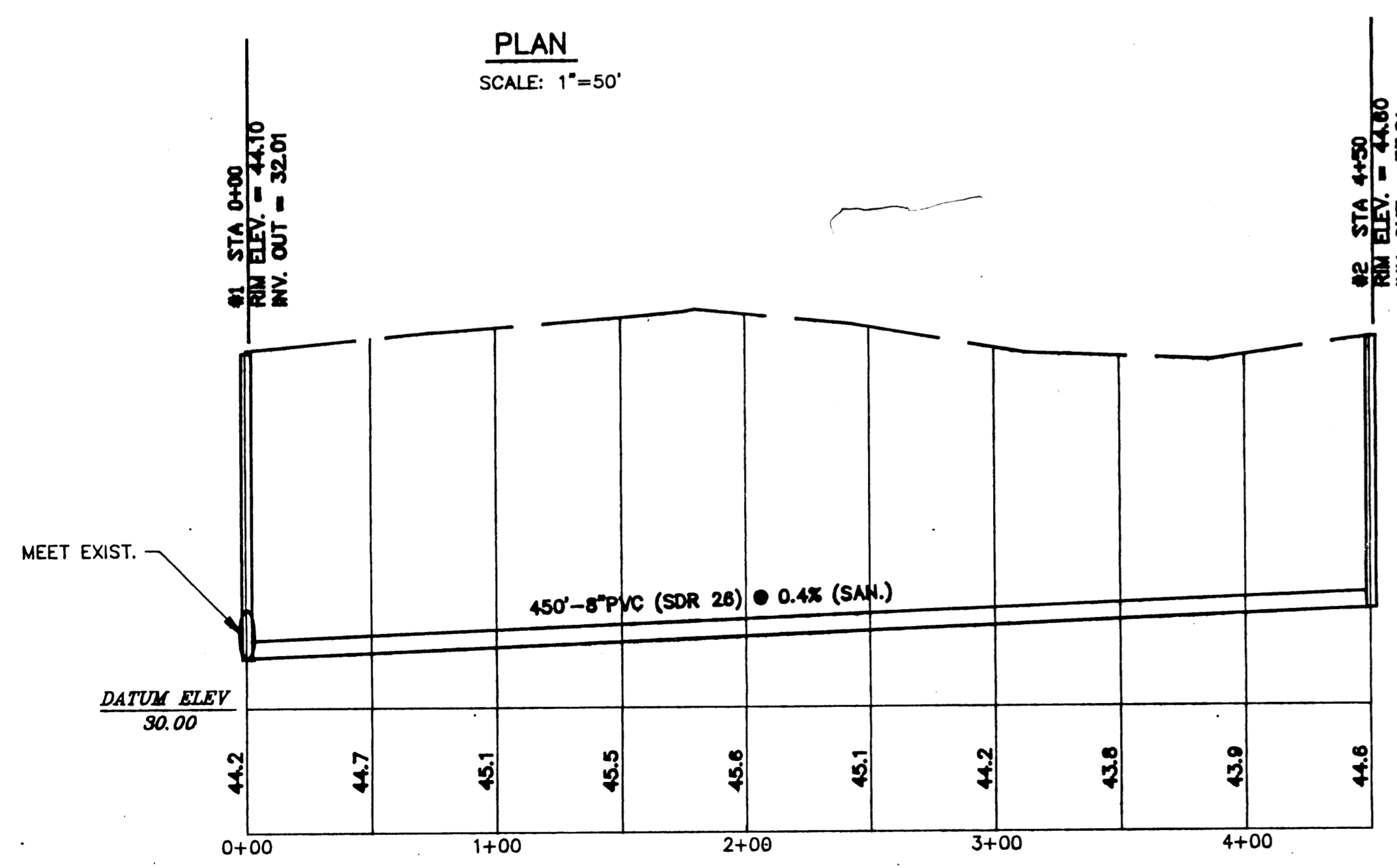


PLAN  
SCALE: 1"=50'



PROFILE  
SCALE: 1"=50' HOR.  
1"=5' VERT.

ELEVATION IS CITY DATUM

GENERAL NOTES

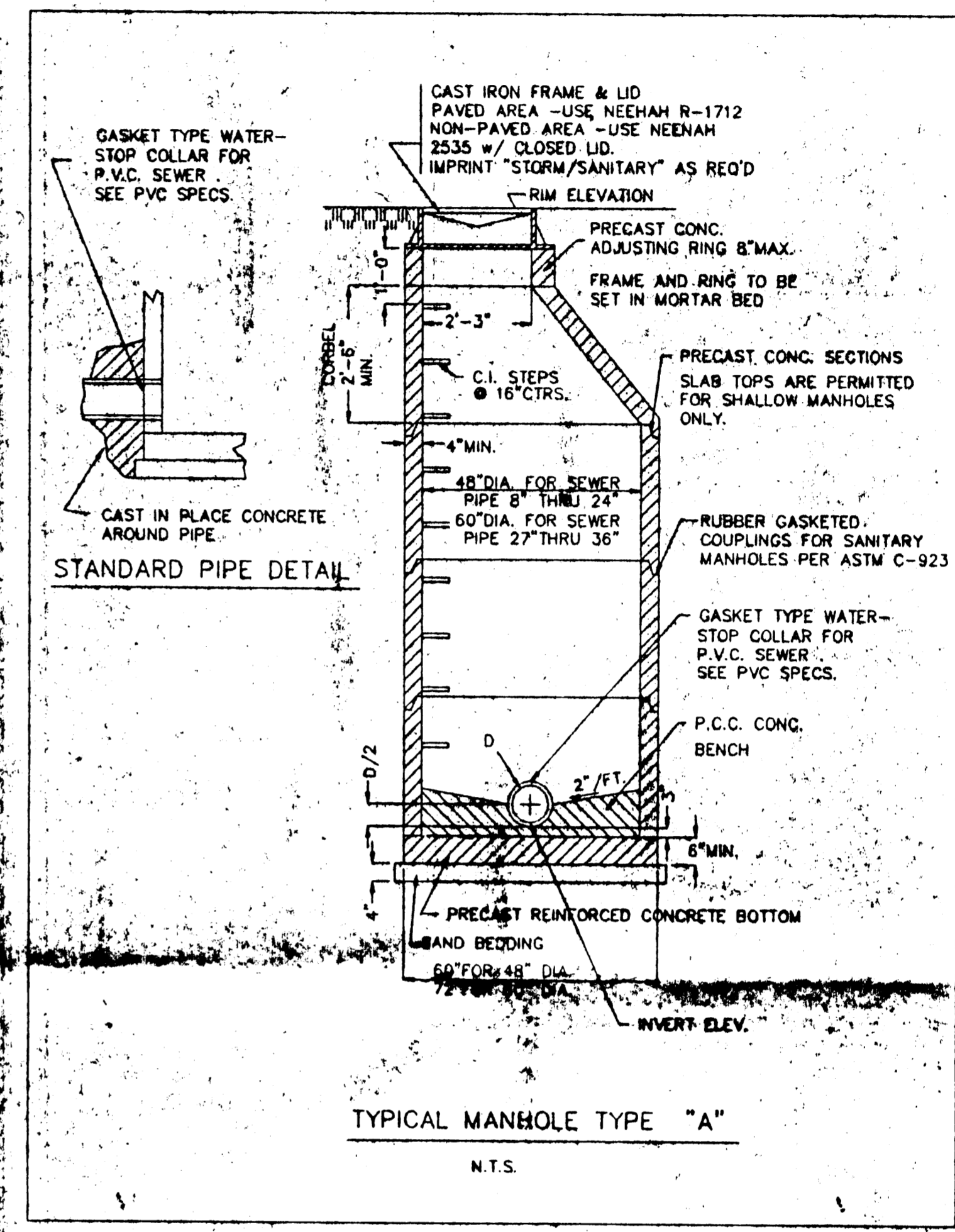
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WISDOT, AND STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN IN WISCONSIN, SIX EDITION, WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK AND APPLICABLE SUPERIOR, WI. ORDINANCES.
2. BENCH MARK ELEVATIONS ARE TOP OF MANHOLE FRAMES.
3. 830.0 T.O. INDICATES TOP OF CURB ELEVATION.  
830.0 F.F. INDICATES ELEVATION OF FINISHED FRAME.  
830.0 G.H. INDICATES ELEVATION OF GROUND @ PROPOSED HYDRANT LOCATION.
4. PAY ITEM - BITUMINOUS CON. SURFACE CL.S. SHALL INCLUDE BITUMINOUS MATERIAL (PRIME) ACCORDING TO THE STANDARD SPECIFICATIONS.
5. PAY ITEM - PARKWAY RESTORATION - SHALL INCLUDE TOPSOIL PLACEMENT AND SEEDING ACCORDING TO THE STANDARD SPECIFICATIONS.
6. THE LOCATION OF EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UTILITY INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS.
7. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IN ORDER TO HAVE EXISTING UNDERGROUND LOCATIONS STAKED PRIOR TO CONSTRUCTION.  
NOTE: ALL CONTRACTORS TO NOTIFY VILLAGE ENGINEER THREE (3) WORKING DAYS PRIOR TO COMMENCEMENT OF WORK. FAILURE TO DO SO MAY RESULT IN REJECTION OF COMPLETED WORK.

SANITARY SEWER CONSTRUCTION

1. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER.
2. ALL SANITARY SEWER AND SEWER PIPE JOINTS SHALL CONFORM TO:  
-PVC SEWER - GASKET = D-818  
SOLVENT = D-2855  
PIPE = SDR 26 ASTM D-2241
3. MINIMUM BEDDING: FOUR INCHES BELOW PIPE TO SPRING LINE, EXCEPT FOR P.V.C. WHICH SHALL BE FOUR INCHES BELOW PIPE TO TWELVE INCHES ABOVE THE TOP OF THE PIPE. BEDDING SHALL BE OF GRADE #2 SAND.
4. MANHOLES SHALL HAVE FOUR INCHES OF STONE BEDDING. THE JOINTS SHALL HAVE TOP RING OR SHALL BE PERFORMED BITUMINOUS PLASTIC GASKET WITH BENT MATERIAL FILLER SIMILAR TO SAND-HEX TO PROVIDE A WATER-TIGHT SEAL.
5. WATER-STOP GASKET SHALL BE PROVIDED AT ALL SANITARY SEWER MANHOLE CONNECTIONS. SUCH GASKETS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR THIS TYPE OF PIPE USE.
6. WHEREVER UTILITIES CROSS PAVED AREAS, TRENCHES SHALL BE BACK-FILLED WITH APPROVED GRANULAR MATERIAL. WHEREVER ONE UTILITY TRENCH CROSSES ANOTHER, THE LOWER TRENCH SHALL IN ALL CASES BE BACK-FILLED WITH APPROVED GRANULAR MATERIAL.
7. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
  1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OF LIKE-TYPE SADDLE.
  2. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
  3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "SAND-SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
8. WHEREVER A SEWER CROSSES UNDER A WATERMAIN OR STORM SEWER, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18". FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10" BETWEEN SANITARY SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAIN IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAIN IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM OF 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE MAIN, THE SEWER PIPE SHALL BE CAST IRON, DUCTILE IRON OR AN APPROVED EQUIVALENT.
9. ALL EXISTING SEPTIC SYSTEMS TO BE ABANDONED. ABANDONED TANKS TO BE FILLED OR REMOVED.
10. SANITARY SEWER SHALL BE AIR TESTED.  
IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO FURNISH ALL LABOR AND MATERIAL FOR THE TESTING AND SHALL SATISFY HIMSELF THAT THE TESTS CAN BE SUCCESSFULLY COMPLETED PRIOR TO REQUESTING THE ENGINEER'S PRESENCE FOR THE OFFICIAL TESTS.
11. FOLLOWING INITIAL SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 1:1. IN ADDITION, ALL OTHER DISTURBED OR GRADED AREAS WILL BE STABILIZED WITHIN FOURTEEN CALENDAR DAYS.

Charles Robert Ingold  
ENGINEER'S SIGNATURE

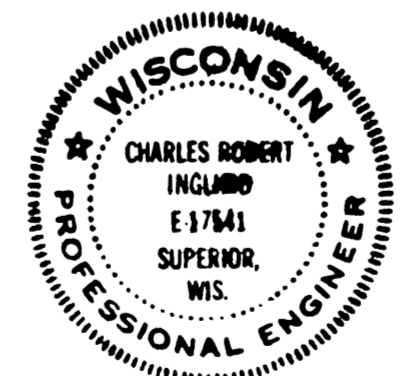
E-1754  
P.E. NO.



STANDARD PIPE DETAIL

TYPICAL MANHOLE TYPE "A"

N.T.S.



REVIEWED AND APPROVED BY THE  
DIVISION FOR ENVIRONMENTAL  
QUALITY, DEPT. OF NATURAL RE-  
SOURCE IN ACCORDANCE WITH  
SEC. 144.04 WIS. STATS. SUBJECT  
TO THE CONDITIONS SET FORTH  
IN THE LETTER OF APPROVAL.  
L. F. WIBLE, ADMINISTRATOR  
APPROVAL NUMBER 92.0014  
APPROVAL DATE 03/20/92

**CRI**  
C.R.I. ENGINEERING  
Civil Engineering  
Land Planning  
Construction Management  
12 BADGER DRIVE SUPERIOR, WI. 54880  
(715) 394 7338

RECEIVED - DNR  
JAN 6 1992  
BUREAU OF  
WASTEWATER MGMT.

PROP. SEWER EXTENSION  
DAN COATY RESIDENCE  
2210 E. 13 TH ST.

NO.	DATE	DESCRIPTION	BY

DEC. 28, 1991 SHEET 1 OF 1