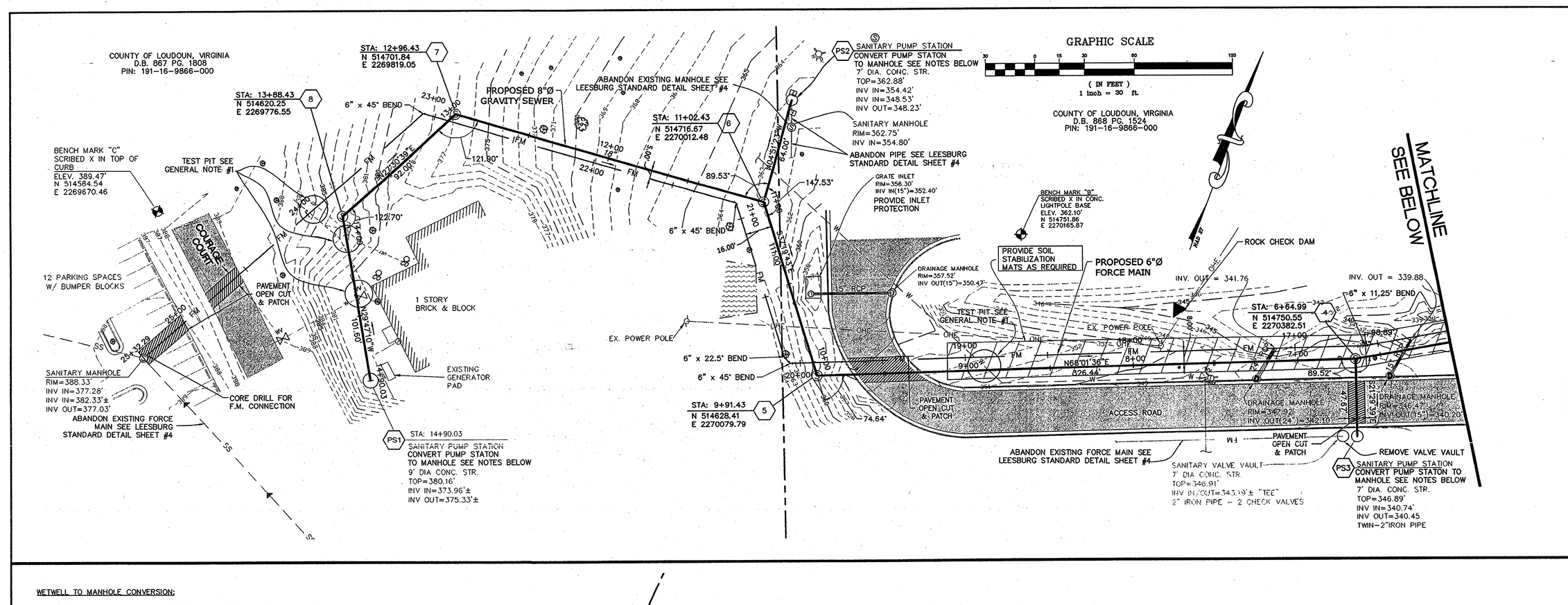


WETWELL TO MANHOLE CONVERSION:

1. CONSTRUCT ENTIRE GRAVITY SEWER, PUMP STATION, AND FORCE MAIN, AND ACQUIRE OWNER'S ACCEPTANCE OF PUMP STATION, AND COORDINATE WITH LOUDOUN COUNTY DEPARTMENT OF GENERAL SERVICES AND TOWN OF LEESBURG PRIOR TO INITIATING ABANDONMENT PROCEDURES AT EXISTING PUMP STATIONS. ABANDONMENT WORK MAY NEED TO BE PERFORMED AT NIGHT OR ON WEEKENDS.

2. INITIATE PUMP-AROUND FROM MANHOLE(S) UPSTREAM OF THE PUMP STATION'S WETWELL. MAINTAIN PUMP-AROUND UNTIL WETWELL IS CONVERTED AND NEW INVERT HAS CURED SUFFICIENTLY TO PREVENT EROSION OR WASH-OUT.

3. DRAIN WETWELL, DISCONNECT POWER SERVICE (COORDINATE WITH POWER COMPANY IF APPROPRIATE), AND REMOVE ALL EQUIPMENT FROM WETWELL, VALVE VAULT, AND SITE. TURN EQUIPMENT OVER UNDAMAGED TO OWNER. EXCAVATE AND REMOVE VALVE VAULT AND DISPOSE OFF-SITE. FILL EXCAVATION WITH COMPACTED FILL, THEN TOPSOIL AND SEED.

4. CUT PIPES (OTHER THAN INFLUENT) WHICH PENETRATE WETWELL AND ABANDON AS PER TOWN OF LEESBURG,S DETAIL, SEE SHEET #4. INSTALL CONNECTING GRAVITY SEWER USING LINK-SEAL OR APPROVED WATERTIGHT CONNECTOR. ALL HOLES IN EXISTING MANHOLES SHALL BE CORE DRILLED.

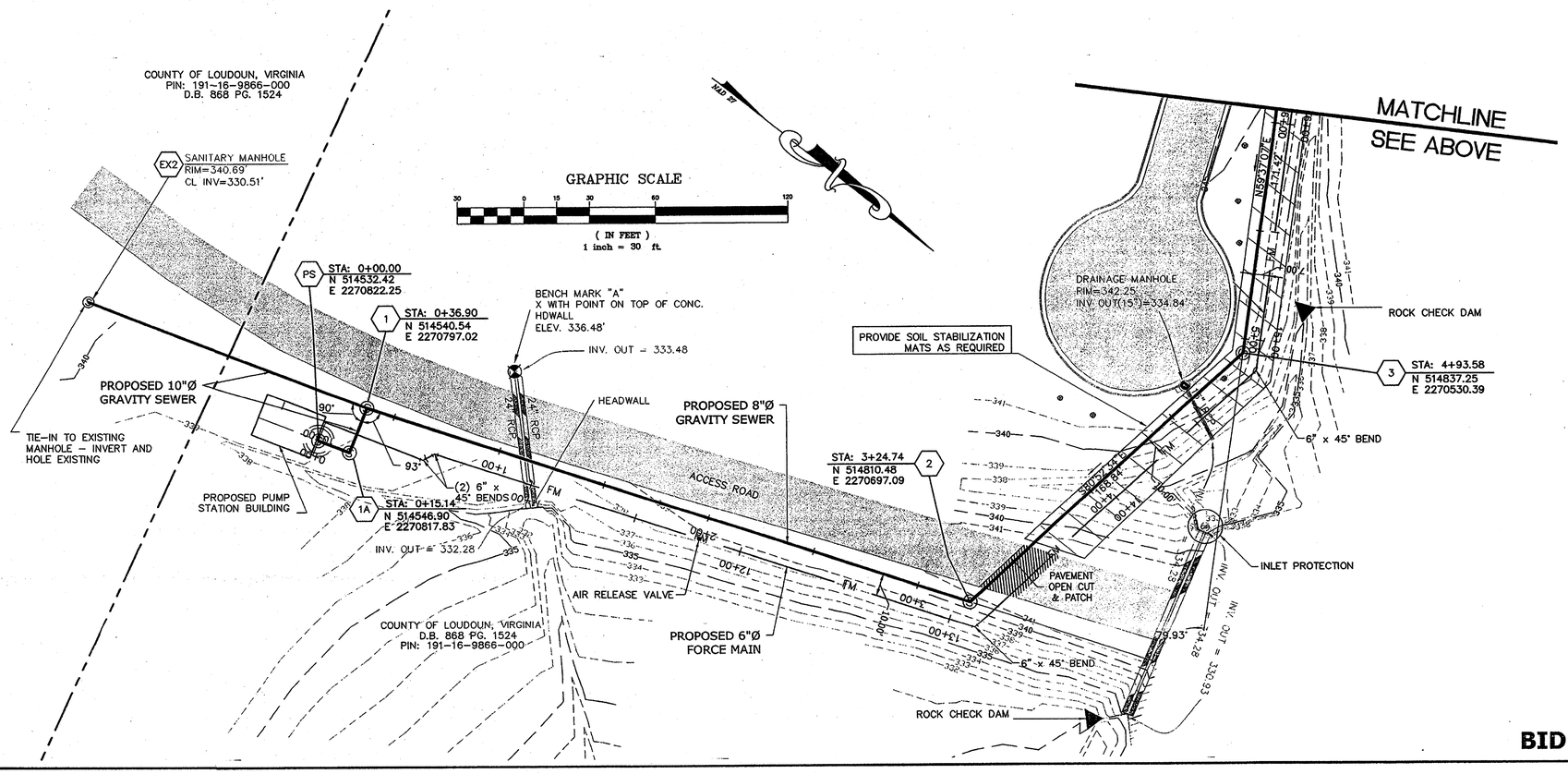
5. FILL BOTTOM OF WETWELL WITH CRUSHED STONE TO 12 INCHES BELOW LOWEST INVERT TO REMAIN. DOWEL INTO INTERIOR WETWELL PERIMETER WITH #4s @ 18" O.C. BELOW INVERTS. PLACE AND SHAPE INVERT.

6. ALLOW SUFFICIENT TIME FOR INVERT TO CURE BEFORE RETURNING THE NEW MANHOLE TO SERVICE.

GENERAL NOTES:

1. CONTRACTOR TO DIG TEST PITS TO LOCATE UNDERGROUND UTILITIES BEFORE INSTALLING PIPE.

2. CONTRACTOR SHALL FIELD VERIFY PIPE ANGLES AT MANHOLES FOR PRECAST INVERTSAND HOLES.



BID

COMMONWEALTH OF VIRGINIA
ALFRED R. WILLIAMS
No. 032037
11/29/04
PROFESSIONAL ENGINEER

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TIMMONS GROUP

DATE	11/29/04
DRAWN BY	O.YERMOLAYEV
DESIGNED BY	O.YERMOLAYEV
CHECKED BY	A. WILLIAMS
SCALE	AS SHOWN

LOUDOUN DGS PUMP STATION

LOUDOUN COUNTY, VA

GRAVITY SEWER & FORCE MAIN PLAN VIEWS

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