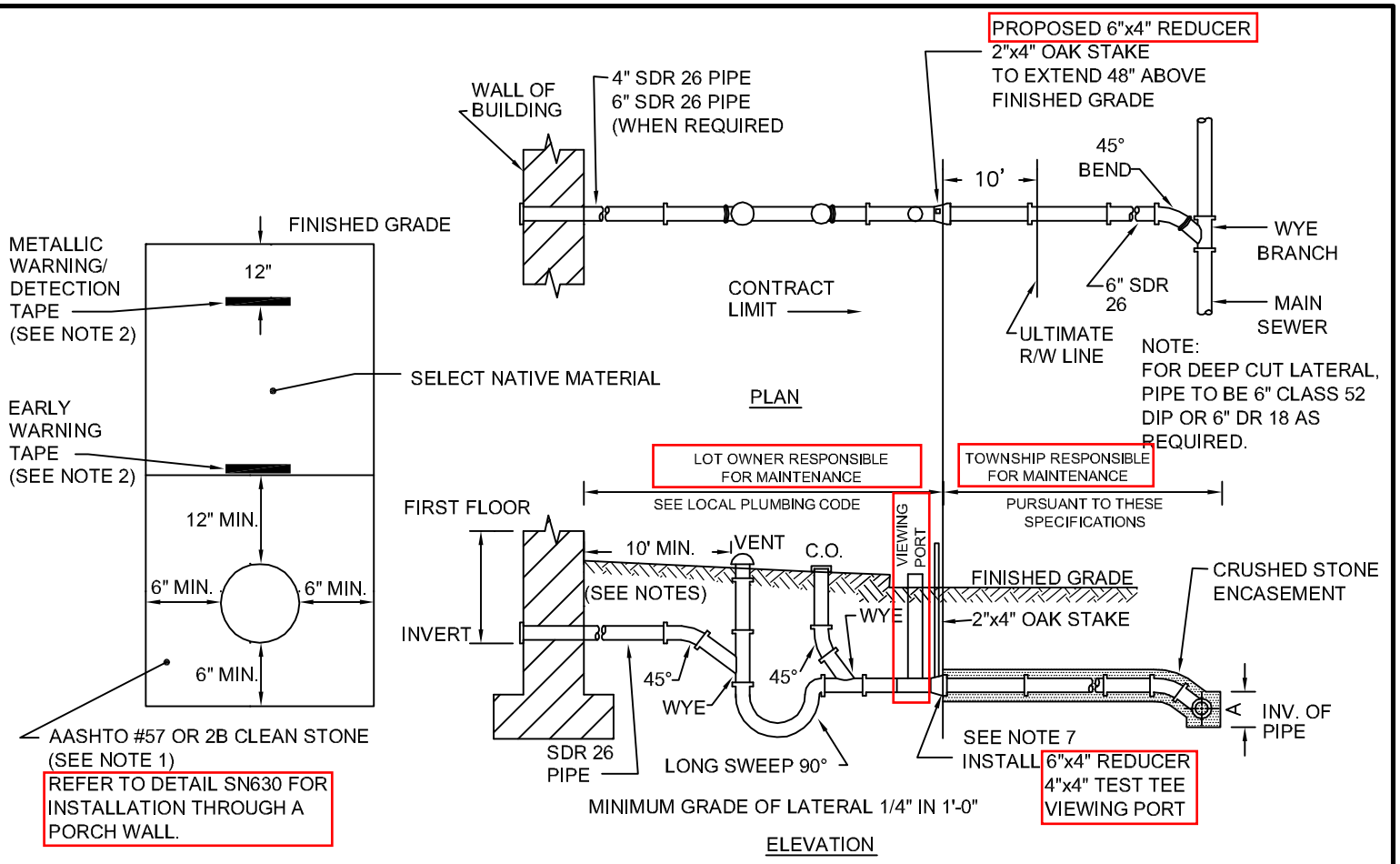

NOTES:

1. STONE: AASHTO #57 OR 2B CLEAN STONE:
   BEDDING: 6" REQUIRED UNDER PIPE
   6" REQUIRED ON BOTH SIDES OF PIPE
   12" REQUIRED ABOVE TOP OF PIPE
2. TAPES: INSTALL EARLY WARNING TAPE, 3" WIDE POLYETHYLENE WITH THE MESSAGE "CAUTION SEWERLINE BURIED BELOW". STENCILED EVERY 24 INCHES, ON TOP OF STONE BEDDING. INSTALL METALLIC WARNING/DETECTION TAPE, 3" WIDE METALLIC LINED WITH THE MESSAGE "CAUTION SEWERLINE BURIED BELOW". STENCILED EVERY 24 INCHES, ONE FOOT BELOW FINISHED GRADE.
3. PIPE: SDR 26(4"), SDR 26(6") WHEN REQUIRED.
4. TRAP: LONG TURN 90'S OR LONG SWEEP 90'S- BXS TO FORM SWEEP (SHORT TURN 90'S NOT ACCEPTABLE). FITTINGS MAY BE SDR 26 OR SDR 35 FOR 4" PIPE.
5. CLEANOUT: TRAP SHALL BE PROVIDED WITH A CLEANOUT. CLEANOUT TO BE PROVIDED EVERY 100' AND AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES. CLEANOUTS TO BE SET FLUSH WITH FINISHED GRADE.
6. RELIEF VENT STACK:
   REQUIRED AT TRAP. VENT STACKS SHALL NOT BE LOCATED DIRECTLY BENEATH ANY DOOR, OPERABLE WINDOW OR OTHER INTAKE OPENING OF THE BUILDING OR OF AN ADJACENT BUILDING, NOR SHALL ANY VENT STACK BE WITHIN 10' HORIZONTALLY OF SUCH AN OPENING, NOR SHALL ANY VENT STACK BE WITHIN 10' HORIZONTALLY OF AN OVERHANG OR FACE OF BUILDING. STACK TO BE 12 INCHES HIGHER (VERTICALLY) FROM GROUND LEVEL AT STACK.
7. TESTING:
   AIR TEST REQUIRED 5 LB PSI, 5 MINUTES (MINIMUM)(NO LOSS). AT 6" TIE IN A 6"X4" REDUCER IS REQUIRED AND A 4" TEST TEE IMMEDIATELY AFTER 6"X4" REDUCER REQUIRED FOR TEST. ONCE LATERAL IS TESTED AND PASSES THE AIR TEST, A CLEANOUT STACK WITH CLEANOUT CAP SHALL BE INSTALLED IN THE 4" TEST TEE FOR INSPECTION PORT. DEPTH OF LATERAL TO BE 4' MINIMUM BELOW EXISTING GROUND GRADE . FOR NEW CONSTRUCTION THE DEPTH OF LATERAL SHALL BE 4' MINIMUM BELOW PROPOSED FINISHED GRADE. MAINTENANCE OF THE LATERAL BELONGS TO THE LOT BEING SERVICED BEGINNING AT THE VIEWING PORT.
8. DEPTH OF LATERAL:
   NEW CONSTRUCTION - THE DEPTH OF THE SEWER LATERAL SHALL BE 4' MINIMUM BELOW PROPOSED FINISHED GRADE TO THE TOP OF THE SEWER LATERAL PIPE.
   EXISTING CONSTRUCTION - THE DEPTH OF THE SEWER LATERAL SHALL BE 3' MINIMUM BELOW EXISTING FINISHED GRADE OR PROPOSED REGRADE, FINISHED GRADE.
9. EXISTING HOUSE CONNECTION TO NEW SEWER LATERAL SHALL BE 5'(±) OUTSIDE THE EXISTING BUILDING WALL. THE ACTUAL TIE IN WILL BE DETERMINED ON A CASE BY CASE BASIS AS APPROVED BY THE FRANCONIA TOWNSHIP SEWER AUTHORITY OR THEIR DESIGNEE IN THE FIELD. A SHIELDED FERNCO FITTING IS REQUIRED TO TIE THE NEW SDR 26 PVC LATERAL ONTO DISSIMILAR MATERIALS I.E. CAST IRON. ALL PVC TO PVC TIE INS SHALL BE DONE WITH PVC FITTINGS AS APPROVED BY FRANCONIA TOWNSHIP SEWER AUTHORITY. ANY/ALL OTHER FITTINGS MUST BE APPROVED, PRIOR TO USE, BY THE FRANCONIA TOWNSHIP SEWER AUTHORITY.
10. EXISTING TANK CLOSURE - AS SOON AS THE HOUSE OR BUILDING IS TIED IN WITH THE PUBLIC SEWER LATERAL, THE EXISTING TANK SHALL HAVE THE CONTENTS PUMPED BY A SEPTIC TANK PUMPER. THE TOP OF THE TANK SHALL BE BROKEN IN AND THE REMAINING TANK SHALL BE FILLED IMMEDIATELY WITH STONE OR NATIVE MATERIAL AND COMPACTED WITH BACKHOE BUCKET OR COMPACTION EQUIPMENT.

FRANCONIA TOWNSHIP STANDARD DETAIL

TYPICAL BUILDING/HOUSE CONNECTION FIRST FLOOR SERVICE

Metz Engineers

DATE	2–2015	NOT TO SCALE	SN611