

STORM SEWER DESCRIPTIONS

- ① 40 L.F. - 15" STORM SEWER PIPE
INV. IN = 1089.59
INV. OUT = 1082.00
SLOPE = 19.0%
1 - VDOT ES-2 AT OUTLET
- ② 32 L.F. - 15" STORM SEWER PIPE
INV. IN = 1093.25
INV. OUT = 1089.79
SLOPE = 10.8%
- ③ 82 L.F. - 15" STORM SEWER PIPE
INV. IN = 1090.61
INV. OUT = 1089.79
SLOPE = 1.0%
- ④ DROP INLET VDOT DI-1
WITH BACK-UP BERM
TOP = 1093.64
INV. = 1089.59
- ⑤ VDOT ES-2
FLARED END SECTION
INV. = 1093.25
- ⑥ DROP INLET VDOT DI-1
WITH BACK-UP BERM
TOP = 1093.61
INV. = 1090.61

NOTES:

1. PROPOSED LIMITS OF LAND DISTURBANCE = 43,421 SQ. FT.
2. ZONING DISTRICT: REGIONAL ENTERPRISE PARK
3. TAX PARCEL # 0360020500 & 0360021105
4. ADDRESS: BRICK CHURCH ROAD
5. FEMA MAP NO. SHOWS THAT PROPERTY DOES NOT LIE IN A FLOODPLAIN.
6. THE PARCEL IS CURRENTLY FARMLAND AND UNDEVELOPED.
7. FOR EROSION & SEDIMENT CONTROL NOTES SEE SHEET C2.01.
8. FOR STORM SEWER PROFILE, SEE SHEET C3.05.

PROPOSED PAD COORDINATE TABLE

POINT	NORTHING	EASTING
1	3552723.02	11072445.98
2	3552723.02	11072520.98
3	3552648.02	11072445.98
4	3552648.02	11072520.98

EROSION & SEDIMENT CONTROL LEGEND
(REF. VIRGINIA EROSION & SEDIMENT CONTROL
HANDBOOK, LATEST EDITION)

- SF STD. & SPEC. 3.05 SILT FENCE
- IP STD. & SPEC. 3.07 STORM DRAIN INLET PROTECTION
- CIP STD. & SPEC. 3.08 CULVERT INLET PROTECTION
- OP STD. & SPEC. 3.18 OUTLET PROTECTION
- TO STD. & SPEC. 3.30 TOPSOILING
- TS STD. & SPEC. 3.31 TEMPORARY SEEDING
- PS STD. & SPEC. 3.32 PERMANENT SEEDING
- MU STD. & SPEC. 3.35 MULCHING
- B/M STD. & SPEC. 3.36 SOIL STABILIZATION BLANKET

PROPOSED LEGEND

- 2" SM-2A ASPHALT WITH
6" 21A COMPACTED STONE BASE
- 6" 21A COMPACTED STONE BASE
- 6" CHAIN LINK FENCE WITH 3 STRANDS
BARBED WIRE. SEE DETAIL G-5.



WESTERN VIRGINIA WATER AUTHORITY
601 South Jefferson Street, Suite 300
Roanoke, Virginia 24011

DES: KN
DRAWN: JES
CHECK: GWF
DATE: 08/13/18

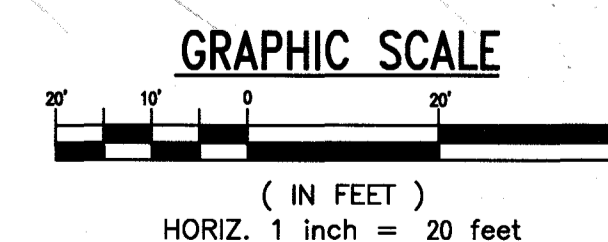
SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: N/A

SUMMIT VIEW BUSINESS PARK UTILITY IMPROVEMENTS
PHASE 2 OF PHASE 1

LIFT STATION #2
SITE PLAN

DRAWING
C3.04

SHEET
14



REV	DATE	DESCRIPTION