

OWNER:  
ZAVITA N. JACKSON & HELEN C. JACKSON  
1142 44TH PL SE WASHINGTON DC 20019  
SCOPE OF WORK:  
REAR ADDITION 12'x26' BASEMENT ADDITION

ADDRESS: 1142 44TH PL SE  
WASHINGTON DC 20019  
SQUARE: 5361  
LOT: 0841

THE APPLICANT SHALL CONTACT THE  
DEPARTMENT AT 202-535-2977 TO  
SCHEDULE A PRE-CONSTRUCTION MEETING  
BEFORE THE COMMENCEMENT OF LAND  
DISTURBANCE ACTIVITIES

PROJECT NARRATIVE:

1. NO IMPACT ON STORM WATER  
DRAINAGE OR SURFACE WATER  
RUNOFF. ALL WORK IS INTERIOR.  
STOCKPILED SOIL WILL BE HAULED  
OFF TO OFFSITE LOCATIONS.

Disturbed Area Rear: = 335 SQF

VOLUME OF EXCAVATION

RIGHT & LEFT SIDE =  $(2) \left[ \frac{1}{2} (12.0' \times 2.0' \times 2.5') / 27 \right] = 4.4$  CY  
REAR SIDE =  $(27.0' \times 2.0' \times 3.0') / 27 = 6.0$  CY  
FLOOR AREA =  $(12.0' \times 27.0' \times 1.0') / 27 = 12.0$  CY  
TOTAL = 22.4 CY

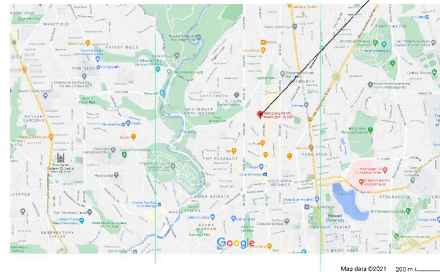
VOLUME OF BACKFILL

RIGHT & LEFT SIDE =  $(2) \left[ \frac{1}{2} (12.0' \times 2.0' \times 0.5') / 27 \right] = 0.9$  CY  
REAR SIDE =  $(27.0' \times 2.0' \times 0.5') / 27 = 1.0$  CY  
FLOOR AREA =  $(12.0' \times 27.0' \times 0.5') / 27 = 6.0$  CY  
TOTAL = 8.0 CY

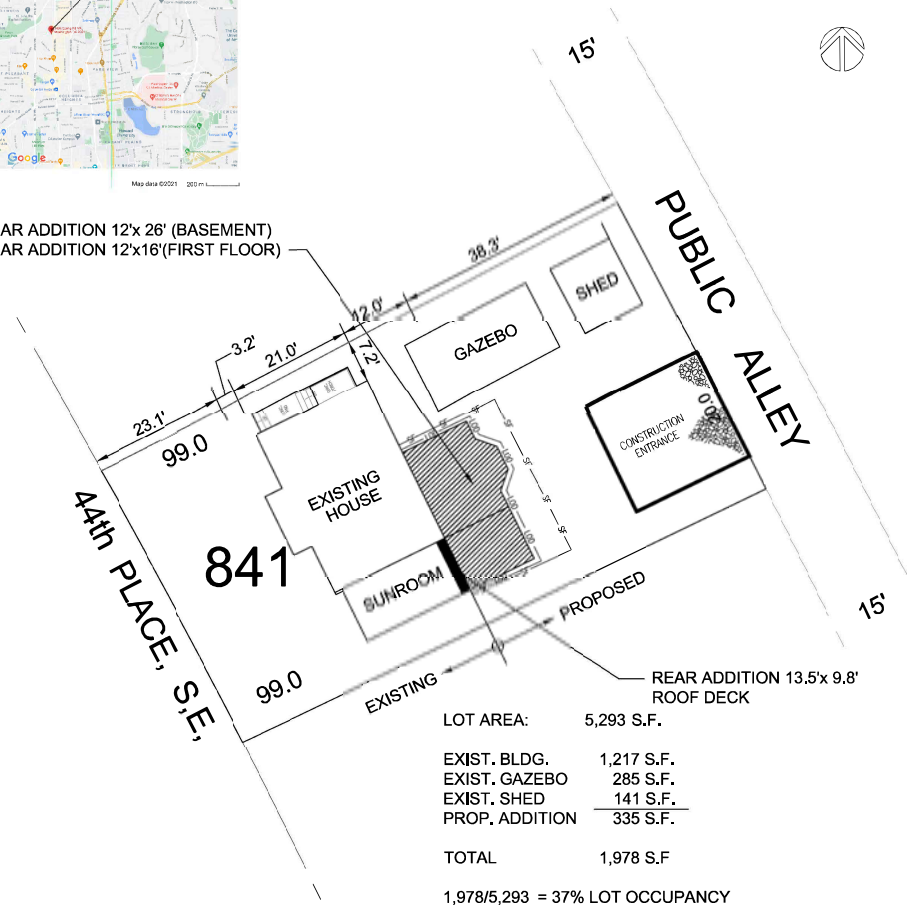
LEGEND:

S.F. SILT FENCE  
LOD LIMIT OF DISTURBANCE  
STABILIZED CONSTRUCTION ENTRANCE

**PROJECT  
LOCATION**



REAR ADDITION 12'x26' (BASEMENT)  
REAR ADDITION 12'x16' (FIRST FLOOR)



LOT AREA: 5,293 S.F.

EXIST. BLDG. 1,217 S.F.  
EXIST. GAZEBO 285 S.F.  
EXIST. SHED 141 S.F.  
PROP. ADDITION 335 S.F.

TOTAL 1,978 S.F.

1,978/5,293 = 37% LOT OCCUPANCY

EROSION & SEDIMENT CONTROL PLAN



DRAWING TITLE

**EROSION & SEDIMENT  
CONTROL PLAN**

LOCATION

1142 44TH PL SE  
WASHINGTON DC 20019

DESIGN BY

JUAN O. TORRES-DOUGLAS

PLAT INFORMATION

SQUARE 5361  
LOT 0841

SEAL



**dlc**

TORRES DOUGLAS  
CORPORATION  
P.O. BOX 93015  
WASHINGTON DC 20090  
TEL (202) 296-4415

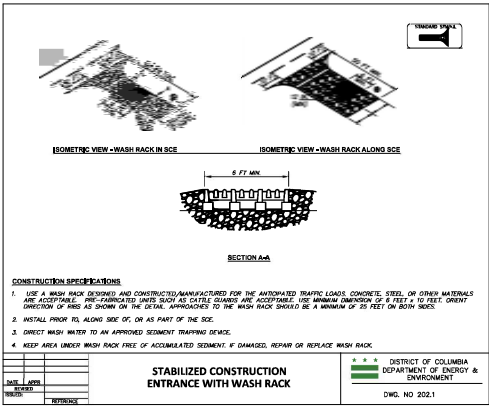
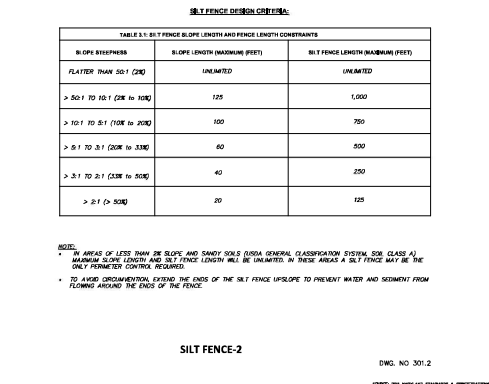
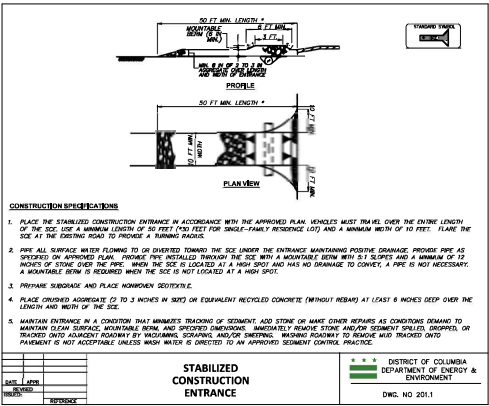
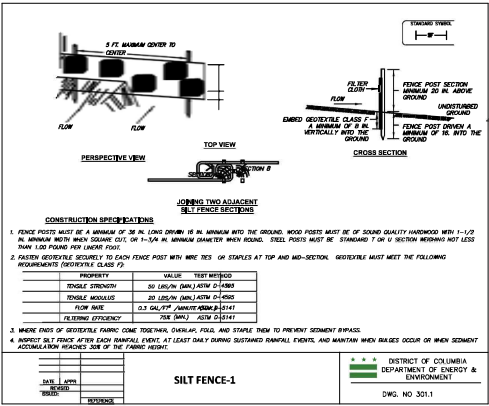
WWW.TORRESDOUGLASCORP.COM

PERMIT SUBMISSION

REVISIONS		
NO.	DESCRIPTION	DATE

ESC01

DATE 12/15/2023 SHEET 16 OF 26



CONTRACTOR TO FOLLOW THE DESIGN, CONSTRUCTION, AND MAINTENANCE SPECIFICATIONS FOR EACH MEASURE PER THE 2017 DOE EROSION AND SEDIMENT CONTROL GUIDEBOOK.

DOEE SOIL EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES	
1.	Following initial land disturbance or re-disturbance, permanent or interim stabilization must be completed within seven (7) calendar days for the surfaces of all perimeter controls, dikes, swales, ditches, perimeter slopes, and slopes greater than three (3) horizontal to one (1) vertical (3:1); and fourteen (14) days for all other disturbed or graded areas on the project site. These requirements do not apply to areas shown on the plan that are used for material storage other than stockpiling, or for those areas on the plan where actual construction activities are being performed. Maintenance shall be performed as necessary so that stabilized areas continuously meet the appropriate requirements of the District of Columbia Standards and Specifications for Soil Erosion and Sediment Control (ESC), [21 DCMR § 542.9 (a)].
2.	ESC measures shall be in place before and during land disturbance. [21 DCMR § 543.6]
3.	Contact DOE Inspection (202) 535-2977 to schedule a preconstruction meeting at least three (3) business days before the commencement of a land-disturbing activity. [21 DCMR § 503.2 (a)]
4.	A copy of the approved plan set will be maintained at the construction site from the date that construction activities begin to the date of final stabilization and will be available for DOE inspectors. [21 DCMR § 542.15]
5.	ESC measures shall be in place to stabilize an exposed area as soon as practicable after construction activity has temporarily or permanently ceased but no later than fourteen (14) days following cessation, except that temporary or permanent stabilization shall be in place at the end of each day of underground utility work that is not contained within a larger development site. [21 DCMR § 543.7]
6.	Stockpiled material being actively used during a phase of construction shall be protected against erosion by establishing and maintaining perimeter controls around the stockpile. [21 DCMR § 543.16 (a)]
7.	Stockpiled material not being actively used or added to shall be stabilized with mulch, temporary vegetation, hydro-seed or plastic within fifteen (15) calendar days after its last use or addition. [21 DCMR § 543.16 (b)]
8.	Fill material must be free of contamination levels of any pollutant that is, or may be considered to represent, a possible health hazard to the public or may be detrimental to surface or ground water quality, or which may cause damage to property or the drainage system. All fill material must be free of hazardous materials and comply with all applicable District and federal regulations.
9.	Protect best management practices from sedimentation and other damage during construction for proper post construction operation. [21 DCMR § 543.5]
10.	Request a DOE Inspector's approval after the installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. [21 DCMR § 542.12 (a)]
11.	Request a DOE Inspector's approval after final stabilization of the site and before the removal of erosion and sediment controls. [21 DCMR § 542.12 (b)]
12.	Final stabilization means that all land-disturbing activities at the site have been completed and either of the following two criteria have been met: (1) a uniform (for example, evenly distributed, without large bare areas) perennial vegetative cover with a density of seventy percent (70%) of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or (2) equivalent permanent stabilization measures have been employed (such as the use of riprap, gabions, or geotextiles). [21 DCMR § 542.12 (b.1, 2)]
13.	Follow the requirements of the United States Environmental Protection Agency approved Stormwater Pollution Prevention Plan (SWPPP) and maintain a legible copy of this SWPPP on site. [21 DCMR § 543.10 (b)]
14.	Post a sign that notifies the public to contact DOE in the event of erosion or other pollution. The sign will be placed at each entrance to the site or as directed by the DOE Inspector. Each sign will be no less than 18 x 24 inches in size and made of materials that will withstand weather for the duration of the project. Lettering will be at least 1 inch in height and easily readable by the public from a distance of twelve feet (12 ft). The sign must direct the public, in substantially the following form: "To Report Erosion, Runoff, or Stormwater Pollution" and will provide the construction site address, DOE's telephone number (202-535-2977), DOE's e-mail address (EB.scheduling@dc.gov), and the 311 mobile app heading ("Construction Erosion Runoff"). [21 DCMR § 543.22]
If a site disturbs 5,000 square feet of land or greater, the ESC plan must contain the following statement:	
15.	A Responsible Person must be present or available while the site is in a land-disturbing phase. The Responsible Person is charged with being available to (a) inspect the site and its ESC measures at least once biweekly and after a rainfall event to identify and remedy each potential or actual erosion problem; (b) respond to each potential or actual erosion problem identified by construction personnel; and (c) speak on site with DOE to remedy each potential or actual erosion problem. A Responsible Person shall be (a) licensed in the District of Columbia as a civil or geotechnical engineer, a land surveyor, or architect; or (b) certified through a training program that DOE approves, including a course on erosion control provided by another jurisdiction or professional association. During construction, the Responsible Person shall keep on site proof of professional licensing or of successful completion of a DOE-approved training program. [21 DCMR § 547]

## DRAWING TITLE

## EROSION & SEDIMENT CONTROL DETAILS

## LOCATION

1142 44TH PL SE  
WASHINGTON DC 20019

## DESIGN BY

JUAN O. TORRES-DOUGLAS

## PLAT INFORMATION

SQUARE 5361

LOT 0841

## SEAL



**dlc**

TORRES DOUGLAS  
CORPORATION  
P.O. BOX 93015  
WASHINGTON DC 20090  
TEL (202) 266-4415

WWW.TORRESDOUGLASCORP.COM

## PERMIT SUBMISSION

REVISIONS		
NO.	DESCRIPTION	DATE

ESC02

DATE 12/15/2023 SHEET 15 OF 26





PROPOSED  
SCALE: 1/4" = 1'-0"



PROPOSED  
SCALE: 1/4" = 1'-0"

## DATE 12/15/2023 SHEET 17 OF 26





DATE 12/15/2023 SHEET 18 OF 26

PLUMBING

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE GOVERNING CODES AND REGULATIONS, WHERE ANY PORTION OF THE SYSTEM SHOWN IS NOT IN ACCORDANCE WITH APPLICABLE LAWS, ORDINANCES, REGULATIONS OR CODES, THIS CONTRACTOR SHALL MAKE ALL CHANGES TO THE DRAWINGS, AND OBTAIN THE APPROVAL OF THE ENGINEER AND THE CITY OF WASHINGTON, D.C. AUTHORITIES IN A MANNER APPROVED BY THE ENGINEER AND AT NO ADDITIONAL COST TO THE OWNER.
2. THIS CONTRACTOR SHALL ORDER AND OBTAIN ALL NECESSARY TESTS, PERMITS AND CERTIFICATES OF APPROVAL AND PAY ANY REQUIRED FEES FOR IT.
3. ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. ALL EQUIPMENT, FIXTURES AND MATERIALS SHALL BE NEW AND SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. EQUIPMENT CAPACITIES AND MANUFACTURER MODEL NUMBERS ARE INDICATED ON THE DRAWINGS.
6. ALL EQUIPMENT REQUIRING ELECTRIC POWER SHALL BE SUITED FOR USE WITH THE POWER TO BE SUPPLIED. SEE ELECTRICAL DRAWINGS. ALL ELECTRICAL REQUIREMENTS SHALL BE COORDINATED WITH THE ELECTRICAL CONTRACTOR.
7. THIS CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH THE GENERAL CONTRACTOR FOR THE EXACT LOCATION OF CHASES, FLOORING SPACES, DROPPED CEILINGS, STRUCTURE PENETRATIONS, PAINTING, ETC.
8. THIS CONTRACTOR SHALL INSTRUCT THE OWNER IN THE OPERATION AND MAINTENANCE OF ALL COMPONENTS OF THE INSTALLATION. A ONE YEAR SERVICE CONTRACT SHALL BE INCLUDED AS PART OF THIS WORK.

BASIC MATERIALS AND METHODS

1. ALL PIPING CONNECTIONS TO EQUIPMENT SHALL BE MADE WITH GROUND JOINT UNIONS.
2. PIPE HANGER AND SUPPORTS: CLEVIS OR SPLIT RING TYPE SPRING AND ROD SIZE AS RECOMMENDED IN MSSP-89 MECHANICAL CODE, AND IN ACCORDANCE WITH INDUSTRY PRACTICE. SELECT TO FIT AROUND BARE PIPE OR AROUND INSULATION WITH INSULATION SADDLE/SHEILD FOR INSULATED PIPING HANGERS FOR COPPER PIPE SHALL BE COPPER OR COPPER PLATED. BARE IRON HANGERS SHALL NOT BE USED. HANGERS AND ACCESSORIES SHALL BE F&M CORPORATION OR APPROVED EQUAL.
3. PIPE SUPPORTS: SUPPORTS TO BE PROVIDED IN ACCORDANCE WITH APPLICABLE CODES AND IN ACCORDANCE WITH INDUSTRY PRACTICE. STEEL RISER CLAMPS WITH PLASTIC COATING OR COPPER PLATED OR COPPER PIPES. F & M CORPORATION OR EQUAL.

PIPING SPECIALTIES

1. PROVIDE FACTORY FABRICATED PIPING SPECIALTIES OF TYPES RECOMMENDED BY MANUFACTURERS FOR SERVICES INDICATED.
2. PROVIDE ESCUTCHION PLATES WHEREVER PIPES PASS THROUGH WALLS, FLOORS OR CEILINGS, OUTSIDE DIAMETER TO COVER COMPLETELY PIPE PENETRATION HOLE OR PIPING SLEEVE, NICKEL OR CHROME FINISH FOR EXPOSED AREAS, PRIME PAINT FINISH FOR CONCEALED AREAS.
3. UNIONS: PROVIDE DIELECTRIC UNIONS AT CONNECTIONS BETWEEN FERROUS AND NON-FERROUS PIPING. EPDM, STOCKHAM OR EQUAL.

INSULATION

1. PROVIDE INSULATION FOR PIPING, AND EQUIPMENT OF TYPES AND THICKNESS SPECIFIED HEREIN. INSULATION SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING 25 AND A SMOKE DEVELOPMENT RATING NOT EXCEEDING 50. INITIAL INSULATION IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. A CONTINUOUS VAPOR BARRIER SHALL BE PROVIDED ON ALL COLD WATER PIPING AND COLD AIR DUCTWORK. INSULATION SHALL BE ARMSTRONG, CERTAINTED, OWENS-CORNING OR JOHNS-MANVILLE.
2. INSULATION FOR HOT WATER PIPE WITH A MINIMUM THERMAL RESISTANCE (R-VALUE) OF R-3 SHALL BE APPLIED TO THE FOLLOWING:
  1. PIPING LARGER THAN 3/4" INCH NOMINAL DIAMETER.
  2. PIPING SERVING MORE THAN ONE DWELLING UNIT.
  3. PIPING FROM THE WATER HEATER TO KITCHEN OUTLETS.
  4. PIPING LOCATED OUTSIDE THE CONDITIONED SPACE.
  5. PIPING FROM THE WATER HEATER TO A DISTRIBUTION MANIFOLD.
  6. PIPING LOCATED UNDER A FLOOR SLAB.
  7. BURIED PIPING.
3. SUPPLY AND RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRCULATION SYSTEMS.
4. PIPING WITH RUN LENGTHS GREATER THAN THE MAXIMUM RUN LENGTHS FOR THE NOMINAL PIPE DIAMETER GIVEN IN TABLE R403.4.2.
5. ALL REMAINING PIPING SHALL BE INSULATED TO AT LEAST R-3 OR MEET THE RUN LENGTH REQUIREMENTS OF TABLE R403.4.2.

TOTAL LENGTH OF ALL PIPING FROM THE DISTRIBUTION MANIFOLD OR THE RECIRCULATION LOOP TO A POINT OF USE

PIPING INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED FROM DAMAGE, INCLUDING THAT DUE TO SUNLIGHT, MOISTURE, EQUIPMENT MAINTENANCE AND WIND, AND SHALL PROVIDE SHIELDING FROM SOLAR PIPING.

1. INSTALL PIPE, TUBE AND FITTINGS IN ACCORDANCE WITH INDUSTRY PRACTICE WHICH WILL ACHIEVE PERMANENTLY LEAKPROOF PIPING SYSTEMS, CAPABLE OF PERFORMING EACH INDICATED SERVICE WITHOUT PIPING FAILURE. TEST PIPING FOR LEAKAGE. REPAIR PIPING SYSTEMS SECTIONS WHICH FAIL TEST BY DISASSEMBLY AND RE-INSTALLATION, USING NEW MATERIALS TO THE EXTENT REQUIRED TO OVERCOME LEAKAGE. UNDER NO CIRCUMSTANCES USE CHEMICALS, STOP-LEAK COMPOUNDS, MASTICS, TAPES OR OTHER TEMPORARY REPAIR METHODS.
2. ALL SANITARY PIPING SHALL BE SLOPED AS NOTED IN PLANS, WHERE NOT NOTED, SLOPE PIPING AT MINIMUM REQUIRED BY CODE.
3. ALL PIPING SHOWN ON THE FLOOR PLANS SHALL BE LOCATED ABOVE THE CEILING OR INSIDE CHASES UNLESS OTHERWISE NOTED.
4. STORM, WASTE AND VENT PIPING SHALL BE SERVICE WEIGHT MCHUB CAST IRON PIPE AND FITTINGS (CSP1 30), HUB & SPIGOT SOIL PIPE AND FITTINGS ASTM A-74, GALVANIZED STEEL PIPE WITH DRAINAGE PATTERN SCREWED GALVANIZED CAST IRON FITTINGS ANS/ASTM A-74 OR DUV COPPER WITH WROUGHT COPPER FITTINGS, ASTM B306, OR SCHEDULE 40 PVC.
5. DOMESTIC WATER PIPING SHALL BE TYPE "C" HARD-DRAWN TEMPER, WROUGHT COPPER FITTINGS, NON-LEAD SOLDERED JOINTS WITH NON-CORROSIVE FLUX, ANSI 8-88.

CLEANOUTS

1. CLEANOUTS SHALL BE INSTALLED NOT MORE THAN 50 FT. APART IN HORIZONTAL DRAINAGE LINES. A CLEANOUT SHALL BE PROVIDED AT THE BASE OF EACH VERTICAL WASTE, SOIL, STACK, OR RAINLEADER. THERE SHALL BE A CLEANOUT AT THE JUNCTION OF THE SANITARY BUILDING DRAINAGE AND BUILDING SEWERS, AND THE STORM AND BUILDING SEWERS.
2. CLEANOUTS ON CONCEALED PIPING SHALL BE EXTENDED THROUGH AND TERMINATE FLUSH WITH THE FINISHED WALL OR FLOOR WITH ACCESS COVER OF SUFFICIENT SIZE TO PERMIT REMOVAL OF THE CLEANOUT PLUG. CLEANOUTS SHALL NOT BE INSTALLED IN AREAS OF FLOORS TO RECEIVE TERRAZZO, CERAMIC TILE OR STONE FINISH.
3. CLEANOUTS SHALL BE INSTALLED SO THAT THE CLEANOUT OPENS IN THE DIRECTION OF THE DRAINAGE LINE OR AT RIGHT ANGLES THERETO.
4. CLEANOUTS SHALL BE OF THE SAME NOMINAL SIZE AS THE PIPES THEY SERVE UP TO 4" AND NOT LESS THAN ONE NOMINAL PIPE SIZE SMALLER FOR LARGER PIPE.
5. A FIXTURE TRAP OR A FIXTURE WITH INTEGRAL TRAP, READILY REMOVABLE WITHOUT DISTURBING CONCEALED PIPING, MAY BE ACCEPTED AS A CLEANOUT EQUIVALENT.
6. CLEANOUTS SHALL BE "ZURN", "JAY R. SMITH", "WADE", OR "JOSAM".

- A. EXPOSED CONCRETE FLOOR: Z-1400-HB
- B. KITCHEN FLOORS: ZN-1400
- C. TILE FLOORS: ZN-1400-X
- D. CARPETED FLOORS: ZN-1400-CH
- E. FINISHED FLOORS: ZN-1400
- F. FINISHED WALLS: Z-1445-1468 ACCESS COVER AND PLUG
- G. EXPOSED PIPING: Z-1445
- H. EXTERIOR CONCRETE: Z-1449

7. LOCATE CLEANOUTS IN ACCESSIBLE LOCATIONS WHEREVER POSSIBLE, ABOVE SUSPENDED CEILINGS ETC. IF LOCATED ABOVE OR BEHIND DRYWALL CEILINGS, PROVIDE STEEL ACCESS PANELS DIRECTLY IN FRONT OF VALVES. PROVIDE CHROME PLATED BRASS COVER PLATES FOR CLEANOUTS LOCATED WITHIN DRYWALL PARTITIONS. LOCATIONS MUST BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION OF PIPING SYSTEM.

VALVES

1. GATE VALVES: 2-INCH AND SMALLER: MSS 30-80, CLASS 150, BODY AND BONNET OF ASTM B 68 CAST BRONZE, WITH THREADED OR SOLDER END, SOLID DISC, COPPER-SILICON ALLOY STEM, BRASS PACKING GLAND, "TEFLON" IMPREGATED PACKING, AND MALLEABLE IRON HANDWHEEL. PROVIDE CLASS 150 VALVES MEETING THE ABOVE AND MALLEABLE IRON HANDWHEEL. PROVIDE CLASS 150 VALVES MEETING THE ABOVE WHERE SYSTEM PRESSURE REQUIRES. DO NOT USE SOLDER END VALVES FOR HOT WATER HEATING OR STEAM PIPING APPLICATIONS.
2. BALL VALVES: 2-PIECE, BRONZE BODY, BLOW-OFF PROOF STEM, METAL BALL, TEFLO SEAL RING, SCREWED OR SOLDERED ENDS, 400 LB. VOG, NIBCO OR STOCKHAM.
3. PROVIDE VALVES FOR THE FOLLOWING SERVICES:
  1. DOMESTIC WATER 1" AND LARGER - GATE VALVE
  2. DOMESTIC WATER SMALLER THAN 1" - BALL VALVE
  3. LOCATE VALVES IN ACCESSIBLE LOCATIONS WHEREVER POSSIBLE, ABOVE SUSPENDED CEILINGS ETC. IF LOCATED ABOVE OR BEHIND DRYWALL CEILINGS OR WALLS, PROVIDE STEEL ACCESS PANELS DIRECTLY IN FRONT OF VALVES. LOCATION MUST BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION OF PIPING SYSTEM.

FIXTURES

1. FIXTURES, FITTINGS, TRIM AND ACCESSORIES SHALL BE SAME MANUFACTURERS TO THE EXTENT POSSIBLE.
2. BARRIER FREE STANDARDS: COMPLY WITH APPLICABLE AND STANDARDS PERTAINING TO PLUMBING FIXTURES AND SYSTEMS INCLUDING ANSI A 117.1 STANDARD PERTAINING TO PLUMBING FIXTURES FOR THE HANDICAPPED. COMPLY WITH THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT". FIXTURES DESIGNATED BARRIER FREE ARE INTENDED TO BE "USABLE" BY PHYSICALLY HANDICAPPED PEOPLE. FIXTURES FOR USE BY HANDICAPPED PEOPLE SHALL BE INSTALLED IN ACCORDANCE WITH ANSI A 117.1.
3. ENERGY CONSERVATION CODE COMPLIANCE: COMPLY WITH LOCAL AUTHORITY STANDARDS FOR PLUMBING FIXTURE FLOW FURNISHED, ROUGH-IN-IN DIMENSIONED DRAWINGS, FIXTURE CARRIERS, AND INSTALLATION INSTRUCTIONS. PROPOSED SUBSTITUTIONS SHALL BE INDICATED AND DRAWINGS, CATALOG LITERATURE, OR OTHER DATA SHALL BE FURNISHED FOR COMPARISON.
4. SUBMIT MANUFACTURER'S SPECIFICATIONS FOR PLUMBING FIXTURES AND TRIM, INCLUDING CATALOG LITERATURE AND MANUFACTURER'S NAME OF EACH FIXTURE TYPE AND TRIM ITEM FURNISHED, ROUGH-IN-IN DIMENSIONED DRAWINGS, FIXTURE CARRIERS, AND INSTALLATION INSTRUCTIONS. PROPOSED SUBSTITUTIONS SHALL BE INDICATED AND DRAWINGS, CATALOG LITERATURE, OR OTHER DATA SHALL BE FURNISHED FOR COMPARISON.
5. FIXTURES SHALL BE WHITE EXCEPT WHERE INDICATED OTHERWISE OR WHERE FIXTURE IS PROVIDED IN A MANUFACTURED FINISH.
6. EXPOSED METAL FITTINGS, TRIM, AND ACCESSORIES SHALL HAVE FOLLOWED CHROME PLATED FINISH.
7. SUPPLIES: PROVIDE A STOP ON EACH WATER SUPPLY TO EACH FIXTURE. PROVIDE ACCESS PANELS FOR CONCEALED PIPING.
8. TRAPS: PROVIDE A TRAP ON EACH FIXTURE, EXCEPT WHERE FIXTURE SPILLS OVER A PROPERLY TRAPPED DRAIN OR OTHER RECEPTOR. ALL SINK AND LAVATORY TRAPS SHALL BE CHROME PLATED CAST BRASS SWIVEL PATTERN WITH CLEANOUT. ALL TUBING DRAINS SHALL BE MINIMUM 17 GAUGE THICKNESS CHROME PLATED METAL.
9. ESCUTCHIONS: PROVIDE DEEP PATTERN ESCUTCHIONS FOR SUPPLIES AND TRAPS WHERE ROUGH-IN PIPING WOULD BE VISIBLE USING STANDARD ESCUTCHIONS.

PLUMBING FIXTURE CONNECTION SCHEDULE						
TAG	DESCRIPTION	W	V	CW	HW	REMARKS
WC	WATER CLOSET	3"	1/2"	1/2"	1/2"	FLUSH TANK
L	LAVATORY	1/2"	1/2"	1/2"	1/2"	-
T	BATHTUB	1/2"	1/2"	1/2"	1/2"	-
SH	SHOWER	2"	1/2"	1/2"	1/2"	-
SK	SINK	1/2"	-	1/2"	1/2"	-
W	WASHER	2" S.P.	1/2"	1/2"	1/2"	-

DISINFECTION OF POTABLE WATER SYSTEM  
GENERAL NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS MYTER AND DISINFECTED PRIOR TO UTILIZATION. THE METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY OR WATER PURVEYOR HAVING JURISDICTION OR, IN THE ABSENCE OF A PRESCRIBED METHOD, THE PROCEDURE DESCRIBED IN EITHER ANAWA C651 OR ANAWA C652, OR AS DESCRIBED IN THIS SECTION. THIS REQUIREMENT SHALL APPLY TO "EXISTING" OR "IN-PLANT" FABRICATION OF A SYSTEM OR TO A MODULAR PORTION OF A SYSTEM. THE PIPE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT THE POINTS OF OUTLET.  
1. THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION (50 MG/L) OF CHLORINE, AND THE SYSTEM OR PART THEREOF SHALL BE VALVED OFF AND ALLOWED TO STAND FOR 24 HOURS; OR THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION CONTAINING NOT LESS THAN 500 PARTS PER MILLION (500 MG/L) OF CHLORINE AND ALLOWED TO STAND FOR 3 HOURS.  
2. FOLLOWING THE REQUIRED STANDING TIME, THE SYSTEM SHALL BE FLUSHED WITH CLEAN POTABLE WATER UNTIL THE CHLORINE IS PURGED FROM THE SYSTEM.  
3. THE PROCEDURE SHALL BE REPEATED WHERE SHOWN BY A BACTERIOLOGICAL EXAMINATION THAT CONTAMINATION REMAINS.

P2708.3 SHOWER CONTROL VALVES, INDIVIDUAL SHOWER AND TUB/SHOWER COMBINATION VALVES SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE-BALANCE, THERMOSTATIC-MIXING OR COM BINATION PRESSURE-BALANCE/THERMOSTATIC-MIXING VALVE TYPES WITH A HIGH LIMIT STOP IN ACCORDANCE WITH ASSE 1016 ASME A 1 12.18.1/CSA B125.1. THE HIGH LIMIT STOP SHALL BE SET TO LIMIT THE WATER TEMPERATURE TO NOT GREATER THAN 120°F (49°C). IN-LINE THERMOSTATIC VALVES SHALL NOT BE USED FOR COMPLIANCE WITH THIS SECTION.  
P2713.3 BATHTUB AND WHIRLPOOL BATHTUB VALVES, HOT WATER SUPPLIED TO BATHTUBS AND WHIRLPOOL BATHTUBS SHALL BE LIMITED TO A TEMPERATURE OF NOT GREATER THAN 120°F (49°C) BY A WATER-TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070 OR CSA B125.3, EXCEPT WHERE SUCH PROTECTION IS OTHERWISE PROVIDED BY A COMBINATION TUB/SHOWER VALVE IN ACCORDANCE WITH SECTION P2708.3.

IECC R403.4.1 HOT WATER CIRCULATING SYSTEM IS CONTROL BY MANUAL SWITCH

PLUMBING LEGEND

- CO FLOOR / ACCESSIBLE CLEANOUTS
- HC HOT/COLD WATER SERVICE
- WC COLD WATER
- SH SHOWER
- SK SINK
- L LAVATORY
- W WASHER
- SANITARY PIPING ABOVE GRADE
- COLD WATER PIPING
- HOT WATER PIPING
- GAS PIPING

DRAWING TITLE

PROPOSED PLUMBING NOTES

LOCATION

1142 44TH PL SE  
WASHINGTON DC 20019

DESIGN BY

JUAN O. TORRES-DOUGLAS

PLAT INFORMATION

SQUARE 5361  
LOT 0841

SEAL



TORRES DOUGLAS CORPORATION  
P.O. BOX 93015  
WASHINGTON DC 20090  
TEL (202) 286-4415

WWW.TORRESDOUGLASCORP.COM

PERMIT SUBMISSION		
REVISIONS		
NO.	DESCRIPTION	DATE

P0001  
DATE 12/15/2023 SHEET 19 OF 26