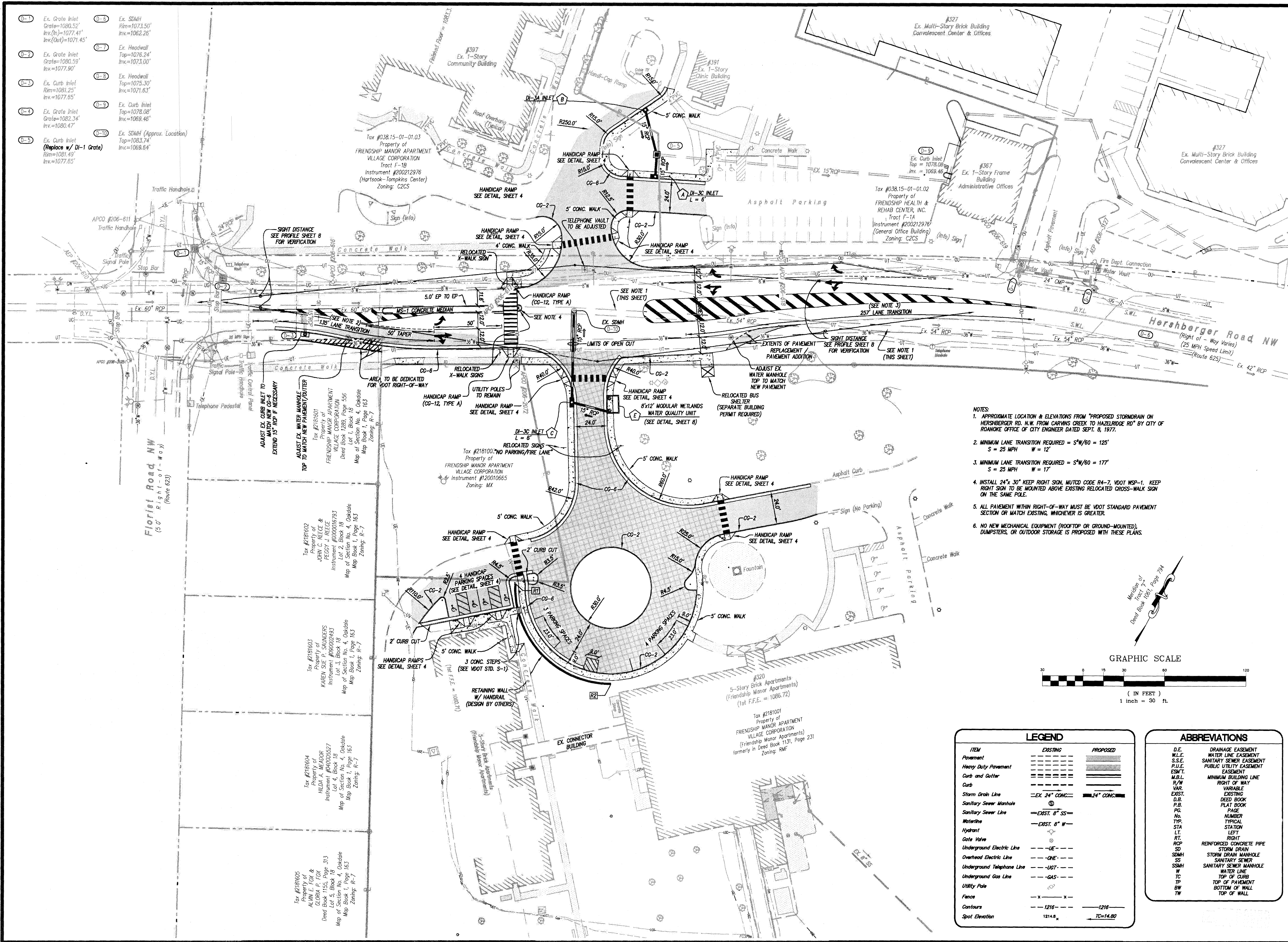


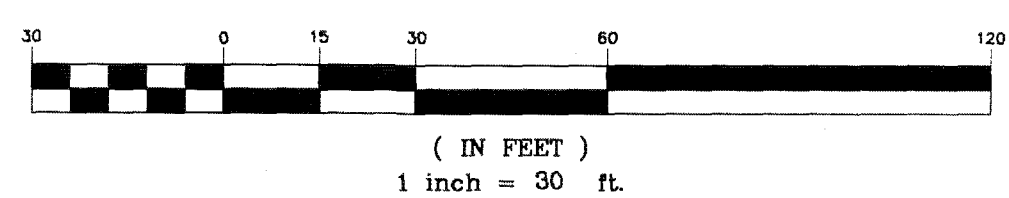
- 0-1 Ex. Grate Inlet
Grate=1080.52'
Inv.(In)=1077.41'
Inv.(Out)=1071.45'
- 0-2 Ex. Grate Inlet
Grate=1080.59'
Inv.=1077.90'
- 0-3 Ex. Curb Inlet
Rim=1081.25'
Inv.=1077.65'
- 0-4 Ex. Grate Inlet
Grate=1082.34'
Inv.=1080.47'
- 0-5 Ex. Curb Inlet
(Replace w/ DI-1 Grate)
Rim=1081.49'
Inv.=1077.65'

- 0-6 Ex. SDMH
Rim=1073.50'
Inv.=1062.26'
- 0-7 Ex. Headwall
Top=1076.24'
Inv.=1073.00'
- 0-8 Ex. Headwall
Top=1075.30'
Inv.=1071.63'
- 0-9 Ex. Curb Inlet
Top=1078.08'
Inv.=1069.46'
- 0-10 Ex. SDMH (Approx. Location)
Top=1083.74'
Inv.=1069.64'



- NOTES:
- APPROXIMATE LOCATION & ELEVATIONS FROM "PROPOSED STORMDRAIN ON HERSHERBERGER RD. N.W. FROM CARVINS CREEK TO HAZELBRIDGE RD" BY CITY OF ROANOKE OFFICE OF CITY ENGINEER DATED SEPT. 8, 1977.
 - MINIMUM LANE TRANSITION REQUIRED = $S^2/W/60 = 125'$
 $S = 25$ MPH $W = 12'$
 - MINIMUM LANE TRANSITION REQUIRED = $S^2/W/60 = 177'$
 $S = 25$ MPH $W = 17'$
 - INSTALL 24" 30" KEEP RIGHT SIGN, MUTED CODE R4-7, VDOT WSP-1. KEEP RIGHT SIGN TO BE MOUNTED ABOVE EXISTING RELOCATED CROSS-WALK SIGN ON THE SAME POLE.
 - ALL PAVEMENT WITHIN RIGHT-OF-WAY MUST BE VDOT STANDARD PAVEMENT SECTION OR MATCH EXISTING, WHICHEVER IS GREATER.
 - NO NEW MECHANICAL EQUIPMENT (ROOFTOP OR GROUND-MOUNTED), DUMPSTERS, OR OUTDOOR STORAGE IS PROPOSED WITH THESE PLANS.

GRAPHIC SCALE



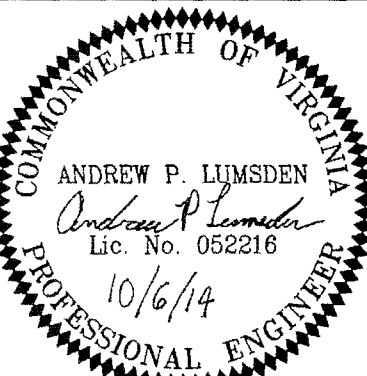
LEGEND

ITEM	EXISTING	PROPOSED
Pavement	---	---
Heavy Duty Pavement	---	---
Curb and Gutter	---	---
Storm Drain Line	---EX. 24" CONC---	---24" CONC---
Sanitary Sewer Manhole	---	---
Sanitary Sewer Line	---EXST. 8" SS---	---
Waterline	---EXST. 8" W---	---
Hydrant	---	---
Gate Valve	---	---
Underground Electric Line	---UE---	---
Overhead Electric Line	---OHE---	---
Underground Telephone Line	---UGT---	---
Underground Gas Line	---GAS---	---
Utility Pole	---	---
Fence	---	---
Contours	---1216---	---1216---
Spot Elevation	1214.8	TC=14.80

ABBREVIATIONS

D.E.	DRAINAGE EASEMENT
W.L.E.	WATER LINE EASEMENT
S.S.E.	SANITARY SEWER EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
ESMT	EASEMENT
M.B.L.	MINIMUM BUILDING LINE
R/W	RIGHT OF WAY
VAR.	VARIABLE
EXST.	EXISTING
D.B.	DEED BOOK
P.B.	PLAT BOOK
PG.	PAGE
No.	NUMBER
TYP.	TYPICAL
STA.	STATION
LT.	LEFT
RT.	RIGHT
RCP	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
W	WATER LINE
TC	TOP OF CURB
TP	TOP OF PAVEMENT
BW	BOTTOM OF WALL
TW	TOP OF WALL

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA



DIMENSIONAL LAYOUT

FRIENDSHIP MANOR &
HERSHERBERGER ROAD IMPROVEMENTS
SITUATED IN
ROANOKE COUNTY &
CITY OF ROANOKE, VIRGINIA

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: October 6, 2014
SCALE: 1" = 30'
COMMISSION NO.: 13-215
SHEET 6 OF 13

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