



Site Elevation – A-0.10



EXISTING ROWHOMES

PROPOSED 5-STORY BUILDING

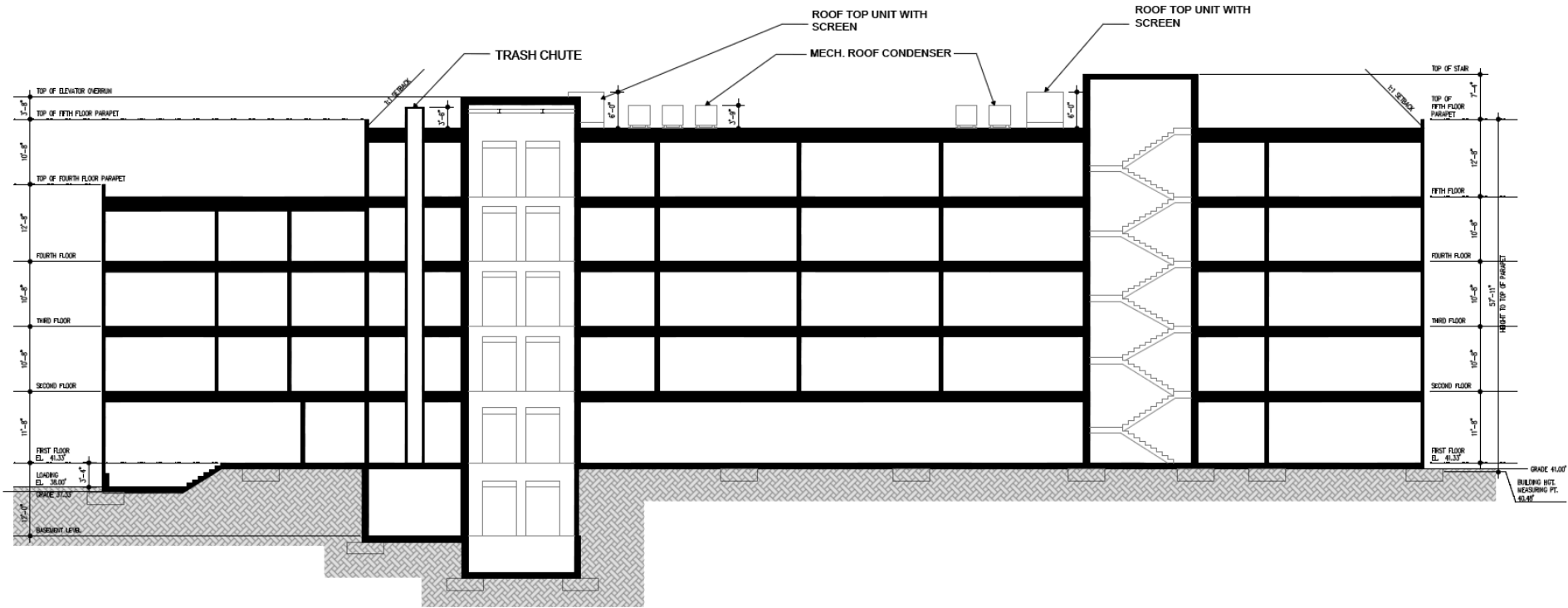
FUTURE 5-STORY BUILDING

34TH ST NE

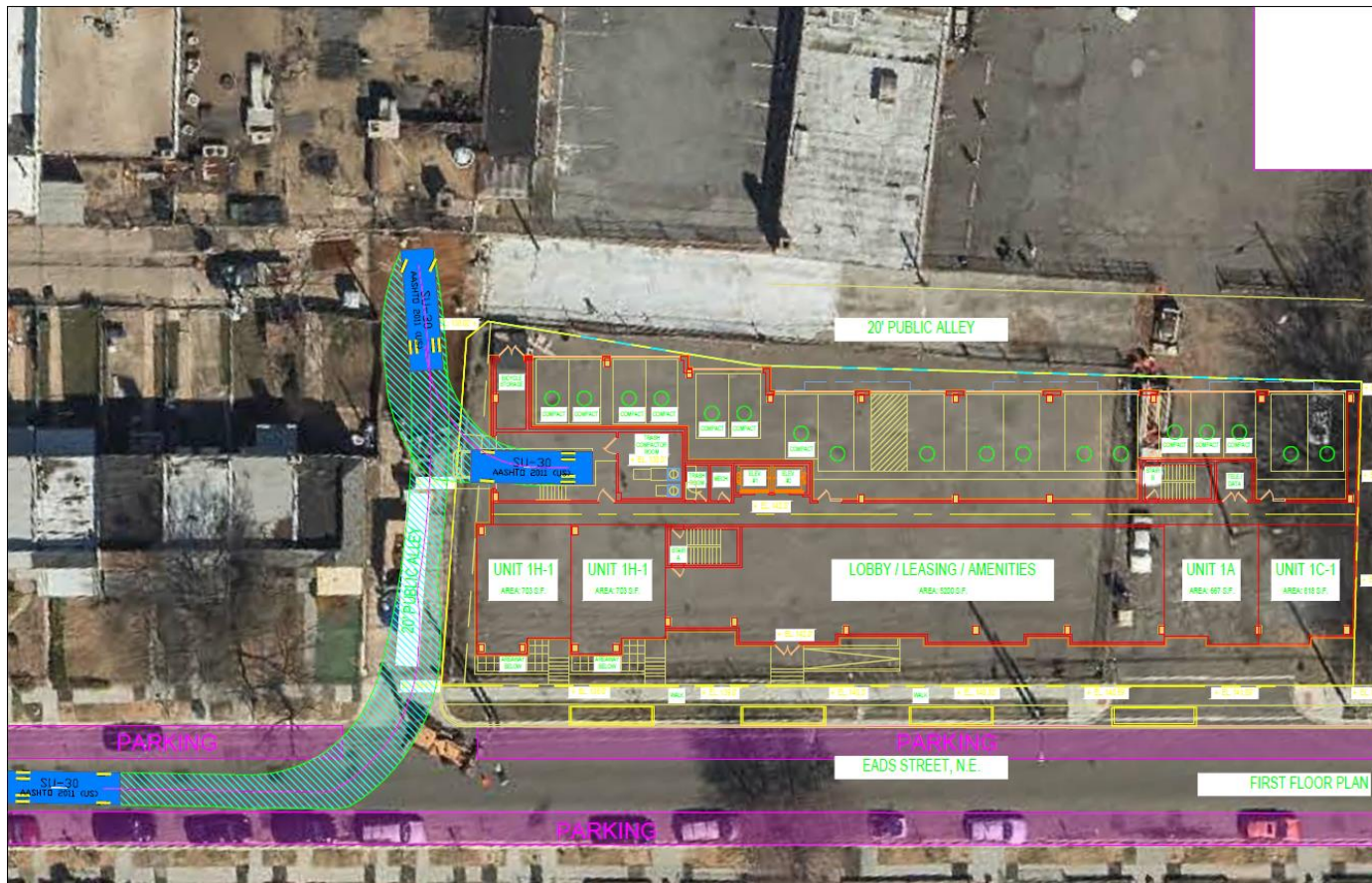
EXISTING ALLEY

36TH ST NE

Site Elevation – A-0.10



Building Section – A-4.1



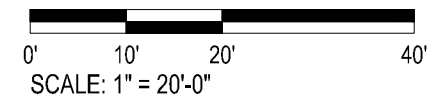


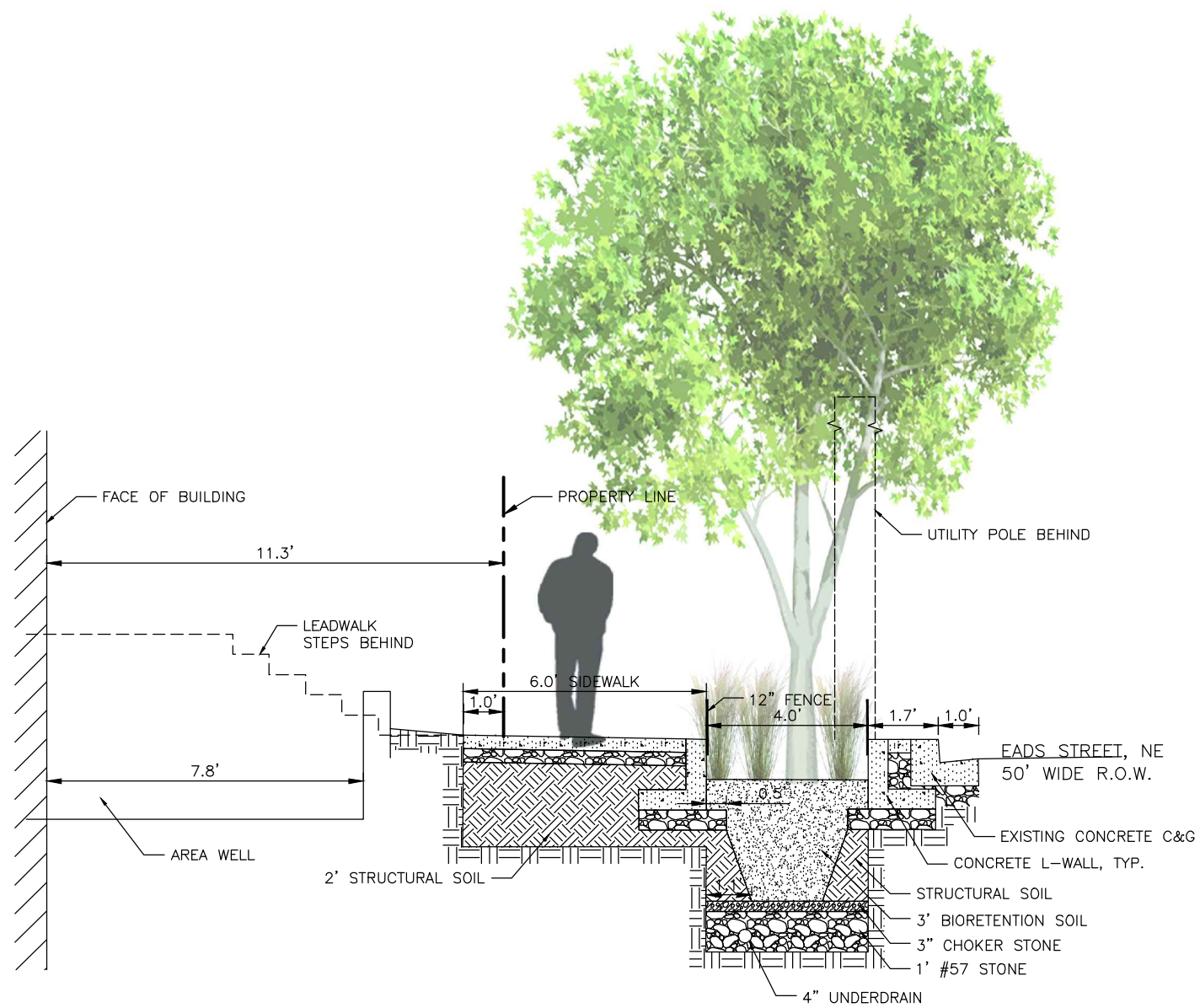


KEYNOTES

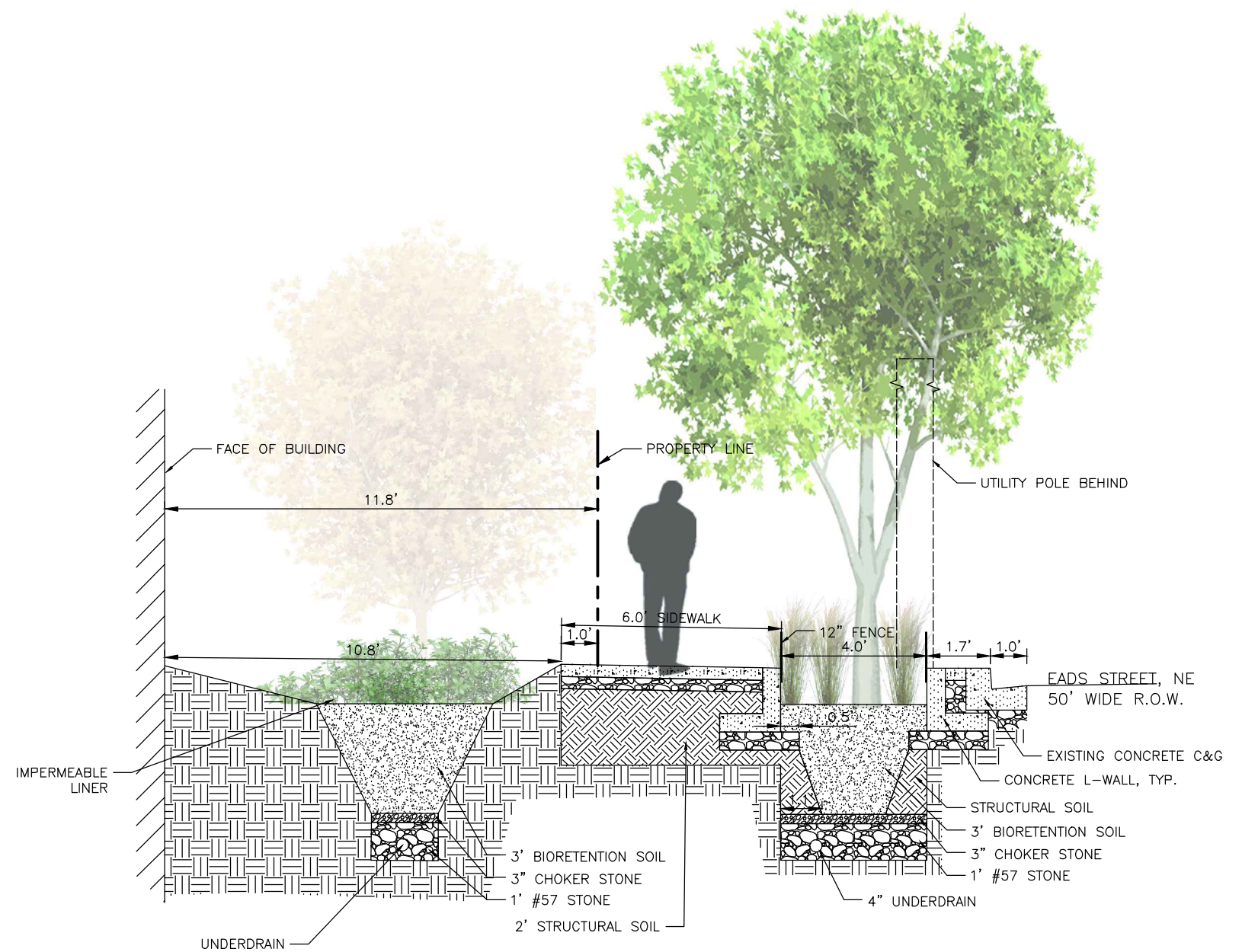
- 1 LOADING ENTRANCE, SEE SITE PLAN
- 2 TREE BOX WITH EXISTING TREE, TREE FENCE ON 3 SIDES
- 3 TREE BOX WITH NEW TREE, TREE FENCE ON 3 SIDES
- 4 BIORETENTION PLANTING AREA, TREE FENCE ON 4 SIDES
- 5 3' X 3' DDOT SCORED CONCRETE
- 6 STAIR AND RAILING TO AT-GRADE UNIT ENTRANCES
- 7 EXISTING DDOT COBRAHEAD STREETLIGHT
- 8 ON-SITE BIORETENTION AREA, PLANTED WITH NATIVE TALL GROUNDCOVER / LOW SHRUBS AND SMALL TREES
- 9 5TH FLOOR EXTENSIVE GREEN ROOF (4"-8" DEPTH)
- 10 UPPER ROOF EXTENSIVE GREEN ROOF (4"-8" DEPTH)
- 11 AREAWAY BELOW, SEE ARCH. PLANS
- 12 WALKWAY WITH BUILDING ENTRANCE
- 13 STAIR TO BUILDING ENTRANCE
- 14 GARAGE ENTRANCES ALONG ALLEY
- 15 LANDSCAPE AREA, PLANTED WITH NATIVE TALL GROUNDCOVER / LOW SHRUBS

NOTE: FINAL STREETSCAPE MATERIALS TO BE COORDINATED WITH MINNESOTA AVE - BENNING ROAD GREAT STREETS LOCAL PLAN, AS REQUIRED





LANDSCAPE SECTION A-A'
SCALE: 1"=4'

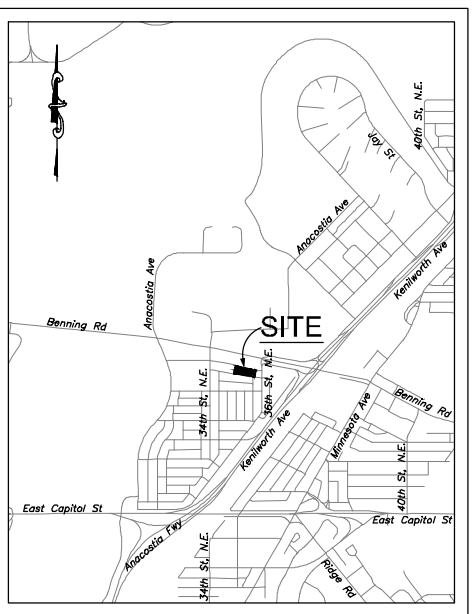
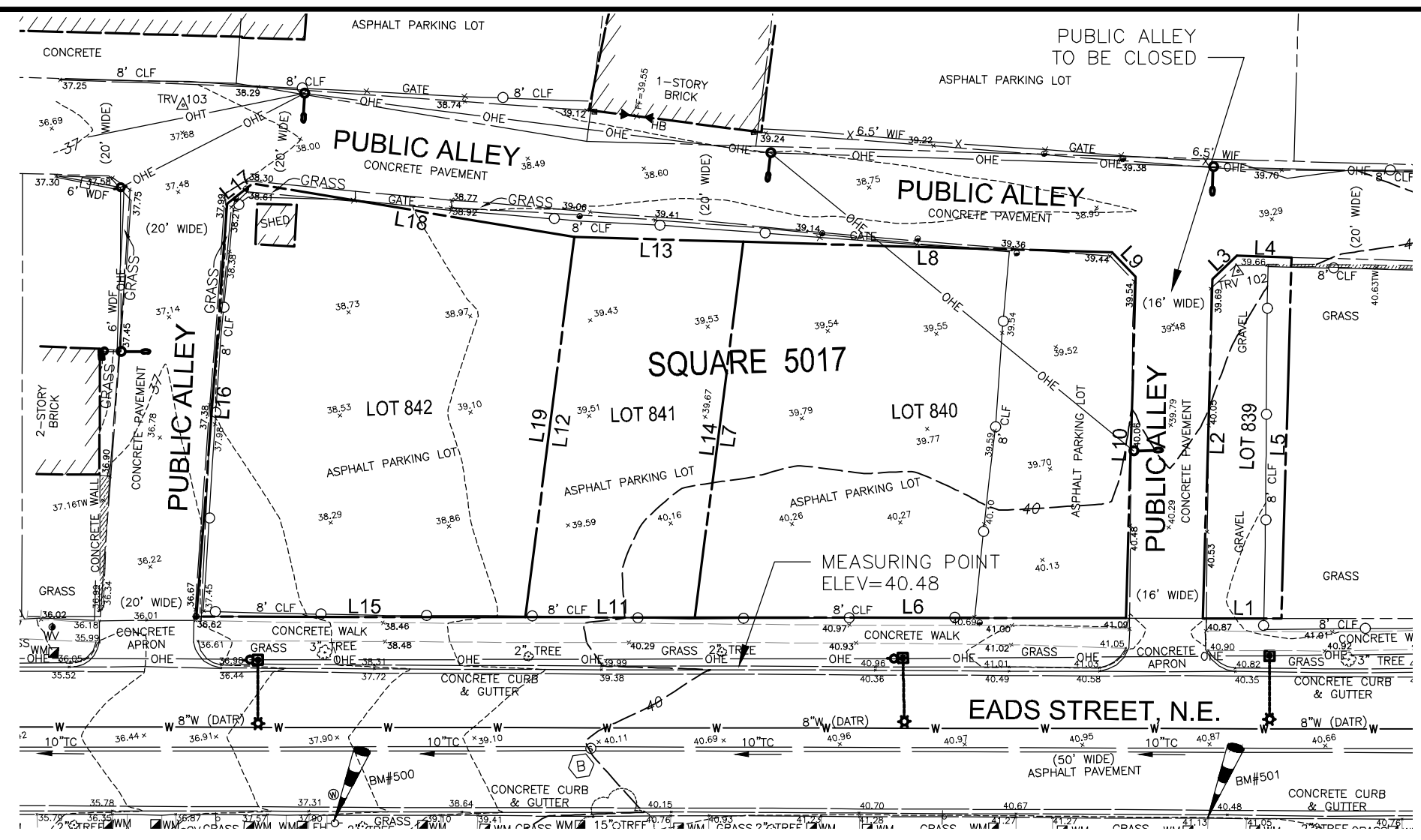


LANDSCAPE SECTION B-B'
SCALE: 1"=4'

Green Area Ratio Scoresheet					
Address 3450 Eads Street NE		Square	Lot	Zone District	
		5017	839	MU-6	
DRAFT SCORESHEET					
Lot area (sf)		Multiplier	GAR score		
17,863			0.355		
Landscape Elements					
A	Landscaped areas (select one of the following for each area)	Square Feet	Factor	Total	
1	Landscaped areas with a soil depth < 24"	square feet <input type="text" value="1,656"/>	0.3	496.8	
2	Landscaped areas with a soil depth ≥ 24"	square feet <input type="text" value="0"/>	0.6	-	
3	Bioretention facilities	square feet <input type="text" value="546"/>	0.4	218.4	
B	Plantings (credit for plants in landscaped areas from Section A)	Square Feet	Factor	Total	
1	Groundcovers, or other plants < 2' height	square feet <input type="text" value="0"/>	0.2	-	
2	Plants ≥ 2' height at maturity - calculated at 9-sf per plant	Adjusted # of plants 137	0.3	368.6	
	square feet <input type="text" value="546"/> Coverage for Shrubs, Perennials, and Grasses ≥ 2' height				
	# of plants <input type="text" value="0"/> Trees with < 400 cubic feet of soil or below minimum planting size				
3	New trees with less than 40-foot canopy spread - calculated at 50 sq ft per tree	# of trees <input type="text" value="4"/>	0.5	100.0	
4	New trees with 40-foot or greater canopy spread - calculated at 250 sq ft per tree	# of trees <input type="text" value="0"/>	0.6	-	
5	Preservation of existing tree 6" to 12" DBH - calculated at 250 sq ft per tree	# of trees <input type="text" value="0"/>	0.7	-	
6	Preservation of existing tree 12" to 18" DBH - calculated at 600 sq ft per tree	# of trees <input type="text" value="0"/>	0.7	-	
7	Preservation of existing trees 18" to 24" DBH - calculated at 1300 sq ft per tree	# of trees <input type="text" value="0"/>	0.7	-	
8	Preservation of existing trees 24" DBH or greater - calculated at 2000 sq ft per tree	# of trees <input type="text" value="0"/>	0.8	-	
9	Vegetated wall, plantings on a vertical surface	square feet <input type="text" value="0"/>	0.6	-	
C	Vegetated or "green" roofs	Square Feet	Factor	Total	
1	Over at least 2" and less than 8" of growth medium	square feet <input type="text" value="8,600"/>	0.6	5,160.0	
2	Over at least 8" of growth medium	square feet <input type="text" value="0"/>	0.8	-	
D	Permeable Paving***	Square Feet	Factor	Total	
1	Permeable paving over 6" to 24" of soil or gravel	square feet <input type="text" value="0"/>	0.4	-	
2	Permeable paving over at least 24" of soil or gravel	square feet <input type="text" value="0"/>	0.5	-	
E	Other	Square Feet	Factor	Total	
1	Enhanced tree growth systems***	square feet <input type="text" value="0"/>	0.4	-	
2	Renewable energy generation	square feet <input type="text" value="0"/>	0.5	-	
3	Approved water features	square feet <input type="text" value="0"/>	0.2	-	
F	Bonuses	Square Feet	Factor	Total	
1	Native plant species	square feet <input type="text" value="0"/>	0.1	-	
2	Landscaping in food cultivation	square feet <input type="text" value="0"/>	0.1	-	
3	Harvested stormwater irrigation	square feet <input type="text" value="0"/>	0.1	-	
		Green Area Ratio numerator =	6,344		
		sub-total of sq.ft =	12,231		
*** 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.					

*REQUIRED GAR SCORE FOR ZONE MU-6 IS 0.3

NOTE: DESIGN INTENT SHOWN ON THE DRAFT SCORESHEET HERE. FINAL GREEN AREA RATIO SCORESHEET TO BE DEVELOPED DURING DESIGN.



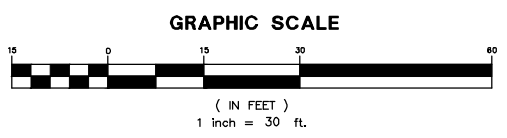
VICINITY MAP

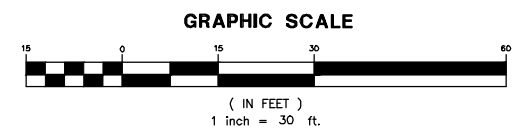
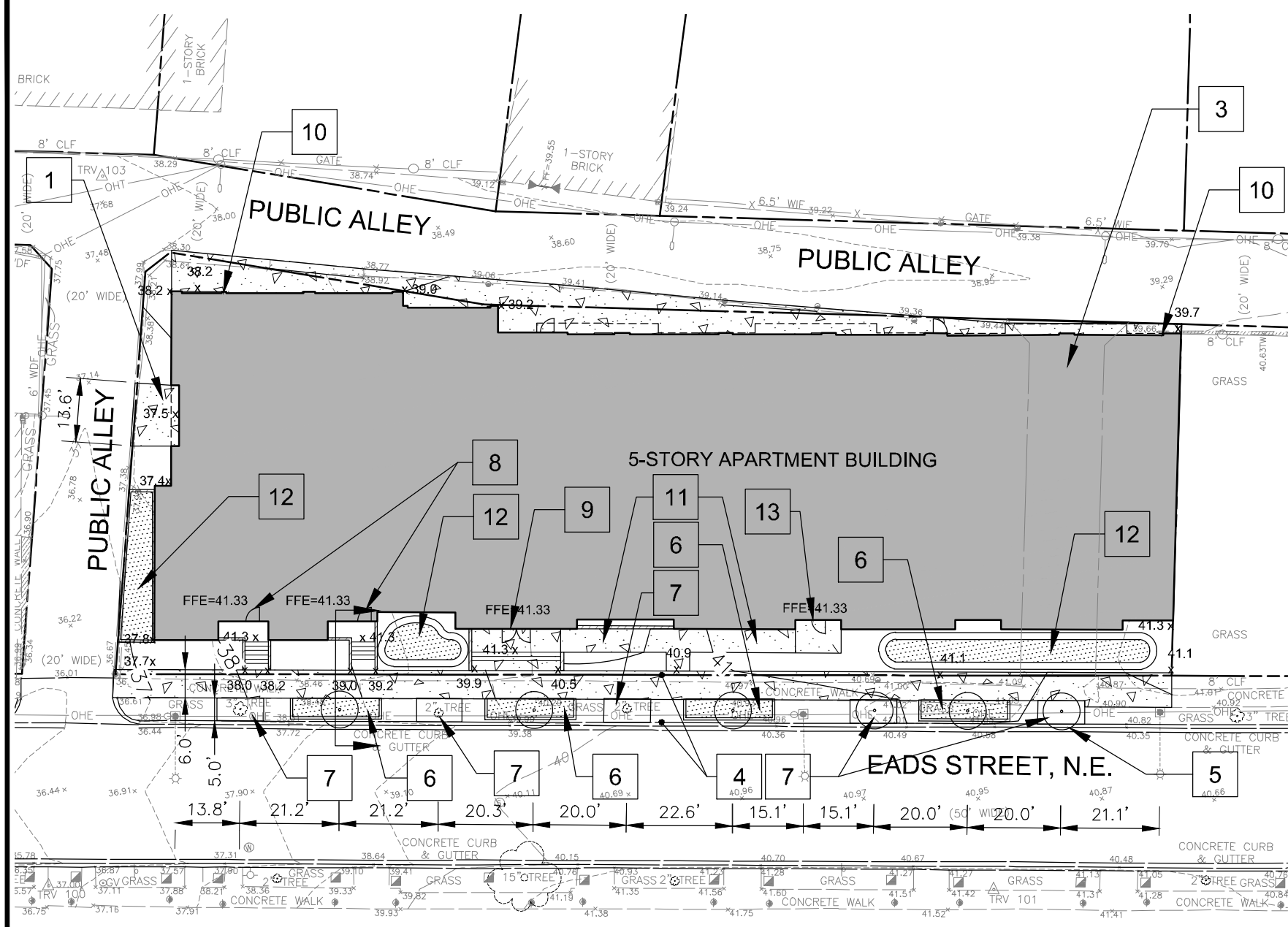
LEGEND:

- | | | | |
|--|------------------------------|--|---------------------------|
| | TREE | | CURB AND GUTTER |
| | ROOF DRAIN | | WATER LINE (DATR) |
| | STORM MANHOLE | | OVERHEAD TELEPHONE LINE |
| | POST | | OVERHEAD ELECTRIC LINE |
| | SINGLE POST SIGN | | WOOD FENCE |
| | COMMUNICATION MANHOLE | | WROUGHT IRON FENCE |
| | POWER POLE WITH STREET LIGHT | | CHAIN LINK FENCE |
| | POWER POLE | | DATA ACCORDING TO RECORDS |
| | LIGHT POLE | | REINFORCED CONCRETE PIPE |
| | ELECTRIC METER | | TERRACOTTA PIPE |
| | ELECTRIC BOX | | FINISH FLOOR ELEVATION |
| | GROUND SHOT | | TOP OF WALL |
| | GAS VALVE | | WIDTH DOOR |
| | SANITARY SEWER MANHOLE | | BUILDING |
| | WATER VALVE | | WALL |
| | FIRE HYDRANT | | |
| | HOSE BIBB | | |
| | WATER MANHOLE | | |
| | WATER METER | | |
| | BOLLARD | | |
| | TRAVERSE | | |
| | BENCHMARK | | |

NOTES:

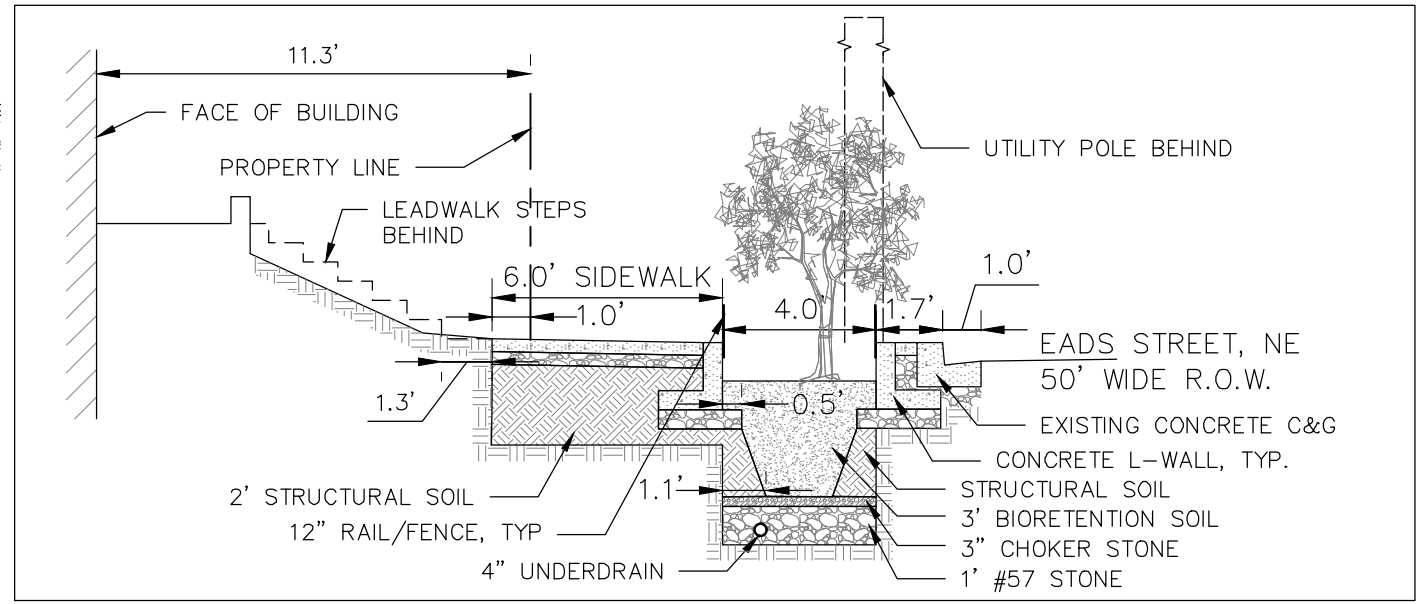
- HORIZONTAL DATUM: DISTRICT OF COLUMBIA SURVEYOR'S OFFICE MERIDIAN
- VERTICAL DATUM: DISTRICT OF COLUMBIA DEPARTMENT OF PUBLIC WORKS. (DC DPW COMPOSITE PLAN USED: LM-3-4-NE SEWER)
- PROPERTY IS ZONED: LOTS 839-842 (R-3)
- BOUNDARY INFORMATION SHOWN HEREON WAS OBTAINED FROM RECORDS AND VERIFIED IN THE FIELD INSOFAR AS POSSIBLE. PROPERTY LINE DIMENSIONS FROM OFFICIAL CITY RECORDS MAY NOT NECESSARILY AGREE WITH ACTUAL MEASURED DIMENSIONS. ALL PROPERTY LINES IN THE DISTRICT OF COLUMBIA ARE SUBJECT TO CHANGE BY THE OFFICE OF THE SURVEYOR, D.C. THIS SURVEY DOES NOT REFLECT A "SURVEY TO MARK". THE PROPERTY LINE REFLECTED ON THIS SURVEY IS NOT TO BE USED FOR ANY CONSTRUCTION STAKEOUT PURPOSES; A "SURVEY TO MARK" MUST BE APPROVED BY THE OFFICE OF THE SURVEYOR PRIOR TO BEGINNING ANY BUILDING DEMOLITION OR CONSTRUCTION OPERATIONS.
- THE UNDERGROUND UTILITIES INDICATED HEREON ARE DERIVED FROM PLANS SUPPLIED BY VARIOUS UTILITY COMPANIES. THE LOCATION OF THESE UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND OTHER UTILITIES MAY EXIST WHICH HAVE NO RECORD DATA OR ARE UNDETECTABLE WITH CONVENTIONAL METHODS. NO GUARANTEE OR WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF UTILITY INFORMATION PROVIDED HEREON. UTILITIES LABELED (DATR) ARE SHOWN BASED UPON "DATA ACCORDING TO RECORDS".
- CONTOUR INTERVAL IS ONE (1) FOOT.



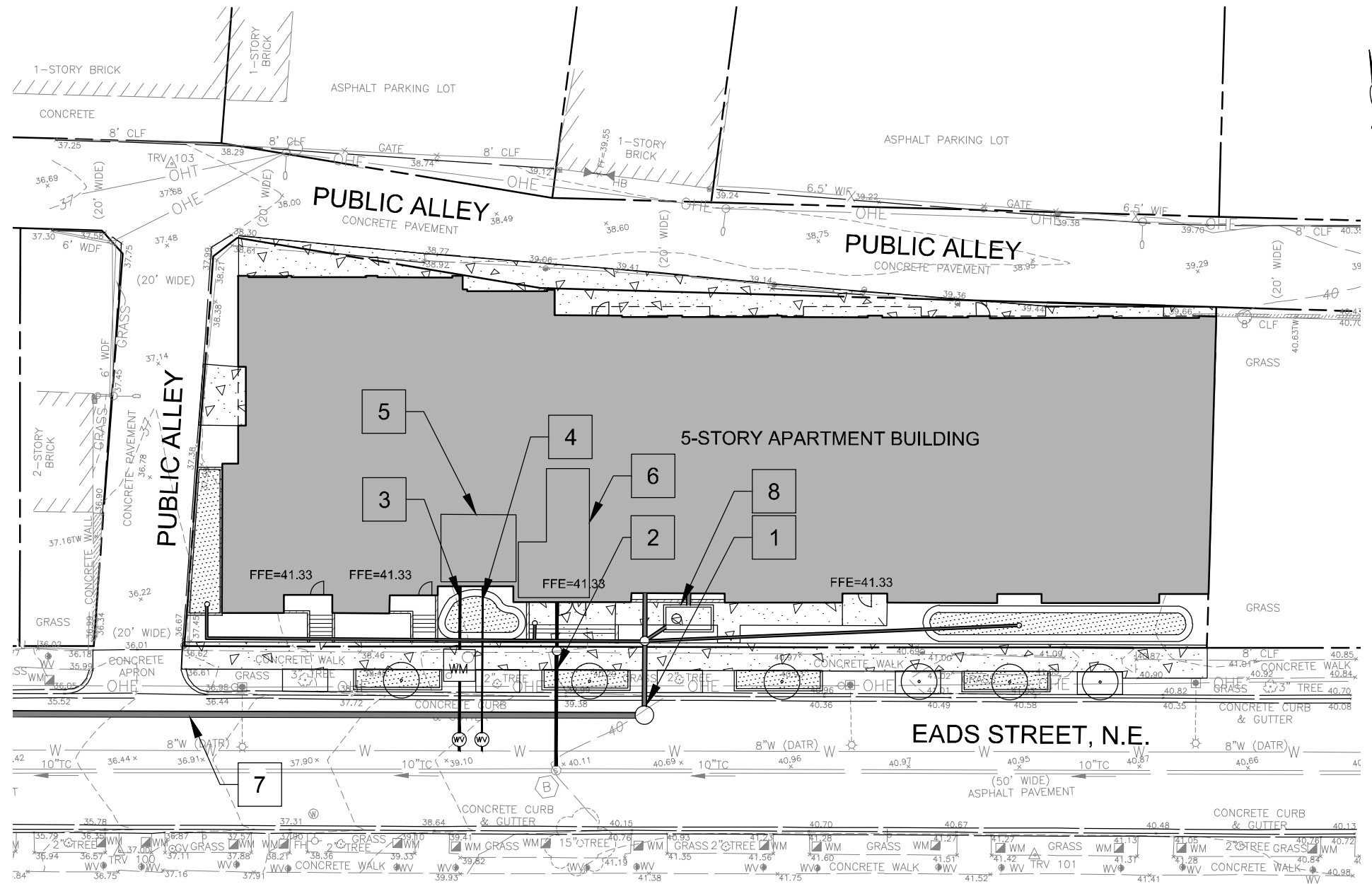


KEYNOTES

- 1 LOADING ENTRANCE
- 2 UNUSED
- 3 16' WIDE PUBLIC ALLEY TO BE CLOSED
- 4 HEIGHT ACT MEASURING POINT ELEVATION=40.6
ZONING ACT MEASURING POINT ELEVATION=40.5
- 5 EXISTING ALLEY CURB CUT TO BE REMOVED.
NEW CURB AND SIDEWALK TO BE INSTALLED
- 6 4'x20' STREETSIDE BIORETENTION WITH
STEP-OUT ZONE
- 7 5'x10' TREE BOX
- 8 AT-GRADE UNIT ENTRANCE
- 9 MAIN BUILDING ENTRANCE
- 10 PARKING ENTRANCES FROM ALLEY
(BETWEEN KEYNOTE LEADERS)
- 11 WALKWAY AT 2% SLOPE WITH HANDRAILS
- 12 ON-SITE BIORETENTION FACILITY
- 13 COMMUNITY ROOM ENTRANCE



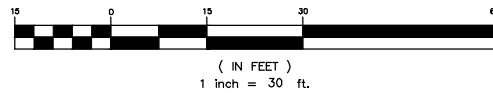
SIDEWALK SECTION
 SCALE: 1"=5'

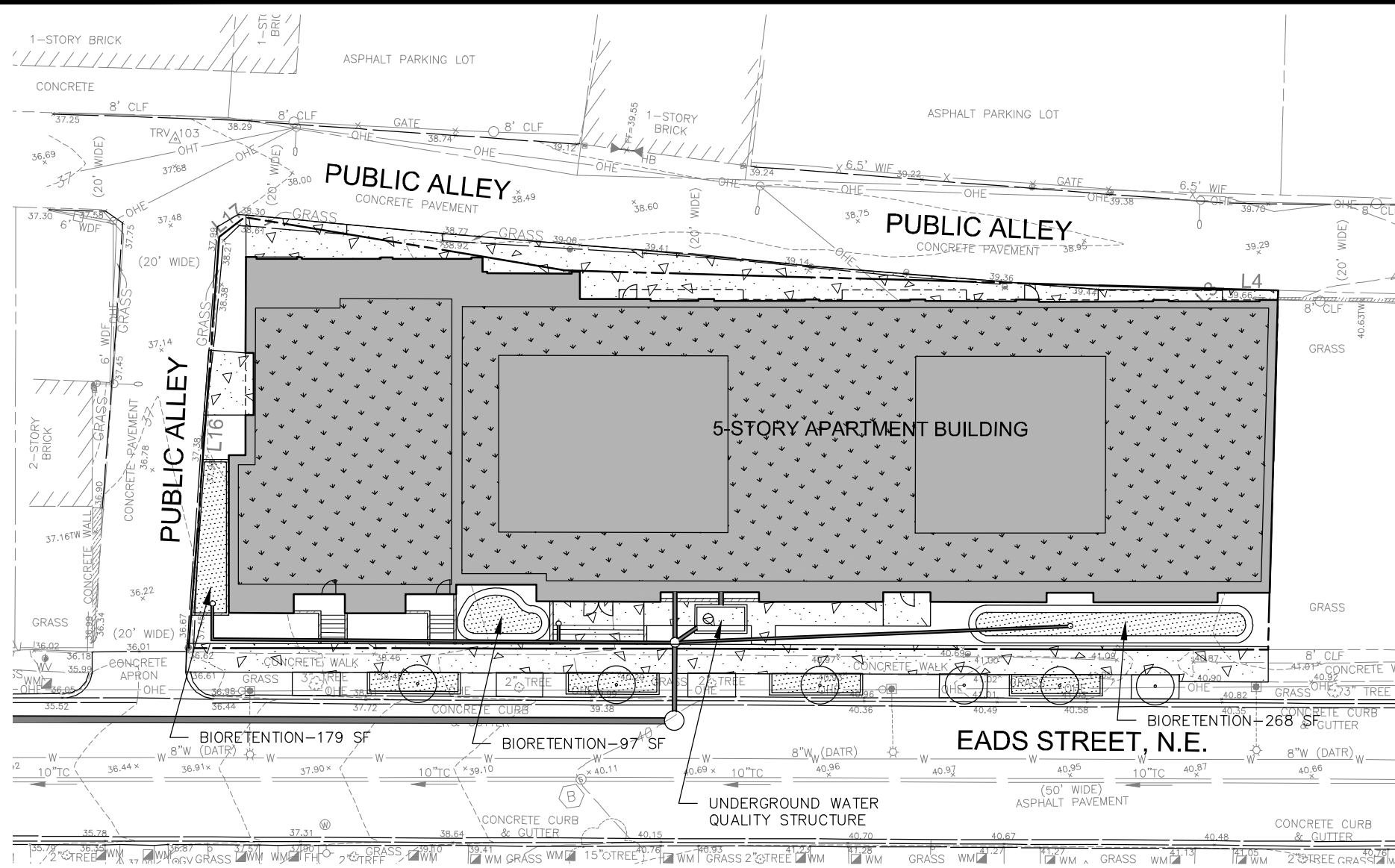


KEYNOTES

- 1 STORM CONNECTION TO NEW STORM DRAIN
- 2 SANITARY CONNECTION TO 10" SANITARY SEWER MAIN AT EXISTING MANHOLE
- 3 4" DOMESTIC WATER CONNECTION TO 8" WATER MAIN
- 4 6" FIRE CONNECTION TO 8" WATER MAIN
- 5 WATER ROOM
- 6 ELECTRICAL ROOM
- 7 NEW 15" RCPR STORM DRAIN TO CONNECT TO EXISTING STORM INFRASTRUCTURE IN 34TH STREET, NE
- 8 UNDERGROUND WATER QUALITY STRUCTURE

GRAPHIC SCALE





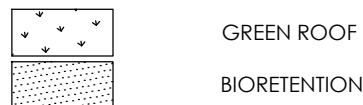
STORMWATER MANAGEMENT NARRATIVE

THE SITE WILL MEET ITS STORMWATER RETENTION VOLUME WITH A COMBINATION OF GREEN ROOF AND BIORETENTION.

BECAUSE THE SITE FALLS WITHIN THE ANACOSTIA WATERSHED DEVELOPMENT ZONE, THERE IS AN ADDITIONAL WATER QUALITY TREATMENT VOLUME. THIS WILL BE MANAGED WITH A WATER QUALITY STRUCTURE DESIGNED TO REMOVE SUSPENDED SOLIDS FROM STORMWATER RUNOFF. AREAS OF THE SITE THAT DO NOT DRAIN INTO GREEN ROOF OR BIORETENTION FACILITIES, INCLUDING ALL VEHICULAR ACCESS AREAS, WILL BE COLLECTED AND TREATED IN THIS WATER QUALITY STRUCTURE.

NO WETLANDS, STREAMS, OR WATER COURSES ARE LOCATED ON AND/OR ADJACENT TO THE PROPERTY.

LEGEND



STORMWATER RUNOFF CALCULATIONS

2-YEAR PRE-DEVELOPMENT (MEADOW CONDITION; C=0.35) RUNOFF = 0.8 CFS
 15-YEAR PRE-DEVELOPMENT (MEADOW CONDITION; C=0.35) RUNOFF = 1.1 CFS
 2-YEAR POST-DEVELOPMENT (IMPERVIOUS CONDITION; C=0.90) RUNOFF = 2.0 CFS
 15-YEAR POST-DEVELOPMENT (IMPERVIOUS CONDITION; C=0.90) RUNOFF = 2.8 CFS

NOTE: TO MEET DC STORMWATER REGULATIONS, THE 2-YEAR POST-PROJECT RUNOFF WILL BE KEPT BELOW THE PRE-DEVELOPMENT 2-YEAR FLOW (CFS), AND THE 15-YEAR POST-PROJECT RUNOFF WILL BE LESS THAN THE PRE-PROJECT 15-YEAR FLOW.

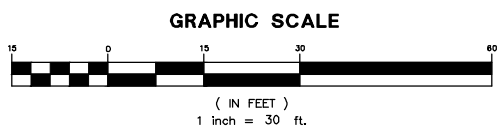
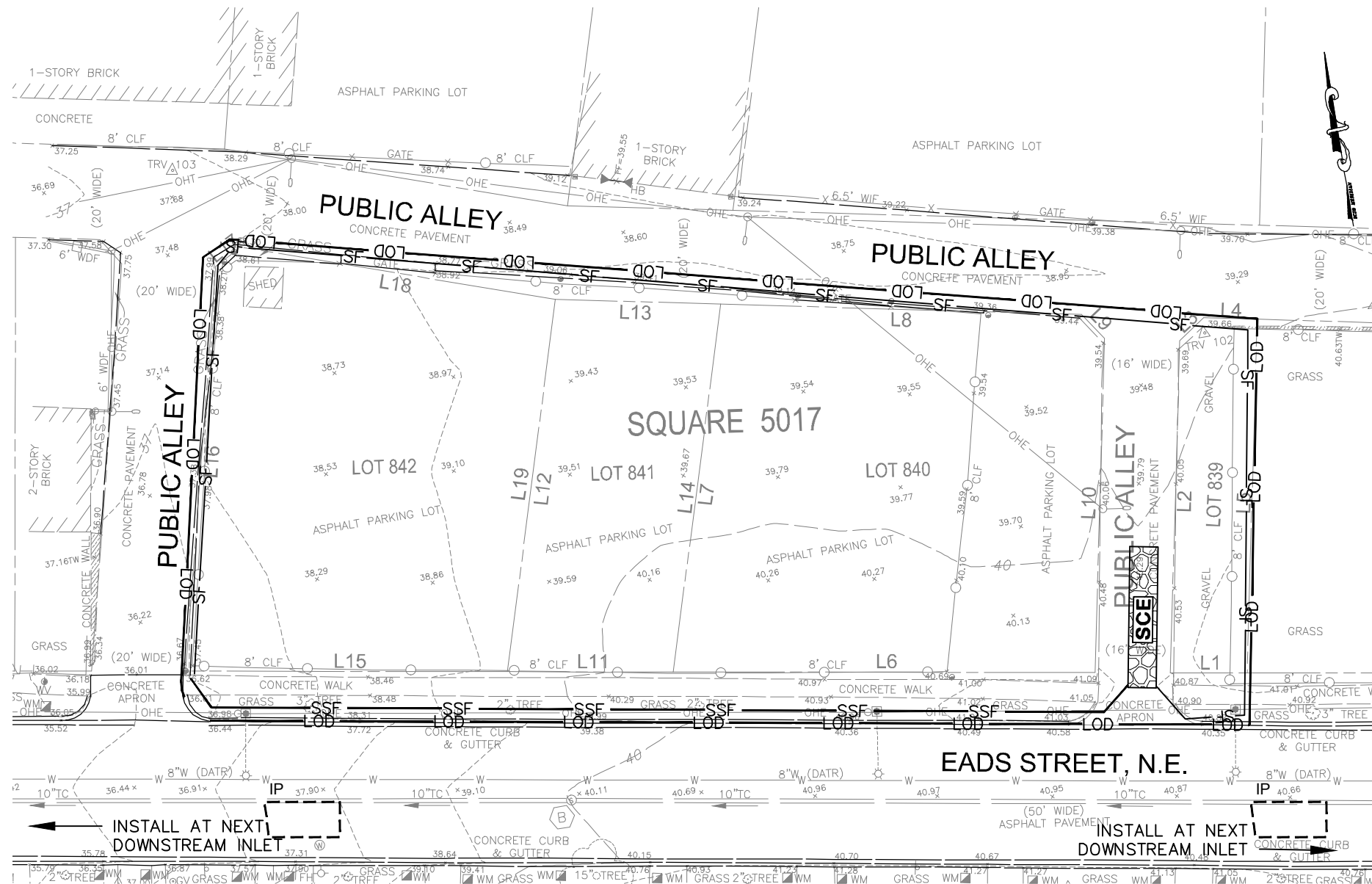


Table 3.1 Extensive Green Roof Material Specifications

Material	Specification
Roof	Structural capacity must conform to ASTM E-2397-05, <i>Practice for Determination of Live Loads and Dead Loads Associated with Vegetative (Green) Roof Systems</i> . In addition, use standard test methods ASTM E2398-05 for <i>Water Capture and Media Retention of Geocomposite Drain Layers for Green (Vegetated) Roof Systems</i> and ASTM E 2399-05 for <i>Maximum Media Density for Dead Load Analysis</i> .
Leak Detection System	Optional system to detect and locate leaks in the waterproof membrane.
Waterproof Membrane	See Chapter 6 of Weiler and Scholz-Barth (2009) for waterproofing options that are designed to convey water horizontally across the roof surface to drains or gutter. This layer may sometimes act as a root barrier.
Root Barrier	Impermeable liner that impedes root penetration of the membrane.
Drainage Layer	Depth of the drainage layer is generally 0.25 to 1.5 inches thick for extensive designs. The drainage layer should consist of synthetic or inorganic materials (e.g., gravel, high density polyethylene (HDPE), etc.) that are capable of retaining water and providing efficient drainage. A wide range of prefabricated water cups or plastic modules can be used, as well as a traditional system of protected roof drains, conductors, and roof leaders. Designers should consult the material specifications as outlined in ASTM E2396 and E2398. Roof drains and emergency overflow must be designed in accordance with the District's construction code (DCMR, Title 12).
Filter Fabric	Generally needle-punched, non-woven, polypropylene geotextile, with the following qualities: <ul style="list-style-type: none"> Strong enough and adequate puncture resistance to withstand stresses of installing other layers of the green roof. Density as per ASTM D3776 ≥ 8 oz/yd². Puncture resistance as per ASTM D4833 ≥ 130 lb. These values can be reduced with submission of a Product Data Sheet and other documentation that demonstrates applicability for the intended use. Adequate tensile strength and tear resistance for long term performance. Allows a good flow of water to the drainage layer. Apparent Opening Size, as per ASTM D4751, of ≥ 0.06mm ≤ 0.2mm, with other values based on Product Data Sheet and other documentation as noted above. Allows at least fine roots to penetrate. Adequate resistance to soil borne chemicals or microbial growth both during construction and after completion since the fabric will be in contact with moisture and possibly fertilizer compounds.
Growth Media	70% to 80% lightweight inorganic materials and a maximum of 30% organic matter (e.g., well-aged compost). Media typically has a maximum water retention of approximately 30%. Material makeup and proof of maximum water retention of the growing media must be provided. Media must provide sufficient nutrients and water holding capacity to support the proposed plant materials. Determine acceptable saturated water permeability using ASTM E2396-05.
Plant Materials	<i>Sedum</i> , herbaceous plants, and perennial grasses that are shallow-rooted, low maintenance, and tolerant of direct sunlight, drought, wind, and frost. See ASTM E2400-06, <i>Guide for Selection, Installation and Maintenance of Plants for Green (Vegetated) Roof Systems</i> .

Table 3.22 Bioretention Material Specifications

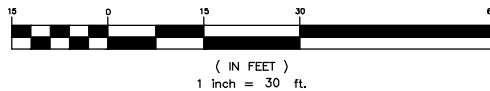
Material	Specification	Notes
Filter Media	See Table 3.20	Minimum depth of 24 inches (18 inches for small-scale practices) To account for settling/compaction, it is recommended that 110% of the plan volume be utilized.
Mulch Layer	Use aged, shredded hardwood bark mulch	Lay a 2 to 3-inch layer on the surface of the filter bed.
Alternative Surface Cover	Use river stone or pea gravel, coir and jute matting, or turf cover.	Lay a 2 to 3-inch layer of to suppress weed growth.
Top Soil For Turf Cover	Loamy sand or sandy loam texture, with less than 5% clay content, pH corrected to between 6 and 7, and an organic matter content of at least 2%.	3-inch tilled into surface layer.
Geotextile or Choking Layer	An appropriate geotextile fabric that complies with AASHTO M-288 Class 2, latest edition, requirements and has a permeability of at least an order of magnitude higher (10x) than the soil subgrade permeability must be used	Can use in place of the choking layer where the depth of the practice is limited. Geotextile fabric may be used on the sides of bioretention areas, as well.
	Lay a 2 to 4 inch layer of choker stone (e.g., typically No.8 or No.89 washed gravel) over the underdrain stone.	
Underdrain stone	1-inch diameter stone must be double-washed and clean and free of all fines (e.g., ASTM D448 No. 57 or smaller stone).	At least 2 inches above and below the underdrain.
Storage Layer (optional)	To increase storage for larger storm events, chambers, perforated pipe, stone, or other acceptable material can be incorporated below the filter media layer	
Impermeable Liner (optional)	Where appropriate, use a thirty mil (minimum) PVC Geomembrane liner	
Underdrains, Cleanouts, and Observation Wells	Use 4- or 6-inch rigid schedule 40 PVC pipe, or equivalent corrugated HDPE for small bioretention BMPs, with 3/8-inch perforations at 6 inches on center. Multiple underdrains are necessary for bioretention areas wider than 40 feet, and each underdrain must be located no more than 20 feet from the next pipe or the edge of the bioretention.	Lay the perforated pipe under the length of the bioretention cell, and install non-perforated pipe as needed to connect with the storm drain system or to daylight in a stabilized conveyance. Install T's and Y's as needed, depending on the underdrain configuration. Extend cleanout pipes to the surface.



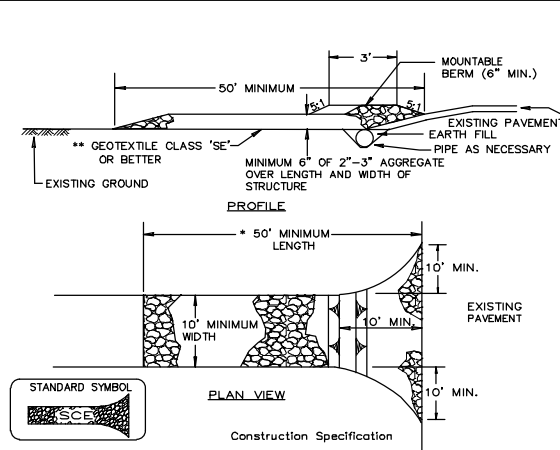
LEGEND

- LOD — LIMITS OF DISTURBANCE=21,369 SF
- IP — INLET PROTECTION
- SSF — SUPER SILT FENCE
- SF — SILT FENCE
- SCE — 10'x50' STABILIZED CONSTRUCTION ENTRANCE

GRAPHIC SCALE



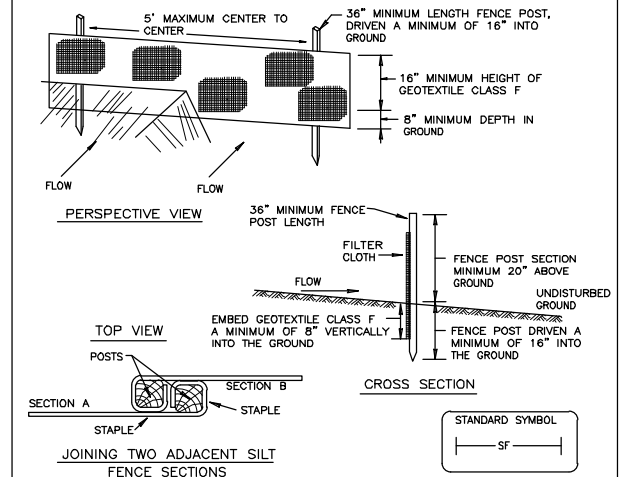
DETAIL 1 – STABILIZED CONSTRUCTION ENTRANCE



- LENGTH – MINIMUM OF 50' (*30' FOR SINGLE RESIDENCE LOT).
- WIDTH – 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. **THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.
- STONE – CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
- SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED. THE MOUNTABLE BERM IS REQUIRED ON ALL SCES NOT LOCATED AT A HIGH SPOT.
- LOCATION – A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE PAGE A-1-1-3 WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

DETAIL 4 – SILT FENCE



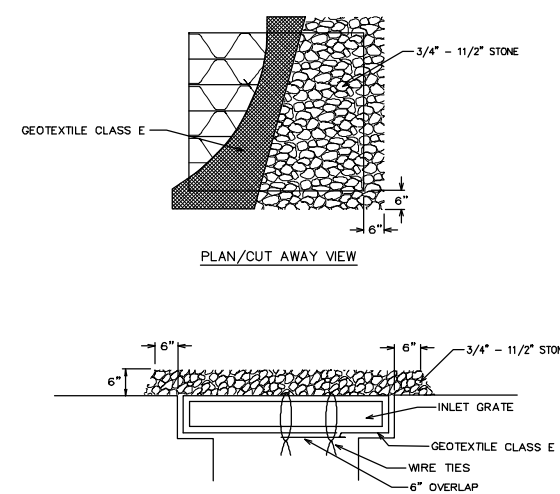
CONSTRUCTION SPECIFICATIONS

- FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. POSTS SHALL BE 1 1/2" X 1 1/2" SQUARE (MINIMUM) CUT, OR 1 3/4" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
- GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F:

TENSILE STRENGTH	50 LBS/N (MIN.)	TEST: ASTM D-4595
TENSILE MODULUS	20 LBS/N (MIN.)	TEST: ASTM D-4595
FLOW RATE	0.3 GAL/FT /MINUTE (MAX.)	TEST: ASTM D-5141
FILTERING EFFICIENCY	75% (MIN.)	TEST: ASTM D-5141
- WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
- SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 30% OF THE FABRIC.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE PAGE B-5-3 WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

DETAIL 6B – AT GRADE INLET PROTECTION

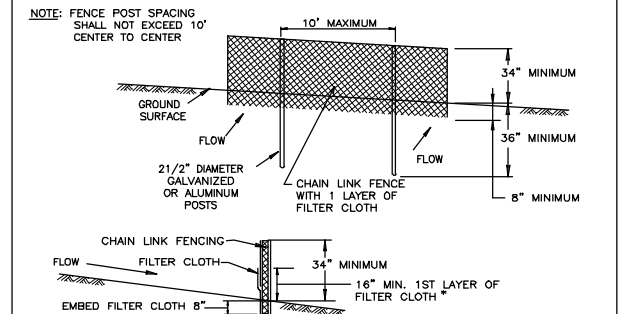


MAX. DRAINAGE AREA = 1/4 ACRE

- Construction Specifications**
- Lift grate and wrap with Geotextile Class E to completely cover all openings, then set grate back in place.
 - Place 3/4" to 1 1/2" stone, 4"-6" thick on the grate to secure the fabric and provide additional filtration.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE PAGE B-7-6 WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH

DETAIL 5 – SUPER SILT FENCE



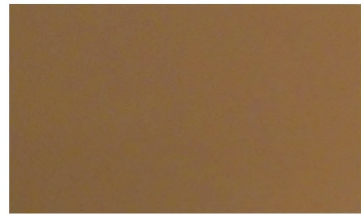
* IF MULTIPLE LAYERS ARE REQUIRED TO ATTAIN 42"

CONSTRUCTION SPECIFICATIONS

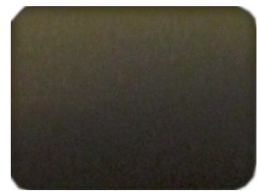
- FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST MARYLAND STATE HIGHWAY DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION FOR A 6" FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 6" LENGTH POSTS.
- CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND TRUSS RODS, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION.
- FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 8" INTO THE GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT BUILDUPS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE, OR WHEN SILT REACHES 30% OF FENCE HEIGHT.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F:

TENSILE STRENGTH	50 LBS/N (MIN.)	TEST: ASTM D-4595
TENSILE MODULUS	20 LBS/N (MIN.)	TEST: ASTM D-4595
FLOW RATE	0.3 GAL/FT /MINUTE (MAX.)	TEST: ASTM D-5141
FILTERING EFFICIENCY	75% (MIN.)	TEST: ASTM D-5141

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE PAGE B-6-3 WATERSHED PROTECTION DIVISION DISTRICT OF COLUMBIA DEPARTMENT OF HEALTH



METAL CORNICE



METAL CANOPY



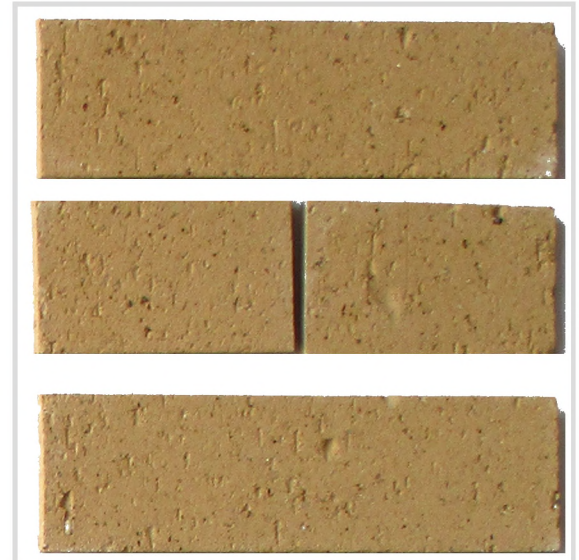
ALUMINIUM AND GLASS FOR MAIN BUILDING ENTRY



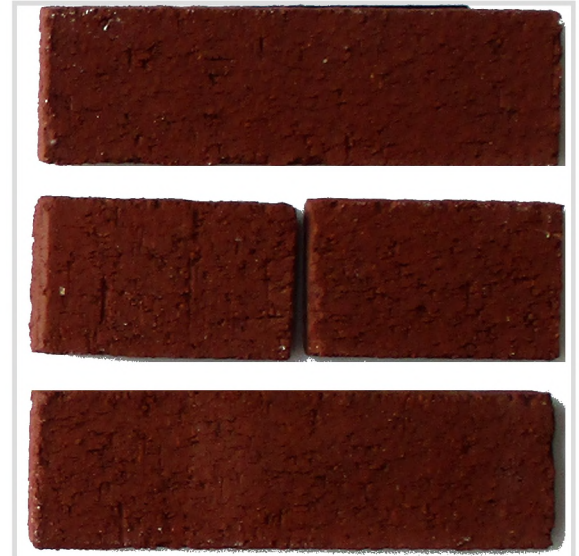
SOUTH ELEVATION



NORTH ELEVATION



BRICK COLOR 3



BRICK COLOR 2



BRICK COLOR 1