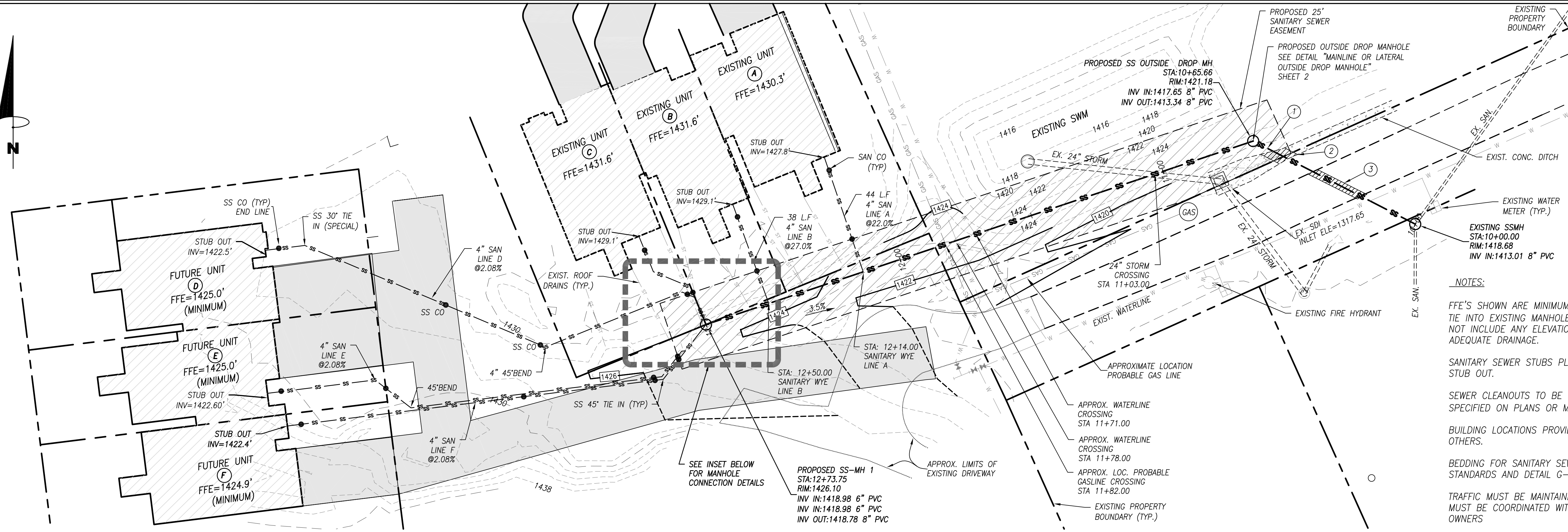
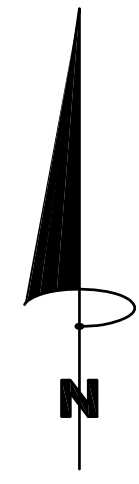
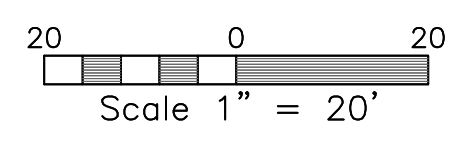




PLAN VIEW
1"=20'



- 1 REQUIRED BEDDING SEE DETAIL "BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS" SHEET 2
- 2 IMPACTED DITCH (APPROX 37 SF) TO BE REPLACED TO MATCH ADJACENT DITCH SECTIONS, SEE VDOT "STANDARD PAVED DITCHES" SECTION D-D AND SECTION E-E SHEET 2
- 3 REQUIRED BEDDING SEE DETAIL "BEDDING AND BACKFILL UNDER PAVEMENT" SHEET 2
- 4 PROPOSED 6" TO 2-4" CONNECTOR SEE DETAIL "COMBINED 6" BY TWO 4" SANITARY SEWER LATERALS" SHEET 2
- 5 6" LATERAL TO BE USED FROM MH-1 TO 4" WYE AT MINIMUM SLOPE REFER TO DETAIL "COMBINED 6" BY TWO 4" SANITARY SEWER LATERALS"

NOTES:

FFE'S SHOWN ARE MINIMUM ELEVATIONS REQUIRED FOR PROPOSED SANITARY SEWER TO TIE INTO EXISTING MANHOLE AS SHOWN USING 2.08% AS DESIGN SLOPE. FFE'S DO NOT INCLUDE ANY ELEVATION CHANGES DUE TO POTENTIAL GRADING REQUIRED FOR ADEQUATE DRAINAGE.

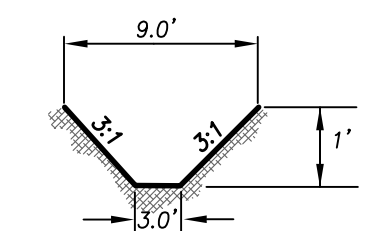
SANITARY SEWER STUBS PLACED 2.5 FEET BELOW FFE, WITH 1.5 FEET OF COVER AT STUB OUT.

SEWER CLEANOUTS TO BE PLACED AT EACH PIPE JUNCTION AND WYE CONNECTION AS SPECIFIED ON PLANS OR MINIMUM OF EVERY 100'

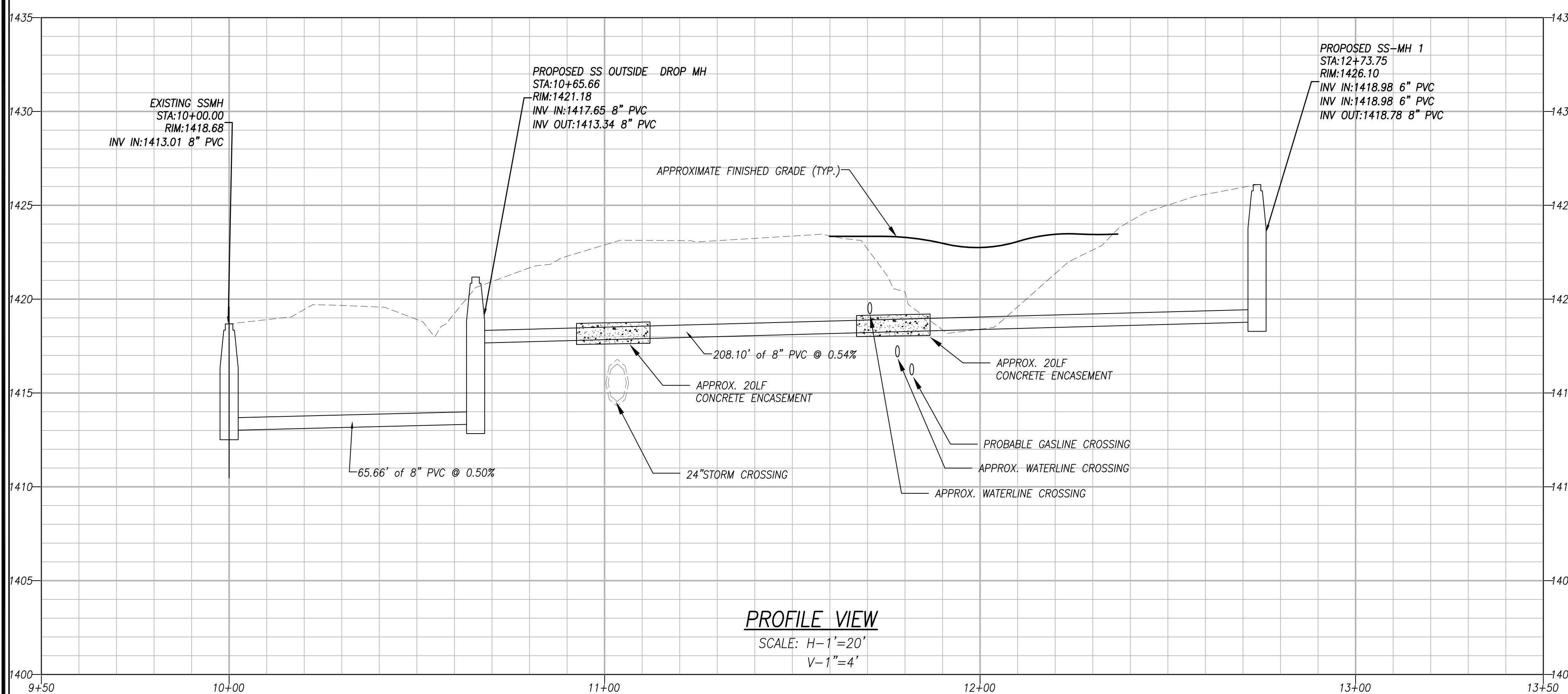
BUILDING LOCATIONS PROVIDED BY OTHERS. SETBACK AND SUBDIVISION REQUIRED BY OTHERS.

BEDDING FOR SANITARY SEWER SHALL BE IN ACCORDANCE WITH BOTETOURT COUNTY STANDARDS AND DETAIL G-01 AND G-02 WHERE APPLICABLE.

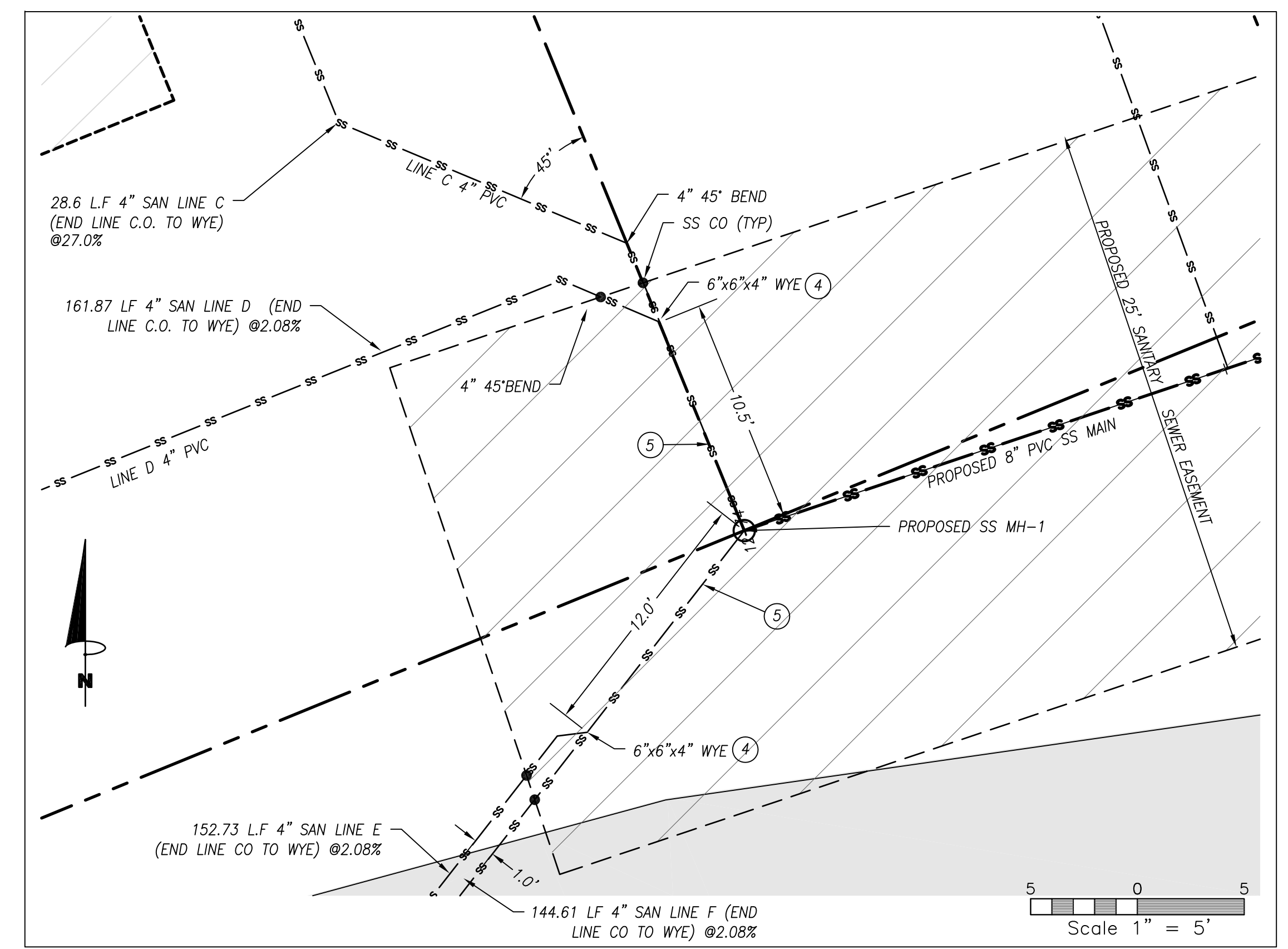
TRAFFIC MUST BE MAINTAINED AT ALL TIMES, ANY PROPOSED TEMPORARY CLOSURES MUST BE COORDINATED WITH VDOT, EMERGENCY SERVICES, AND AFFECTED PROPERTY OWNERS



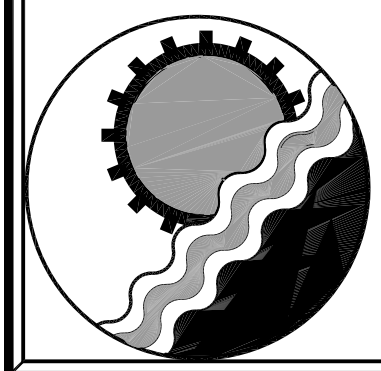
TYPICAL DITCH SECTION
NTS



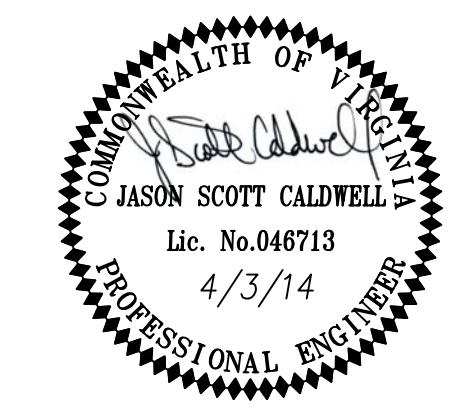
PROFILE VIEW
SCALE: H-1"=20'
V-1"=4'



SS CONNECTION INSET
SCALE: 1"=5'



ENGINEERING CONCEPTS, INC.
20 S. ROANOKE ST., PO BOX 619
FINCASTLE, VIRGINIA 24090
540.473.1253 FAX: 540.473.1254



Drawn	MSMj	SANITARY SEWER ADDITION PLAN VIEW	AS SHOWN
Designed	MSMj		DATE: APRIL 3, 2014
Checked	JSC	BERKLEY COMMONS TROUTVILLE, VIRGINIA	PROJECT: 14019
Approved	JSC		1 of 2