

CIVIL

REQUIRED BLANK SPACE FOR DOEE APPROVAL STAMPS.

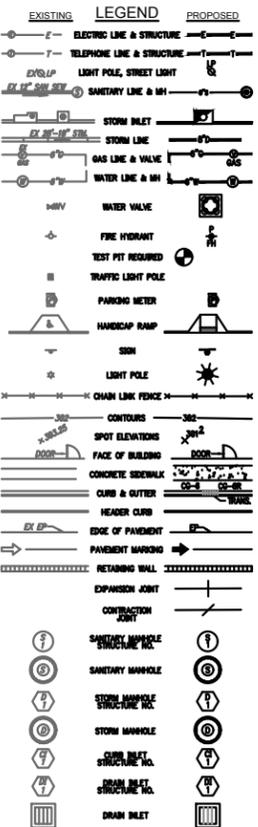


SITE NOTES:

- 1. WHERE NEW WORK MEETS EXISTING, NOTE FIELD LOCATION AND ELEVATION OF EXISTING FEATURES BEFORE BEGINNING CONSTRUCTION AND REPORT ANY DISCREPANCY TO THE ARCHITECT OR ENGINEER.
2. VERIFY LOCATION OF EXISTING UTILITIES BEFORE PROCESSING WITH WORK. NOTIFY OWNERS REPRESENTATIVE, DC WATER UTILITY INSPECTOR, DC WATER (202-767-4604) AND 'MISS UTILITY' (1-800-257-7777) 48 HOURS BEFORE PROCESSING WITH ANY EXCAVATIONS. HAND LOG TEST PITS AT ALL UTILITY CROSSINGS AND DETERMINE EXACT CLEARANCE OF ALL PROPOSED INSTALLATIONS WELL IN ADVANCE OF CONSTRUCTION. NOTIFY ENGINEER OF ANY CONFLICTS WITH PLAN ELEVATIONS.
3. WORK AND MATERIALS IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE APPLICABLE DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS FOR ROADWORK AND MATERIALS SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE DISTRICT OF COLUMBIA PLUMBING CODE.
4. ELEVATIONS SHOWN HEREON ARE BASED ON D.C. DATUM.
5. DIMENSIONS ARE TO FACE OF WALL AND CURB, EDGE OF WALK AND PAVEMENT, CENTERLINE OF COLUMN, PIPE AND UTILITY STRUCTURE, UNLESS OTHERWISE NOTED.
6. FRAMES AND COVERS OF EXISTING STRUCTURES TO BE ADAPTED TO MATCH NEW FINISHED GRADE.
7. QUESTIONS AND/OR ADDITIONS OF UTILITIES FOUND DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY OF ANY INFORMATION CONCERNING FOUND UTILITY, NOT SHOWN ON PLANS.
8. EXISTING SURFACE CONDITIONS DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO MATCH EXISTING CONDITIONS. CONTRACTOR TO COORDINATE EXTENT WITH ARCHITECT OR ENGINEER.
9. TEST PITS ARE REQUIRED AT ALL LOCATIONS WHERE PROPOSED UTILITIES CROSS EXISTING UTILITIES (UNDERGROUND) TO DETERMINE HORIZONTAL LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES. THE ENGINEER IS TO BE NOTIFIED OF THIS INFORMATION.
10. IF A 4" MINIMUM VERTICAL CLEARANCE CAN NOT BE MAINTAINED AT UTILITY CROSSING, THE CONTRACTOR IS TO NOTIFY THE ENGINEER BEFORE PROCESSING WITH WORK.
11. TRAVELER CURB, GUTTER, PAVING AND SIDEWALK TO MEET EXISTING IN LINE AND ON GRADE AS DIRECTED BY ENGINEER.
12. ALL DEBRIS AND EXCESS MATERIAL SHALL BE DEPOSED OF BY THE CONTRACTOR AT AN APPROVED OFF-SITE LOCATION.
13. ALL NEW WATER LINES TO HAVE A MINIMUM COVER OF 4'-0". WATER FITTINGS SHALL BE PROPERLY TIED AND ANCHORED PER DC WATER STANDARDS AND SPECIFICATIONS.
14. BEFORE POSITIONING OF EXISTING RETAINING OR CONCRETE PAVING ARE TO BE REMOVED, THE EXISTING PAVEMENT SHALL BE SAW-CUT.
15. REMOVE FRAMES AND COVERS OF SEWER MANHOLE/INLETS AND/OR WATER MAIN VALVE CASTINGS TO BE REMOVED AND FILL TO GRADE.
16. ALL CURB SPOT CHECKS TO BE MADE AT THE LOCATION OF WORK.
17. NOTIFY WASHINGTON GAS AT 202-739-5205, 48 HOURS PRIOR TO ANY EXCAVATION IN THE VICINITY OF ANY TRANSMISSION TOWER FOR FURTHER INFORMATION OR PROBLEMS. CONTACT WASHINGTON GAS IMMEDIATELY AT 703-769-1000.
18. PROVIDE A MINIMUM OF 5 FEET HORIZONTAL AND 1 FOOT VERTICAL CLEARANCE BETWEEN 12" DIAMETER AND SMALLER DISTRIBUTION EXISTING GAS FACILITIES AND PROPOSED FACILITIES.
19. PROVIDE A MINIMUM OF 5 FEET HORIZONTAL AND 3 FEET VERTICAL CLEARANCE BETWEEN 16" DIAMETER OR GREATER TRANSMISSION GAS FACILITIES AND PROPOSED FACILITIES.
20. ALL PROPOSED WORK TO BE CONSTRUCTED IN ACCORDANCE WITH LATEST STANDARDS AND SPECIFICATIONS OF THE DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION AND WATER AND SEWER AUTHORITY.
21. CONTRACTOR SHALL PROVIDE FOR PROTECTING EXISTING SIDEWALK, CURB AND GUTTER TO REMAIN OR TO REPLACE SIDEWALK, CURB AND GUTTER DAMAGED DURING CONSTRUCTION.
22. EXISTING FULL DEPTH PAVEMENT SECTION, CURB AND GUTTER TO BE REMOVED AND REPLACED TO EXTENT NECESSARY TO FACILITATE CONSTRUCTION OF NEW UTILITIES. MATERIALS TO COMPLY WITH DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
23. REFER TO SURFACE EXPLORATION & GEO-TECHNICAL ENGINEERING ANALYSIS FOR GEO-TECH REPORT.

SITE LEGEND:

- TEST PITS ARE REQUIRED AT ALL PROPOSED UTILITY CROSSINGS WITH ALL EXISTING UTILITY LINES TO DETERMINE THE EXACT HORIZONTAL LOCATION, ELEVATION AND ADD SIZE OF THE EXISTING UTILITIES. A MINIMUM OF ONE FOOT VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN EXISTING AND PROPOSED UTILITIES. TEST PITS SHOULD BE COMPLETED PRIOR TO OBTAINING ANY STRUCTURES OR PIPE MATERIALS. NOTIFY ENGINEER OF ANY CONFLICT WITH PROPOSED PLANS.



STANDARDS FOR SHEETING AND SHORING

- ADJACENT TO DC WATER UTILITIES:
DEFINITIONS:
1. FOR THE PURPOSE OF THIS STANDARD, THE "ZONE OF INFLUENCE" SHALL BE DEFINED AS THE WEDGE OF SOIL BENEATH BY A LINE DRAWN TANGENT TO AND PROLONGED UPWARD FROM THE CENTERLINE OF A CONDUIT AT AN ANGLE OF 45 DEGREES WITH THE HORIZONTAL.
2. THE "ENGINEER" SHALL BE DEFINED AS DIRECTOR, DEPARTMENT OF ENGINEERING AND TECHNICAL SERVICES, D.C. WATER, OR THE AUTHORIZED REPRESENTATIVE THEREOF.
POINTS OF CONTACT:
1. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DC WATER 24-HOUR EMERGENCY LINE AT (202) 612-3489 OF ANY EMERGENCY AFFECTING THE CONDITION OR STABILITY OF ITS UTILITIES.
2. THE CONTRACTOR SHALL NOTIFY DC WATER A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATION OR CONSTRUCTION CONTACT DC WATER UTILITY INSPECTOR AT (202) 767-4604.

- LOCATION OF DC WATER UTILITIES:
IF REQUIRED BY THE ENGINEER, THE EXACT LOCATION OF DC WATER UTILITIES SHALL BE DETERMINED BY TEST PITTING PRIOR TO INSTALLATION OF SHEETING.
PILES AND SHEET PILING:
1. ALL PILES INSTALLED BY THE IMPACT DRIVING METHOD WITHIN 50 FEET OF ANY DC WATER UTILITY SHALL BE PRE-ANNEALED TO THE INVERT DEPTH OF THE PIPELINE.
2. NO SHEET PILING SHALL BE INSTALLED BY THE IMPACT DRIVING METHOD WITHIN 50 FEET OF ANY DC WATER UTILITY.
3. SHEET PILING MAY BE INSTALLED WITHIN 50 FEET OF A DC WATER UTILITY BY THE USE OF APPROVED VIBRATORY EQUIPMENT. THE CONTRACTOR SHALL DEMONSTRATE TO THE ENGINEER THAT THE EQUIPMENT DOES NOT EXCEED ACCEPTABLE LIMITS OF VIBRATION BY PROVIDING VIBRATION-MONITORING INSTRUMENTATION LOCATED AT THE SHORTEST DISTANCE FROM THE SHEETING TO THE UTILITY.

- VIBRATION MONITORING:
1. WHEN REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE INSTRUMENTATION AND A QUALIFIED OPERATOR TO MONITOR VIBRATIONS PRODUCED BY THE INSTALLATION OF PILES AND SHEET PILING.
2. THE EQUIPMENT OPERATOR SHALL HAVE AT LEAST FIVE YEARS EXPERIENCE IN THE INSTALLATION AND OPERATION OF VIBRATION MONITORING EQUIPMENT AND INTERPRETATION OF THE RESULTS.
3. VIBRATIONS SHALL BE MONITORED BY MEASURING THE PEAK PARTICLE VELOCITY AT ALL CURB SPOT CHECKS TO BE MADE AT THE LOCATION OF WORK. THE MEASURED PEAK PARTICLE VELOCITY SHALL NOT EXCEED THE FOLLOWING:
FREQUENCY (H/SEC) PEAK PARTICLE VELOCITY
LESS THAN 10 HZ 0.50
10-40 HZ 0.75
GREATER THAN 40 HZ 2.00

- BRACING AND TIEBACKS:
1. NO BRACERS OR TIEBACKS SHALL BEAR IN THE ZONE OF INFLUENCE OF ANY DC WATER PIPELINE.
2. NO TIEBACKS SHALL BE INSTALLED WITHIN FIVE FEET OF ANY DC WATER UTILITY.
3. ANY TIEBACK CROSSING OVER A DC WATER PIPELINE OR STRUCTURE SHALL BE COMPLETELY UNLOADED UPON COMPLETION OF THE WORK.

- CONSTRUCTION MONITORING:
ANY EXCAVATION OR CONSTRUCTION OCCURRING WITHIN THE ZONE OF INFLUENCE OF DC WATER UTILITIES SHALL BE MONITORED AS FOLLOWS:
1. CONDUCT DETAILED PRE- AND POST-CONSTRUCTION SURVEYS OF UTILITIES AND STRUCTURES, TO INCLUDE VIDEO INSPECTION AND/OR PHOTOGRAPHS AS REQUIRED BY THE ENGINEER.
2. INITIAL HORIZONTAL AND VERTICAL DEFLECTION MONITORING STATIONS ALONG THE UTILITY ALIGNMENT, OR AT LOCATION DETERMINED BY THE ENGINEER, TO DETECT SETTLEMENT OR LATERAL MOVEMENT OF THE UTILITY AND SURROUNDING SOIL.
3. MONITORING STATIONS SHALL OCCUR AT A MINIMUM OF 50 FEET ON CENTER FOR THE LENGTH OF EXCAVATION WITHIN THE ZONE OF INFLUENCE, OR AT CLOSER SPACING IF DIRECTED BY THE ENGINEER.
4. MONITORING STATIONS GENERALLY SHALL CONSIST OF TARGETS AND BENCHMARKS THAT ARE READ BY STATIONARY OPTICAL SURVEY EQUIPMENT. IF BENCHMARKS, REFLECTOR STATIONS PLACED ALONG WITH EXCAVATIONS SHALL SUPPLEMENT MONITORING STATIONS.
5. MONITORING STATIONS SHALL BE READ AND RECORDED AT LEAST ONCE EACH WEEK, OR MORE FREQUENTLY AS DIRECTED BY THE ENGINEER. COPIES OF ALL RECORDS SHALL BE REPORTED TO DC WATER. REPORTS SHALL DOCUMENT THE LOCATION OF EACH STATION, THE DATE AND TIME OF EACH OBSERVATION, AND SHALL PROVIDE A CONTINUOUS HISTORY OF READINGS FOR EACH STATION, INCLUDING BASELINE READINGS.
6. MONITORING SHALL CONTINUE UNTIL THE EXCAVATION HAS BEEN PERMANENTLY STABILIZED.
7. ANY HORIZONTAL OR VERTICAL MOVEMENT WITHIN THE ZONE OF INFLUENCE THAT EXCEEDS 0.61 FT. SHALL BE IMMEDIATELY REPORTED TO DC WATER.
8. UNDERWATER LEVELS AROUND DC WATER UTILITIES SHALL BE MONITORED BY INSPECTING CORROSION CELLS AND RESISTORS, AND SHALL BE MAINTAINED TO PREVENT SETTLEMENT DUE TO DEAIRATION.

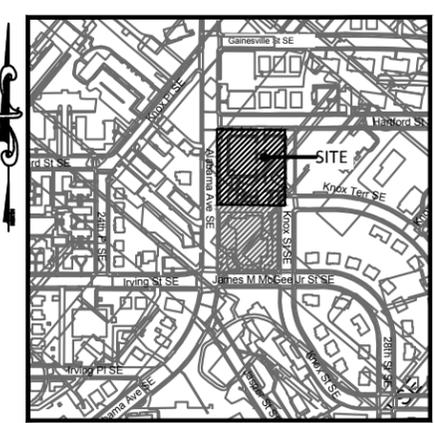
- DDOT EXCAVATION NOTES:
NO WORK SHALL BE UNDERTAKEN IF THE APPLICANT, OR THE PERSON ON WHOSE BEHALF THE APPLICANT IS MADE, HAS A TEMPORARY REPAIR IN PUBLIC SPACE OLDER THAN 90 DAYS, OR TEMPORARY REPAIR THAT HAVE FAILED AND THOSE REPAIRS HAVE NOT BEEN UNDERTAKEN WITHIN 24 HOURS.
PERSONS REGULARLY PERFORMING PUBLIC SPACE EXCAVATION AND MANHOLE WORK REQUESTED TO PROVIDE, ON A BENCHMARK PLANS SHOWING THEIR ANTICIPATED ACTIVITIES IN THE PUBLIC SPACE WITHIN THE TWO WEEK PERIOD. SINCE THESE PLANS ASSIST THE DEPARTMENT IN COORDINATING ACTIVITIES IN THE PUBLIC SPACE, THE FAILURE TO PROVIDE SUCH PLANS MAY RESULT IN DELAYS IN THE PERMIT REVIEW PROCESS.
1. NOTIFY THE DEPARTMENT OF TRANSPORTATION, OFFICE OF INFRASTRUCTURE OVERSIGHT AT 202-640-7800, 48 HOURS IN ADVANCE OF STARTING WORK.
2. ALL FAILED CUTS MUST BE REPAIRED WITHIN 24 HOURS OF NOTIFICATION.
3. D.C. LAW 3129, UNDERGROUND FACILITIES PROTECTION ACT OF 1999, REQUIRES THAT "MISS UTILITY" (1-800-257-7777) BE CONTACTED AT LEAST 48 HOURS AND NOT MORE THAN 10 DAYS (EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS) PRIOR TO START OF EXCAVATION, SO NOTIFICATION CAN BE MADE TO PARTICIPATING PRIVATE UTILITY COMPANIES OF THE PROPOSED WORK.
4. 48 HOURS PRIOR TO EXCAVATING, PLEASE CALL THE WATER OPERATIONS BRANCH AT 202-673-8909 FOR LOCATIONS OF SEWER AND WATER MAIN LINES.
5. IMPROPER HOUSEKEEPING VIOLATIONS ON JOB SITE RELATIVE TO DIRT AND DEBRIS IN THE PUBLIC SPACE, GUYAN BAGGING, ETC., SHALL BE GROUNDS FOR A FINE AND/OR REVOCATION OF THE PERMIT.
6. WORK AUTHORIZED BY A PERMIT SHALL BE IN ACCORDANCE WITH THE SAFETY REQUIREMENTS FOR EXCAVATIONS AS OUTLINED IN THE D.C. INDUSTRIAL SAFETY BOARD MANUAL "SAFETY STANDARDS, RULES AND REGULATIONS CONSTRUCTION".
7. WORK AUTHORIZED BY A PERMIT SHALL BE IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN THE FHWA "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
8. MAINTAIN ACCESS TO ALL ALLEY AND DRIVEWAYS AT ALL TIMES.
9. PLATE ALL INTERSECTION, WHERE APPLICABLE.
10. MAINTAIN A 6 TO 18 FOOT SIDEWALK AT ALL TIMES FOR PEDESTRIANS.
11. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND SALVAGING ALL COLLECTIONS PAPERS AND OTHER SPECIAL PAPERS REMOVED IN CONNECTION WITH EXCAVATION. THE PAPERS ARE TO BE DELIVERED TO THE DEPARTMENT OF PUBLIC WORKS MAINTENANCE UNIT AT 200 FLORIDA AVENUE, N.E. TELEPHONE NUMBER IS 202-727-5868.
12. CAUTION STREET LIGHT CABLE BENDING CURVE.
13. CONTRACTOR TO LOCATE ALL WATER AND SEWER LINES PRIOR TO START OF WORK.

DC/WATER GENERAL CONSTRUCTION NOTES:

- 1. CONTRACTOR NOTIFY THE FOLLOWING DC WATER DEPARTMENTS PRIOR TO THE COMMENCEMENT OF UTILITY CONSTRUCTION:
A. CONSTRUCTION INSPECTION SECTION AT 202-767-4604 AT LEAST TWO WEEKS PRIOR TO THE COMMENCEMENT OF UTILITY CONSTRUCTION TO SCHEDULE PRE-CONSTRUCTION MEETING.
B. DEPARTMENT OF WATER SERVICES AT 202-611-3400 AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF WATER UTILITY CONSTRUCTION.
C. DEPARTMENT OF SEWER SERVICES AT 202-284-3805 OR 3073 AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF SEWER UTILITY CONSTRUCTION.
2. STANDARDS: ALL CONSTRUCTION, MATERIALS, AND APPURTENANCES SHALL COMPLY WITH THE LATEST EDITIONS OF THE DC WATER PROJECT DESIGN MANUAL, STANDARD DETAILS & DESIGN GUIDELINES, AND SPECIFICATIONS.
3. LEAD SERVICE REPLACEMENT: IF THIS PROJECT INCLUDES THE REPLACEMENT OF A WATER MAIN THAT HAS EXISTING LEAD WATER SERVICE LATERALS, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE DC WATER CONSTRUCTION INSPECTION SECTION AT 202-767-4604 AT LEAST 90 DAYS PRIOR TO CONSTRUCTION TO ALLOW ADEQUATE TIME TO INITIATE STANDARD LEAD SERVICE REPLACEMENT PROTOCOL. LATERAL REPLACEMENT INCLUDES THE FULL LENGTH OF PIPE IN PUBLIC SPACE.
4. OTHER RESPONSIBILITY: THE OWNER IS RESPONSIBLE FOR ALL WORK AND COSTS ASSOCIATED WITH EXCAVATION, INSTALLATION, AND RESTORATION OF PUBLIC SPACE TO PERFORM A WATER/SEWER CONSTRUCTION/ADJUSTMENT. ONCE THE CONTRACTOR HAS OBTAINED A PUBLIC SPACE PERMIT HE/SHE MUST THEN CONTACT DC WATER PRIOR TO PERFORMING THE EXCAVATION TO INSTALL/REPAIR THE UTILITY WORK. THE OWNER SHALL BE HELD RESPONSIBLE FOR ALL DAMAGES TO EXISTING STRUCTURES AND UTILITIES CAUSED BY CONSTRUCTION ACTIVITY.
5. DC WATER RESPONSIBILITY: DC WATER IS ONLY RESPONSIBLE FOR INSTALLATION OF SMALL WATER SERVICE TAPS (9" DIAMETER AND LESS) TO THE PUBLIC MAIN. SMALL WATER SERVICE TAP REMOVALS FROM THE PUBLIC MAIN, FURNISHING & INSTALLING THE METER IN PUBLIC SPACE, AND INSPECTION OF WORK PERFORMED ON THE PUBLIC SYSTEMS.
6. MISS UTILITY: CONTACT MISS UTILITY AT 800-257-7777 48 HOURS BEFORE ANY DIGGING.
7. PLAN SET: A SET OF SIGNED & SEALED AND DC WATER STAMPED PLANS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN PROJECT, INCLUDING ALL EXISTING UTILITIES, ARE TO BE RECORDED AND/OR CORRECTED DAILY.
8. ADJUSTMENTS: THE OWNER MUST PHYSICALLY DISCONNECT EXISTING WATER, SEWER, AND STORM LATERALS THAT ARE TO BE ABANDONED AT THEIR CONNECTION TO THE PUBLIC MAIN.
9. UNMETERED WATER: THERE SHALL BE NO UNMETERED CONNECTIONS TO THE CITY'S WATER SYSTEM, INCLUDING CONNECTIONS BYPASSING METERS FOR TESTING ON-SITE PLUMBING OR FOR OUTSTANDING CONSTRUCTION.
10. PRESSURE TESTING AGAINST VALVES: PRESSURE TESTING AGAINST VALVES WILL NOT BE ALLOWED.
11. WATER METER INSTALLATION: TO SCHEDULE THE INSTALLATION OF A DOMESTIC WATER METER CONTACT PERMIT OPERATIONS AT 202-640-8800. DC WATER WILL FURNISH AND INSTALL THE METER AFTER THE CONNECTION TO THE MAIN HAS BEEN MADE AND THE METER PIT/ANAL HAS BEEN INSTALLED.

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12. CROSS CONTAMINATION CONTROL: ASSE 1949 CERTIFIED BACKFLOW PREVENTION ASSEMBLIES ARE REQUIRED ON ALL FIRE SERVICES AND ARE TO BE LOCATED INSIDE THE BUILDING (UNLESS AN EXCEPTIONAL LOCATION IS NECESSARY OR REQUIRED BY DC WATER) WHERE IT IS SUPPLIED, OWNED, OPERATED, AND MAINTAINED BY THE OWNER. DC WATER DOES NOT FURNISH NOR INSTALL FINE DOUBLE CHECK DETECTOR FINE PROTECTION BACKFLOW PREVENTION ASSEMBLIES.
13. UTILITY SERVICE DISRUPTIONS: PHASE ALL UTILITY WORK TO MAINTAIN UTILITY SERVICE TO THE SURROUNDING AREA. PHASE ALL UTILITIES TO BE MAINTAINED. REPAIR UTILITY SHUT-DOWNS IN NUMBER AND DURATION. COORDINATE THESE SHUT DOWNS WITH DC WATER CONSTRUCTION INSPECTION STAFF.
14. WATER VALVE OPERATION: THE CONTRACTOR IS REQUIRED TO COORDINATE WITH DC WATER FOR ALL NECESSARY WATER MAIN SHUT DOWNS WITH ADEQUATE ADVANCED NOTICE. ONLY DC WATER EMPLOYEES MAY SHUT DOWN A PUBLIC WATER MAIN. A CERTIFIED PLUMBER IS ONLY AUTHORIZED TO TURN OFF VALVES INSIDE METER PITS.
15. WATER GATE VALVE LOCATION: LOCATE GATE VALVES FOR DOMESTIC AND FIRE SERVICES AS CLOSE TO THE PUBLIC WATER MAIN AS POSSIBLE. HOWEVER, IF NECESSARY ADJUSTMENTS ARE REQUIRED DUE TO CONFLICTS, COORDINATE WITH A DC WATER INSPECTOR.
16. MATERIAL: THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHOP CUTS TO THE APPROPRIATE DC WATER OFFICE FOR APPROVAL OR OBTAINING A DC WATER APPROVAL STAMP FOR ALL WORK IN PUBLIC SPACE IN ADVANCE OF INSTALLATION. ONLY APPROVED MATERIALS MAY BE USED.
17. TEMPORARY CONDITIONS: MINIMUM COVER: A MINIMUM FOUR FEET OF COVER IS REQUIRED FOR ALL WATER MAINS AT FINAL GRADE, CORNER OF LESS THAN FOUR FEET REQUIRES DC WATER APPROVAL.
18. AS-BUILT: DEVELOPERS, CONTRACTORS AND/OR PLUMBERS MUST SUBMIT FINAL CONSTRUCTION AS-BUILT INFORMATION TO THE APPROPRIATE DC WATER INSPECTOR(S) FOR REVIEW AND APPROVAL. UPON COMPLETION OF INSTALLATION OF NEW SERVICES OR ADJUSTMENT OF EXISTING SERVICES FROM THE FINAL AS-BUILT IS APPROVED ALL DEPOSITS WILL BE RETURNED TO THE APPLICANT. SEE DC WATER AS-BUILT REQUIREMENTS FOR ADDITIONAL INFORMATION.
19. CONFLICTS: THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF PROPOSED UTILITIES. A MINIMUM OF ONE FOOT VERTICAL AND FIVE FEET HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM ANY UTILITIES AND PUBLIC WATER AND SEWER MAINS.
20. FIRE HYDRANT USE: THE USE OF A FIRE HYDRANT AS A WATER SOURCE IS PROHIBITED UNLESS A PERMIT HAS BEEN OBTAINED FROM DC WATER FOR USE OF A SPECIFIC HYDRANT(S). DAILY OR EXTENDED USE PERMITS CAN BE OBTAINED FROM THE DC WATER PERMIT OPERATIONS DEPARTMENT 202-640-8800.
21. FIRE HYDRANT STATUS: THE CONTRACTOR SHALL NOTIFY FEES AT 202-277-1800, PRIOR TO TAKING ANY FIRE HYDRANT OUT OF SERVICE OR REORDERING ANY HYDRANT UNACCESSIBLE FOR ANY REASON. FEES IS ALSO TO BE PROVIDED WITH THE LOCATION OF ANY NEW INSTALLATION OF PRIVATE FIRE HYDRANTS.
22. DC WATER SAFETY OFFICE: THE DC WATER SAFETY OFFICE CAN BE CONTACTED AT 202-767-4356.
23. SEWER BACKFLOW PREVENTION: THE PLUMBING SYSTEM MUST BE IN COMPLIANCE WITH SECTION 715 OF THE 2006 INTERNATIONAL PLUMBING CODE WHICH STATES A BACKWATER IS VALVE IS REQUIRED FOR ALL PLUMBING EXTENDING BELOW THE ELEVATION OF THE MANHOLE COVER OF THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER.

- ABBREVIATIONS:
APPROX APPROXIMATE
APPL APPLICABLE
BLK BLOCK
BLD BUILDING
BLD-FLOOR BACK-FLOOR
PRD PROTECTION
BOT BOTTOM OF CURB
BRK BRICK
CON CONCRETE
CURB & GUTTER CURB AND GUTTER
CON LINE LINE
CON LINE FENCE CURB LINE FENCE
CONF CLEAN OUT
COMB COMBUSTIBLE
CY CUBIC YARD
DRN DRAIN
DOM DOMESTIC
ELEC ELECTRICAL
ELEV ELEVATION
EXP EXPANSION JOINT
ENT ENTRANCE
FRN FIRE HYDRANT
FS FIRE ALARMS
FLTR FILTER
FT FEET/FOOT
GND GROUND
GUARD GUARD RAILING
HYP HYDRANT
INCH INCH
IRV IRON PIPE
JNT JOINT
LFT LEFT
MAT MATCH
MCH MACHINERY (STRUCTURE)
MET METAL
MTR METER
OVR OVERHEAD LINE ELECTRIC
PCC PORTLAND CEMENT CONCRETE
PDR POINT OF DELIVERY
PROP PROPOSED
RCD RECORD
RY RAIN YARD
SEN SENSOR
STN STATION
STD STANDARD
STR STRUCTURE
STY STORY (FLOOR)
TEL TELEPHONE
TYP TYPE
TOP TOP OF CURB
EXP EXPANSION JOINT
WATER WATER
UND UNDERGROUND
ELECTRICAL
WATER WATER
WATER MAIN WATER MAIN
WATER VALVE WATER VALVE



VICINITY MAP
SCALE: 1"=600'
SQUARE: 5728 LOT: 800
2455 ALABAMA AVE.
WASHINGTON, DC. 20020

PROJECT NARRATIVE:

PROJECT IS LOCATED 2455 ALABAMA AVENUE, S.E. THE PROPERTY CURRENTLY CONSISTS OF THE 160 BUILDING TO THE SOUTH AND A PARKING LOT TO THE NORTH WITH A DRIVE ABLE BETWEEN. THE PARKING LOT WILL BE DEMOLISHED AND REPLACED WITH A NEW BUILDING WITH GREEN ROOF AND THE SOUTHERN BUILDING WILL BE REPLACED WITH A PARKING GARAGE.
NEW UTILITIES WILL INCLUDE NEW 4" DOMESTIC, 4" FIRE, 4" SANITARY, AND NEW STORM LINES CONNECTING THE NEW BUILDING TO NEARBY EXISTING LINES. NEW STORM LINES WILL CONNECT THE BORENATIONS TO THE NEARBY EXISTING LINES.
DOEE STORMWATER MANAGEMENT REQUIREMENT FOR THIS PROJECT WILL BE MET BY MULTIPLE AT-GRADE BORENATION FACILITIES AND NEW GREEN ROOF.

CIVIL DRAWING INDEX:

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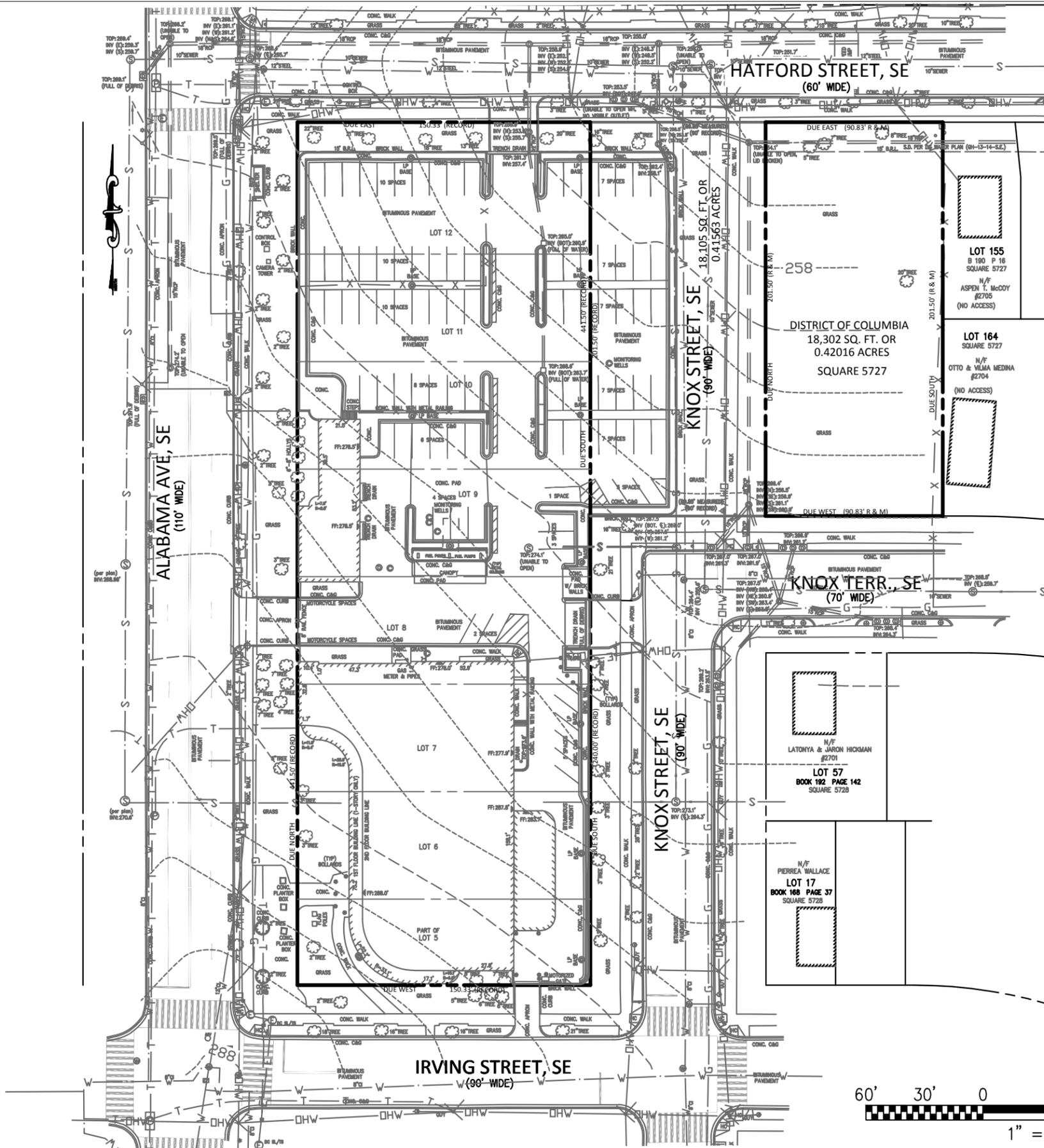
UTILITY CONTACTS:

Table with utility contacts including DC Water, Electric, Gas, and Communications with names and phone numbers.

OWNER'S NAME:
PHONE:
DESIGNER'S NAME: WILES MENSCH CORPORATION
PHONE: 301.343.5400
EMAIL: WWW.WM-DC.COM

DC WATER MAXIMO NO.:
DOEE SWM PLAN NO.:
DTOPS NO.:

Cover Sheet
C-10



UTILITY NOTE
 THE UNDERGROUND UTILITY LOCATIONS SPECIFICALLY NOTED IN THE TABLE BELOW AND GRAPHICALLY SHOWN HEREON HAVE BEEN LOCATED FROM A COMBINATION OF FIELD SURVEY INFORMATION AND/OR EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE INDICATED FROM THE INFORMATION NOTED IN THE TABLE BELOW WHICH COMPRISES THE RECORD INFORMATION OBTAINED BY THE SURVEYOR. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES, UNLESS SPECIFICALLY NOTED ON THE DRAWING. THE FOLLOWING UTILITY COMPANIES HAVE BEEN SOLICITED FOR THEIR PLANS AND RECORD UTILITY DRAWINGS, LISTED BELOW ARE SPECIFIC PLAN/SHEET NUMBERS OF DRAWINGS PROVIDED BY THE UTILITY COMPANY OR LACK OF RESPONSE IS NOTED.

UTILITY COMPANY	PLAN # / SHEET #
AT&T (CORE, LEGACY, LONG DISTANCE) 4800 WINCHESTER BOULEVARD FREDERICK, MD 21703 ATTN: GARY WOLFELD (301) 874-1180 GW1349@ATT.COM	EMAIL REPLY, NO FACILITIES IN THE AREA.
AT&T (LOCAL, METRO, TCA) ATTN: DAVE ROSS (256) 366-6166 DR905@ATT.COM	NO REPLY AT THIS TIME
PEPCO DEDCORPEPCO.COM	NO REPLY AT THIS TIME
COMCAST 900 MICHIGAN AVENUE, NE WASHINGTON, DC 20017 ATTN: BRYAN RAMOS HEB-BLT_BELTVA@REGIONSIGNREQUESTS @CABLE.COMCAST.COM	NO REPLY AT THIS TIME
VERIZON BUSINESS 2400 N. GLENVILLE DR. RICHARDSON, TX 75082 INVESTIGATIONS@VERIZON.COM	EMAIL REPLY, PLAN SHOWS LINES ALONG ALABAMA, PART OF HARTFORD ST. & PART OF IRVING ST.
VERIZON 13101 COLUMBIA PIKE CONDUIT GROUP - LOWER LEVEL SILVER SPRING, MD 20904	NO REPLY AT THIS TIME
LUMEN HALEY WOODS RELOCATION DEPARTMENT HALEY.WOODS@LUMEN.COM	EMAIL REPLY, NO FACILITIES IN THE AREA.
FIBERLIGHT, LLC 7500 GREENWAY CENTER DRIVE, SUITE 1110 GREENBELT, MD 20770 ATTN: KARL STROOTMAN, DIRECTOR OF OPERATIONS MD/DC (301) 223-2175 KARL.STROOTMAN@FIBERLIGHT.COM	NO REPLY AT THIS TIME
LEVEL 3 COMMUNICATIONS OSP RELOCATIONS, GLOBAL FIELD SERVICES 1025 ELORADO BOULEVARD BROOMFIELD, CO 80021 (720) 888-1000 RELOC@LEVEL3.COM	NO REPLY AT THIS TIME
ZAYO GROUP 884 VIRGINIA MEADOWS DRIVE MANASSAS, VA 20109 (571) 328-8190 ATTN: STEVE NORRIS STEVE.NORRIS@ZAYO.COM HTTP://WWW.ZAYO.COM/INTERACTIVE-NETWORK-MAP	NO REPLY AT THIS TIME
DC WATER	GIS MAPS AND PLANS PROVIDED
WASHINGTON GAS - ONLINE HTTP://ESERVICE.WASHGAS.COM	

THE OWNER/DEVELOPER OF THE SUBJECT PROPERTY IS RESPONSIBLE FOR OBTAINING INFORMATION AND COORDINATING WITH ALL OTHER UTILITIES NOT LISTED IN THE TABLE ABOVE. THE OWNER/DEVELOPER IS ALSO RESPONSIBLE FOR CONTACTING "MISS UTILITY" 48 HOURS PRIOR TO CONSTRUCTION.

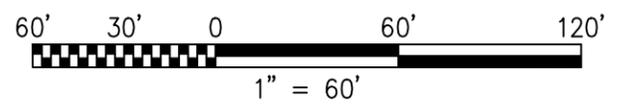
- NOTES**
- 1) THE HORIZONTAL DATUM IS BASED ON MARYLAND STATE GRID NORTH (NAD83 / 2011), BASED ON GPS OBSERVATION AT NGS REFERENCE MARK #302 (HY1322).
 - 2) THE VERTICAL DATUM IS DODPW, BASED ON REFERENCE MARK #302 (HY1322) A STANDARD US&GS SURVEY DISK SET IN THE SOUTHEAST CORNER OF A CONCRETE SEWER OUTLET, LOCATED ALONG THE SOUTHEAST SIDE OF THE ANACOSTIA RIVER BETWEEN PENNSYLVANIA AVENUE, SE AND 11TH STREET SE. LOCATED APPROXIMATELY 1,500 SOUTHWEST OF PENNSYLVANIA AVENUE, SE.
 - 3) THE SUBJECT PROPERTY IS LOCATED IN ZONE "X" (AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON FLOOD INSURANCE RATE MAP (FIRM) MAP NO. 1100010076C, FOR DISTRICT OF COLUMBIA, WASHINGTON, DC, DATED SEPTEMBER 27, 2010.
 - 4) THE SITE ADDRESS PER THE TAX ASSESSMENT RECORDS IS 2455 ALABAMA AVENUE SE, WASHINGTON DC.
 - 5) TREE SIZES SHOWN HEREON WERE FIELD MEASURED BY THE UNGER SURVEYING & CONSTRUCTION CORP. SURVEYORS.
 - 6) NO TITLE REPORT FURNISHED TO UNGER SURVEYING & CONSTRUCTION CORP. AS OF MARCH 19, 2023.

DC BOUNDARY NOTE:
 BOUNDARY INFORMATION SHOWN HEREON WAS OBTAINED FROM OFFICIAL CITY RECORDS AND VERIFIED IN THE FIELD INsofar AS POSSIBLE. PROPERTY LINE DIMENSIONS FROM OFFICIAL RECORDS MAY NOT NECESSARILY AGREE WITH ACTUAL MEASURED DIMENSIONS. ALL PROPERTY LINES IN THE DISTRICT OF COLUMBIA ARE SUBJECT TO CHANGE WITH THE FINAL DETERMINATION TO BE MADE BY THE OFFICE OF THE SURVEYOR. A "SURVEY TO MARK" PREPARED BY DISTRICT OF COLUMBIA REGISTERED LAND SURVEYOR AND VERIFIED BY THE OFFICE OF THE SURVEYOR MAY BE REQUIRED TO ESTABLISH A FINAL BOUNDARY DETERMINATION AND CONFIGURATION FOR THIS PROPERTY.

SURVEYOR'S CERTIFICATION
 I, DAVID UNGER, A LICENSED LAND SURVEYOR IN THE DISTRICT OF COLUMBIA, DO HEREBY CERTIFY THAT THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF AND WAS PERFORMED BY MYSELF OR UNDER MY DIRECT SUPERVISION, AND THAT THIS IS A SURVEY OF A & T LOTS 800 IN SQUARE 5728 AS SHOWN AMONG THE RECORDS OF THE OFFICE OF SURVEYOR OF THE DISTRICT OF COLUMBIA.
 _____ DATE 6/3/2024
 DAVID UNGER LICENSED LAND SURVEYOR DC# 154000021 EMAIL: DUNGER@UNGERS.COM

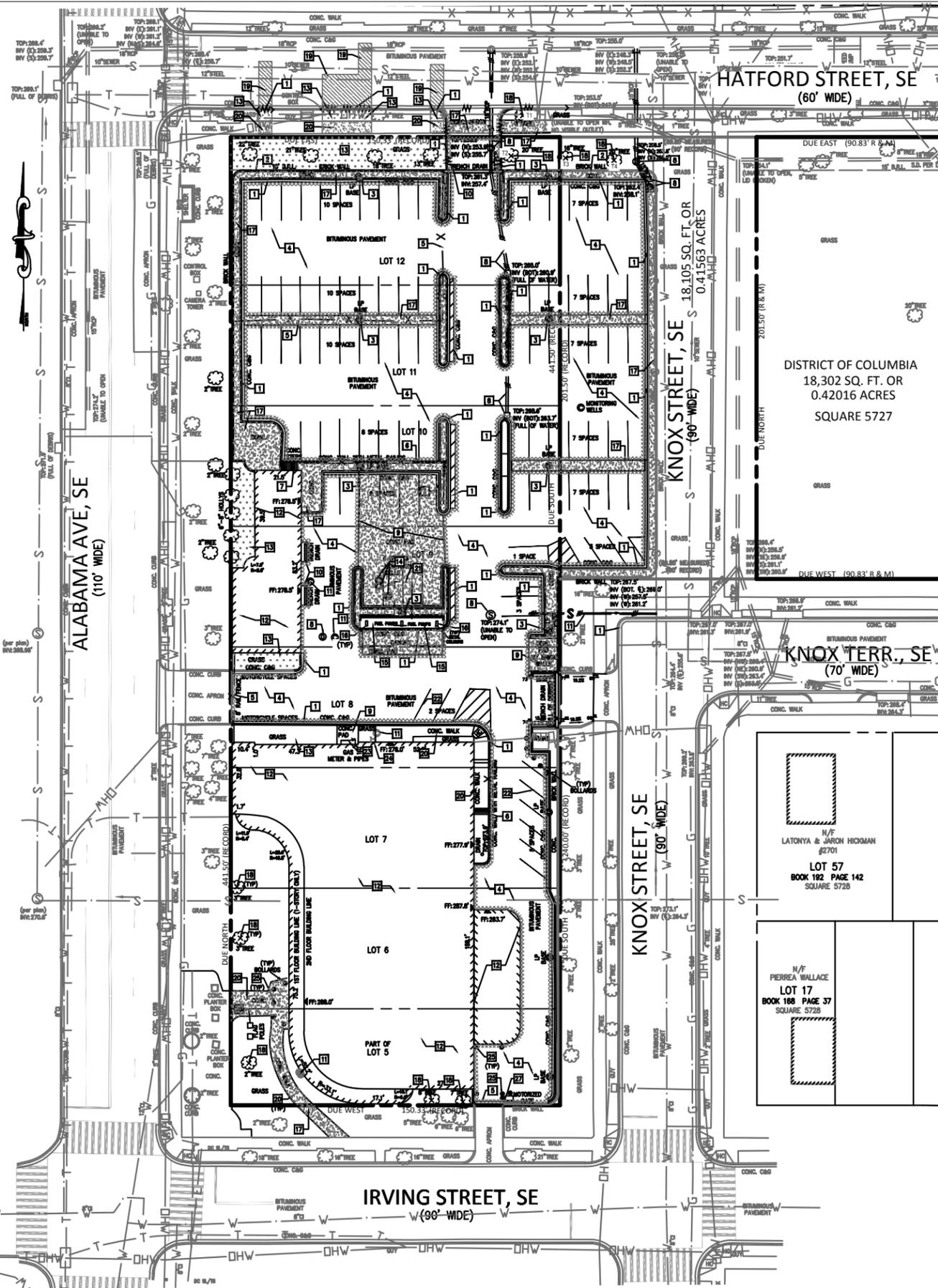
LEGEND

	CABLE TELEVISION CONDUIT		SANITARY MANHOLE		CONC CONCRETE
	ELECTRICAL CONDUIT		STORM DRAIN MANHOLE		ASPH ASPHALT
	NATURAL GAS CONDUIT		WATER METER		BLDG BUILDING
	OVERHEAD WIRES		WATER MANHOLE		STY STORY
	SANITARY SEWER CONDUIT		WATER VALVE		TRANS..... ELECTRICAL TRANSFORMER
	STORM DRAIN CONDUIT		FIRE DEPARTMENT CONNECTION		RCP REINFORCED CONCRETE PIPE
	TELEPHONE/COMMUNICATIONS CONDUIT		FIRE HYDRANT		CMP CORRUGATED METAL PIPE
	WATER CONDUIT		GAS MANHOLE		HDPE HIGH-DENSITY POLYETHYLENE PIPE
	EDGE OF PAVEMENT		GAS VALVE		BL BUILDING RESTRICTION LINE
	FENCE LINE		RIGHT-OF-WAY		IPF IRON PIPE FOUND
	PROPERTY LINES		ELECTRICAL JUNCTION BOX		PKF PK NAIL FOUND
	PUBLIC UTILITIES EASEMENTS		GUY WIRE		FF FINISH FLOOR
			UTILITY POLE		R RECORD
			TRAFFIC CONTROL BOX		M MEASURED
			TRAFFIC SIGNAL POLE		L LIBER
			LIGHT POLE		F FOLIO
			PHONE PEDESTAL		HC HANDICAP
			CABLE TELEVISION PEDESTAL		P/O PART OF
			ELECTRIC TRANSFORMER		TYP TYPICAL
			UNKNOWN UTILITY MANHOLE		
			SIGN POST		
			TREE		
			BOLLARD		
			CATCH BASIN, GRATE, INLETS		
			UTILITY POLE WITH LIGHT FIXTURE		



Existing Conditions
 C-20

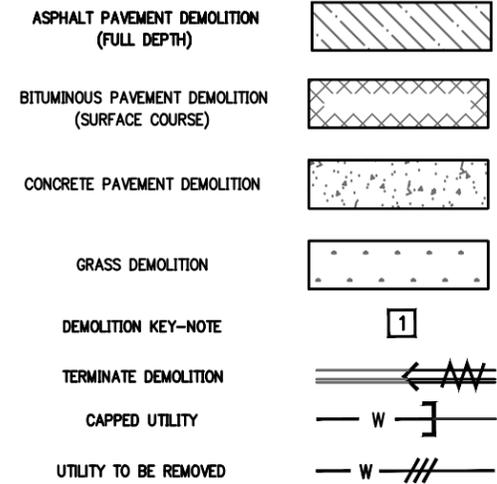
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DEMOLITION KEYNOTES:

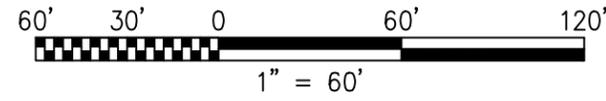
- 1 EXISTING CONCRETE CURB AND GUTTER TO BE REMOVED PER DC/DDOT STANDARDS AND SPECIFICATIONS.
- 2 EXISTING BRICK WALL TO BE REMOVED.
- 3 EXISTING LIGHT POLE WITH BASE TO BE REMOVED PER PEPCO STANDARDS AND SPECIFICATIONS. CONTRACTOR TO COORDINATE REMOVAL WITH PEPCO.
- 4 EXISTING BITUMINOUS PAVEMENT (SURFACE COURSE) PARKING LOT TO BE REMOVED PER DC/DDOT STANDARDS AND SPECIFICATIONS.
- 5 EXISTING FENCE ON BITUMINOUS PAVEMENT TO BE REMOVED.
- 6 EXISTING CONCRETE WALL WITH METAL RAILING TO BE REMOVED.
- 7 EXISTING CONCRETE STEPS TO BE REMOVED.
- 8 EXISTING STORM LATERAL AND STRUCTURE TO BE REMOVED AND CAPPED AT THE MAIN PER DC/WATER STANDARDS AND SPECIFICATIONS.
- 9 EXISTING CONCRETE PAD TO BE REMOVED.
- 10 EXISTING TRENCH DRAIN TO BE REMOVED.
- 11 EXISTING SANITARY PIPE, CLEANOUT TO BE REMOVED PER DC/WATER STANDARDS AND SPECIFICATIONS.
- 12 EXISTING BUILDING AND ASSOCIATED STRUCTURES TO BE REMOVED.
- 13 EXISTING GRASS TO BE REMOVED.
- 14 EXISTING MONITORING WELLS TO BE REMOVED PER DC FIRE AND EPA STANDARDS AND SPECIFICATIONS.
- 15 EXISTING FUEL PUMPS TO BE REMOVED PER DC FIRE AND EPA STANDARDS AND SPECIFICATIONS.
- 16 EXISTING METAL COLUMNS AND CANOPY TO BE REMOVED.
- 17 EXISTING CONCRETE PAVEMENT TO BE REMOVED.
- 18 EXISTING TREES, SHRUBS AND TREE PIT TO BE REMOVED PER DC/DDOT STANDARDS AND SPECIFICATIONS. CONTRACTOR TO COORDINATE WITH DC/DDOT URBAN FORESTRY ADMINISTRATION PRIOR TO REMOVAL.
- 19 EXISTING ASPHALT PAVEMENT (FULL DEPTH) TO BE REMOVED. PER DC/DDOT STANDARDS AND SPECIFICATIONS.
- 20 EXISTING CONCRETE SIDEWALK TO BE REMOVED.
- 21 EXISTING UNDERGROUND FUEL TANK TO BE REMOVED BY OTHERS. SHOWN FOR COORDINATION PURPOSES ONLY.
- 22 EXISTING PARKING SPACES TO BE REMOVED.
- 23 EXISTING GAS METER AND PIPES REMOVED PER WASHINGTON GAS STANDARDS AND SPECIFICATIONS. CONTRACTOR TO COORDINATE REMOVAL WITH WASHINGTON GAS PRIOR TO REMOVAL.
- 24 EXISTING FIRE HYDRANT AND RELATED APPURTENANCES ARE TO BE REMOVED AND CAPPED AT THE MAIN PER DC/WATER STANDARDS AND SPECIFICATIONS. CONTRACTOR TO COORDINATE WITH DC/WATER PRIOR TO REMOVAL.
- 25 EXISTING BOLLARD POST TO BE REMOVED.
- 26 EXISTING FLAG POLES TO BE REMOVED.
- 27 EXISTING MOTORIZED GATE TO BE REMOVED.

DEMOLITION LEGEND:



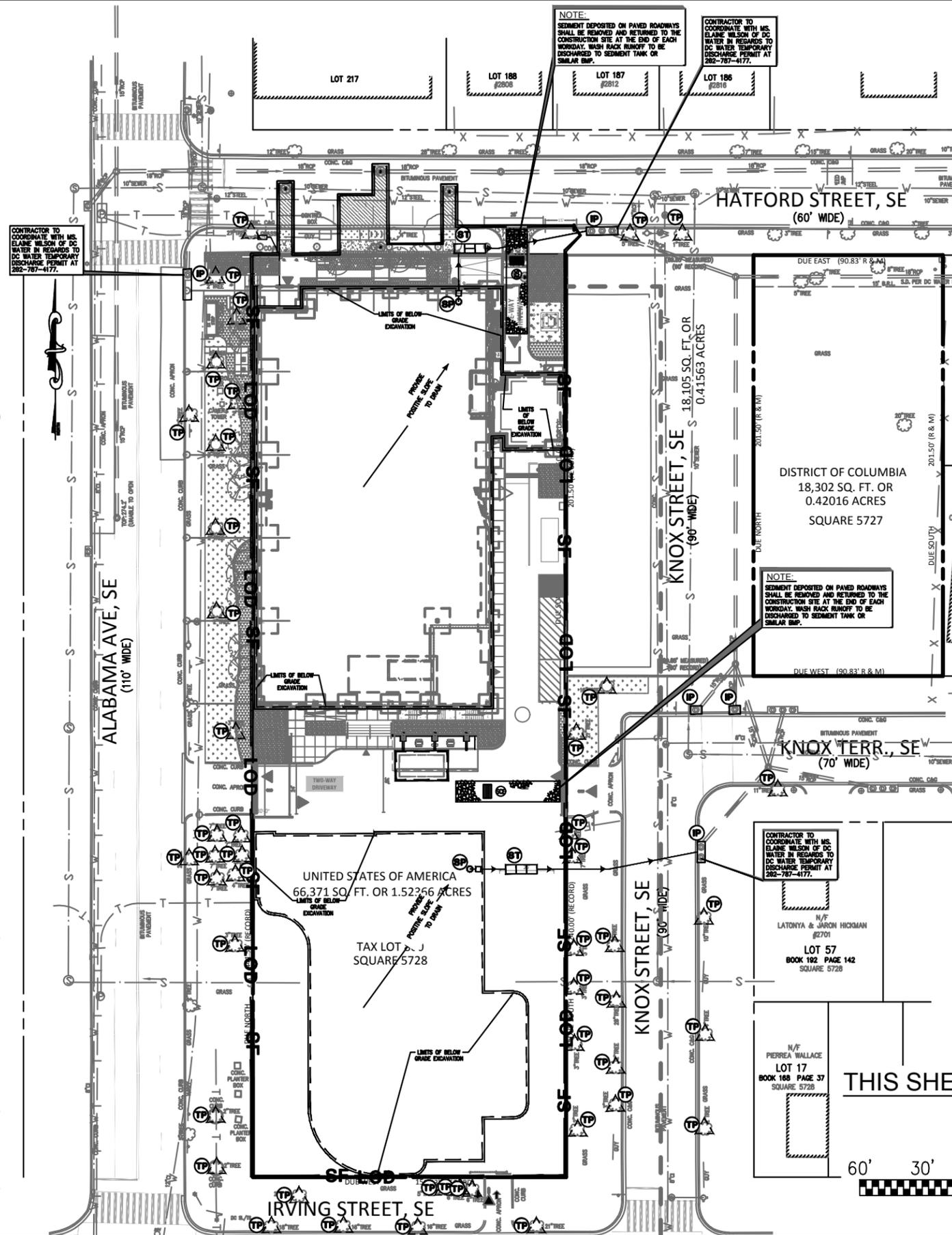
NOTES:

- 1. EXISTING MANHOLE TOP (SEWER, WATER, ELECTRIC) TO BE ADJUSTED TO MATCH PROPOSED GRADES.
- 2. ALL UTILITIES AND DEMOLITION SHOWN TO BEST AVAILABLE INFORMATION. CONTRACTOR TO VERIFY ALL UTILITIES TO BE REMOVED AND SHALL DISCONNECT APPROPRIATELY.
- 3. SHOULD UTILITIES SHOWN TO BE REMOVED BE IDENTIFIED AS NECESSARY FOR SERVICE TO THE EXISTING BUILDING OR NEIGHBORING PROPERTIES, CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY.
- 4. EXISTING STORM LATERAL LOCATION TO BE VERIFIED IN-FIELD BY CONTRACTOR AND CAPPED AT MAIN PER DC/WATER STANDARDS AND SPECIFICATIONS.
- 5. ALL EXISTING VISIBLE STRUCTURES, APPURTENANCES RELATED TO THE BUILDING TO BE REMOVED



Demolition Plan
C-30

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TOTAL SITE AREA:
TOTAL SITE AREA: 66,371 SF / 1.52 AC

TOTAL VOLUME OF CUT OF BELOW GRADE EXCAVATION:
TOTAL AREA OF EXCAVATION: 24,431 SF / 0.56 AC
VOLUME OF CUT: (48,236) SQ.FT. (8.92) X (3) FEET (DEPTH)

VOLUME OF CUT: (4,4701 SF / 1.02 AC) cy +/-

TOTAL AREA OF DISTURBANCE:
TOTAL AREA OF DISTURBANCE: 69,169 SQUARE FEET OR 1.6 AC

CONSTRUCTION DATES:
THE PROPOSED WORK DUE TO COMMENCE SUMMER 2026 AND IS ANTICIPATED TO TAKE APPROXIMATELY 12 MONTHS.
EXACT BEGINNING AND END OF CONSTRUCTION IS TO BE ESTABLISHED BY THE OWNER.

LEGEND

PROPOSED

TEMP CONSTRUCTION ENTRANCE [Symbol]

WASH RACK [Symbol]

SILT FENCE [Symbol]

INLET PROTECTION [Symbol]

APPROXIMATE LIMIT OF BELOW GRADE EXCAVATION [Symbol]

APPROXIMATE LIMIT OF DISTURBANCE [Symbol]

TREE PROTECTION [Symbol]

SUMP PUMP [Symbol]

SEDIMENT TANK [Symbol]

ENFORCEMENT OF SIGNAGE REQUIREMENT FOR PROJECTS REQUIRING EROSION AND SEDIMENT CONTROL PLANS:

ALL CONSTRUCTION PROJECTS REQUIRING SOIL EROSION AND SEDIMENT CONTROL (ESC) PLANS MUST POST A DISTRICT-APPROVED SIGN THAT NOTIFIES THE PUBLIC TO CONTACT DOEE IN THE EVENT OF EROSION OR OTHER POLLUTION FROM THE SITE. DOEE HAS INCREASED ITS ENFORCEMENT EFFORTS FOR THIS REQUIREMENT. A LIMITED NUMBER OF PRE-PRINTED SIGNS IS AVAILABLE AT THE DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS AND WILL BE ISSUED AT NO CHARGE WITH APPROVED SOIL EROSION AND SEDIMENT CONTROL PLANS ON A FIRST COME, FIRST SERVED BASIS. AN ELECTRONIC COPY OF THE DISTRICT APPROVED SIGN IS AVAILABLE AT [HTTP://DOEE.DC.GOV/ESC](http://doee.dc.gov/esc).

UNDERGROUND UTILITY WORK

- WHEN CONDUCTING UNDERGROUND UTILITY WORK DO NOT OPEN MORE THAN FIVE HUNDRED LINEAR FEET (500 FT) OF TRENCH AT ANY ONE TIME.
- FILTER WATER PUMPED OUT OF TRENCH EXCAVATIONS PRIOR TO DISCHARGING TO THE STORM SEWER SYSTEM.
- PLACE EXCAVATED MATERIAL FOR UTILITY WORK ON THE UPHILL SIDE OF A TRENCH.
- INSTALL INTERIM OR PERMANENT STABILIZATION IMMEDIATELY AFTER A UTILITY TRENCH IS REIFIED.
- USE MULCH AND MATTING ON EXCAVATED MATERIAL TO MINIMIZE THEIR EROSION WHEN NATURAL OR ARTIFICIAL GRASS FILTER STRIPS ARE INSTALLED TO RECEIVE STORMWATER RUNOFF FROM THE EXCAVATED MATERIALS.

CONSTRUCTION AND STABILIZATION SEQUENCE:

- INSTALL SEDIMENT AND EROSION CONTROL MEASURES INCLUDING STRAW BALE DIKES, INLET PROTECTION, SUMP PIT, PORTABLE SEDIMENT TANK, STABILIZED CONSTRUCTION ENTRANCE WITH WASH RACK, TREE PROTECTION, AND SILT FENCE AS INDICATED ON SHEET CIV0103. SEE SHEET CIV0501 FOR EROSION AND SEDIMENT CONTROL DETAILS.
- SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE INSPECTOR PRIOR TO COMMENCING ANY OTHER LAND DISTURBING ACTIVITIES.
- REMOVE ITEMS AS INDICATED ON DEMOLITION PLAN.
- INSTALL PROPOSED UTILITIES AS INDICATED ON SHEET CIV0301.
- INSTALL SITE IMPROVEMENTS AS INDICATED ON CONSTRUCTION DOCUMENTS FOR THE PROPOSED BUILDING.
- CONSTRUCT BMPs AS INDICATED ON SHEET CIV0702.
- 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 NARRATIVE:

EROSION AND SEDIMENT CONTROL WILL BE ACHIEVED THROUGH THE USE OF SILT FENCE ON PAVEMENT AND INLET PROTECTION. THE SITE WILL ALSO INCLUDE TREE PROTECTION AND SAFETY FENCE FOR TREE PROTECTION. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE IMPLEMENTED PRIOR TO DEMOLITION TO ENSURE ADEQUATE PROTECTION DURING THE DEMOLITION AND REMOVAL OF WASTE MATERIALS. ALL DEMO MATERIALS WILL BE TAKEN TO AN OFF-SITE DESIGNATED DUMPING AREA VIA DUMP TRUCKS OR DUMPSTERS.

DESCRIPTION OF PREDOMINANT SOIL TYPE:

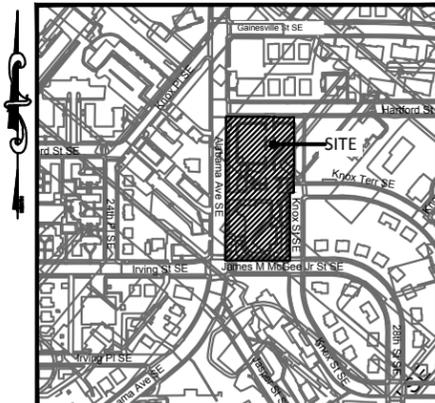
DISTRICT OF COLUMBIA (DCDD)			
MAP UNIT SYMBOL	MAP UNIT NAME	ACRES IN AUI	PERCENT OF AUI
U2B	URBAN LAND-SASSAFRAS, 0 TO 8 PERCENT SLOPES	5.1	88.7%
	URBAN LAND-SASSAFRAS, 0 TO 15 PERCENT SLOPES	0.6	11.3%
TOTAL FOR AREA OF INTEREST		5.7	100.0%

EROSION AND SEDIMENT CONTROL NOTE:

- THE APPLICANT MUST NOTIFY THE DEPARTMENT OF ENERGY AND ENVIRONMENT BY PHONE (202-535-2977) AT LEAST 72 HOURS PRIOR TO THE START OF LAND DISTURBING 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, DEPARTMENT OF ENERGY AND ENVIRONMENT MUST BE NOTIFIED IMMEDIATELY.
- REMOVAL OF ANY EROSION AND SEDIMENT CONTROL MEASURES REQUIRES APPROVAL FROM DOEE INSPECTOR.
- 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.
- PROVIDE SILT FENCE AT PERIMETER OF EXCAVATION AREA TO REMAIN IN PLACE UNTIL BELOW GRADE EXCAVATION HAS BEGUN UNLESS OTHERWISE APPROVED BY THE INSPECTOR.
- CONTRACTOR TO PROVIDE ON SITE APPROVED STAMPED AND SIGNED SEDIMENTATION AND EROSION CONTROL DRAWINGS BY DEPARTMENT OF ENERGY AND ENVIRONMENT, WATERSHED PROTECTION DIVISION.
- PROVIDE A CHAIN LINK FENCE AT PERIMETER OF SITE.
- NO LATER THAN THE FIRST DAY 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 CONSTRUCTION VEHICLES AND WASHED INTO A STORM DRAIN OR WATERWAY.
- REMOVE OFF-SITE ACCUMULATION OF SEDIMENT DAILY DURING CONSTRUCTION AND IMMEDIATELY AT THE REQUEST OF DOEE INSPECTOR.
- PERFORM ROUTINE MAINTENANCE TO PREVENT ANY NEW DE-STABILIZATION AREAS.
- STRAW BALE DIKES WILL BE REPLACED EVERY THREE (3) MONTHS UNTIL COMMENCEMENT OF CONSTRUCTION.

STANDARD EROSION AND SEDIMENT CONTROL MEASURES AND SEQUENCE:

- SEDIMENT TRAPS OR BASINS AND OTHER EROSION AND SEDIMENT CONTROLS SHALL BE INSTALLED NO LATER THAN THE FIRST PHASE OF LAND GRADING.
- SEDIMENT TRAPS OR BASINS AND OTHER EROSION AND SEDIMENT CONTROLS, SHALL BE INSTALLED AS SOON AS NEW SITE-RELATED RUNOFF IS DETECTED AND EMPLOYED AT ALL TIMES, TO PROTECT INLETS OR STORM SEWERS BELOW SILT-PRODUCING AREAS.
- NO LATER THAN THE FIRST DAY OF CONSTRUCTION, INSTALL SITE ACCESS MEASURES TO MINIMIZE OFF-SITE VEHICLE TRACKING OF SEDIMENTS. EACH CONSTRUCTION ENTRANCE MUST BE STABILIZED AND INCLUDE EACH ADDITIONAL MEASURE, REQUIRED TO KEEP SEDIMENT FROM BEING CARRIED ONTO PUBLIC STREETS BY CONSTRUCTION VEHICLES AND WASHED INTO A STORM DRAIN OR WATERWAYS.
- REMOVE OFF-SITE ACCUMULATIONS OF SEDIMENT DAILY DURING CONSTRUCTION AND IMMEDIATELY AT THE REQUEST OF A DOEE INSPECTOR.
- PERFORM ROUTINE MAINTENANCE TO PREVENT ANY NEW DESTABILIZED AREAS.



VICINITY MAP

SCALE: 1"=600'

SQUARE: 5728 LOT: 800

2455 ALABMA AVE.

WASHINGTON, DC 20020

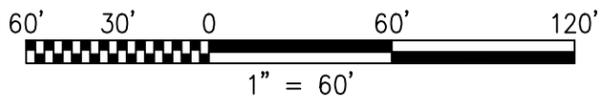
DUST CONTROL NOTES:

- 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.
- THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
- THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
- 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.
- FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE;
 - ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER;
 - 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.
- FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES;
 - 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.
 - APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND SITE BOUNDARIES.
- APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
- 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.
- APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND SITE BOUNDARIES.

LAND DISTURBANCE ACTIVITY NOTE:

A PERSON RESPONSIBLE FOR LAND DISTURBANCE IS TO BE PRESENT OR AVAILABLE AT ALL TIMES WHILE SITE IS IN A PHASE INVOLVING LAND DISTURBING ACTIVITY. THE RESPONSIBLE PERSON IS RESPONSIBLE FOR INSPECTION OF THE SITE EROSION & SEDIMENT CONTROL MEASURES BIWEEKLY AND AFTER RAINFALL EVENTS. AVAILABILITY TO RESPOND TO POTENTIAL EROSION PROBLEMS AS THEY OCCUR AND AVAILABILITY TO SPEAK ONSITE WITH DOEE TO REMEDY POTENTIAL PROBLEMS. THE RESPONSIBLE PERSON IS TO HAVE AVAILABLE ONSITE PROOF OF PROFESSIONAL LICENSING OR OF SUCCESSFUL COMPLETION OF A DEPARTMENT APPROVED TRAINING PROGRAM IN COMPLIANCE OF RESPONSIBLE PERSON DESIGNATION.

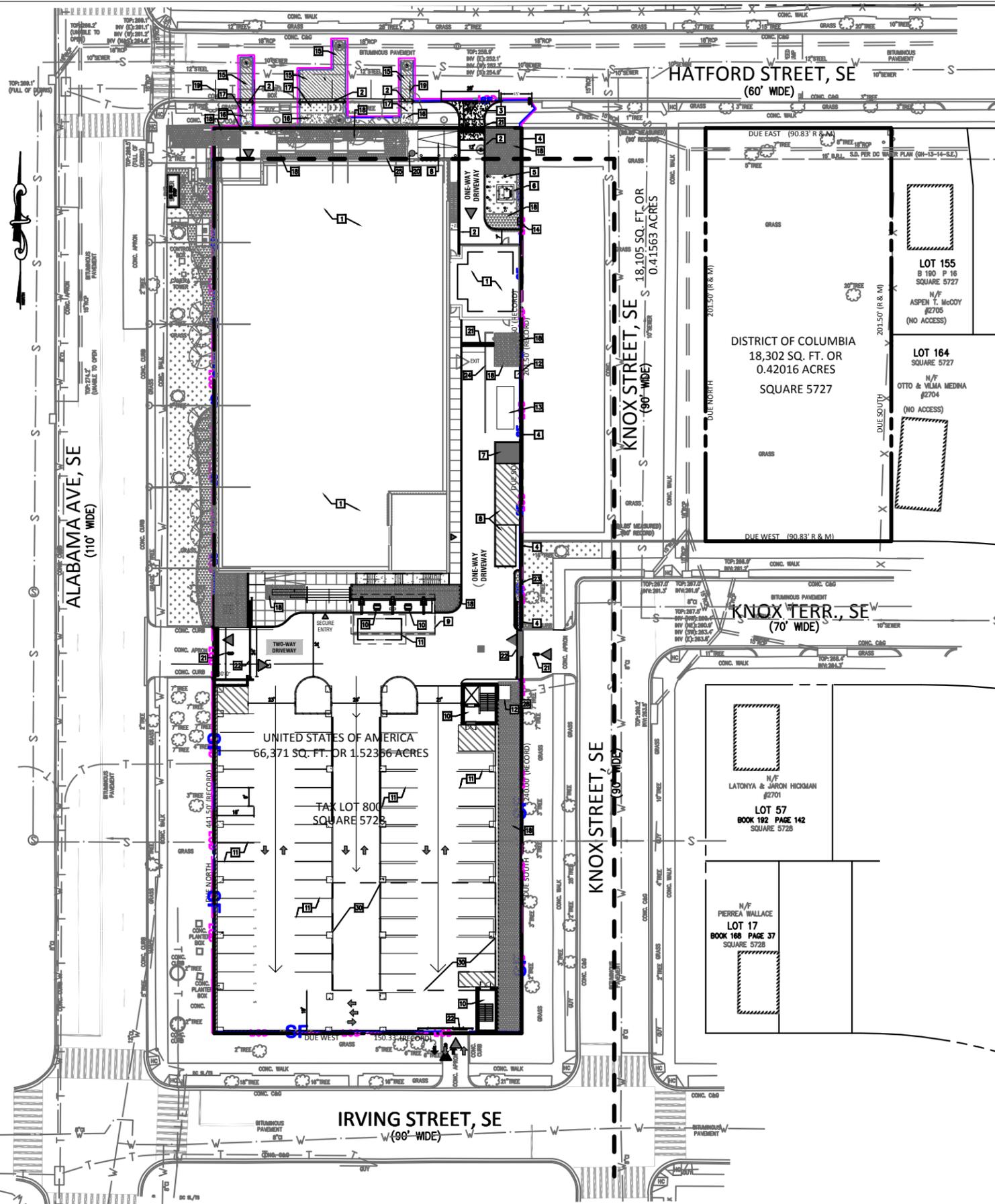
THIS SHEET IS TO BE USED FOR SEDIMENTATION AND EROSION CONTROL PURPOSES ONLY !!!



Erosion & Sediment Control Plan

C-40

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PAVEMENT LEGEND:

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

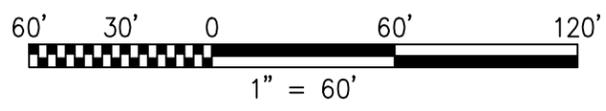
NOTES:

- 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.
- 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.
- INTERIOR LAYOUTS ARE ILLUSTRATIVE ONLY AND SUBJECT TO CHANGE ON FINAL PLAN.
- 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.
- ALL NEW DEVELOPMENT AND CONSTRUCTION ON ADJACENT PROPERTIES TO BE COMPLETED BY OTHERS AND IS NOT CONSIDERED PART OF THE PROJECT.

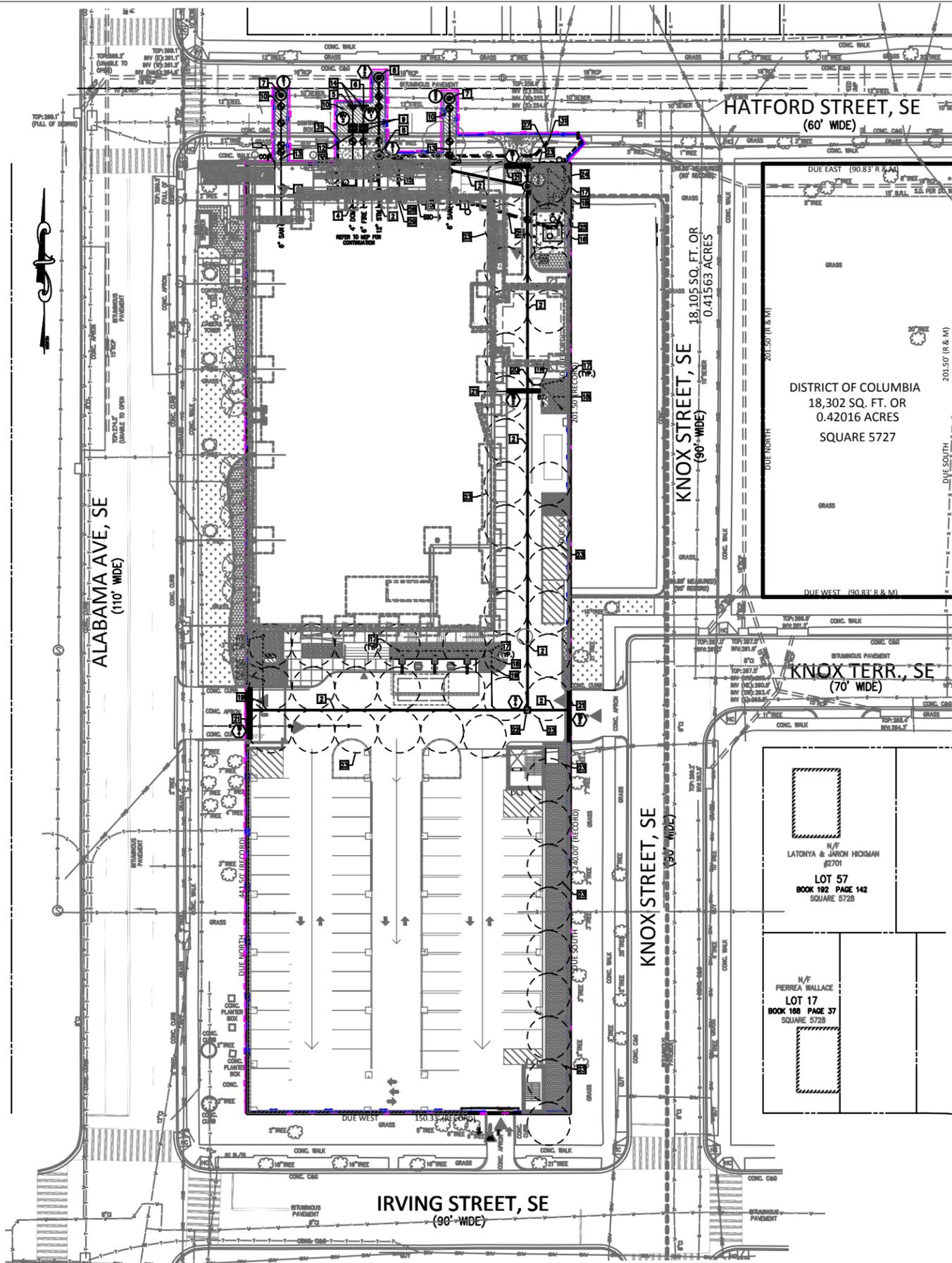
TREE PLANTING NOTE:

- TREE PLANTING AND SKATING SHALL COMPLY WITH THE CURRENT VERSION OF THE DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, SECTION 608.02 AND PER STANDARD DRAWINGS NO. 608.02 AND 608.03. DECIDUOUS TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 AS PER THE SPRING AND FALL PLANTING SEASON DATES (STANDARD DRAWING NO. 608.08 AND 608.09).
- PEAT MOSS IS NOT ALLOWED FOR USE AS SOIL AMENDMENT.
- COMPANION PLANTS (I.E. PERENNIALS, GRASSES, BULBS, SHRUBS, ETC.) TO BE INSTALLED IN A TREE SPACE MOST CONFORM TO THE CURRENT VERSION OF THE DDOT DESIGN MANUAL CHAPTER 47- LANDSCAPE DESIGN AND DCMR TITLE 24 SECTION 109- BEAUTIFICATION OF TREE SPACES. COMPANION PLANTS SHALL NOT EXCEED 3 FEET IN HEIGHT, HAVE A SHALLOW ROOT SYSTEM AND BE PLANTED AT MINIMUM 2 FEET FROM THE ROOT FLARE (CROWN) OF THE TREE.
- GRASS/SOD IN CONTINUOUS PLANT STRIPS SHALL NOT BE PLANTED WITHIN 4 FEET OF THE ROOT FLARE OF THE TREE.
- FINISH OFF UNPLANTED AREAS IN A TREE SPACE WITH 2-3" LAYER OF DOUBLE SHREDED HARDWOOD MULCH, BUT DO NOT PLACE UP AGAINST OR MOUND AROUND THE ROOT FLARE.
- CONTRACTOR SHALL CONTACT SIMOUN BANUA, DDOT LEAD ARBORIST AT SIMOUN.BANUA@DC.GOV OR 202-557-4590 WHEN THE STREET TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS NOTICE.
- CONTRACTOR TO COORDINATE WITH DDOT WARD ARBORIST TO PLANT EITHER A JEFFERSON ELM, A CHINESE ELM, OR HACKBERRY. THE NEW STREET TREE SHALL BE AT MAXIMUM 3" CALIPER AND THE SOIL VOLUME REQUIREMENT IS WAIVED TO AVOID IMPACTS TO THE ADJACENT AMERICAN ELM. ONCE THE SHRUB (YEW) IS REMOVED, THE EXISTING BOX WILL BE EXCAVATED BY HAND IN ITS ENTIRETY TO A DEPTH OF 3 FEET AND AMENDED WITH LOAMY PLANTING SOIL PROVIDED NO SIGNIFICANT ROOTS ARE EXPOSED.

- SITE KEYNOTES:**
- NEW BUILDING REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
 - NEW CONCRETE CURB AND GUTTER PER DC/DDOT STANDARDS AND SPECIFICATIONS.
 - NEW CONCRETE APRON PER DC/DDOT STANDARDS AND SPECIFICATIONS.
 - NEW BRICK PERIMETER WALL.
 - NEW BOLLARDS. SEE STRUCTURAL CONSULTANTS DRAWINGS FOR DETAILS.
 - NEW TRANSFORMER, SEE ELECTRICAL CONSULTANTS DRAWINGS FOR DETAILS.
 - NEW TRASH ZONE/LOADING PLATFORM.
 - NEW BARRIER FREE PARKING SPACE.
 - NEW FUEL CANOPY / FUEL DISPENSER LOCATION, SEE SEE FUEL CONSULTANTS DRAWINGS FOR DETAILS.
 - NEW FUEL DISPENSERS.
 - NEW BELOW GRADE FUEL TANK. SEE FUEL CONSULTANTS DRAWINGS.
 - NEW DOCKING STATION SEE ELECTRICAL FOR DETAIL.
 - NEW DIESEL GENERATOR, SEE ELECTRICAL GENERATOR.
 - NEW FUEL PORT.
 - NEW ASPHALT PAVEMENT (FULL DEPTH) PER DC/DDOT STANDARDS AND SPECIFICATIONS.
 - NEW CONCRETE SIDEWALK.
 - NEW GRASS.
 - NEW BIoretention.
 - NEW ON STREET 5 PARKING SPACES.
 - IN GRADE REMOTE FUEL PORT, SEE ELECTRICAL FOR DETAILS.
 - NEW CURB AND PEDESTAL.
 - BI-FOLD SECURITY GATE.
 - NEW BRICK PERIMETER WALL.
 - NEW MECHANICAL SCREEN WALL.
 - NEW 15 FT BUILDING RESTRICTION LINE.
 - NEW GARAGE ELEVATOR.
 - NEW 3 LEVEL PARKING STRIPING.
 - EXISTING TRANSFORMER TO REMAIN AND PROTECTED DURING CONSTRUCTION.
 - FUTURE WORKSHOP BUILDING.



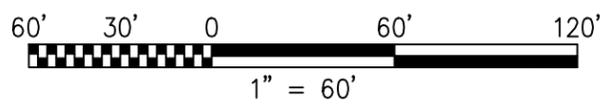
Site Plan
C-50



NOTE:
LOCATION AND SIZE OF EXISTING WATER INFRASTRUCTURE TO BE FIELD-VERIFIED BY CONTRACTOR.

- UTILITY KEYNOTES:**
- 1 NEW 6" PVC SCH 40 SANITARY SEWER LATERAL.
 - 2 NEW 12" PVC SCH 40 SANITARY SEWER.
 - 3 NEW 6" DIP CLASS 56 FIRE SERVICE LATERAL. BACKFLOW PREVENTER ASSEMBLY TO MEET ASSE-1048.
 - 4 NEW 4" DIP CLASS 56 DOMESTIC WATER SERVICE LATERAL. BACKFLOW PREVENTER ASSEMBLY TO MEET ASSE-1015.
 - 5 NEW 12" X 6" TEE WITH MECHANICAL JOINT PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER STANDARD DRAWING W-40.01 ON SHEET CIV0503 FOR DETAILS.
 - 6 NEW 12" X 4" TEE WITH MECHANICAL JOINT PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER STANDARD DRAWING W-40.01 ON SHEET CIV0503 FOR DETAILS.
 - 7 NEW PRECAST CONCRETE MANHOLE FOR NEW 10" THROUGH 21" DIAMETER SEWERS (48" DIAMETER PRECAST BASE) PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER STANDARD DRAWING S-20.01.
 - 8 NEW PRECAST CONCRETE MANHOLE FOR NEW 10" THROUGH 21" DIAMETER SEWERS (48" DIAMETER PRECAST BASE) PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER STANDARD DRAWING S-20.01.
 - 9 NEW 6" WATER VALVE WITH 4.0' CASING PER DC/WATER STANDARDS AND SPECIFICATIONS. REFER TO DC/WATER STANDARD DRAWING W-20.01.
 - 10 NEW ASPHALT PAVEMENT (FULL DEPTH) PER DC/DDOT STANDARDS AND SPECIFICATIONS.
 - 11 NEW 4" WATER METER VAULT PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER STANDARD DETAIL DG-23.01.
 - 12 NEW 6"x4" REDUCER PER DC WATER STANDARDS AND SPECIFICATIONS.
 - 13 NEW CLEANOUT WELL PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO DDOT STANDARD DETAIL 621.51.
 - 14 NEW CONCRETE THRUST BLOCK PER DC/WATER STANDARD AND SPECIFICATIONS. REFER TO DC/WATER STANDARD DRAWING W-40.01.

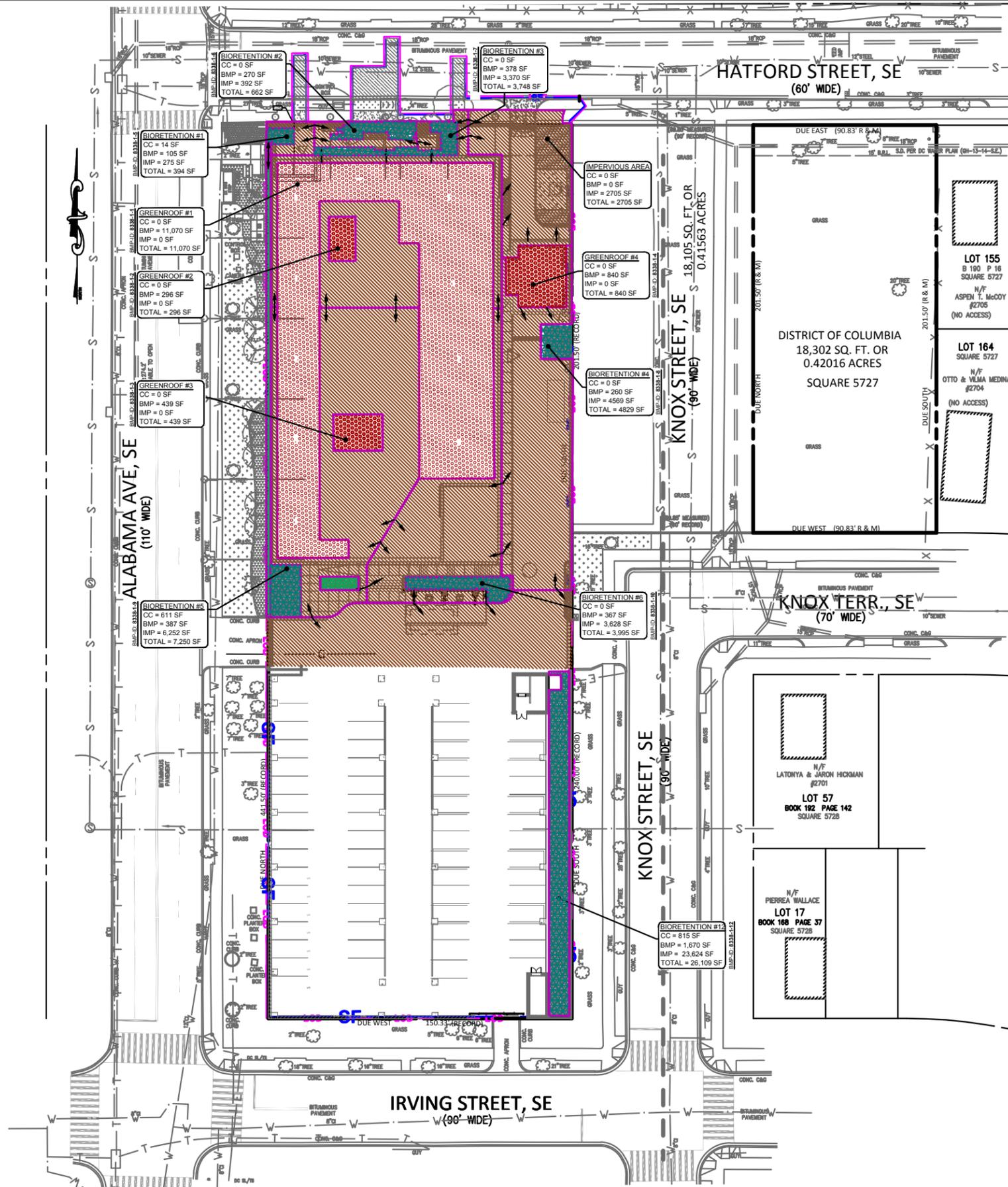
- 14 NEW CONCRETE THRUST BLOCK PER DC/WATER STANDARD AND SPECIFICATIONS. REFER TO DC/WATER STANDARD DRAWING W-40.01.
- 15 NEW DUCT BANK BY OTHERS.
- 16 NEW 8.8'X5.4' PEPCO TRANSFORMER PAD BY OTHERS.
- 17 NEW CLEANOUT WELL PER DDOT STANDARDS AND SPECIFICATIONS. REFER TO DDOT STANDARD DETAIL 621.51.
- 18 NEW 4" PERFORATED PVC SCH 40 STORM SEWER LATERAL.
- 19 NEW CIRCULAR OVERFLOW DRAIN OR APPROVED EQUIVALENT.
- 20 NEW 6" SCHEDULE 40 PVC STORM SEWER LATERAL.
- 21 NEW TRENCH DRAIN. NEENAH R-499 OR APPROVED EQUAL.
- 22 NEW GRATE TYPE CATCH BASIN WITH SAFETY GRATE. PER DC WATER STANDARDS AND SPECIFICATIONS. REFER TO DC WATER DETAIL S-30.30 ON SHEET CIV0503.
- 23 NEW GEOTHERMAL WELLS SHOWN ONLY COORDINATION PURPOSE.
- 24 NEW 4"-2W PEPCO PRIMARY CONDUITS BY OTHERS.
- 25 NEW 4"-15W PEPCO SECONDARY CONDUITS BY OTHERS.
- 25 NEW 4"-4W PEPCO PRIMARY CONDUITS BY OTHERS.
- 26 NEW BOLLARDS BY OTHERS. FINAL LOCATION & QUANTITY TO BE DETERMINED BY PEPCO CONDUIT INSPECTOR.
- 27 NEW COMCAST CONDUITS TO BE DESIGNED & INSTALLED BY COMCAST.
- 28 NEW 4"-1W DC NET BY OTHERS.
- 29 NEW 4' -1W COMCAST, STUB 12" INSTALLED BY COMCAST.
- 30 NEW 4'-2W VERIZON BY OTHERS.
- 31 EX. PEPCO POLE #808371-550800 (TO REMAIN).



Utility Plan

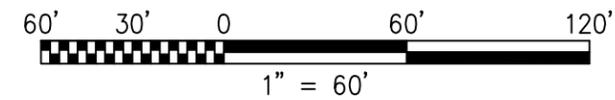
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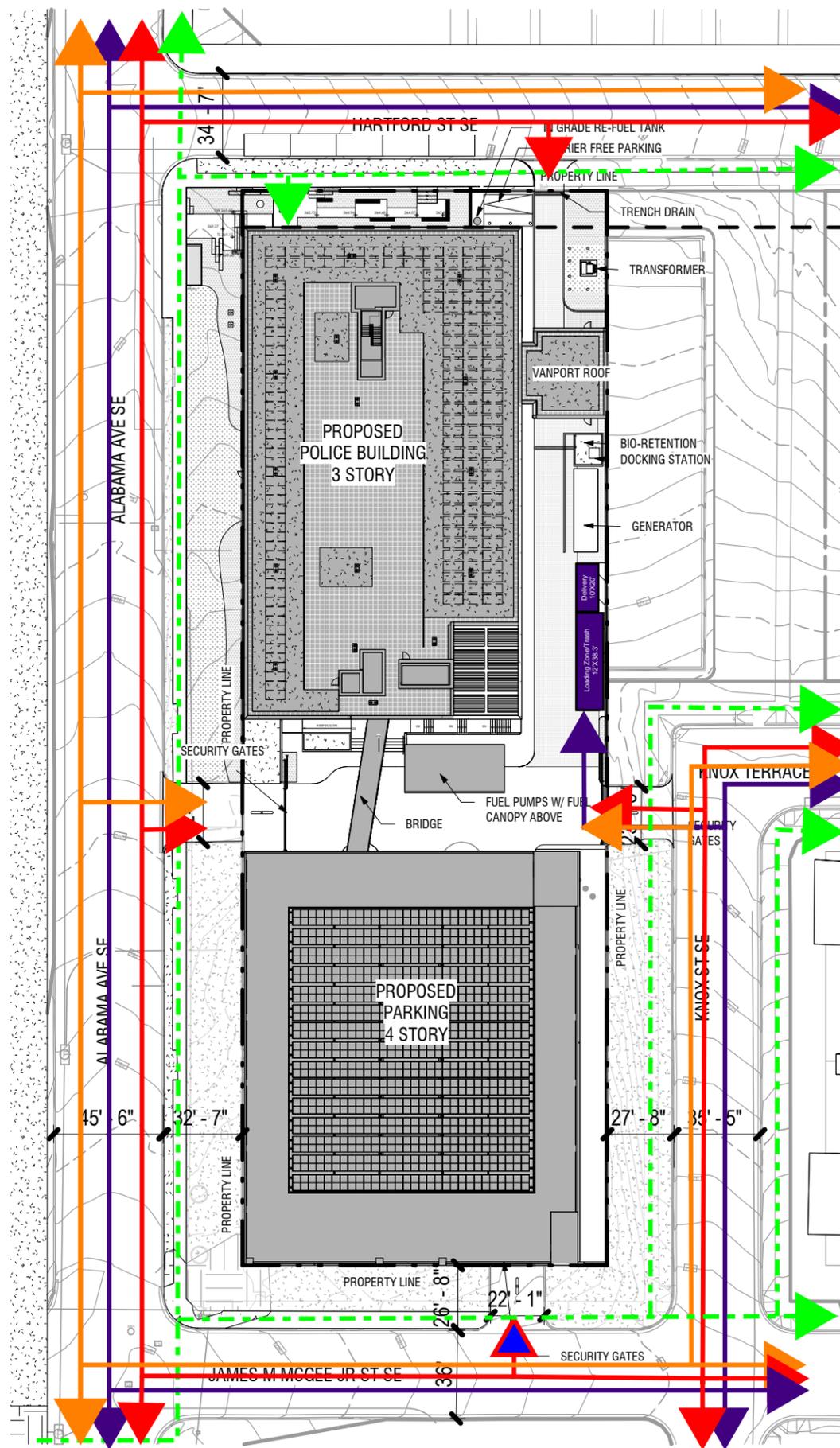
j:\2024\018_mpd-7th_hq\24018.00\CAD\ENG\pud_exhibit_Sheets\CIV0702 Storm Water Management Plan - Proposed.dwg_8/15/2025 11:47:22 AM



Storm Water Management Plan - Proposed

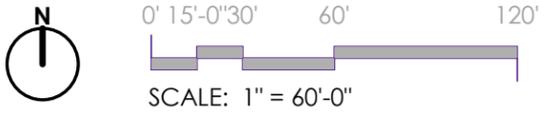
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Proposed Site Circulation & Access

-  MPD Vehicle
-  Loading
-  Bicycle
-  Pedestrian
-  Public Vehicle
-  Loading Zone



C-80 SITE PLAN