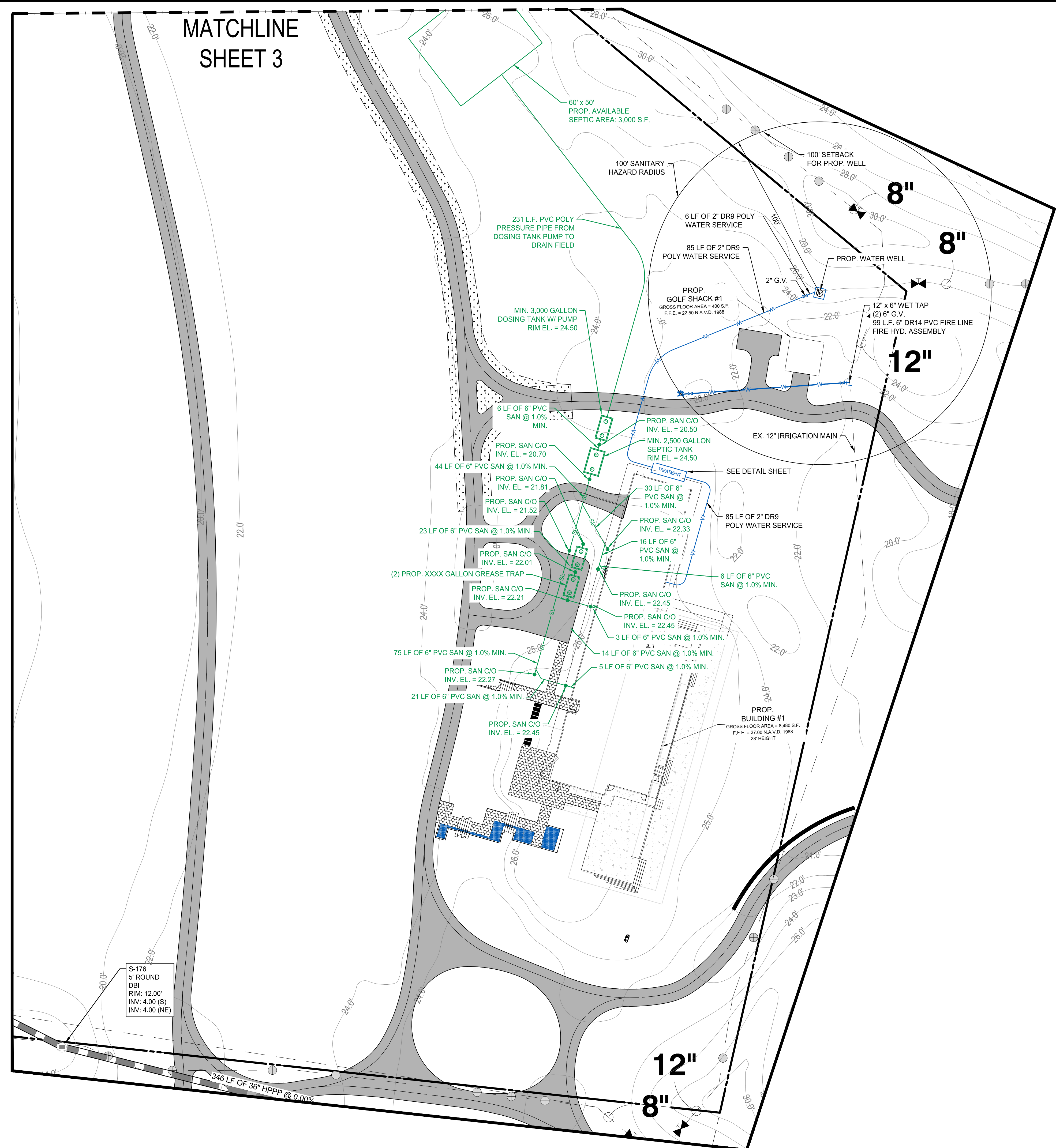
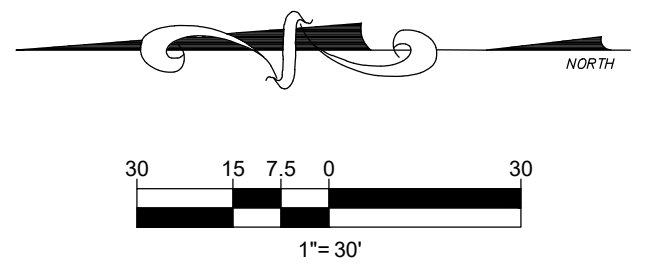


MATCHLINE
SHEET 3



LEGEND			
	HANDICAP STALL		PROPOSED STORM STRUCTURE
	TRAFFIC FLOW DIRECTION		PROPOSED MITERED END SECTION
	NUMBER OF PARKING SPACES		PROPOSED DRAINAGE PIPE
	PROPOSED ASPHALT PAVEMENT		PROPOSED SANITARY CLEAN OUT
	PROPOSED CONCRETE SIDEWALK		PROPOSED SANITARY LATERAL
	EXISTING LITTORAL		PROPOSED POTABLE WATER WELL
	EXISTING MITERED END SECTION		PROPOSED POTABLE WATER LINE
	EXISTING DRAINAGE PIPE		EXISTING EDGE OF PAVEMENT
	EXISTING FENCE		EXISTING OVERHEAD POWER POLE W/ ELEC.



- NOTES:
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SOUTH MARTIN REGIONAL UTILITY (SMRU) STANDARDS MANUAL, 2021 EDITION AS WELL AS THE SMRU UTILITY STANDARD DETAILS, 2021 EDITION. A COPY OF THE 2021 EDITION OF THE SMRU UTILITY STANDARDS MANUAL AND UTILITY STANDARD DETAILS SHALL BE AVAILABLE ON-SITE AT ALL TIMES UTILITY RELATED WORK IS BEING PERFORMED.
 - PRIOR TO CONSTRUCTION IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY (ELEVATION AND LOCATION) ALL EXISTING UTILITIES. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR (EOR) TO CONTINUATION OF WORK.
 - THERE SHALL BE NO FIELD CHANGES OR DEVIATIONS FROM DESIGN WITHOUT PRIOR WRITTEN APPROVAL OF THE PLSUSD AND EOR.
 - ELEVATIONS - ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - ALL WATER AND WASTEWATER PRESSURE MAINS SHALL BE PVC, C-900, DR18 (PRESSURE CLASS 150).
 - ALL GRAVITY SEWER PIPE, FITTINGS AND SERVICE LINES SHALL BE PVC, SDR 26 AND, AS A MINIMUM, CONFORM TO ASTM D-3034.
 - VALVES SHALL NOT BE PLACED IN CURBS, GUTTERS, SIDEWALKS, PARKING SPACES AND HANDICAP RAMPS. WHERE CONCRETE VALVE PADS TO BE OWNED BY PLSUSD ARE ADJACENT TO SIDEWALKS, THE PADS SHALL BE POURED AS PART OF THE SIDEWALK POUR WITH NO JOINTS.

GENERAL UTILITY CONSTRUCTION NOTES:

- LOCATION OF UTILITIES AND SERVICE POINTS ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES.
- WATER MAIN PRESSURE TESTING: 150 PSI. FORCE MAIN PRESSURE TESTING: 100 PSI.
- HYDROSTATIC TESTS CONSISTING OF PRESSURES TEST AND LEAKAGE TEST SHALL BE CONDUCTED ON ALL NEWLY INSTALLED WATER DISTRIBUTION SYSTEM PRESSURE PIPES AND APPURTENANCES. THE TESTS SHALL BE IN ACCORDANCE WITH AWWA C-600 OR M-23 AS APPLICABLE.
- DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C-651, DISINFECTING WATER MAINS.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE PLSUSD. ALL WATER MAINS SHALL BE C900 PVC.
- FOR ITEMS NOT ADDRESSED IN PLSUSD SPECIFICATIONS, FOLLOW FDOT STANDARD SPECIFICATIONS, LATEST EDITION.
- BACKFLOW PREVENTER SHALL BE REDUCED PRESSURE ZONE UNIT IN ACCORDANCE WITH DEPARTMENT OF ENVIRONMENTAL PROTECTION AND PLSUSD STANDARDS.
- SLOPES FOR 4" SEWER SERVICES TO BE MINIMUM 2% AND SLOPES FOR 6" SEWER SERVICES TO BE MINIMUM 1% UNLESS OTHERWISE SHOWN ON PLAN.
- SPACE CLEANOUTS NOT MORE THAN 7'5" APART.
- POTHOLE TO VERIFY ELEVATION OF EXISTING UTILITY LINES.
- SEE GENERAL CONSTRUCTION NOTES SHEET 4 FOR ADDITIONAL SPECIFICATIONS.

NOTE:
THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICKUP, REMOVAL, AND DISPOSAL OF LITTER WITHIN THE PROJECT LIMITS AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE AREA FROM THE EDGE OF PAVEMENT TO THE PROPERTY LINE WITHIN THE COUNTY'S RIGHT-OF-WAY.

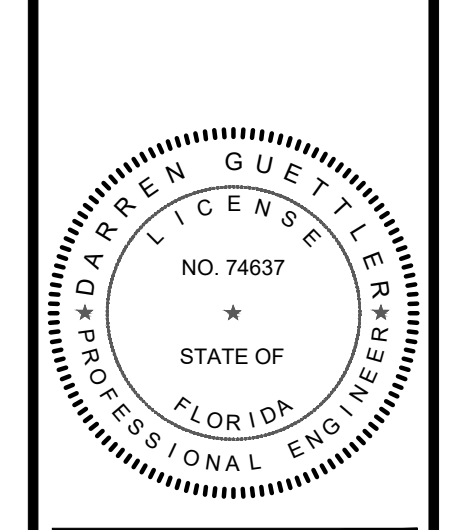
NOTE:
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REVISIONS:	
BY:	DATE: COMMENT:

PROJECT:
**GOLF HOUSE/
PERFORMANCE CENTER
TRACT**

CLIENT:
**DISCOVERY
LAND
DEVELOPMENT**
MARTIN COUNTY
FLORIDA

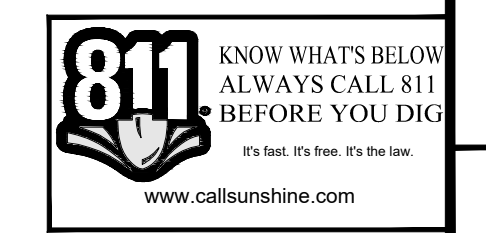


DARREN GUETTLER, PE
FLORIDA LICENSE NO. 74637
1/24/24

PROJECT No.: 23-1028
DRAWN BY: LG
CHECKED BY: JM
DATE: 10/31/2023
CAD ID: 23-1030 WS PLAN

SHEET TITLE:
**WATER AND
SEWER PLAN**

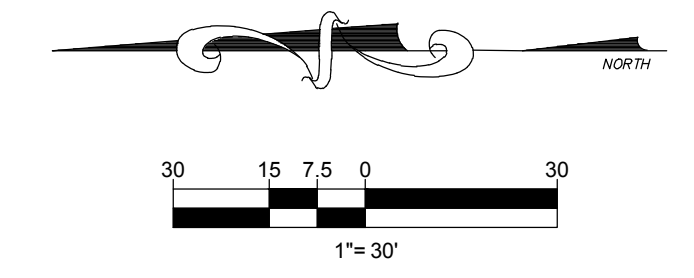
SHEET NUMBER:
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LEGEND			
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	TRAFFIC FLOW DIRECTION		PROPOSED MITERED END SECTION
	NUMBER OF PARKING SPACES		PROPOSED DRAINAGE PIPE
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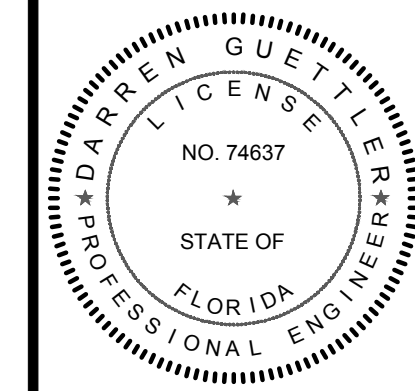
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TRACT**

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**DISCOVERY
LAND
DEVELOPMENT**
MARTIN COUNTY
FLORIDA

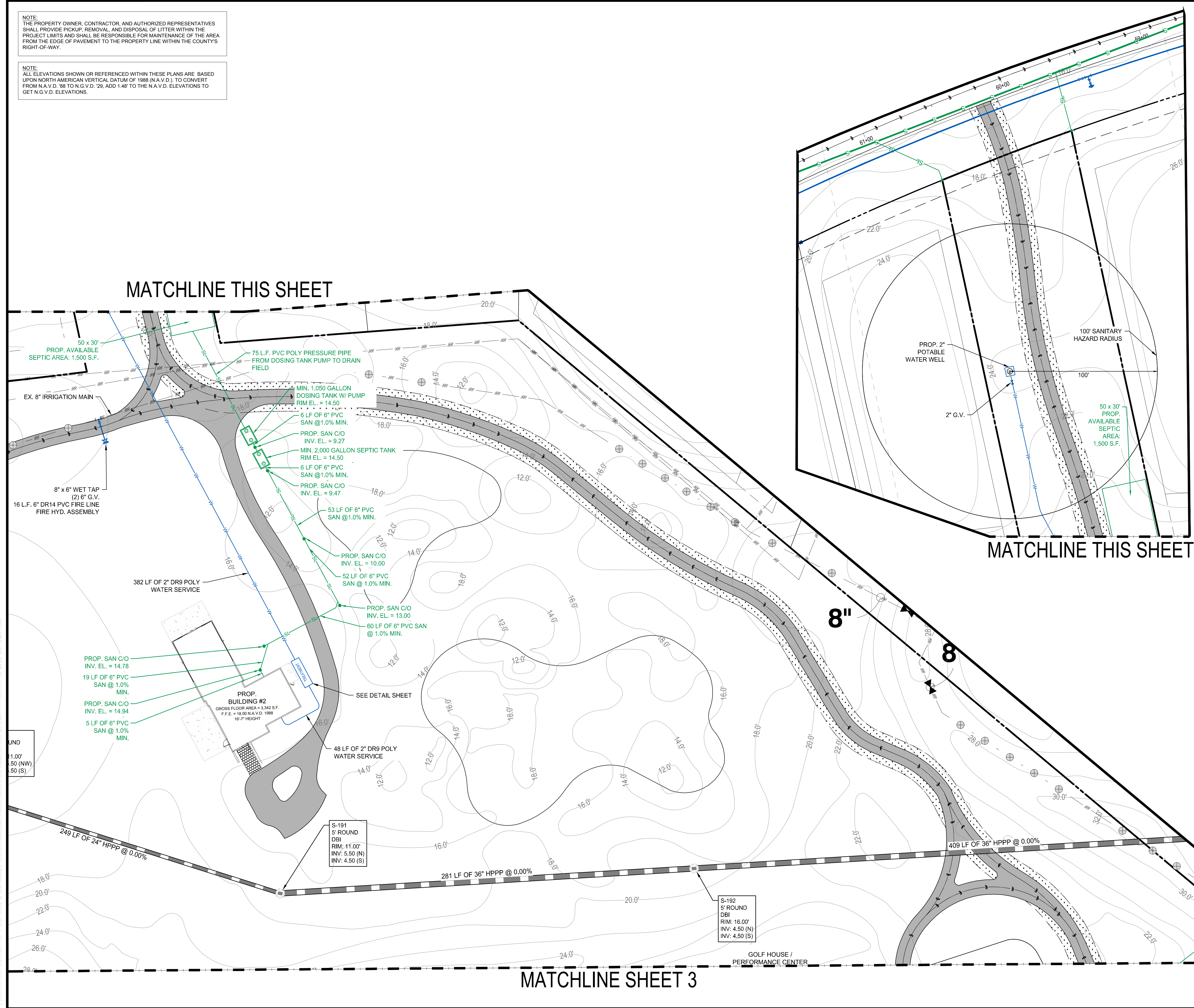


DARREN GUETTLER, PE
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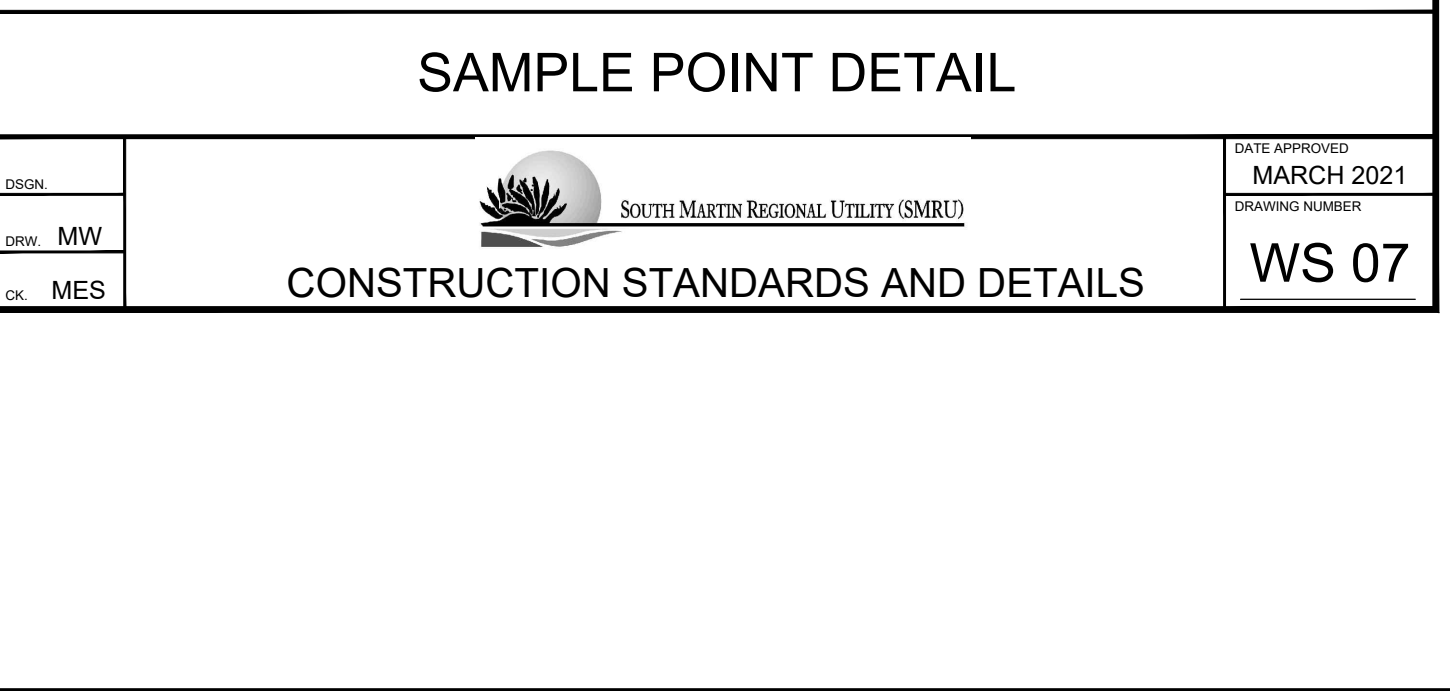
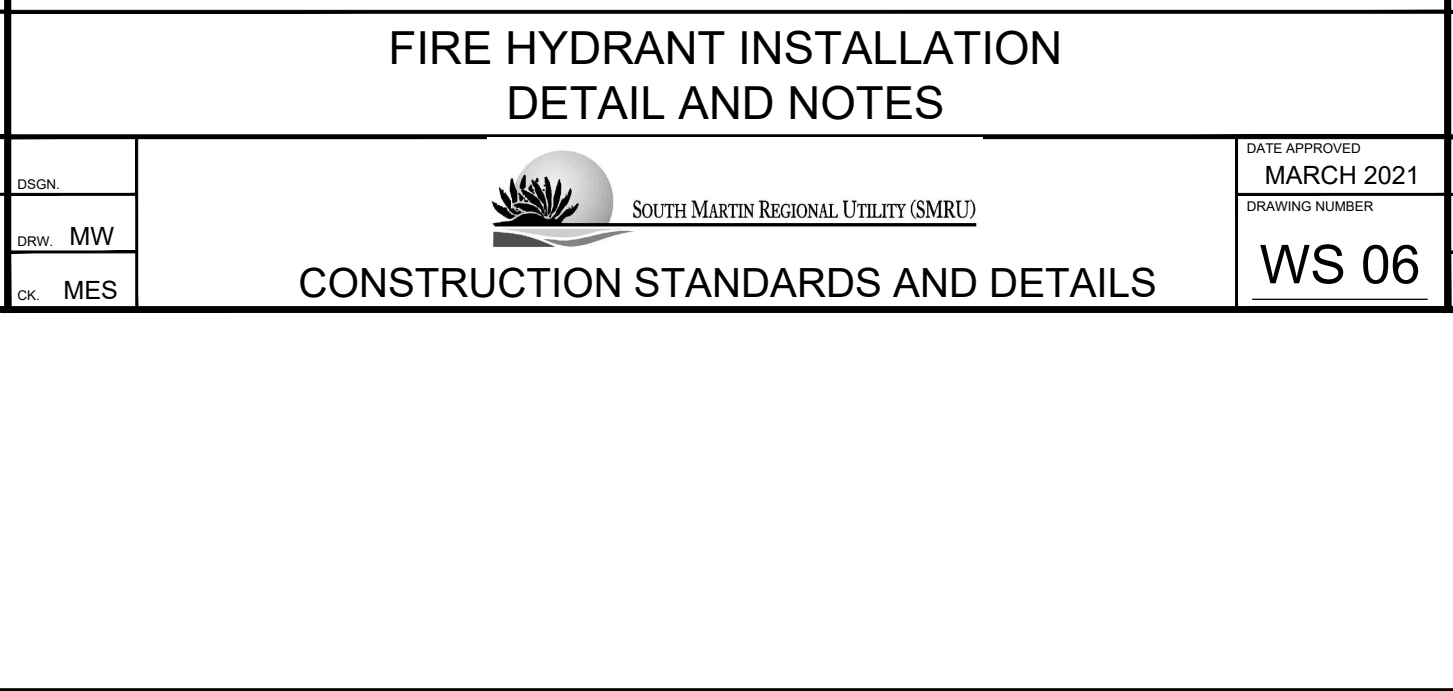
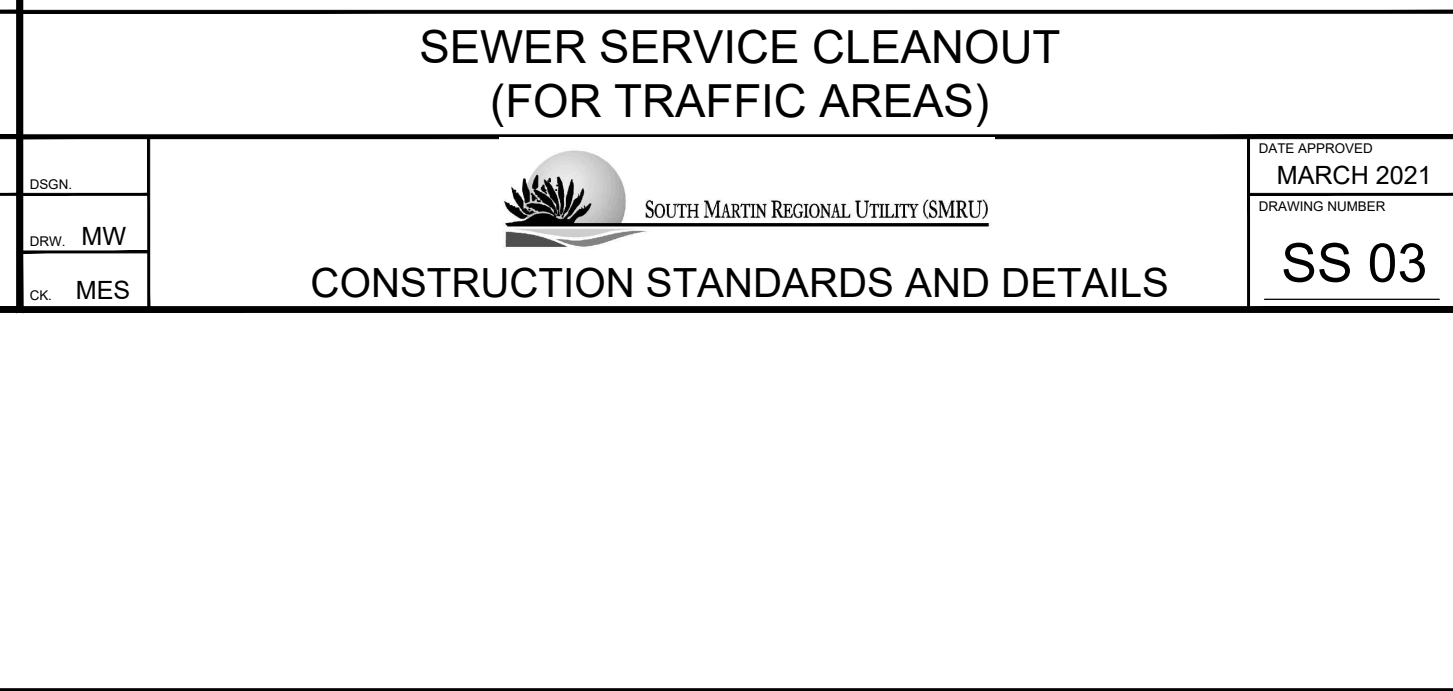
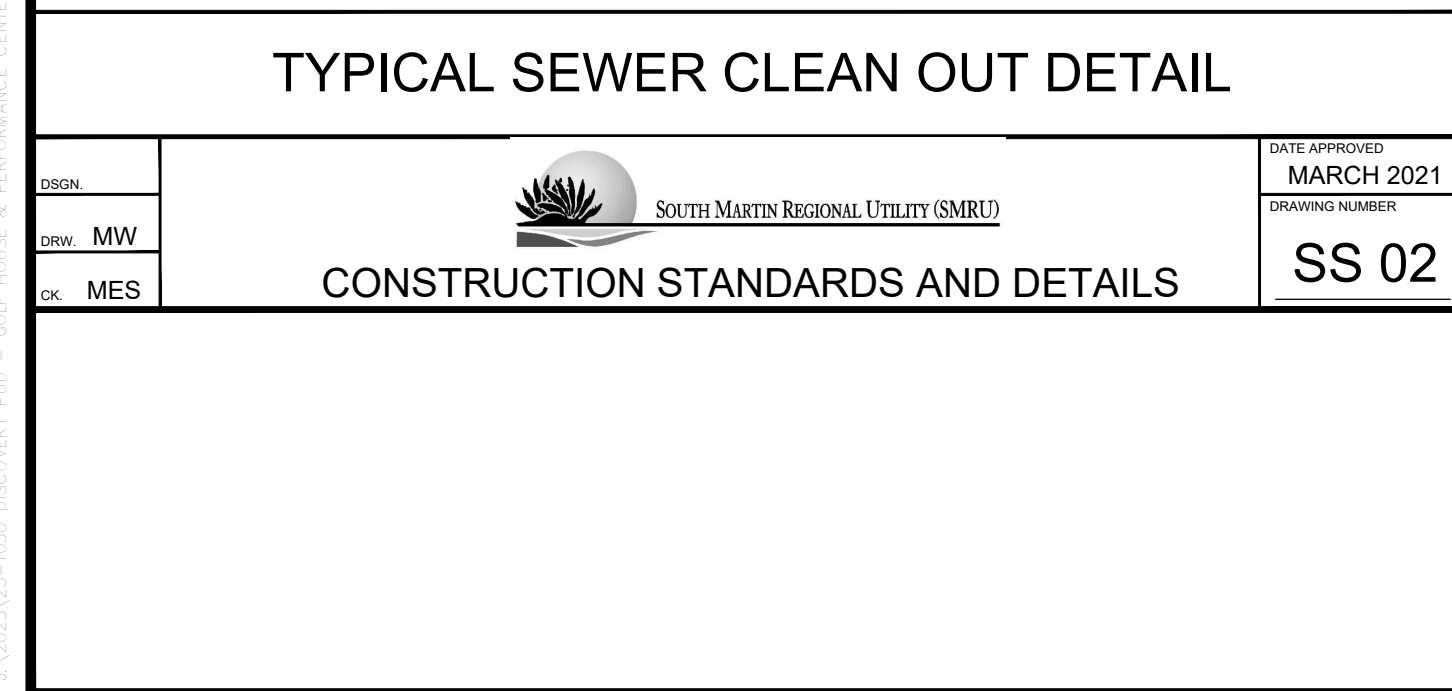
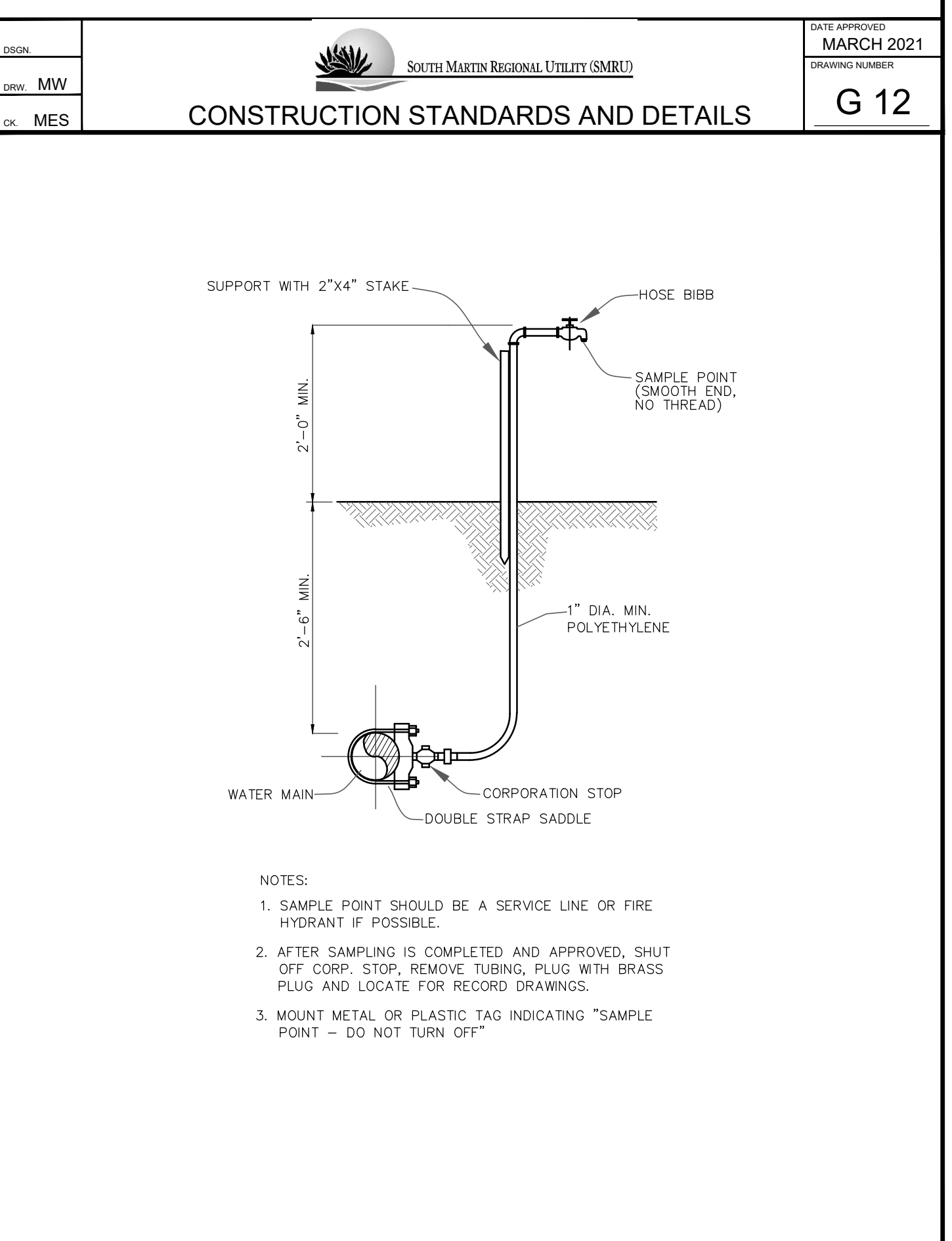
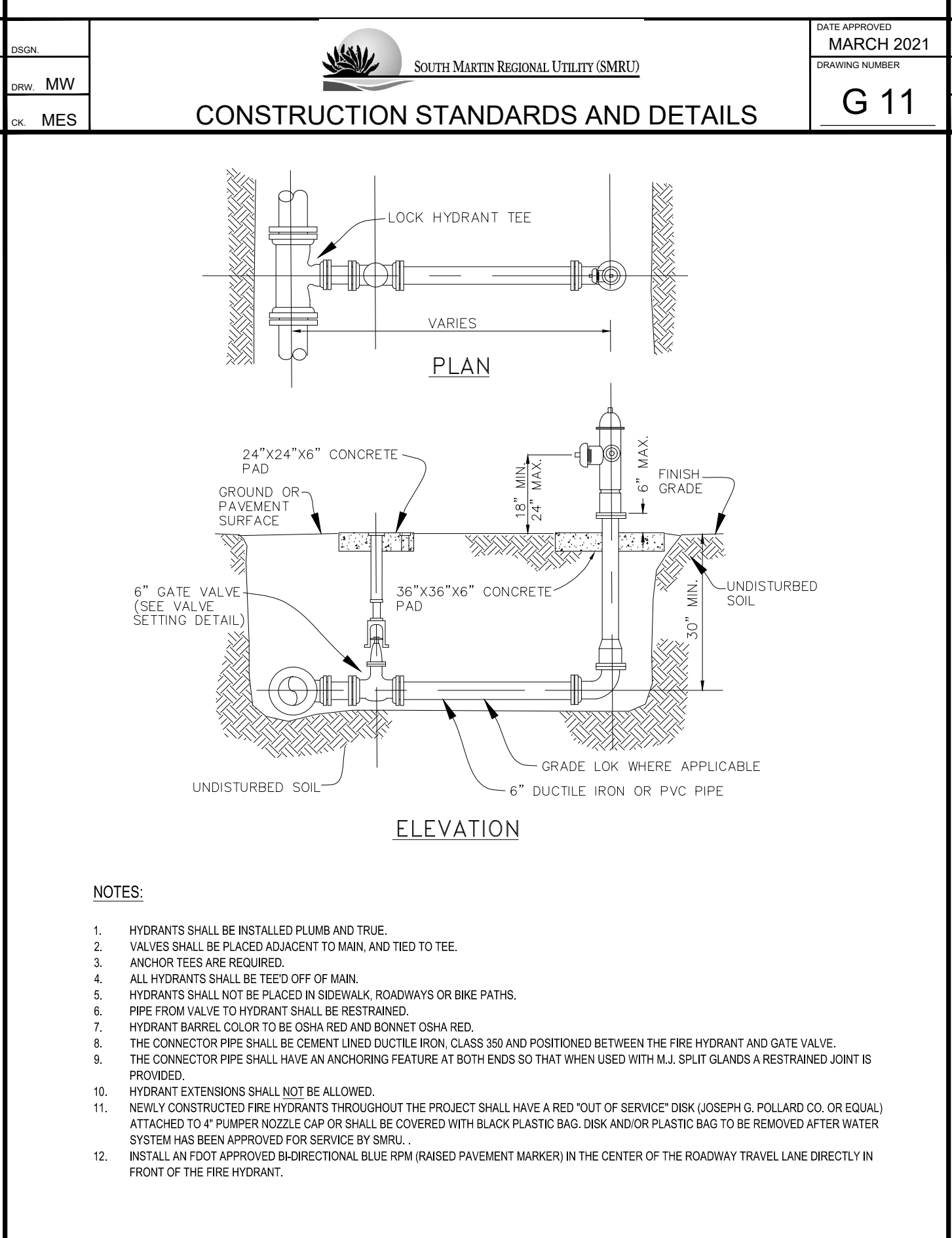
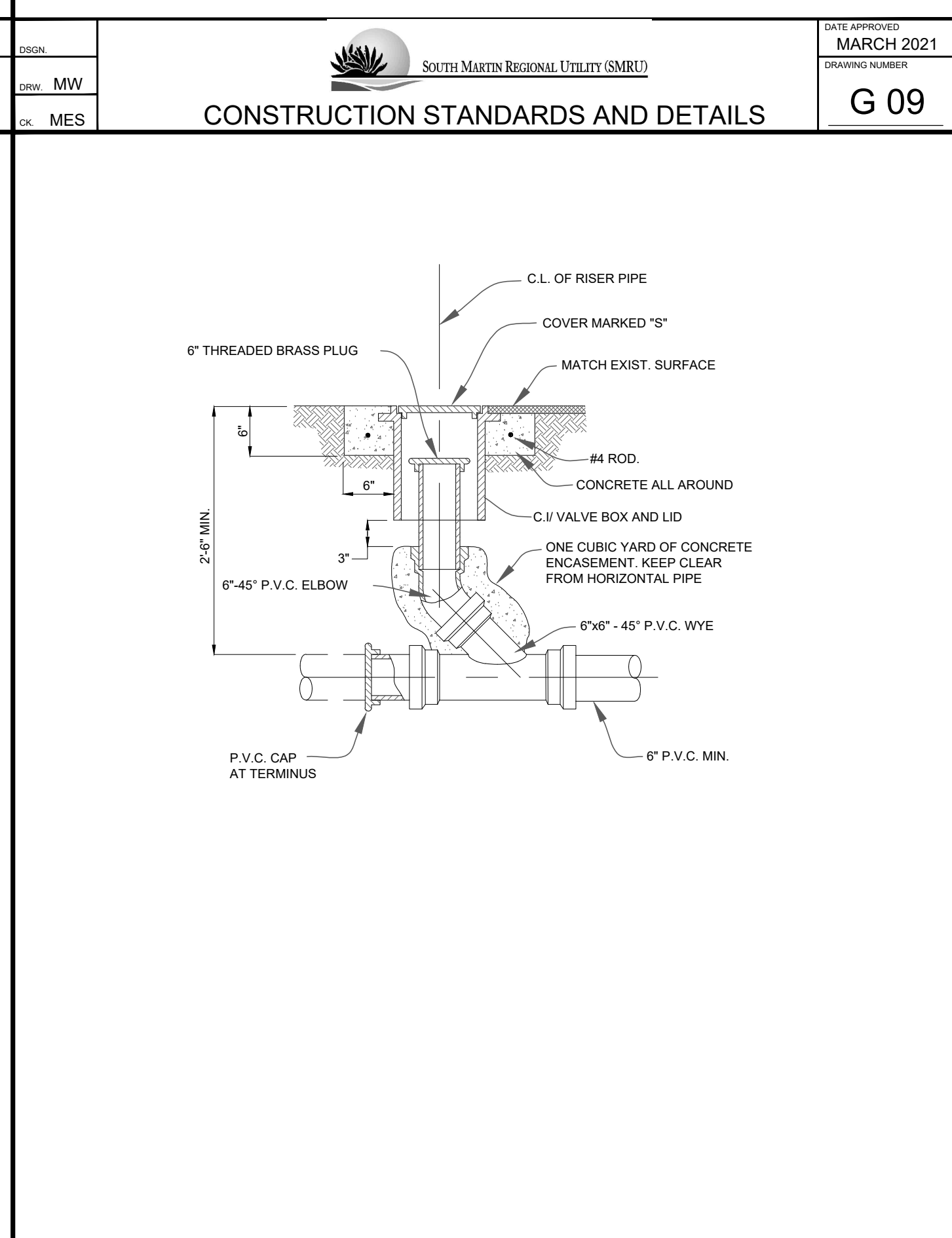
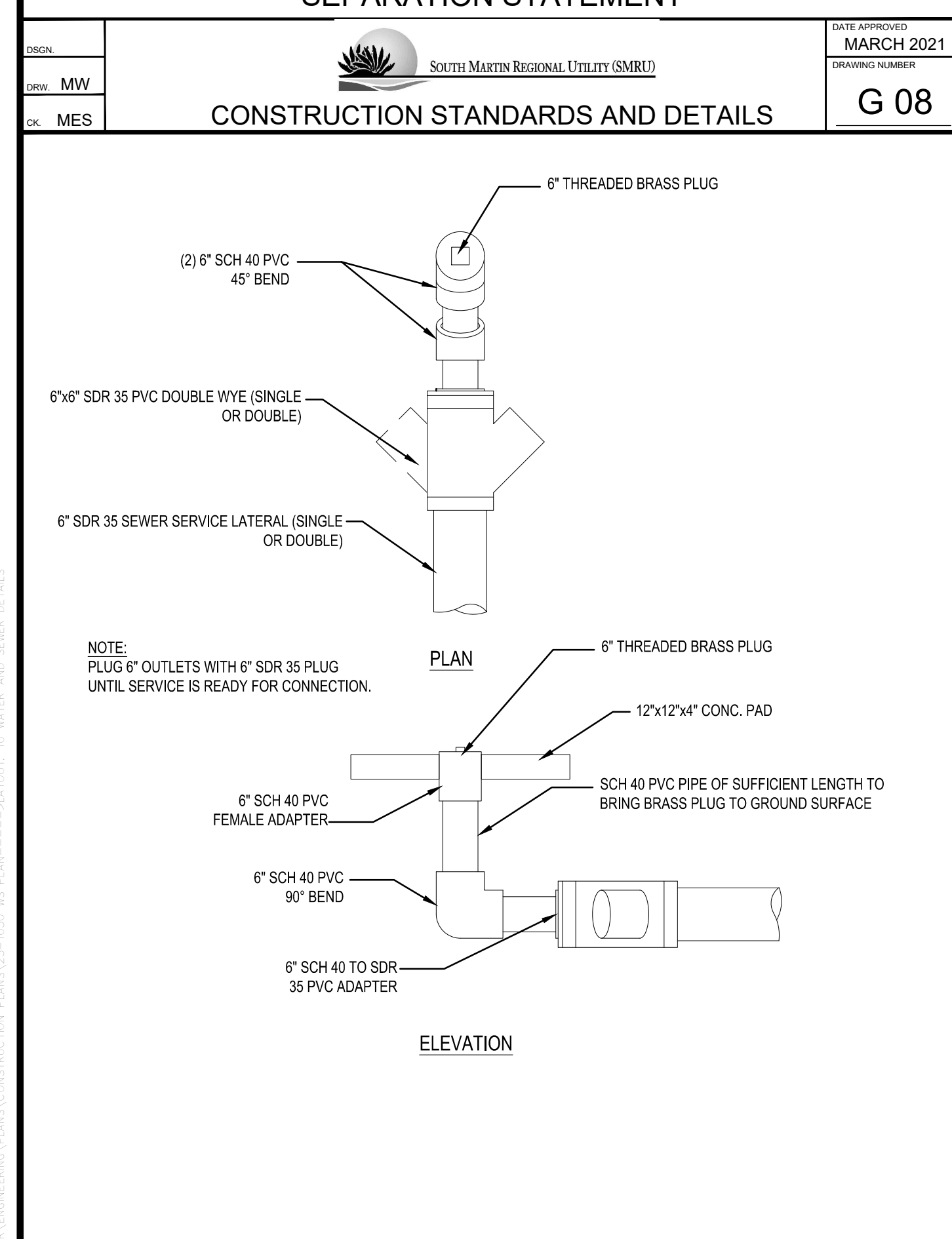
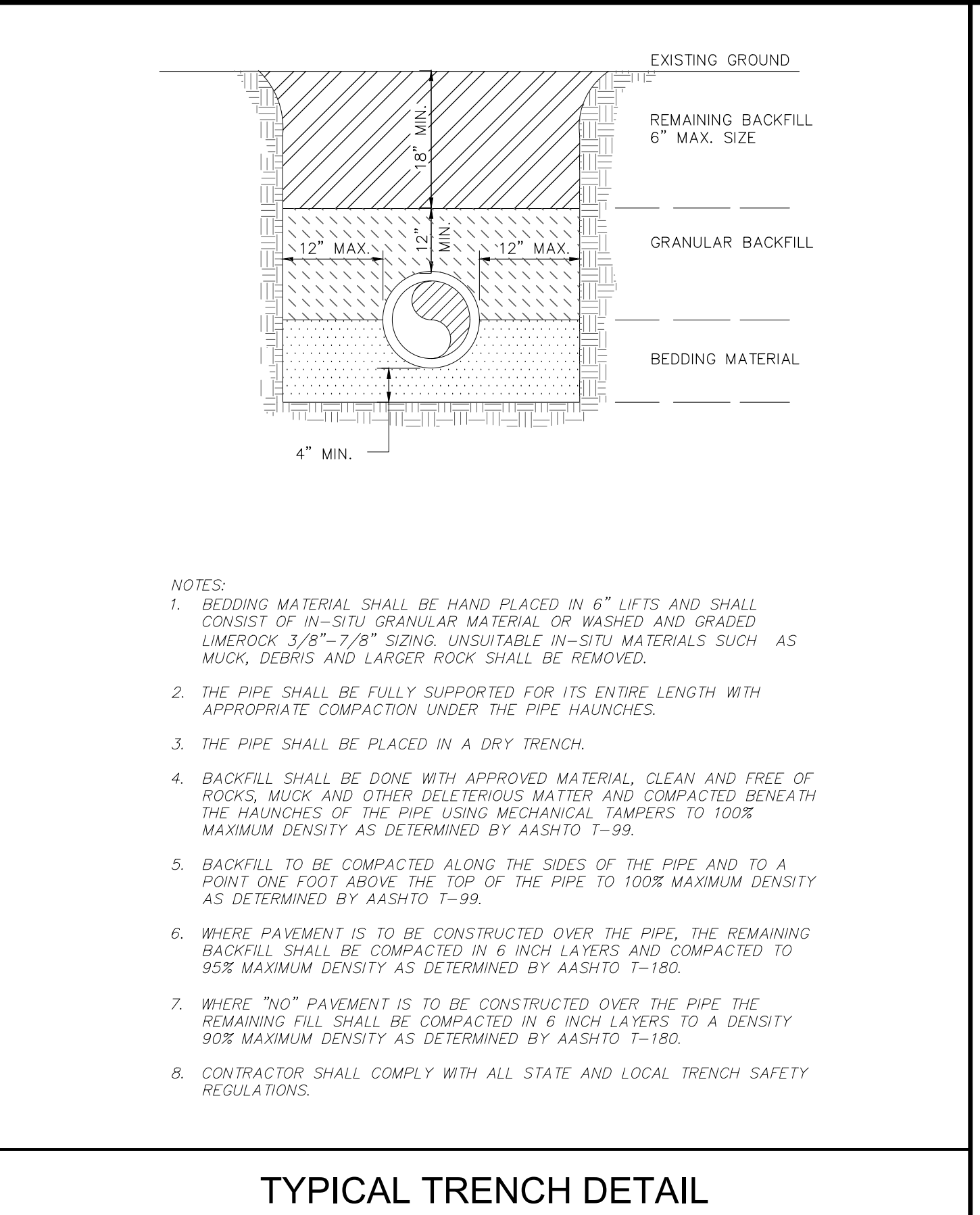
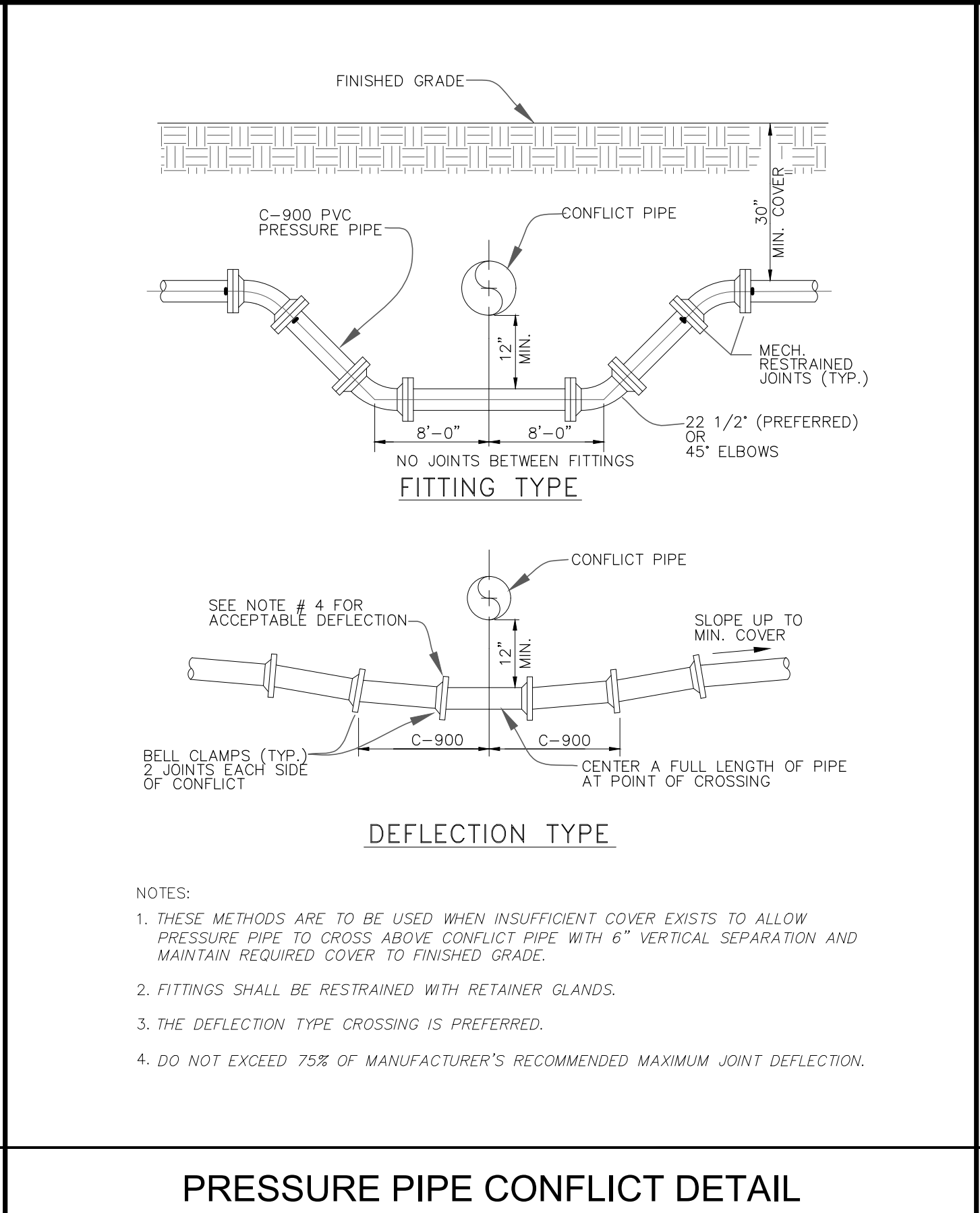
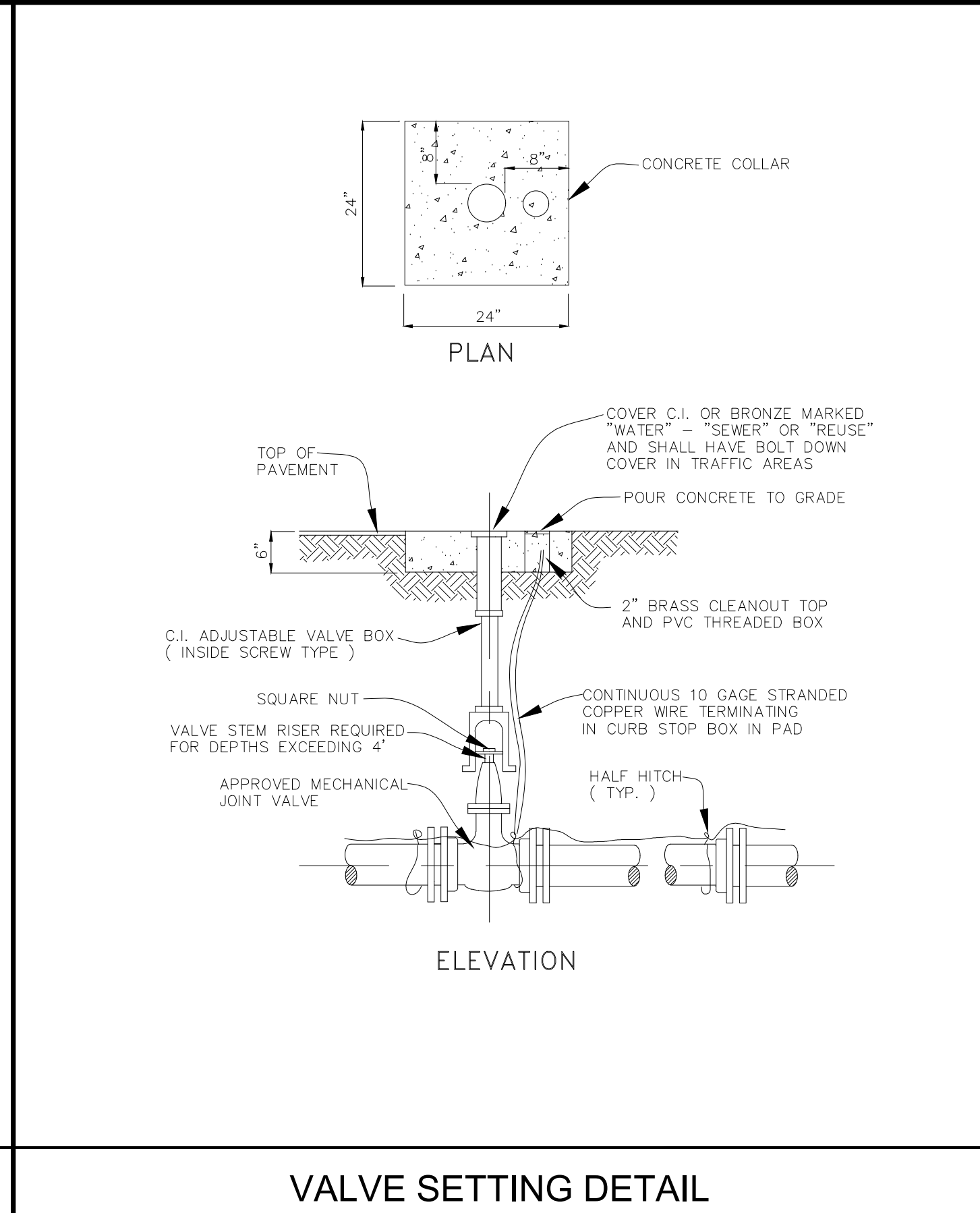
SHEET TITLE:
**WATER AND
SEWER PLAN**

SHEET NUMBER:
09



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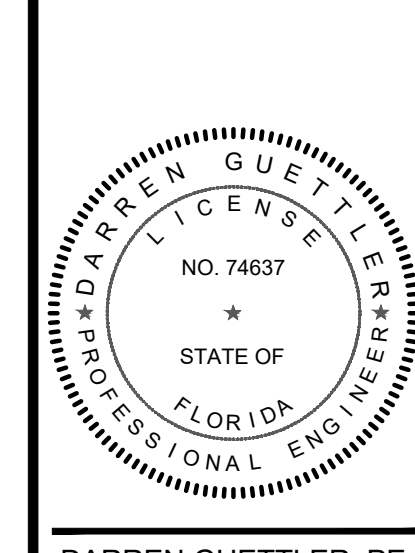




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BY:	COMMENT:

PROJECT:
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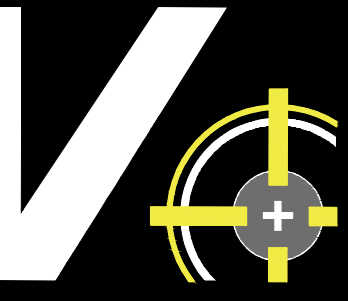
CLIENT:
 DISCOVERY
 LAND
 DEVELOPMENT
 MARTIN COUNTY
 FLORIDA



PROJECT No.: 23-1028
DRAWN BY: LC
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SHEET TITLE:
WATER AND SEWER DETAILS
SHEET NUMBER:
10





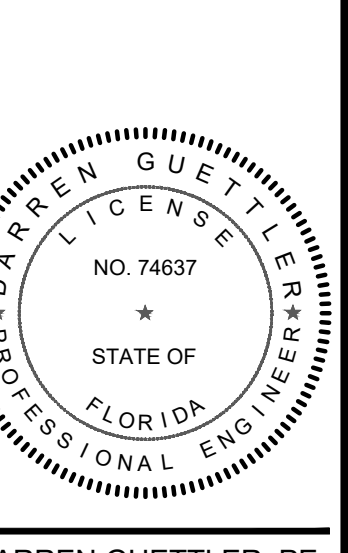
VELCON

ENGINEERING & SURVEYING, LLC
1449 NW COMMERCIAL CENTRE DR
PORT ST. LUCIE, FL 34956
PHONE: (772) 879-5477
FIRE C.O.A. # 3222

REVISIONS:		
BY:	DATE:	COMMENT:
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PROJECT:
**GOLF HOUSE/
PERFORMANCE CENTER
TRACT**

CLIENT:
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MARTIN COUNTY
FLORIDA



DARREN GUETTLER, PE
FLORIDA LICENSE No. 74637
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11

