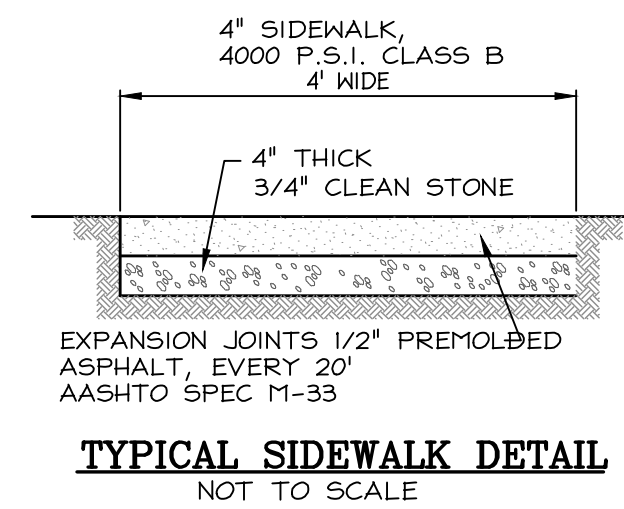
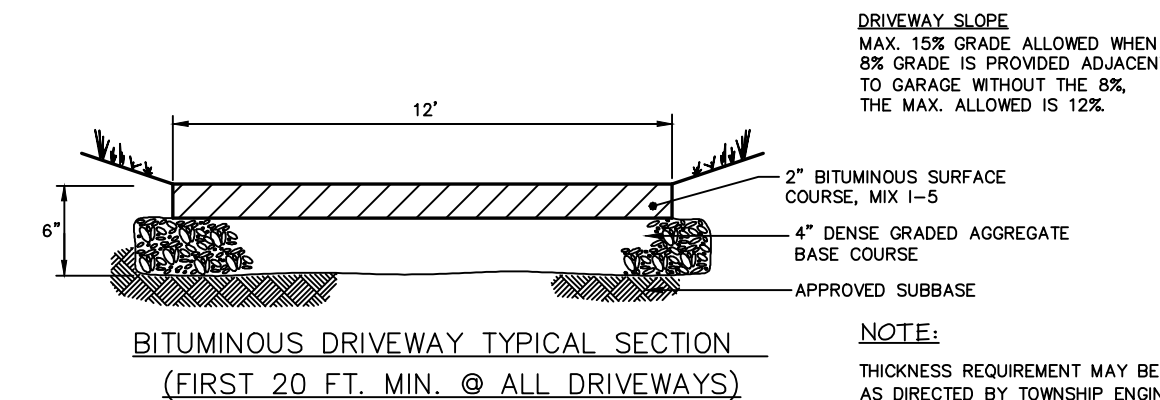


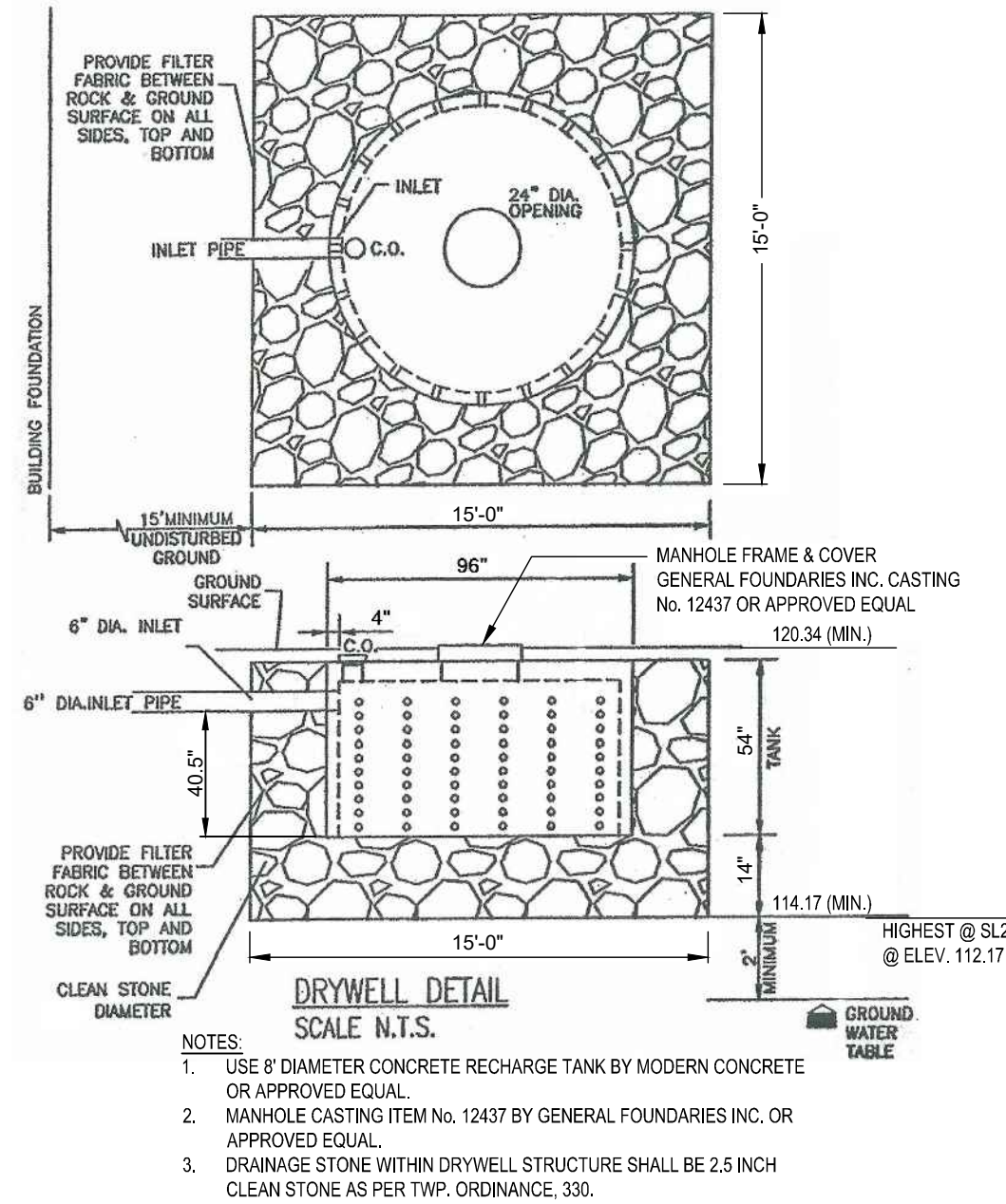
TYPICAL DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE



TYPICAL SIDEWALK DETAIL
NOT TO SCALE

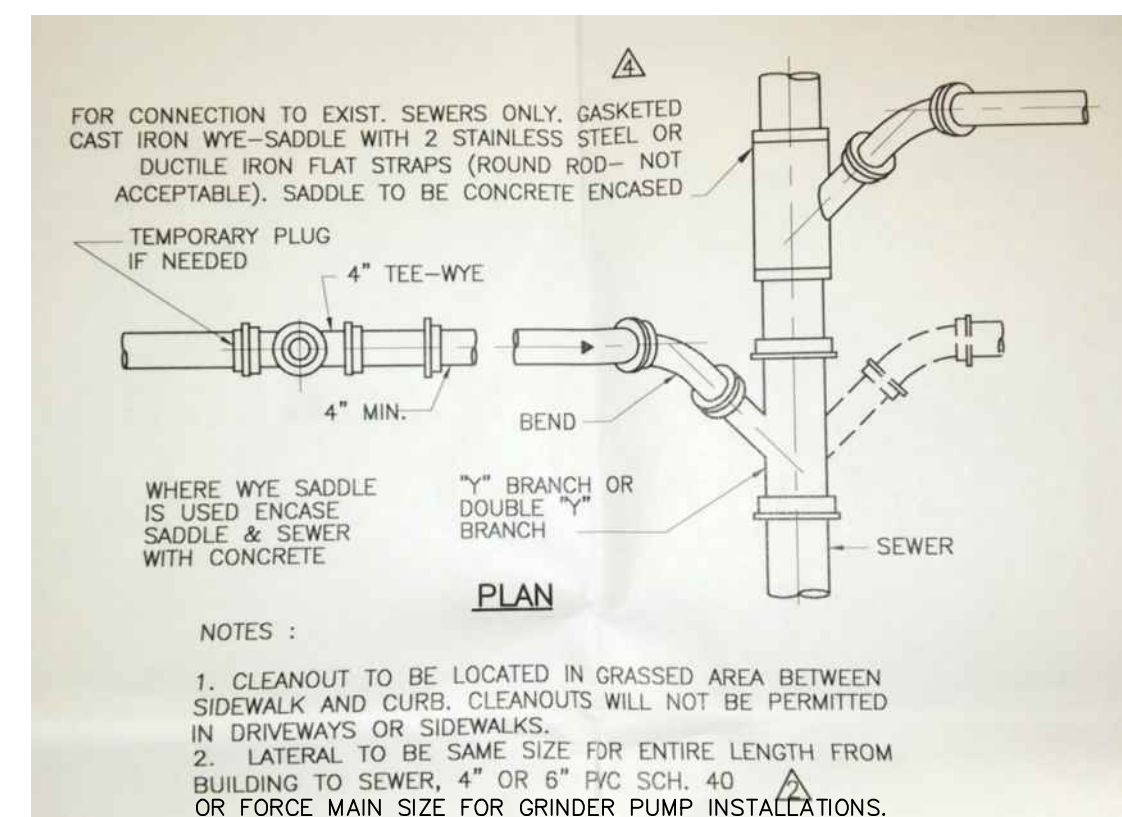


DRIVEWAY DETAILS @ TOWNSHIP ROAD
N.T.S.

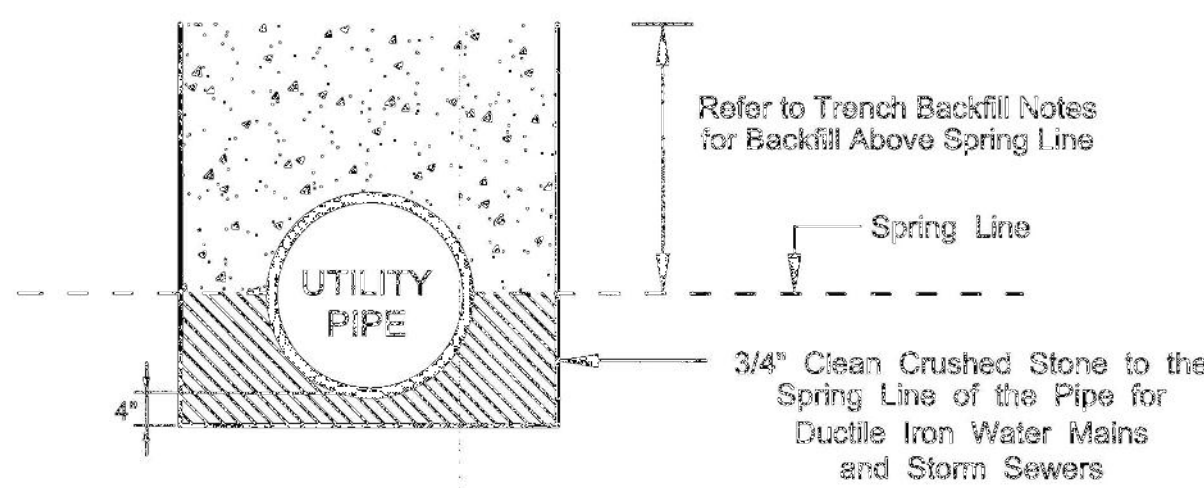


DRYWELL DETAIL
SCALE N.T.S.

- NOTES:
1. USE 8\"/>
 - 2. MANHOLE CASTING ITEM No. 12437 BY GENERAL FOUNDRIES INC. OR APPROVED EQUAL.
 - 3. DRAINAGE STONE WITHIN DRYWELL STRUCTURE SHALL BE 2.5 INCH CLEAN STONE AS PER TWP. ORDINANCE 330.



EXISTING SEWER MAIN CONNECTION DETAIL PER FTSA
N.T.S.



UTILITY PIPE BEDDING DETAIL
(FRANKLIN TOWNSHIP STANDARDS)
N.T.S.

TRENCHES

ALL TRENCHES OR DITCHES WHICH CROSS AN EXISTING STREET OR WHICH ARE DUG FOR SEWERS, WATER MAINS, GAS MAINS OR OTHER UTILITIES, INCLUDING THE HOUSE CONNECTIONS FOR THESE UTILITIES, SHALL BE FILLED WITH QUARRY PROCESS STONE. THE STONE SHALL BE PLACED IN LAYERS NOT EXCEEDING TWELVE (12) INCHES IN DEPTH AND SHALL BE SPRINKLED WITH WATER AND MECHANICALLY COMPACTED. ALL SOFT SPOTS AND DEPRESSIONS IN A SURFACE WHICH HAS BEEN GRADED WILL BE REMOVED AND FILLED WITH STONE OF A SIZE TO BE DETERMINED BY THE TOWNSHIP ENGINEER. ALL TRENCHES WHICH ARE DUG IN A FUTURE STREET OR EXISTING R.O.W. ON WHICH NO SURFACE OR PAVEMENT HAS BEEN CONSTRUCTED SHALL BE BACKFILLED AS INDICATED ABOVE OR MAYBE BACKFILLED WITH SUITABLE ON-SITE EXCAVATED MATERIALS OR IMPORTED FILL.

PRIOR TO USING ANY ON-SITE AND/OR IMPORTED SOIL MATERIALS THE CONTRACTOR OR ANY INDIVIDUAL OR FIRM SHALL EMPLOY A RECOGNIZED SOILS LABORATORY TO SECURE SOIL SAMPLES, PERFORM THE NECESSARY LABORATORY ANALYSIS AND ESTABLISH THE CORRECTION AND OTHER CRITERIA NECESSARY FOR THE PROPER PLACEMENT OF THE BACKFILL. REPORT OF THE LABORATORY FINDINGS, INCLUDING THE CORRECTION SPECIFICATIONS, SHALL BE SUBMITTED TO THE TOWNSHIP ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY BACKFILL OPERATIONS USING ON-SITE SOIL AND/OR IMPORTED SOIL MATERIALS.

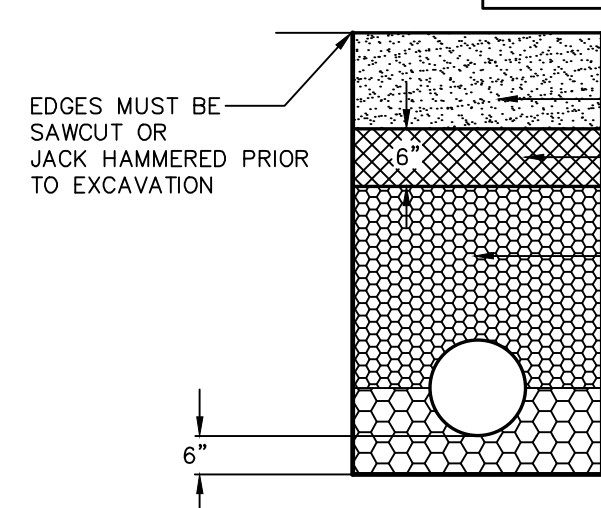
DURING THE BACKFILLING OPERATIONS, THE CONTRACTOR OR ANY INDIVIDUAL OR FIRM ENGAGED IN A BACKFILLING OPERATION SHALL EMPLOY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF NEW JERSEY, OR HIS REPRESENTATIVE, WHO IS REGULARLY ENGAGED IN THE PRACTICE OF GEOTECHNICAL ENGINEERING AND WHO IS TRAINED IN SOIL MECHANICS, TO OBSERVE THE PLACEMENT OF THE BACKFILL. THE SOILS ENGINEER SHALL FILE DAILY REPORTS, WITH THE TOWNSHIP ENGINEER INDICATING THE RESULTS OF THE CORRECTION AND UPON THE CONCLUSION OF THE PROJECT FILE A FINAL CERTIFICATION INDICATING THAT THE BACKFILL MATERIAL HAS BEEN PLACED AND COMPACTED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE APPROVED LABORATORY REPORT.

NOTE: A STREET OPENING PERMIT IS REQUIRED FOR THE PROPOSED WATER AND SEWER CONNECTIONS.

SCHEDULE:

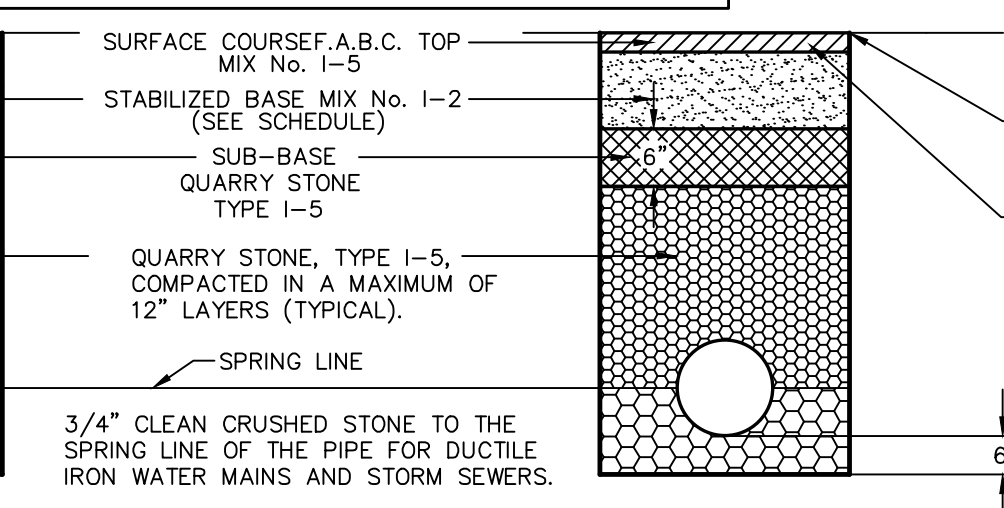
ROAD CLASS	USUAL PAVEMENT WIDTH	USUAL R.O.W. WIDTH	STABILIZED BASE	F.A.B.C. TOP TOP	USE
LOCAL RESIDENTIAL	30 FEET	50 FEET	4 INCHES	1 1/2 INCHES	X
LOCAL NON-RESIDENTIAL	40 FEET	60 FEET	6 INCHES	1 1/2 INCHES	
COLLECTOR-RESIDENTIAL	36 FEET	60 FEET	6 INCHES	2 INCHES	
COLLECTOR NON-RESIDENTIAL	42 FEET	66 FEET	7 INCHES	2 INCHES	
MAJOR COLLECTOR	48 FEET	72 FEET	7 INCHES	2 INCHES	
ARTERIAL	50 FEET	80-100 FEET	7 INCHES	2 INCHES	

TEMPORARY REPAIR DETAIL

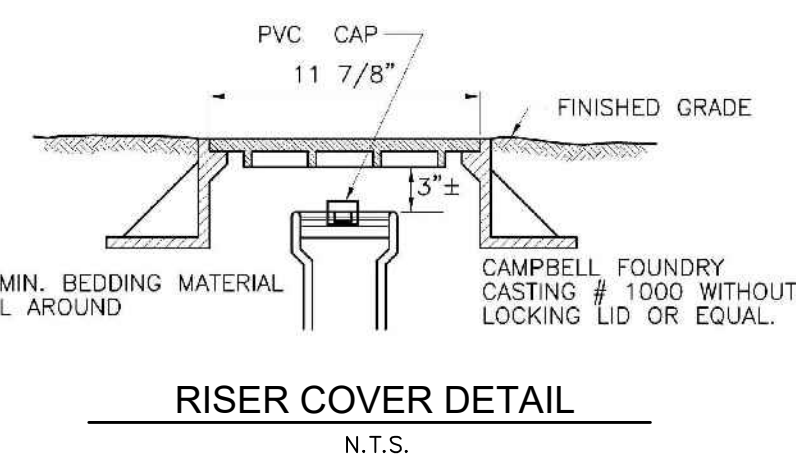


THE FRANKLIN TOWNSHIP DEPARTMENT OF PUBLIC WORKS MUST BE NOTIFIED 24 HOURS BEFORE THE START OF ANY WORK IN THE PUBLIC RIGHT-OF-WAY

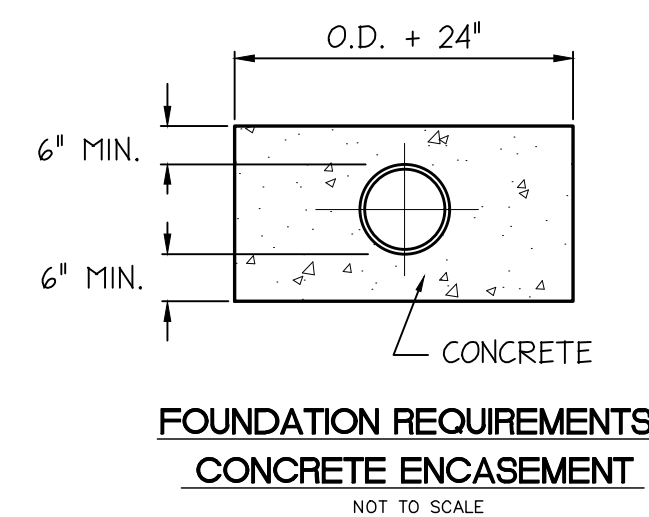
PERMANENT REPAIR DETAIL



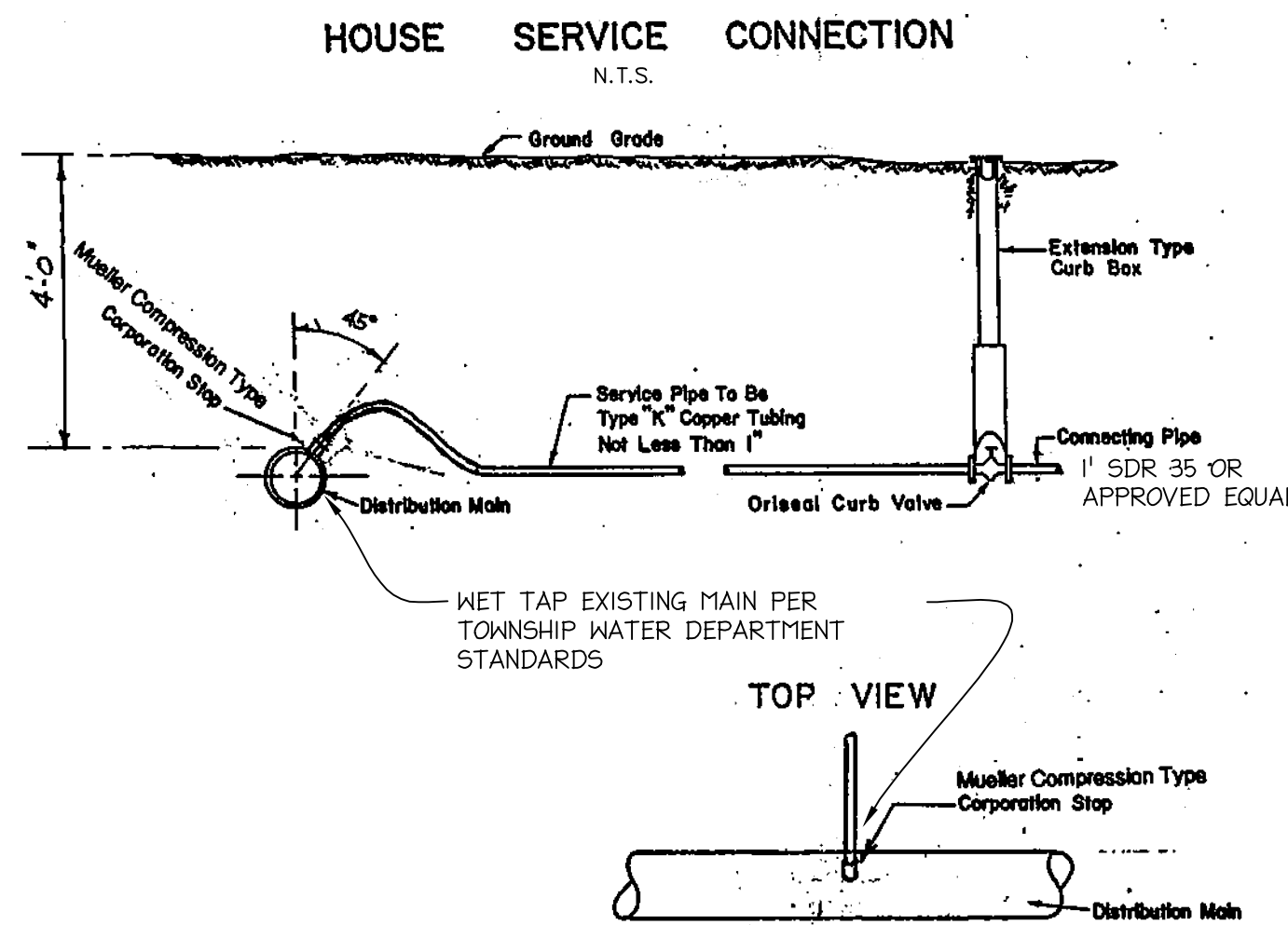
RESTORATION OF STREET OPENINGS
N.T.S.



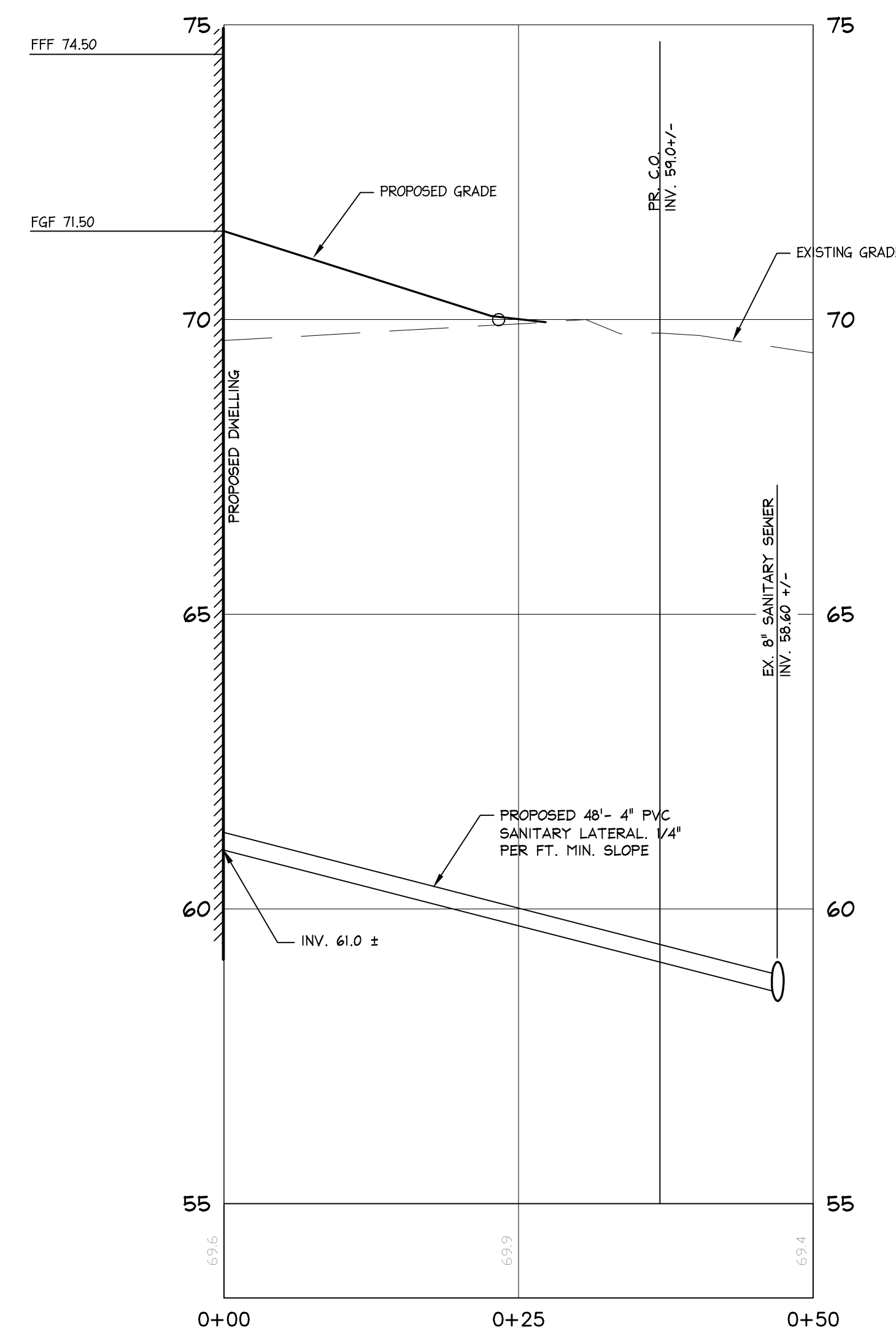
RISER COVER DETAIL
N.T.S.



FOUNDATION REQUIREMENTS CONCRETE ENCASEMENT
NOT TO SCALE



TOP VIEW



SANITARY SEWER PROFILE

HORIZONTAL SCALE: 1"=10'; VERTICAL SCALE: 1"=2'

REVISIONS	AUTH.	DATE

DATE: JUNE 8, 2021
SCALE: AS SHOWN
DESIGNED BY: M.K.F.
DRAWN BY: A.B.
CHECKED BY: M.K.F.
JOB No. 2109FS

Michael K. Ford
Michael K. Ford, P.E.
Professional Engineer, New Jersey Lic. No. 34722

32 BROWER LANE, PO BOX 5877, HILLSBOROUGH, NJ 08844
EMAIL: CONTACT@VANCLEEFENGINEERING.COM
WEB: WWW.VANCLEEFENGINEERING.COM
PHONE: (908) 359-9291 FAX: (908) 359-1580

CONSTRUCTION DETAILS
FOR
BLOCK 181 LOT 41.01 (OLD LOT 40)
SITUATED IN
FRANKLIN TOWNSHIP,
SOMERSET COUNTY, NEW JERSEY