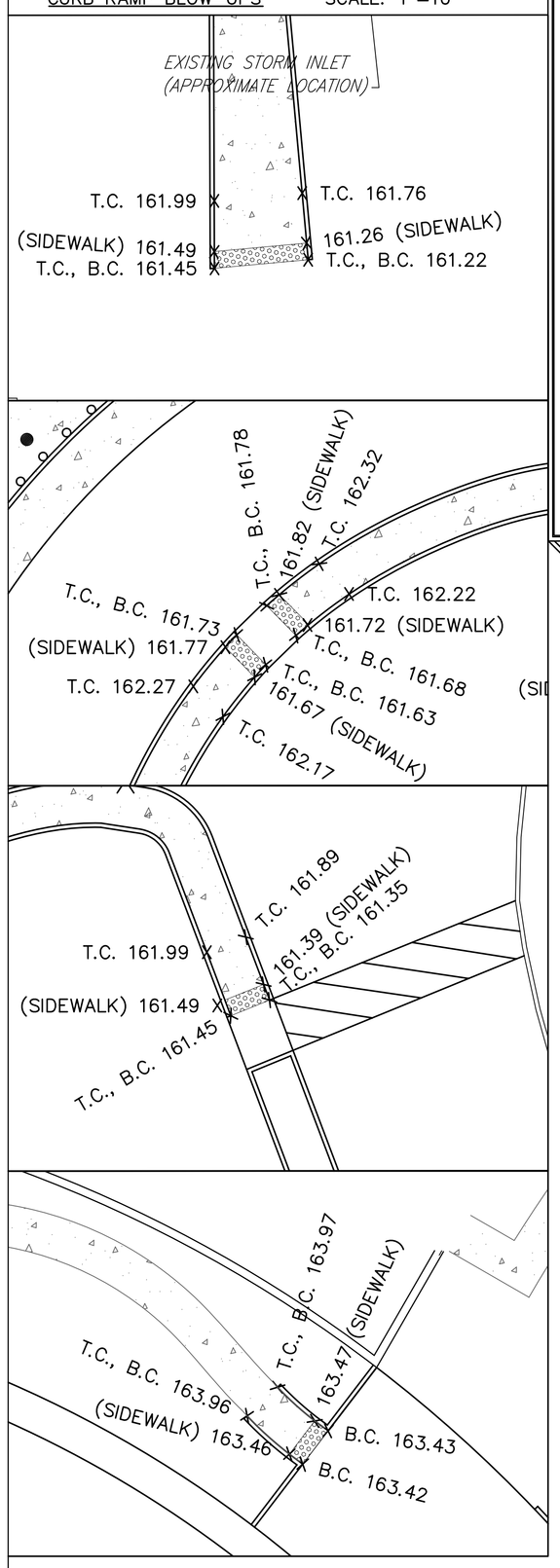
*RETAINING WALL NOTE:

BASIS OF DESIGN: RETAINING WALL TO BE REDI-ROCK, LEDGESTONE PATTERN. REFER TO STRUCTURAL DRAWINGS.

**SNOUT NOTE:

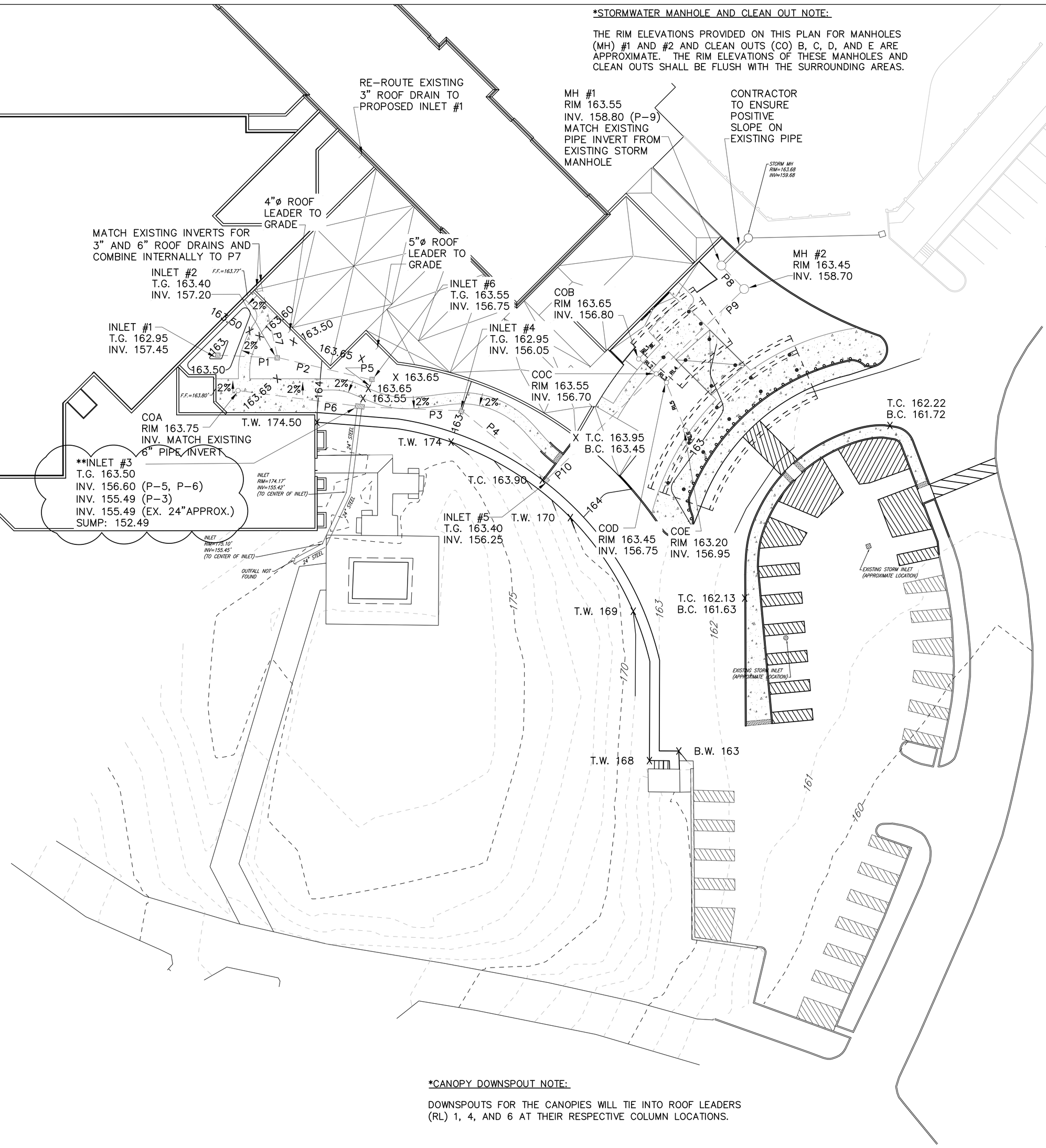
INLET #3 WILL RECEIVE A TYPE 30 F SNOUT OIL AND DEBRIS STOP ON THE 24" STEEL OUTLET PIPE. REFER TO SITE DETAILS.

CURB RAMP BLOW-UPS SCALE: 1"=10'



*STORMWATER MANHOLE AND CLEAN OUT NOTE:

THE RIM ELEVATIONS PROVIDED ON THIS PLAN FOR MANHOLES (MH) #1 AND #2 AND CLEAN OUTS (CO) B, C, D, AND E ARE APPROXIMATE. THE RIM ELEVATIONS OF THESE MANHOLES AND CLEAN OUTS SHALL BE FLUSH WITH THE SURROUNDING AREAS.



STORMWATER PIPE TABLE:

PIPE	DIA(IN)	TYPE	SLOPE(%)	LENGTH(FT)
P1	12	HDPE	1.00	25
P2	12	HDPE	1.07	42
P3	15	HDPE	1.30	43
P4	15	HDPE	0.50	47
P5	12	HDPE	1.25	12
P6	6	HDPE	?	52
P7	3	HDPE	≈6.74	34
P8	15	HDPE	1.00	11
P9	15	HDPE	3.85	52
P10	15	HDPE	0.70	66
RL1	6	HDPE	1.00	7
RL2	6	HDPE	1.11	9
RL3	6	HDPE	1.25	4
RL4	6	HDPE	1.00	12
RL5	6	HDPE	1.00	21
RL6	6	HDPE	1.00	4

STORMWATER STRUCTURE TABLE:

STRUCTURE	TYPE
INLET #1	12"-NYLOPLAST
INLET #2	12"-NYLOPLAST
INLET #3	TYPE T
INLET #4	12" NYLOPLAST
INLET #5	12" NYLOPLAST
INLET #6	12" NYLOPLAST
CO A	METAL (FOR TRAFFIC AREA)
CO B	METAL (FOR TRAFFIC AREA)
CO C	METAL (FOR TRAFFIC AREA)
CO D	METAL (FOR TRAFFIC AREA)
CO E	METAL (FOR TRAFFIC AREA)

PROPOSED LEGEND

- CONCRETE SIDEWALK
- NYLOPLAST DRAIN BASIN
- INLET
- STORM PIPE (VARYING SIZES)
- NO PARKING AREAS
- CURB
- RETAINING WALL
- 163.95 X — SPOT ELEVATION
- T.W. 171 X — TOP OF WALL ELEVATION
- X B.W. 163 — BOTTOM OF WALL ELEVATION
- X T.C. 163.95 / B.C. 163.45 — TOP OF CURB ELEVATION / BOTTOM OF CURB ELEVATION
- CURB RAMP DOMES

*CANOPY DOWNSPOUT NOTE:

DOWNSPOUTS FOR THE CANOPIES WILL TIE INTO ROOF LEADERS (RL) 1, 4, AND 6 AT THEIR RESPECTIVE COLUMN LOCATIONS.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

FULLY SPRINKLERED

Revisions:	Date

Architect/Engineer:

willow design
Architecture
SERVICE DISABLED VETERAN OWNED SMALL BUSINESS

consulting engineers
p.o. box 995, scranton, pa. 18501 570-342-3101
ceco associates inc.

Seal:

COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL ENGINEER — ANTHONY C. BERNARDI — No. PE079024

Drawing Title: GRADING & DRAINAGE	Project Title: Expand and Renovate Urgent Care Area - 15E at Castle Point			Date: March 22, 2013
Scale: 1" = 20'	Building Number: 15	Checked: A.C.B.	Drawn: C.R.S.	Project No.: 13-01-04
Issued For: Final Contract Documents	Location: 100 Route 9D Castle Point, NY 12511			Drawing No.: CG-101