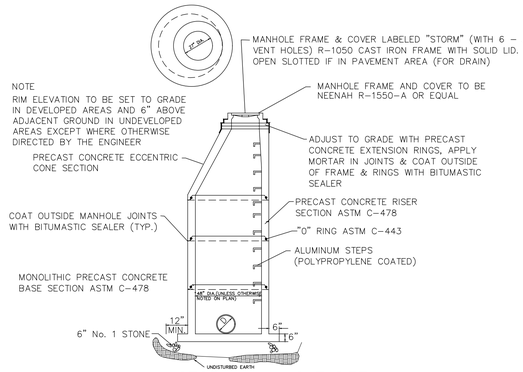
DOWNSPOUT INFOMATION	
DS #	LEADER LENGTH
DS1	40
DS2	8
DS3	7
DS4	10
DS5	10
DS6	8
DS7	12
DS8	12
DS9	23
DS10	39
DS11	8
DS12	8
DS13	8
DS14	8
DS15	8
DS16	8
DS17	8
DS18	8
DS19	8
DS20	9
DS21	11
DS22	11
DS23	9
DS24	11
DS25	11
DS26	5
DS27	17
DS28	17
DS29	13
DS30	3
DS31	41
DS32	35
DS33	26
DS34	26
DS35	32
DS36	23
DS37	19
DS38	15

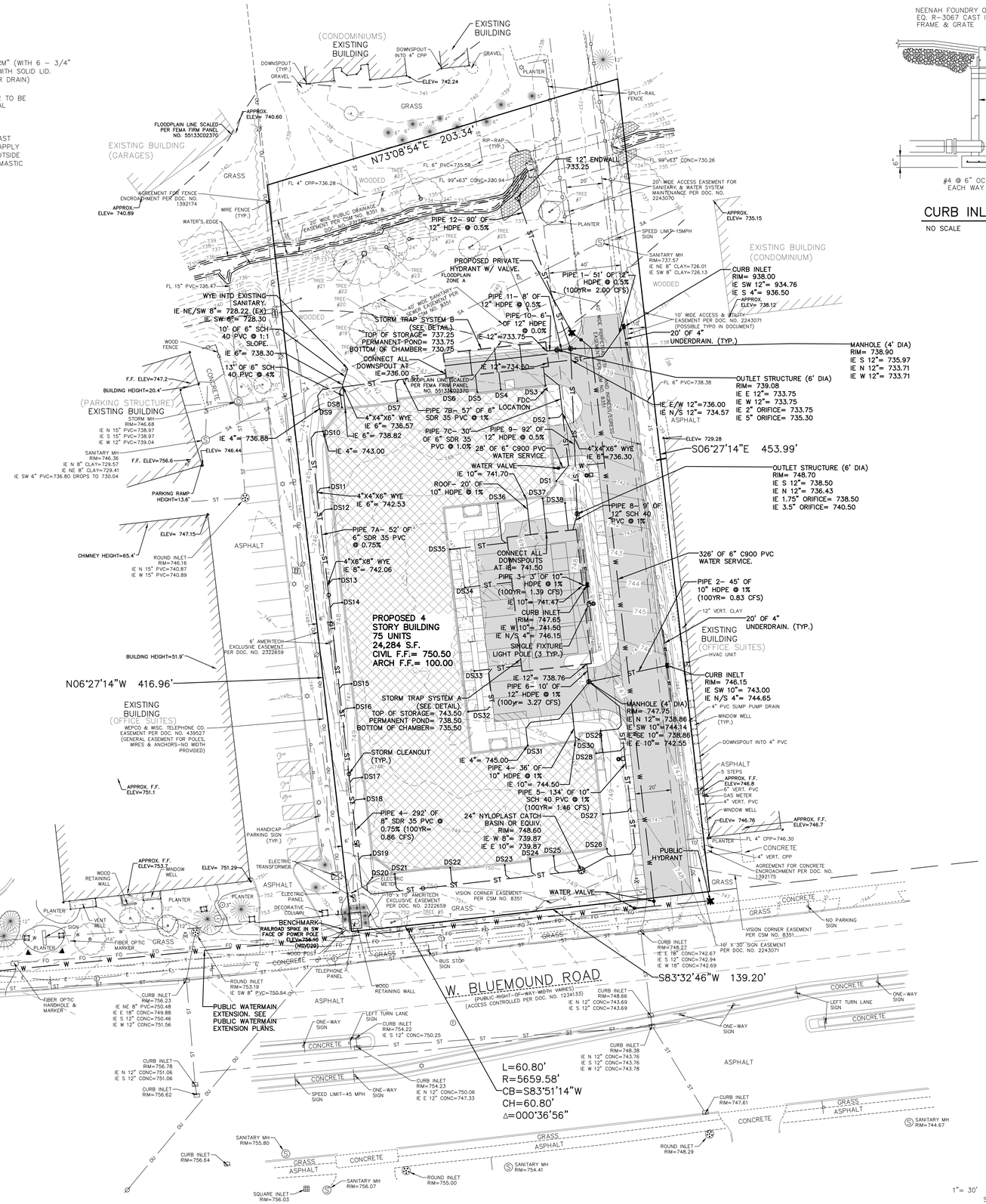
NOTE:
ALL DOWNSPOUTS LEADERS TO BE 4" SDR 35 PVC PLACED AT 1% SLOPE. WYE DOWNSPOUT INTO DOWNSPOUT COLLECTOR PIPE. TEE DOWNSPOUT INTO UNDERGROUND DETENTION SYSTEM. ALL DOWNSPOUTS TO BE CONNECT TO THE DOWNSPOUT LEADER ABOVE GRADE.

NOTE:
VERIFY ALL STORM, SANITARY, AND WATER LATERAL SIZES AND LOCATIONS WITH INTERIOR PLUMBING PLANS.



STORM MANHOLE DETAIL

NO SCALE


N73°08'54"E 203.34'
N06°27'14"W 416.96'
S06°27'14"E 453.99'
S83°32'46"W 139.20'
L=60.80'
R=5659.58'
CB=S83°51'14"W
CH=60.80'
Δ=000°36'56"
W. BLUEMOUND ROAD
(PUBLIC RIGHT-OF-WAY WIDTH VARIES)
(ACCESS CONTROLLED PER DOC. NO. 1234133)
PROPOSED 4 STORY BUILDING 75 UNITS 24,284 S.F. CIVIL F.F.= 750.50 ARCH F.F.= 100.00
EXISTING BUILDING (CONDOMINIUMS)
EXISTING BUILDING (GARAGES)
EXISTING BUILDING (PARKING STRUCTURE)
EXISTING BUILDING (OFFICE SUITES)
EXISTING BUILDING (CONDOMINIUM)
PUBLIC WATERMAIN EXTENSION. SEE PUBLIC WATERMAIN EXTENSION PLANS.
BENCHMARK
RAILROAD SPIKE IN SW FACE OF POWER POLE ELEV=758.46 (NGVD29)
STORM TRAP SYSTEM A (SEE DETAIL) TOP OF STORAGE= 743.50 PERMANENT POND= 738.50 BOTTOM OF CHAMBER= 735.50
STORM TRAP SYSTEM B (SEE DETAIL) TOP OF STORAGE= 737.25 PERMANENT POND= 733.75 BOTTOM OF CHAMBER= 730.75
PROPOSED PRIVATE HYDRANT W/ VALVE.
24" NYLOPLAST CATCH BASIN OR EQUIV. RIM= 748.60 IE W 8"= 739.87 IE E 10"= 739.87
MANHOLE (4' DIA) RIM= 938.00 IE SW 12"= 934.76 IE S 4"= 936.50
MANHOLE (4' DIA) RIM= 738.90 IE S 12"= 735.97 IE N 12"= 733.71 IE W 12"= 733.71
OUTLET STRUCTURE (6' DIA) RIM= 739.08 IE E 12"= 733.75 IE W 12"= 733.75 IE 2" ORIFICE= 733.75 IE 5" ORIFICE= 735.30
OUTLET STRUCTURE (6' DIA) RIM= 748.70 IE S 12"= 738.50 IE N 12"= 736.43 IE 1.75" ORIFICE= 738.50 IE 3.5" ORIFICE= 740.50
MANHOLE (4' DIA) RIM= 747.75 IE N 12"= 738.86 IE SW 10"= 744.14 IE SE 10"= 738.86 IE E 10"= 742.55
CURB INLET RIM= 746.15 IE SW 10"= 743.00 IE N/S 4"= 744.65
CURB INLET RIM= 747.65 IE W 10"= 741.50 IE N/S 4"= 746.15
CURB INLET RIM= 746.76 IE S 12"= 738.50 IE N 12"= 736.43 IE 1.75" ORIFICE= 738.50 IE 3.5" ORIFICE= 740.50
PUBLIC HYDRANT
WATER VALVE
BUILDING HEIGHT=51.9'
BUILDING HEIGHT=20.4'
BUILDING HEIGHT=13.6'
CHIMNEY HEIGHT=65.4'
APPROX. F.F. ELEV=751.1
APPROX. F.F. ELEV=753.7
APPROX. F.F. ELEV=746.8
APPROX. F.F. ELEV=746.7
APPROX. F.F. ELEV=735.15
APPROX. F.F. ELEV=738.12
FLOODPLAIN LINE SCALED PER FEMA FIRM PANEL NO. 55133C0237D
6' AMERITECH EXCLUSIVE EASEMENT PER DOC. NO. 2322659
WEPCO & WSC TELEPHONE CO. EASEMENT PER DOC. NO. 439527 (GENERAL EASEMENT FOR POLES, WIRES & ANCHORS-NO WIDTH PROVIDED)
20' WIDE ACCESS EASEMENT FOR SANITARY & WATER SYSTEM MAINTENANCE PER DOC. NO. 2243070
10' WIDE ACCESS & UTILITY EASEMENT PER DOC. NO. 2243071 (POSSIBLE TYPO IN DOCUMENT)
40' WIDE SANITARY SEWER EASEMENT PER CSM NO. 8351
50' WIDE PUBLIC DRAINAGE EASEMENT PER CSM NO. 8351
VISION CORNER EASEMENT PER CSM NO. 8351
40' X 30' SIGN EASEMENT PER DOC. NO. 2243071
AGREEMENT FOR FENCE ENCROACHMENT PER DOC. NO. 1392174
AGREEMENT FOR CONCRETE ENCROACHMENT PER DOC. NO. 1392175
326' OF 6" C900 PVC WATER SERVICE.
20' OF 4" UNDERDRAIN. (TYP.)
PIPE 12– 90' OF 12" HDPE @ 0.5%
PIPE 1– 51' OF 12" HDPE @ 0.5% (100YR= 2.00 CFS)
PIPE 11– 8' OF 12" HDPE @ 0.5%
PIPE 10– 6' OF 12" HDPE @ 0.0%
PIPE 7B– 57' OF 6" SDR 35 PVC @ 1%
PIPE 7C– 30' OF 6" SDR 35 PVC @ 1.0%
PIPE 9– 92' OF 12" HDPE @ 0.5%
28' OF 6" C900 PVC WATER SERVICE.
PIPE 8– 9' OF 12" SCH 40 PVC @ 1%
PIPE 7A– 52' OF 6" SDR 35 PVC @ 0.75%
ROOF– 20' OF 10" HDPE @ 1%
PIPE 3– 3' OF 10" HDPE @ 1% (100YR= 1.39 CFS)
PIPE 2– 45' OF 10" HDPE @ 1% (100YR= 0.83 CFS)
PIPE 6– 10' OF 12" HDPE @ 1% (100yr= 3.27 CFS)
PIPE 4– 36' OF 10" HDPE @ 1%
PIPE 5– 134' OF 10" SCH 40 PVC @ 1% (100YR= 1.46 CFS)
PIPE 4– 292' OF 8" SDR 35 PVC @ 0.75% (100YR= 0.86 CFS)
WYE INTO EXISTING SANITARY. IE NE/SW 8"= 728.22 (EX) IE SW 6"= 728.30
10' OF 6" SCH 40 PVC @ 1:1 SLOPE. IE 6"= 738.30
13' OF 6" SCH 40 PVC @ 4%
CONNECT ALL DOWNSPOUT AT IE=736.00
CONNECT ALL DOWNSPOUTS AT IE= 741.50
SINGLE FIXTURE LIGHT POLE (3 TYP.)
STORM CLEANOUT (TYP.)
IE 12" ENDWALL 733.25
IE 12"=733.75
IE 12"=734.50
IE 4"= 736.88
IE 4"= 743.00
IE 6"= 736.57
IE 6"= 738.82
IE 6"= 742.53
IE 6"= 742.06
IE 6"= 736.30
IE 12"= 738.76
IE 4"= 745.00
IE 10"= 744.50
IE 10"= 741.47
IE W 8"= 739.87
IE E 10"= 739.87
IE E/W 12"=736.00
IE N/S 12"= 734.57
IE 12"= 733.75
IE 10"= 741.70
IE 4"= 736.36
IE 4"= 746.44
IE 4"= 746.76
IE 4"= 746.7
ELEV= 742.24
ELEV= 740.60
ELEV= 740.89
ELEV= 747.15
ELEV= 751.29
ELEV= 729.28
ELEV= 746.76
ELEV= 746.7
ELEV= 747.2
ELEV= 756.6
ELEV= 753.7
ELEV= 751.1
ELEV= 758.46
ELEV= 738.12
ELEV= 735.15
ELEV= 746.8
ELEV= 746.7
ELEV= 746.76
ELEV= 746.7