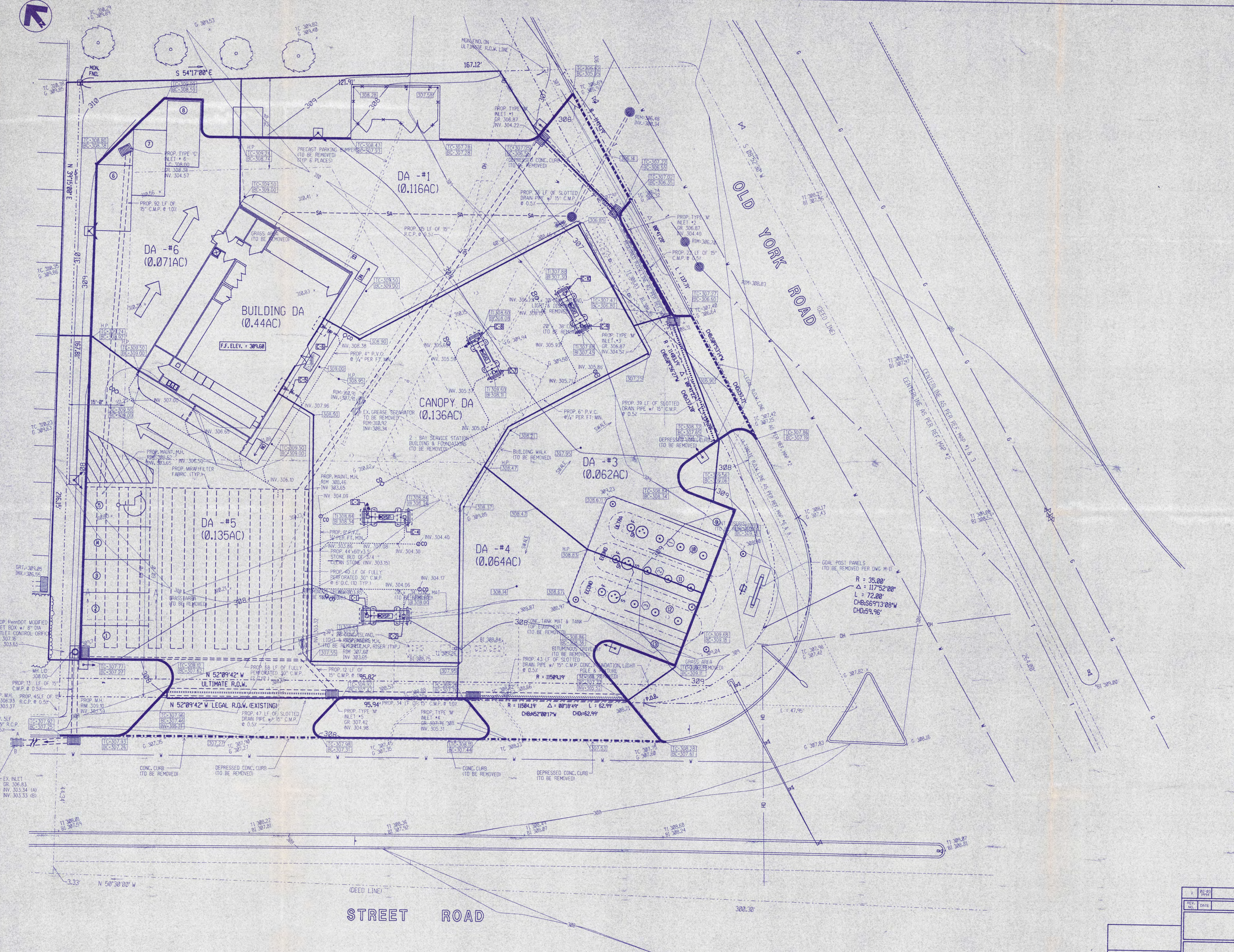
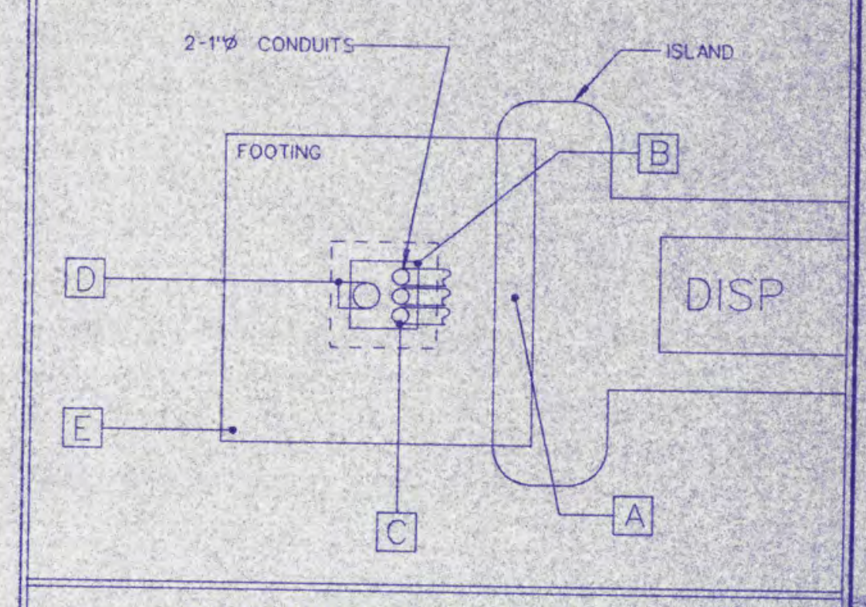

N
MON. FND.
S 54°17'00" E
121.91'
167.12'
MON. FND. ON ULTIMATE R.O.W. LINE
N 39°15'00" E
167.81'
216.15'
44.34'
TC 310.29 G 309.89
G 309.53
TC 309.82 G 309.40
TC 310.38 G 309.85
TC-309.09 BC-308.59
TC-308.80 BC-308.38
PROP. TYPE 'C' INLET # 6 T.C. 308.00 GR. 308.38 INV. 304.57
PROP. 92 LF OF 15" C.M.P. @ 1.0%
H.P. TC-309.24 BC-308.74
PRECAST PARKING BUMPER (TO BE REMOVED) (TYP 6 PLACES)
TC-308.43 BC-307.93
TC-307.78 BC-307.28
308.28
307.58
25'-0"
DA -#1 (0.116AC)
DA -#6 (0.071AC)
BUILDING DA (0.44AC)
F.F. ELEV. = 309.60
CANOPY DA (0.136AC)
DA -#3 (0.062AC)
DA -#4 (0.064AC)
DA -#5 (0.135AC)
TC-309.50 BC-309.00
GRASS AREA (TO BE REMOVED)
PROP. 115 LF OF 15" R.C.P. @ 0.5%
PROP. TYPE 'M' INLET #1 GR. 306.87 INV. 304.22
TC-307.05 BC-306.55
DEPRESSED CONC. CURB (TO BE REMOVED)
PROP. 36 LF OF SLOTTED DRAIN PIPE w/ 15" C.M.P. @ 0.5%
TC-306.82 BC-305.95
TC 306.69 G 305.97
RIM=306.48 INV.=300.34
306.14
TC-307.22 BC-306.55
TC-307.02 BC-306.35
TC 306.74 G 306.32
PROP. TYPE 'M' INLET #2 GR. 306.87 INV. 304.40
RIM=306.70
PROP. 22 LF OF 15" C.M.P. @ 0.5%
RIM=308.83
REQUIRED R.O.W. LINE AS PER REF. MAP
L : 137.71'
Δ : 00°41'28"
R : 11403.19'
CHB:S09°56'27"W
CHD:137.20'
CHB:S09°53'14"W
CHD:137.71'
TC-307.27 BC-306.60
TC-307.40 G 306.64
306.90
307.25
OLD YORK ROAD
S 08°52'30" W
(DEED LINE)
LEGAL R.O.W. LINE
ULTIMATE R.O.W. LINE AS PER REF. MAP #6 & 8
AS PER REF. MAP #2
CENTERLINE AS PER REF. MAP #1 & 3
CENTERLINE AS PER REF. MAP #2
TI 308.27 BI 307.96
TI 308.70 BI 307.97
TI 309.08 BI 308.52
BI 309.00
264.00'
TC 307.42 G 307.15
TC-307.86 BC-307.19
TC-308.32 BC-307.65 INV.-304.71
TC-309.56 BC-309.06
TC-308.84 BC-308.34
TC 308.17 G 307.43
VENT RISER(S) (TO BE REMOVED)
TC-309.68 BC-309.18
GOAL POST PANELS (TO BE REMOVED PER DWG M-1)
R = 35.00' Δ = 117°52'00" L = 72.00' CHB:S69°13'08"W CHD:59.96'
TC 307.98 G 307.42
G 307.82
G 307.83
G 308.16
L = 47.95'
P.O.B.
GRASS AREA (TO BE REMOVED)
CONC. TANK MAT & TANK TOP EQUIPMENT (TO BE REMOVED)
BITUMINOUS DRIVEWAY (TO BE REMOVED)
TC-308.86 BC-308.36
PROP. 43 LF OF SLOTTED DRAIN PIPE w/ 15" C.M.P. @ 0.5%
CONC. FOUNDATION, LIGHT POLE & FIXTURE (TO BE REMOVED)
R = 11509.19'
R = 11504.19' Δ = 00°18'49" L = 62.99' CHB:N52°00'17"W CHD:=62.99'
ULTRA
ECONO
SP
TI 307.88 BI 307.30
C-10
C-9
C-8
C-7
TI 308.60 BI 308.08
TC-307.47 BC-306.80
20' x 38' CONC. ISLAND, LIGHT & DISPENSERS (TO BE REMOVED)
PROP. TYPE 'M' INLET #3 GR. 306.87 INV. 304.51
TI 307.88 BI 307.45
TI 309.60 BI 308.11
PROP. 6" P.V.C. @ 1/4" PER FT. MIN.
PROP. 39 LF OF SLOTTED DRAIN PIPE w/ 15" C.M.P. @ 0.5%
SWALE
BUILDING WALK (TO BE REMOVED)
2 - BAY SERVICE STATION BUILDING & FOUNDATIONS (TO BE REMOVED)
EX. GREASE SEPARATOR TO BE REMOVED RIM=310.92 INV=308.34
PROP. 4" P.V.C. @ 1/4" PER FT. MIN.
INV. 308.38
C-6
C-5
RIM=310.91 INV.=307.91
INV. 307.96
PROP. MAINT. M.H. RIM 308.62 INV. 303.65
PROP. MIRAFI FILTER FABRIC (TYP.)
PROP. MAINT. M.H. RIM 308.46 INV 303.65
INV. 304.09
C-3
C-4
TI 308.84 BI 308.34
DISP
PROP. 8" P.V.C. 1/4" PER FT. MIN.
INV. 303.86
INV. 307.08
PROP. 44'x60'x3.5' STONE BED OF 3/4" CLEAN STONE (INV. 303.15)
PROP. 40 LF OF FULLY PERFORATED 30" C.M.P. @ 6' O.C. (10 TYP.)
C-1
C-2
TI 308.45 BI 307.73
4' x 28' CONC. ISLAND, LIGHT & DISPENSERS (TO BE REMOVED)
PROP. 24" C.M.P. RISER (TYP.)
RIM 307.60 INV 303.65
GRT.=309.05 INV.=306.55
PROP. PennDOT MODIFIED INLET BOX w/ 8" DIA OUTLET CONTROL ORIFICE GR. 307.16 INV. 303.65
MH. LID 308.00
PROP. 13 LF OF 15" C.M.P. @ 0.5%
PROP. M.H. RIM 306.93 INV. 303.37
PROP. 45LF OF 15" R.C.P. @ 0.5%
PROP. M.H. RIM 309.10 INV. 303.59
PROP. 5LF OF 15" R.C.P. @ 0.5%
TC-307.77 BC-307.27
TC-307.92 BC-307.25
TC-308.12 BC-307.62
TC-307.96 BC-307.46 INV-305.21
N 52°09'42" W
ULTIMATE R.O.W.
N 52°09'42" W LEGAL R.O.W. (EXISTING)
PROP. 58 LF OF FULLY PERFORATED 30" C.M.P. (2 TYP.)
PROP. 47 LF OF SLOTTED DRAIN PIPE w/ 15" C.M.P. @ 0.5%
PROP. 12 LF OF 15" C.M.P. @ 1%
95.82'
95.94'
TC-309.92 BC-307.42
PROP. 34 LF OF 15" C.M.P. @ 1.0%
PROP. TYPE 'M' INLET #5 GR. 307.42 INV. 304.98
PROP. TYPE 'M' INLET #4 GR. 307.76 308 INV. 305.31
TC-307.93 BC-307.26
TC-307.98 BC-307.31
TC-308.11 BC-307.44
TC-308.28 BC-307.61
TC-308.26 BC-307.76
TC-308.27 BC-307.77 INV-305.52
EX. INLET GR. 306.83 INV. 303.34 (A) INV. 303.33 (B)
CONC. CURB (TO BE REMOVED)
DEPRESSED CONC. CURB (TO BE REMOVED)
TI 308.01 BI 307.59
TI 308.22 BI 307.81
TI 308.36 BI 307.92
TI 308.44 BI 308.07
TI 308.68 BI 308.24
TI 309.07 BI 308.81
3.33'
N 50°30'00" W
(DEED LINE)
STREET ROAD
300.30'

COLUMN NUMBER	A ELEVATION AT TOP OF ISLAND	B ELEVATION OF MAT/WALK AT COLUMN	C ELEVATION AT CENTER OF CONDUIT	D ELEVATION AT CENTER OF DRAIN	E ELEVATION TOP OF COLUMN FOUNDATION
C-1	308.45	307.73	N/A	306.73	305.30
C-2	308.45	308.00	N/A	307.00	305.30
C-3	308.45	308.34	307.59	307.34	305.30
C-4	308.45	308.34	N/A	307.34	305.30
C-5	N/A	309.53	N/A	308.53	305.30
C-6	N/A	309.53	N/A	308.53	305.30
C-7	308.60	308.11	N/A	307.11	305.30
C-8	308.60	308.08	307.33	307.08	305.30
C-9	307.88	307.45	N/A	306.45	305.30
C-10	307.88	307.30	N/A	306.30	305.30


2-1"Ø CONDUITS
ISLAND
FOOTING
B
D
DISP
E
C
A

NOTE: THIS DIAGRAM IS SHOWN SCHEMATICALLY. FOR TRUE DIRECTION OF CONDUIT AND DRAINS, SEE PLOT PLAN.

NOTES:

1. CONTRACTOR SHALL TRIM ALL EXISTING TREES & SHRUBS WITHIN FACILITY AREA (NOT ALL SHRUBS ON ENTIRE SITE).
2. CONTRACTOR SHALL TRY TO SALVAGE ALL TREES AND SHRUBS TO BE REMOVED. THEY ARE TO BE USED IN NEW LANDSCAPED AREAS.
3. CONTRACTOR SHALL FILL & GRADE SITE WITH ENGINEER APPROVED MATERIAL TO 98% COMPACTION (APPROX. 1740 Cu Yd. REQ'D)

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.
1	02-03 1994	REVISED PER NEW SURVEY	TRH		

SUN COMPANY, INC. (R&M)
Facilities & Distribution Department
Philadelphia, PA

LOCATION: STREET & OLD YORK RDS
WARMINSTER, PA

PROJECT NO. 10187

GRADING & UTILITY PLAN
PROPOSED IMPROVEMENTS

SCALE 1"=10'-0"

APPROVED
CHECKED
DRAWN R. HICKMAN
DATE 02-03-94

FACILITY NO. 0363-5430

DRAWING NO. G-1

REV. NO. 1

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