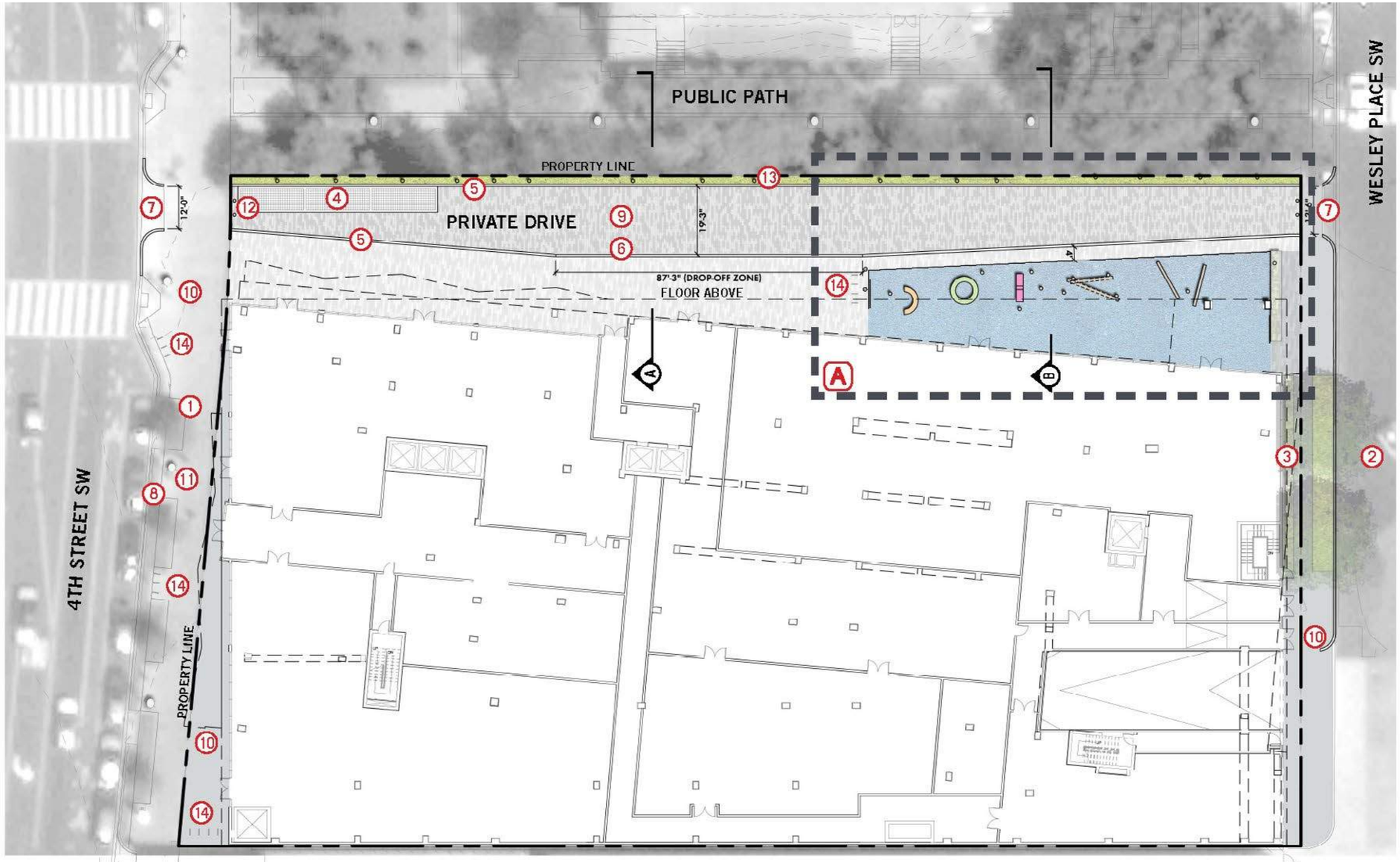
Landscape Exhibits

Landscape Ground Floor Key Plan



ENLARGEMENT

- A PRIVATE DRIVEWAY
- B COURTYARD

LANDSCAPE ELEMENTS

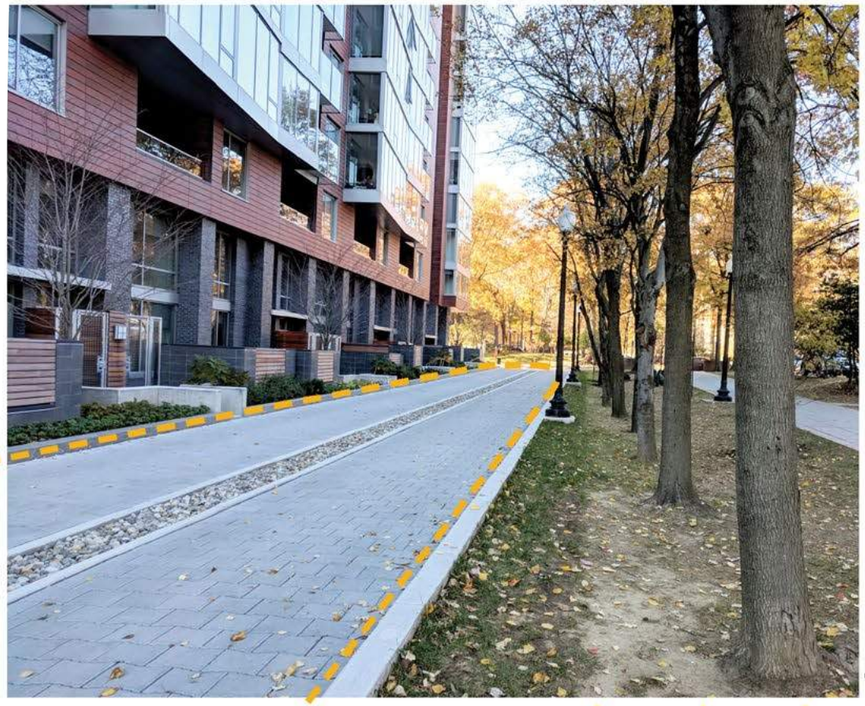
1. EXISTING TREE PIT
2. PROPOSED CANOPY TREE
3. PROPOSED PLANTING BED
4. TRANSFORMER GRATES
5. RAISED CURB
6. FLUSH CURB
7. EXISTING CURB CUT
8. EXISTING SPECIAL PAVING STRIP
9. PERMEABLE PAVERS
10. CIP CONCRETE WALK (DC STANDARD)
11. EXISTING POLE LIGHT
12. PROPOSED REMOVABLE BOLLARDS
13. PROPOSED SCULPTURAL POLES
14. PROPOSED BIKE RACKS

0 16 32 48 64

NOTES

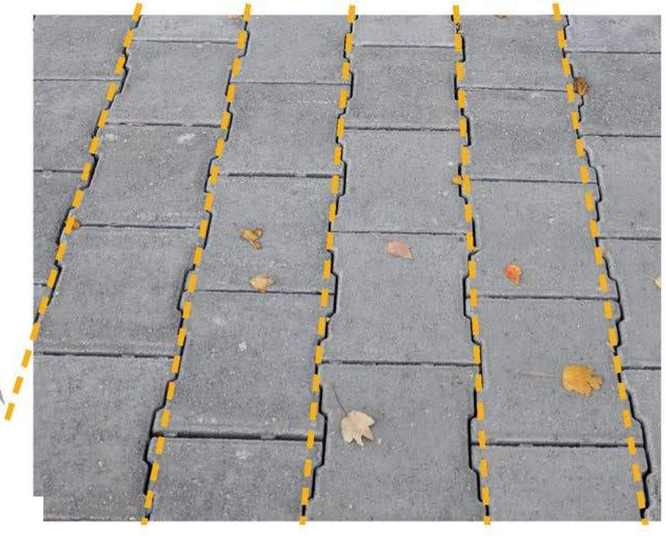
- Location and layout of play equipment within the play area designated above is conceptual only and subject to move and further refinement

TORTI GALLAS URBAN



THE ELIOT

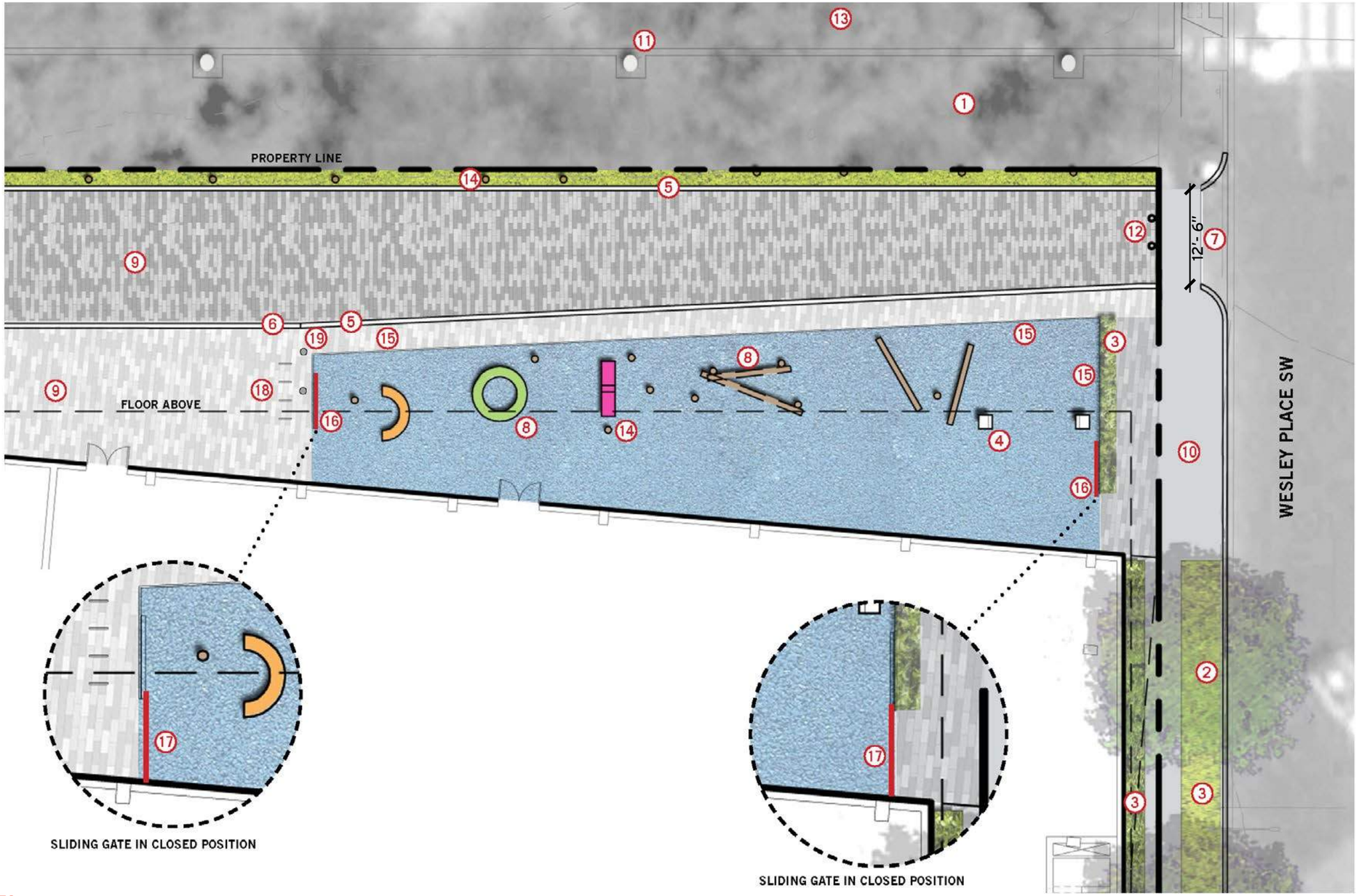
Permeable concrete unit paver laid out in linear rows



NE PARCEL

Permeable concrete unit paver laid out in linear rows

Private Driveway Enlargement



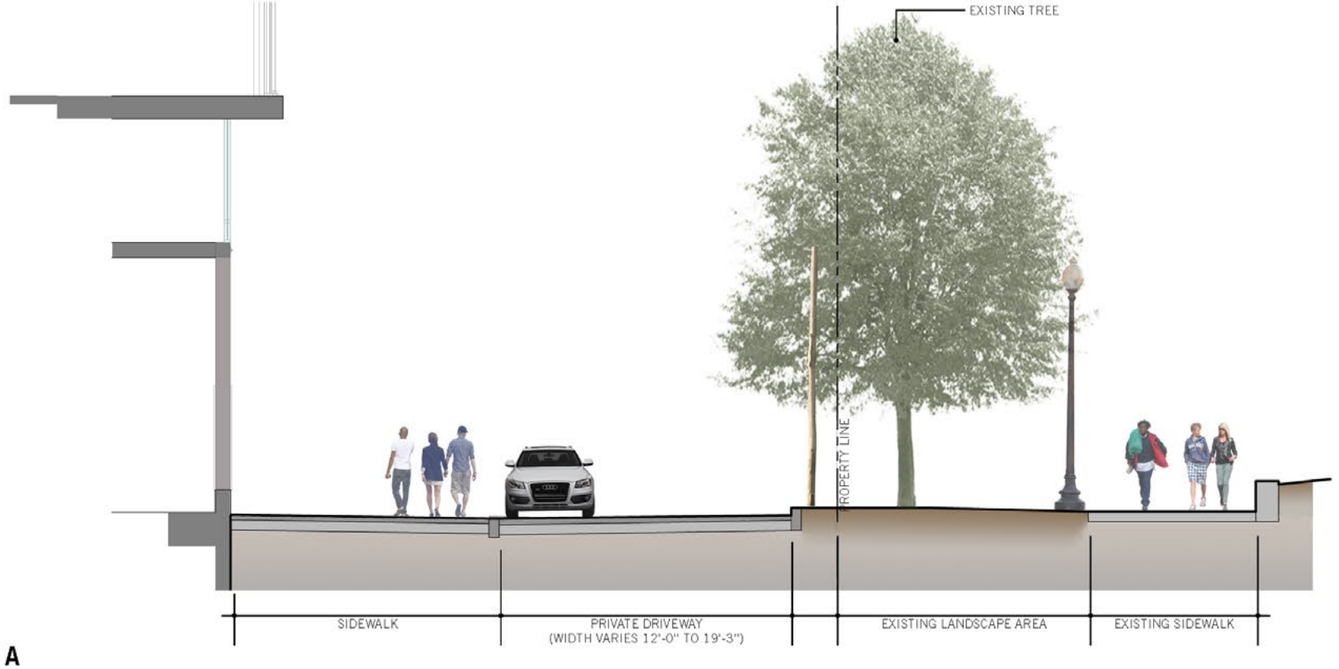
LANDSCAPE ELEMENTS

1. EXISTING TREES (OUTSIDE PROPERTY LINE)
2. PROPOSED CANOPY TREE
3. PROPOSED PLANTING BED
4. BUILDING COLUMN
5. RAISED CURB
6. FLUSH CURB
7. EXISTING CURB CUT
8. CUSTOM PLAY ELEMENTS
9. PERMEABLE PAVERS
10. CIP CONCRETE WALK (DC STANDARD)
11. EXISTING POLE LIGHT
12. PROPOSED REMOVABLE BOLLARDS
13. EXISTING PATH
14. PROPOSED SCULPTURAL POLES
15. DECORATIVE, REINFORCED 60" HT. FENCE
16. DECORATIVE 60" SLIDING GATE (SHOWN IN OPEN POSITION)
17. DECORATIVE 60" SLIDING GATE (SHOWN IN CLOSED POSITION)
18. PROPOSED BIKE RACKS
19. PROPOSED PERMANENT BOLLARDS

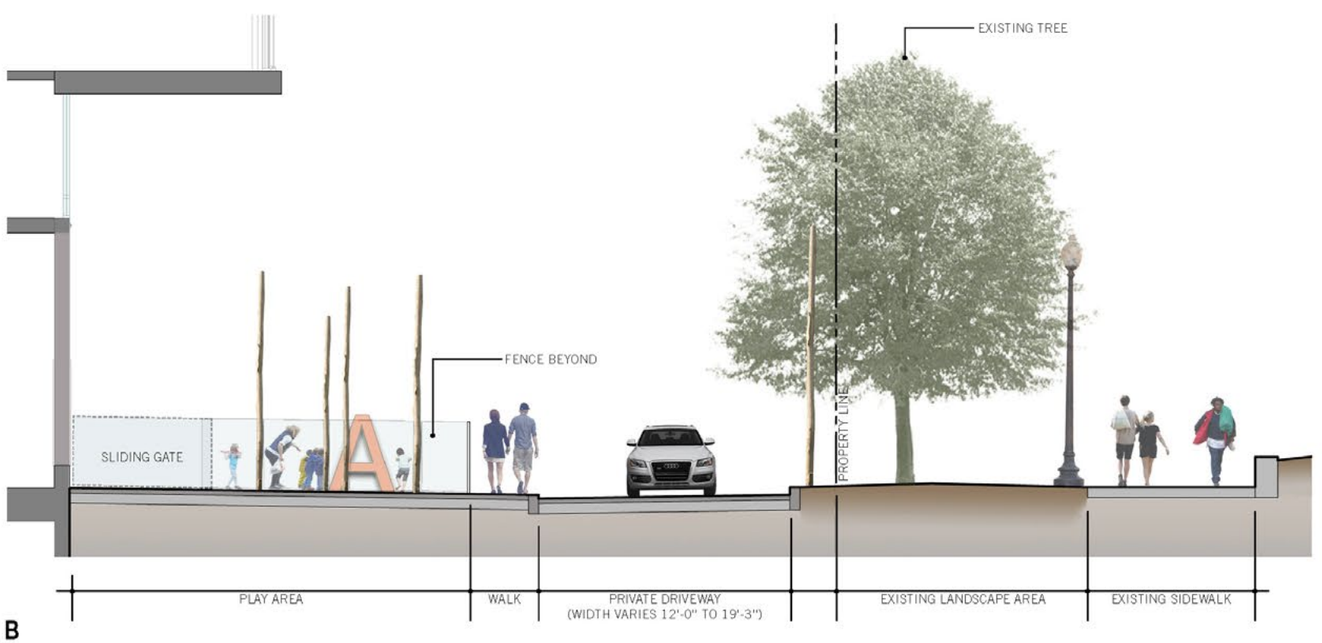
NOTES

- Location and layout of play equipment within the play area designated above is conceptual only and subject to move and further refinement

TORTI GALLAS URBAN



SECTION A



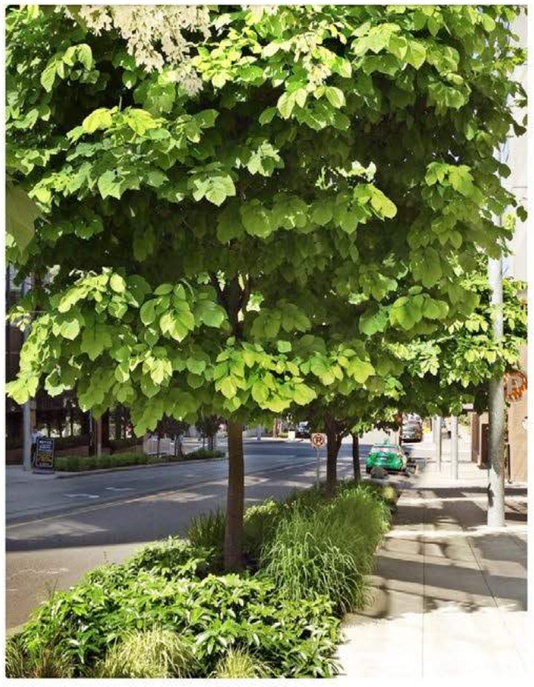
SECTION B

Private Driveway: Reference Images and Materials

SCULPTURAL POLES

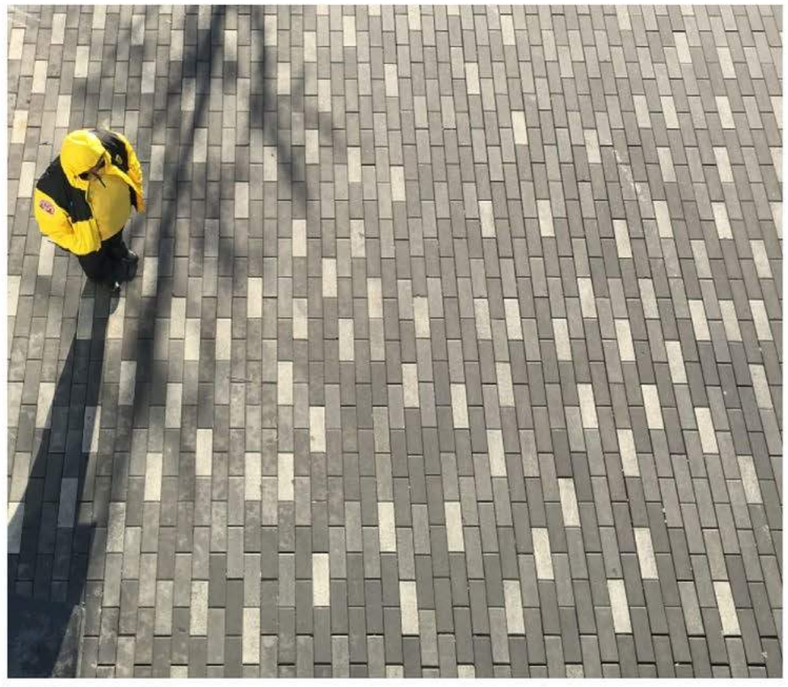
CUSTOM PLAY ELEMENTS

BOLLARDS



PLANTING BED WITH CANOPY TREES

WILLOW OAK CANOPY TREE

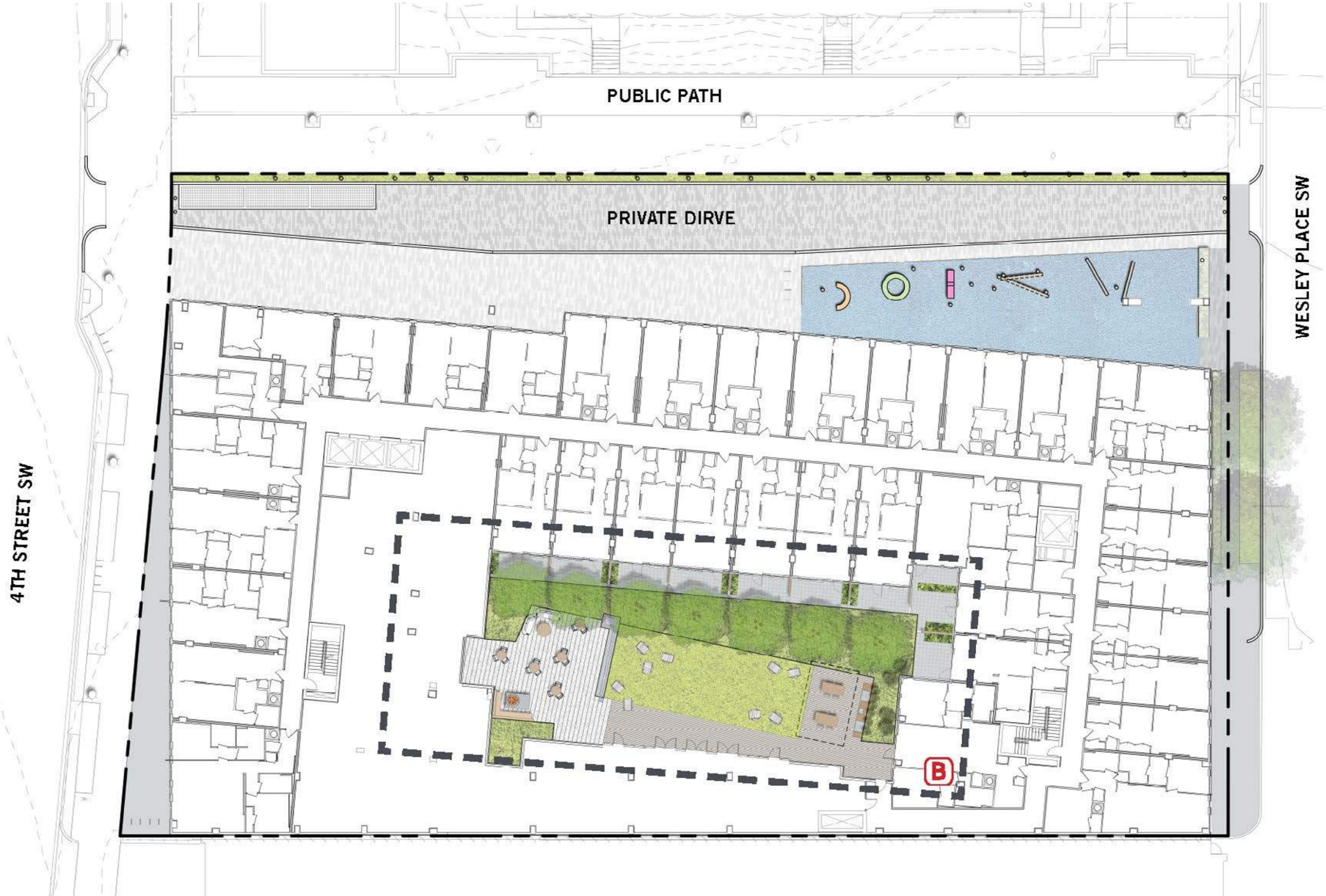


PERMEABLE PAVERS

DECORATIVE FENCE AND SLIDING GATES

STONE CURB

Landscape Second Floor Courtyard Key Plan



NOTES

- Location and layout of play equipment within the play area designated above is conceptual only and subject to move and further refinement

Courtyard Enlargement

LANDSCAPE ELEMENTS

1. PERGOLA
2. ORNAMENTAL TREE
   Sweetbay Magnolia or similar
3. RAISED PLANTER W/ SHRUBS
4. ARTIFICIAL TURF
5. LOW PLANTING
6. FIRE FEATURE TABLE
7. CAFE TABLES & CHAIRS
8. CUSTOM WOOD BENCH
9. WATER FEATURE & SEAT WALL
10. PRIVACY FENCE
11. PRECAST CONCRETE PAVERS
12. STONE PAVERS
13. OUTDOOR KITCHEN & GRILLS
14. 18-24" STEEL RETAINING WALL
15. LOOSE FURNISHINGS
16. WOOD DECKING

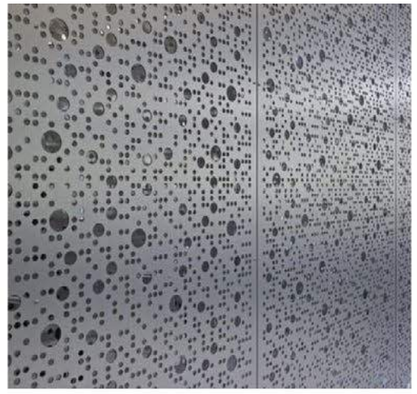
NOTES

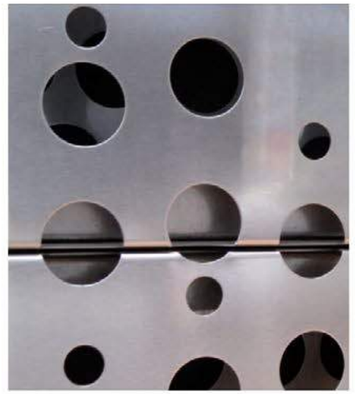
- Location and layout of play equipment within the play area designated above is conceptual only and subject to move and further refinement

Courtyard: Materials and Plantings


PRECAST PAVERS


STONE PAVERS


SCULPTURAL SCREEN


SCULPTURAL SCREEN DETAIL

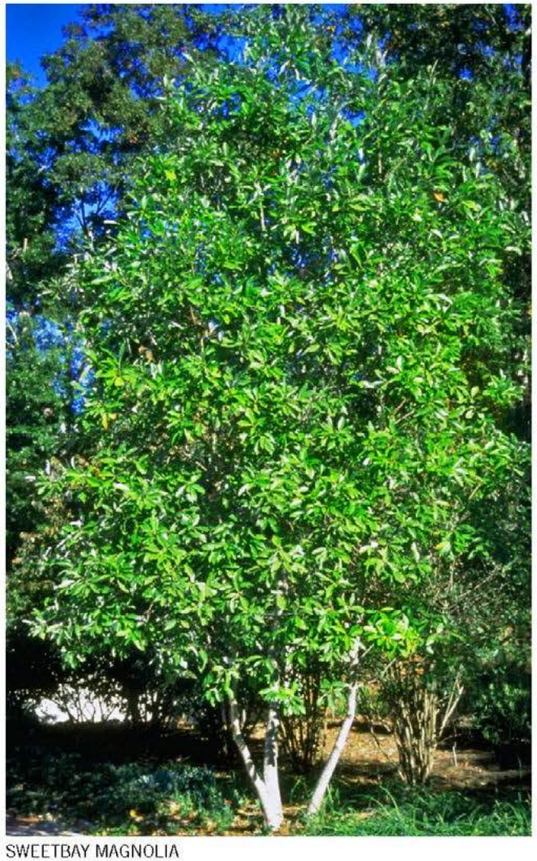

PRIVACY SCREEN

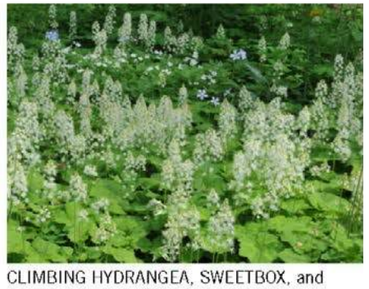

CAFE TABLES AND CHAIRS

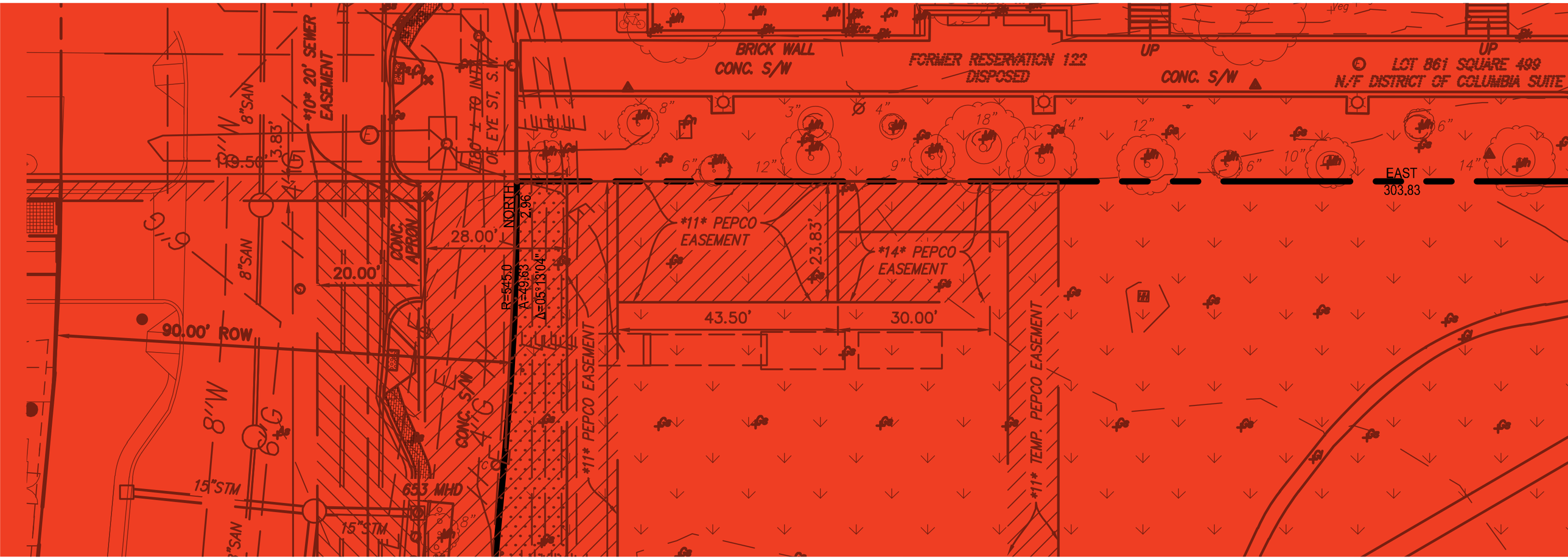

STEEL RETAINING WALLS


WATER FEATURE AND SCUPPER DETAIL


YELLOWWOOD TREE (top), CAREX GROUNDCOVER MIXED WITH ALLIUM


SWEETBAY MAGNOLIA


CLIMBING HYDRANGEA, SWEETBOX, and FOAM FLOWER (top to bottom)



TORTI GALLAS URBAN

Civil Exhibits

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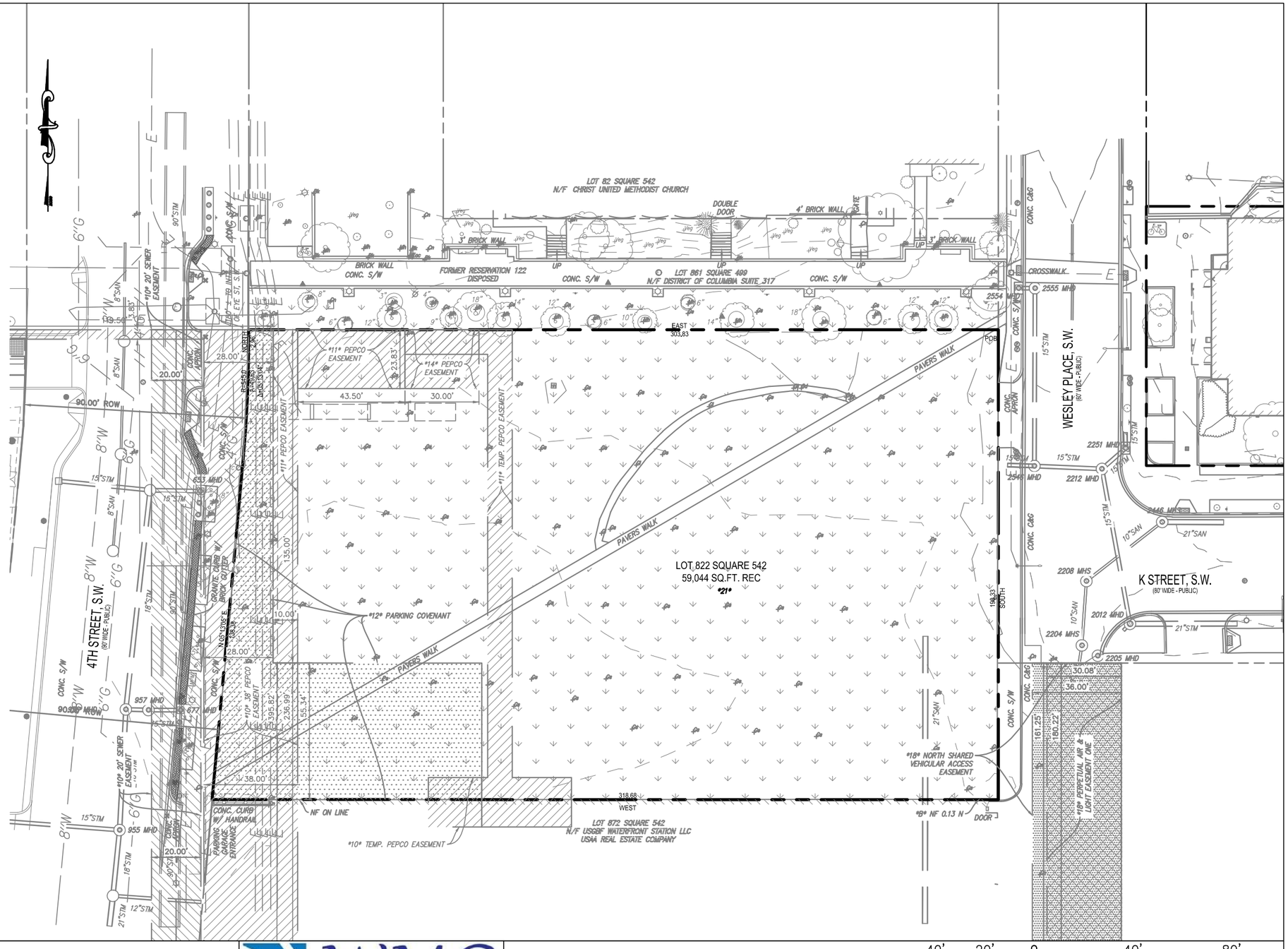
LEGEND

As	ASPHALT
Bk	BRICK
Cn	CONCRETE
Exc	EXPOSED AGGREGATE CONCRETE
Gd	GROUND
Gr	GRANITE
Gl	GRAVEL
Gs	GRASS
Mh	MULCH
Ps	PAVERS
Veg	VEGETATION
	SHRUB
	CONIFEROUS TREE
	DECIDUOUS TREE
	BIKE RACK
TC	TRASH CAN
	MULTI-PARKING METER
	HAND HOLE
	WALL LIGHT
	DRAINAGE MANHOLE
	ELECTRIC MANHOLE
	SEWER MANHOLE
	UTILITY POLE
	COBRA LIGHT POLE
	GLOBE LIGHT POLE
	DOUBLE DOOR
	DOOR
	MONUMENT FOUND CHISELED X
	MONUMENT FOUND IRON PIPE
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND WATER
	UNDERGROUND STORM/SEWER
	FENCE LINE
	HAND RAIL
	PROPERTY LINE
TC	TOP OF CURB
FL	FLOWLINE
TW	TOP OF WALL
BW	BOTTOM OF WALL
S/W	SIDEWALK
N/F	NOW AND/OR FORMERLY
FF	FINISHED FLOOR
C&G	CURB AND GUTTER
CONC.	CONCRETE
TYP.	TYPICAL
SAN.	SANITARY SEWER
STM.	STORM SEWER
CLF	CHAIN LINK FENCE
WIF	WROUGHT IRON FENCE
rec	RECORD
mst	MEASUREMENT

Structure Table	
Structure Name	Structure Details
2012 MHD	RIM = 13.28 15" INV IN = 4.76 N 12" INV IN = 8.04 SW 21" INV OUT = 2.67 E
2205 MHD	RIM = 13.02
2212 MHD	RIM = 13.43 15" INV IN = 5.87 W 15" INV IN = 8.68 NE 15" INV OUT = 5.55 S
2251 MHD	RIM = 13.91 15" INV IN = 10.54 N 15" INV OUT = 9.30 SW
2546 MHD	RIM = 13.79 15" INV IN = 6.64 N 15" INV IN = 7.75 W 15" INV OUT = 6.47 E
2554 MHD	RIM = 14.76
2555 MHD	RIM = 14.39

UNDERGROUND UTILITY RECORDS SHOWN:

UTILITY	SOURCE	DATE:
SEWER: WASA PANEL:	OS B-5-S.W.	7-6-70
WATER: WASA PANEL:	OW B-5-S.W.	6-10-92
ELECTRIC: PEPCO	NO LABEL	7-10-2017
GAS: WASHINGTON GAS	WG-875	7-5-2016
OCTO DCNET FIBER:	NO LABEL	7-6-2017
COMMUNICATION: VERIZON	MAP:#18,GRID B-4 CONDUIT SW 42	7-26-2017
COMMUNICATION: MCI	REPORTED NONE	7-6-2017
COMMUNICATION: COMCAST	NO LABEL	7-7-2017



40' 20' 0 40' 80'

1" = 40'

WATERFRONT STATION

1000 4TH STREET, S.W.
WASHINGTON, DC

WMC DC
WILES MENSCH CORPORATION-DC

EXISTING CONDITIONS

PN HOFFMAN ARCHITECTS

Washington, D.C.

2018 JANAURY 18

PUD SUBMISSION

SCALE: 1"=40'

CIV0101

DUST CONTROL NOTES:

1. THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
2. THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
3. THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
4. THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
5. FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
   A. APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE;
   B. ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER;
   C. DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8 K PA) MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
6. FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
   A. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES;
   B. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
   C. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND SITE BOUNDARIES.
7. APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
8. LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
9. APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND SITE BOUNDARIES.

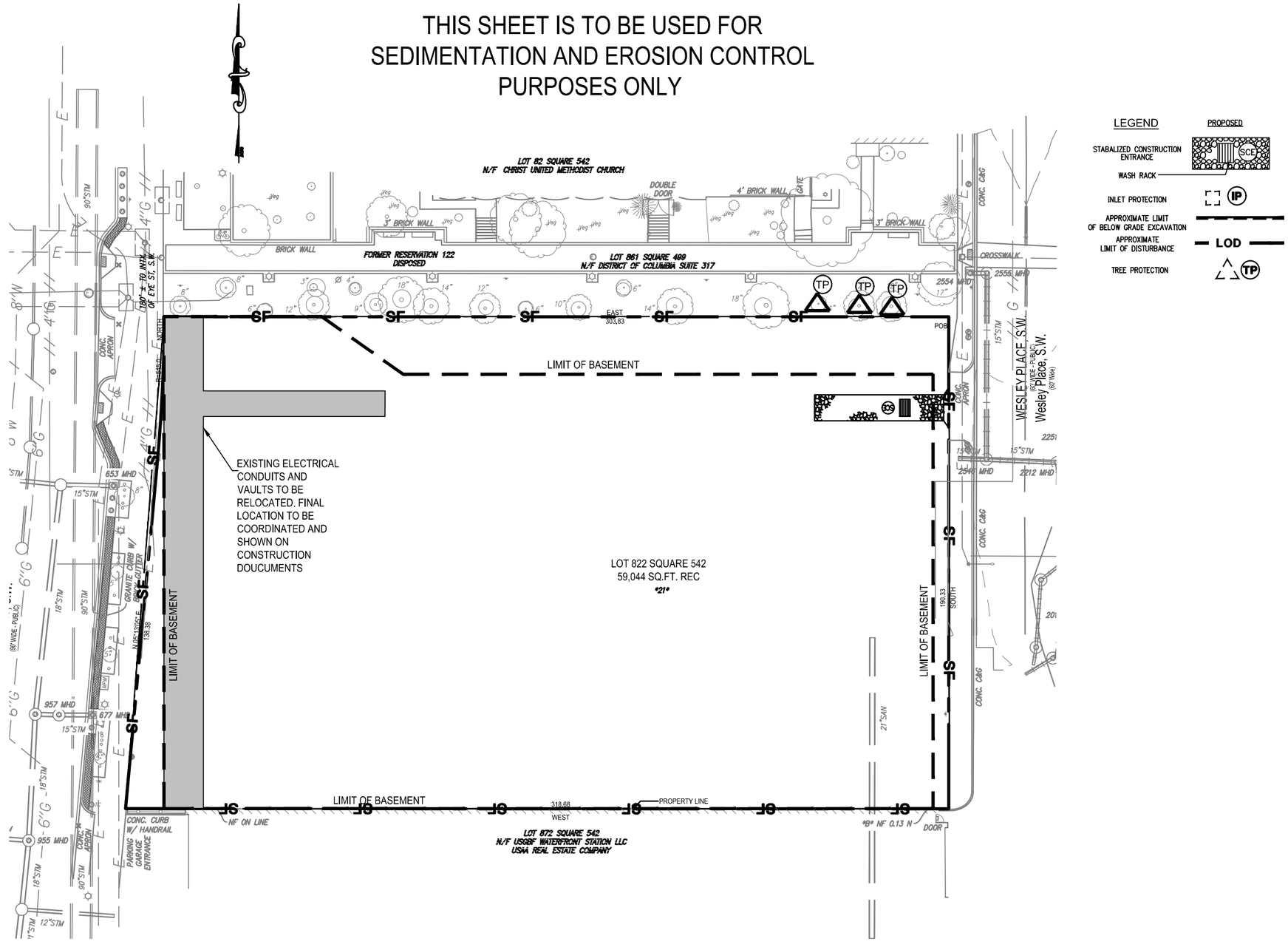
CONSTRUCTION AND STABILIZATION SEQUENCE:

1. INSTALL SEDIMENT AND EROSION CONTROL MEASURES INCLUDING STRAW BALE DIKES, INLET PROTECTION, SUMP PIT, PORTABLE SEDIMENT TANK, STABILIZED TREE PROTECTION, AND SILT FENCE AS INDICATED ON SHEET C-2. SEE SHEET C-5 FOR EROSION AND SEDIMENT CONTROL DETAILS.
2. SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
3. REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN.
4. INSTALL PROPOSED UTILITIES AS INDICATED ON SHEET C-4.
5. INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
6. CONSTRUCT BMPS AS INDICATED ON SHEET C-3.
7. AT THE COMPLETION OF CONSTRUCTION AND AFTER THE INSPECTOR'S APPROVAL, ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE REMOVED.

EROSION AND SEDIMENT CONTROL NOTE:

1. THE APPLICANT MUST NOTIFY THE DISTRICT DEPARTMENT OF ENVIRONMENT BY PHONE (202-535-2977) AT LEAST 72 HOURS PRIOR TO THE START OF LAND DISTRUBING ACTIVITY AND WITHIN (2) WEEKS AFTER COMPLETION OF PROJECT TO REQUEST INSPECTION. IF THERE IS NEED TO MAKE CHANGES OR MODIFICATIONS IN THE APPROVED DESIGN, DISTRICT DEPARTMENT OF ENVIRONMENT MUST BE NOTIFIED IMMEDIATELY.
2. REMOVAL OF ANY EROSION AND SEDIMENT CONTROL MEASURES REQUIRES APPROVAL FROM DDOE INSPECTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF SHEETING AND SHORING AND SUPPORT OF EXISTING UTILITIES AND ADJACENT STRUCTURES. SHORING, BRACING, AND UNDERPINNING DESIGNED BY THE CONTRACTOR'S STRUCTURAL ENGINEER LICENSED IN THE DISTRICT OF COLUMBIA SHALL BE PROVIDED AS NECESSARY TO ENSURE THEIR SUPPORT.
4. PROVIDE SILT FENCE AT PERIMETER OF EXCAVATION AREA TO REMAIN IN PLACE UNTIL BELOW GRADE EXCAVATION HAS BEGUN UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
5. CONTRACTOR TO PROVIDE ON SITE APPROVED STAMPED AND SIGNED SEDIMENTATION AND EROSION CONTROL DRAWINGS BY DEPARTMENT OF ENVIRONMENT, WATERSHED PROTECTION DIVISION.
6. PROVIDE A CHAIN LINK FENCE AT PERIMETER OF SITE
7. NO LATER THAN THE FIRSTDAY OF CONSTRUCTION, INSTALL SITE ACCESS MEASURES TO MINIMIZE OFF-SITE VEHICLE TRACKING OF SEDIMENTS. EACH CONSTRUCTION ENTRANCE MUST BE STABILIZED AND INCLUDE EACH ADDITIONAL MEASURES REQUIRED TO KEEP SEDIMENT FROM BEING CARRIED ONTO PUBLIC STREETS BY CONSTRCUTION VEHICLES AND WASHED INTO A STORM DRAIN OR WATERWAY.
8. REMOVE OFF-SITE ACCUMULATION OF SEDIMENT DAILY DURING COSNTRUCTION AND IMMEDIATELY AT THE REQUEST OF DDOE INSPECTOR.
9. PERFORM ROUTINE MAINTENANCE TO PREVENT ANY NEW DE-STABILIZATION AREAS.
10. STRAW BALE DIKES WILL BE REPLACED EVERY THREE (3) MONTHS UNTIL COMMENCEMENT OF CONSTRUCTION.

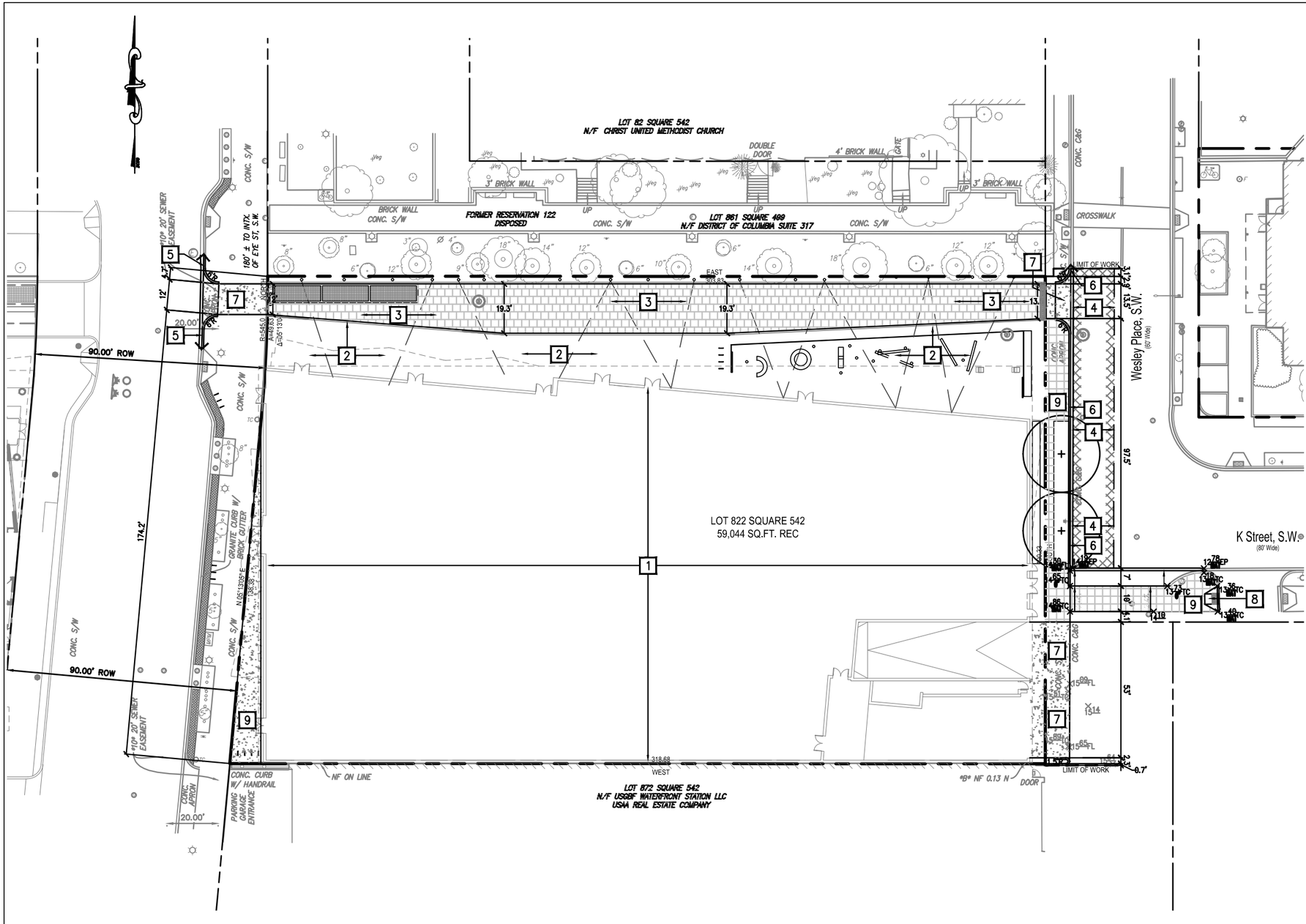
THIS SHEET IS TO BE USED FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY



LEGEND

	PROPOSED
STABALIZED CONSTRUCTION ENTRANCE	SCE
WASH RACK	
INLET PROTECTION	IP
APPROXIMATE LIMIT OF BELOW GRADE EXCAVATION	
APPROXIMATE LIMIT OF DISTURBANCE	LOD
TREE PROTECTION	TP

WATERFRONT STATION	1000 4TH STREET, S.W. WASHINGTON, DC	WMC DC WILES MENSCH CORPORATION-DC	EROSION AND SEDIMENT CONTROL PLAN	40' 20' 0 40' 80' 1" = 40'	
Washington, D.C.	2018 JANAURY 18		PUD SUBMISSION	PN HOFFMAN SCALE: 1"=40'	ARCHITECTS CIV0102



SITE KEYNOTES:

1. NEW BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
2. NEW HARDSCAPE. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
3. NEW PAVERS. REFER TO LANDSCAPE DRAWINGS FOR DETAILS.
4. NEW SURFACE COURSE ASPHALT PAVEMENT PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET CIV0106 FOR DETAILS.
5. NEW GRANITE CURB WITH BRICK GUTTER PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET CIV0106 FOR DETAILS.
6. NEW CONCRETE CURB AND CONCRETE GUTTER PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET CIV0106 FOR DETAILS.
7. NEW CONCRETE APRON AND DRIVEWAY PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET CIV0106 FOR DETAILS.
8. NEW HANDICAP RAMP PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET CIV0106 FOR DETAILS.
9. NEW CONCRETE SIDEWALK PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO SHEET CIV0106 FOR DETAILS.

PAVEMENT LEGEND:

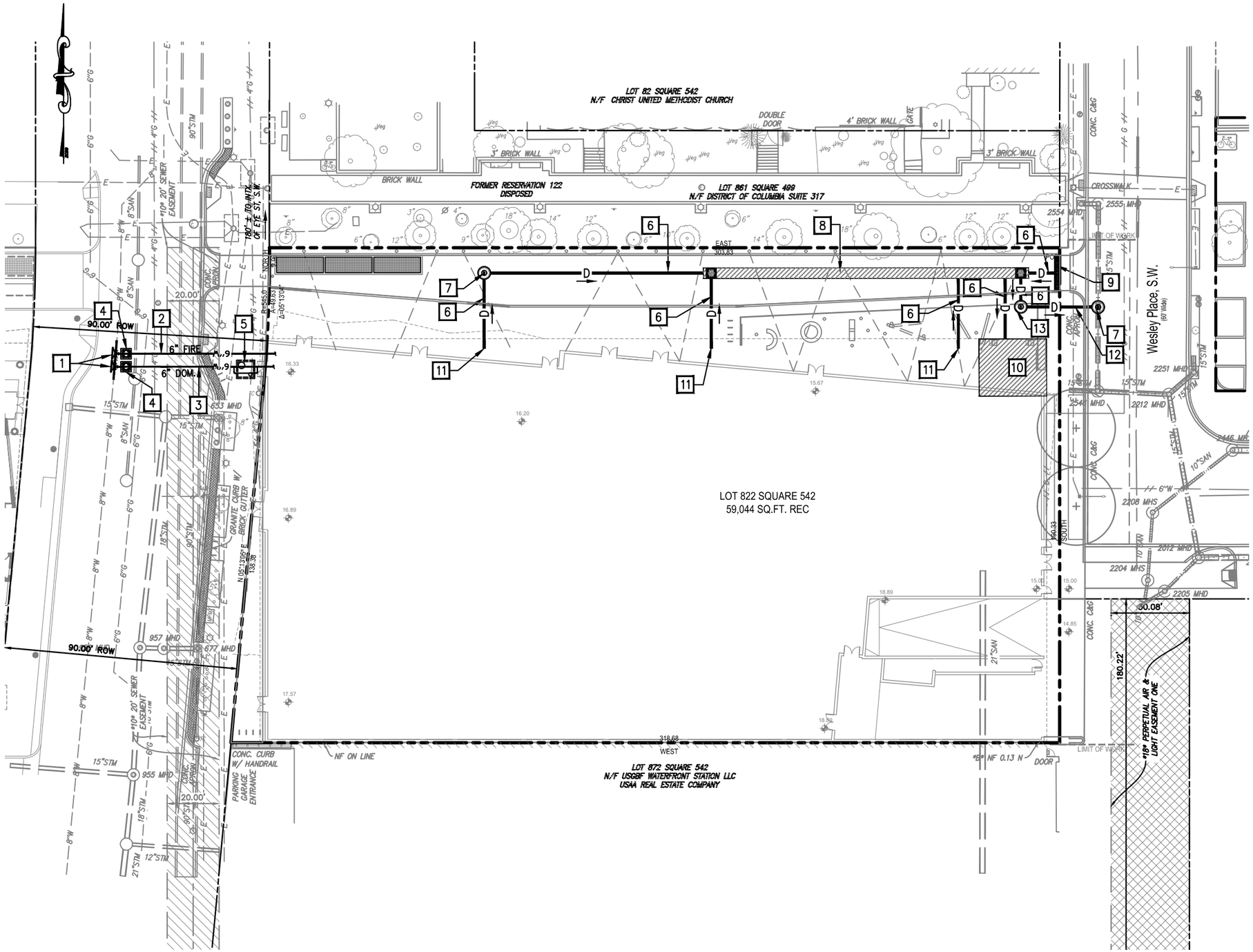
NEW ASPHALT PAVEMENT (FULL DEPTH)	
NEW ASPHALT PAVEMENT (SURFACE COURSE)	
NEW CONCRETE PAVEMENT	
SITE KEY-NOTE	1

NOTES:

1. STREETSCAPE DETAILS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. THE FINAL DETAILS OF THE STREETSCAPE IMPROVEMENTS WILL BE SELECTED DURING DETAILED DESIGN PHASES OF WORK AND CONFORM WITH APPLICABLE DESIGN AND PERMITTING STANDARDS.
2. PLANT SPECIES SELECTIONS IDENTIFIED ON THIS PLAN ARE SHOWN TO ILLUSTRATE DESIGN INTENT ONLY. THE PURPOSE IS TO GENERALLY DEFINE PLANT SIZE, CHARACTER, AND LOCATIONS. REFINEMENTS TO THE PLANTING DESIGN AND FINAL SELECTION OF ALL PLANT MATERIALS CONSISTENT WITH THE SPECIES SHOWN SHALL BE DEVELOPED DURING DETAILED DESIGN PHASES OF WORK.
3. INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON FINAL PLAN.
4. DC/DDOT MAY REQUIRE NEW ASPHALT SURFACE COURSE TO CENTERLINE OF THE STREET PER DC/DDOT INSPECTOR RECOMMENDATIONS. CONTRACTOR TO COORDINATE LIMITS OF NEW ASPHALT SURFACE COURSE WITH INSPECTOR.
5. ALL NEW DEVELOPMENT AND CONSTRUCTION ON ADJACENT PROPERTIES TO BE COMPLETED BY OTHERS AND IS NOT CONSIDERED PART OF THE PROJECT.

40' 20' 0 40' 80'
1" = 40'

WATERFRONT STATION	1000 4TH STREET, S.W. WASHINGTON, DC	WMC DC WILES MENSCH CORPORATION-DC	SITE PLAN	PN HOFFMAN ARCHITECTS
Washington, D.C.	2018 JANAURY 18		PUD SUBMISSION	SCALE: 1"=40' CIV0103



GENEARL NOTES:

ALL INFRASTRUCTURE AND DETAILS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. THE FINAL DESIGN, LAYOUT, LOCATION AND DETAILS OF THE UTILITY IMPROVEMENTS WILL BE SELECTED DURING DETAILED DESIGN PHASES OF WORK AND CONFORM WITH APPLICABLE DESIGN AND PERMITTING STANDARDS.

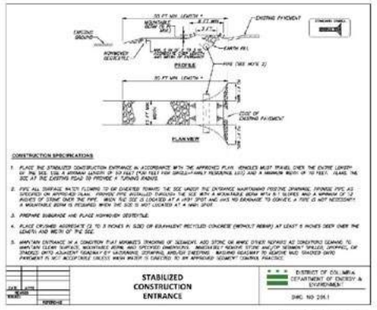
UTILITY KEYNOTES:

1. NEW 8" x 6" TEE WITH THRUST BLOCK PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL W-40.01 ON SHEET CIV0107 FOR DETAILS.
2. NEW 6" DIP FIRE SERVICE PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL W-10.01 ON SHEET CIV0107 FOR TRENCHING DETAILS.
3. NEW 6" DIP DOMESTIC WATERLINE PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL W-10.01 ON SHEET CIV0107.
4. NEW 6" WATER VALVE PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL W-20.01 ON SHEET CIV0107.
5. NEW 6" WATER METER PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL DG-23.01 ON SHEET CIV0107.
6. NEW PVC SCH 40 STORM SEWER PIPE, PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL S-12.01 ON SHEET CIV0107.
7. NEW 4.0' DIAMETER PCC MANHOLE, PER DC/WATER STANDARDS AND SPECIFICATIONS. REFER TO DETAILS S-20.11 AND S-20.03 ON SHEET CIV0107.
8. NEW HDPE STORAGE PIPE "CISTERN" FOR RAINWATER HARVESTING.
9. NEW TRENCH DRAIN.
10. NEW RAIN HARVESTING PUMP & FILTRATION ROOM.
11. NEW STORM RISER CONNECTION.
12. NEW EMERGENCY OVERFLOW CONNECTION TO PUBLIC STORM SEWER MAIN.
13. NEW STORMFILTER MANHOLE FOR WATER QUALITY TREATMENT.

40' 20' 0 40' 80'

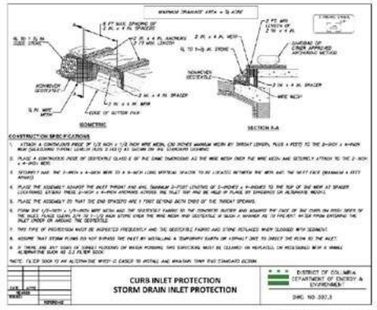
1" = 40'

WATERFRONT STATION	1000 4TH STREET, S.W. WASHINGTON, DC	WMC DC WILES MENSCH CORPORATION-DC	UTILITY PLAN	PN HOFFMAN ARCHITECTS
Washington, D.C.	2018 JANAURY 18		PUD SUBMISSION	SCALE: 1"=40' CIV0104



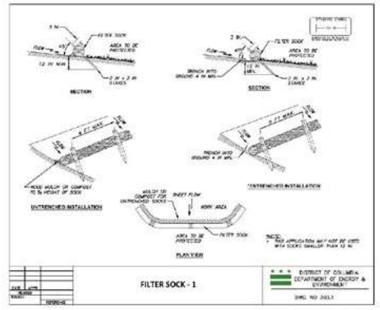
STABILIZED CONSTRUCTION ENTRANCE

DMG. NO. 206.1

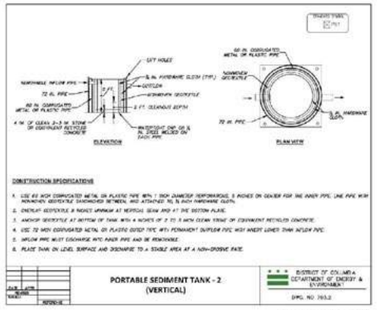


CURB INLET PROTECTION
STORM DRAIN INLET PROTECTION

DMG. NO. 307.3

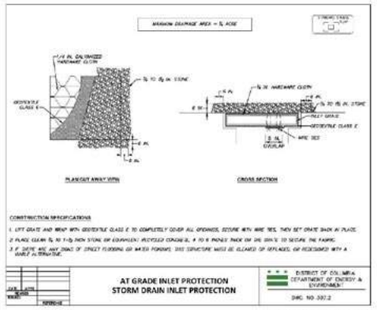


FILTER SOCK - 1



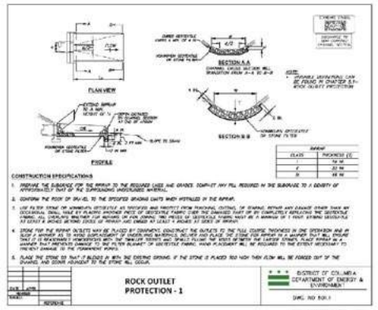
PORTABLE SEDIMENT TANK - 2
(VERTICAL)

DMG. NO. 703.2



AT GRADE INLET PROTECTION
STORM DRAIN INLET PROTECTION

DMG. NO. 307.2

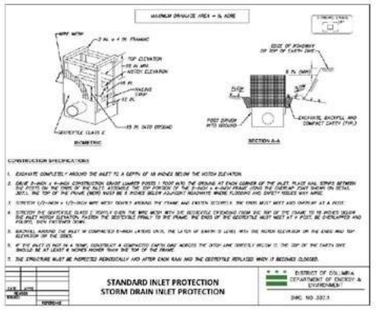


ROCK OUTLET
PROTECTION - 1

DMG. NO. 806.1

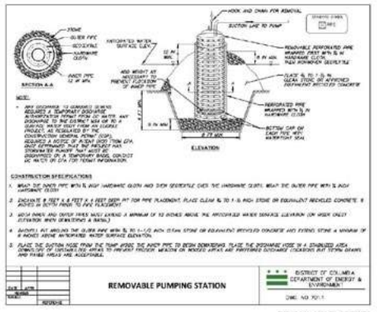
SILT FENCE-2

TMC NO. 306.9



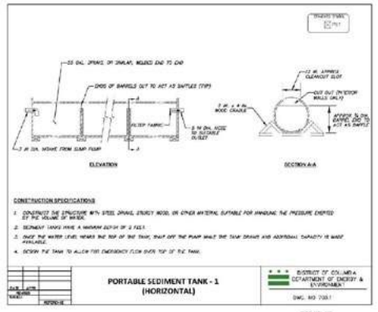
STANDARD INLET PROTECTION
STORM DRAIN INLET PROTECTION

DMG. NO. 307.1



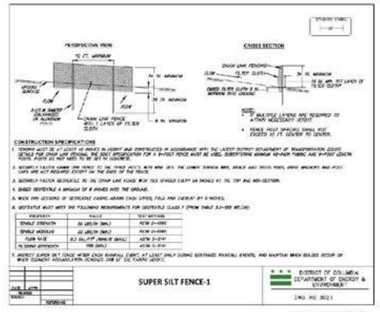
REMOVABLE PUMPING STATION

DMG. NO. 701.1



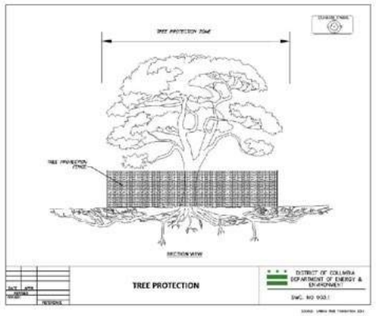
PORTABLE SEDIMENT TANK - 1
(HORIZONTAL)

DMG. NO. 703.1



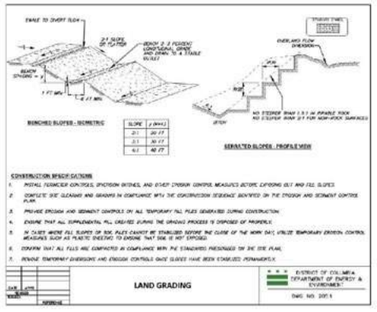
SUPER SILT FENCE-1

DMG. NO. 302.1



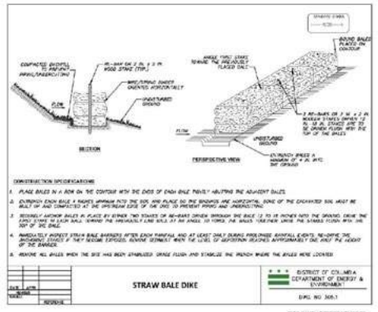
TREE PROTECTION

DMG. NO. 930.1



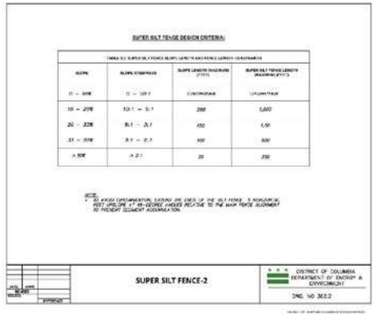
LAND GRADING

DMG. NO. 207.1



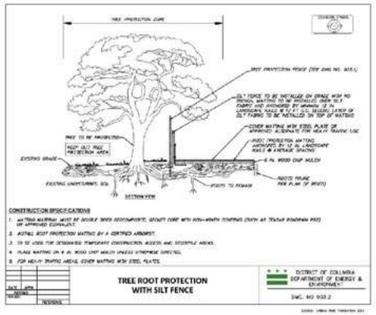
STRAW BALE DIKE

DMG. NO. 308.1



SUPER SILT FENCE-2

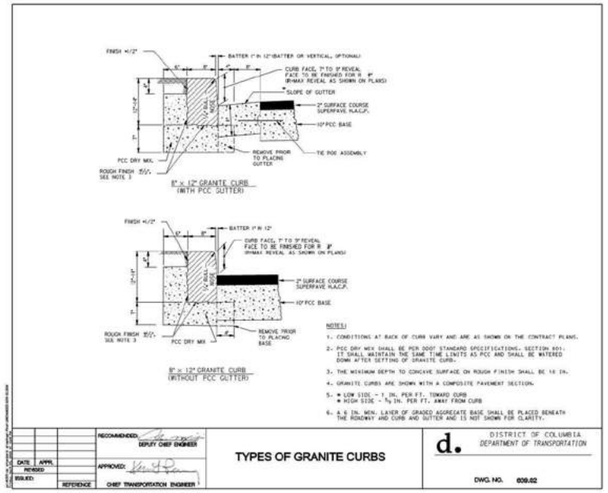
DMG. NO. 302.2



TREE ROOT PROTECTION
WITH SILT FENCE

DMG. NO. 930.2

WATERFRONT STATION Washington, D.C.	1000 4TH STREET, S.W. WASHINGTON, DC 2018 JANAURY 18	WMC DC WILES MENSCH CORPORATION–DC	EROSION AND SEDIMENT CONTROL DETAILS PUD SUBMISSION	PN HOFFMAN	ARCHITECTS CIV0105

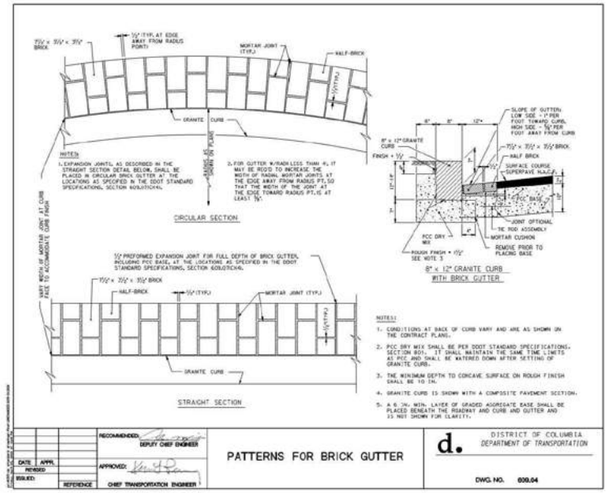


RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE APPR. REVISED ISSUED REFERENCE

TYPES OF GRANITE CURBS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 609.02

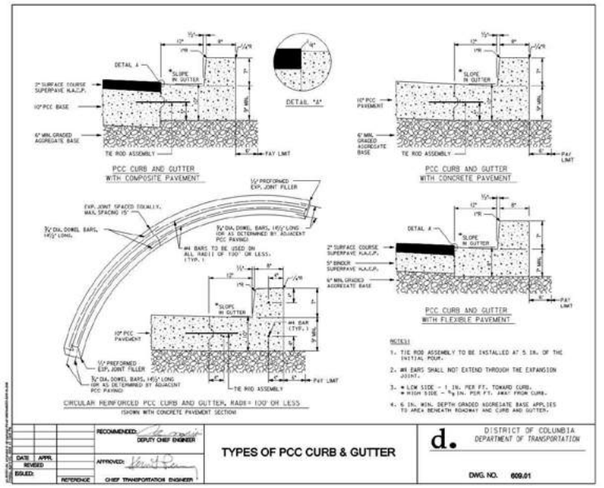


RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE APPR. REVISED ISSUED REFERENCE

PATTERNS FOR BRICK GUTTER

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 609.04

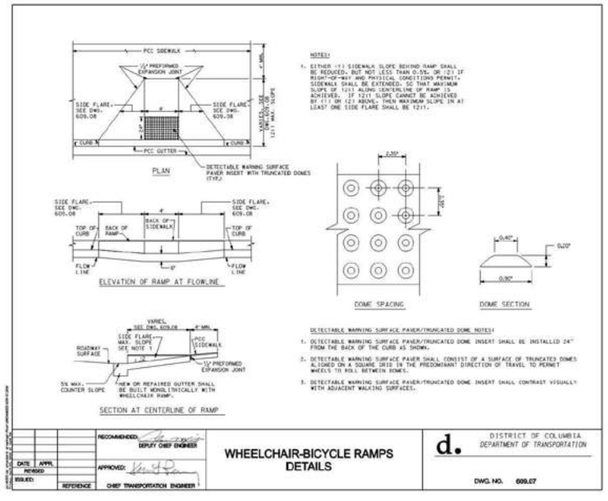


RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE APPR. REVISED ISSUED REFERENCE

TYPES OF PCC CURB & GUTTER

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 609.01

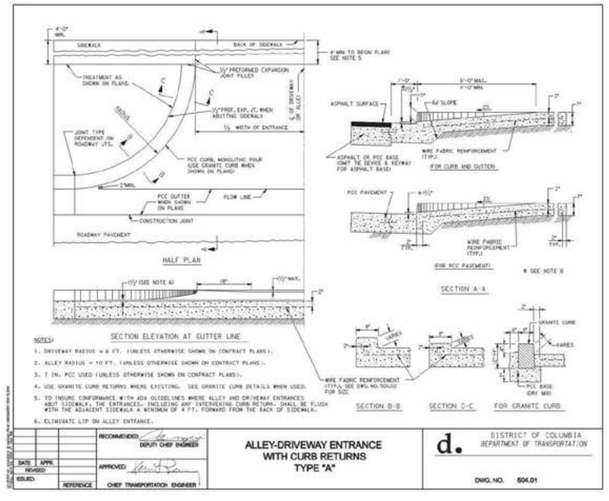


RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE APPR. REVISED ISSUED REFERENCE

WHEELCHAIR-BICYCLE RAMPS DETAILS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.07

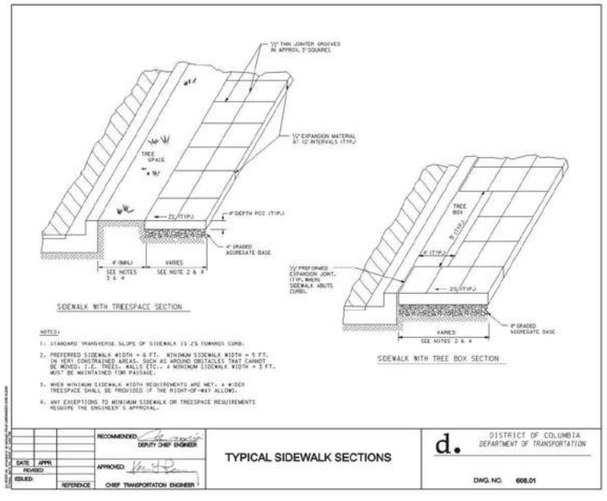


RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE APPR. REVISED ISSUED REFERENCE

ALLEY-DRIVEWAY ENTRANCE WITH CURB RETURNS TYPE "A"

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 604.01

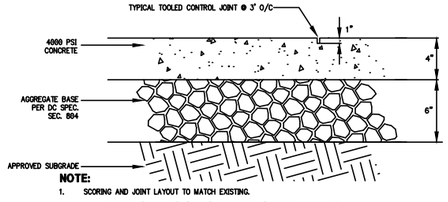


RECOMMENDED: DEPUTY CHIEF ENGINEER
APPROVED: CHIEF TRANSPORTATION ENGINEER
DATE APPR. REVISED ISSUED REFERENCE

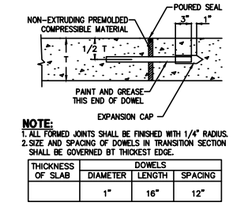
TYPICAL SIDEWALK SECTIONS

d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

DWG. NO. 608.01

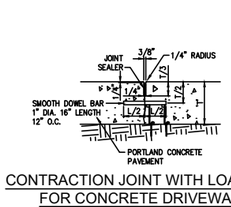


TYPICAL CONCRETE SIDEWALK
(NOT TO SCALE)

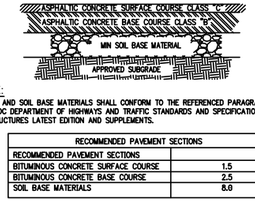


THICKNESS OF SLAB	DOWELS		
	DIAMETER	LENGTH	SPACING
	1"	16"	12"

DOWELED TRANSVERSE EXPANSION JOINT
FOR CONCRETE DRIVEWAY APRON
(NOT TO SCALE)



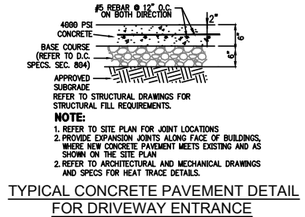
CONTRACTION JOINT WITH LOAD TRANSFER
FOR CONCRETE DRIVEWAY APRON
(NOT TO SCALE)



NOTE:
ASPHALT AND SOIL BASE MATERIALS SHALL CONFORM TO THE REFERENCED PARAGRAPHS AND TABLES OF THE DC DEPARTMENT OF HIGHWAYS AND TRAFFIC STANDARDS AND SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES LATEST EDITION AND SUPPLEMENTS.

RECOMMENDED PAVEMENT SECTIONS	
RECOMMENDED PAVEMENT SECTIONS	
BITUMINOUS CONCRETE SURFACE COURSE	1.5
BITUMINOUS CONCRETE BASE COURSE	2.5
SOIL BASE MATERIALS	8.0

NEW ASPHALT PAVEMENT
(NOT TO SCALE)



TYPICAL CONCRETE PAVEMENT DETAIL
FOR DRIVEWAY ENTRANCE
(NOT TO SCALE)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

W-10.01
2 OF 2

TRENCH PAY WIDTH (Ws OR Wu)		
PIPE DIAMETER D	SHEETED EXCAVATION Ws	UNSHEETED EXCAVATION Wu
8"	2' – 10"	2' – 4"
12"	3' – 2"	2' – 8"
16"	3' – 6"	3' – 0"
20"	3' – 10"	3' – 4"
24"	4' – 2"	3' – 8"
30"	4' – 8"	4' – 2"
36"	5' – 1"	5' – 7"
42"	5' – 7"	6' – 1"
48"	7' – 1"	6' – 7"

NOTES:

1. PIPE LAYING CONDITION TYPE 2A (TRENCH INSTALLATION) SHALL BE USED FOR ALL WATER MAIN CONSTRUCTION UNLESS OTHERWISE SPECIFIED OR SHOWN ON DRAWINGS.
2. TRENCHES MAY BE EXCAVATED WIDER THAN THE TRENCH PAY WIDTH (Ws OR Wu) ABOVE A LINE 1' – 0" FROM TOP OF PIPE, AT CONTRACTOR'S OPTION AND AT NO ADDITIONAL COST TO THE AUTHORITY.
3. IF EXCAVATION BELOW NORMAL DEPTH OF WATER MAIN INSTALLATION (DEPTH'S GREATER THAN 4.5 FEET) IS REQUIRED, EXCAVATION SUPPORT SHEETING MAY BE ORDERED OR TRENCH SHIELDS UTILIZED AT CONTRACTORS OPTION. COSTS UNDER THIS OPTION SHALL BE PART OF THE UNIT PRICE BID FOR EXCAVATION.
4. SHEETING, IF USED, SHALL BE REMOVED IN CONJUNCTION WITH THE BACKFILLING OPERATION UNLESS OTHERWISE SPECIFIED OR SHOWN ON DRAWINGS. HOWEVER, IF APPROVED IN WRITING, SHEETING MAY BE CUT-OFF AND LEFT IN PLACE BELOW A LINE 1' – 0" ABOVE THE TOP OF PIPE OR AS DIRECTED BY THE ENGINEER.

APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: WSMITH

STANDARD DETAIL
DUCTILE IRON WATER MAIN
PIPE LAYING CONDITION TYPE 2A
(TRENCH INSTALLATION)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

W-40.01
2 OF 2

BRANCH OF TEE OR PIPE DIA	BEND TYPE	W	H/2	W'	G	REINF. (E.W.)
6"	11.25°	1'-0"	1'-0"	0'-8"	1'-0"	#4 @12"
	22.5°	1'-0"	1'-0"	0'-8"	1'-0"	#4 @12"
	45°	2'-0"	2'-0"	0'-8"	1'-0"	#4 @12"
	90°	4'-0"	4'-0"	0'-10"	1'-0"	#5 @12"
	TEE	3'-0"	3'-0"	0'-10"	1'-0"	#5 @12"
8"	11.25°	1'-0"	1'-0"	0'-8"	1'-0"	#4 @12"
	22.5°	1'-0"	1'-0"	0'-8"	1'-0"	#4 @12"
	45°	2'-0"	2'-0"	0'-8"	1'-0"	#4 @12"
	90°	5'-0"	5'-0"	1'-0"	1'-0"	#5 @12"
	TEE	4'-0"	4'-0"	1'-0"	1'-0"	#5 @12"
12"	11.25°	2'-0"	2'-0"	1'-0"	1'-0"	#4 @12"
	22.5°	3'-0"	3'-0"	1'-0"	1'-0"	#4 @12"
	45°	5'-0"	5'-0"	1'-0"	1'-0"	#5 @12"
	90°	10'-0"	10'-0"	1'-4"	1'-0"	#5 @12"
	TEE	6'-0"	6'-0"	1'-4"	1'-0"	#5 @12"

NOTES:

1. ALL CONCRETE TO BE CLASS 4000, AIR ENTRAINED, TYPE I CEMENT.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
3. NOMINAL DEPTH OF COVER ON WATER MAIN IS FOUR FEET.
4. UNIT WEIGHT OF SOIL 120 PCF.
5. DESIGN BASED ON P = 30' AND TEST PRESSURE = 195 PSI.
6. HB – HEIGHT OF BLOCK, W – WIDTH AT FITTING AND W' WIDTH AGAINST UNDISTURBED GROUND SHOULD BE CENTERED ON PIPE AND FITTING.
7. FOR PIPE SIZE GREATER THAN 12", BLOCKS BEDDED IN SOILS WEAKER THAN # =30', OR FOR MAINS WITH A TEST PRESSURE GREATER THAN 195 PSI, THE THRUST BLOCK MUST BE SPECIFICALLY DESIGNED FOR EACH APPLICATION.

APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 2
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: W SMITH

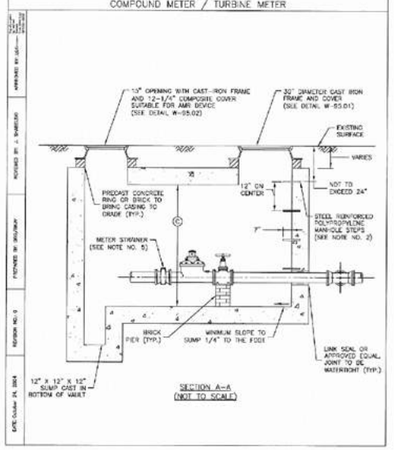
STANDARD DETAIL
CONCRETE THRUST BLOCK
FOR HORIZONTAL PIPE BEND & TEE
12" DIAMETER & SMALLER WATER MAINS

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

DD-23.01
2 OF 3

DESIGN GUIDELINE

METER INSTALLATION
COMPOUND METER / TURBINE METER



SECTION A–A
(NOT TO SCALE)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-12.01
2 OF 2

PIPE DIAMETER	PIPE BEDDING DIMENSION				TRENCH PAY WIDTH	
			B		UNSHEETED	SHEETED
D	BF	A	IN SOIL	IN ROCK	Wu	Ws
12"	12"	5"	3"	6"	2' – 4"	3' – 10"
15"	12"	5"	3"	6"	2' – 7"	4' – 1"
18"	12"	6"	3"	6"	3' – 11"	4' – 5"
21"	12"	7"	3"	6"	4' – 3"	4' – 8"
24"	12"	8"	3"	6"	4' – 8"	5' – 0"
27"	18"	8"	3"	6"	5' – 0"	6' – 3"
30"	18"	9"	4"	9"	5' – 7"	6' – 7"
33"	18"	10"	4"	9"	6' – 5"	6' – 11"
36"	18"	10"	4"	9"	6' – 8"	7' – 2"
42"	18"	13"	4"	9"	7' – 3"	7' – 9"
48"	24"	15"	4"	9"	8' – 10"	9' – 4"
54"	24"	16"	4"	9"	9' – 5"	9' – 11"
60"	24"	18"	4"	9"	10' – 0"	10' – 6"
66"	24"	20"	6"	12"	10' – 7"	11' – 1"
72"	24"	22"	6"	12"	11' – 2"	11' – 6"
78"	24"	23"	6"	12"	11' – 9"	12' – 3"
84"	24"	25"	6"	12"	12' – 4"	12' – 10"
90"	24"	27"	6"	12"	12' – 11"	13' – 5"
96"	24"	28"	6"	12"	13' – 6"	14' – 0"
102"	24"	30"	6"	12"	14' – 1"	14' – 7"
108"	24"	32"	6"	12"	14' – 8"	15' – 2"

NOTES:

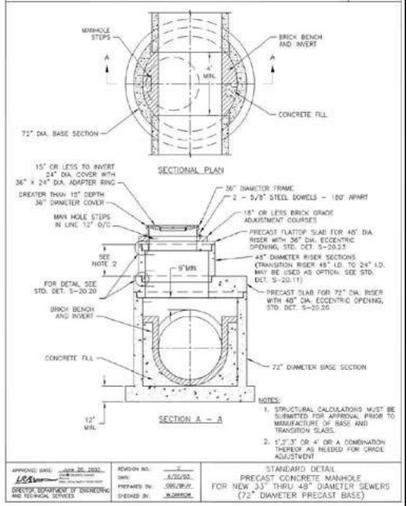
1. IF NECESSARY TO EXCEED W BELOW A HORIZONTAL PLANE 1'-0" ABOVE TOP OF PIPE, SEE SPECIFICATION SECTION 02220.
2. SHEETING, IF USED, SHALL BE REMOVED IN CONJUNCTION WITH THE BACKFILLING OPERATION UNLESS OTHERWISE SPECIFIED OR SHOWN ON DRAWING. HOWEVER, IF APPROVED IN WRITING, SHEETING MAY BE CUT-OFF AND LEFT IN PLACE BELOW A LINE 1'-0" ABOVE THE TOP OF THE PIPE OR AS DIRECTED BY THE ENGINEER.

APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: W.SMITH

STANDARD DETAIL
CONCRETE PIPE SEWER
TRENCH LAYING CONDITION

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-20.03
1 OF 1

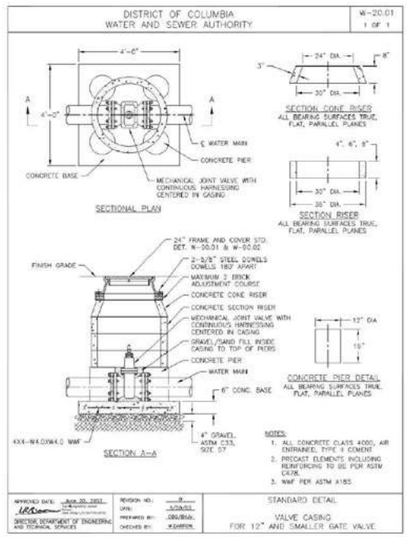


APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: W.SMITH

STANDARD DETAIL
PRECAST CONCRETE MANHOLE
FOR NEW 33" THRU 48" DIAMETER SEWERS
(72" DIAMETER PRECAST BASE)

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

W-20.01
1 OF 1



APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: W.SMITH

STANDARD DETAIL
VALVE CASING
FOR 12" AND SMALLER GATE VALVE

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

DD-23.01
3 OF 3

DESIGN GUIDELINE

METER INSTALLATION
COMPOUND METER / TURBINE METER

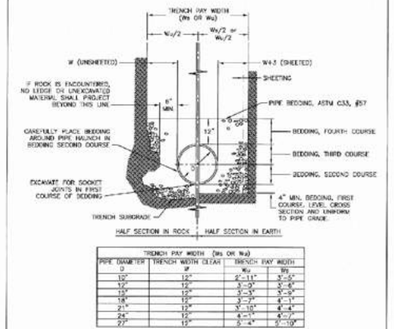
COMPOUND METER								
SIZE	A	B	C	D	E	F	G	H
3"	72"	72"	72"	17"	18"	33"	24"	8"
4"	72"	72"	73"	20"	18"	33"	24"	9"
6"	84"	72"	72"	24"	18"	30"	24"	10.5"
8"	84"	73"	73"	24"	18"	30"	24"	10.5"
DISC METER								
2.5"	72"	60"	72"	20"	11"	24"	20"	7.5"

NOTES:

1. SEALED STRUCTURAL COMPUTATIONS AND REINFORCING DETAILS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATIONS.
2. MANHOLE STEPS TO BE M.A. INDUSTRIES MODEL PS3-PF© OR APPROVED EQUAL. CAST INSERTS IN WALL 12" ON CENTER.
3. CONCRETE TO BE CLASS 4000, TYPE II CEMENT.
4. DUCTILE IRON PIPE JOINTS WITHIN VAULT SHALL BE FLANGED.
5. COMPOUND METERS REQUIRE THE INSTALLATION OF METER STRAINERS. HOWEVER, TURBINE METERS DO NOT REQUIRE THE INSTALLATION OF METER STRAINERS. METER STRAINERS SHALL BE INSTALLED BETWEEN PIPE METER AND SUPPORT VALVE ON THE INTAKE SIDE OF THE METER AND HAVE 8 PIPE LENGTHS (MINIMUM) BETWEEN THE METER STRAINER AND NEAREST FITTING.
6. THIS DRAWING SUPERCEDES DRAWING D-808 DATED 2-01-1992.

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-15.01
1 OF 1



TRENCH PAY WIDTH (Ws OR Wu)			
PIPE DIAMETER D	TRENCH WIDTH CLEAR W	TRENCH PAY WIDTH Wu	Ws
12"	12"	5'-11"	5'-5"
15"	12"	5'-10"	5'-5"
18"	12"	5'-9"	5'-5"
21"	12"	5'-7"	5'-4"
24"	12"	5'-6"	5'-4"
27"	12"	5'-4"	5'-10"

NOTES:

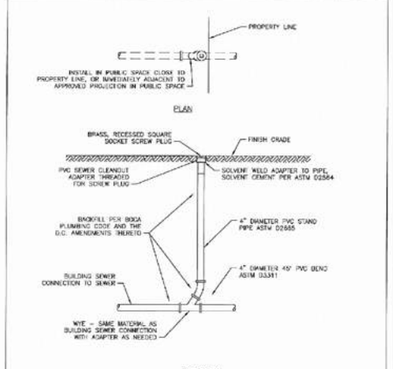
1. IF NECESSARY TO EXCEED W BELOW A HORIZONTAL PLANE 1'-0" ABOVE TOP OF PIPE, SEE SPECIFICATION SECTION 02220.
2. SHEETING, IF USED, SHALL BE REMOVED IN CONJUNCTION WITH THE BACKFILLING OPERATION UNLESS OTHERWISE SPECIFIED OR SHOWN ON DRAWING.

APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: W.SMITH

STANDARD DETAIL
POLYVINYL CHLORIDE (PVC) PIPE SEWER
TRENCH LAYING CONDITION

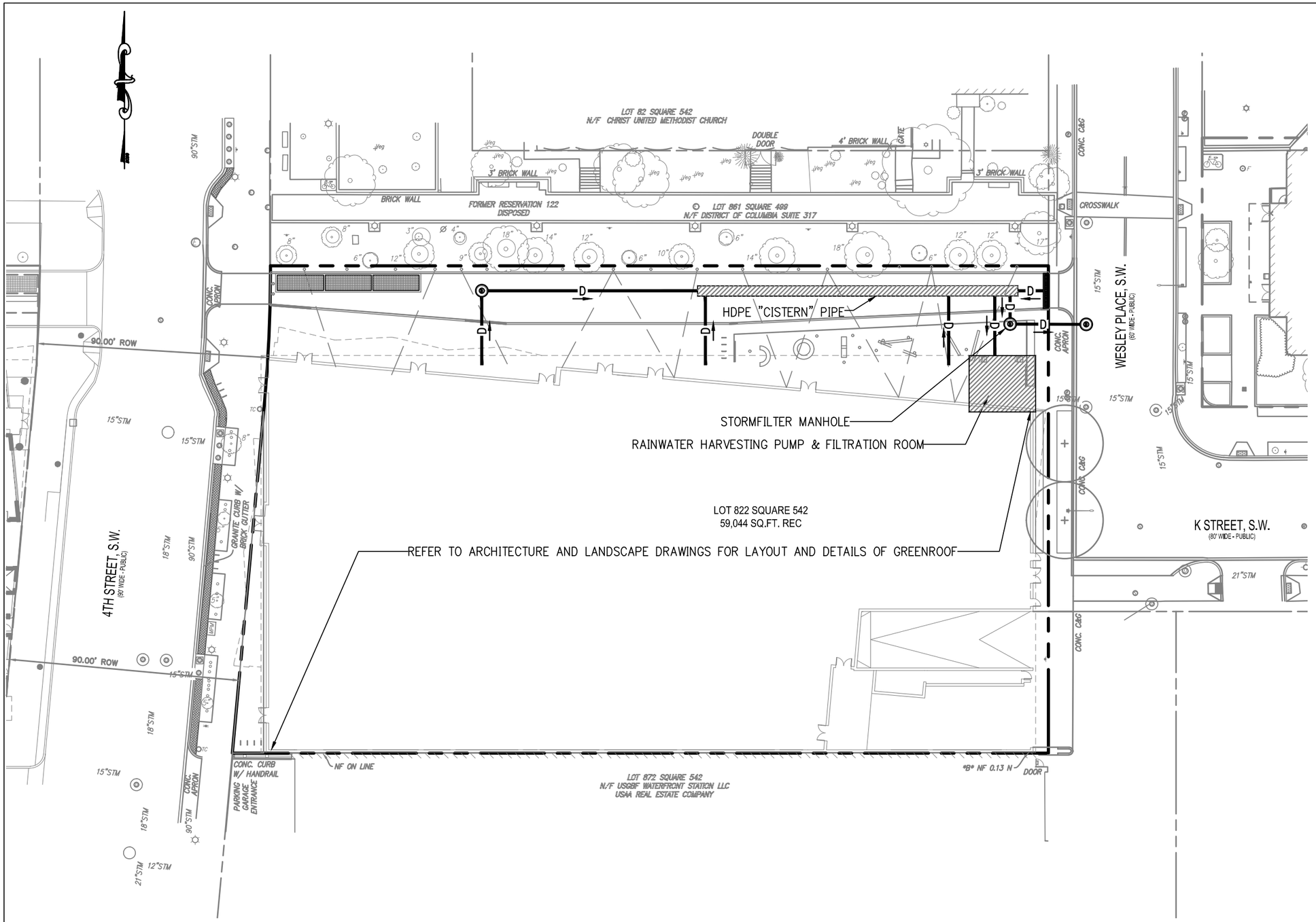
DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

S-80.02
1 OF 1



APPROVED DATE: June 20, 2002
DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES
REVISION NO.: 0
DATE: 6/20/02
PREPARED BY: DBG/BMJH
CHECKED BY: W.SMITH

STANDARD DETAIL
BUILDING SEWER COLLECTION CLEANOUT



PROPOSED STORMWATER MANAGEMENT NARRATIVE:

THE PROPOSED PROJECT CONSISTS OF A MAJOR LAND-DISTURBING ACTIVITY FOR CONSTURCTION OF THE NEW MIXED-USE BUILDING AND IS CLASSIFIED AS AN ANACOSTIA WATERFRONT DEVELOPMENT ZONE (AWDZ) SITE. THE APPROXIMATELY* 59,044 SF OF LAND DISTURBANCE WILL COMPLY WITH THE AWDZ SITE 1.7" WATER QUALITY TREATMENT VOLUME (WQTV) REQUIREMENT. COMPLIANCE WILL BE MET BY RETAINING 1.2" OF THE 1.7" RAINFALL EVENT, FOR A TOTAL (APPROXIMATE*) DOEE STORMWATER RETENTION VOLUME REQUIREMENT OF 5,699 CF / 41,956 GALLONS, AND PROVIDING ADDITIONAL MEANS OF WATER QUALITY TREATMENT FOR THE REMAINING 0.5" OF THE 1.7" RAINFALL EVENT.

DOEE STORMWATER MANAGEMENT COMPLIANCE WILL BE ACHIEVED THROUGH THE USE OF VARYING MEDIA DEPTH GREEN ROOF AREAS LOCATED THROUGHOUT THE VARIOUS ROOF LEVELS OF THE SITE AND VIA AN EXTERNAL HDPE PIPE "CISTERN", WHICH WILL STORE CAPTURED RAINWATER FOR HARVESTING AND REUSE WITHIN THE NEW BUILDING. THE ADDITIONAL WQTV WILL BE PROVIDED VIA A STORMFILTER MANHOLE.

COMPLIANCE WITH THE STORMWATER MANAGEMENT REQUIREMENT FOR THE PUBLIC RIGHT-OF-WAY WILL UTILIZE THE MAXIMUM EXTENT PRACTICABLE DOCUMENTATION METHODOLOGY.

THE DESIGNER, INSTALLER AND DOEE INSPECTOR MUST HAVE A PRE-CONSTRUCTION MEETING TO ENSURE ALL PARTIES ARE AWARE OF DESIGN INTENTIONS AND WILL CONFORM TO ORIGINAL DESIGN.

* ALL AREA AND VOLUME QUANTITIES NOTED ABOVE ARE CONCEPTUAL AND SHOWN FOR CONCEPT FOR ILLUSTRATIVE PURPOSES ONLY. FINAL TYPE, SIZE, AND LOCATION MAY VARY DEPENDENT ON FINAL DESIGN ANALYSIS AND ABILITY TO CONFORM TO REGULATORY AGENCIES REQUIREMENTS

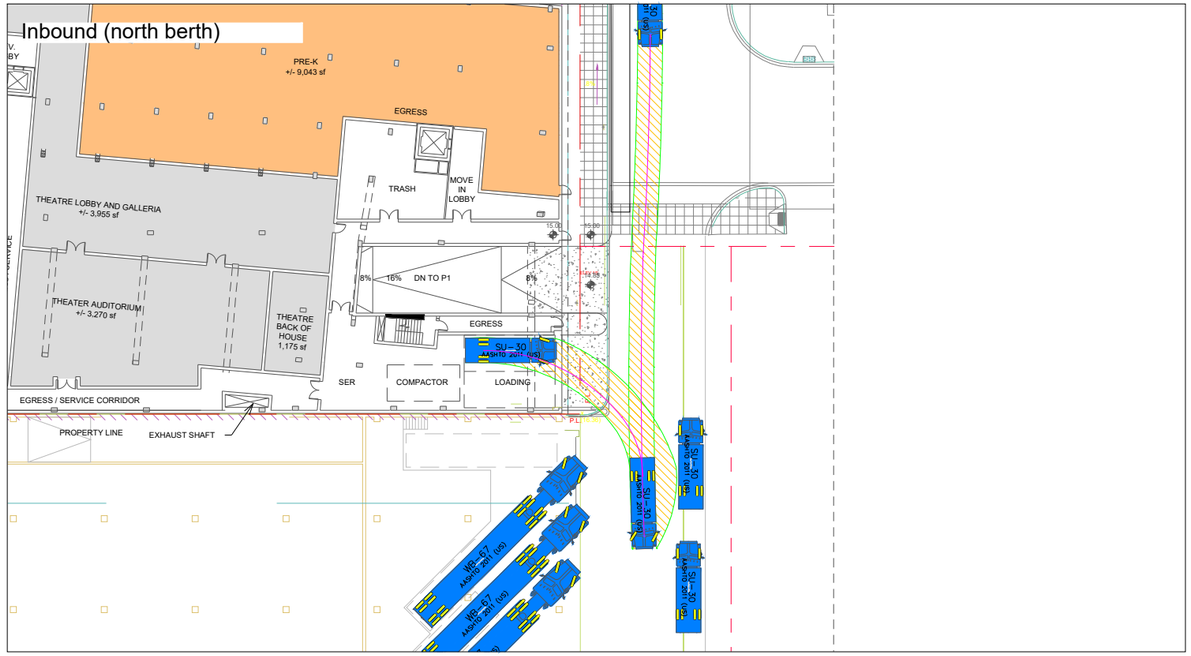
NOTES:

1. ALL STORMWATER MANAGEMENT BMPS ARE SHOWN IN CONCEPT FOR ILLUSTRATIVE PURPOSES. FINAL TYPE, SIZE, AND LOCATION MAY VARY DEPENDENT ON FINAL DESIGN ANALYSIS AND ABILITY TO CONFORM TO REGULATORY AGENCIES REQUIREMENTS.

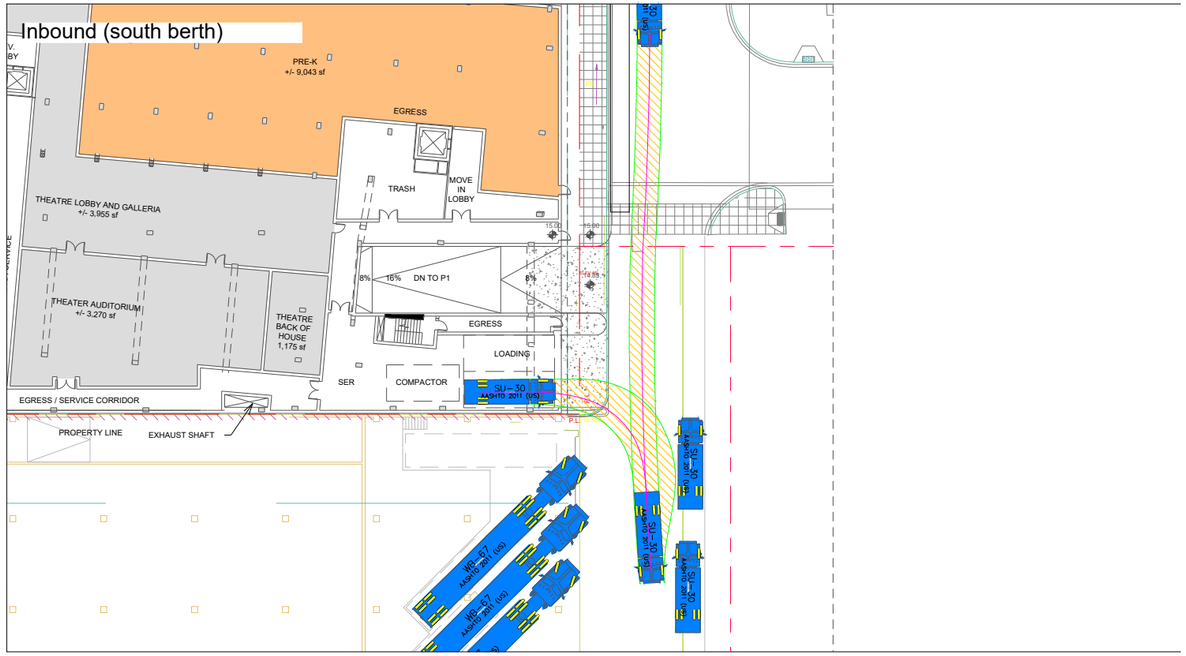
2. GREENROOF DETAIL IS PER TYPICAL STORMWATER GUIDEBOOK MINIMUM REQUIREMENTS. ACTUAL DESIGN SHALL BE BASED ON SPECIFIC SITE CONDITIONS APPLICABLE DESIGN REQUIREMENTS.

WATERFRONT STATION	1000 4TH STREET, S.W. WASHINGTON, DC	WMC DC WILES MENSCH CORPORATION-DC	PN HOFFMAN ARCHITECTS
Washington, D.C.	2018 JANAURY 18	PUD SUBMISSION	

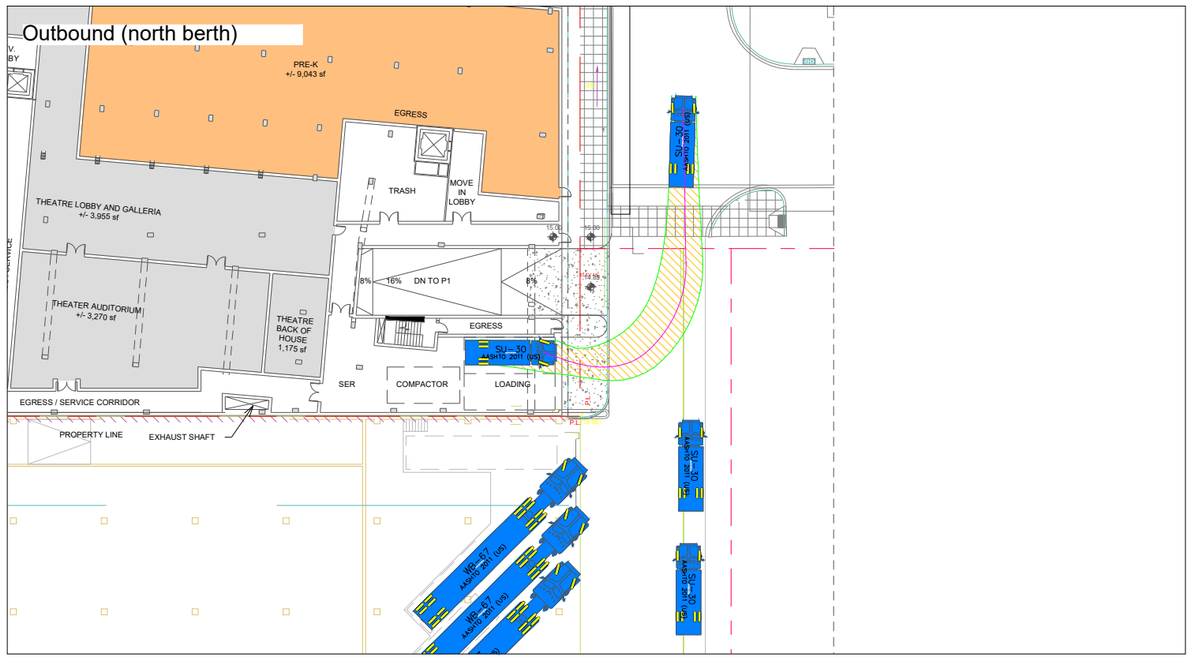
Inbound (north berth)



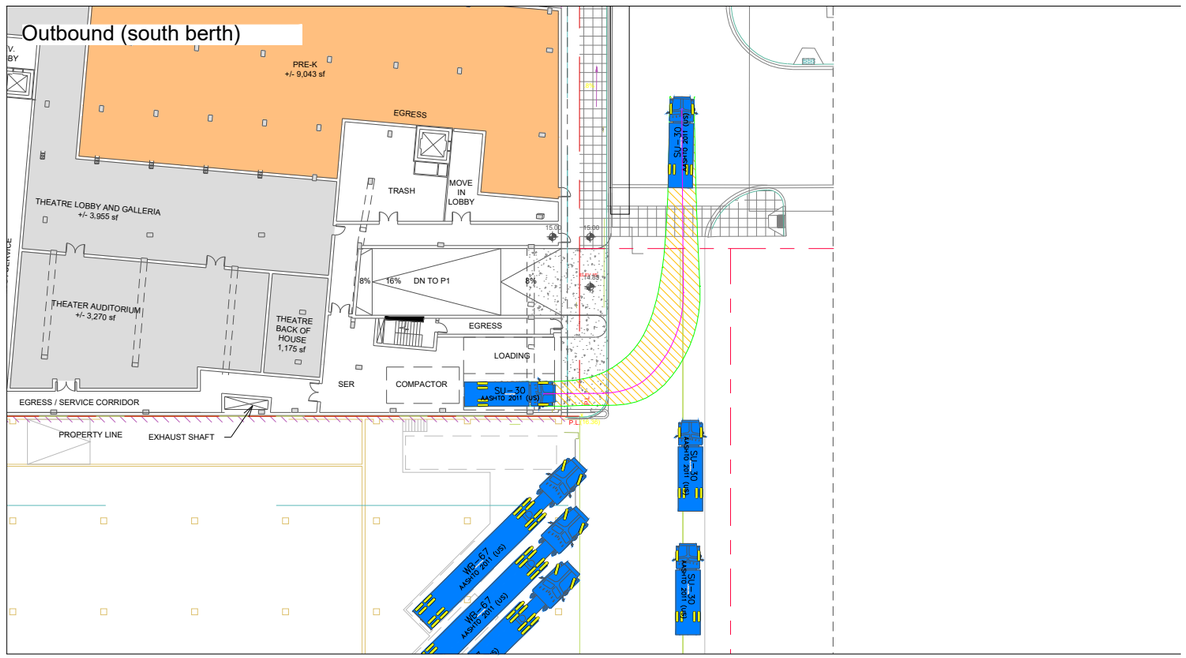
Inbound (south berth)



Outbound (north berth)



Outbound (south berth)



GOROVE / SLADE
Transportation Planners and Engineers

1000 4th Street: AutoTURN (Design Vehicle - AASHTO SU-30)

PN Hoffman
04.18.2018

Washington, DC

P:\2136-012 Waterfront Station - 1000 4th St\CAD\1000 4th Street AutoTURN 4.18.2018.dwg - 4/18/2018 11:35 AM

N
1"=50'

Green Area Ratio Scoresheet | LEED Scoresheet

Green Area Ratio Scoresheet

Address: 1000 4th Street, SW

Other:

Square	Lot	Zone District
542	822	MU-9 *

Lot size *(enter this value first)* *

Lot area (sf)	Minimum Score	Multiplier	GAR Score
59,044	.2	SCORE:	0.313 **

Landscape Elements

			Square Feet	Factor	Native Bonus	Total
A	**Landscaped areas (select one of the following for each area)**					
1	Landscaped areas with a soil depth < 24"		square feet	0.30		-
2	Landscaped areas with a soil depth ≥ 24"		1,118 square feet	0.60		670.8
3	Bioretention facilities		square feet	0.40		-
B	**Plantings (credit for plants in landscaped areas from Section A)**					
1	Groundcovers, or other plants < 2' height		1,118 square feet	0.20	1,118 square feet	223.6
2	Plants ≥ 2' height at maturity - calculated at 9-sf per plant	45 # of plants	405	0.30	45 # of plants	121.5
3	New trees with less than 40-foot canopy spread - calculated at 50 sq ft per tree	7 # of trees	350	0.50	7 # of trees	175.0
4	New trees with 40-foot or greater canopy spread - calculated at 250 sq ft per tree	2 # of trees	500	0.60	2 # of trees	300.0
5	Preservation of existing tree 6" to 12" DBH - calculated at 250 sq ft per tree	0 # of trees	0	0.70	0 # of trees	-
6	Preservation of existing tree 12" to 18" DBH - calculated at 600 sq ft per tree	0 # of trees	0	0.70	# of trees	-
7	Preservation of existing trees 18" to 24" DBH - calculated at 1300 sq ft per tree	0 # of trees	0	0.70	# of trees	-
8	Preservation of existing trees 24" DBH or greater - calculated at 2000 sq ft per tree	0 # of trees	0	0.80	# of trees	-
9	Vegetated wall, plantings on a vertical surface		0 square feet	0.60	square feet	-
C	**Vegetated or "green" roofs**					
1	Over at least 2" and less than 8" of growth medium		15,619 square feet	0.60	square feet	9,371.4
2	Over at least 8" of growth medium		2,180 square feet	0.80	2,180 square feet	1,744.0
D	**Permeable Paving*** **					
1	Permeable paving over 6" to 24" of soil or gravel		9,225 square feet	0.40		3,689.8
2	Permeable paving over at least 24" of soil or gravel		0 square feet	0.50		-
E	**Other**					
1	Enhanced tree growth systems***		square feet	0.40		-
2	Renewable energy generation		3,500 square feet	0.50		1,750.0
3	Approved water features		square feet	0.20		-
			sub-total of sq ft = 34,015			
F	**Bonuses**					
1	Native plant species		4,553 square feet	0.10		455.3
2	Landscaping in food cultivation		square feet	0.10		-
3	Harvested stormwater irrigation		square feet	0.10		-
			Green Area Ratio numerator =			*18,501*

*** Permeable paving and structural soil together may not qualify for more than one third of the Green Area Ratio score.
Total square footage of all permeable paving and enhanced tree growth. *3,690*

DOEE/WPD 09-2016

LEED 2009 for New Construction and Major Renovations

Project Checklist ***

Project Name

Date

Sustainable Sites — Possible Points: 26

Y	?	N			
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
5			Credit 2	Development Density and Community Connectivity	5
	1		Credit 3	Brownfield Redevelopment	1
4	2		Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
3			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
	2		Credit 4.4	Alternative Transportation—Parking Capacity	2
		1	Credit 5.1	Site Development—Protect or Restore Habitat	1
		1	Credit 5.2	Site Development—Maximize Open Space	1
1			Credit 6.1	Stormwater Design—Quantity Control	1
	1		Credit 6.2	Stormwater Design—Quality Control	1
		1	Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
1			Credit 8	Light Pollution Reduction	1

Water Efficiency — Possible Points: 10

Y	?	N			
Y			Prereq 1	Water Use Reduction—20% Reduction	
4			Credit 1	Water Efficient Landscaping	2 to 4
	2		Credit 2	Innovative Wastewater Technologies	2
2	2		Credit 3	Water Use Reduction	2 to 4

Energy and Atmosphere — Possible Points: 35

Y	?	N			
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
6	13		Credit 1	Optimize Energy Performance	1 to 19
1	6		Credit 2	On-Site Renewable Energy	1 to 7
2			Credit 3	Enhanced Commissioning	2
2			Credit 4	Enhanced Refrigerant Management	2
3			Credit 5	Measurement and Verification	3
	2		Credit 6	Green Power	2

Materials and Resources — Possible Points: 14

Y	?	N			
Y			Prereq 1	Storage and Collection of Recyclables	
		3	Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
		3	Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
		2	Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	?	N			
2			Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
	1		Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

Indoor Environmental Quality — Possible Points: 15

Y	?	N			
Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
	1		Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction IAQ Management Plan—During Construction	1
1			Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
1			Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
	1		Credit 4.3	Low-Emitting Materials—Flooring Systems	1
1			Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
1			Credit 5	Indoor Chemical and Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems—Lighting	1
1			Credit 6.2	Controllability of Systems—Thermal Comfort	1
1			Credit 7.1	Thermal Comfort—Design	1
	1		Credit 7.2	Thermal Comfort—Verification	1
	1		Credit 8.1	Daylight and Views—Daylight	1
1			Credit 8.2	Daylight and Views—Views	1

Innovation and Design Process — Possible Points: 6

Y	?	N			
1			Credit 1.1	Innovation in Design: Specific Title	1
1			Credit 1.2	Innovation in Design: Specific Title	1
	1		Credit 1.3	Innovation in Design: Specific Title	1
	1		Credit 1.4	Innovation in Design: Specific Title	1
	1		Credit 1.5	Innovation in Design: Specific Title	1
1			Credit 2	LEED Accredited Professional	1

Regional Priority Credits — Possible Points: 4

Y	?	N			
1			Credit 1.1	Regional Priority: Specific Credit	1
1			Credit 1.2	Regional Priority: Specific Credit	1
	1		Credit 1.3	Regional Priority: Specific Credit	1
	1		Credit 1.4	Regional Priority: Specific Credit	1

Total — Possible Points: 110

Y	?	N	
60	41	11	Certified 40 to 49 points · Silver 50 to 59 points · Gold 60 to 79 points · Platinum 80 to 110

* Property remains subject to the C3C Zone Requirements, and, is not subject to the Green Area Ratio requirements, and this score-sheet is provided for informational purposes only

** GAR calculations shown here are for informational purposes only and are subject to change based on final design of project's green roof and landscaping, but in no event will the project's GAR be reduced below 0.2 notwithstanding that the project is not subject to the GAR requirement

*** LEED score-sheet id provided for informational purposes and is subject to change

TORTI GALLAS URBAN

DISTRICT OF COLUMBIA GOVERNMENT
OFFICE OF THE SURVEYOR

Washington, D.C., November 21, 2017

Plat for Building Permit of: SQUARE 542 LOT 822

Scale: 1 inch = 50 feet Recorded in Book A & T Page 3838 - B

Receipt No. 18-01110

Furnished to: DIANA HERNDON

Surveyor, D.C.

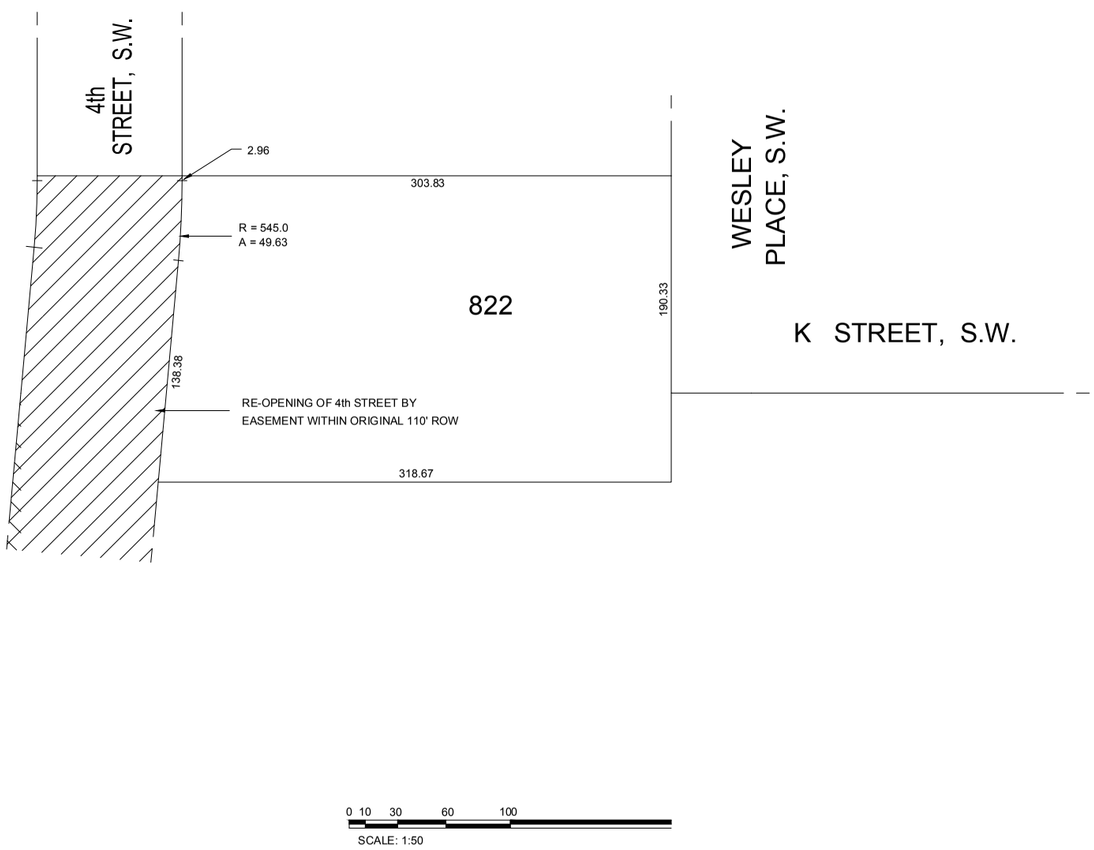
By: A.S.

I hereby certify that all existing improvements shown thereon, are completely dimensioned, and are correctly platted; that all proposed buildings or construction, or parts thereof, including covered porches, are correctly dimensioned and platted and agree with plans accompanying the application; that the foundation plans as shown hereon is drawn, and dimensioned accurately to the same scale as the property lines shown on this plat; and that by reason of the proposed improvements to be erected as shown hereon the size of any adjoining Lot or premises is not decreased to an area less than is required by the Zoning Regulations for light and ventilation; and it is further certified that all Lot divisions or combinations pending at the Office of Tax & Revenue are correctly depicted, and it is further certified and agreed that accessible parking area where required by the Zoning Regulations will be reserved in accordance with the Zoning Regulations, and that this area has been correctly drawn and dimensioned hereon. It is further agreed that the elevation of the accessible parking area with respect to the Highway Department approved curb and alley grade will not result in a rate of grade along centerline of driveway at any point on private property in excess of 20% for single-family dwellings or flats, or in excess of 12% at any point for other buildings. (The policy of the Highway Department permits a maximum driveway grade of 12% across the public parking and private restricted property.) Owner/Agent shall indemnify, defend, and hold the District, its officers,employees and agents harmless from and against any and all losses, costs, claims, damages, liabilities, and causes of action (including reasonable attorneys' fees and court costs) arising out of death of or injury to any person or damage to any property occurring on or adjacent to the Property and directly or indirectly caused by any acts done thereon or any acts or omissions of Owner/Agent; provided however, that the foregoing indemnity shall not apply to any losses, costs, claims,damages,liabilities,and causes of action due solely to the gross negligence or willful misconduct of District or its officers, employees or agents. It is the policy of the Office of the Zoning Administrator that a Building Plat is valid for six (6) months from the date of issuance.

Date: _____

(Signature of owner or authorized agent)

NOTE: Data shown for Assessment and Taxation Lots or Parcels are in accordance with the records of the Department of Finance and Revenue, Assessment Administration, and do not necessarily agree with deed description.



SR-18-01110(2017)
* E-MAIL

TORTI
GALLAS
URBAN