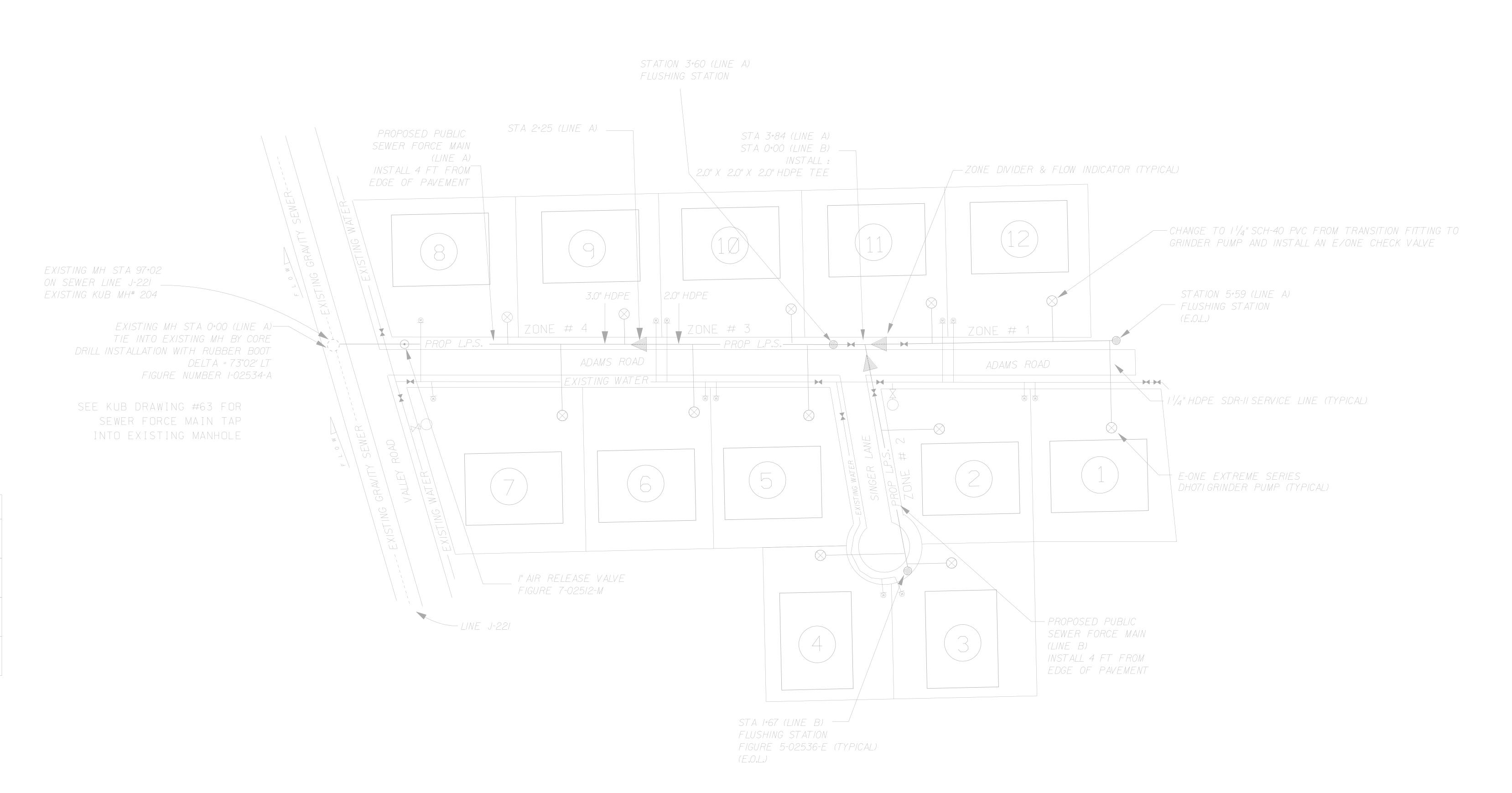
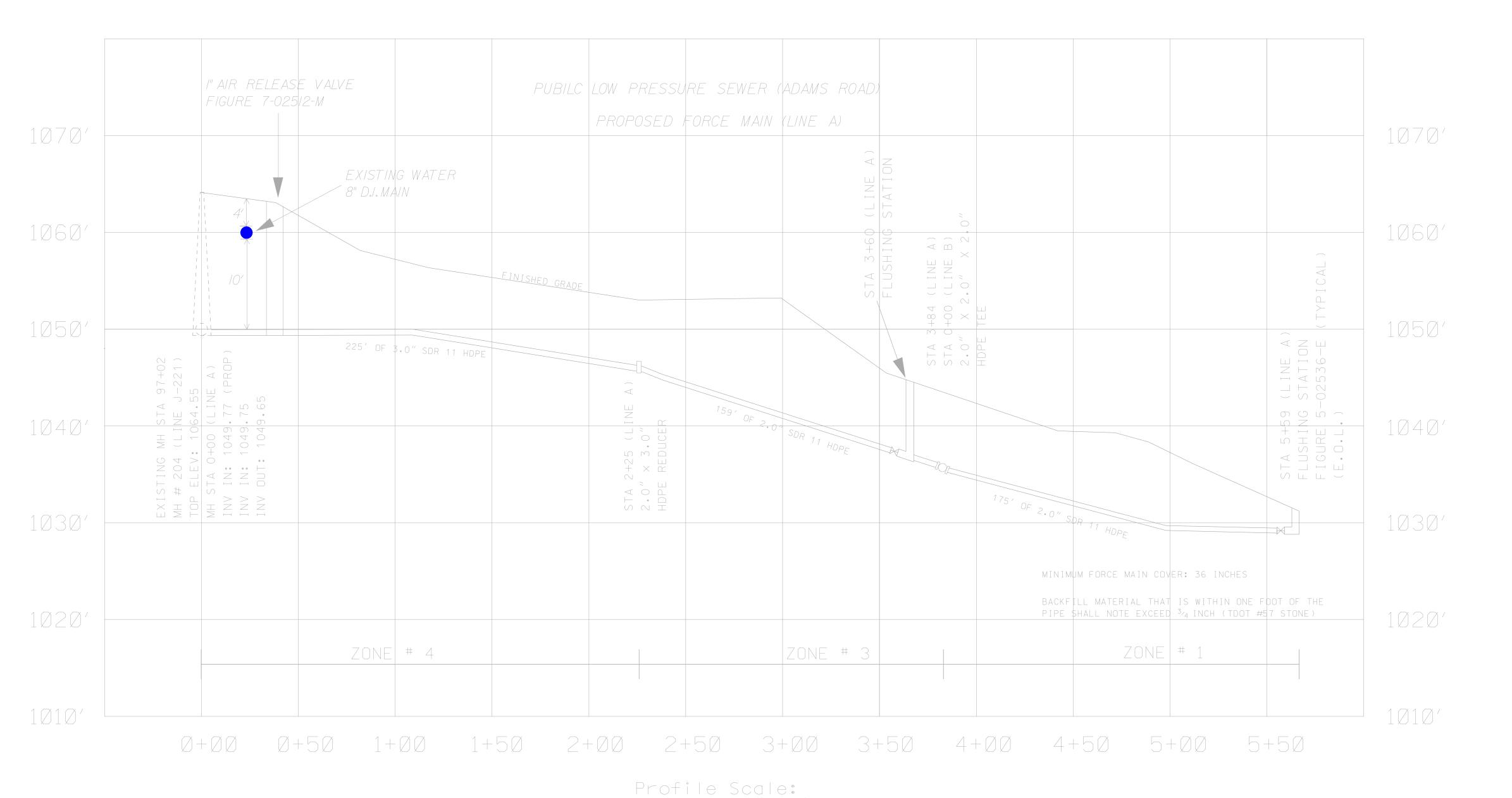


PROPERTY UNITS	
MATER/AL	QTY
2" HDPE	50/
3" HDPE	225′
E-ONE EXTREME SERIES DH071 GRINDER PUMPS	12
FLUSHING ASSEMBLY	2
" AIR RELEASE VALVE	

----- EXISTING WASTEWATER

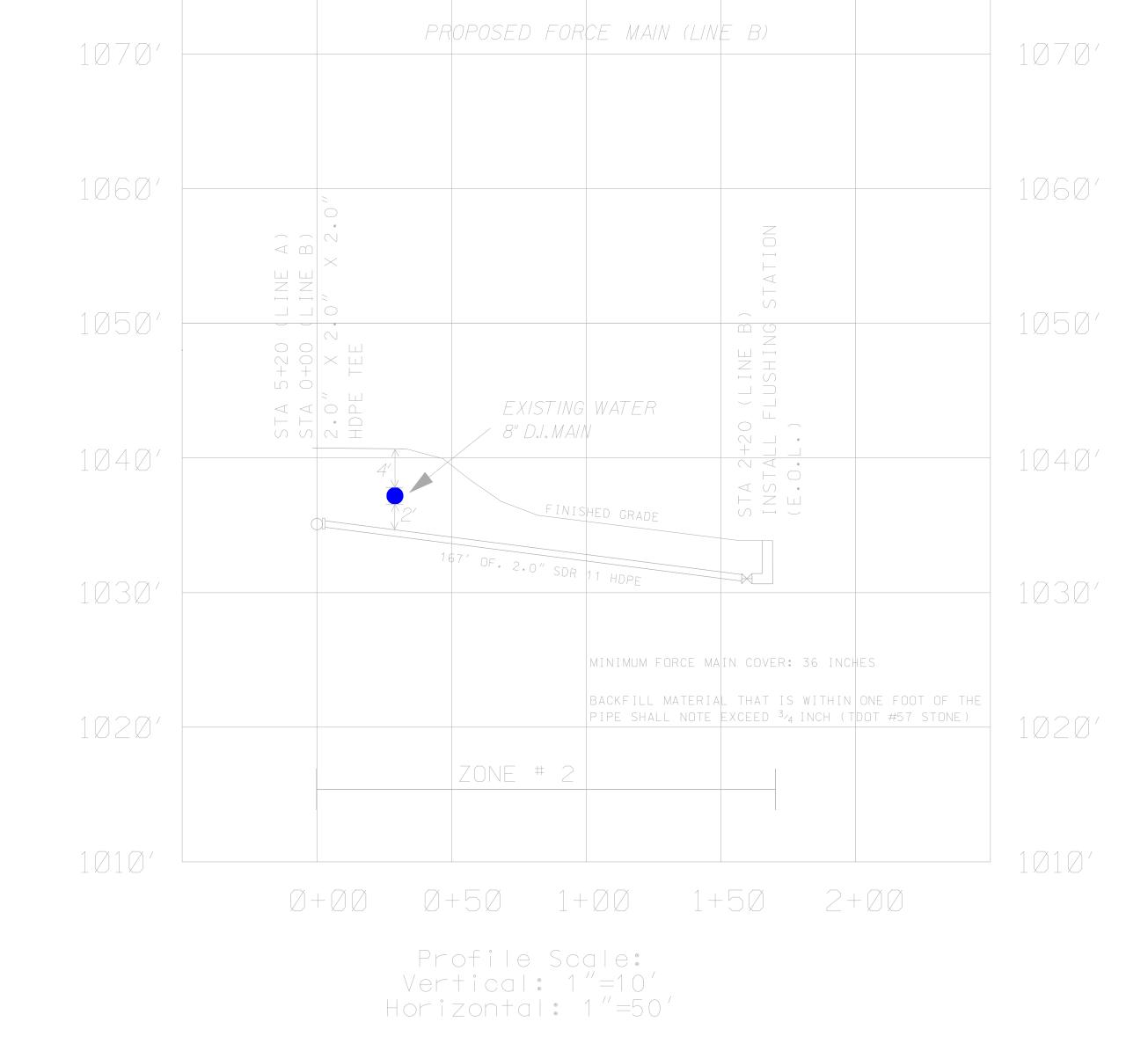
ZONE	LOT NUMBERS
	/ , // , /2
2	2,3,4
3	5,6,10
4	7,8,9

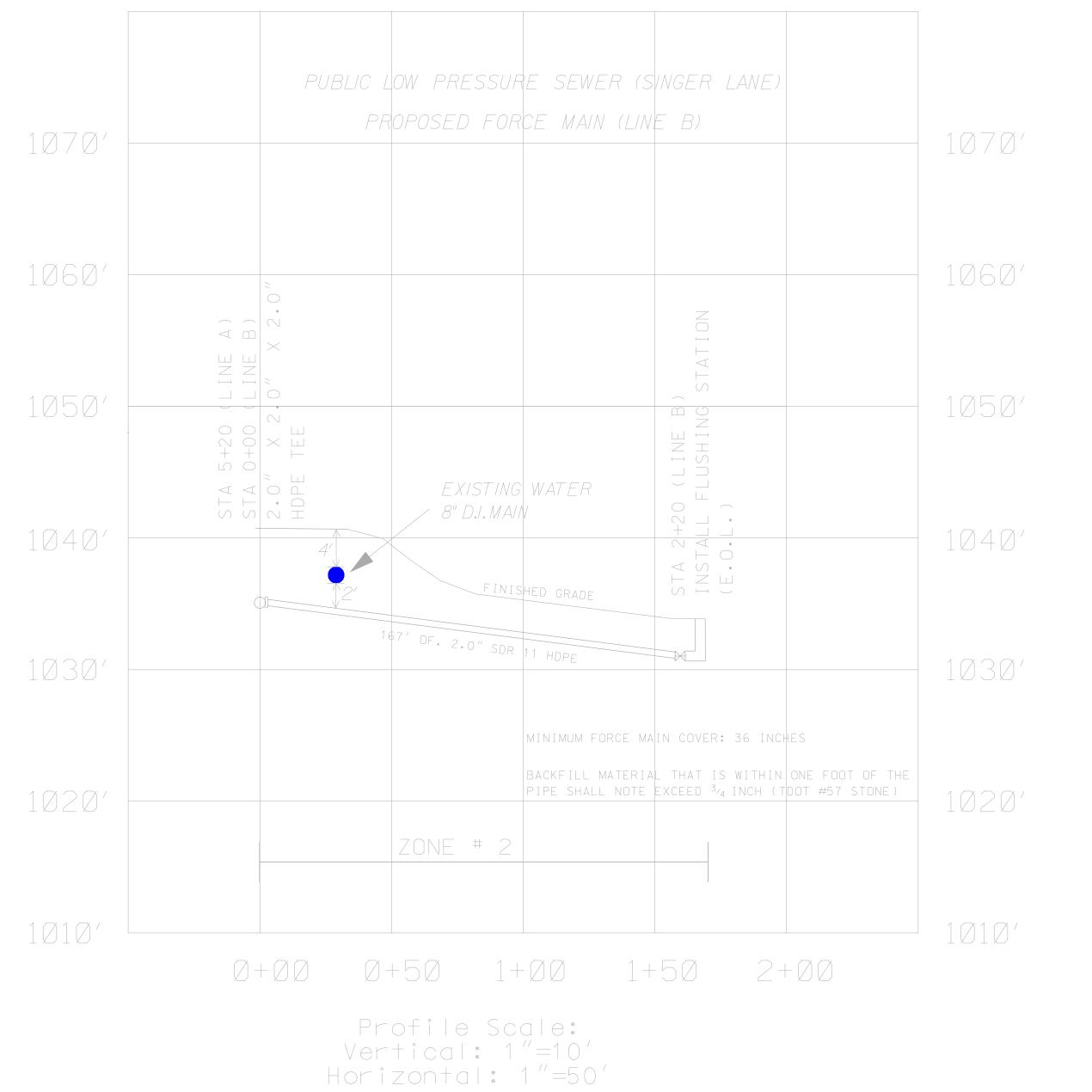




Vertical: 1"=10'

Horizontal: 1"=50'





CITY OF KNOXVILLE, KNOX COUNTY AND TDOT STANDARDS. SHALL BE REMOVED FROM THE WORK SITE AS WELL AS SMOOTHLY GRADING THE DISTURBED 8. THE CONTRACTOR SHALL OBTAIN PLASTIC WARNING TAPE FOR WASTEWATER MAINS AND BURY GREEN.THE BURIED END OF THE REBAR SHALL BE BENT TO FORM A HOOK. 9. SANITARY SEWER FLOW CONTROL (SECTION 02542 OF KUB STANDARDS AND SPECIFICATIONS) IN THE APPROPRIATE KUR REPRESENTATIVE REFORE CONSTRUCTION MUST APPROVE AN II.A COPY OF THE LATEST APPROVED SET OF UTILITY PLANS DESIGNATED BY THE KUB RED LOW PRESSURE SEWER REQUIREMENTS: 2. LOW PRESSURE SEWER SERVICE LATERALS SHALL BE 1-1/4 INCH HDPE SDR-11 FROM MAIN TO TRANSITION FITTING. CHANGE TO 1-1/4 INCH SCH-40 PVC FROM TRANSITION FITTING TO GRINDER PUMP (SEE KUB STANDARDS AND SPECIFICATIONS, FIG. 2-02532-B). 3. INSTALL AN E-ONE CHECK VALVE ON THE 1-1/4 INCH PVC LATERAL WITHIN 24 INCHES OF THE 4. BACKFILL MATERIAL WITHIN ONE FOOT OF PIPE SHALL NOT EXCEED $\frac{3}{4}$ INCH (TDOT #57 STONE). (SEE KUB STANDARDS AND SPECIFICATIONS 02536, PG. 3) 6. POLYETHYLENE PIPE (HDPE) AND FITTINGS SHALL BE MADE OF HIGH DENSITY, EXTRA HIGH 7. POLYETHYLENE PIPE (HDPE) SHALL HAVE A CO-EXTRUDED GREEN COVER OR EXTRUDED ACCEPTABLE METHOD FOR DESIGNATION OF LOW-PRESSURE SEWER MAINS.PIPE WITH EXTRUDED GREEN STRIPES SHALL HAVE A MINIMUM OF THREE EQUALLY SPACED STRIPES. 8. PROPER INSTALLATION OF LPS FOUND IN KUB'S STANDARDS AND SPECIFICATIONS SECTION 9. THRUST/RESTRAINT BLOCKS SHALL BE INSTALLED IN LOCATIONS SHOWN ON THE PLANS OR IN

LOCATION MAP (N.T.S.)

GENERAL WASTEWATER REQUIREMENTS:

THE KNOXVILLE UTILITIES BOARD'S STANDARD SEWER SYSTEM SPECIFICATIONS AND DETAILS.

OF THE CONTRACTOR AND SHALL CONFORM WITH ALL APPLICABLE LOCAL, STATE AND OSHA

6. REQUIREMENTS FOR PROPER TRENCH AND BACKFILL OPERATIONS MUST MEET OR EXCEED

CITY OF KNOXVILLE

KUB WASTEWATER CONSTRUCTION NOTES:

THRUST/RESTRAINT BLOCKS SHALL BE CONSIDERED AN INTEGRAL PART OF THE LOW PRESSURE

APPROVED BY KUB PRIOR TO STAKING AND INSTALLING WASTEWATER MAINS. 2. THE DEVELOPER'S AUTHORIZED REPRESENTATIVE SHALL STAKE THE PROPOSED WASTEWATER ALLOW AMPLE TIME FOR KUB'S INSPECTORS TO INSPECT THE LAYOUTS PRIOR TO CONSTRUCTION. KUB WILL DETERMINE IF STAKING MAY BE REQUIRED PRIOR TO APPROVAL OF PLANS. 3. CONSTRUCTION MATERIALS MUST MEET KUB SPECIFICATIONS. KUB REPRESENTATIVES MUST

4. WASTEWATER MAIN INSTALLATION MUST BE INSPECTED BY KUB. CONTACT KUB FIELD SERVICES AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION AT 558-2786. TRENCHES SHALL

BE LEFT OPEN AND NOT BACKFILLED UNTIL INSPECTED BY KUB. 5.CONTACT KUB FIELD SERVICES AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION

OF CITY OF KNOXVILLE LIMITS.

7. AN A-LOCK OR Z-LOCK GASKET SHALL BE PROVIDED FOR EACH WASTEWATER MAIN OR LATERAL

APART TO PREVENT WATER FROM DRAINING THROUGH THE GRAVEL BEDDING. THE STOPS SHALL CONSIST OF COMPACTED CLAY AT LEAST THREE (3) FEET THICK FROM THE BOTTOM OF THE TRENCH TO THE TOP OF THE TRENCH. THE STOPS SHALL BE CUT A MINIMUM DEPTH OF TWO (2) FEET INTO BOTH WALLS OF THE TRENCH. THE PREFERRED LOCATION OF A WATER STOP IS UPSTREAM OF EACH MANHOLE. ALL STREAM CROSSINGS SHALL INCLUDE WATER STOPS ON

MOUNTAIN VIEW SID - PH I ADAMS ROAD AT VALLEY ROAD

SHEET / / SHEETS

ENGINEER PERFECTION ENGINEERING 594 OLD SCHOOL LN KNOXVILLE,TN 39999 (865) 426-9876

DEVELOPER BOB R SMITH 2468 N.SHORE DR JAXON,TN 36678

REVISION APPR. DRAWN CHECKED

1"= 50/ 11 - 1 - Ø8

PUBLIC LOW PRESSURE SEWER