ABBREVIATIONS LEGEND

ABV	ABOVE	JT	JOINT
ABDN	ABANDON		
ACG	ACOUSTIC TILE CEILING	KW	KILOWATT
ACT	ACOUSTIC		
ADJ	ADJUSTABLE	L	LENGTH / LONG
AFF	ABOVE FINISHED FLOOR	LAT	LEAVING AIR TEMPERATURE
ALT	ALTERNATE	LAM	LAMINATE(D)
ALUM	ALUMINUM	LAV	LAVATORY
AHU	AIR HANDLING UNIT	LF	LINEAR FOOT
AP	ACCESS PANEL	LP	LOW POINT / LIGHTING PANEL
APPROX	APPROXIMATE	LVL	LAMINATED VENEER LUMBER
ARCH	ARCHITECTURAL	LVR	LOUVER
ASPH	ASPHALT	LWT	LEAVING WATER TEMPERATURE
ASTM	AMERICAN STANDARD TESTING MATERIAL		
AWI	ARCHITECTURAL WOOD INSTITUTE	MAX	MAXIMUM
		MC	MECHANICAL CONTRACTOR
BFE	BOTTOM FOUNDATION ELEVATION	MDO	MEDIUM DENSITY OVERLAY
BIT	BITUMINOUS	MECH	MECHANICAL
BLDG	BUILDING	MED	MEDIUM
BLKG	BLOCKING	MEP	MECHANICAL, ELECTRICAL, PLUMBING
BOT	BOTTOM	MET	METAL
BM	BEAM	MFG	MANUFACTURING
BRK	BRICK	MANUF	MANUFACTURER
BSMT	BASEMENT	MIN	MINIMUM
BUR	BUILT UP ROOF	MISC	MISCELLANEOUS
BV	BALANCING VALVE	MO	MASONRY OPENING
		MR	MDF RECEPTOR
CAB	CABINET	MTD(D)	MOUNT(ED)
CB	CATCH BASIN	MTG	MOUNTING
CFM	CUBIC FEET PER MINUTE		
CC	CENTER TO CENTER	NC	NORMALLY CLOSED
CJ	CONTROL JOINT	NFSS	NON-FUSED DISCONNECT SWITCH
℄	CENTERLINE	NIC	NOT IN CONTRACT
CLG	CEILING	NA	NOT APPLICABLE
CLO	CLOSET	NOM	NOMINAL
CMU	CONCRETE MASONRY UNIT	NS	NEAR SIDE
CO	CLEAN-OUT	NTS	NOT TO SCALE
COL	COLUMN	NO	NUMBER
CONC	CONCRETE		
COND	AIR CONDITIONING CONDENSATE	OA	OVERALL / OUTSIDE AIR
CONF	CONFERENCE	OC	ON CENTER
CONST	CONSTRUCTION	OD	OUTSIDE DIAMETER
CONT	CONTINUOUS	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CONTR	CONTRACTOR		
CORR	CORRIDOR	OH	OVERHEAD
CPT	CARPET	OPNG	OPENING
CPVC	CHLORINATED PVC PIPE	OPP	OPPOSITE
CSK	COUNTERSINK(ED)		
CRMP	CLEAN ROOM WALL PANEL	PLBG	PLUMBING
CT	CERAMIC TILE	PC	PLUMBING CONTRACTOR
CW	CONDITIONED COLD WATER	P	PLASTER
		PL	PLATE
DB	DRY/BRING DRY BULB	PLY	PLYWOOD
DEPT	DEPARTMENT	PM	PROCESS METAL
DET	DETAIL	PMJF	PREMOLDED JOINT FILLER
DF	DRINKING FOUNTAIN	PNL	PANEL
D.I.	DUCTILE IRON	PNT(D)	PAINTED
DIA	DIAMETER	PR	PAIR
DIM	DIMENSION	PRV	PRESSURE REGULATING VALVE
DN	DOWN	PSF	POUNDS PER SQUARE FOOT
DR	DOOR	PSI	POUNDS PER SQUARE INCH
DWG	DRAWING	PTR	PAPER TOWEL RECEPTACLE
DS	DOWN SPOUT	PT	POINT/ PRESSURE TREATED
		PTD	PAPER TOWEL DISPENSER
EA	EACH	PTN	PARTITION
EAT	ENTERING AIR TEMPERATURE	PVC	POLYVINYL CHLORIDE
EC	ELECTRICAL CONTRACTOR		
EXP JT	EXPANSION JOINT	QTY	QUANTITY
EJ	EXPANSION JOINT	QT	QUARRY TILE
ELEV/EL	ELEVATION		
ELEC	ELECTRICAL(L)	R	RISER/RADIUS
EMER	EMERGENCY	RA	RETURN AIR
EWP	EXTERNAL WATER PRESSURE	RAD	RADIUS
EST	ESTIMATE	RB	RESILIENT BASE
EQ	EQUAL	RD	ROOF DRAIN
EQUIP	EQUIPMENT	REINF	REINFORCE (D)/ REINFORCING
EW	EACH WAY	REF	REFERENCE
EWB	ENTERING WET BULB	REFR	REFRIGERATOR
EWC	ELECTRIC WATER COOLER	REQD	REQUIRED
EWT	ENTERING WATER TEMPERATURE	RES	RESILIENT
EXIST	EXISTING	RET	RETURN
EXH	EXHAUST	REV	REVISION
EXP	EXPANSION	RM	ROOM
EXT	EXTERIOR	RO	ROUGH OPENING/ ROOF OPENING
		RPM	REVOLUTIONS PER MINUTE
FA	FIRE ALARM	RT	RUBBER TILE
FBO	FINISHED BY OTHERS	RWC	RAIN WATER CONDUCTOR
FD	FLOOR DRAIN		
FEC	FIRE EXTINGUISHER CABINET	SA	SUPPLY AIR
FE	FIRE EXTINGUISHER	SAN	SANITARY
FFE	FINISH FLOOR ELEVATION	SCH	SCHEDULE
FHC	FIRE HOSE CABINET	SECT	SECTION
FLEX	FLEXIBLE CONNECTOR	SF	SQUARE FOOT
FIN	FINISHED	SHR	SHOWER
FIXT	FIXTURE	SIM	SIMILAR
FLR	FLOOR	SPEC	SPECIFICATION
FDN	FOUNDATION	SPF	SOLID POLYMER FABRICATIONS
FOC	FACE OF CONCRETE	SQ	SQUARE
FOF	FACE OF FINISH	SSM	SOLID SURFACE MATERIAL
FOM	FACE OF MASONRY	STD	STANDARD
FOS	FACE OF STUDS	STL	STEEL
FP	FIREPROOF(ING)	STOR	STORAGE
FR	FAR SIDE	STR	STRUCTURAL
FTG	FOOTING	SV	SHEET VINYL
		SWC	SPECIAL WALL COVERING
GA	GAUGE	SUSP	SUSPENDED
GALV	GALVANIZED	SYS	SYSTEM
GB	GRAB BAR		
GC	GENERAL CONTRACTOR	T	TREAD/TOE
GL	GLASS/GLAZING	TEL	TELEPHONE
GND	GROUND	TER	TERRAZZO
GWB	GYPSUM WALLBOARD	TMPD	TEMPERED
		THK	THICK(NESS)
HC	HANDICAP(PED)	TOM	TOP OF MASONRY
HDR	HEADER	TOS	TOP OF STEEL
HDWR	HARDWARE	TP	TOILET PAPER DISPENSER
HM	HOLLOW METAL	TPTN	TOILET PARTITION
HORIZ	HORIZONTAL	TSL	TOP OF SLAB
HP	HIGH POINT / HORSEPOWER	TOW	TOP OF WALL
HR	HANDRAIL	TYP	TYPICAL
HT	HEIGHT		
HI	HIGH	UC	UNDERCUT
HVAC	HEATING VENTILATING & AIR CONDITIONING	UH	UNIT HEATER
HC	HVAC CONTRACTOR	UNO	UNLESS NOTED OTHERWISE
ID	INSIDE DIAMETER	VCB	VINYL COVE BASE
INCL	INCLUDED	VCT	VINYL COMPOSITION TILE
INFO	INFORMATION	VERT	VERTICAL
INSUL	INSULATE/INSULATION	VFD	VARIABLE FREQUENCY DRIVE
INT	INTERIOR	VP	VENEER PLASTER/ VAPOR PROOF
INV	INVERT	VSD	VARIABLE SPEED DRIVE
		VTR	VENT THROUGH ROOF
JAN	JANITOR JANITOR'S CLOSET		
JB	JUNCTION BOX	W/	WITH

CIVIL LEGEND

- WO WITHOUT / WD WOOD — EXIST BENCHMARK ELEVATION
- EXISTING CONTOURS (MAJOR)
- EXISTING CONTOURS (MINOR)
- PROPERTY LINE
- EASEMENT
- RIGHT-OF-WAY
- RIVER / STREAM
- WETLANDS
- EXISTING FLOOD PLAIN
- EXISTING FENCE
- EXISTING NATURAL GAS LINE
- EXISTING WATER
- EXISTING SLUDGE LINE
- EXISTING SANITARY
- EXISTING STORM DRAIN
- EXISTING ELECTRIC / COMM / LIGHTING
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD UTILITY LINE
- EXISTING TREELINE
- EXISTING BRUSH
- EXISTING INLET
- EXISTING SANITARY MANHOLE
- EXISTING SEWER VALVE
- EXISTING LIGHT POLE
- EXISTING TREE
- EXISTING UTILITY POLE
- EXISTING MISCELLANEOUS VALVE
- EXISTING WATER VALVE
- EXISTING BUILDING
- FUTURE FACILITIES
- REPORTED PREVIOUS MINING AREA
- Ua / EhC — SOIL LINE & SOIL TYPE
- LINE LOCATING SERVICE / SEPT O/S TEST HOLE
- TB #1 — GEOTECHNICAL TEST BORING
- RB #1 — GEOTECHNICAL ROCK BORING
- RC #1 — GEOTECHNICAL TEST BORING @ RIVER
- MW #1 — MONITORING WELL
- TEMPORARY STONE ACCESS DRIVEWAY
- PROPOSED FORCE MAIN / PIPING W/ FITTINGS
- PIPELINE SAFETY MARKER
- TEMPORARY CONSTRUCTION EASEMENT
- PERMANENT EASEMENT
- FILTER FABRIC FENCE
- LIMIT OF DISTURBANCE / NPDES BOUNDARY
- PUMPED WATER FILTER BAG
- SILT SACK INLET PROTECTION
- STABILIZED CONSTRUCTION ENTRANCE

SOIL TYPES

Ua Codorus
HaB Holly silt loam
EhC Edgemont channery loam, 8 to 15 percent slopes

DEMOLITION LEGEND

- DENOTES UTILITY, EQUIPMENT OR STRUCTURE TO BE REMOVED

ELECTRICAL LEGEND

- WALL MOUNTED LUMINAIRE TYPE AS INDICATED
- DUPLEX RECEPTACLE W/ INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF ENCLOSURE
- DEDICATED DUPLEX RECEPTACLE, WEATHERPROOF ENCLOSURE
- MOTOR, HORSEPOWER AS NOTED, FAR FUNCTIONAL
- BRANCH CIRCUIT HOMERUN TO PANEL
- NEW EXPOSED WIRING IN RACEWAY
- UNDERGROUND RACEWAY
- TERMINAL BLOCK
- CIRCUIT BREAKER
- CONDUCTORS NOT CONNECTED
- CONDUCTORS CONNECTED
- GROUND
- NORMALLY OPEN CONTACT

GENERAL LEGEND

- CONCRETE IN SECTION W/STEEL REINFORCING
- CONCRETE IN PLAN / GYPSUM
- CRUSHED STONE/GRAVEL
- EARTH
- UNDISTURBED EARTH

GENERAL SHEET NOTES

1. REFER TO DRAWING G-003 FOR GENERAL PROJECT NOTES, DRAWING INDEX & DRAWING CONVENTIONS.

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RECORD DRAWING
TERMINATED
PADT CONSTRUCTION
AS BUILT
DATE 09/15/2014

NO.	DESCRIPTION	BY	DATE
	RECORD DRAWINGS	BMH	10/14/14
	SEWER AS REVISED	JLPD	10/14/14

CITY OF READING
READING, BERKS COUNTY, PENNSYLVANIA
42-INCH FORCE MAIN - 6TH & CANAL PS TO ANGELICA CREEK
CITY OF READING PROJECT #2001-12
GENERAL
SYMBOLS, ABBREVIATIONS & LEGENDS

SCALE: AS NOTED
DESIGNED BY: BMW
DRAWN BY: BMW
APPROVED BY: MLD
PROJECT NO: 6481.06
DRAWING NO: G-002