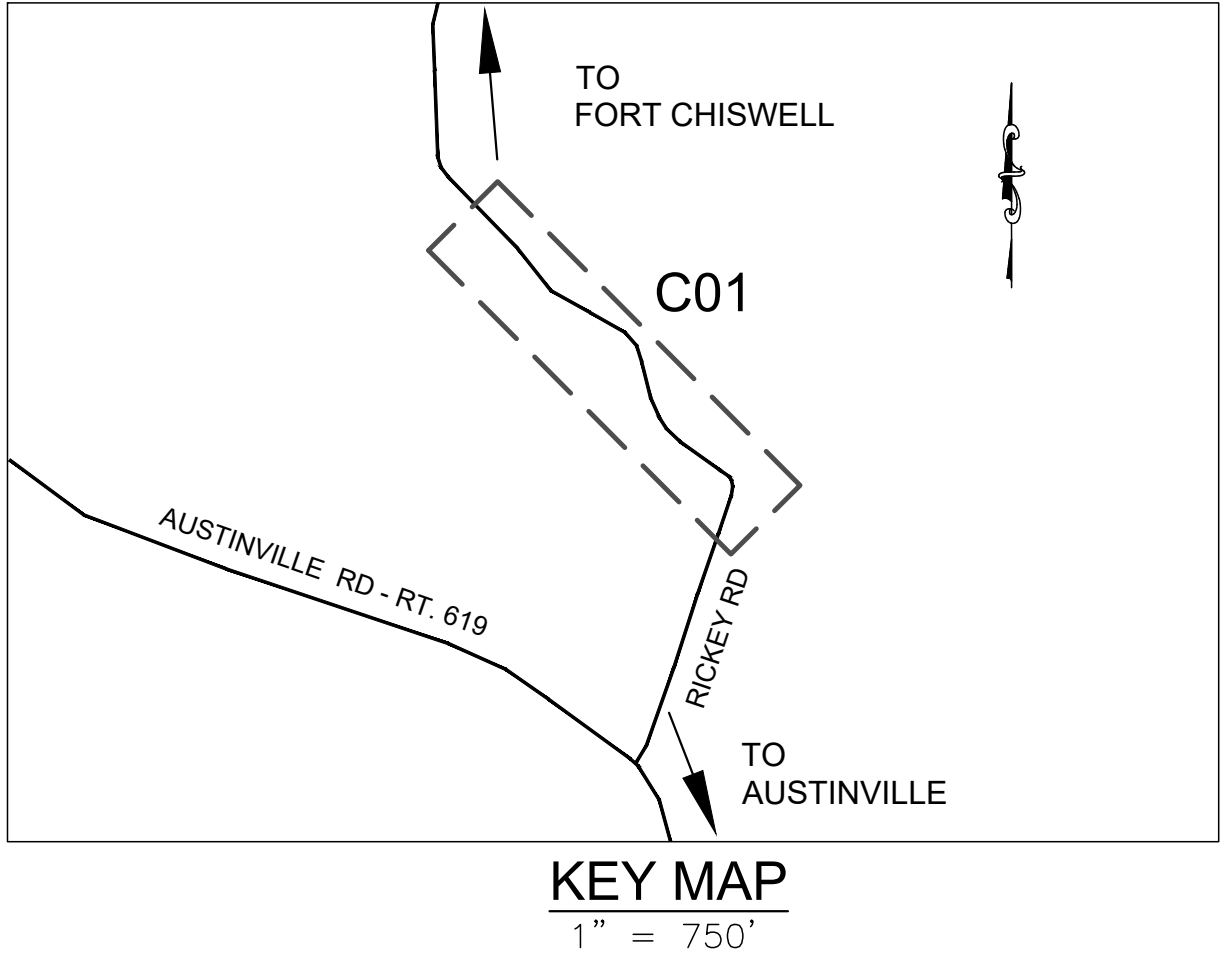
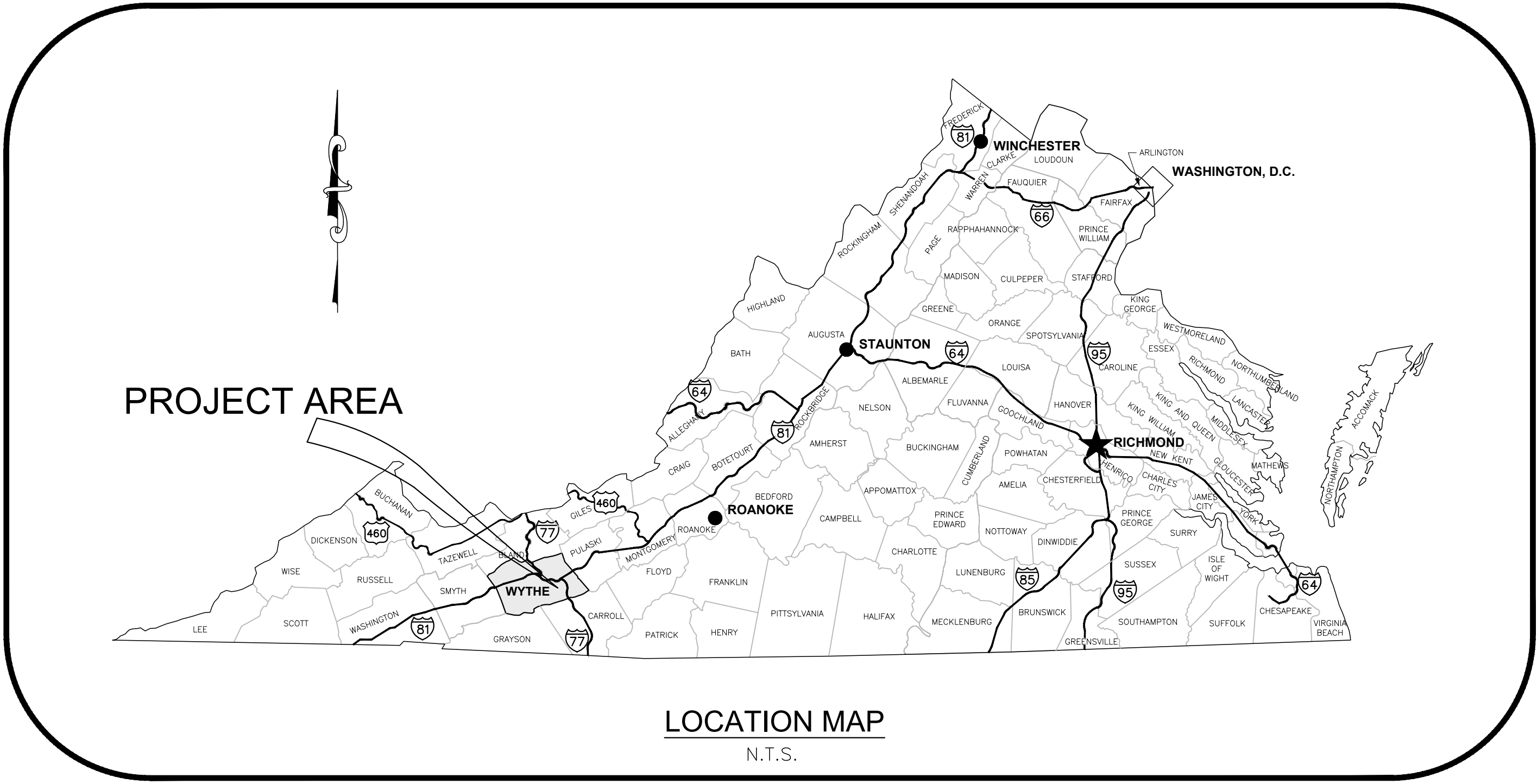


# WYTHE COUNTY RICKEY ROAD WATERLINE EXTENSION WYTHE COUNTY, VIRGINIA



### SHEET INDEX

G01	COVER SHEET
C01	WATERLINE PLAN & PROFILE
D01	STANDARD NOTES & DETAILS

### EROSION CONTROL LEGEND

NO.	TITLE	KEY	SYMBOL
3.05	SILT FENCE	SF	X-X-X
3.08	CULVERT INLET PROTECTION	CIP	▨
3.20	CHECK DAM	CD	▶
3.36	SLOPE MATTING	E/M	E/M

\* NUMBER REFERS TO THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK SYMBOLS

### GENERAL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS TO WORK WITHIN THE RIGHT-OF-WAY INCLUDING BUT NOT LIMITED TO VDOT AND WYTHE COUNTY.
- ALL DISTURBED AREAS NOT PAVED WILL BE GRASSED WITH PERMANENT SEEDING AS SPECIFIED IN THE SPECIFICATIONS.
- NOTIFY "MISS UTILITY" AT 1-800-552-7001 AT LEAST 48 HOURS PRIOR TO EXCAVATION IN THE RIGHT-OF-WAY.
- EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND DO NOT REPRESENT ALL UNDERGROUND UTILITY OR SERVICE LINES. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CONTACT "MISS UTILITY" TO HAVE ALL UNDERGROUND UTILITIES LOCATED AND MARKED.
- CONTRACTOR SHALL CONTACT "MISS UTILITY" PRIOR TO INSTALLING CASINGS AND SHALL DIG A TEST HOLE TO DETERMINE THE ACTUAL HORIZONTAL AND VERTICAL LOCATION OF THE UNDERGROUND UTILITIES THAT WILL BE CROSSED.
- LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON PLANS ARE APPROXIMATE. INTEGRITY OF PROPERTY AND RIGHT-OF-WAY MONUMENTATION SHALL BE PRESERVED. REPLACEMENT OR CORRECTION OF DISTURBANCE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- WATERLINES AND APPURTENANCES SHALL BE CONSTRUCTED WITHIN ROAD RIGHT-OF-WAY OR EASEMENTS. FIRE HYDRANTS AND WATER METERS WILL BE LOCATED BEHIND THE DITCH LINE. NO METER BASES WILL BE ALLOWED BETWEEN THE EDGE OF PAVEMENT AND THE DITCH LINE.
- CONTRACTOR SHALL SET VALVE BOX TOPS AS DIRECTED BY INSPECTOR AND AS SHOWN ON PLANS.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING PAVEMENT DURING CONSTRUCTION ON ALL VDOT ROADWAYS. NO TRACKED OR CLEATED EQUIPMENT IS PERMITTED ON THE ASPHALT PAVEMENT WITHOUT PROTECTIVE MEASURES. CONTRACTOR MAY INSTALL SUITABLE PROTECTIVE MEASURES (AT NO ADDITIONAL COST TO THE OWNER) IN ORDER TO USE TRACKED OR CLEATED CONSTRUCTION VEHICLES WITHIN THE PAVEMENT EXTENTS.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL GUARDRAIL MOVED, RELOCATED, OR DAMAGED BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DITCHES AND SHOULDERS. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ALL FENCING MOVED, RELOCATED, OR DAMAGED BY THE CONTRACTOR.
- CONTRACTOR WILL BE REQUIRED TO OBTAIN A PERMIT AND POST A CONSTRUCTION BOND FROM VDOT. CONTRACTOR WILL BE REQUIRED TO RECEIVE VDOT AND WYTHE COUNTY APPROVAL FOR THE STATE OF THE ROADWAY PRIOR TO FINAL COMPLETION.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE AROUND AND THROUGH THE CONSTRUCTION AREA AS CURRENTLY EXISTS. NO PONDING WATER IN DITCHES WILL BE PERMITTED DURING THE CONSTRUCTION.
- CONTRACTOR WILL PROVIDE EROSION CONTROL MEASURES TO PREVENT DISTURBED RUNOFF FROM LEAVING THE SITE. EROSION CONTROL MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO, CHECK DAMS, INLET PROTECTION, CULVERT INLET PROTECTION AND OTHER MEASURES.
- CONTRACTOR WILL BE REQUIRED TO INSTALL SILT FENCE IN RUNOFF SENSITIVE AREAS (ALONG CREEKS, STEEP SLOPES, ETC.) WITH THE EXTENTS TO BE FIELD DETERMINED BY THE WYTHE COUNTY OR VDOT EROSION CONTROL OFFICIAL.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND ANY PAYMENT REQUIRED TO UTILITY COMPANIES FOR ANY TEMPORARY SHORING AND/OR SUPPORT OF UTILITY POLES.
- CONTRACTOR WILL SAWCUT EXISTING ASPHALT, REMOVE PAVEMENT, AND REPAIR PER STANDARD PAVEMENT REPAIR DETAIL.
- DRIVEWAY CULVERT NOT SHOWN ON PLANS FOR CLARITY.

### LEGEND

	EXISTING CREEK/DITCH		WATERLINE
	EXISTING WATERLINE		FIRE HYDRANT (COMPLETE)
	EXISTING FIRE HYDRANT		REDUCER
	EXISTING EDGE OF PAVEMENT		WATER METER
	PROPERTY LINE/ VDOT RIGHT OF WAY		AIR RELEASE VALVE
	EXISTING FENCE		GATE VALVE
	EXISTING UTILITY POLE		METER RECONNECTION
	EXISTING CULVERT		PERMANENT UTILITY EASEMENT
	EXISTING TREE LINE		TEMPORARY CONSTRUCTION EASEMENT
	EXISTING BUILDING		EXISTING UNDERGROUND TELEPHONE/CABLE

### STANDARD ABBREVIATIONS

ADJ	ADJACENT	MON	MONUMENT
BC	BACK OF CURB	MTL	METAL
BLDG	BUILDING	N	NORTHING
BM	BENCHMARK	NIC	NOT IN CONTRACT
BSMT	BASEMENT	NO.	NUMBER
CF	CUBIC FOOT	NTS	NOT TO SCALE
CI	CAST IRON	O/C	ON CENTER
CL	CENTERLINE	O/S	OFFSET
CLR	CLEAR	OD	OUTSIDE DIAMETER
CMP	CORRUGATED METAL PIPE	PE	POLYETHYLENE
CMU	CONCRETE MASONRY UNIT	PERF	PERFORATED
CO	CLEANOUT	PL	PROPERTY LINE
CONC	CONCRETE	PSI	POUNDS PER SQUARE INCH
COR	CORNER	PVC	POLYVINYL CHLORIDE
CULV	CULVERT	R	RADIUS
CY	CUBIC YARD	ROW	RIGHT OF WAY
D	DEPTH, DEGREE OF CURVE	RCP	REINFORCED CONCRETE PIPE
DEPT	DEPARTMENT	RD	ROAD, ROOF DRAIN
DI	DUCTILE IRON, DROP INLET	REINF	REINFORCE, REINFORCEMENT
DIA	DIAMETER	REQ'D	REQUIRED
DIP	DUCTILE IRON PIPE	REV	REVISION
DIV.	DIVISION	RMV	REMOVE
DR	DRIVE	RR	RAILROAD
DWG	DRAWING	RT	RIGHT
DWL	DWELLING	RTE	ROUTE
E	EASTING	S	SOUTH
EP	EDGE OF PAVEMENT	SAN	SANITARY
EOP	EDGE OF PAVEMENT	SD	STORM DRAIN
EA	EACH	SDWK	SIDEWALK
EG	EXISTING GRADE	SMH	SANITARY MANHOLE
ELEV	ELEVATION	SPEC	SPECIFICATION
ESMT	EASEMENT	SQ	SQUARE
EW	END WALL	SS	SANITARY SEWER
EX.	EXISTING	ST	STREET
EXIST.	EXISTING	STA	STATION
EXT	EXTERIOR	STD	STANDARD
FC	FACE OF CURB	STL	STEEL
FF	FINISHED FLOOR	STM	STORM
FG	FINISHED GRADE	STY	STORY
FNC	FENCE	SUR	SURVEY
FT	FOOT	SWR	SEWER
GAL	GALLON(S)	TC	TOP OF CURB
GALV	GALVANIZED	TEL	TELEPHONE
GND	GROUND	TEMP	TEMPORARY
GOVT	GOVERNMENT	TMP	TEMPORARY
HDPE	HIGH DENSITY POLYETHYLENE PIPE	TYP.	TYPICAL
HYD	HYDRANT	UE	UNDERGROUND ELECTRIC
ID	INSIDE DIAMETER	UG	UNDERGROUND
IN	INCH	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
INV	INVERT	VERT	VERTICAL
JUB	JUNCTION BOX	W	WITH
L	LENGTH	W/I	WITHIN
L.F.	LINEAR FOOT	W/O	WITHOUT
LT	LEFT	WL	WATERLINE
MAX	MAXIMUM	WWF	WOVEN WIRE FABRIC
MFR	MANUFACTURER	XING	CROSSING
MH	MANHOLE	XFMR	TRANSFORMER
MIN	MINIMUM	Z	ELEVATION
MJ	MECHANICAL JOINT	GV	GATE VALVE
ARV	AIR RELEASE VALVE		

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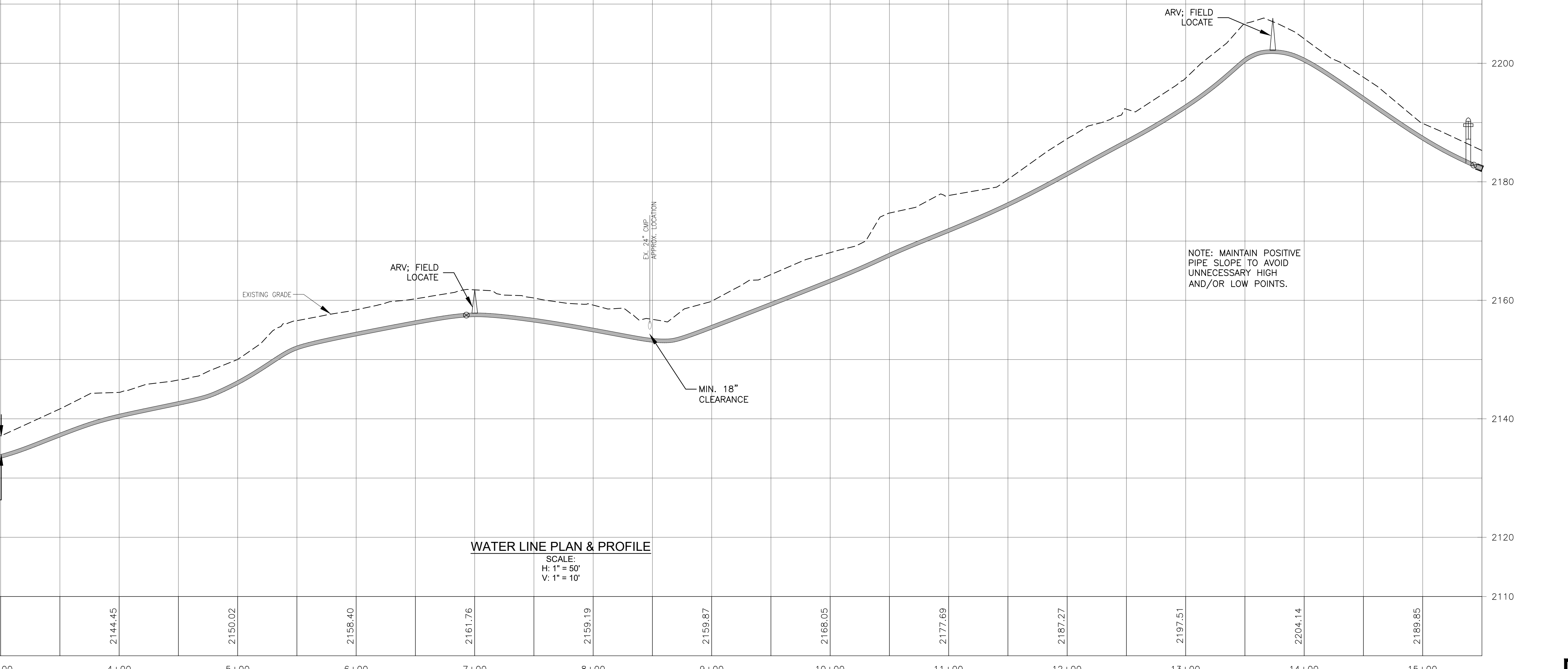
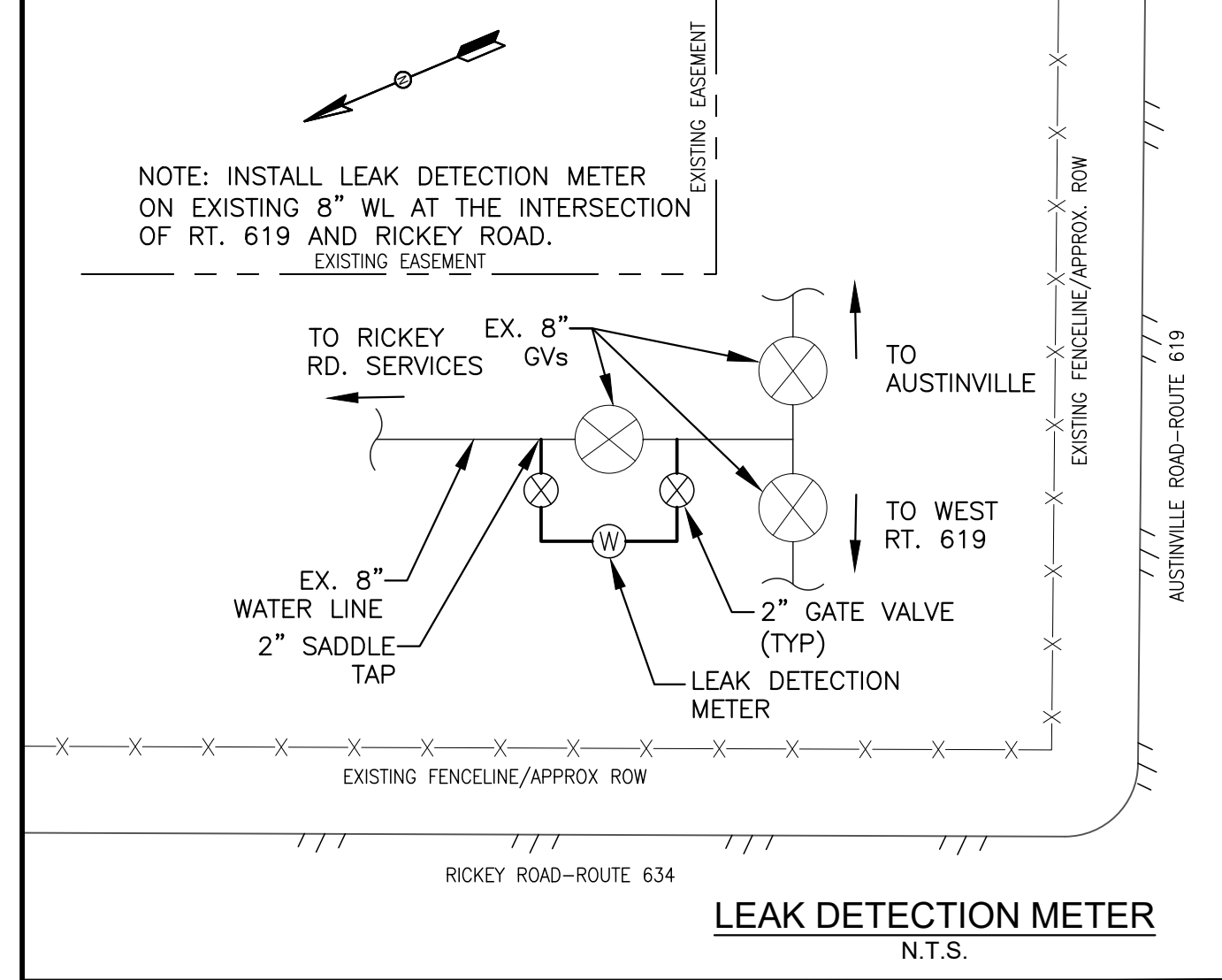
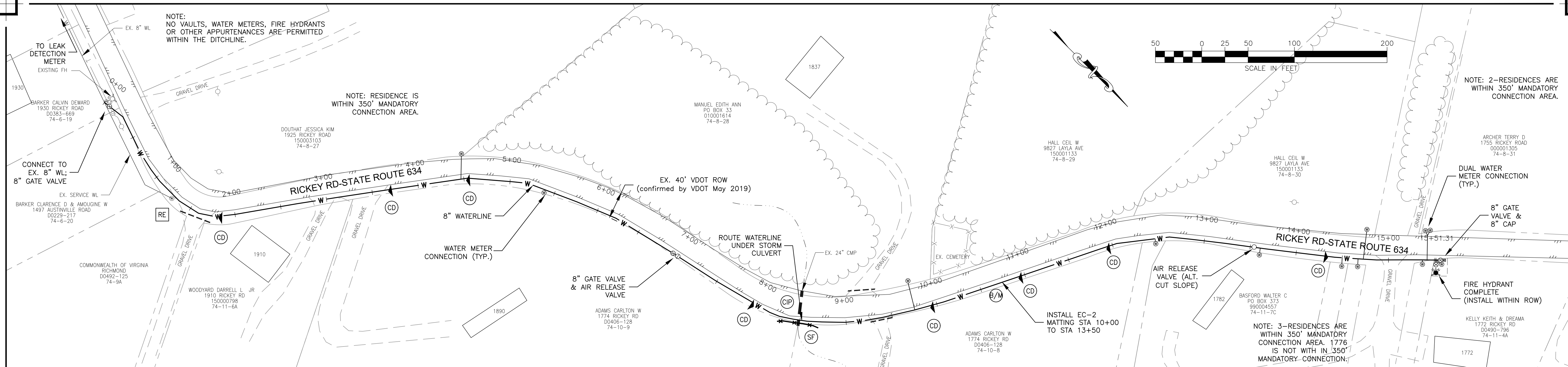
**RICKEY ROAD  
WATERLINE EXTENSION**  
WYTHE COUNTY  
VIRGINIA



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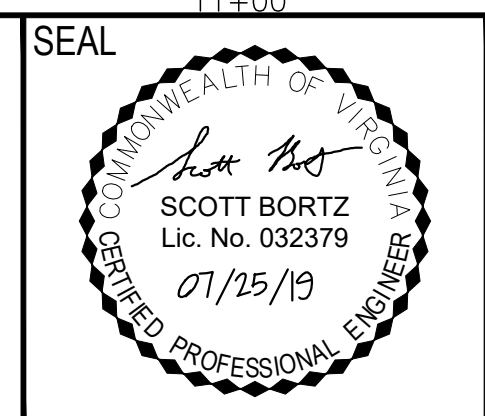
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SHEET INDEX, LEGEND &  
LOCATION MAP

**G01**



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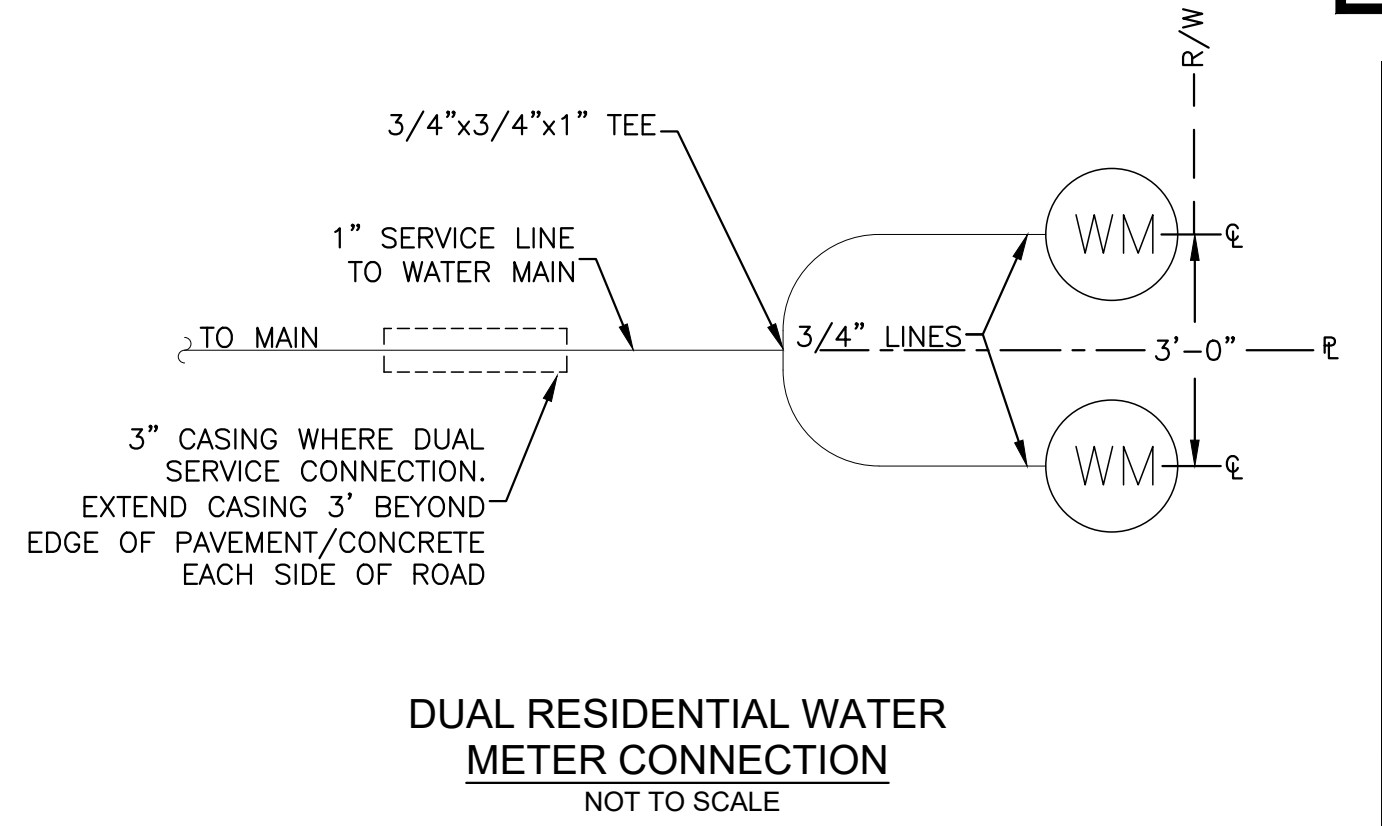
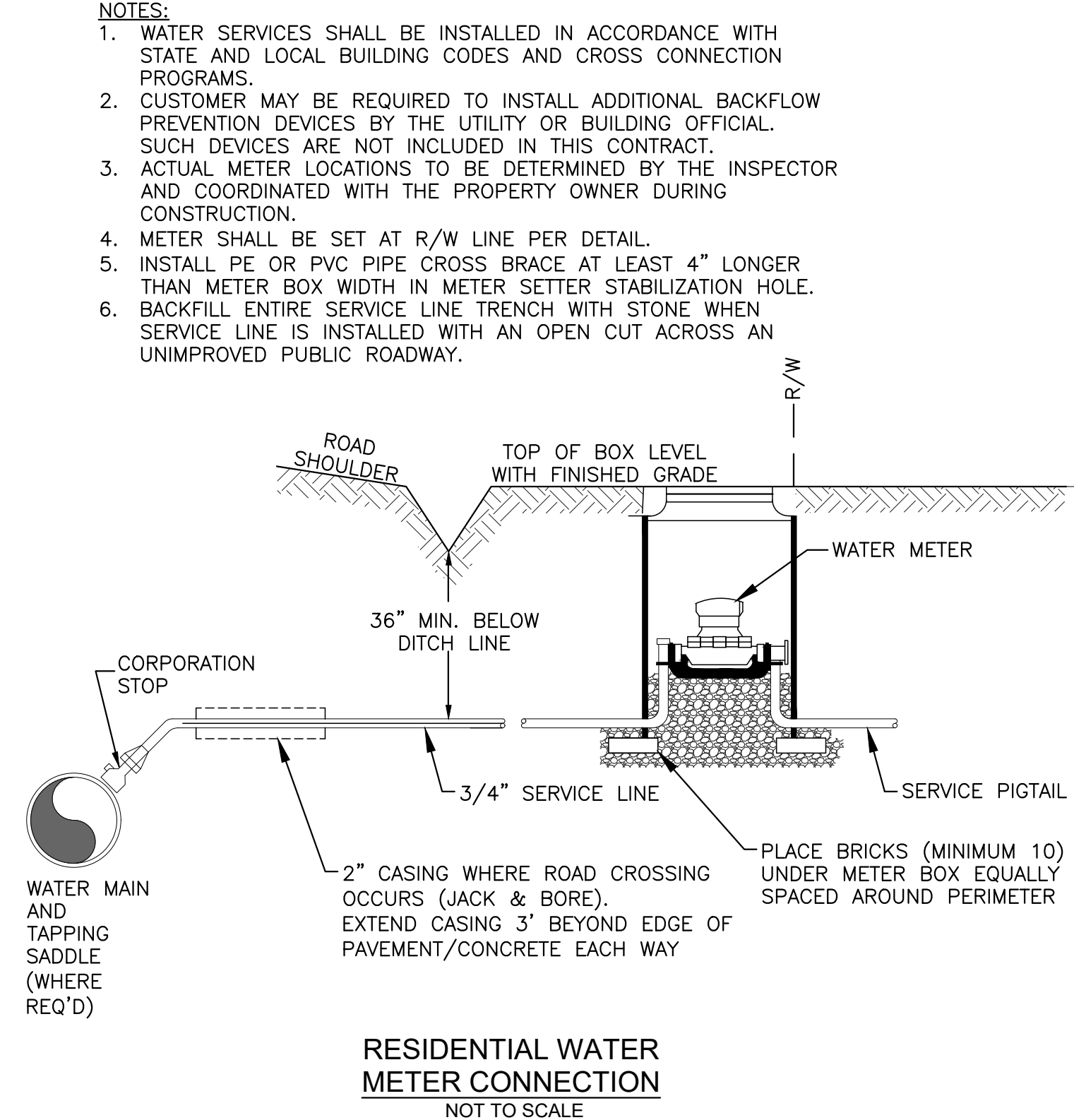
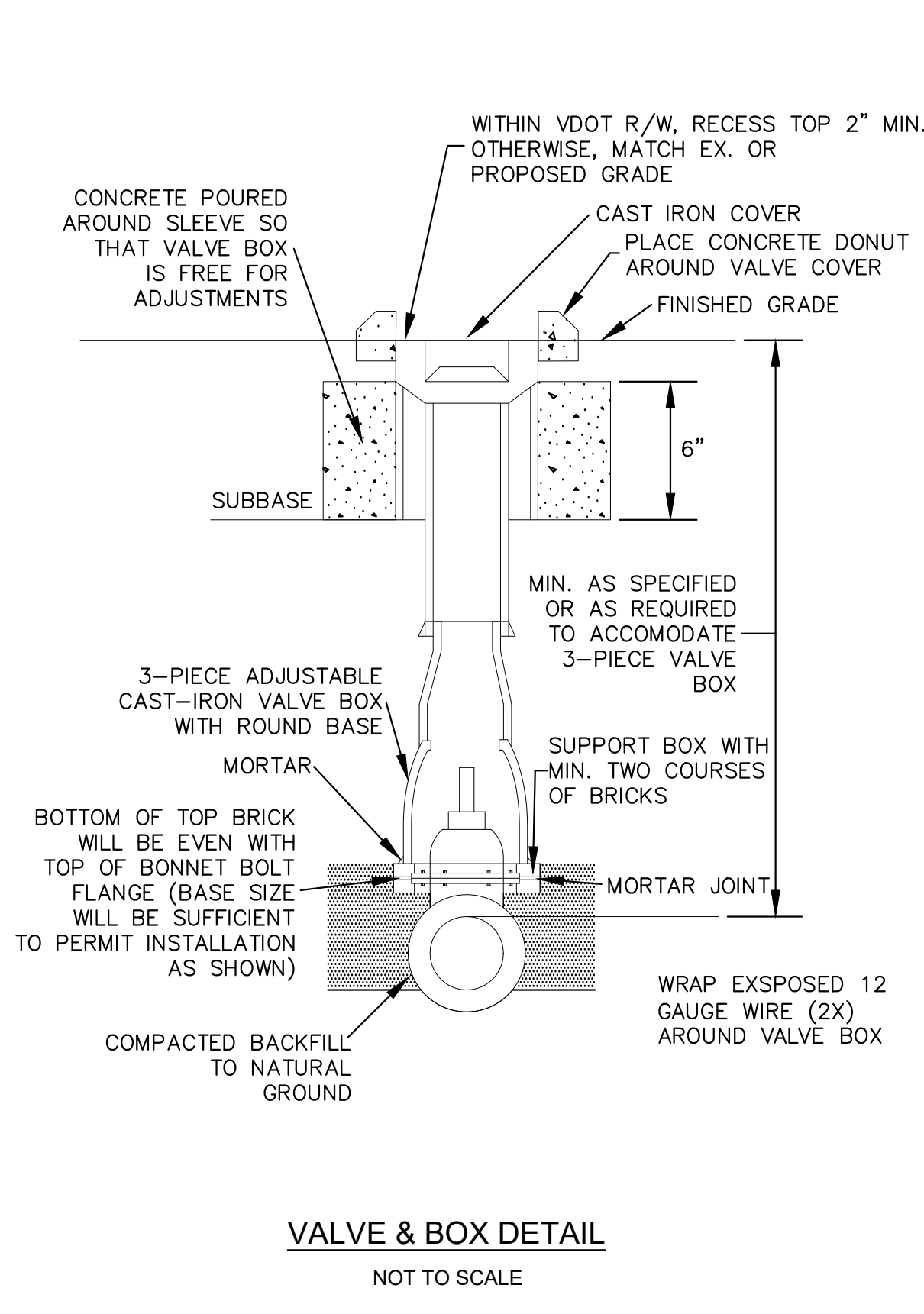
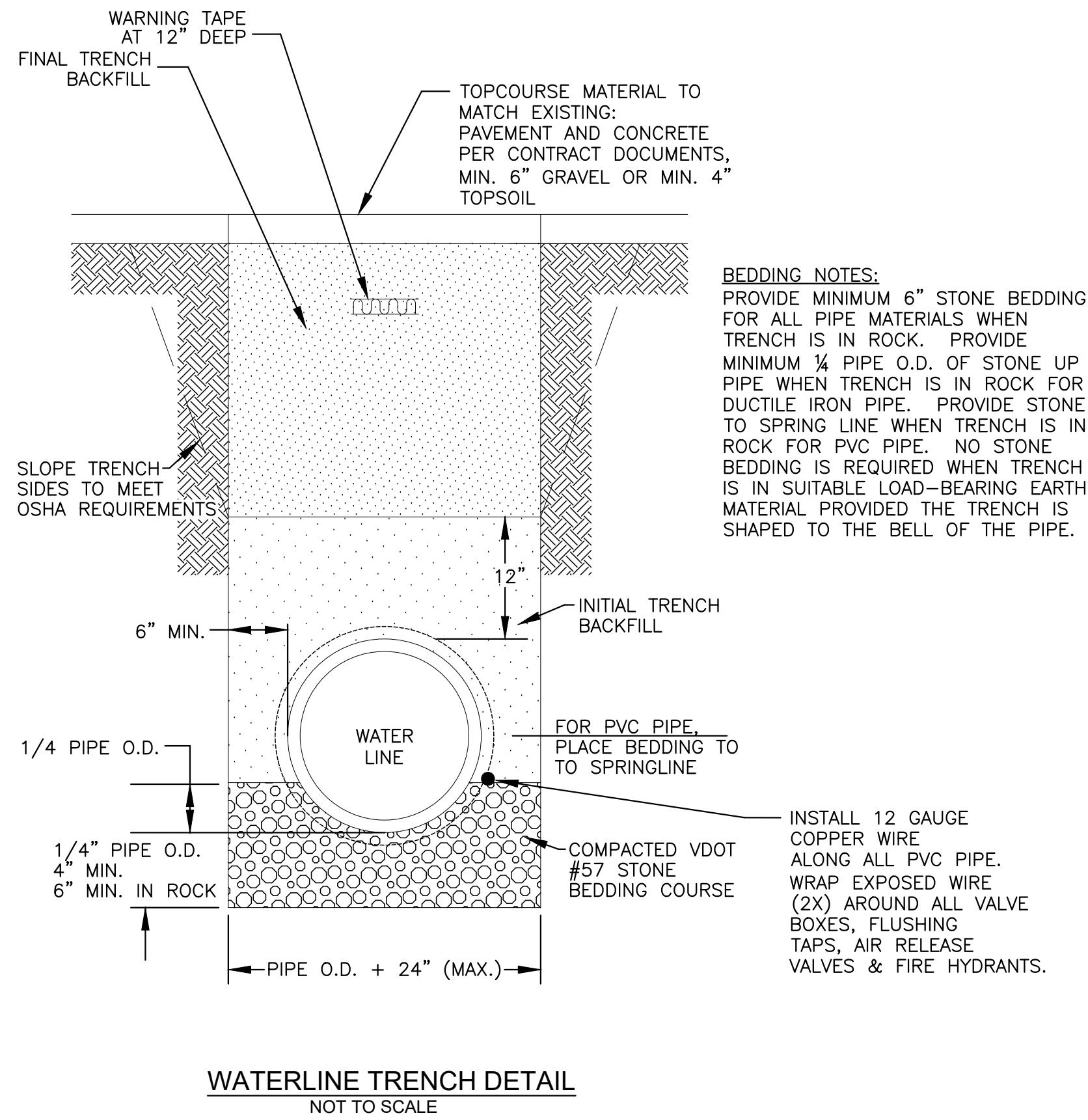


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**WATERLINE PLAN & PROFILE**

**C01**





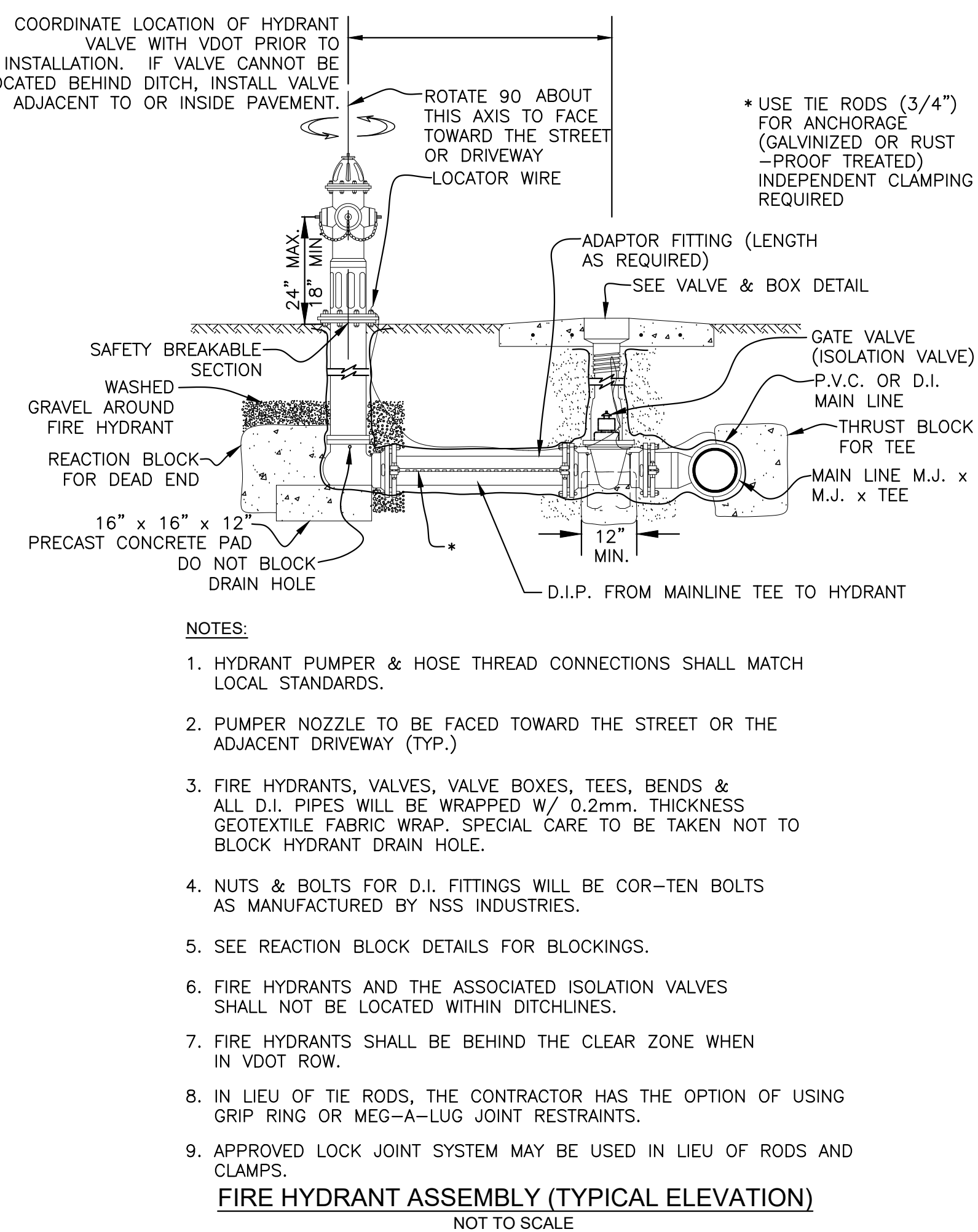
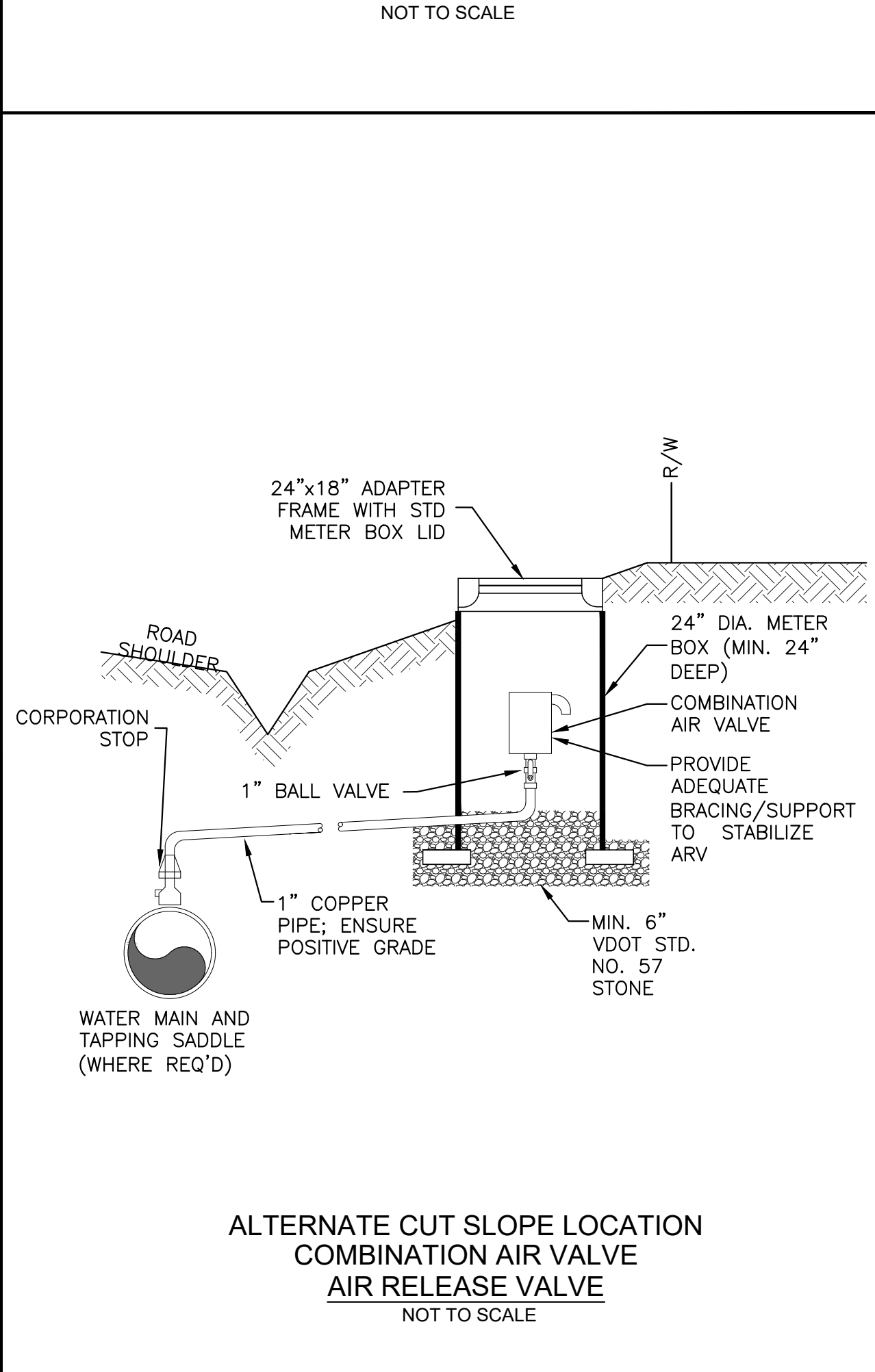
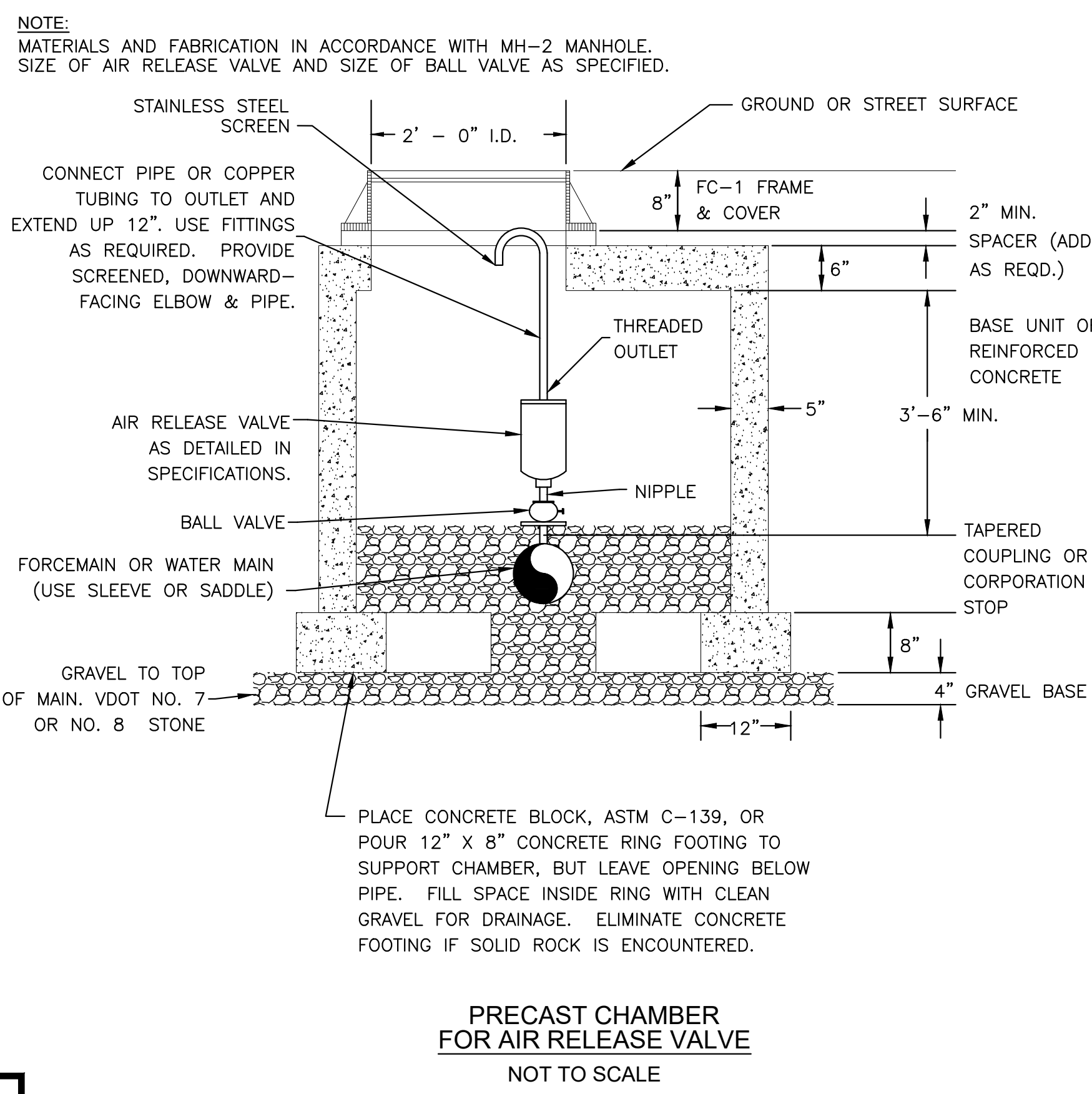
**UNDERGROUND UTILITY EROSION CONTROL NOTES:**

UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:

- NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
- EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
- EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE OR BOTH AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
- MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
- RE-STABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
- APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.

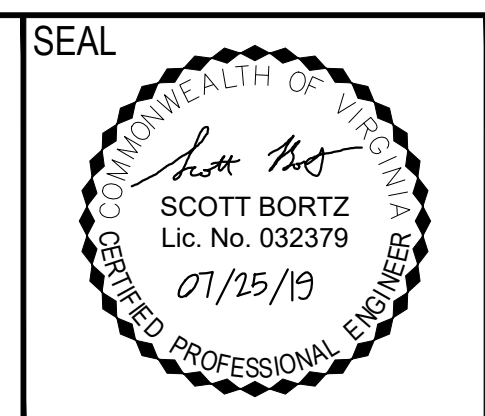
**VDOT GENERAL NOTES:**

- ALL WORK PERFORMED IN THE PUBLIC RIGHT OF WAY SHALL CONFORM TO THE CURRENT ROAD AND BRIDGE STANDARDS, THE CURRENT ROAD AND BRIDGE SPECIFICATIONS AND THE CURRENT WORK AREA PROTECTION MANUAL.
- IF THE ROAD STRUCTURE BECOMES UNDERMINED, OR THE PAVEMENT IS OTHERWISE DAMAGED, THE LOOSENED MATERIAL WILL NEED TO BE REMOVED AND REPLACED AND PROPERLY COMPACTED, AND THE ROAD SURFACE WILL NEED TO BE CUT AND PATCHED IN ACCORDANCE WITH THE LUP-OCPR AND REQUIREMENTS OF THE VDOT RESIDENCY.
- FIRE HYDRANTS, WATER METERS AND OTHER ABOVEGROUND APPURTENANCES WILL NEED TO BE PLACED BEHIND THE DITCH IN CUT SECTIONS, JUST BEYOND THE TOP OF SLOPE IN FILL SECTIONS, OR BEYOND THE CLEAR ZONE. COORDINATE FIELD LOCATIONS WITH PROJECT INSPECTOR AND VDOT PRIOR TO SETTING HYDRANTS AND METER BOXES.
- RECESS THE TOP OF VALVES AND METERS AT LEAST 2 INCHES BELOW THE EXISTING GRADE.
- PROJECT MUST ADHERE TO CURRENT VIRGINIA WORK AREA PROTECTION MANUAL AND A TRAFFIC CONTROL PLAN MUST BE APPROVED BY VDOT PRIOR TO ISSUANCE OF LAND USE PERMIT.
- ALL VDOT CROSSINGS (WATER MAIN AND SERVICE LATERALS) ARE TO BE BORED AND ENCASED ACCORDING TO CURRENT VDOT ROAD AND BRIDGE SPECIFICATIONS AND CURRENT VDOT ROAD AND BRIDGE STANDARDS. ALL METERS, FIRE HYDRANTS, AND VALVES ARE TO BE PLACED OFF OF VDOT SHOULDERS AND LOCATED TO THE BACK OF ROW OR LOCATED ON PRIVATE PROPERTY.
- WITHIN VDOT JURISDICTIONAL AREAS, WATERLINE IS TO BE INSTALLED BEYOND ALL VDOT CROSS PIPES. IF NOT POSSIBLE, EACH CONFLICT WILL BE REVIEWED ON A CASE BY CASE BASIS.
- THE CONTRACTOR WILL ADHERE TO CURRENT VDOT COMPACTION REQUIREMENTS.
- ALL APPURTENANCES LOCATED WITHIN THE VDOT ROW WILL FIELD MARKED FOR VDOT REVIEW PRIOR TO INSTALLATION AND WILL REQUIRE VDOT APPROVAL FOR CONSTRUCTION.
- NO OPEN CUTS OF VDOT ROADWAYS ARE PERMITTED ON PAVED SURFACE ROADWAYS WITHOUT DOCUMENTED PERMISSION FROM VDOT. IF APPROVED, OPEN-CUT INSTALLATIONS AND PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS SET FORTH IN THE VDOT LAND USE PERMIT OR AS DIRECTED BY VDOT REPRESENTATIVES.
- WYTHE COUNTY OR THE CONTRACTOR ARE RESPONSIBLE FOR OBTAINING EASEMENTS ON ROADS WITH VDOT 30' PRESCRIPTIVE EASEMENT.
- CONTRACTOR WILL COORDINATE RESTORATION OF SHOULDERS AND DITCHLINES ON ROADWAYS WITH VDOT. VDOT MAY REQUIRE STONE RESTORATION OF SHOULDER/DITCHLINE DEPENDANT UPON AREA DISTURBED AND PROXIMITY TO EDGE OF PAVEMENT.
- WATERLINE INSTALLATION ON VDOT UNPAVED ROADS WILL BE LOCATED WITHIN THE SHOULDER UNLESS DOCUMENTED PERMISSION IS GIVEN BY VDOT.
- WHEN WORKING IN THE VDOT RIGHT-OF-WAY, THE CONTRACT SHALL HAVE AT LEAST ONE PERSON ON-SITE THAT HAS SUCCESSFULLY COMPLETED THE VDOT EROSION & SEDIMENT CONTROL CONTRACTOR CERTIFICATION TRAINING.
- ALL WORK PERFORMED WITHIN VDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL.
- WHILE WORKING IN THE VDOT RIGHT-OF-WAY THE CONTRACTOR SHALL HAVE AT LEAST ONE PERSON ON-SITE THAT HOLDS THE VDOT BASIC WORK ZONE TRAFFIC CONTROL CERTIFICATION. A PERSON CERTIFIED IN INTERMEDIATE WORK ZONE TRAFFIC CONTROL MUST BE ON-SITE TO PROVIDE SUPERVISION DURING WORK ZONE INSTALLATION OR DURING WORK ZONE ADJUSTMENTS DUE TO FIELD CONDITIONS.



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**D01**