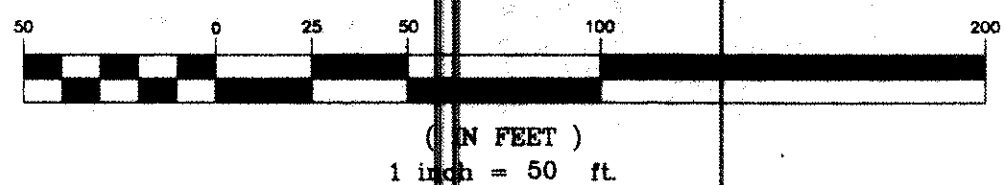


SECTION 26, TOWNSHIP 28 SOUTH, RANGE 15 EAST
City of Dunedin, Florida

GRAPHIC SCALE



GENERAL NOTES

- All elevations refer to National Geodetic Vertical Datum.
- The location of existing utilities are approximately as shown and it is the Contractor's responsibility to determine the exact location of the utilities prior to construction in their vicinity.
- The Contractor shall notify the utility companies in the area before beginning construction.
- All underground utilities must be installed before curbs, base and surface courses are constructed.
- All water lines and sanitary sewer lines are PVC unless otherwise noted.
- Pipe measurements are to center of fittings or structures.
- All pipe lengths are plus or minus.
- Conflicts between sewers (sanitary and storm) and the water, reclaimed water or forcemain will be resolved by adjusting the water, reclaimed water or forcemain.
- Sewer lines placed with less than 18" minimum vertical separation crossing water lines or storm sewer lines shall have 20 LF of ductile iron sanitary sewer centered on the conflict.
- Backfill over any pipe (storm sewer, water line, sanitary sewer) that is to be installed under roadways or within the embankment of the roadway is to be compacted per F.D.O.T. specifications Section 125-8.3, 1991 Edition. This particular section specifies compaction to 100% of maximum density as determined by AASHTO T-99.
- All right-of-way installations will comply with the State of Florida Utilities Accommodation Manual.
- Disturbed areas within the right-of-way will be compacted to 100% of maximum density and restored to pre-existing conditions as required in the field by the engineer.
- Polyvinyl Chloride (PVC) pipe 4" to 12" in diameter shall conform to the requirements of A.W.W.A. standard C900, DR-15.
- All water and reclaimed water service crossing of road will be 2" PVC schedule 40 conduit with a 1" diameter schedule 90 PE 3408 poly pipe for double services allowed.
- Hydrants must provide 20 PSI minimum from 15' outlet 750 GPM minimum.
- 2" I.D. Locator tape of proper color and markings required 12" to 18" above all PVC water lines, reclaimed water lines, and sanitary sewer pipe.
- Mechanically restrained joints shall be installed on all fittings, valves, caps, and plugs.
- Tap valves and sleeves must be tested at 150 psi for 1 hour with 24 hour notice.
- 14 gauge locator U.S. E. wire approved for damp use shall be installed directly on top of all water mains and reclaimed water mains with terminal ends brought up in the valve boxes at the cover.
- Min. 10' parallel & 18" vertical separation between water & sewer systems.
- Water meters to be located between the sidewalk and curb typically.
- Contractor to paint water locations OSHA blue in curbs.
- Average depth of mains required to be 36" and no less than 30".
- All joints where fittings are concerned will be restrained (As per chart on sheet #12) with meg-a-tug 1100 series for DI pipe and 1100 series or 1350 series for PVC. All bends, tees, etc. require precast or poured in place thrust blocks.
- A City of Dunedin & Pinellas County right-of-way construction permit must be obtained prior to the start of any work in the existing public right-of-ways.
- If 10 foot separation between sewer and water main cannot be maintained, install HDPE Seamless pipe. Internal diameters of water main and HDPE to be matched by contractor.
- All sanitary sewer pipe is to be PVC SDR-35.
- Reclaimed sewer locations to be painted on back of curb with lavender paint stripes.

SEE SHEET NO. 7 FOR SANITARY SEWER CONSTRUCTION NOTES

Existing	LEGEND	Proposed
N/A	SEWER FORCE MAIN	FM
N/A	SANITARY SEWER	SS
N/A	SANITARY MANHOLE	MH
N/A	SANITARY SERVICE	SS
N/A	WATER MAIN	WM
N/A	FIRE HYDRANT ASSEMBLY	FHA
N/A	GATE VALVE ASSEMBLY	GVA
N/A	WATER METER	WM
N/A	STORM SEWER	SS
N/A	STORM INLET	SI
N/A	GRATE INLET	GI
N/A	RECLAIMED WATER METER	WM
N/A	FLARED END SECTION	FE
N/A	CHLORINE INJECTION POINT	CI
N/A	CHLORINE SAMPLE POINT	CS
N/A	SILT FENCE	SF

RECORD DRAWING CERTIFICATION

THESE RECORD DOCUMENTS HAVE BEEN PREPARED ON INFORMATION PROVIDED BY OTHERS. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT. THE TERM "CERTIFICATION" AS USED HEREIN SHALL BE AS SET FORTH IN STATE RULE 61G15-16.01(4).

WATER, RECLAIMED WATER & SANITARY SEWER PLAN (NORTH)

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SHEET
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