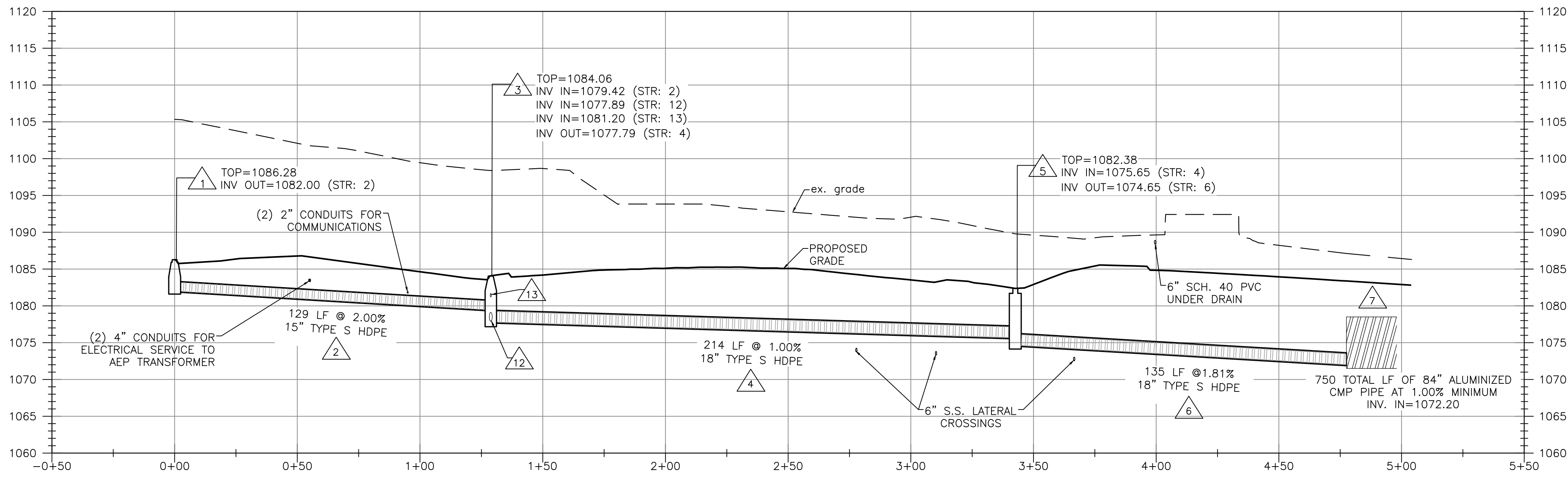
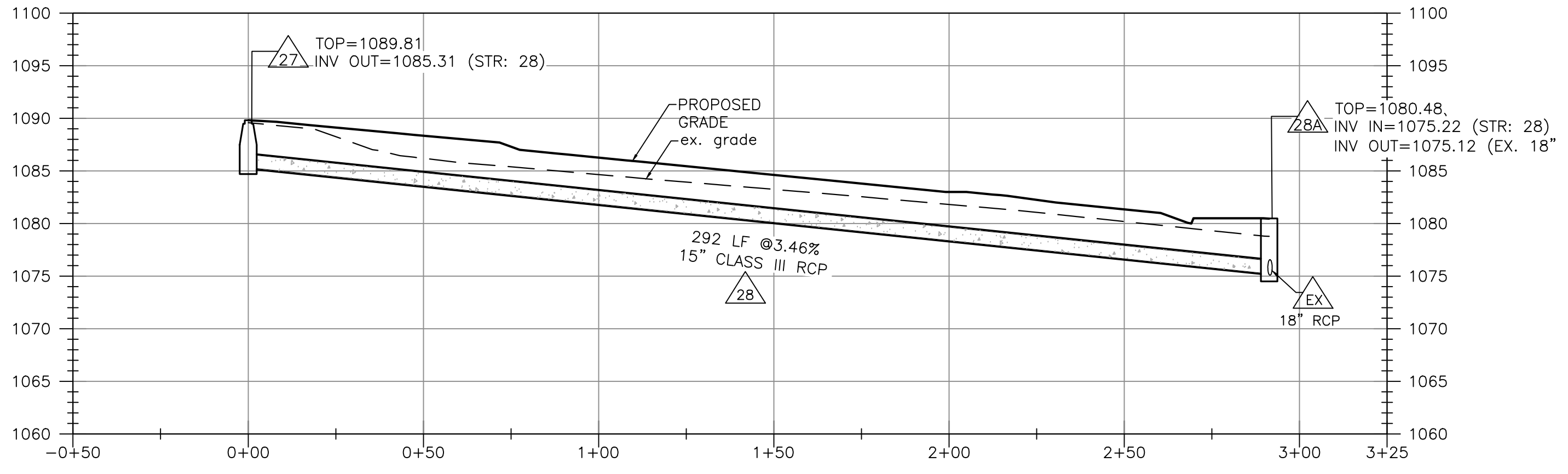


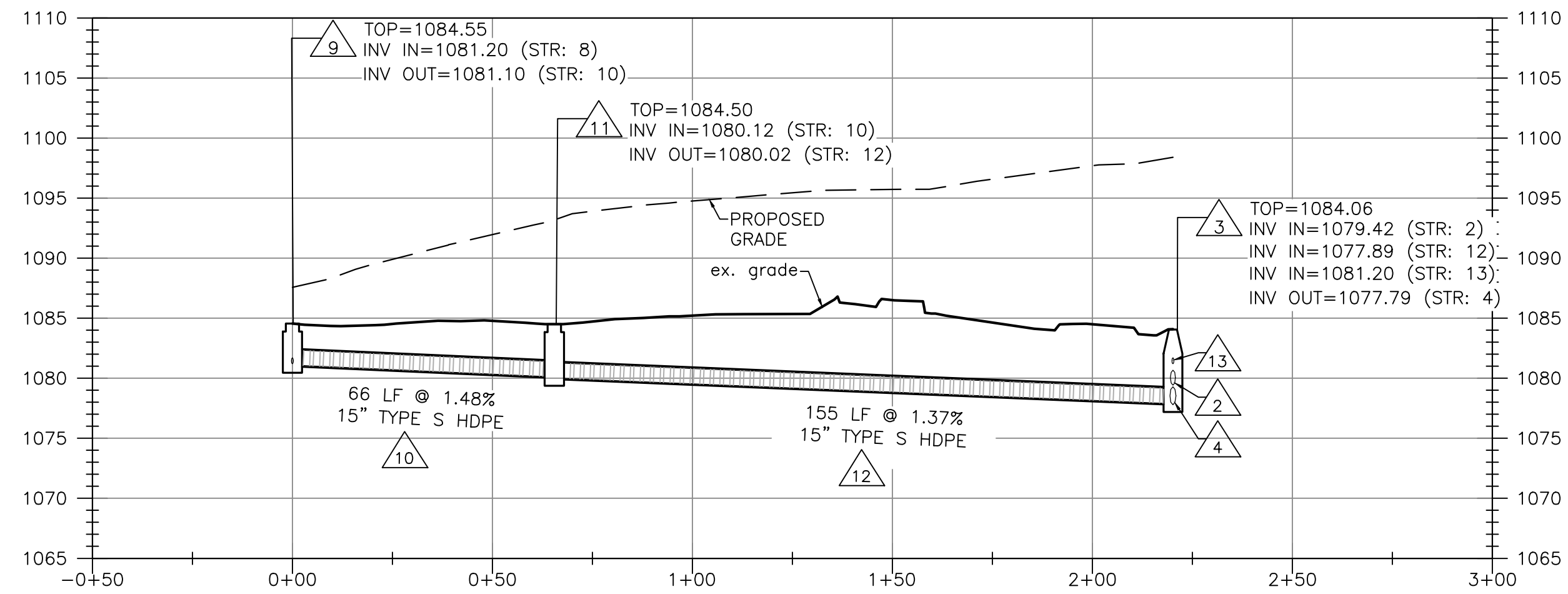
STORM STRUCTURE #1-6 PROFILE



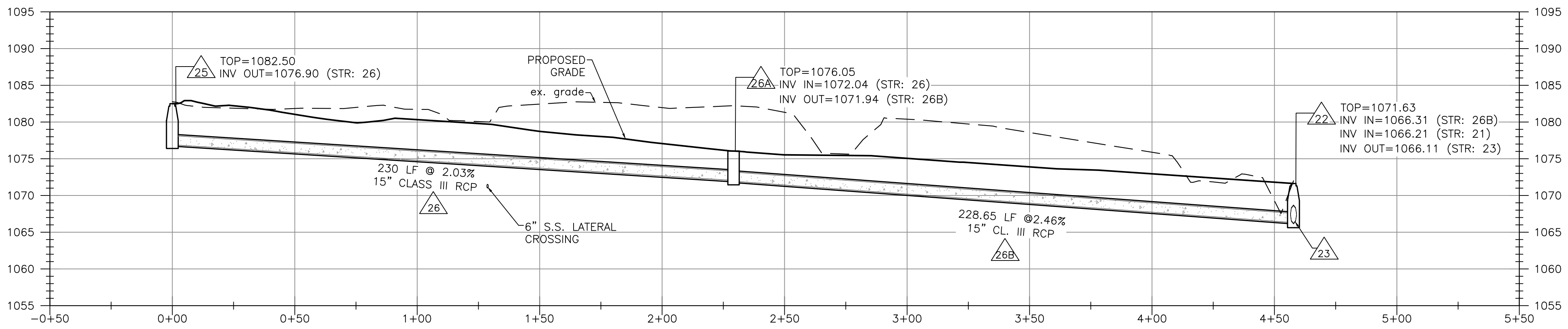
STORM STRUCTURE 27-28A PROFILE



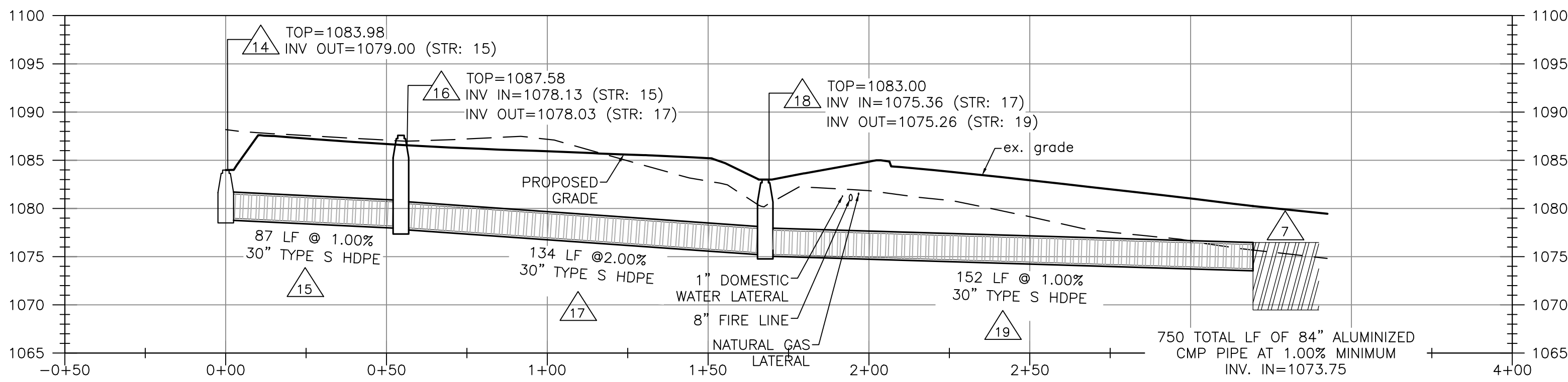
STORM STRUCTURE #9-3 PROFILE



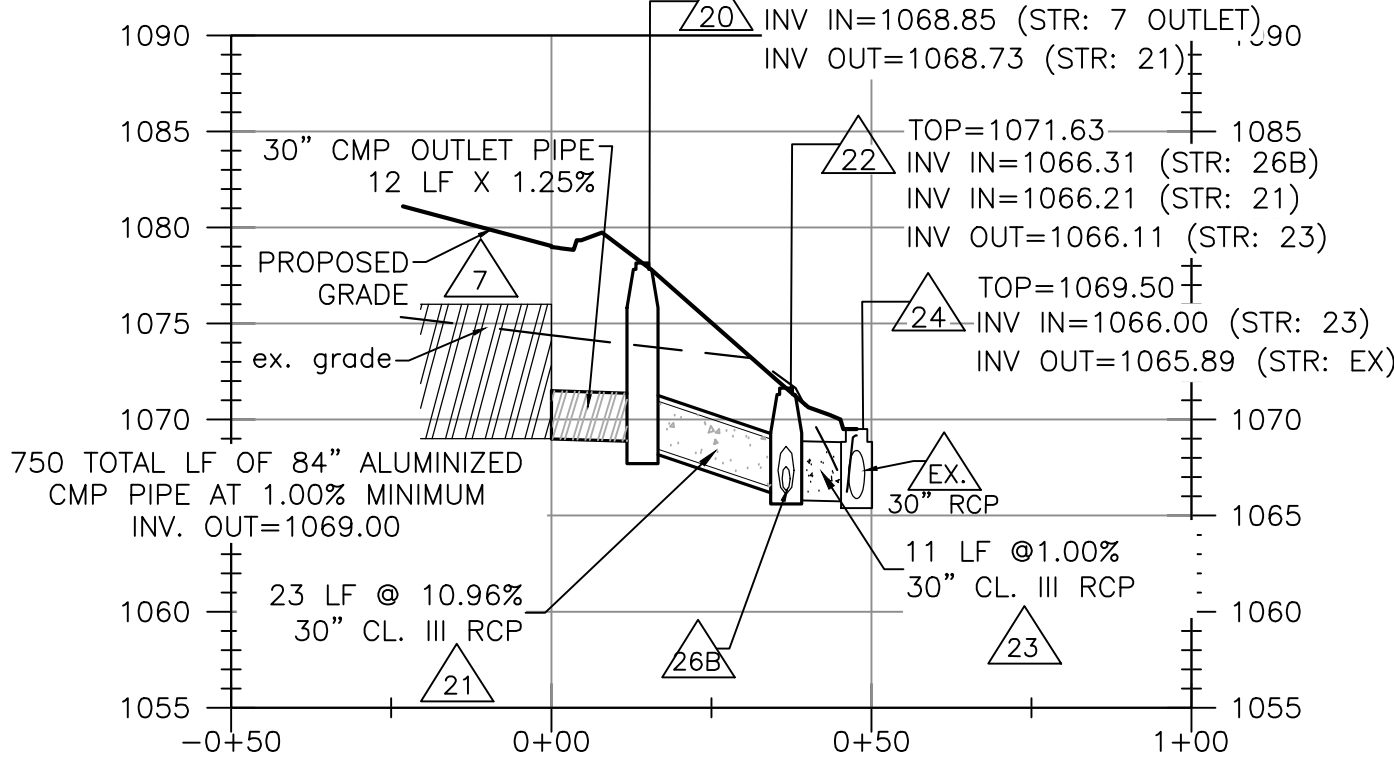
STORM STRUCTURE #25-22 PROFILE



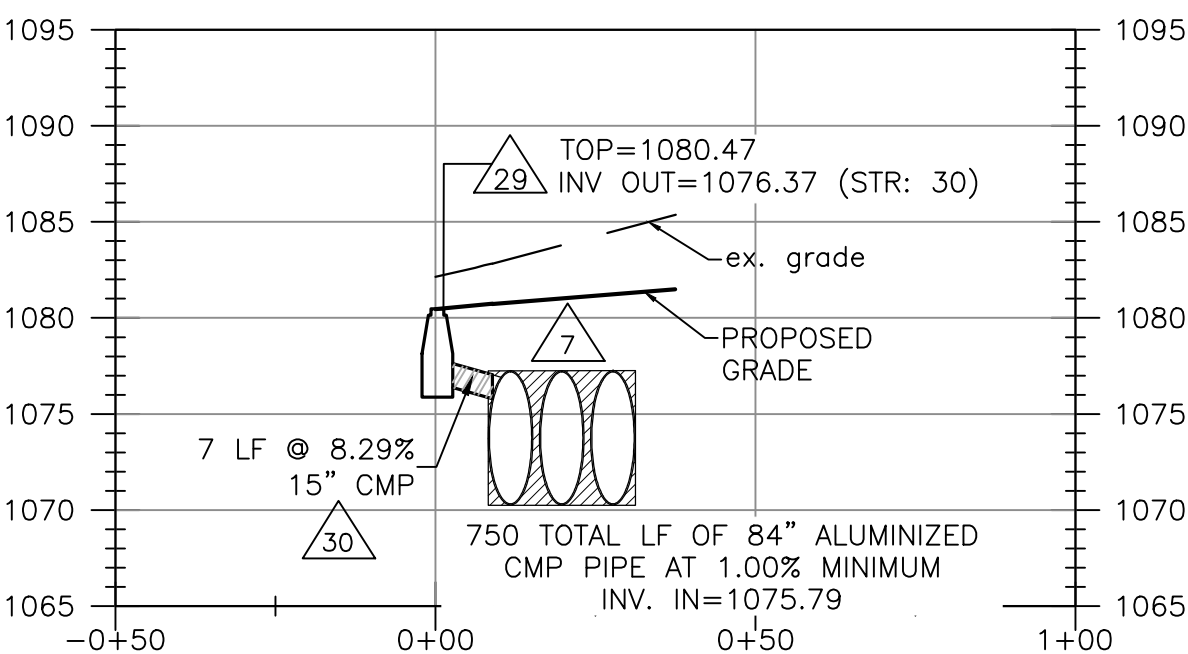
STORM STRUCTURE #14-7 PROFILE



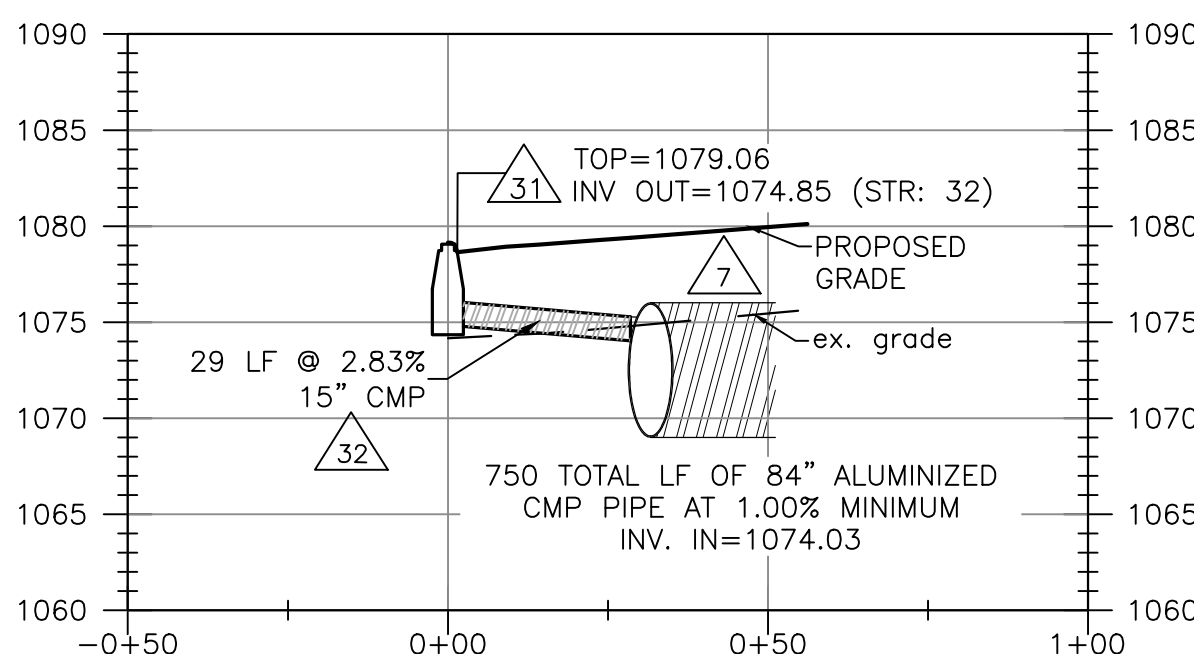
STORM STRUCTURE #7-EX PROFILE



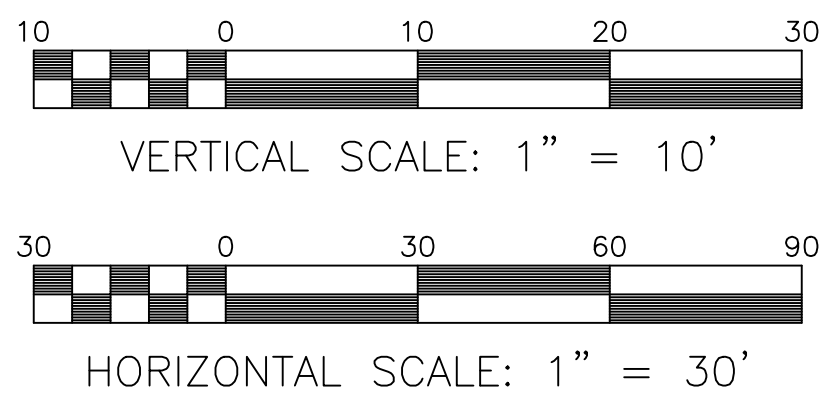
STORM STRUCTURE #29-7 PROFILE



STORM STRUCTURE #31-7 PROFILE



PROFILE SCALES



STORM STRUCTURE SCHEDULE:

VDOT ST'D DI-3C CURB INLET (10' THROAT) TOP:1086.28 INV. IN:1082.00 INV. OUT:1078.03 129 LF OF 15" TYPE S HDPE PIPE AT 2.00% VDOT ST'D DI-3C CURB INLET (8' THROAT) TOP:1084.06 INV. IN:1081.20 (#13) INV. IN:1079.42 (#2) INV. IN:1077.89 (#12) INV. OUT:1077.79 214 LF OF 18" TYPE S HDPE PIPE AT 1.00% VDOT ST'D DI-3B CURB INLET (6' THROAT) TOP:1082.38 INV. IN:1075.65 INV. OUT:1074.65 135 LF OF 18" TYPE S HDPE PIPE AT 1.81% INV. OUT:1072.20 750 LF TOTAL OF 84" ALUMINIZED TYPE II (14 GAUGE) CMP PIPE FOR SWM FACILITY (3) RUNS OF 250 LF W/WEIR WALL & ORIFICE (SEE DETAIL ON SHEET C14.0 FOR SPECIFIC ELEVATIONS) 110 LF OF 6" SCH. 40 PIPE AT 2.1% W/ 3 TRAFFIC BEARING CLEANOUTS INV. IN:1082.85 INV. OUT:1081.20 VDOT ST'D DI-1 GRATE INLET TOP:1084.55 INV. IN:1081.20 INV. OUT:1081.10 66 LF OF 15" TYPE S HDPE PIPE AT 1.48% VDOT ST'D DI-1 GRATE INLET TOP:1084.50 INV. IN:1080.12 INV. OUT:1080.02 155 LF OF 15" TYPE S HDPE PIPE AT 1.37% 87 LF OF 6" SCH. 40 PIPE AT 1.88% W/1 TRAFFIC BEARING CLEANOUT INV. IN:1082.85 INV. OUT:1081.20 VDOT ST'D MH-2 MH BASE W/ OPEN TOP & TRASH RACK TOP:1083.98 INV. IN:1075.22 INV. OUT:1075.12 87 LF OF 30" TYPE S HDPE PIPE AT 1.00%	VDOT ST'D DI-7 GRATE INLET (TYPE 1 GRATE) TOP:1087.58 INV. IN:1078.13 INV. OUT:1078.03 134 LF OF 30" TYPE S HDPE PIPE AT 2.00% VDOT ST'D DI-7 GRATE INLET (TYPE 1 GRATE) TOP:1083.00 INV. IN:1075.36 INV. OUT:1075.26 152 LF OF 30" TYPE S HDPE PIPE AT 1.00% VDOT ST'D MH-2 MH TOP:1071.63 INV. IN:1066.21 (#21) INV. OUT:1066.11 11 LF OF 30" TYPE S HDPE PIPE AT 1.00% VDOT ST'D DI-1 GRATE INLET TOP:1069.50 INV. IN:1066.00 INV. OUT:1065.89 VDOT ST'D DI-5 GRATE INLET TYPE III GRATE TOP:1082.50 INV. IN:1076.90 230 LF OF 15" CLASS III RCP PIPE AT 2.12% VDOT ST'D MH-2 MH TOP:1076.05 INV. IN:1072.04 INV. OUT:1071.94 229 LF OF 15" CLASS III RCP PIPE AT 2.46% VDOT ST'D DI-7A GRATE INLET TYPE III GRATE TOP:1080.47 INV. IN:1075.12 INV. OUT:1075.12 VDOT ST'D DI-2B CURB INLET (6' THROAT) TOP:1080.47 INV. IN:1076.37 7 LF OF 15" CMP PIPE AT 8.29% INV. OUT:1075.79 VDOT ST'D DI-3B CURB INLET (10' THROAT) TOP:1079.06 INV. IN:1074.85 INV. OUT:1074.85 29 LF OF 15" CMP PIPE AT 2.83% INV. OUT:1074.03
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- NOTES:
- VDOT STD IS-1 INLET SHAPING SHALL BE PROVIDED IN ALL PROPOSED STRUCTURES
 - NON-SHRINK GROUT SHALL BE USED FOR ALL STORM SEWER PIPE CONNECTIONS.
 - STORM SEWER LOCATED IN PUBLIC RIGHT OF WAY OF PETERS CREEK ROAD, IS REQUIRED TO HAVE WATER TIGHT, GASKETED JOINTS.



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NOT RELEASED FOR CONSTRUCTION

LATEST D/A/P/C DXXX-XXX PCXX-XXX

DRAWN BY: BALZER & ASSOC. / BTC

CHECKED BY: BALZER & ASSOC. / CPB

REVISIONS

REV#	DATE	DESCRIPTION	BY
1	5/5/19	CLIENT REV.	BTC
2	6/10/19	LOCALITY REV.	BTC
3	7/19/19	PLAN REVISION	BTC

Carmax
THE AUTO SUPERSTORE
CARMAX THE AUTO SUPERSTORE, INC.
13800 TUCKER CREEK PARKWAY, RICHMOND, VA 23061
(800) 774-6422

PROJECT NO. 04180107.00
DATE 21 MARCH 2019
SHEET TITLE STORM PROFILES
SHEET NO. **C13.0**

STORE NO. 6154
2839 PETERS CREEK ROAD
ROANOKE, VA 24019