ADDENDUM NO. 1 August 8, 2019 222380

RE: TOWN OF PROCTOR, VERMONT CONTRACT 6 PIPING IMPROVEMENTS ON SOUTH PARK STREET AND CHATTERTON PARK

FROM: DuBOIS & KING, INC. P.O. Box 339 Randolph, Vermont 05060 (802) 728-3376

TO: **Prospective Bidders**

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents issued by the Town of Proctor, for the Proctor Contract 6 Piping Improvements project dated May 2019. Acknowledge receipt of this Addendum in the space provided on Page 1 of the Bid Form. Failure to do so will subject the Bidder to disqualification.

I. <u>Pre-Bid Meeting</u>

Not Applicable.

II. <u>Contract Documents (Plan) Changes</u>

ADDITION of Marble Valley Engineering, PC Contract 6: Piping Improvement of South Park Street and Chatterton Park plans dated February, 2013 are included in **Attachment 1**.

III. <u>Contract Documents (Specifications) Changes</u>

Not Applicable.

IV. **Questions and Answers**

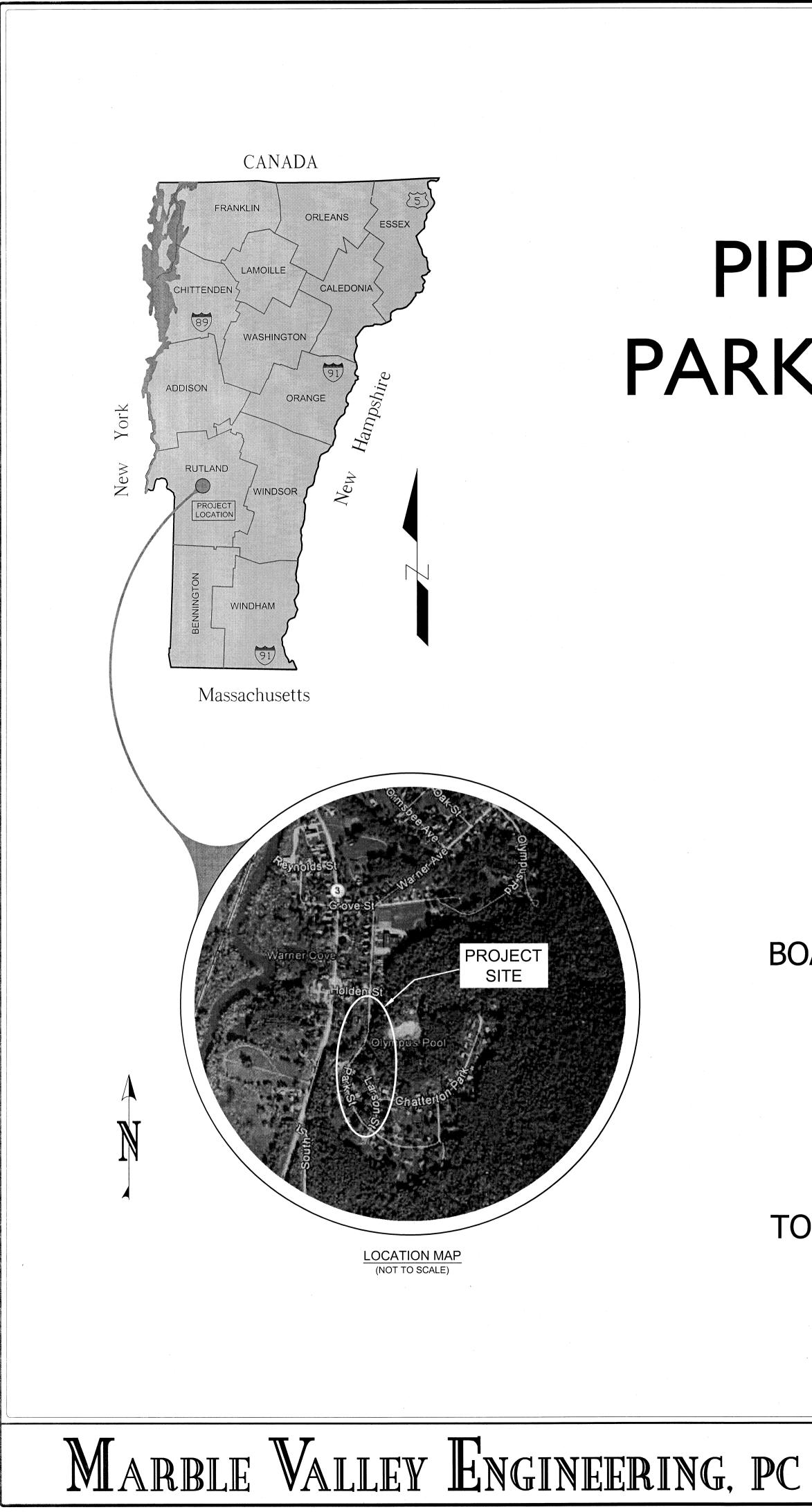
Not Applicable.

V. Additional Information/Clarifications

Not Applicable.

This document constitutes Addendum 1 for this project.

ATTACHMENT 1



CONTRACT 6: PIPING IMPROVEMENTS ON SOUTH PARK STREET AND CHATTERTON PARK FOR THE **TOWN OF PROCTOR** PROCTOR, VERMONT lown o RF3 - 289 FEBRUARY, 2013

BOARD OF SELECTMEN

Eric R. Anderson, Chair Bruce Baccei William Champine Vincent Gatti

Lloyd Hughes

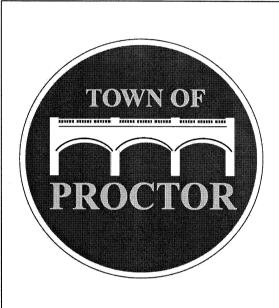
TOWN ADMINISTRATOR Stanley Wilbur, P.E.

CHIEF OPERATOR Todd Blow

CLERK / TREASURER Mary Dahlin

ASSISTANT CLERK / TREASURER Rhoda Grace

69 GROVE STREET FAX: (802) 774-1151 RUTLAND, VERMONI **PHONE: (802) 775-1181**



SHEET SCHEDULE

SHEET NO TITLE COVER G-01 LEGENDS AND NOTES PROJECT CORRIDOR PLAN PARK STREET WATER MAIN (STA 0+00 TO 6+00) - PLAN & PROFILE PARK STREET WATER MAIN (STA 6+00 TO 12+00) - PLAN & PROFILE PARK STREET WATER MAIN (STA 12+00 TO 17+64) - PLAN & PROFILE LARSON STREET WATER MAIN - LINE A (STA 20+00 TO 23+46) ARSON STREET WATER MAIN - LINE B (STA 30+00 TO 32+17) - PLANS & PROFILES. **EROSION PREVENTION & SEDIMENT CONTROL PLAN**

EROSION PREVENTION & SEDIMENT CONTROL DETAILS

- PIPING DETAILS
- MISCELLANEOUS DETAILS

WWW. MARBLEVALLEYENGINEERING.COM

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ABBREVIATIONS

ABS	- ACRYLONITRILE BUTADIENE STYRENE
AC	
ACCGMP	- ASPHALT COATED CORRUGATED GALVANIZED METAL PIPE
A.D.	- ALGEBRAIC DIFFERENCE
ALUM	- ALUMINUM
ANR	- AGENCY OF NATURAL RESOURCES - APPROXIMATE
APPROX ARMH	- AIR RELEASE MANHOLE
ASPH	- ASPHALT
@	- AT
AVE AWWA	- AVENUE - AMERICAN WATER WORKS ASSOCIATION
BF	- BUTTERFLY
BIT	- BITUMINOUS
BLDG	- BUILDING - BELOW LAND SURFACE
BLS BM	- BENCHMARK
BOC	- BOTTOM OF CURB
BOF	- BOTTOM OF FOOTING
BOS BOTT	- BOTTOM OF SLAB - BOTTOM
BP	- BEGINNING POINT
BVCE	- BEGINNING VERTICAL CURVE ELEVATION
BVCS	- BEGINNING VERTICAL CURVE STATION
CB CF	- CATCH BASIN - CUBIC FEET
CFS	- CUBIC FEET PER SECOND
CHK V	- CHECK VALVE
CI	- CAST IRON
φ Cl	
CL CL ₂	- CLASS - CHLORINE
CLSM	- CONTROLLED LOW STRENGTH MATERIAL
CM	- CONCRETE MARKER
CMP	- CORRUGATED METAL PIPE
C/O	
COMP	- COMPRESSION - CONCRETE
CONC CONN	- CONCRETE - CONNECT or CONNECTION
CONST	- CONSTRUCTION
CONT	- CONTINUOUS or CONTINUATION
CPP	- CORRUGATED PLASTIC PIPE
CRNR	
CS CTR	- CURB STOP - CONTRACTOR
CTS	- COPPER TUBE SIZE
X-ING CU	- CROSSING - COPPER
CULV	- CULVERT
D	
Δ det	- DELTA - DETAIL
DI	- DUCTILE IRON
DIA or Ø	
DICL DIM.	- DUCTILE IRON CEMENT LINED - DIMENSION
DISCH	- DISCHARGE
DIV	
DR E	- DRAIN or DRIVE - EAST
ECC	- ECCENTRIC
E.F.	- EACH FACE
EG	- EXISTING GROUND - ELECTRIC or ELECTRICAL
	- ELEVATION
ELL or ELB	- ELBOW
ENGR	- ENGINEER
ENT	
EP EPDM	- ENDING POINT - ETHYLENE PROPYLENE DIENE MONOMER
EP&SC	- EROSION PREVENTION & SEDIMENT CONTROL
ETC.	- ET CETERA
EVCE	- ENDING VERTICAL CURVE ELEVATION
EVCS	- ENDING VERTICAL CURVE STATION
E.W. EXIST	- EACH WAY - EXISTING
f'c	- CONCRETE COMPRESSIVE STRENGTH
FFEL	- FINISH FLOOR ELEVATION - FINISH GROUND
FG FLEX	- FLEXIBLE
FLG.	- FLANGED
FM FT	- FORCE MAIN - FOOT OR FEET
GAL.	- GALLONS
GMP GPM	- GALVANIZED METAL PIPE - GALLONS PER MINUTE
GPS	- GLOBAL POSITIONING SYSTEM
GRAV	- GRAVITY
GRND GRVL	- GROUND - GRAVEL
GSP	- GALVANIZED STEEL PIPE
GV	- GATE VALVE
H HC	- HORIZONTAL or HIGH - HANDICAPPED (PARKING)
HB	- HIGHWAY BOUNDS
HDPE	- HIGH DENSITY POLYETHYLENE
HEX HORIZ	- HEXAGON - HORIZONTAL
HP	- HIGHEST POINT
HSE HWL	- HOUSE - HIGH WATER LEVEL
HYD	- HYDRANT
ID I.F.	- INSIDE DIAMETER - INNER FACE
IN	- INCHES
INCR INFO	- INCREASER - INFORMATION
INFO	- INTERSECTION
INV IP	- INVERT - IRON PIPE or PIN
IP IPF	- IRON PIPE OF PIN - IRON PIN / PIPE FOUND
IPS	- IRON PIN / PIPE SET
ISO	- ISOLATION

<	- RATE OF CURVATURE - LONG or LENGTH
- _AT _F	- LATERAL - LINEAR FEET
	- LOCATION - LIMITS OF DISTURBANCE
_P	- LIGHT POLE or LOWEST POINT - LONG RADIUS
_R _WL	- LOW WATER LEVEL
MAT'L MAX	- MATERIAL - MAXIMUM
MECH MFR	- MECHANICAL - MANUFACTURER
MH MIN	- MANHOLE - MINIMUM
MJ MM	- MECHANICAL JOINT - MARBLE MONUMENT
	- NORTH - NORMALLY CLOSED
N/F NIC	- NOW OR FORMERLY - NOT IN CONTRACT
NICPO NLTD	- NOT IN CONTRACT PER OWNER - NO LEDGE TO DEPTH
NO NO.	- NORMALLY OPEN - NUMBER
NPT NRCS	- NATIONAL PIPE THREAD - NATURAL RESOURCES CONSERVATION
NST	SERVICE - NATIONAL STANDARD THREAD
NTS	- NOT TO SCALE - NO WATER (NOT SERVICED BY
NWTD	EXISTING WATER SYSTEM) - NO WATER TO DEPTH
OC OCE/W	- ON CENTER
0D 0.F.	- OUTSIDE DIAMETER - OUTER FACE
OPP	- OPPOSITE - OCCUPATIONAL SAFETY
	& HEALTH ADMINISTRATION
PC PCC	- POINT OF CURVATURE - POINT OF COMPOUND CURVATURE
PE PERF.	- POLYETHYLENE or PLAIN END - PERFORATED
PI PL	- POINT OF INTERSECTION - PROPERTY LINE
PP	- POWER POLE - PARTS PER MILLION
	- PRESSURE - PROPOSED
PS	- PUMP STATION
PSF PSI	- POUNDS PER SQUARE FOOT - POUNDS PER SQUARE INCH
	- POINT OF TANGENCY - POLYVINYL CHLORIDE
PVI	- POINT OF VERTICAL INTERSECTION - PAVEMENT
R	- RAVEMENT - RADIUS - REINFORCED CONCRETE PIPE
RD	- ROAD
	- REDUCER - REINFORCING or REINFORCED
	- REQUIRED - RESTRAINED
RET RMF	- RETAINER or RETAINING - REDOXIMORPHIC FEATURES
RMJ	(FORMERLY MOTTLES) - RESTRAINED MECHANICAL JOINT
RT RTE	- RIGHT - ROUTE
ROW	- RIGHT-OF-WAY - RAILROAD
S	- SOUTH
	- SANITARY SEWER - SCHEDULE
SD SDR	- STORM DRAIN - STANDARD DIAMETER RATIO
SEP SHT	- SEPARATION - SHEET
SHWL SIP	- SEASONAL HIGH GROUNDWATER LEVEL - SPIKE IN POLE
SIR SO	- SPIKE IN ROOT - SHUT-OFF
SPEC SQ	
SS ST	- STAINLESS STEEL - STREET
	- STATION - SUCTION
SW	- SIDEWALK
ТВ ТВМ	- THRUST BLOCK - TEMPORARY BENCH MARK
	- TOTAL DYNAMIC HEAD - TELEPHONE
ТНК ТОС	- THICK - TOP OF CURB
TOF	- TOP OF FOOTING - TOP OF SLAB
TP	- TEST PIT - TYPICAL
	- UNDERGROUND
UON USGS	- UNLESS OTHERWISE NOTED - UNITED STATES GEOLOGICAL SURVEY
V VAOT	- VALVE or VERTICAL - VERMONT AGENCY OF TRANSPORTATION
	(VTRANS)
	- VITRIFIED CLAY or VERTICAL CURVE - VERTICAL
VOL V.S.A.	- VOLUME - VERMONT STATUTES ANNOTATED
VSWI W	- VERMONT SIGNIFICANT WETLAND INVENTORY - WATER or WEST or WIDE
W /	- WITH
WL	- WATER LEVEL

CONTINUATION OF PROPERTY LIN IRON PIN/ PIPE (EXISTING) MARBLE MONUMENT / HB UNMONUMENTED POINT ELEVATION BENCHMARK TEST PIT BORING SOIL BORING LEDGE PROBE CURB STOP/ WATER SHUTOFF (E) CURB STOP/ WATER SHUTOFF (PI GATE VALVE (EXISTING) GATE VALVE (NOT LOCATED) GATE VALVE (PROPOSED) CHECK VALVE (PROPOSED) CAP (EXISTING) CAP (PROPOSED) REDUCER SOLID SLEEVE (PROPOSED) THRUST BLOCK FIRE/ FLUSHING HYDRANT (EXIS FIRE/ FLUSHING HYDRANT (PROF STABILIZED CONSTRUCTION ENTRANCE DUST CONTROL STONE OUTLET SEDIMENT TRAP

CONTINUATION OF STREET LINE

CHECK DAM WATER BAR ROLLED EROSION CONTROL PRODUCT TEMPORARY / PERMANENT SEEDING TOPSOILING **RIPRAP SLOPE PROTECTION RIPRAP OUTLET PROTECTION / STONE APRON** CURB DROP INLET PROTECTION EXCAVATED DROP INLET PROTECTION FILTER FABRIC DROP INLET PROTECTION STONE & BLOCK DROP INLET PROTECTION MULCHING BRUSH / SLASH CORDUROY STABILIZATION PROTECTING VEGETATION SILT FENCE CONSTRUCTION FENCE BARRIER TAPE FLAGGING TAPE

MARBLE WALLEY ENGINEERING, PC 69 GROVE STREET RUTLAND, VERMONT PHONE: (802) 775-1181 FAX: (802) 774-1151 WWW.MarbleValleyEngineering.com

WSO

WPWF

WWM

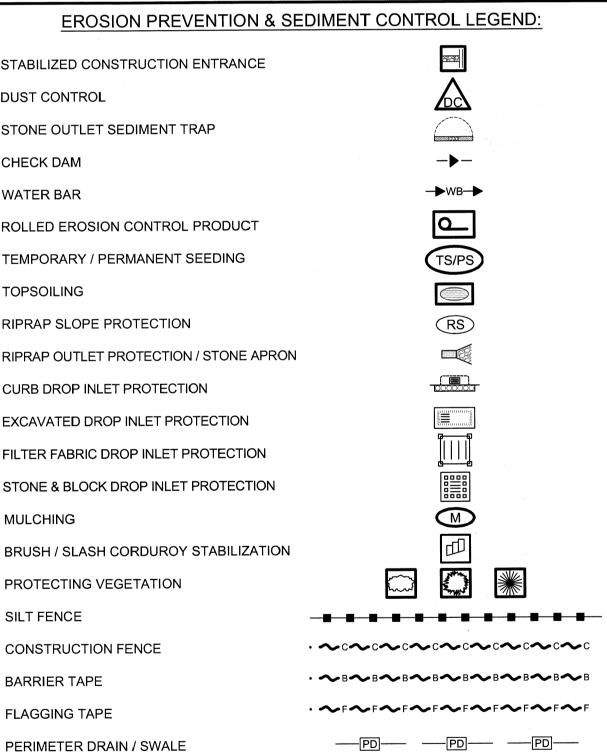
- WATER SHUT-OFF

- WOVEN WIRE MESH

- WELDED PLAIN WIRE FABRIC

LEGEND:

		La L	OLIND.	-
	SL	CATCH BASIN (SQUARE, FL/	AT TOP)	
INE	<u></u>	CATCH BASIN (ROUND, FLA	T TOP)	8
	•	CATCH BASIN (ROUND, BEE	HIVE TOP)	*
		SANITARY SEWER MANHOL	E .	0
	Δ	OBSERVATION WELL		
	•	TELEPHONE MANHOLE	1	\bigcirc
	TP-1 ₽	GUY WIRE (EXISTING)		(
	Φ	GUY WIRE (PROPOSED)		(
	SB-1	UTILITY PEDESTAL		U
	LP-1 ⊕	UTILITY/ POWER POLE (EXIS	STING)	: -O-
EXISTING)	\otimes	UTILITY/ POWER POLE (PRO	POSED)	÷©÷
PROPOSED)		LIGHT POLE (EXISTING)		¤
	GV ⋈	SIGN		-0-
	G∨ [×1]	CONCRETE FILLED BOLLAR	RD	•
	GV	WOOD POST (ROUND)		0
	N	WOOD POST (SQUARE)		
	C	METAL VENT STACK		♦
	C	SHRUB		5
	\triangleright	WETLAND	1 1 1	¥
		RIPRAP		
	► ТВ	DECIDUOUS TREE		Boers
TING)	V	CONIFEROUS TREE		North Stand
POSED)	*	UNKNOWN TREE TYPE		貒



WATER LINE (EXISTING)	
WATER LINE (NEW)	
WATER LINE (IN)	W _{IN}
WATER LINE (OUT)	Wout
OVERFLOW LINE (NEW)	OF
DRAIN LINE (NEW)	– D _N –
SANITARY SEWER (EXISTING)	S _E
WATER SERVICE EXISTING	
WATER SERVICE NEW (COPPER)	
WATER SERVICE NEW (HDPE)	
OVERHEAD ELECTRIC (EXISTING)	OHE _E
OVERHEAD ELECTRIC (NEW)	OHE _N
UNDERGROUND ELEC (EXISTING)	UE _E
UNDERGROUND ELEC (NEW)	UE _N
PROPERTY LINE	
ROW LINE	
CHAIN LINK FENCE	-oooooooo
WOODEN FENCE	O
PAGE WIRE FENCE	
GUARD RAIL	<u> </u>
GEOTEXTILE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
TREE LINE	
WETLAND BOUNDARY	
MAJOR CONTOUR (EXISTING)	ensurantees ensur
MINOR CONTOUR (EXISTING)	<u> </u>
MAJOR CONTOUR (NEW)	465
MINOR CONTOUR (NEW)	461
NRCS BOUNDARY	
SWALE	$ \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow$
EASEMENT	
GRAVEL SURFACE	
PAVEMENT SURFACE	

GENERAL EROSION CONTROL NOTES:

- 1. THE "ON-SITE EROSION CONTROL PLAN COORDINATOR" SHALL BE PROVIDED BY THE CONTRACTOR. THIS INDIVIDUAL SHALL BE PRESENT ON-SITE FROM DAY-TO-DAY, AND SHALL BE RESPONSIBLE FOR ENSURING THAT THE EROSION CONTROL MEASURES REQUIRED BY THE EROSION CONTROL PLAN, DETAILS AND NOTES ARE PROPERLY INSTALLED AND MAINTAINED. THE ONSITE EROSION CONTROL PLAN COORDINATOR SHALL KEEP A WRITTEN RECORD OF INSPECTIONS AND MAINTENANCE OF EROSION CONTROL FEATURES. A COPY OF THESE PLANS AND INSPECTION/ MAINTENANCE RECORDS SHALL BE KEPT ONSITE AT ALL TIMES.
- 2. EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH "THE VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL" AND THE PROJECT SPECIFICATIONS.
- 3. THESE SPECIFICATIONS ARE INTENDED TO ENSURE THAT CONSTRUCTION IS ACHIEVED WITH A MINIMUM OF DISTURBANCE TO THE ENVIRONMENT. THESE ARE GENERAL GUIDELINES AND SHOULD ANY PROTECTIVE MEASURES PROVE DEFICIENT, THEN THE IMMEDIATE PROVISION OF ADDITIONAL MATERIALS OR THE EMPLOYMENT OF DIFFERENT TECHNIQUES SHALL BE APPLIED TO CORRECT THE SITUATION AND PREVENT SUBSEQUENT EROSION.
- 4. THE PROJECT IS LIMITED TO A MAXIMUM NUMBER OF CONSECUTIVE DAYS OF DISTURBED EARTH EXPOSURE IN ANY LOCATION BEFORE TEMPORARY OR FINAL STABILIZATION IS IMPLEMENTED. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF THE WORK DAY. THE FOLLOWING EXEMPTIONS APPLY:
 - a) STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
 - b) STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION, UTILITY TRENCHES).
- 5. THE PROJECT IS LIMITED TO 2 ACRES OR LESS OF DISTURBED EARTH AT ANY ONE TIME.
- 6. AN INDIVIDUAL STORMWATER PERMIT AND AN ARMY CORPS OF ENGINEERS PERMIT, AMONG OTHERS, APPLY TO THE PROJECT. THE CONTRACTOR MUST CONFORM TO THE REQUIREMENTS OF ALL PERMITS AND THE TECHNICAL STANDARDS THEY REFERENCE.
- 7. EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFORM WITH ANY PERMIT (IE: INDIVIDUAL STORMWATER CONSTRUCTION PERMIT) AND TO USE ADDITIONAL BARRIERS / METHODS AS CIRCUMSTANCES DICTATE.
- 8. IN ADVANCE OF A PREDICTED RAINFALL OR SNOWMELT EVENT, ALL MANAGEMENT PRACTICES APPROPRIATE TO CURRENT AREAS OF DISTURBANCE MUST BE CHECKED AND REPAIRED AS NECESSARY TO ENSURE PROPER OPERATING CONDITIONS. IF NECESSARY TO PREVENT SEDIMENT DISCHARGE FROM THE CONSTRUCTION SITE TO THE WATERS OF THE STATE, THIS WILL INCLUDE THE TEMPORARY STABILIZATION OF ALL DISTURBED SOILS ON THE SITE IN ADVANCE OF THE ANTICIPATED RUNOFF PERIOD.
- 9. NOTHING IN THE STORMWATER CONSTRUCTION PERMIT, ETC. SHALL BE CONSTRUED AS HAVING RELIEVED, MODIFIED, OR IN ANY MANNER AFFECTED THE CONTRACTOR'S ONGOING OBLIGATION TO COMPLY WITH OTHER FEDERAL, STATE OR LOCAL STATUTES, REGULATIONS OR DIRECTIVES APPLICABLE TO THE PROJECT, NOR DOES IT RELIEVE THE CONTRACTOR'S OBLIGATION TO OBTAIN ALL NECESSARY FEDERAL, STATE AND LOCAL PERMITS. SEDIMENTS AND POLLUTANTS COLLECTED AND REMOVED IN THE COURSE OF TREATMENT OF STORMWATER RUNOFF SHALL BE DISPOSED IN A MANNER THAT WILL NOT RESULT IN THE SEDIMENTS AND POLLUTANTS ENTERING WATERS OF THE STATE. COPIES OF THE EPSC PLAN, AND ALL RECORDS UNDER THE STORMWATER CONSTRUCTION PERMIT SHALL BE RETAINED FOR AT LEAST 3 YEARS FROM THE DATE PERMIT COVERAGE EXPIRES OR IS TERMINATED. THIS PERIOD MAY BE EXTENDED BY THE REQUEST OF THE AGENCY SECRETARY AT ANY TIME.

69 GROVE STREET RUTLAND, VERMONT

CONTRACT 6: PIPING IMPROVEMENTS ON SOUTH PA STREET AND CHATTERTON PARK LEGENDS AND NOTES

GENERAL NOTES:

- 1. A BOUND SET OF CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS ACCOMPANY THESE PLANS AND ARE NECESSARY FOR ACCEPTABLE CONSTRUCTION OF THE PROJECT.
- 2. ALL RIGHT-OF-WAY AND PROPERTY LINE INFORMATION WAS ASSIMILATED THROUGH A COMPILATION OF VARIOUS SOURCES INCLUDING BUT NOT LIMITED TO THE TOWN OF PROCTOR, VERMONT TAX MAPPING RECORDS (DIGITAL FORMAT), INDIVIDUAL PROPRIETARY PROPERTY SURVEYS AND FIELD SURVEY DATA. INFORMATION SHOWN IS FOR GENERAL LOCATION PURPOSES ONLY. MARBLE VALLEY ENGINEERING, PC WILL NOT BE HELD LIABLE FOR ANY ERRORS AND OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT OF INFORMATION PROVIDED FROM OTHER SOURCES.
- THE CONTRACTOR IS REQUIRED TO LOCATE AND MARK ALL EXISTING UTILITIES WITHIN, AND IF NECESSARY, BEYOND THE PROJECT LIMITS INCLUDING EXISTING WATER MAINS, SANITARY SEWERS, STORM SEWERS, CULVERTS, CURB STOPS, PROPERTY MARKERS, ETC.
- 4. ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. CONTRACTOR TO FIELD LOCATE & FLAG EXISTING UTILITIES USING A PIPE LOCATOR OR AS REQUIRED, PRIOR TO CONSTRUCTION. IF CONTRACTOR DOES NOT HAVE NECESSARY EQUIPMENT, OR AN EXPERIENCED OPERATOR, THEN CONTRACTOR SHALL HIRE SUCH SERVICES, TO BE INCLUDED IN THE BID. CONSTRUCTION SHALL NOT PROCEED IN ANY AREA WHERE EXISTING MAINS/ SERVICES/ UTILITIES HAVE NOT BEEN LOCATED TO THE CONTRACTOR'S BEST ABILITY TO DO SO.
- 5. AT LEAST SEVEN (7) DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE TOWN OF PROCTOR TO ALLOW PREPARATION OF ANY FIRE PROTECTION MEASURES AND PREPARATIONS FOR AN ISSUANCE OF A BOIL WATER NOTICE.
- 6. CONTRACTOR SHALL NOT DISRUPT WATER SERVICE OR TRAFFIC FLOW WITHOUT A 48-HOUR NOTICE TO ALL AFFECTED PARTIES INCLUDING BUT NOT LIMITED TO THE TOWN FIRE DEPARTMENT AND THE TOWN WATER DEPARTMENT.
- 7. CONTRACTOR SHALL MAINTAIN AND PROTECT SITE IN ACCORDANCE WITH ANY PERMIT(S) ISSUED. CONTRACTOR SHALL MAINTAIN AT LEAST ONE-WAY TRAFFIC ON TOWN ROADS AT ALL TIMES. ADEQUATE TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AT ALL TIMES
- 8. EXISTING PIPING TO BE ABANDONED IN PLACE, AT MINIMUM, SHALL BE CAPPED OR GROUTED ON BOTH ENDS TO PREVENT PIPE FROM ACTING AS A CONDUIT FOR GROUNDWATER AND AS SHOWN ON THE PLANS.
- ALL TREE ROOTS ENCOUNTERED SHALL BE CLEANLY CUT AT EXCAVATION LIMIT.
- 10. FOLLOWING COMPLETION OF PIPING WORK, ALL EXISTING WATER MAIN SECTIONS TO BE CUT, CAPPED AND ABANDONED SHALL HAVE ASSOCIATED VALVES CLOSED AND THE VALVE BOXES REMOVED.
- 11. WHEN MAKING CONNECTIONS BETWEEN DIFFERENT PIPING MATERIALS, CONTRACTOR IS TO ISOLATE DISSIMILAR METALS AND DISINFECT ALL COMPONENTS.
- 12. SHOULD ANY LEAD GOOSENECKS OR LEADED FITTINGS BE ENCOUNTERED, THE OWNER IS TO BE NOTIFIED AND THE FITTINGS OR GOOSENECKS REPLACED WITH MATERIAL CONFORMING TO VERMONT'S NO LEAD STATUTE.
- 13. ALL PRODUCTS USED ON THE PROJECT SHALL CONFORM WITH VERMONT'S NO LEAD STATUTE WITH CERTIFICATIONS PROVIDED.
- 14. THE GENERAL CONDITIONS OF THE VERMONT GENERAL PERMIT ISSUED BY THE U.S. ARMY CORPS OF ENGINEERS APPLY TO THIS PROJECT.

WINTER EROSION CONTROL NOTES:

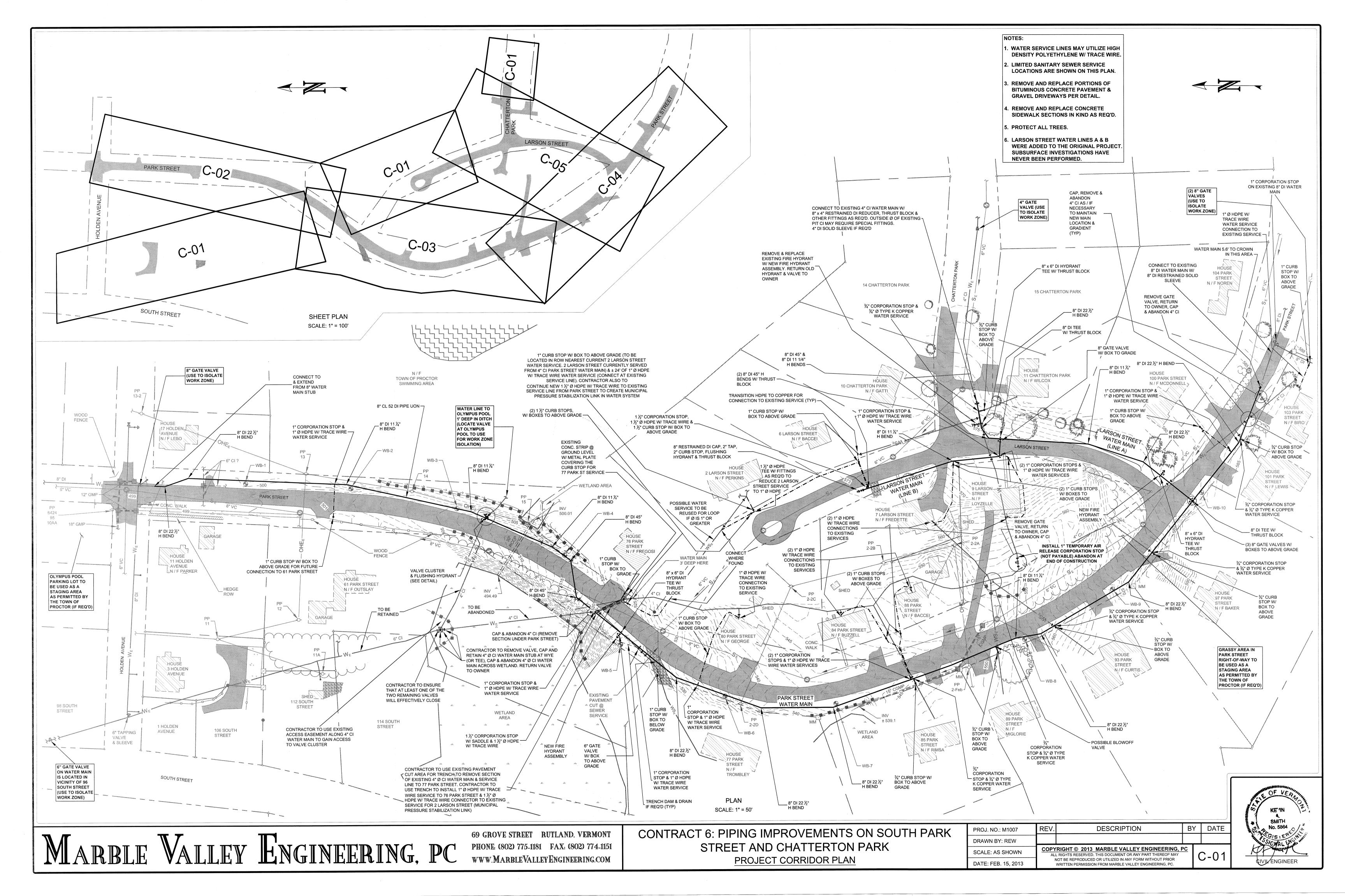
- FOR AREAS THAT ARE TO BE PERMANENTLY STABILIZED BEFORE THE BEGINNING OF THE WINTER PERIOD (OCTOBER 15). SEEDING SHALL BE COMPLETED BEFORE SEPTEMBER 15 TO ENSURE ADEQUATE GROWTH AND COVER. IF SEEDING CANNOT BE COMPLETED BY SEPTEMBER 15, ADDITIONAL NON-VEGETATIVE PROTECTION MUST BE USED.
- 2. DURING WINTER CONSTRUCTION KEEP DRAINAGE STRUCTURES OPEN AND FREE OF SNOW AND ICE DAMS.
- 3. INSTALL SILT FENCE AND OTHER EROSION CONTROL PRACTICES THAT REQUIRE EARTH DISTURBANCES PRIOR TO GROUND FREEZING.
- 4. DURING WINTER CONSTRUCTION MAINTAIN MINIMUM 25 FOOT BUFFER FROM ANY PERIMETER CONTROL, EXCEPT AS OTHERWISE ALLOWED BY THE ENGINEER.
- 5. DURING WINTER CONSTRUCTION USE STONE AND GEOTEXTILE TO STABILIZE WHERE VEHICLE TRAFFIC IS ANTICIPATED. STONE PATHS SHOULD BE 10-20 FEET WIDE TO ACCOMMODATE VEHICULAR TRAFFIC.
- 6. DURING WINTER CONSTRUCTION APPLY MULCH FOR TEMPORARY STABILIZATION PER SPECIFICATIONS.
- 7. PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED.
- 8. DURING WINTER CONSTRUCTION, STABILIZATION MUST BE COMPLETED AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:
 - (1.) DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS BUILDING FOUNDATIONS OR OPEN UTILITY TRENCHES.
 - (2.) IF NO PRECIPITATION WITHIN 24 HOURS IS FORECAST AND WORK WILL RESUME IN THE SAME DISTURBED AREA WITHIN 24 HOURS, DAILY STABILIZATION IS NOT REQUIRED.

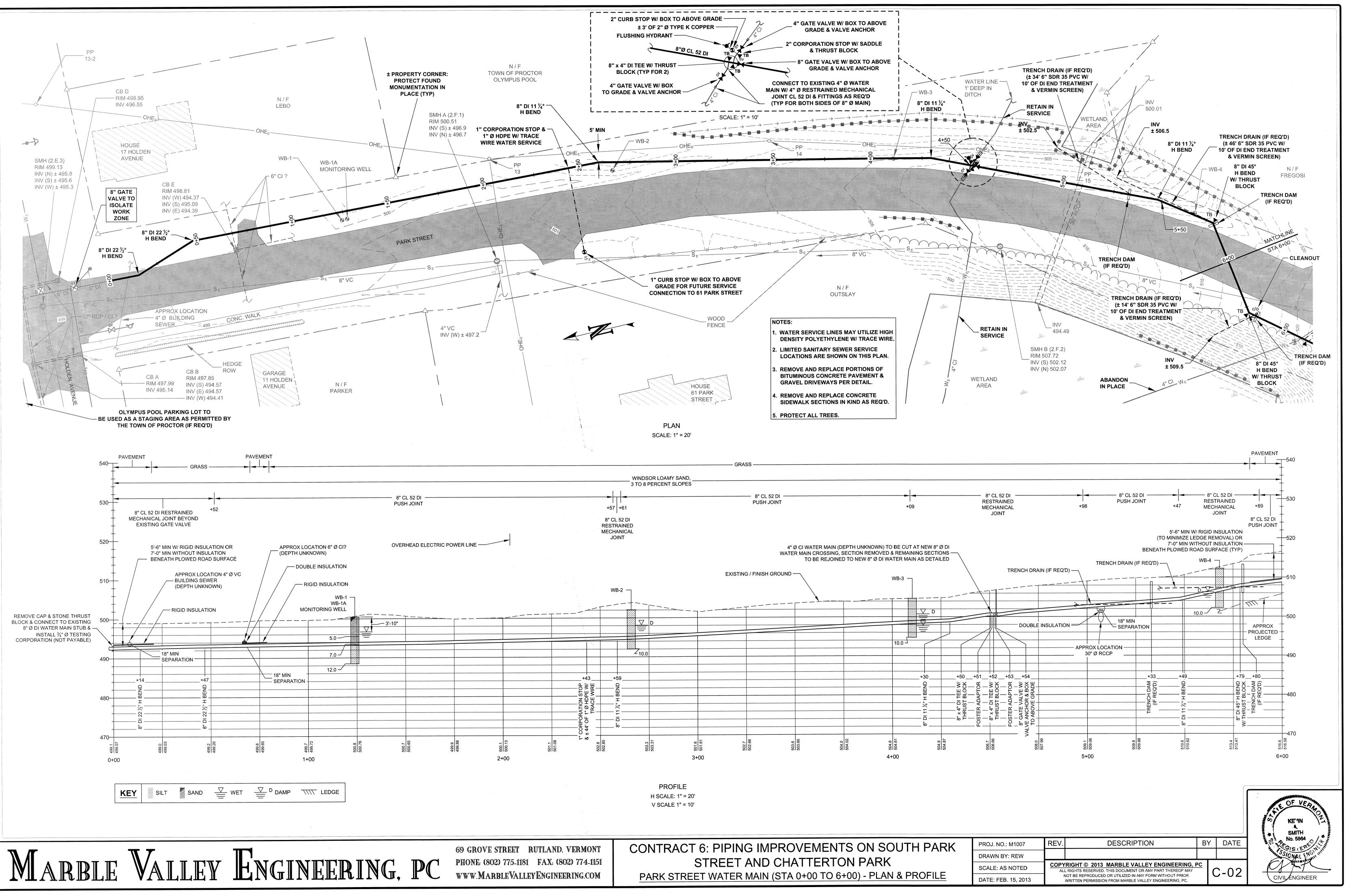
SURVEY / BOUNDARY NOTES:

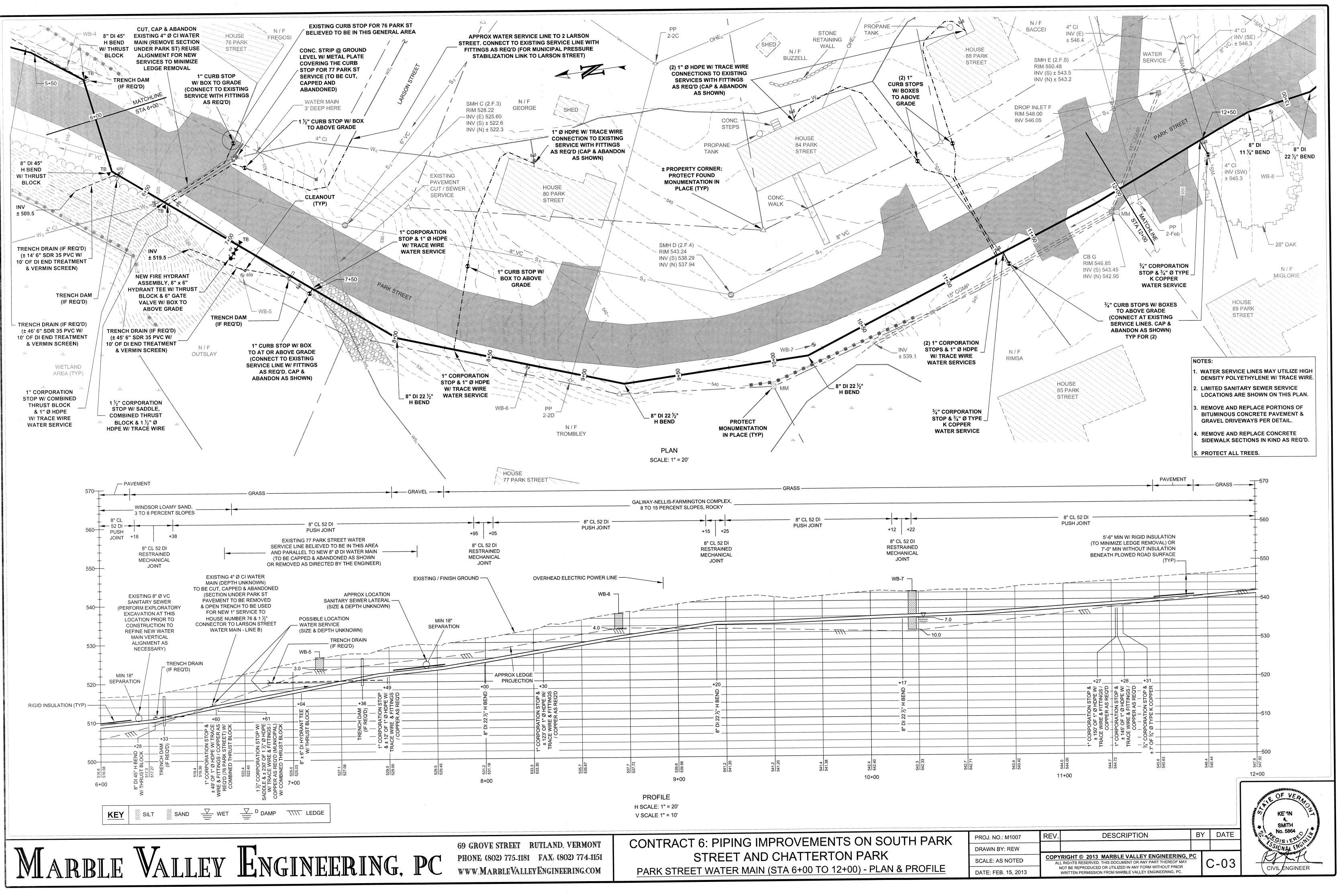
- 1. THE PROPERTY LINES, EASEMENTS, AND OTHER REAL PROPERTY DESCRIPTIONS PROVIDED IN THIS PERMIT APPLICATION ARE FOR THE USE OF THE ANR ONLY. THEY DO NOT DEFINE LEGAL RIGHTS OR MEET LEGAL REQUIREMENTS FOR A LAND SURVEY AS DESCRIBED IN 26 V.S.A. § 2502 (4), AND SHALL NOT BE USED IN LIEU OF A SURVEY AS THE BASIS OF ANY LAND TRANSFER OR ESTABLISHMENT OF ANY PROPERTY RIGHT.
- 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT ALL BOUNDARY MONUMENTATION. IF DAMAGED OR DESTROYED, BOUNDARY MARKERS SHALL BE RESET BY A VERMONT STATE REGISTERED LAND SURVEYOR.
- 3. PLANS ARE BASED ON PROJECT SPECIFIC TOPOGRAPHIC AND BOUNDARY SURVEYS PERFORMED BY SVE ASSOCIATES 2008-2010, TOPOGRAPHIC AND BOUNDARY SURVEYS PERFORMED BY VSC 2010-2012, AS WELL AS A PLAN SET ENTITLED "SEWER AND WATER SYSTEM MAPPING FOR TOWN OF PROCTOR, PROCTOR, VERMONT" BY WRIGHT ENGINEERING, LTD. CONSULTING ENGINEERS RUTLAND, VERMONT, 2000.
- 4. ALL NORTH ARROWS IN THIS PLAN SET REFERENCE GRID NORTH.

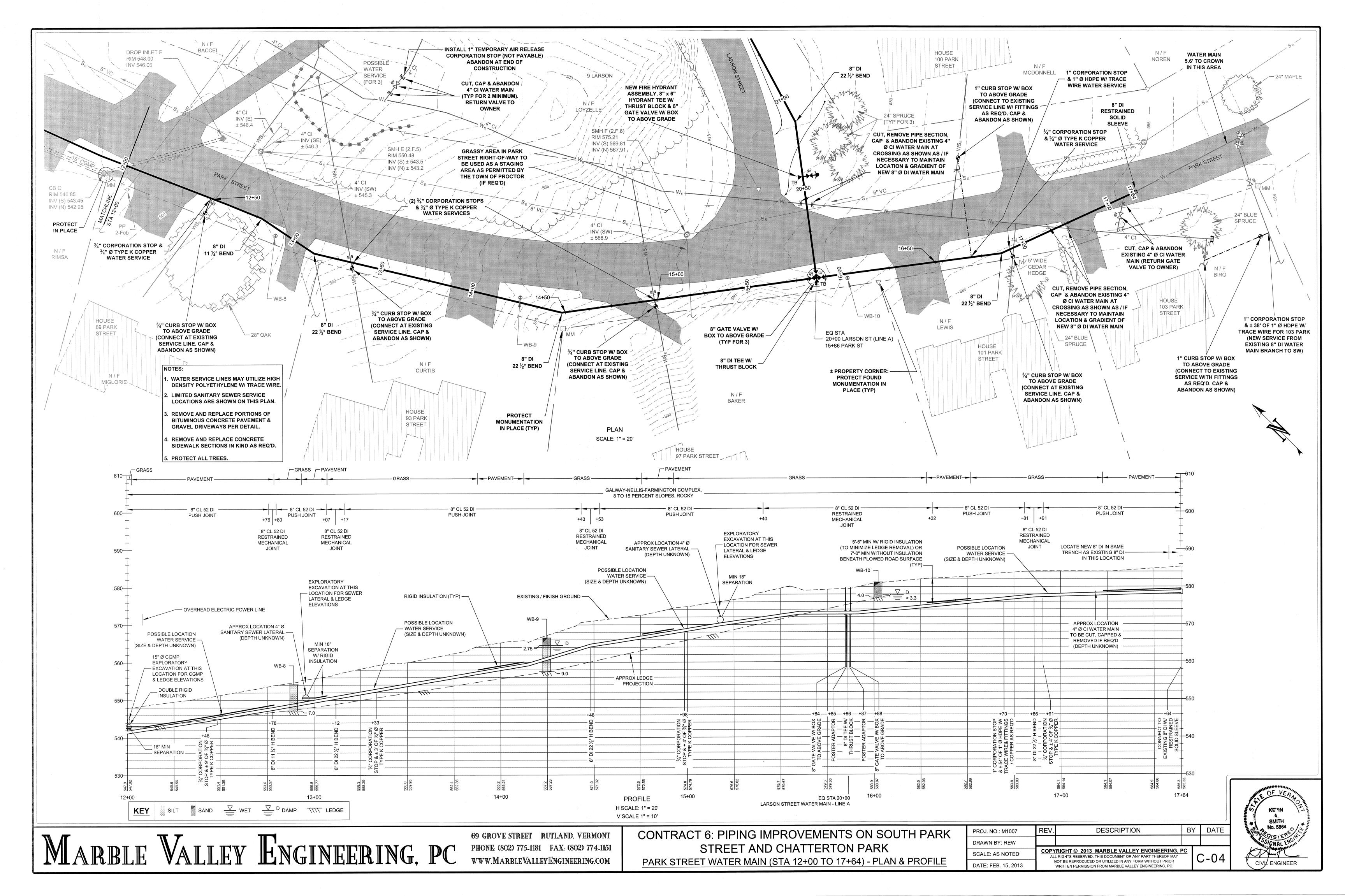
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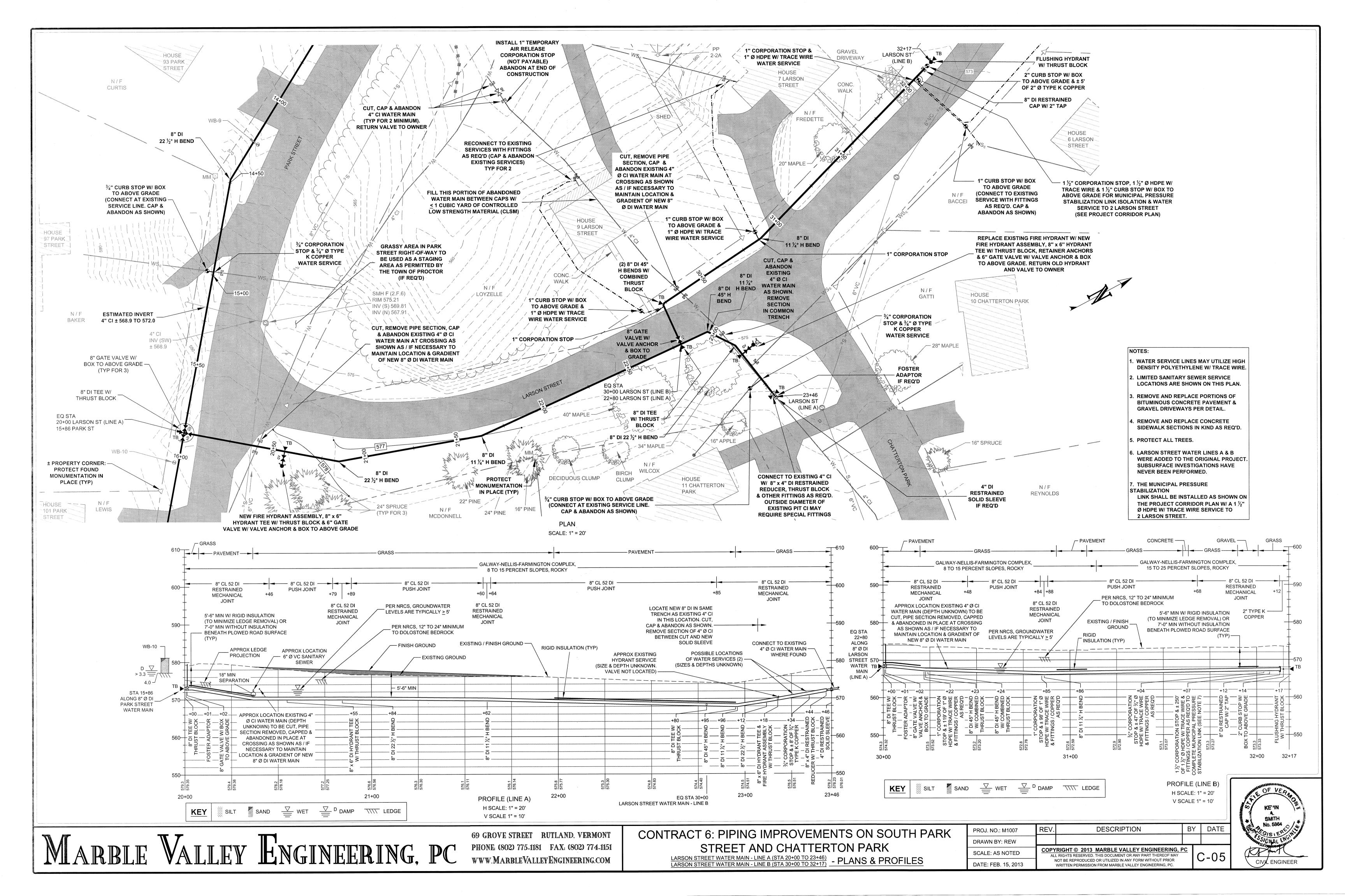
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	DATE: FEB. 15, 2013		IOT BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN PERMISSION FROM MARBLE VALLEY ENGINEERING, PC.		G-02

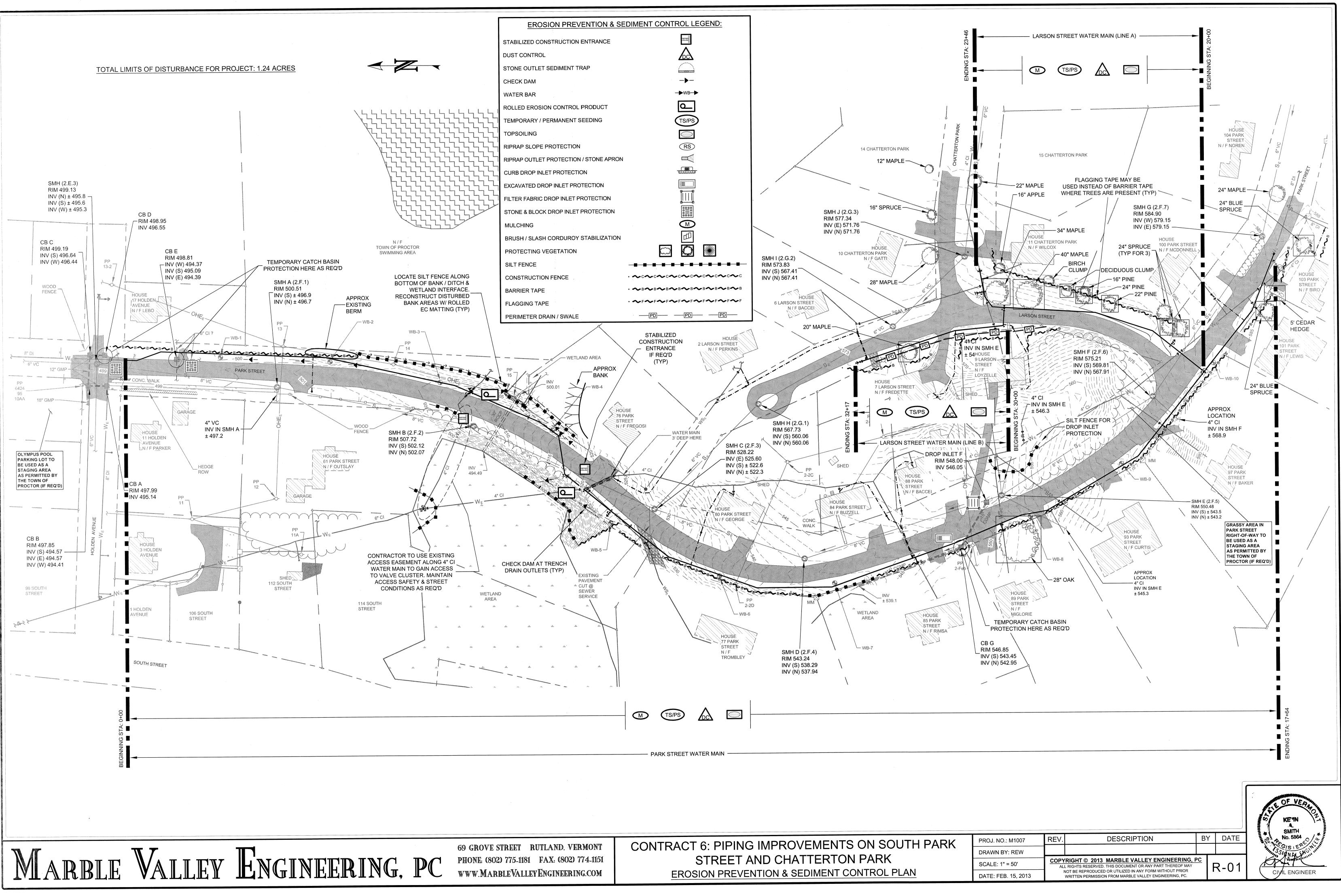


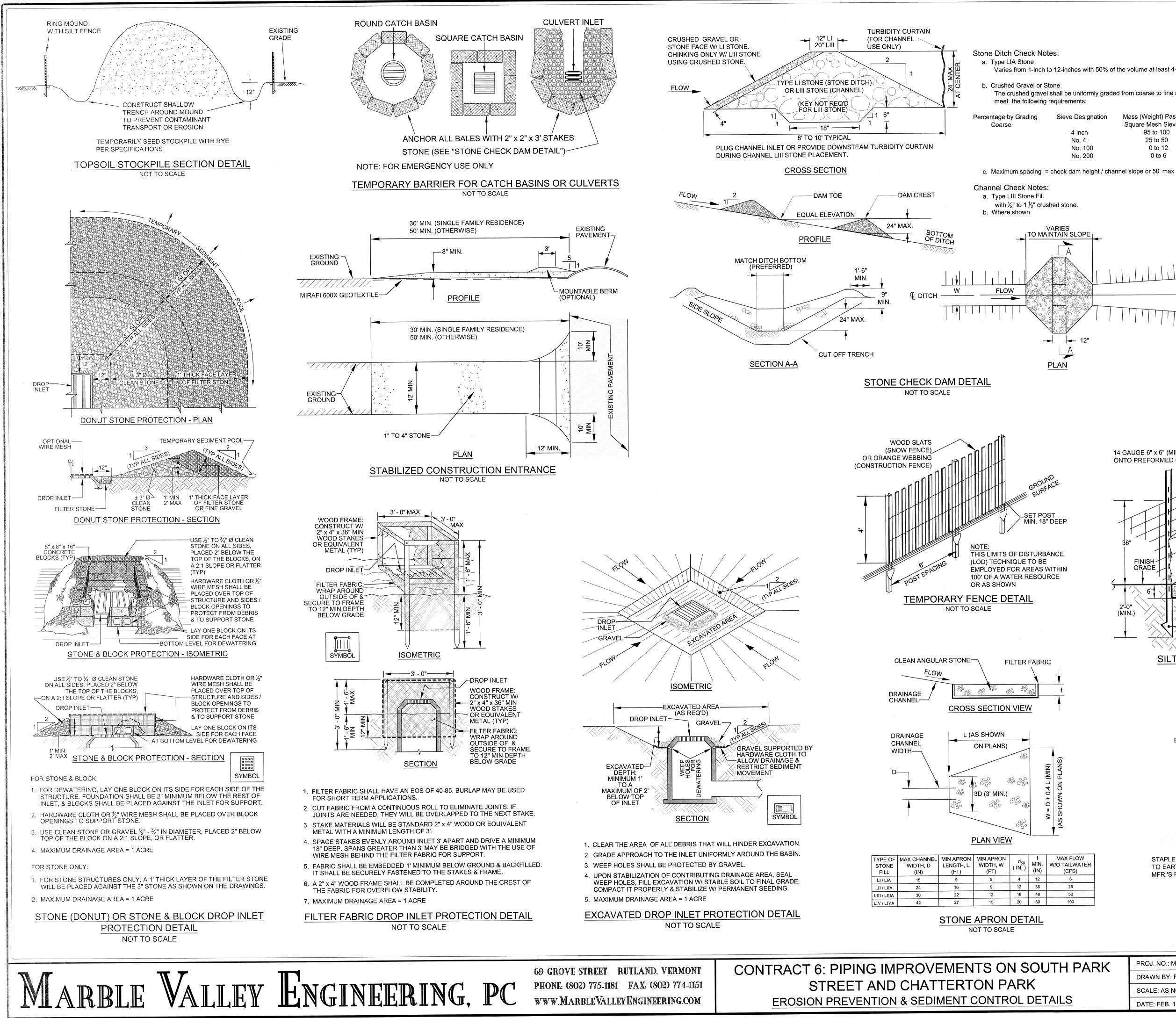




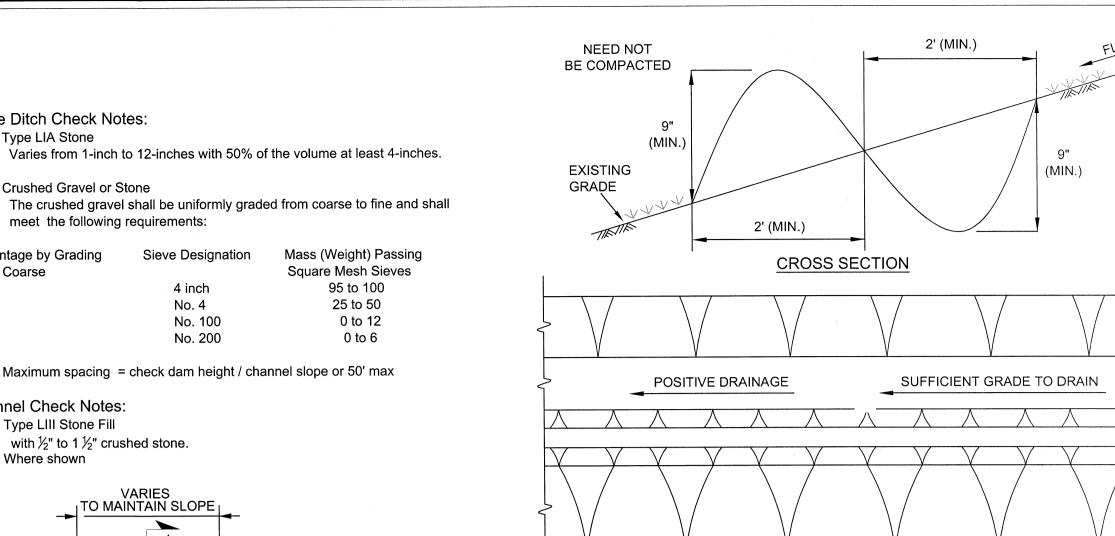


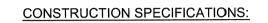






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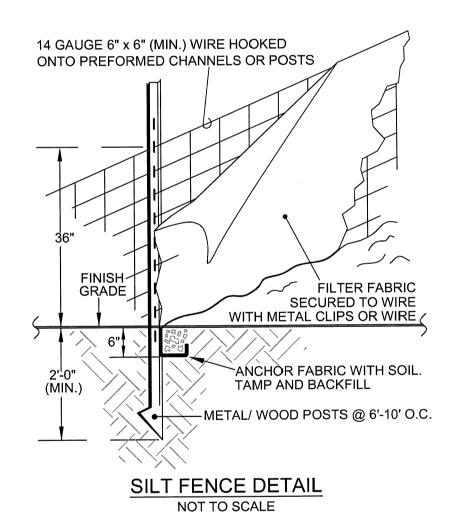


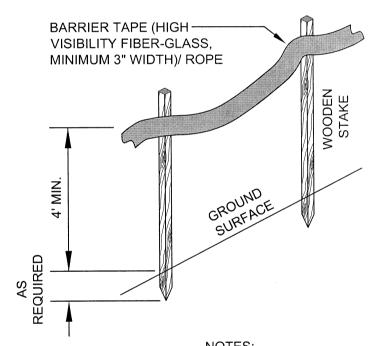
- 1. ANY PERIMETER DIKE/ SWALE SHALL HAVE AN UNINTERRUPTED POSITIVE GRADE TO AN OUTLET. 2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- 3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT A

<u>PLAN</u>

- NON-EROSIVE VELOCITY. 4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION &
- SEDIMENT CONTROL (STANDARD). 5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 7 DAYS. 6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT AND AS
- REQUIRED BY PERMIT
- LOCATION 1. FOR USE AS A SEDIMENT BARRIER
- 2. USE IN LOCATIONS WHERE/ IF SHOWN, AS DIRECTED BY THE ENGINEER OR AS REQUIRED 3. MAXIMUM DRAINAGE AREA LIMIT: 2 ACRES

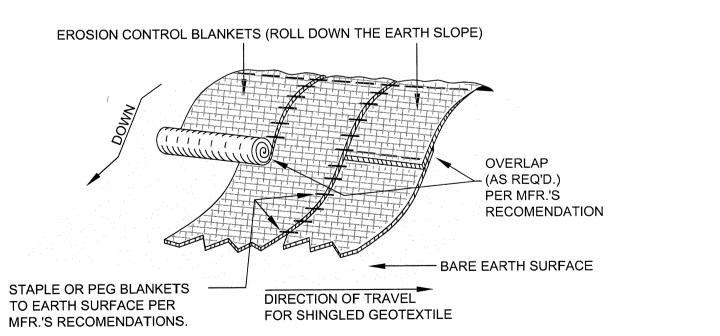
PERIMETER DIKE/ SWALE DETAIL NOT TO SCALE



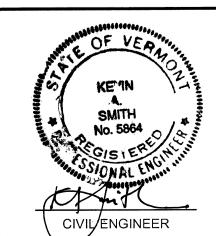


1. THIS LIMITS OF DISTURBANCE (LOD) TECHNIQUE TO BE EMPLOYED FOR AREAS MORE THAN 100' FROM A WATER RESOURCE OR AS SHOWN.

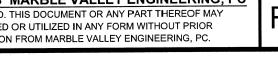
- 2. FLAGGING RIBBON MAY BE USED WHERE PROPOSED DISTURBANCE BORDERS ESTABLISHED WOODED AREAS. BARRIER TAPE/ ROPE DETAIL
- NOT TO SCALE

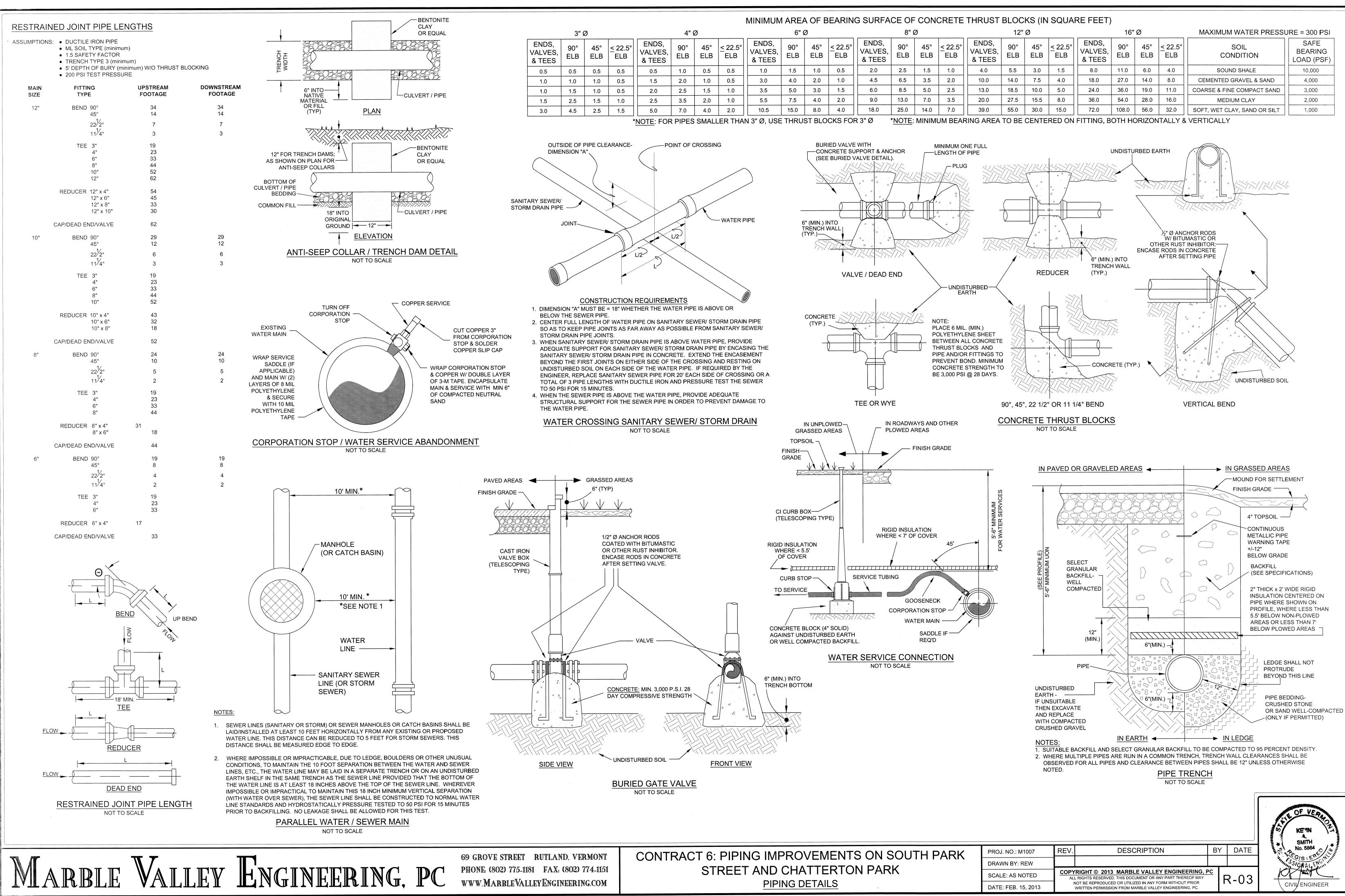




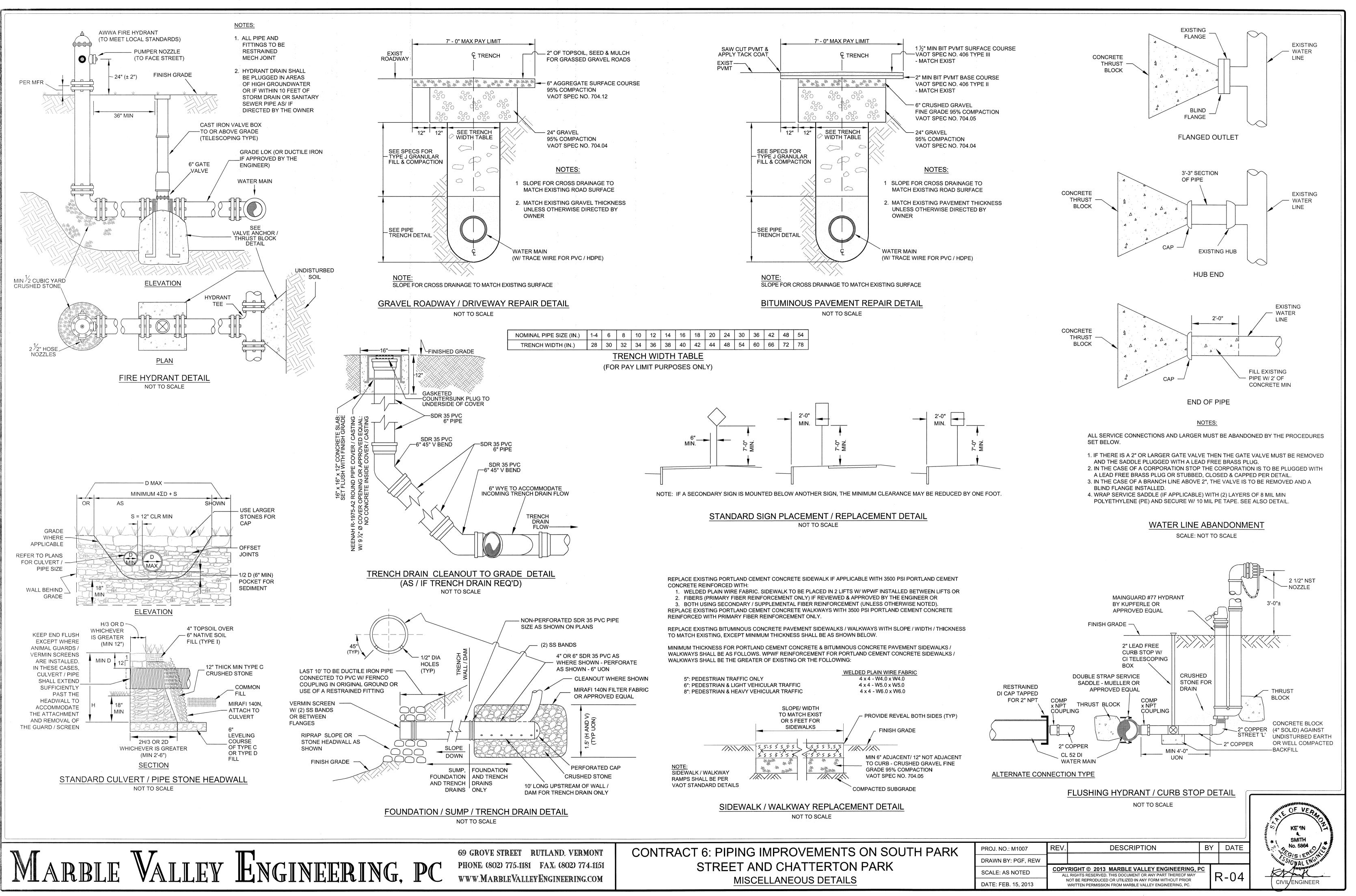


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