

# **KEY NOTES - NEW FIRE SERVICE**

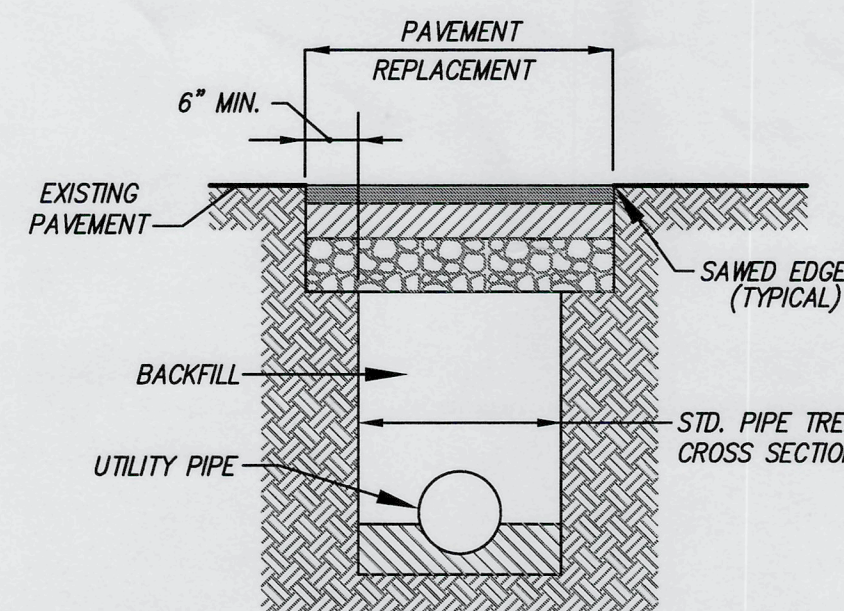
- SAW-CUT EXISTING PAVEMENT FOR NEW INTERCONNECTION TO EXISTING WATER MAIN. SEE PAVEMENT REPLACEMENT DETAIL AND PAVEMENT REPLACEMENT SECTION FOR PAVEMENT REQUIREMENTS.
- PROVIDE A CUT-IN REDUCING TEE TO CONNECT NEW 6" FIRE LINE TO EXISTING 8" PUBLIC MAIN. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR, WITH INSPECTIONS BY THE WVMA. INSTALL NEW 6" GATE VALVE AND TRAFFIC BEARING VALVE BOX. VALVE SHALL BE CONNECTED TO REDUCING TEE. COORDINATE INSPECTION REQUIREMENTS WITH THE WVMA.
- PROVIDE NEW 6" PUBLIC WATERLINE BETWEEN NEW GATE VALVE AND NEW VAULT.
- PROVIDE NEW 6"x6" TYPE 'W-7' FIRE VAULT. SEE DETAIL THIS SHEET. DISREGARD ALL REFERENCES TO DOMESTIC PIPE AND FITTINGS IN THE DETAIL, AS THE PROPOSED VAULT IS FOR FIRE SERVICE ONLY.
- PROVIDE NEW 6" PRIVATE WATERLINE FROM VAULT TO INTERCONNECT WITH NEW FIRE SUPPRESSION SYSTEM IN THE BUILDING.
- PROVIDE NEW POST INDICATOR VALVE (PIV) ASSEMBLY. INTERCONNECT WITH FIRE SUPPRESSION PANEL AS REQUIRED BY SPRINKLER CONTRACTOR.

SEE SPRINKLER / SITE PLAN PREPARED BY VSC FIRE & SECURITY INC. FOR LOCATION OF NEW FIRE DEPARTMENT CONNECTION (FDC).

*Inspection AS-Built  
3-16-2023  
MARK SIAK  
Wells Construction*

*Handwritten notes and signatures in the bottom right corner of the plan area.*

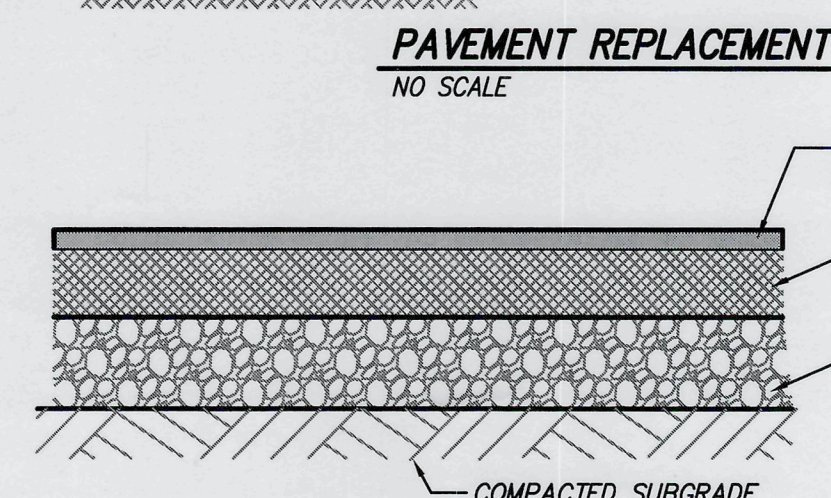
APPROX	APPROXIMATE	EXISTING	NEW	SPOT ELEVATION
BC	BOTTOM OF CURB	100.5	100.5	100.5
BIT	BITUMINOUS	---	---	---
BLDG	BUILDING	---	---	---
BLK	BLOCK	---	---	---
BM	BENCHMARK	---	---	---
CMP	CORRUGATED METAL PIPE	---	---	---
CONC	CONCRETE	---	---	---
EP	EDGE OF PAVEMENT	---	---	---
EXIST	EXISTING	---	---	---
FDN	FOUNDATION	---	---	---
FF	FINISHED FLOOR	---	---	---
FG	FINISH GRADE	---	---	---
INV	INVERT	---	---	---
IPF	IRON PIN FOUND	---	---	---
MIN	MINIMUM	---	---	---
PVMT	PAVEMENT	---	---	---
REQD	REQUIRED	---	---	---
SAN	SANITARY	---	---	---
SD	STORM DRAIN	---	---	---
SS	SANITARY SEWER	---	---	---
SSE	SANITARY SEWER EASEMENT	---	---	---
STD	STANDARD	---	---	---
TBM	TEMPORARY BENCHMARK	---	---	---
TC	TOP OF CURB	---	---	---
TYP	TYPICAL	---	---	---
VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION	---	---	---



COMPACTION OF ALL MATERIALS SHALL BE TO MINIMUM 90% STANDARD PROCTOR (ASTM D698)

WHERE EDGES OF NEW PAVEMENT MATCH EXISTING, THE RESULTING JOINTS SHALL BE STRAIGHT, SMOOTH, AND FLUSH.

CROSS-SLOPE OF PAVEMENT REPLACEMENT SURFACE SHALL BE UNIFORM WITH EXISTING PAVEMENT SLOPES.



REFER TO VDOT SPECIFICATIONS FOR INDIVIDUAL PAVEMENT COURSES SHOWN HEREON

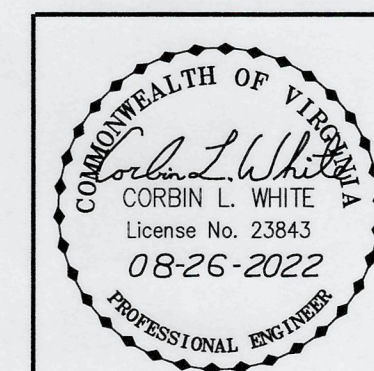
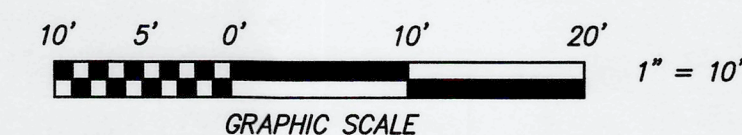
**PAVEMENT REPLACEMENT SECTION - HEAVY DUTY**

NO SCALE

REVISED AUGUST 26, 2022 PER WVMA REVIEW - C.L. White

**APPROVED**  
By Aaron Shearer at 2:41 pm, Aug 26, 2022

ALL NEW WATERLINE MATERIALS, FABRICATION, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS.



**NEW FIRE SERVICE LATERAL AND VAULT FOR VSC FIRE & SECURITY INC.**

TO BE CONSTRUCTED FOR NEW FIRE SUPPRESSION SYSTEM TRACT 7 JAMISON INDUSTRIAL PARK (P.B. 6, PG. 21)

SITUATE 7703 ENON DRIVE  
HOLLINS MAGISTERIAL DISTRICT  
COUNTY OF ROANOKE, VIRGINIA

Designed: C.L. White  
Drawn: C.L. White  
Checked: C.L. White  
Date: August 16, 2022  
Scale: 1" = 10'  
Tax Parcel: 027.10-11-01.00-0000  
Field Book: CH-27  
W.O. No.: 22-0059

**CWA**  
**CALDWELL WHITE ASSOCIATES**  
ENGINEERS / SURVEYORS / PLANNERS  
4203 MELROSE AVENUE  
P.O. BOX 6260  
ROANOKE, VIRGINIA 24017-0260  
(540) 566-2400  
FAX: (540) 566-8702