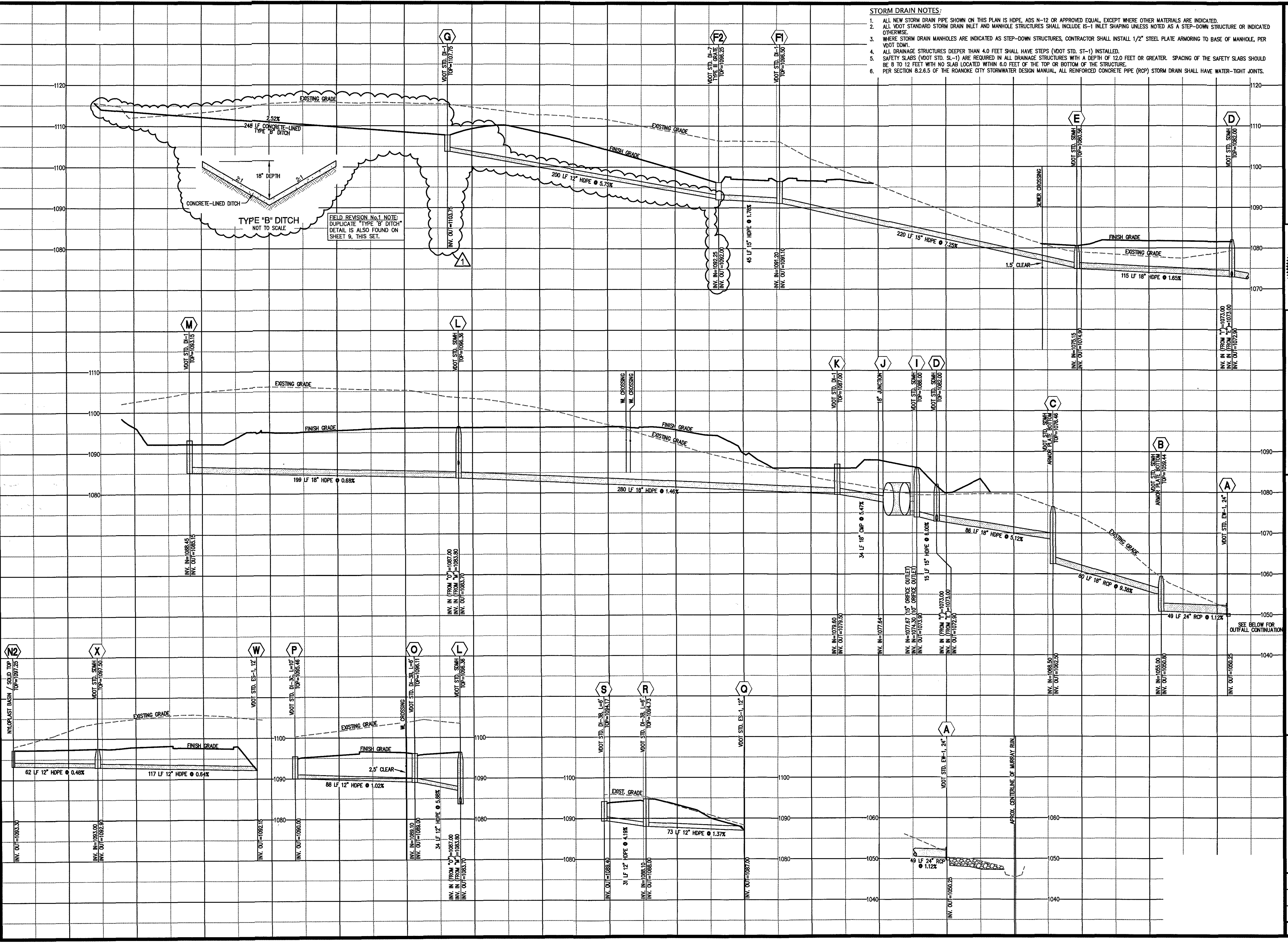


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- STORM DRAIN NOTES:**
1. ALL NEW STORM DRAIN PIPE SHOWN ON THIS PLAN IS HDPE, ADS N-12 OR APPROVED EQUAL, EXCEPT WHERE OTHER MATERIALS ARE INDICATED.
 2. ALL VDOT STANDARD STORM DRAIN INLET AND MANHOLE STRUCTURES SHALL INCLUDE IS-1 INLET SHAPING UNLESS NOTED AS A STEP-DOWN STRUCTURE OR INDICATED OTHERWISE.
 3. WHERE STORM DRAIN MANHOLES ARE INDICATED AS STEP-DOWN STRUCTURES, CONTRACTOR SHALL INSTALL 1/2" STEEL PLATE ARMORING TO BASE OF MANHOLE, PER VDOT DDM.
 4. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
 5. SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. SPACING OF THE SAFETY SLABS SHOULD BE 8 TO 12 FEET WITH NO SLAB LOCATED WITHIN 6.0 FEET OF THE TOP OR BOTTOM OF THE STRUCTURE.
 6. PER SECTION 8.2.6.5 OF THE ROANOKE CITY STORMWATER DESIGN MANUAL, ALL REINFORCED CONCRETE PIPE (RCP) STORM DRAIN SHALL HAVE WATER-TIGHT JOINTS.

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

HOWARD P. HOGGESS II
Professional Engineer
License No. 000823
3/8/18
LANDSCAPE ARCHITECT

COMPREHENSIVE DEVELOPMENT PLAN
FOR
JEFFERSON HILLS ASSISTED LIVING
PREPARED FOR
NEW MILLENNIUM SENIOR LIVING COMMUNITIES
SITUATED ALONG GORDEN ROAD, SW
CITY OF ROANOKE, VIRGINIA

NO.	DATE	DESCRIPTION
1	3/9/18	ELIMINATE MEET "N", ADD DITCH TO STR. "A"

DATE: September 12, 2017
SCALE: 1" = 30'(H), 1" = 10'(V)
COMMISSION NO.: 15-079
SHEET 7 OF 16