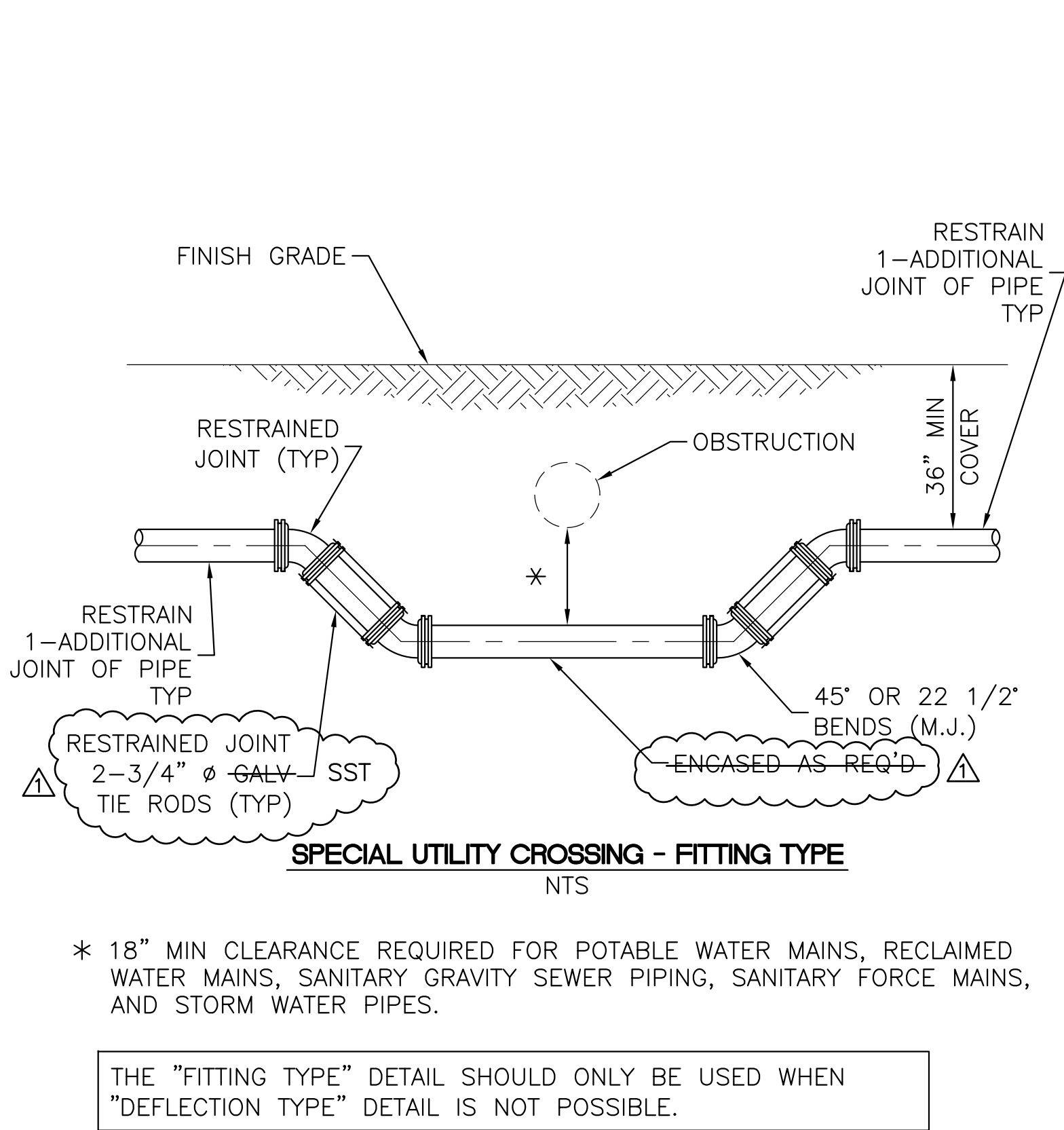
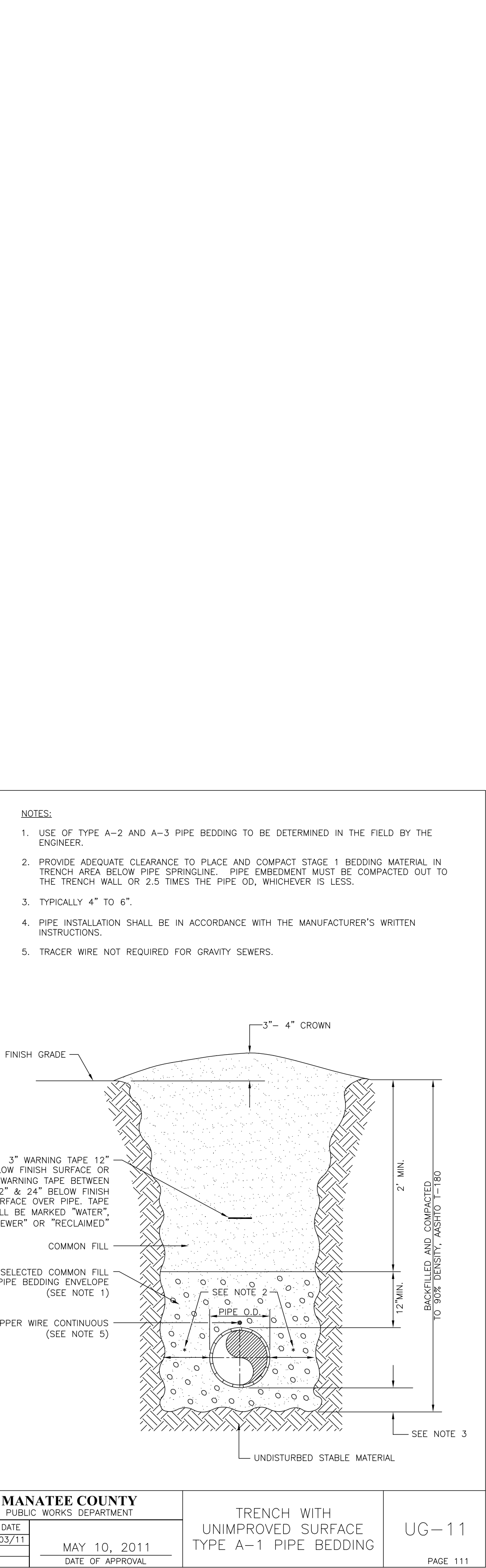
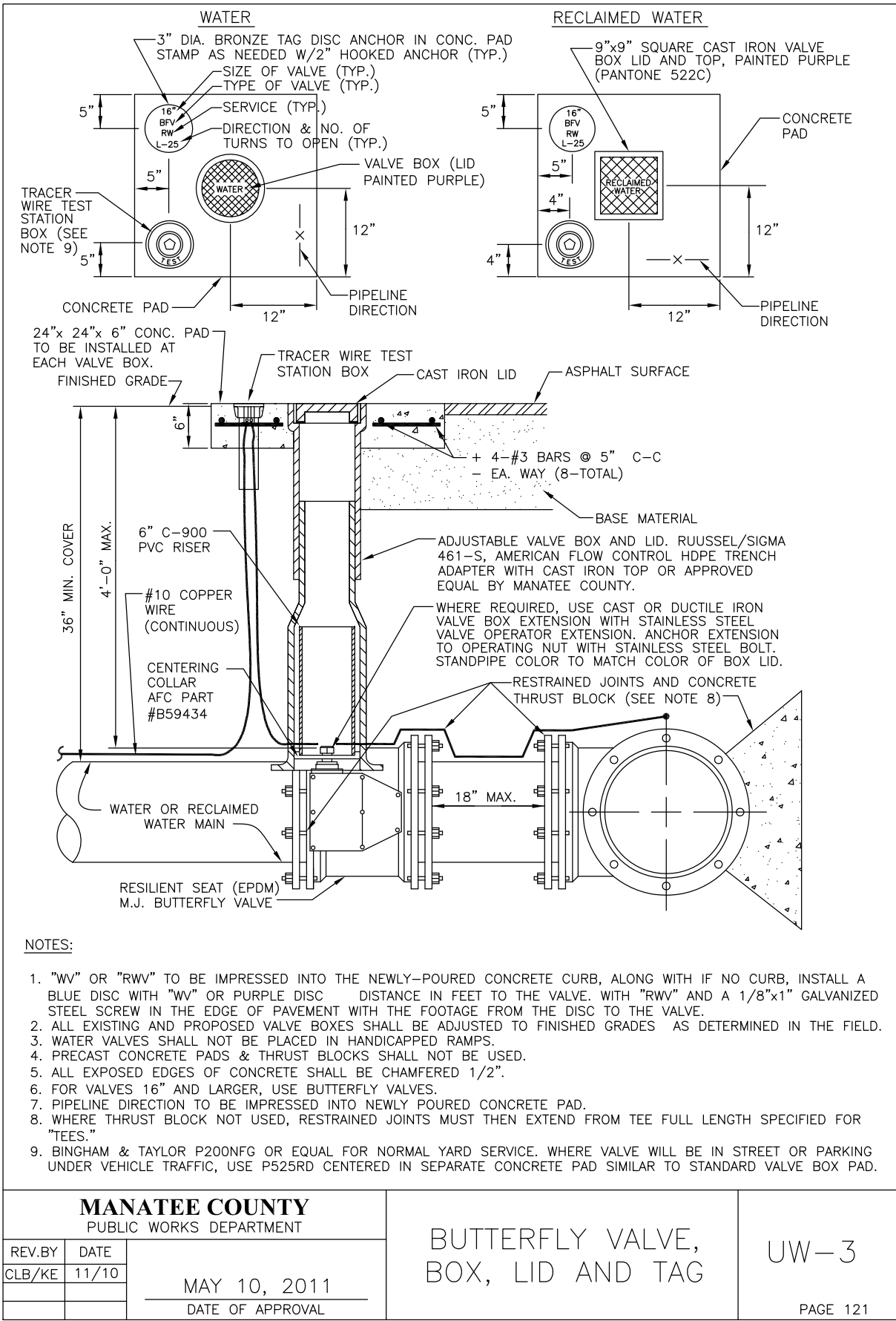
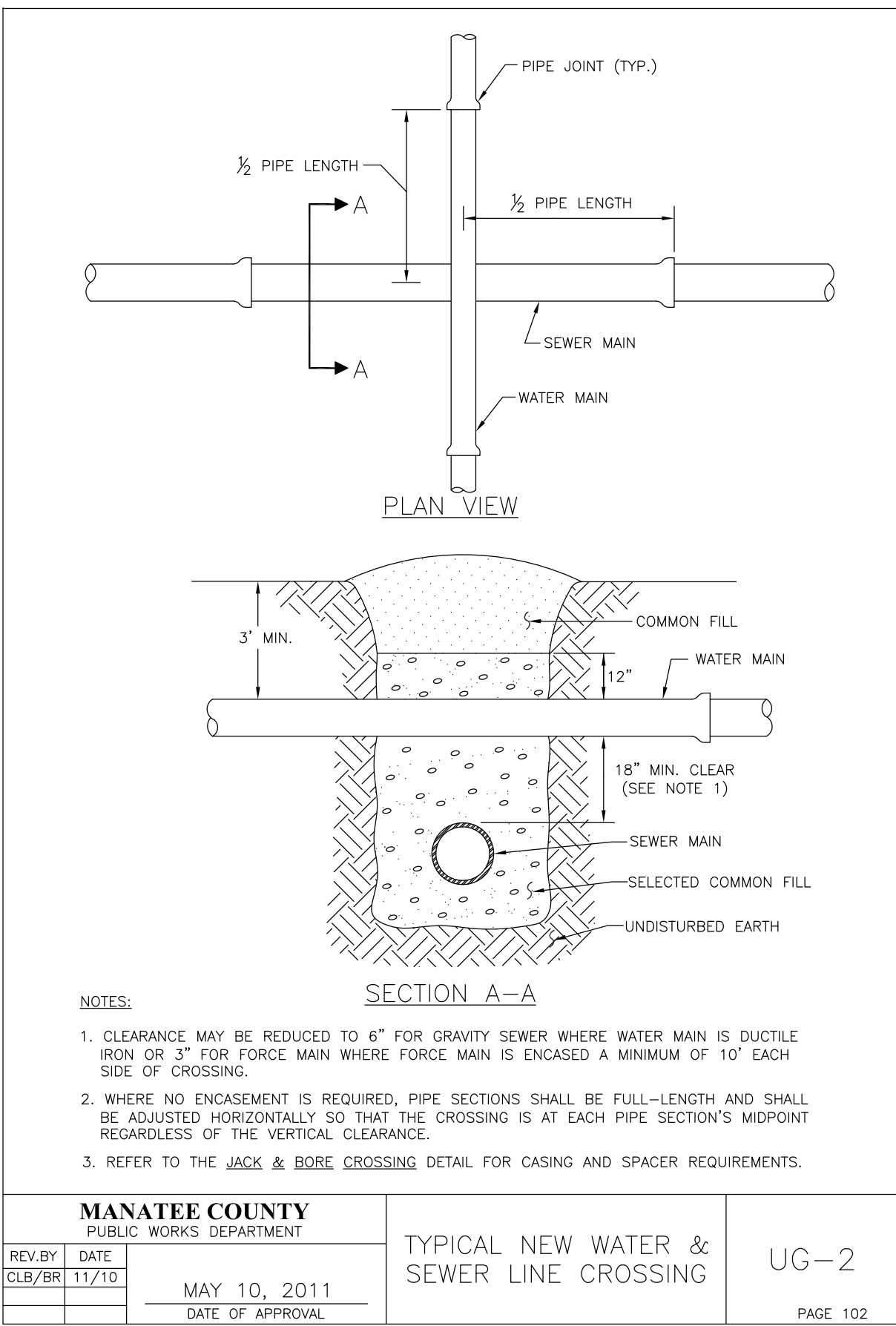


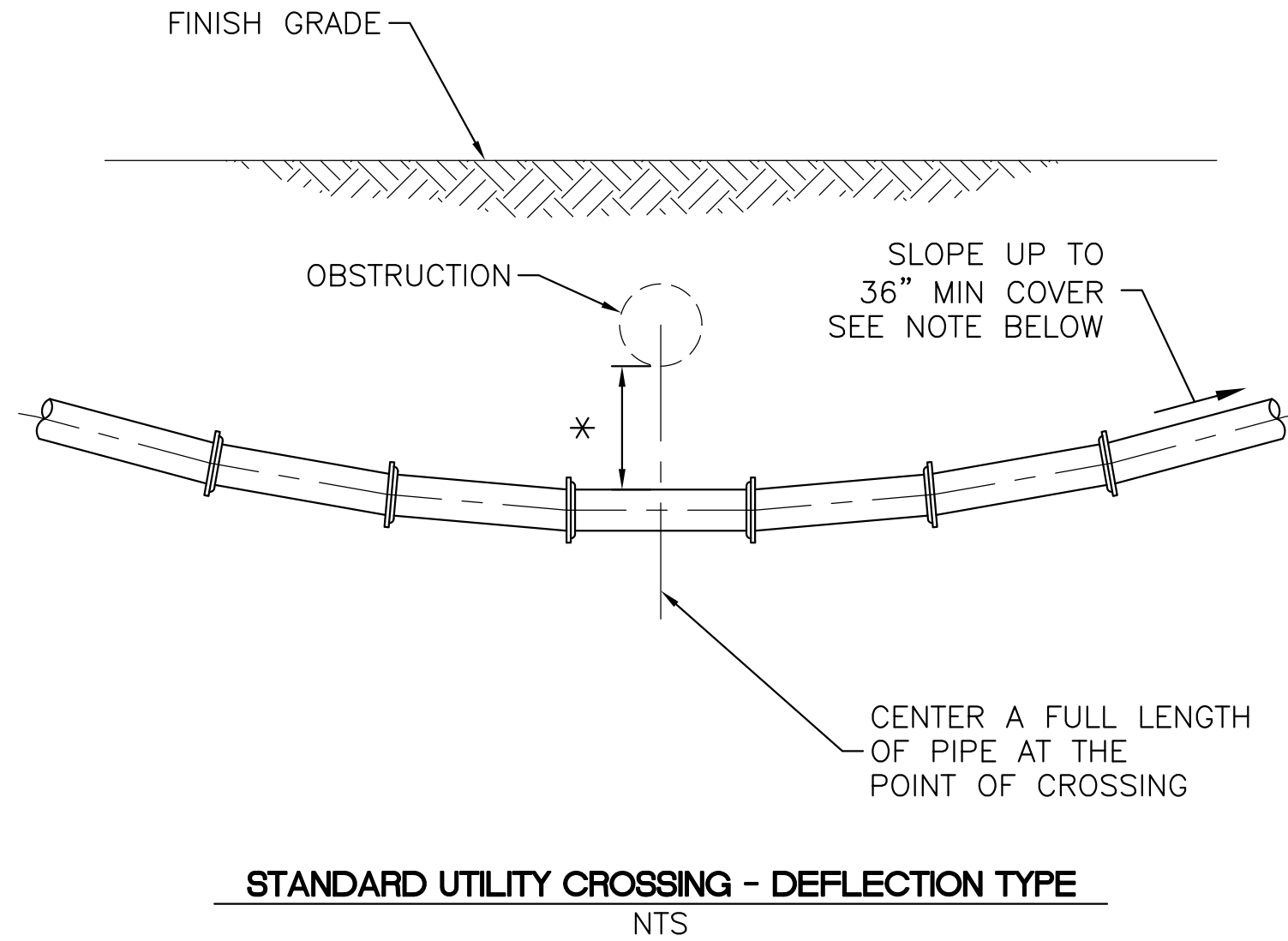
VERIFY SCALES: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

PLOTTED March 23, 2012 3:18 PM PLOTTED BY: TERENCE SONNENBERG
X:\MANATEE PROJECTS\12010046 SWWR 10MG ST - 2ND - WA#1\LOADING-C-12 CIVIL DETAILS.DWG



* 18" MIN CLEARANCE REQUIRED FOR POTABLE WATER MAINS, RECLAIMED WATER MAINS, SANITARY GRAVITY SEWER PIPING, SANITARY FORCE MAINS, AND STORM WATER PIPES.

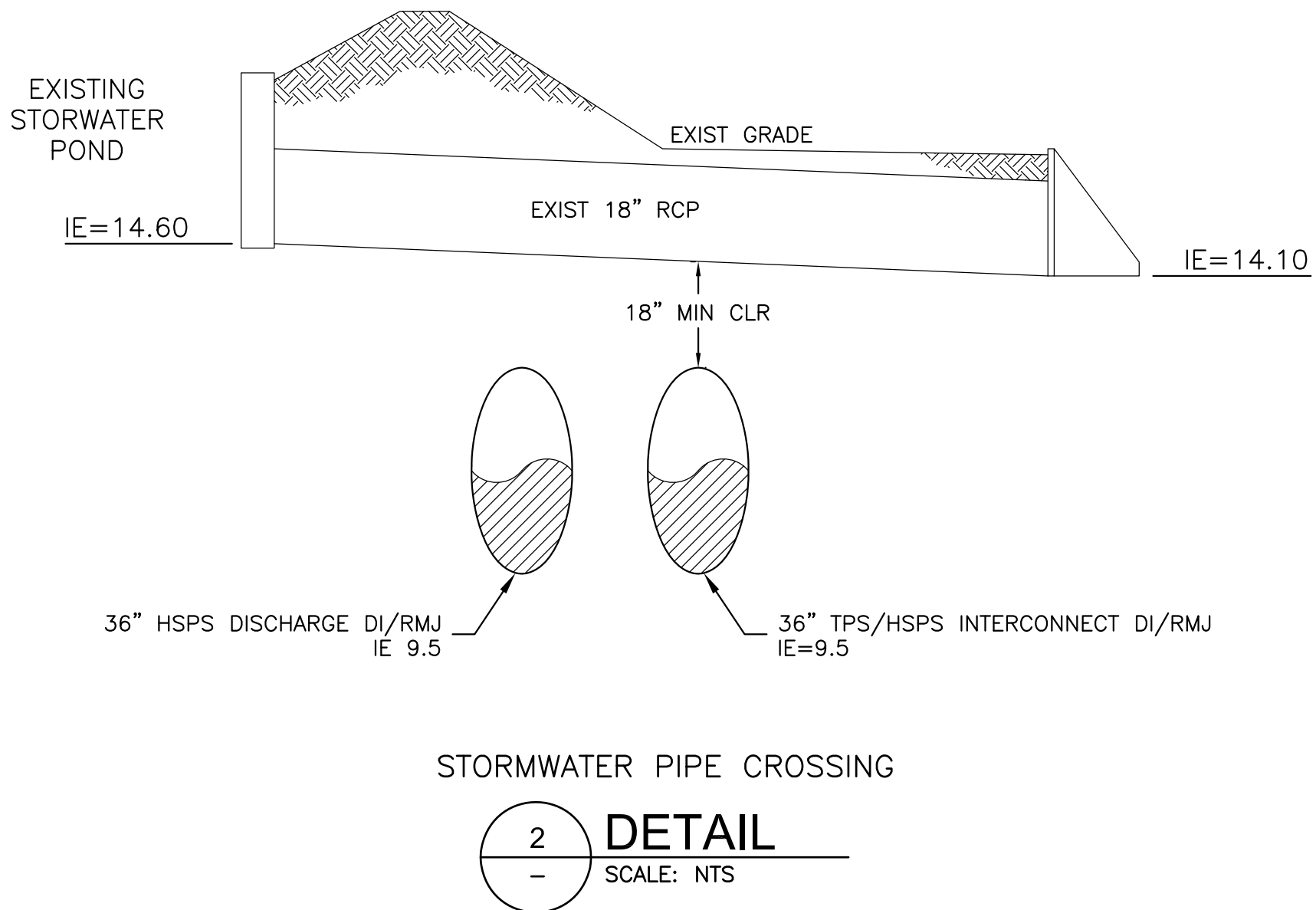
THE "FITTING TYPE" DETAIL SHOULD ONLY BE USED WHEN "DEFLECTION TYPE" DETAIL IS NOT POSSIBLE.



1. THE DEFLECTION TYPE CROSSING SHALL BE USED WHERE EVER POSSIBLE.
2. CONSTRUCT STANDARD CROSSING USING 75% OF MANUFACTURERS MAXIMUM JOINT DEFLECTION (MAX).
3. TIE RODS SHALL BE STAINLESS STEEL.
4. TIE RODS MAY BE OMITTED WHEN OTHER APPROVED METHODS OF RESTRAINING ARE UTILIZED.
5. CONTRACTOR SHALL COORDINATE EXISTING PIPE RELOCATIONS AND SHUT DOWNS WITH PLANT PERSONNEL.

UTILITY CROSSING

1
-
DETAIL
SCALE: NTS

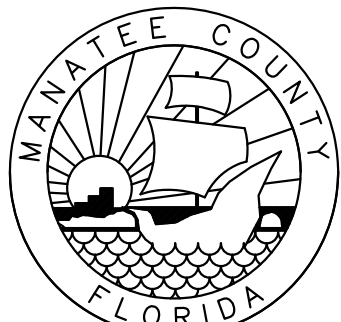


URS

7650 West Courtney Campbell Causeway
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Tampa, Florida 33607
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Florida Engineering Number: 000002

NO.	BY	DATE	DESCRIPTION
1	RMA	3/29/12	ADDENDUM NO. 1
2	BY	DATE	DESCRIPTION
REVISIONS			

URS JOB NUMBER
12010046
PM: D. WILCOX
ENG: R. AVALOS
DRW: T. SONNENBERG
FILE SAVE DATE:
March 23, 2012



SECOND 10MG RECLAIMED WATER STORAGE
TANK AND HIGH SERVICE PUMP STATION
AT THE
SOUTHWEST WATER RECLAMATION FACILITY
FOR
MANATEE COUNTY GOVERNMENT
MANATEE COUNTY, FLORIDA

CIVIL DETAILS

DAVID A. WILCOX
FLORIDA P.E. NO. 34942

PROJECT STATUS
BID SET
FEBRUARY 2012

C-12