |
| | PROPOSED STREET LIGHT |
| | PROPOSED WATER METER |
| | EXISTING WATER VALVE |
| | PROPOSED WATER VALVE |
| | EXISTING FIRE HYDRANT |
| | PROPOSED FIRE HYDRANT |
| | EXISTING STORM SEWER MANHOLE |
| | PROPOSED STORM SEWER MANHOLE |
| | EXISTING SANITARY SEWER MANHOLE |
| | PROPOSED SANITARY SEWER MANHOLE |

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POT-Holing OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

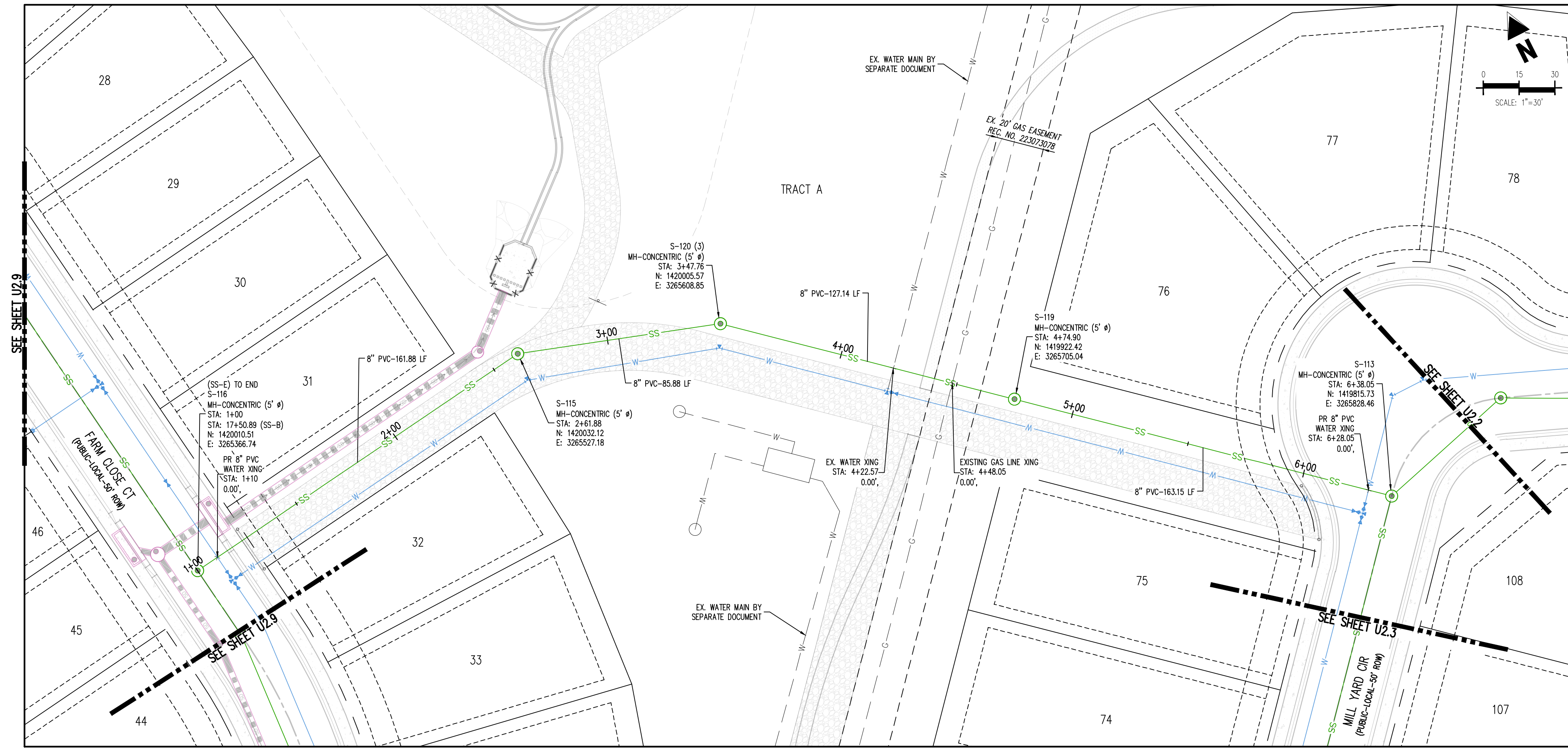


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| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

WASTEWATER P&P

U2.10
 Sheet 18 of 27

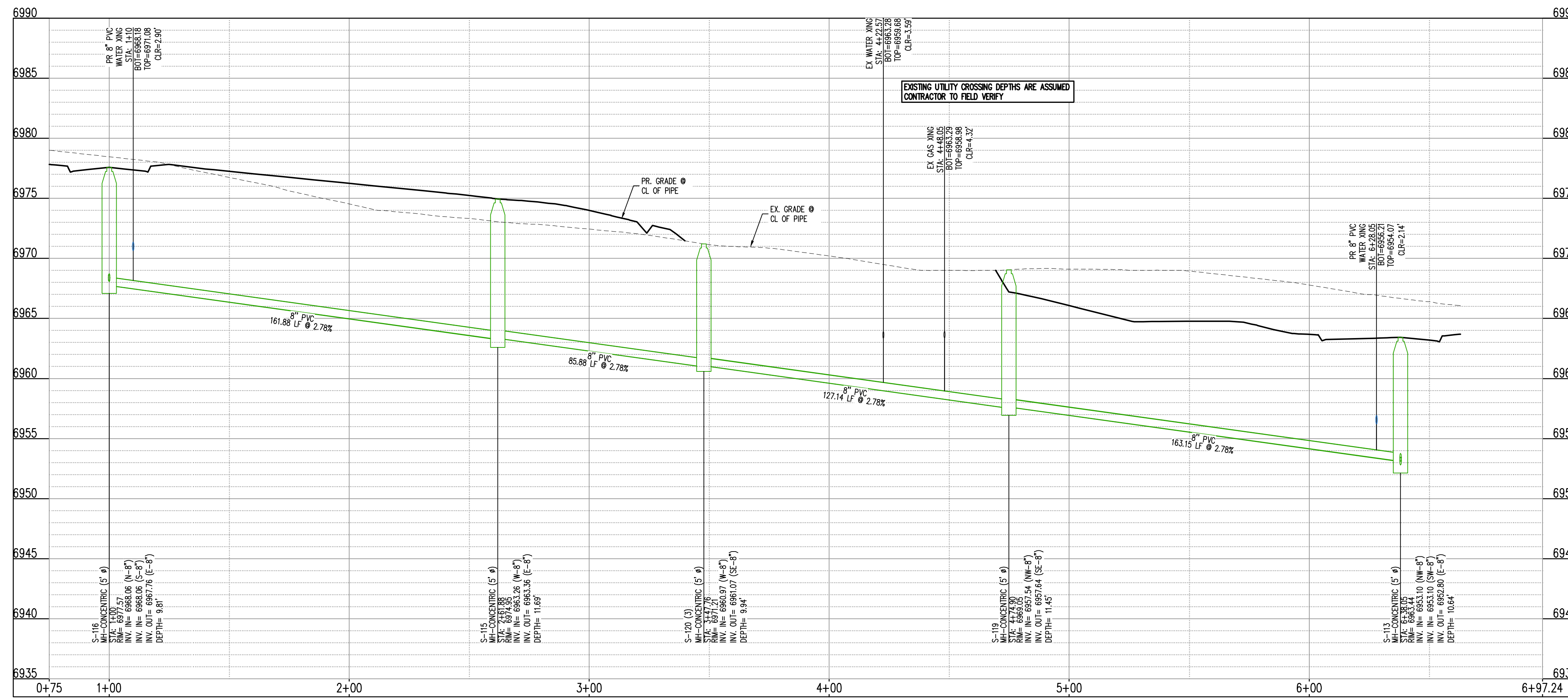


KEYMAP
 SCALE: 1"=500'

UTILITY LEGEND

- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- S — EXISTING SANITARY SEWER
- S — PROPOSED SANITARY SEWER
- SS — EXISTING STORM SEWER
- SS — PROPOSED STORM SEWER
- G — EXISTING GAS LINE
- G — PROPOSED GAS LINE
- S — EXISTING STREET LIGHT
- S — PROPOSED STREET LIGHT
- W — EXISTING WATER METER
- W — PROPOSED WATER METER
- W — EXISTING WATER VALVE
- W — PROPOSED WATER VALVE
- W — EXISTING FIRE HYDRANT
- W — PROPOSED FIRE HYDRANT
- S — EXISTING STORM SEWER MANHOLE
- S — PROPOSED STORM SEWER MANHOLE
- S — EXISTING SANITARY SEWER MANHOLE
- S — PROPOSED SANITARY SEWER MANHOLE

SANITARY SEWER LINE PLAN: SS-E (STA: 0+75 - 6+97.24)
 SCALE: 1"=30'



EXISTING UTILITY CROSSING DEPTHS ARE ASSUMED
 CONTRACTOR TO FIELD VERIFY

SANITARY SEWER LINE PROFILE: SS-E (STA: 0+75 - 6+97.24)
 SCALES: HORIZONTAL 1"=30', VERTICAL 1"=6'

SITE LEGEND

- — — PROPERTY BOUNDARY LINE
- — — ADJACENT PROPERTY BOUNDARY LINE
- — — RIGHT OF WAY BOUNDARY LINE
- — — SECTION LINE
- — — EXISTING ADJACENT LOT LINE
- — — PROPOSED LOT LINE
- — — EXISTING EASEMENT LINE
- — — PROPOSED EASEMENT LINE
- — — ROAD CENTERLINE
- — — PROPOSED RIDGE LINE
- — — PROPOSED SWALE LINE
- — — EXISTING SWALE LINE
- - - FLOODPLAIN BOUNDARY
- — — EXISTING FLOOD ZONE
- — — EXISTING FLOOD ZONE SETBACK
- — — PROPOSED CURB AND GUTTER
- — — EXISTING CURB AND GUTTER
- — — PROPOSED SIDEWALK
- — — PROPOSED TRAIL
- — — PROPOSED GRAVEL PER EDCM TABLE D-7
- — — RIPRAP OUTFALL PADS
- — — EXISTING SIGN
- — — PROPOSED SIGN
- — — PROPOSED CONCRETE
- — — EXISTING CONCRETE

NOTES

- ALL PROPOSED MANHOLES SHALL CONFORM TO WOODMEN HILLS METRO DISTRICT DETAIL WW-2

CAUTION - NOTICE TO CONTRACTOR

- ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
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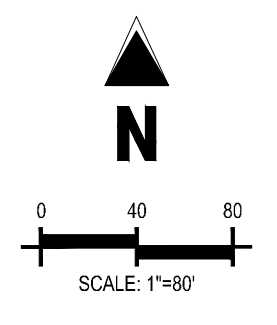
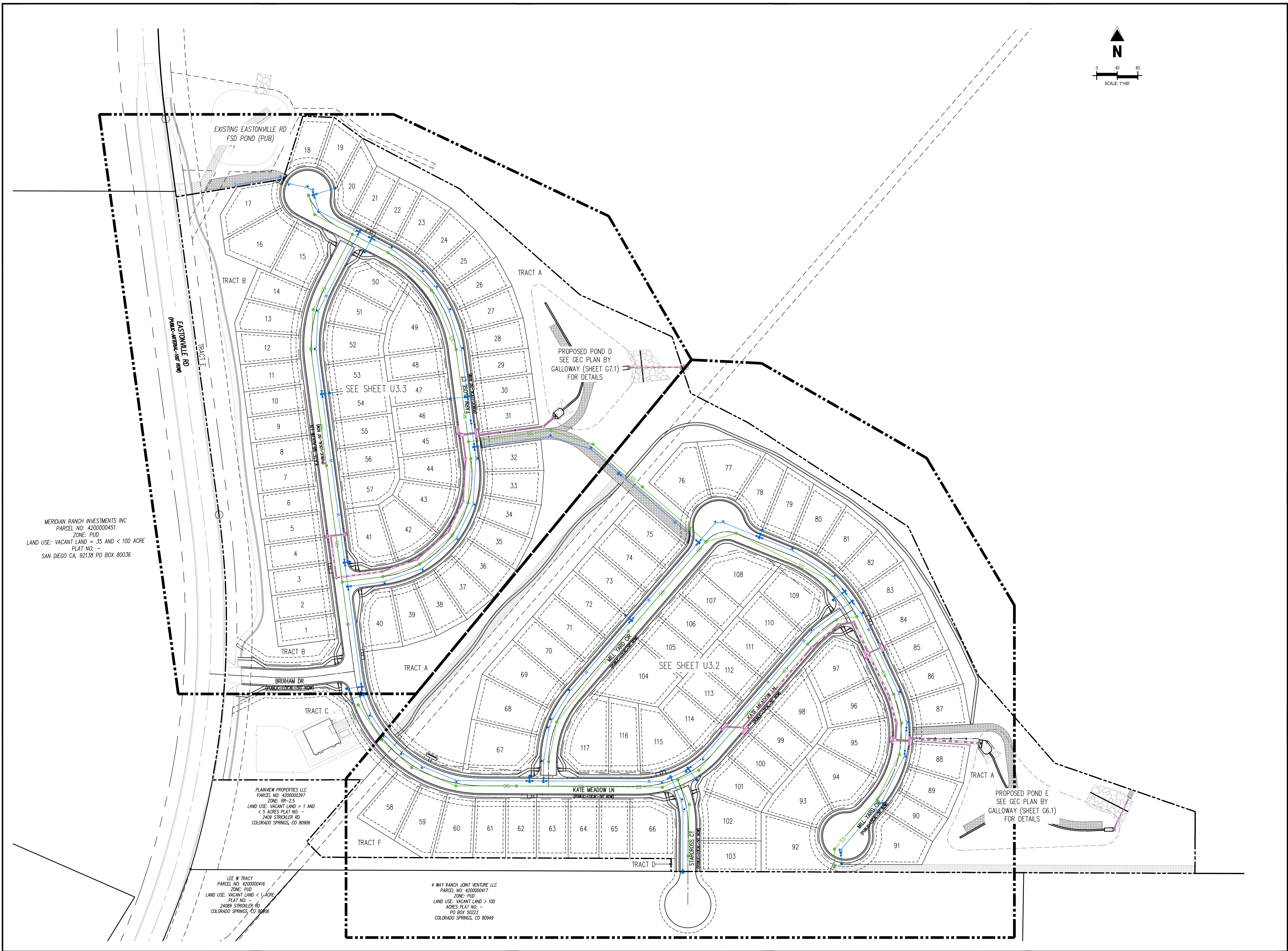


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Project No: HRG02
 Drawn By: JDM, BLB, CJM
 Checked By: BAS, CMWJ
 Date: 03/15/2024

WASTEWATER P&P

U2.11
 Sheet 19 of 27



MERIDIAN RANCH INVESTMENTS INC
 PARCEL NO: 4200000451
 ZONE: PUD
 LAND USE: VACANT LAND = 35 AND < 100 ACRE
 PLAT NO: -
 SAN DIEGO CA, 92138 PO BOX 80036

PLAINVIEW PROPERTIES LLC
 PARCEL NO: 4200000397
 ZONE: RR-2.5
 LAND USE: VACANT LAND = 1 AND
 < 5 ACRES PLAT NO: -
 2409 STRICKLER RD
 COLORADO SPRINGS, CO 80906

LEE W TRACY
 PARCEL NO: 4200000416
 ZONE: PUD
 LAND USE: VACANT LAND < 1 ACRE
 PLAT NO: -
 2409 STRICKLER RD
 COLORADO SPRINGS, CO 80906

4 WAY RANCH JOINT VENTURE LLC
 PARCEL NO: 4200000417
 ZONE: PUD
 LAND USE: VACANT LAND > 100
 ACRES PLAT NO: -
 PO BOX 50223
 COLORADO SPRINGS, CO 80949

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UTILITY CONSTRUCTION PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

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Project No: HRG02
 Drawn By: JDM, BLB, CJM
 Checked By: BAS, CMWJ
 Date: 03/15/2024

UTILITY SERVICE KEY MAP

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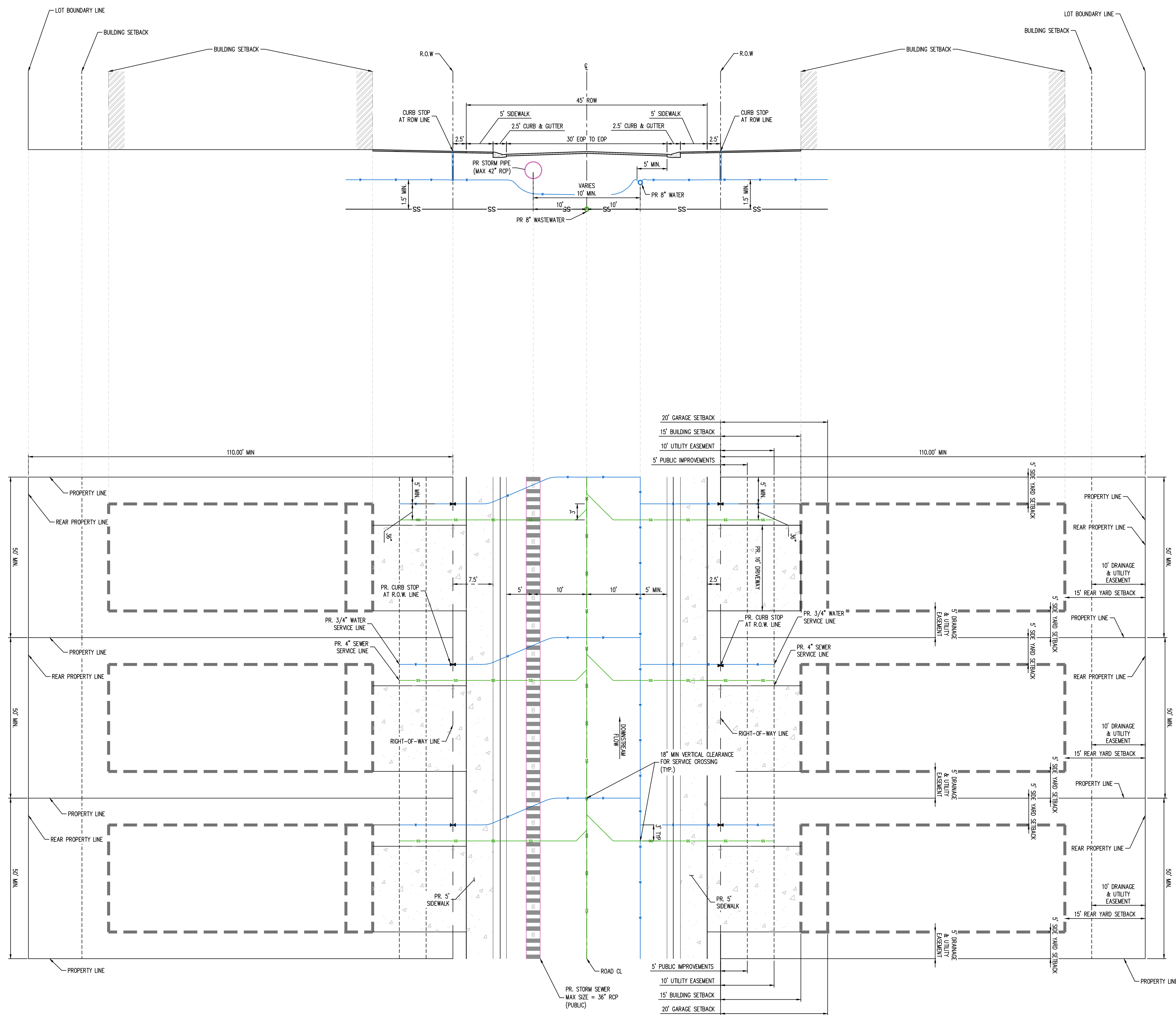
UTILITY CONSTRUCTION PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311

EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

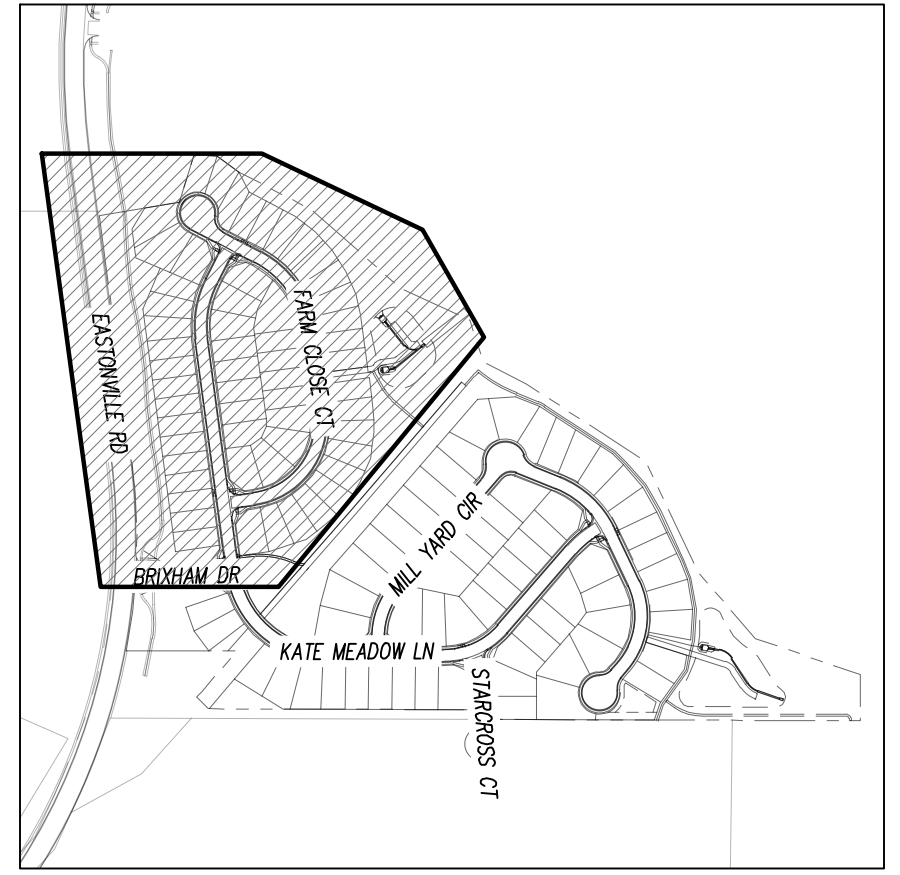
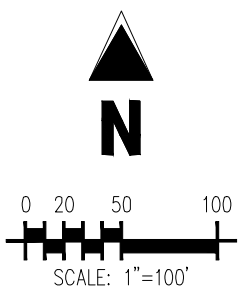
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| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

USP TYPICAL DETAILS



2024/03/15 09:52 AM G:\Projects\HRG02\Drawings\Utility\U3.1.dwg User: JDM Date Plotted: 3/15/24 Plot Size: 11.00 x 17.00 Inches Scale: 1/8" = 1'-0"



KEYMAP
SCALE: 1"=500'

UTILITY LEGEND

| | |
|--------|---------------------------------|
| — W — | EXISTING WATER LINE |
| — W — | PROPOSED WATER LINE |
| — SS — | EXISTING SANITARY SEWER |
| — SS — | PROPOSED SANITARY SEWER |
| — W — | PROPOSED WATER SERVICE LINE |
| — SS — | PROPOSED SANITARY SERVICE LINE |
| — S — | EXISTING STORM SEWER |
| — S — | PROPOSED STORM SEWER |
| — G — | EXISTING GAS LINE |
| — G — | PROPOSED GAS LINE |
| ⊙ | EXISTING STREET LIGHT |
| ⊙ | PROPOSED STREET LIGHT |
| ⊙ | PROPOSED WATER METER |
| ⊙ | EXISTING WATER VALVE |
| ⊙ | PROPOSED WATER VALVE |
| ⊙ | EXISTING FIRE HYDRANT |
| ⊙ | PROPOSED FIRE HYDRANT |
| ⊙ | EXISTING STORM SEWER MANHOLE |
| ⊙ | PROPOSED STORM SEWER MANHOLE |
| ⊙ | EXISTING SANITARY SEWER MANHOLE |
| ⊙ | PROPOSED SANITARY SEWER MANHOLE |

SITE LEGEND

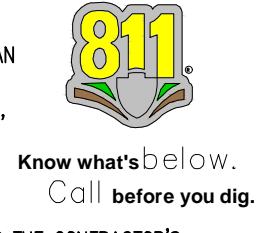
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| --- | PROPERTY BOUNDARY LINE |
| --- | ADJACENT PROPERTY BOUNDARY LINE |
| --- | RIGHT OF WAY BOUNDARY LINE |
| --- | SECTION LINE |
| --- | EXISTING ADJACENT LOT LINE |
| --- | PROPOSED LOT LINE |
| --- | EXISTING EASEMENT LINE |
| --- | PROPOSED EASEMENT LINE |
| --- | ROAD CENTERLINE |
| --- | PROPOSED RIDGE LINE |
| --- | PROPOSED SWALE LINE |
| --- | EXISTING SWALE LINE |
| --- | FLOODPLAIN BOUNDARY |
| --- | EXISTING FLOOD ZONE |
| --- | EXISTING FLOOD ZONE SETBACK |
| --- | PROPOSED CURB AND GUTTER |
| --- | EXISTING CURB AND GUTTER |
| --- | PROPOSED SIDEWALK |
| --- | PROPOSED TRAIL |
| --- | PROPOSED GRAVEL PER EDM TABLE D-7 |
| --- | RIPRAP OUTFALL PADS |
| --- | EXISTING SIGN |
| --- | PROPOSED SIGN |
| --- | PROPOSED CONCRETE |
| --- | EXISTING CONCRETE |

NOTES

1. ALL WATER SERVICE LINES SHALL BE 3/4" COPPER AND ALL SANITARY SERVICE LINES SHALL BE 4" PVC.
2. ALL WATER MAINS SHALL BE NO CLOSER THAN FIVE FEET (5') TO EDGE OF CONCRETE CURB AND/OR GUTTER.
3. WATER MAINS SHALL BE DESIGNED FOR A MINIMUM OF FIVE FEET SIX INCHES (5'-6") AND A MAXIMUM OF SIX FEET SIX INCHES (6'-6") OF COVER, EXCEPT WHERE ANOTHER UTILITY CAUSES A CONFLICT, IN WHICH CASE THE WATER MAIN SHALL BE LOWERED AS NECESSARY.
4. A VALVE SHALL ALWAYS BE PROVIDED WHERE A MAIN WILL BE EXTENDED IN THE FUTURE TO FACILITATE CONNECTING TO THE EXISTING MAIN WITHOUT DISRUPTING SERVICE. THERE SHALL BE A TWENTY FOOT (20') STUB PAST THE VALVE TO FACILITATE EASE OF CONNECTION.
5. CONTRACTOR TO READ AND BECOME FAMILIAR WITH THE WOODMEN HILLS METROPOLITAN DISTRICT WATER AND WASTEWATER SYSTEM STANDARD SPECIFICATIONS CRITERIA MANUAL AND DETAILS PRIOR TO BEGINNING CONSTRUCTION.

CAUTION - NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
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EL PASO COUNTY, FALCON, CO 80831

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| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

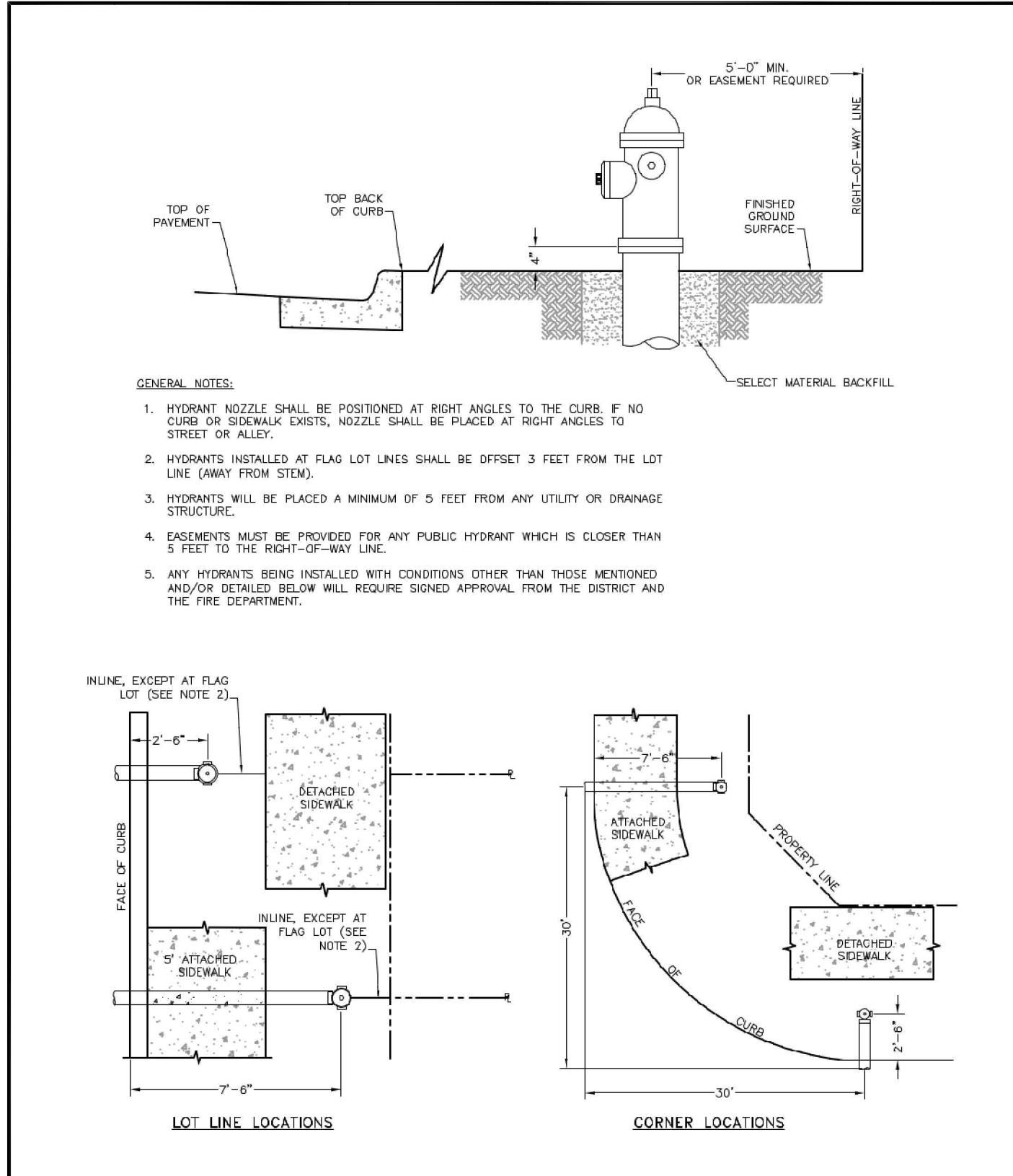
UTILITY SERVICE PLAN

U3.3
Sheet 23 of 27

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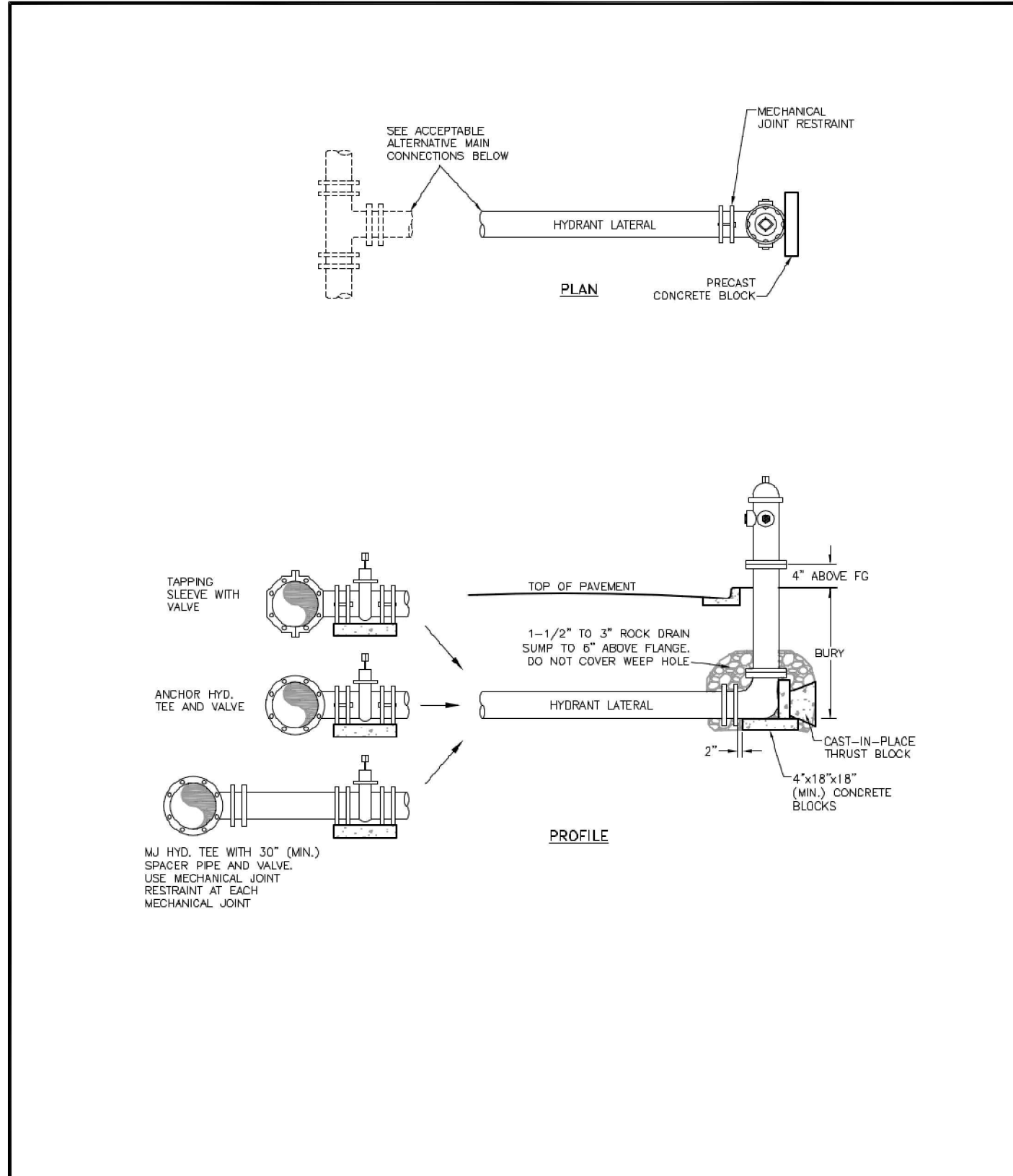
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| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

WATER DETAILS



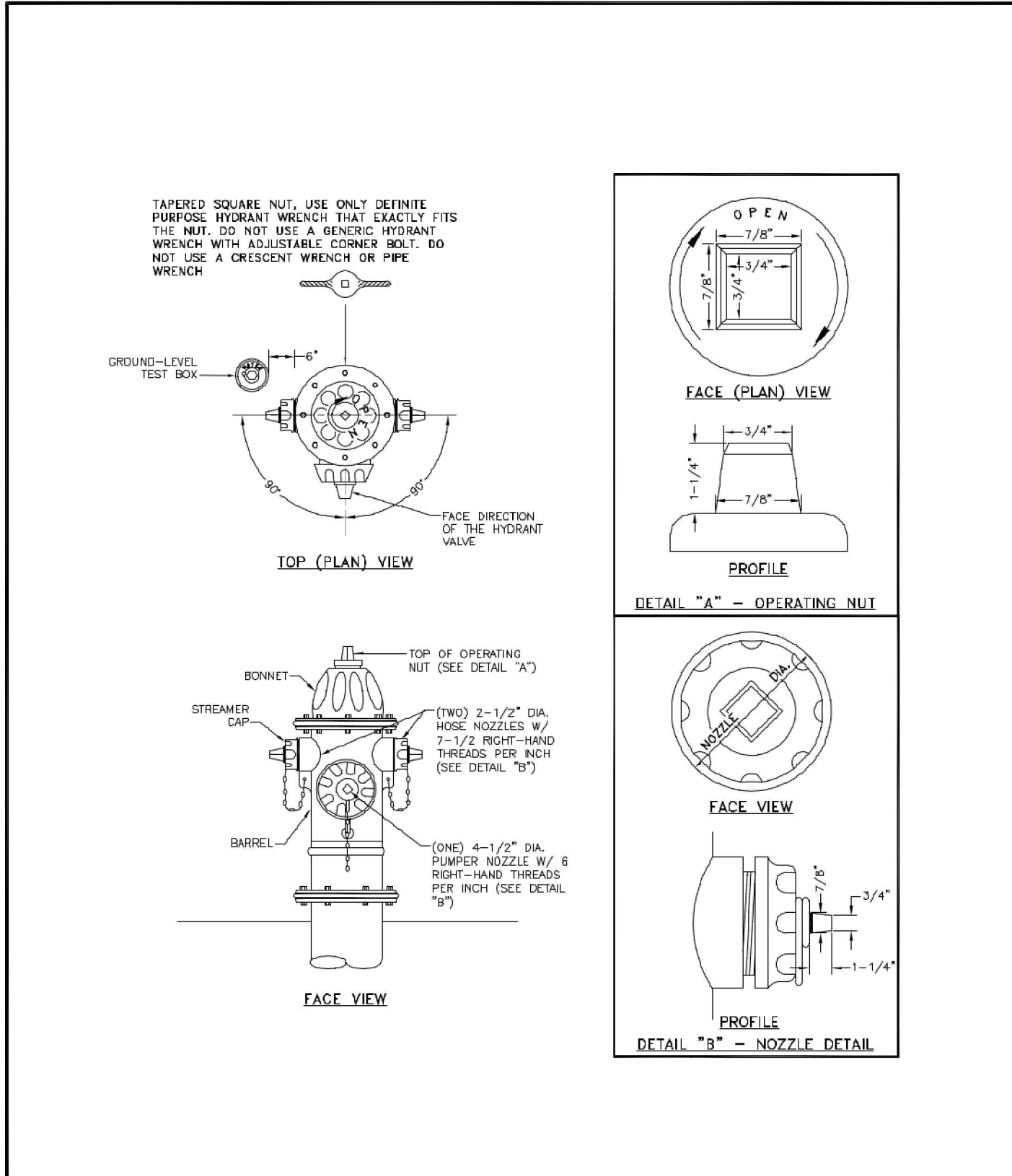
FIRE HYDRANT LOCATIONS

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| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-1 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



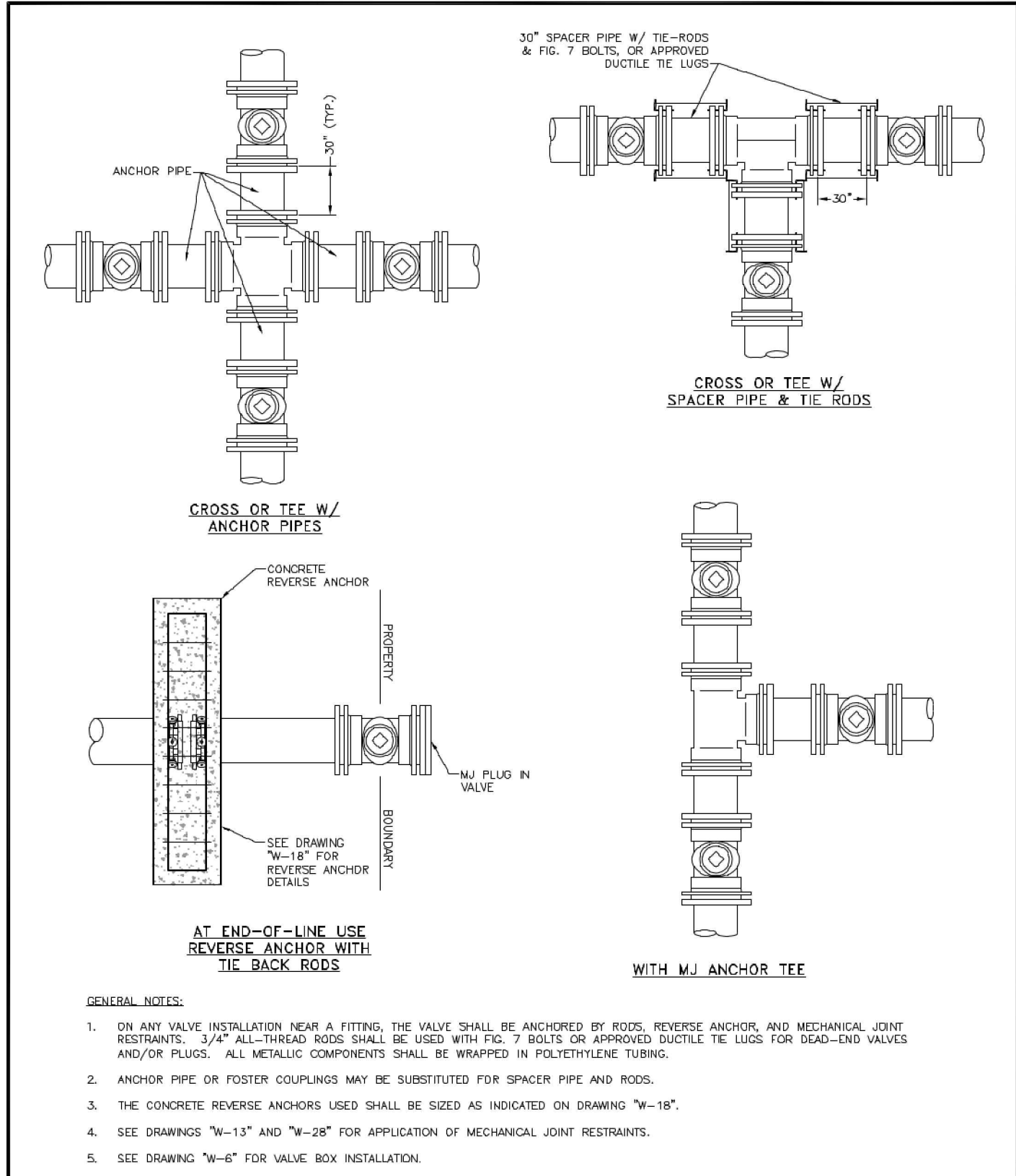
FIRE HYDRANT INSTALLATION

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| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-2 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



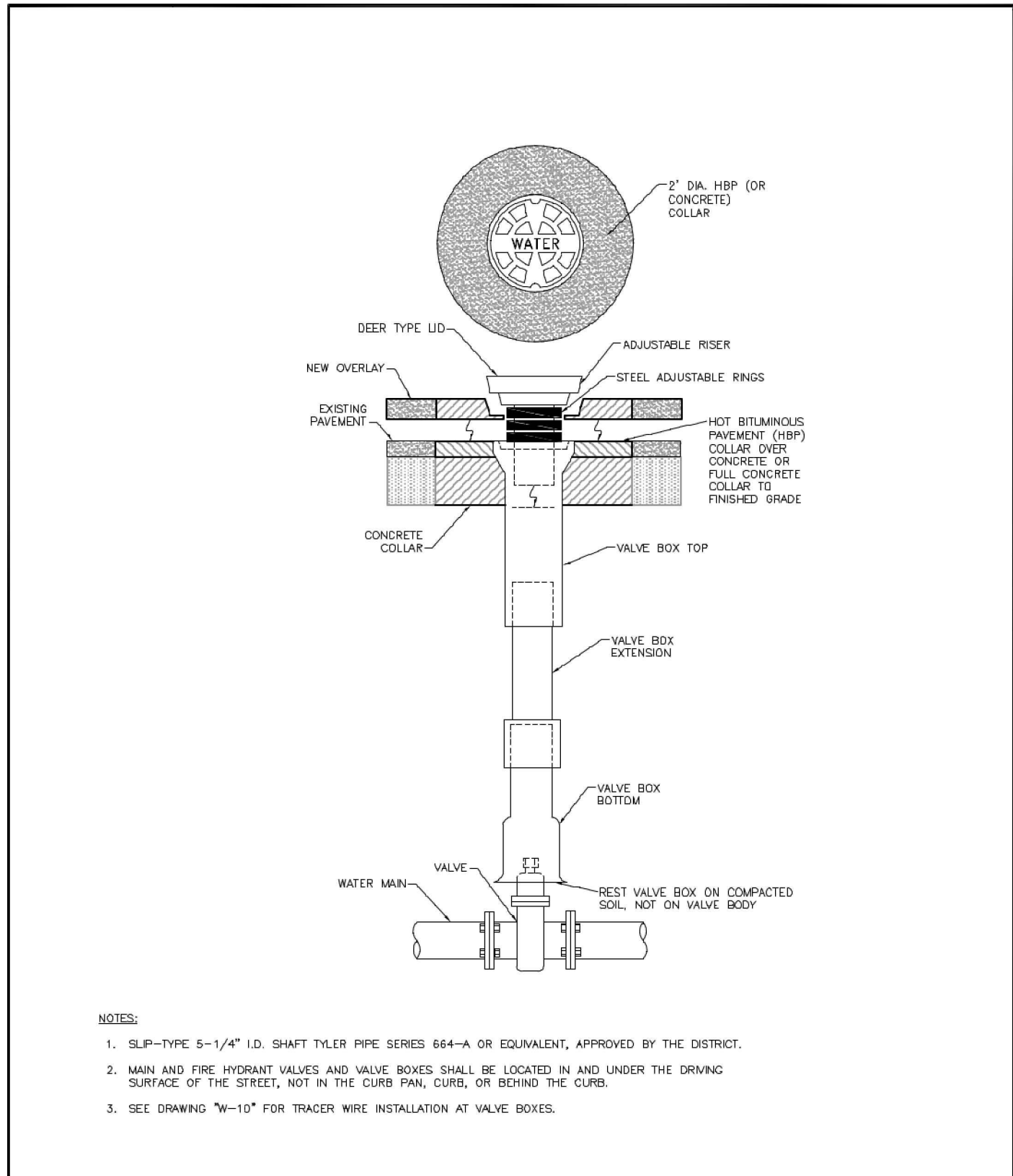
FIRE HYDRANT SPECIFICATIONS

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| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-3 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



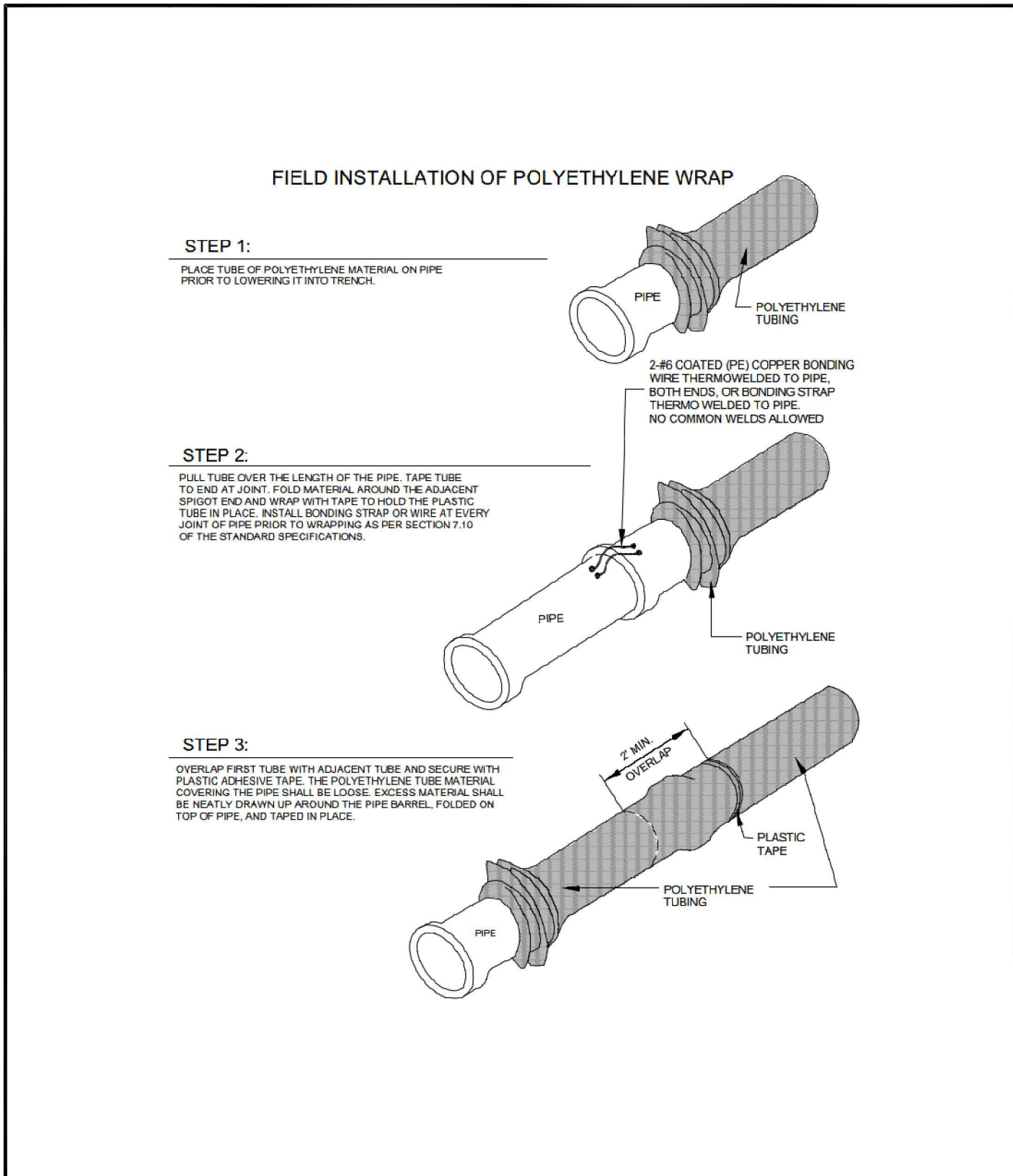
VALVE INSTALLATION & LOCATION

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|------------------|------------------------|----------------------|---|------------|
| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-5 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



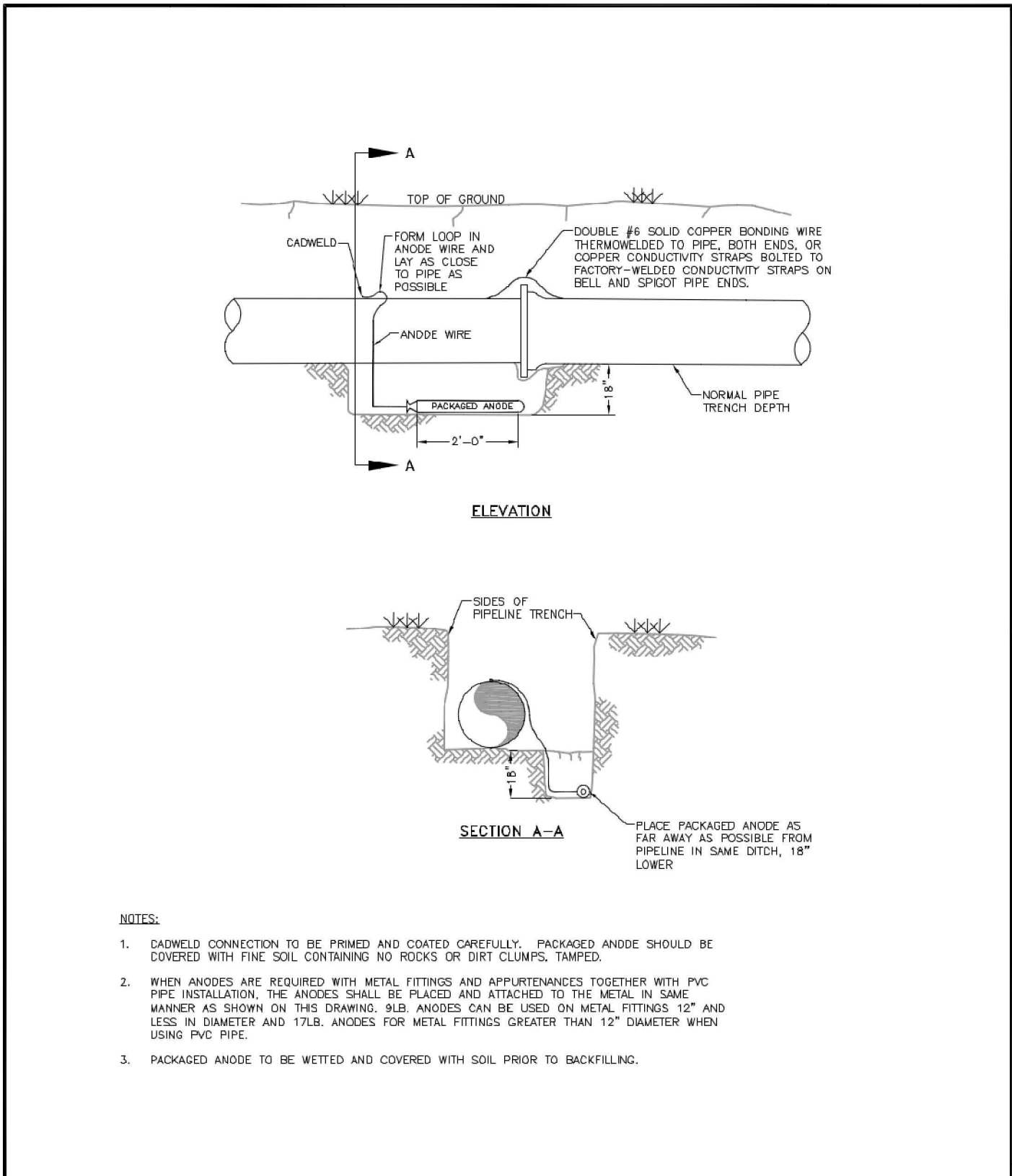
VALVE BOX INSTALLATION

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|------------------|------------------------|----------------------|---|------------|
| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-6 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



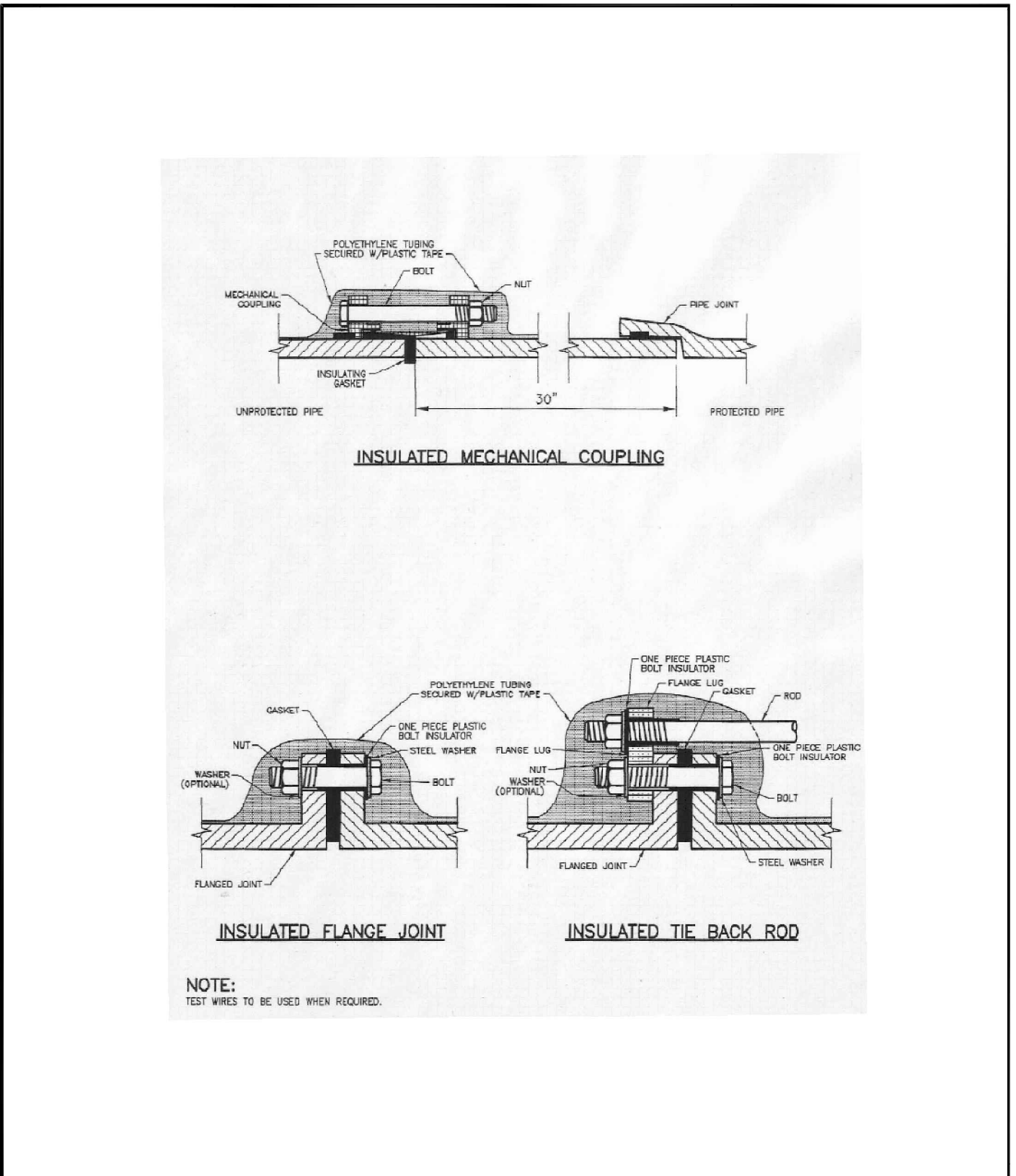
POLYETHYLENE WRAP

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| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-7 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



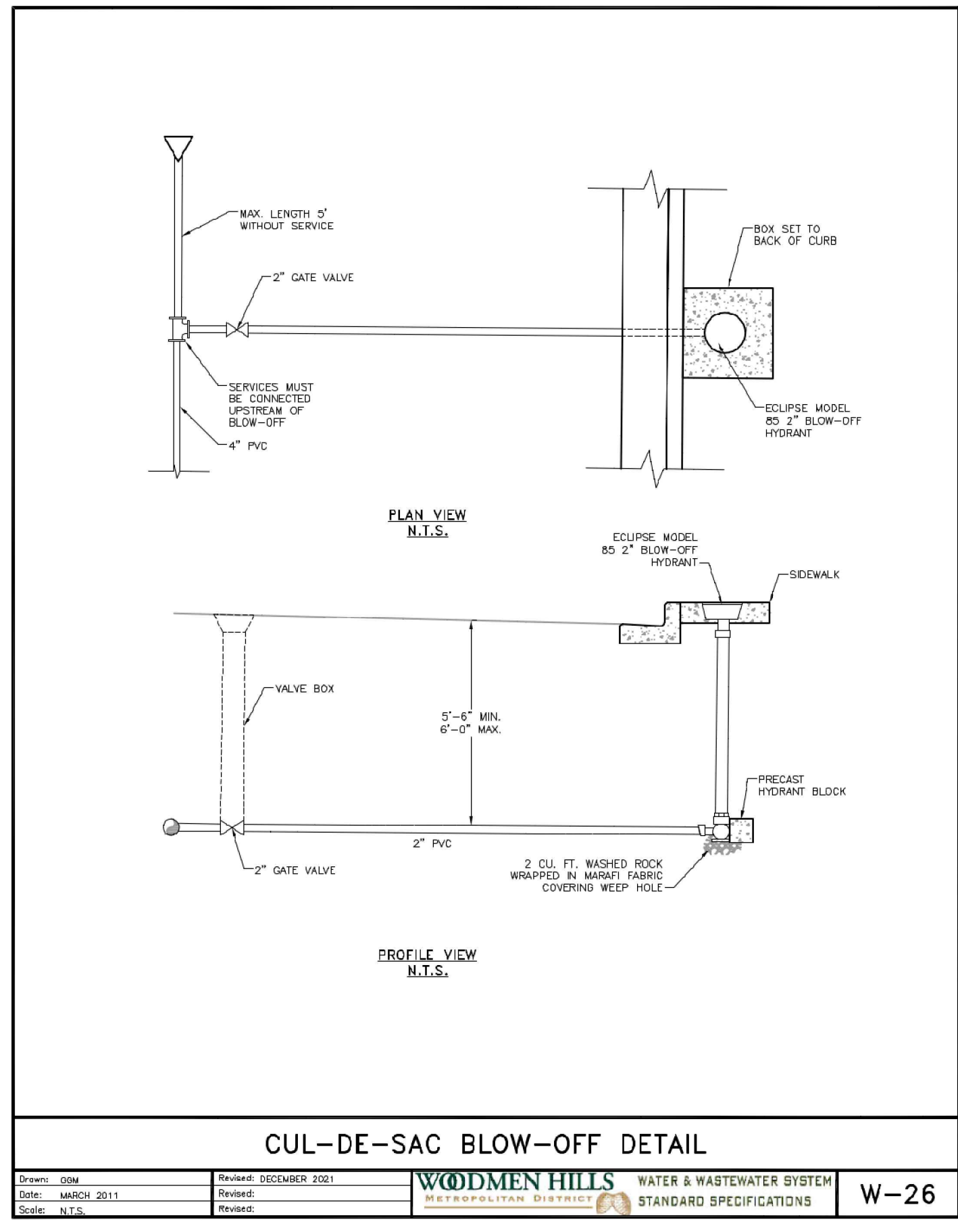
BONDING JOINT & ANODE INSTALLATION

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| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-8 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



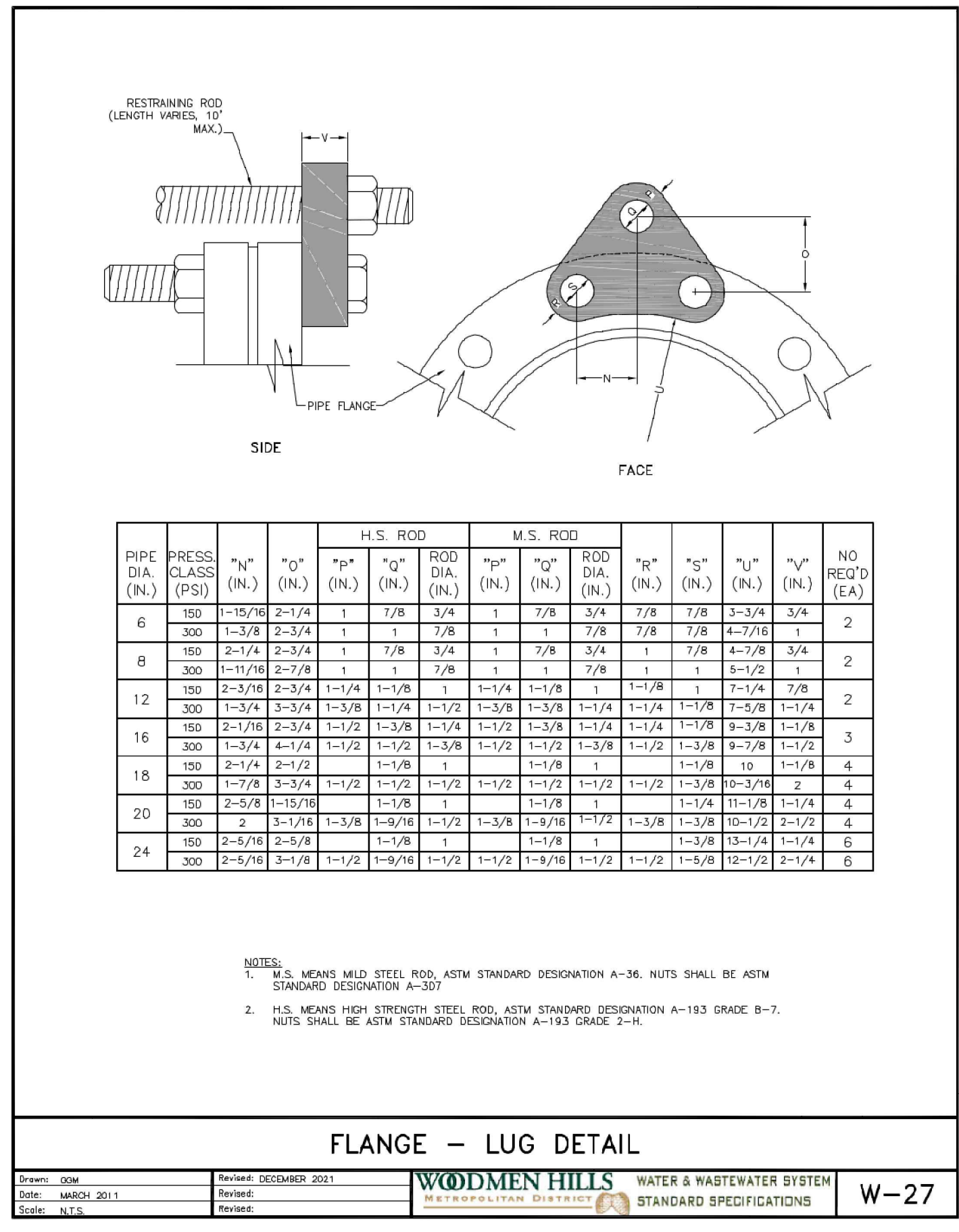
INSULATOR INSTALLATION

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| Drawn: JDM | Revised: DECEMBER 2021 | WOODMEN HILLS | WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-9 |
| Date: MARCH 2011 | Revised: | | | |
| Scale: N.T.S. | Revised: | | | |



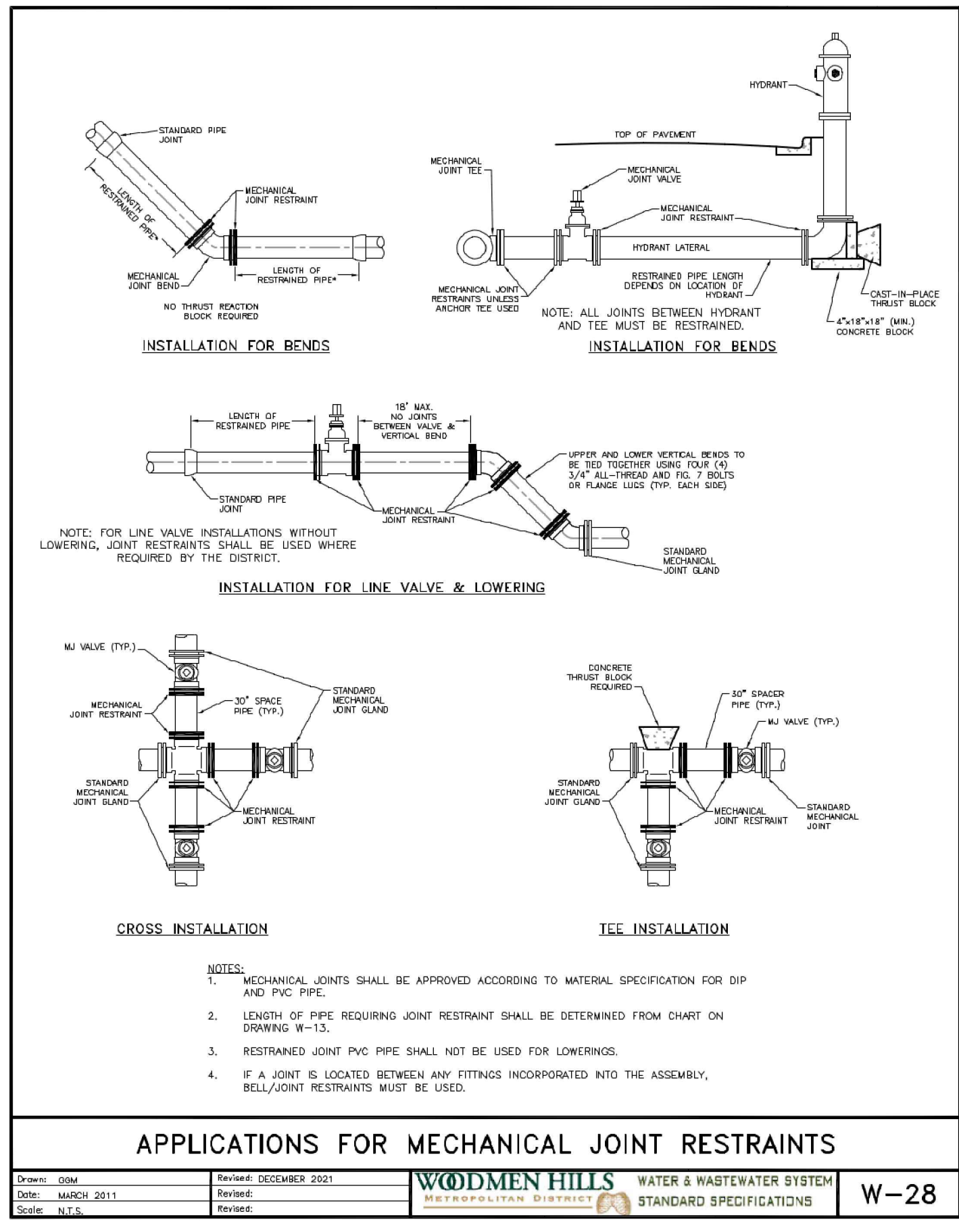
CUL-DE-SAC BLOW-OFF DETAIL

| | | | |
|------------------|-------------------------|--|------|
| Drawn: OSM | Reviewed: DECEMBER 2021 | WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-26 |
| Date: MARCH 2011 | Revised: | | |
| Scale: N.T.S. | Revise: | | |



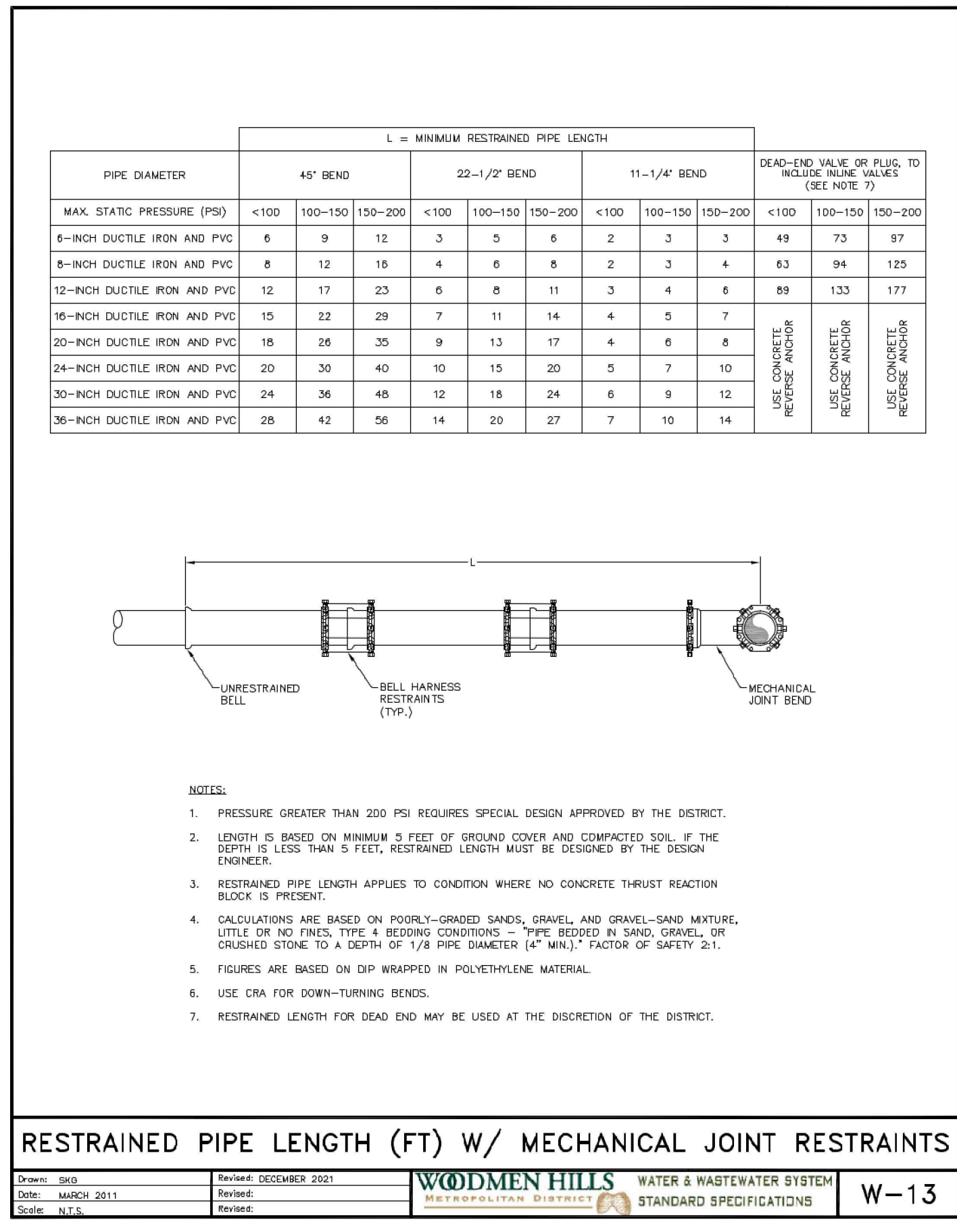
FLANGE - LUG DETAIL

| | | | |
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| Drawn: OSM | Reviewed: DECEMBER 2021 | WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-27 |
| Date: MARCH 2011 | Revised: | | |
| Scale: N.T.S. | Revise: | | |

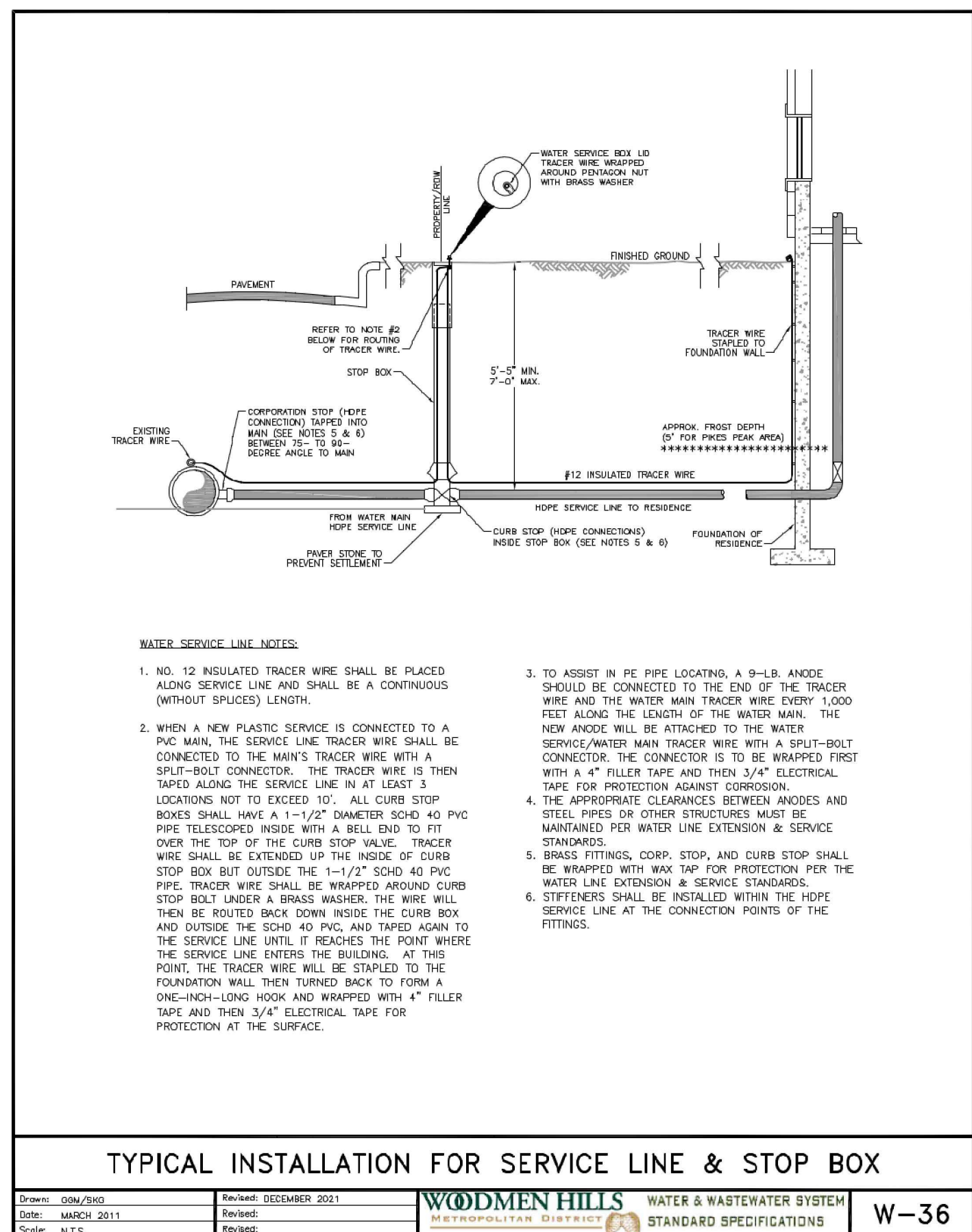


APPLICATIONS FOR MECHANICAL JOINT RESTRAINTS

| | | | |
|------------------|-------------------------|--|------|
| Drawn: OSM | Reviewed: DECEMBER 2021 | WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-28 |
| Date: MARCH 2011 | Revised: | | |
| Scale: N.T.S. | Revise: | | |

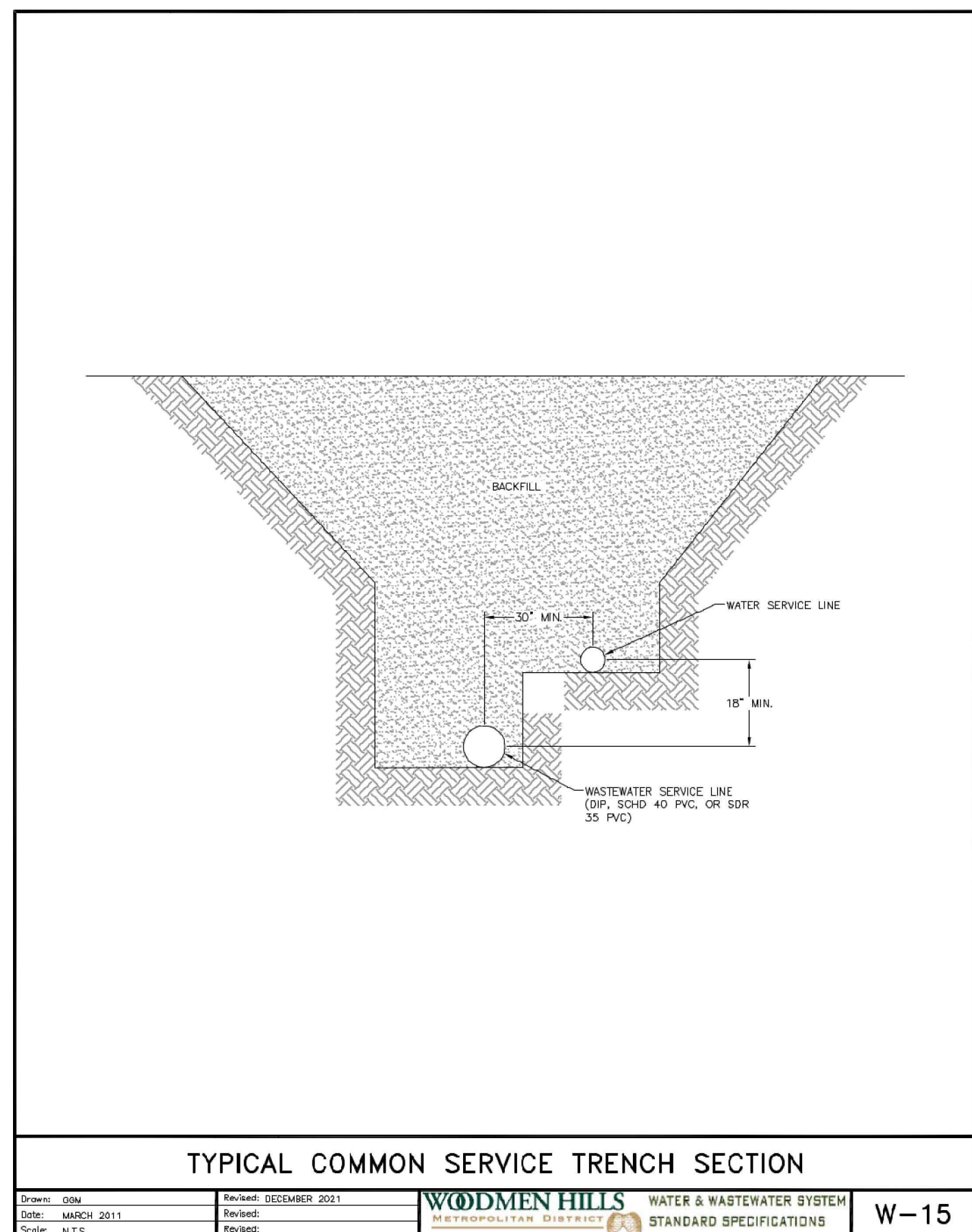


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| Drawn: OSM | Reviewed: DECEMBER 2021 | WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-13 |
| Date: MARCH 2011 | Revised: | | |
| Scale: N.T.S. | Revise: | | |



TYPICAL INSTALLATION FOR SERVICE LINE & STOP BOX

| | | | |
|------------------|-------------------------|--|------|
| Drawn: OSM/2/03 | Reviewed: DECEMBER 2021 | WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-36 |
| Date: MARCH 2011 | Revised: | | |
| Scale: N.T.S. | Revise: | | |



TYPICAL COMMON SERVICE TRENCH SECTION

| | | | |
|------------------|-------------------------|--|------|
| Drawn: OSM | Reviewed: DECEMBER 2021 | WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS | W-15 |
| Date: MARCH 2011 | Revised: | | |
| Scale: N.T.S. | Revise: | | |

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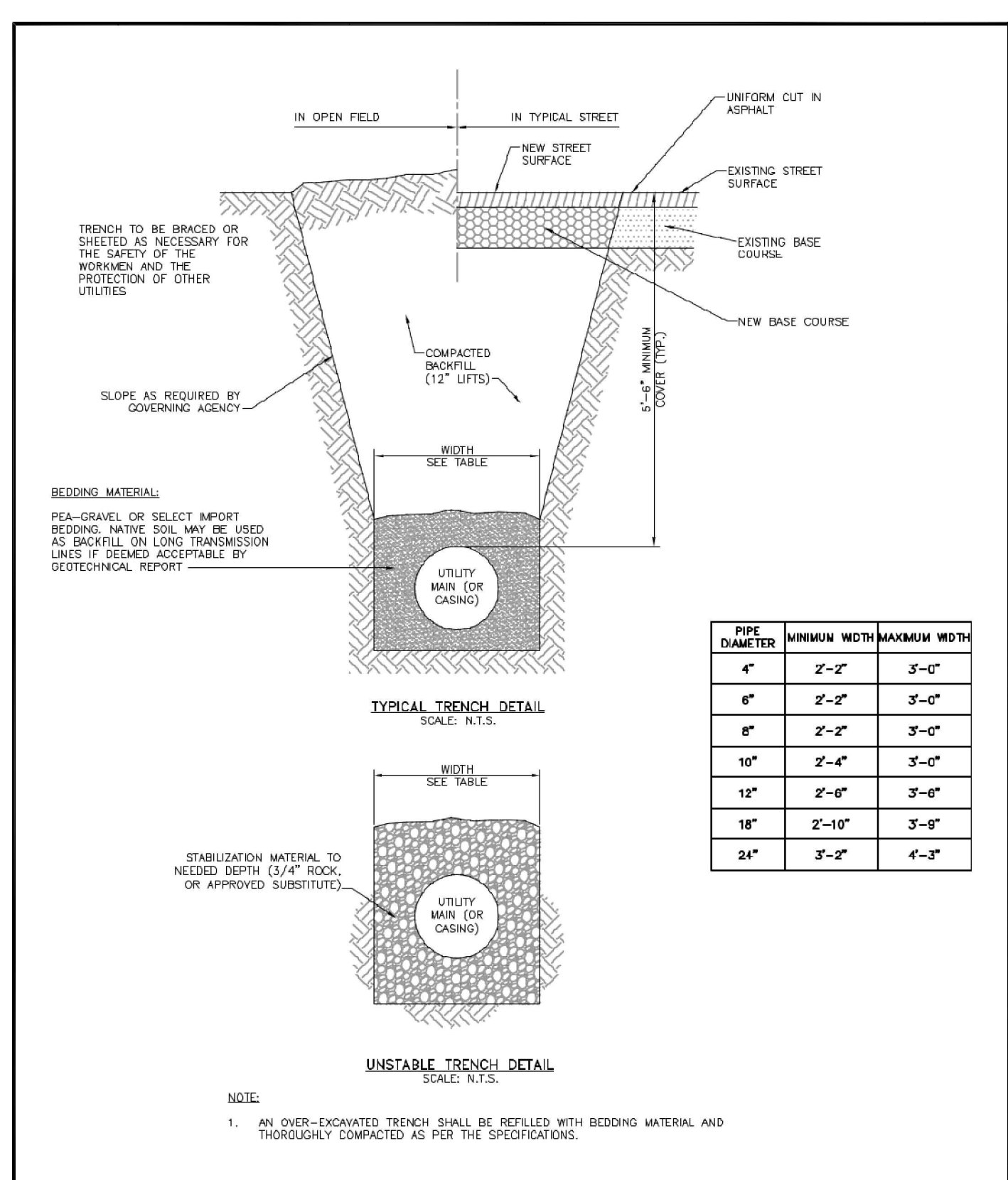
D.R. HORTON
 America's Builder

UTILITY CONSTRUCTION PLANS
 GRANDVIEW RESERVE FILING NO. 1
 MELODY HOMES, INC.
 SF2311
 EASTONVILLE RD & REX RD
 EL PASO COUNTY, FALCON, CO 80831

| # | Date | Issue / Description | Init. |
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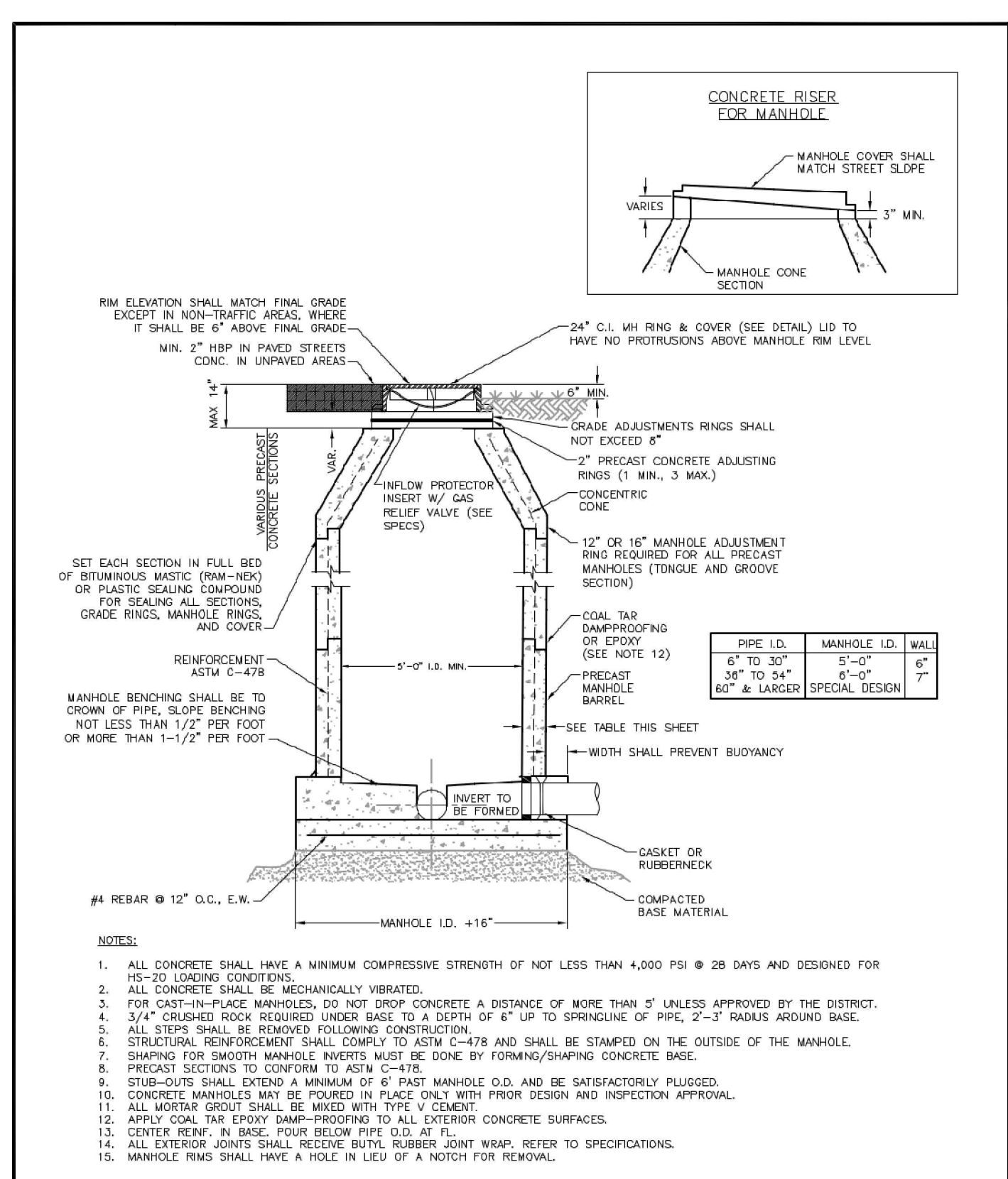
| | |
|-------------|---------------|
| Project No: | HRG02 |
| Drawn By: | JDM, BLB, CJM |
| Checked By: | BAS, CMWJ |
| Date: | 03/15/2024 |

| # | Date | Issue / Description | Init. |
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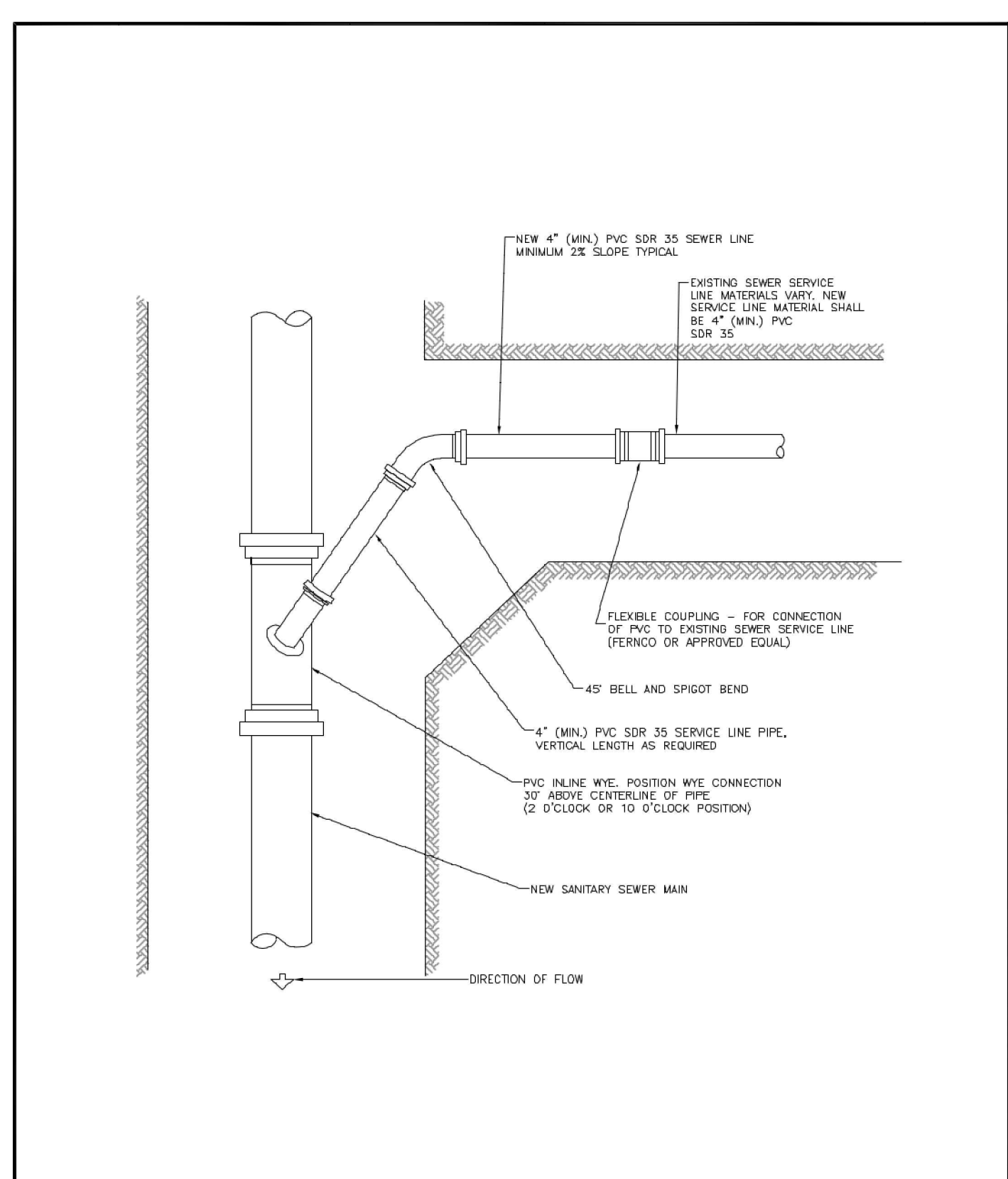
| PIPE DIAMETER | MINIMUM WIDTH | MAXIMUM WIDTH |
|---------------|---------------|---------------|
| 4" | 2'-2" | 3'-0" |
| 6" | 2'-2" | 3'-0" |
| 8" | 2'-2" | 3'-0" |
| 10" | 2'-4" | 3'-0" |
| 12" | 2'-6" | 3'-0" |
| 18" | 2'-10" | 3'-0" |
| 24" | 3'-2" | 4'-3" |

Drawn: OWA/OWB
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-1

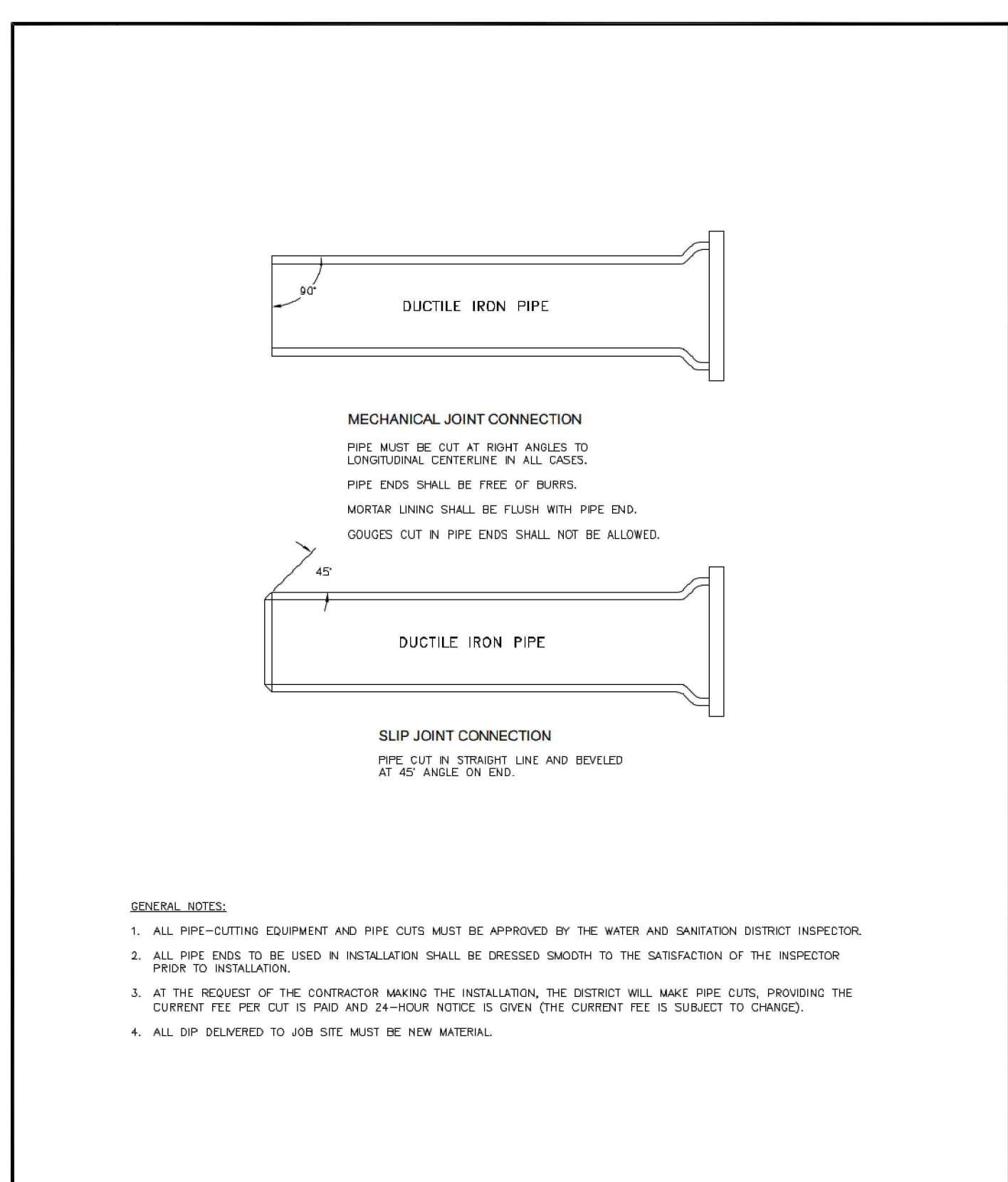


| PIPE I.D. | MANHOLE I.D. | WALL |
|--------------|----------------|------|
| 6" TO 30" | 5'-0" | 6" |
| 36" TO 24" | 6'-0" | 7" |
| 60" & LARGER | SPECIAL DESIGN | 7" |

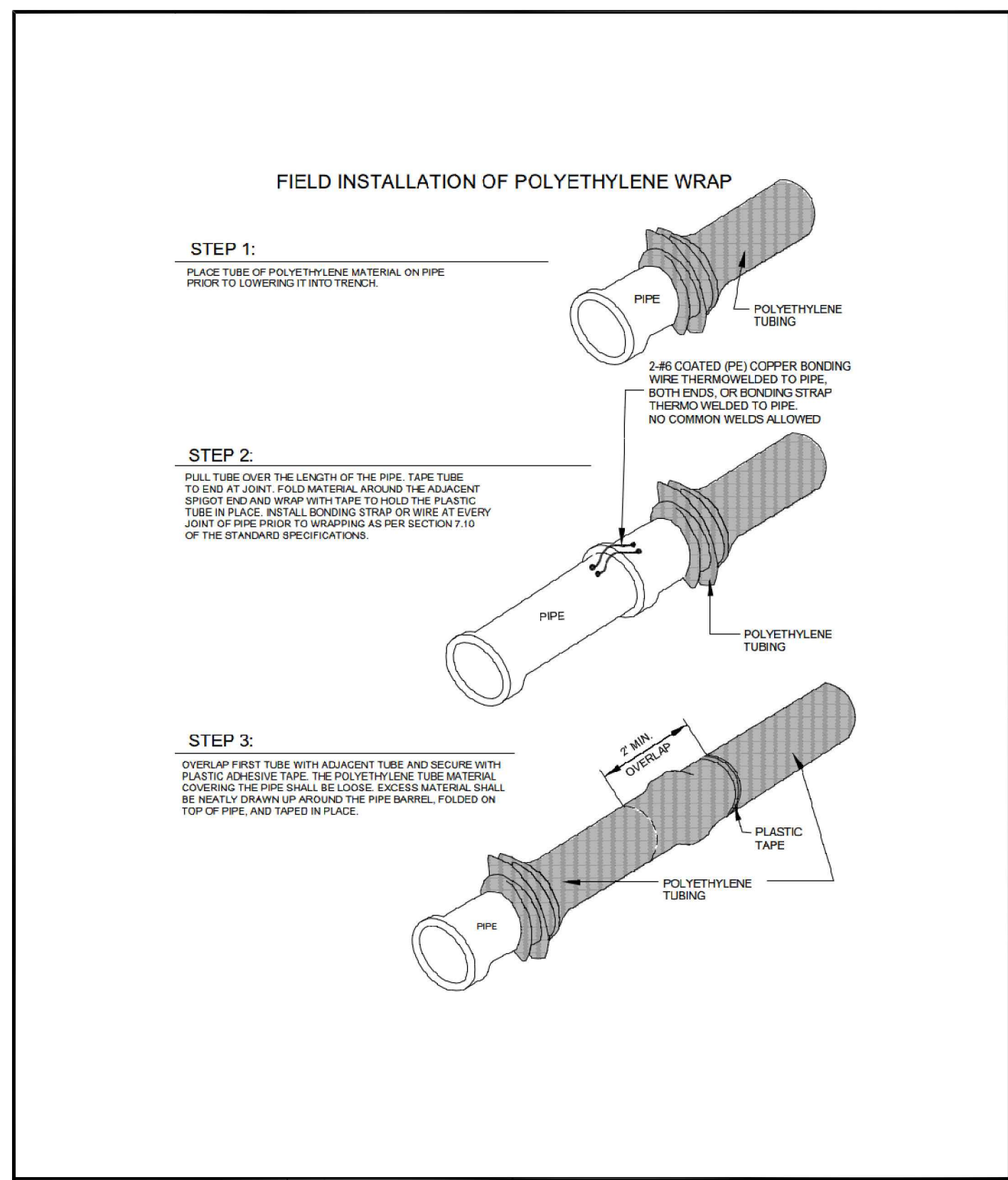
Drawn: OWA/OWB
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-2



Drawn: OWA
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-4



Drawn: OWA
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-8



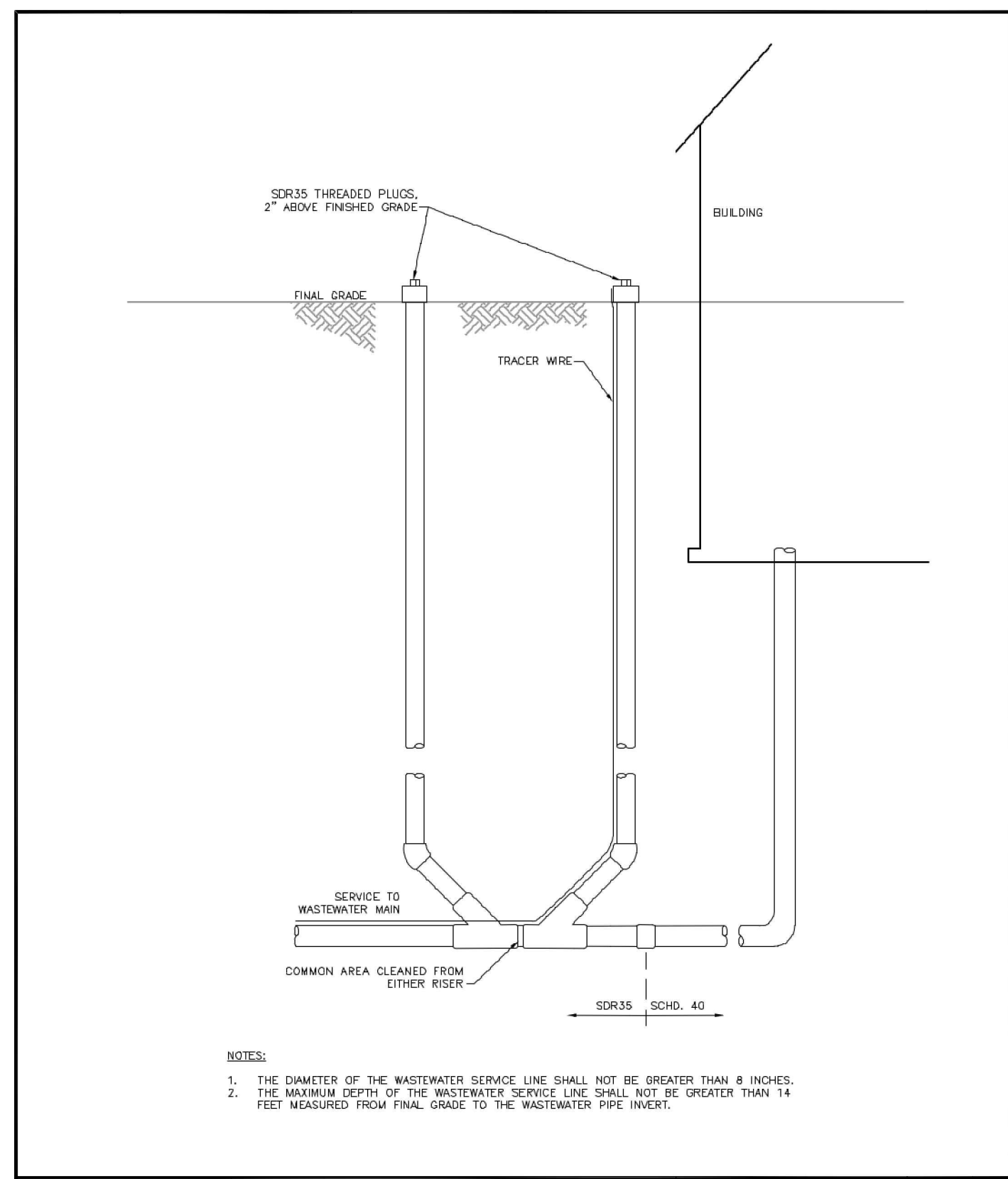
Drawn: OWA
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-9

MAXIMUM DEFLECTION PER SLIP JOINT OF D.I.P.

| PIPE DIAMETER I.D. (N) O.D. (N) O.D. (FT) | MFRS. DEF'L | DESIGN DEFLECTION (BOX MAX.) | | APPROX. RADIUS FOR DEFLECTING CURVES WITHOUT BENDS | | | | |
|--|-------------|------------------------------|----------|--|-----|-------|------|------|
| | | MAX. DEF'L | DIST. | (1) | (2) | | | |
| 4" | 4.80" | .400" | 5'00"00" | 4'00"00" | 18" | 20'0" | 18' | |
| 6" | 6.90" | .575" | 5'00"00" | 4'00"00" | 16" | 15' | 280' | 258' |
| 8" | 9.05" | .754" | 5'00"00" | 4'00"00" | 16" | 15' | 286' | 258' |
| 10" | 11.10" | .925" | 5'00"00" | 4'00"00" | 16" | 15' | 286' | 258' |
| 12" | 13.20" | 1.100" | 5'00"00" | 4'00"00" | 16" | 15' | 286' | 258' |
| 14" | 15.30" | 1.275" | 5'00"00" | 2'24"00" | 10" | 9" | 477' | 430' |
| 16" | 17.40" | 1.450" | 5'00"00" | 2'24"00" | 10" | 9" | 477' | 430' |
| 18" | 19.50" | 1.625" | 5'00"00" | 2'24"00" | 10" | 9" | 477' | 430' |
| 20" | 21.60" | 1.800" | 5'00"00" | 2'24"00" | 10" | 9" | 477' | 430' |
| 24" | 25.90" | 2.150" | 5'00"00" | 2'24"00" | 10" | 9" | 477' | 430' |
| 30" | 32.00" | 2.660" | 5'00"00" | 2'00"00" | 8" | 7" | 573' | 516' |
| 36" | 38.30" | 3.192" | 5'00"00" | 1'36"00" | 6" | 6" | 716' | 645' |
| 42" | 44.50" | 3.708" | 5'00"00" | 1'36"00" | 6" | 6" | 716' | 645' |

(1) 20'L = NORMAL 20-FOOT JOINT LAYING LENGTH
(2) 18'L = NORMAL 18-FOOT JOINT LAYING LENGTH

Drawn: OWA
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-11



Drawn: OWA
Date: MARCH 2011
Scale: N.P.S.
Reviewed: DECEMBER 2021
Revised:
WOODMEN HILLS WATER & WASTEWATER SYSTEM STANDARD SPECIFICATIONS
WW-3