REAR ADDITION 12'x26' BASEMENT ADDITION

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

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:

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

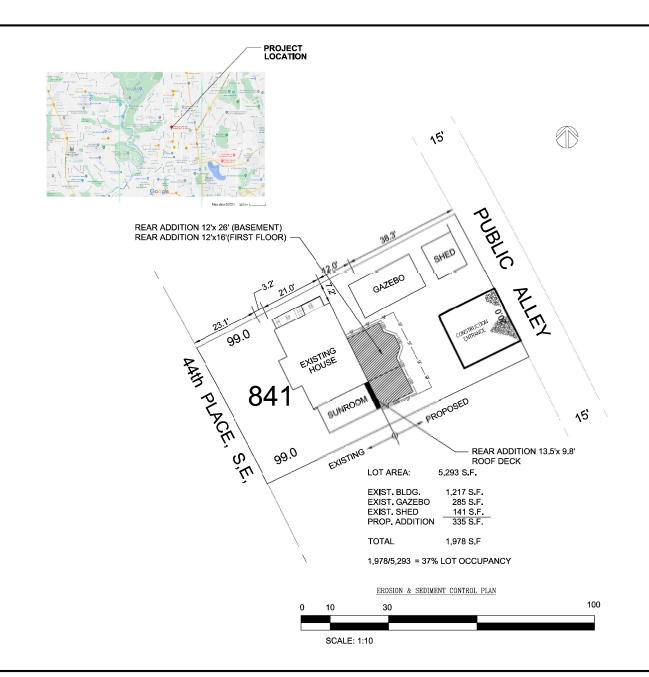
Disturbed Area Rear: = 335 SQF

VOLUME OF EXCAVATION RIGHT & LEFT SIDE = (2)[(12.0'x2.0'x2.5')/27] = 4.4 CY REAR SIDE = (27.0'x2.0'x3.0')/27 = 6.0 CY FLOOR AREA = (12.0'x27.0'x1.0')/27 TOTAL

VOLUME OF BACKFILL
RIGHT & LEFT SIDE = (2)((12.0'x2.0'x0.5')27] = 0.9 CY
REAR SIDE = (27.0'x2.0'x0.5')27 = 1.0 CY
FLOOR AREA = (12.0'x27.0'x0.5')27 = 6.0 CY =8.0 CY

LEGEND:

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



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



DIIC

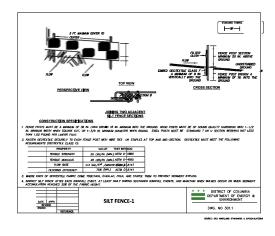
TORRES DOUGLAS CORPORATION P.O. BOX 93015 WASHINGTON DC 20090 TEL (202) 286-4415

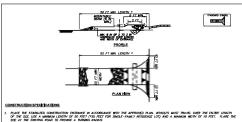
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	REVISIONS	
NO.	DESCRIPTION	DATE
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ESC01

DATE 12/15/2023 SHEET 16 OF 26





- PLACE CRUSHED AGREGATE (2 TO 3 WONES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WOTH OF THE SIZE.
- MAINTAIN DITENUE IN A CONSTITUI THAT MINNERS TRACKING OF STOMONT, ADD STOME OF MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN DEAM SURFACE, MONTHAGE BERM, AND SPECIFED DISCIPLINGUES MINEDIATELY READER STONE MONTHS STEMENT FORLED, DISCIPLED, DISCIPLED, DISCIPLED, AND SPECIAL MAINTENANCE AND ANALOGY ROBANDES Y MONTHEST MAINTENANCE AND ANALOGY ROBANDES AND ANALO

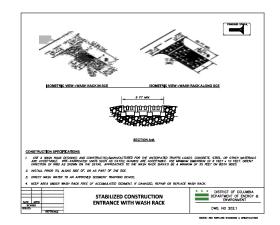
	PAREMENT IS NOT ACCEPTABLE UNICES WHICH IS UNICED TO AN APPROVED SEMBERT CONTINUE PRACTICE.				
SATE PROFE	AFFR		STABILIZED CONSTRUCTION ENTRANCE	* * * DISTRICT OF COLUMBIA DEPARTMENT OF ENERGY & ENVIRONMENT	
HOLE		REPERENCE	LITTIMICE	DMG. NO 201.1	

TABLE 3.1: SILT	FENGE SLOPE LENGTH AND FENGE LENGTH O	CHSTRAINTS	
SLOPE STEEPHESS	SLOPE LENGTH (MAXIMUM) (FEET)	SILT FENCE LENGTH (MAMMUM) (FEET)	
FLATTER THAN 50:1 (290)	LINELHATED		
> 50:1 TO 10:1 (2% to 10%)	125	1,000	
> 10:1 10 5:1 (10% to 20%)	100	750	
> 5:1 70 3:1 (20# to 33#)	60	500	
3:1 70 2:1 (338 to 508)	40	250	
> 21 (> 508)	20	125	

- MODE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SISTEM, SOIL CLASS A) MANNIAN SLOPE LIDEOTH AND SET TITLEC LINGTH WILL BE UNLIMITED. IN THISSE AREAS A SET FETHER MAY BE THE MAY PERMITTED CONTROL REQUIRED.
- TO ANDIO CIRCUMVENTION, EXTEND THE ENDS OF THE SILT FENCE UPSLOPE TO PREVENT WATER AND SEDIMENT FROM FLOWING ANDIMO THE ENDS OF THE FENCE.

SILT FENCE-2

DWG. NO 301.2



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

- Following initial and disturbance or re-disturbance, permanent or interim stabilization must be completed within sever (7) claindar days for the surfaces of all perimeter controls, dises, swales, ditches, perimeter slopes, and slopes greater than three (3) horizontal to one (1) vertical (31), and fourten (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 (o)]

 2. ESC measures shall be in place before and ouring and distutance, [21 DCMR § 543.6]

 3. Contact DOE Inspection (202) 355-2977 to schedule a preconstruction meeting at least three (3) business days before
- the commencement of a land-disturbing activity. [21 DCMR § 503.7 (a)]

 4. A copy of the approved plan set will be maintained at the construction site from the date that construction activities
- A copy of the approve generate was the mannered as the construction set from the date and consolications begin to the date of final stabilization and will be a validate for ODEI inspector; 2,1 DOMR § 92.1; 2 DOMR § 92.1; 2 DOMR § 92.1; 2 DOMR § 92.1; 2 DOMR § 92.1; 3 DOMR §
- a larger development site. [21 DCMR 9 543.7]

 Stockpiller material being actively used during a phase of construction shall be protected against enosion by establishing and material pering extreme corrors a surror the stockpile. [21 DCMR 9 543.16 (a)]

 Stockpiller material not being actively used or added to shall be stabilized with mulch, temporary vegetation, hydrosed or plastic within fifteen [15] calender days after this tax or addition. [21 DCMR 9 543.16 (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
- construction operation. [21 DCMR § 543.5]
- 10. Request a DOEE inspector's approval after the installation of perimeter erosion and sediment controls, but before
- A Request a Oct. Inspector is approved into the instantiant of perinder electricitists and submitted to the operation of perinder electricitists and submitted to the operation of perinder electricitists and perinder electricitists. In the operation of the site and before the removal of erosion and sediment controls. [2.1 ORM § 54.21.2 [6]]

 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 perstabilization measures have been employed (such as the use of riprap, gabions, or geotextiles). [21 DCMR § 542.12 (b.1,
- 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 DDEI in the event of erosion or other poliution. The sign will be placed at each entrance to the site or as directed by the DOEI 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 make or makerials viax will withstand weather for the obtaction of the project. Lettering will be at least 1 min in regist and easily readed by the public from a distance of twelve feet (12 ft, 1 The sign must direct the public, in substantially the following form: "To Report Gration, Runoff, or Stormwater Pollution" and will provide the construction site address ODE's stelphone number (202-353-2977), ODE's *- mail address (IEB.scheduling@dc.gov), and the 311 mobile app heading ("Construction-Fosion Runoff", (21 DCMR \$453.22)
- 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 described to describe a consideration of the control of th

DRAWING TITLE

EROSION & SEDIMENT CONTROL DETAILS

LOCATION

1142 44TH PL SE WASHINGTON DC 20019

DESIGN BY

JUAN O. TORRES-DOUGLAS

PLAT INFORMATION

SQUARE





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

WWW.TORRESDOUGLASCORP.COM

NO. DESCRIPTION DATE

ESC02

DATE 12/15/2023 SHEET 15 OF 26

A. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS INCLUDING BUT NOT LIMITED TO-2012 IRC INTERNATIONAL BUILDING CODE

IT SMALL BE THE RESPONDIBILITY OF THIS CONTINUED TO EXAMINE THE ARCHITECTURE, MCCHINCIA, FLURBING, AND LECTERIAL REMOVING AND SECRETATION, AND SMALL YERBY ALL EXITING CONDITIONS EXTREM CONTINUES VIRE AND SMALL INDITES ARCHITECT MADURE EXIMISER IF A CONDITION EXISTS VIHIOUS PREVENTS THE CONTRACTOR FROM ACCOMPLISHING THE DIRECTOR THE REMOVINGS.

C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL VORK AND MATERIALS TO ACCOMPLISH THE INTENT OF THE PHANS. PLANS INDICATE THE EXTENT, GENERAL DHARACTER AND LOCATION OF VORE INDICATED BY HANDING MINOR DETAILS NOT SHOWN, SHALL BE FURNISHED CAMPILITY, IT HIS CONTRACTOR, TO PERFORM THE FUNCTION INTENDED.

D. ALL WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL CODES HAVING JURISDICTION AND TO BE STRICTLY DISCRIPTED.

E. ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER AND/OR HIS DULY AUTHORIZED REPRESENTATIVE.

F. CONTRACTOR SHALL NOT CORE BRILL CONCRETE SLABS FOR ANY SLEEVES, INSERTS OR FOR ANY REASON VITHOUT THE KNOWLEDGE AND VRITTEN CONSENT OF THE STRUCTURAL ENGINEER AND THE OWNER.

ALL WORK AND EQUIPMENT SHALL BE THOROUGHLY CLEANED AND THE CONTRACTOR SHALL PROVIDE A NEW SET OF FILTERS IN BEALD HAVE EQUIPMENT AT THE THE OF SUBSTANTIAL COMPLETION PLUS DOES ADDITIONAL SET FOR ALL HAVE EQUIPMENTS. OF READY FOR THE USE OF THE OWNER BEFORE FAMIL, INSPECTION AND APPROVAL BY THE ARCHITECT AND/OF HIS REPRESENTATIVE.

H. THE CONTRACTOR SHALL LAY DUT HIS VORK VITH THAT OF ALL OTHER TRADES AND BE RESONSIBLE FOR ALL MEASUREMENTS, HE SHALL MOTIEF AROUTECT AND/OR ENGINEER IF A CONDITION EXISTS WHICH PREVENTS VORK TO BE INSTALLED IN ACCORDANCE VITH THE DITHOT OF THESE DRAVINGS.

ALL WITSTAM SHALL BE NEW CALLESS NITED DISCUSSED IN THE BRANCHED AND SHALL BE OF FIRST DAM, ITY. THE CALLET'S THE CALLET'S AND UNIONED TORTHONE IN THE STAME OF THE CALLET'S AND UNIONED TORTHONE IN THE WORK OF WHICH EARL THE ACCEPTABLE TO THE CHARGE AND HIS DECISION AS TO ACCEPTABLE COUNTY IS FIRM. UNACCEPTABLE VORK SHALL BE REMOVED AND REPLACED AT THE CONTRINCIPES EMPRISE.

H. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT ALL SYSTEMS AND EQUIPMENT SUPPLIED SHALL BE COMPATIBLE VITH THE EXISTING BASE BUILDING SYSTEMS AND EQUIPMENT.

IN AREAS WHERE IT IS NECESSARY TO CUT FLODRS, WALLS AND CEILINGS, THIS CONTRACTOR SHALL DO ALL CUTTING AND REPLACEMENT. BEFORE ANY CUTTING DR PATCHING, CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE OWNER.

J. ALL FIXTURES AND EQUIPMENT SHALL BE CONNECTED AND MADE READY FOR USE UNLESS DTHERWISE NOTED.

K. PROVIDE FLUSH MOUNTED SUITABLE BACKBOX AT 48' AFF, TO CENTERLINE OF EACH THERMOSTAT.

CONTRACTOR SHALL FIELD VERIEY ALL MEASUREMENTS AND LOCATIONS OF EQUIPMENT AND PRIOR TO ANY JUCTIVIDES FABRICATION. CONTRACTOR SHALL SUBMIT FOR APPORAVAL, SHIP DRAVINGS ON ALL NEW VIDES AND EQUIPMENT PRIOR TO FABRICATION AND INSTALLATION, INCLUDING EQUIPMENT SPECS AND BOUCTURES INVOIDED SIGNATION PRIVILES.

PROPER MILINTINGS FOR ALL EQUIPMENT SHALL BE IN ACCIDIBANCE VITH THE MANUFACTURERS' RECOMMENDATIONS AND SHALL BE INSTALLED BY THIS CONTRACTOR. PROVIDE APPROVED TYPE VIRBATION NAMERING, MEDIA WHEREVER CALLED FOR BY THE MANUFACTURER SETVEME EQUIPMENT AND THE FLOOR OF ECLING. ISSUATIONS SHALL BE MASON INJUSTRIES OR APPROVED EQUIA AND/OR AS NOTED ON DETAILS. SEE VIRBATION ISSUATION SCHEDULE.

3. IT SMALL BE THE ESSENSIBILITY OF THE CONTRICTOR TO DEFAUL THE HEATING, VINITIATIDE AND AIR CREATINGNES SYSTEM.
SID AS TO THE COURT DEPOSITION OF VINITIATION OF STADE SHALL BE FROMSWITTED TO THE BUILDING STROTUNG OR
DICCIPIED AREAS. THE ESSISTING THE ENDINEER AS TO GUITNESS OF THE SYSTEM AND EQUIPMENT SHALL BE FINAL. IT
SHALL BE IT HAS CONTRICTORS REPOSIBILITY TO GENERIC OR REPLACE ANY MIDITS SYSTEMS OR ECOUNTED.

PHYSICAL BIMENSIONS AS VELL AS COOLING, HEATING CAPACITIES AND ELECTRICAL CHARACTERISTICS OF SUBMITTED UNITS SHALL MATCH THAT DE SPECIFIED GUIPMENT. MED-ANICAL CONTRACTOR IS RESPONSIBLE FOR ALL CUSTS DUE TO CHANGES RELATED TO SUBSTITUTED BUSINEMENT.

COORDINATE WITH ELECTRICAL CONTRACTOR TO INSURE N.E.C. REQUIRED CLEARANCES FROM DUCTWORK, PIPING, ETC ARE
MAINTAINED AROUND ELECTRICAL COUPMENT (PANEL BUARDS, SVITCHBUARDS, DISCONNECTS, ETC.)

COMPARTIE SHAL BETE TO THE ELECTRICAL MANANES FOR THE PROPRIE ELECTRICA CHARACTERISTICS FOR AL MITTERS.
MATRIER, AND ALL DIESE ELECTRICAL DEVICES LONGERED BY THE COMPARTIE. IT IS THE REPOSSIBILITY OF THE WIGHDIGAL
CONTRACTOR THE CURRENATE VITH THE ELECTRICAL CONTRACTOR FOR ALL REQUIRES ELECTRICAL CONNECTIONS AND CIRCUITS, ETC.
REQUIRED THE COMPANICAL EXUMPANT, MEATURS, CONTRACTOR FOR ALL REQUIRES ELECTRICAL CONNECTIONS AND CIRCUITS, ETC.

CONTRACTOR SHALL SUPPLY AND INSTALL ALL NECESSARY DUCT ACCESSORIES, SUCH AS VOLUME DAMPERS, FIRE DAMPERS, TURNING VANES, DUCT HARDWARE, DUCT ACCESS DIDORS, FLEXIBLE CONNECTIONS, AND CEILING ACCESS DIDORS, THE DUCTVOIRS SHALL CONNECTIONS AND CEILING ACCESS DIDORS, THE DUCTVOIRS SHALL CONNECTIONS AND CEILING ACCESS DIDORS, THE DUCTVOIRS SHALL CONNECTIONS AND CEILING ACCESSORIES VITA OTHER VIDEX.

PROJUCT FLUHE, DUIT COMECTION HERVIS HERVIS HUTTONS CONNECTIONS TO VIBRATION ISSULATE EQUIPMENT CONSTRUCT FLUHEL COMECTIONS OF MEDICAL CONTROL FAMILY CONNECTIONS TO VIBRATION INTO BUT THANKES THE ATTACAMENT TO BUST EQUIPMENT HANCE ARTISTY JUINT, PROVINCE AMEDIANE CONTROL EXISTING THE CONNECTION CONVENTION AND ALSO CAPAGE OF ASSOCIATION (UNRITHON OF CONNECTED COUNTROL, AND ALSO CAPAGE OF ASSOCIATION (UNRITHON OF CONNECTED COUNTROL, AND ALSO CAPAGE OF ASSOCIATION (UNRITHON OF CONNECTED COUNTROL, AND ALSO CAPAGE OF ASSOCIATION (UNRITHON OF CONNECTED COUNTROL, AND ALSO CAPAGE OF ASSOCIATION (UNRITHON OF CONNECTED COUNTROL, AND ALSO CAPAGE OF ASSOCIATION (UNRITHON OF CONNECTED COUNTROL, AND ALSO CAPAGE.)

9. RECTANGLAR DICTIVIRK ALL DUCTURK SHALL CONTIRM TO THE RECOMPRIBE CONSTRUCTION FOR LOW AND MEDIUM PRESSURE DICTIVIAN AS APPROVED BY THE SECTIONAL AND ARE CONSTITUTION CONTINUED. ASSOCIATION. SEAL CLASS VERBER CONTINUED. ASSOCIATION. SEAL CLASS VERBER CONTINUED. ASSOCIATION. SEAL CLASS VERBER CONTINUED. ASSOCIATION SEAL OF CONTINUED. ASSOCIATION SEAL OF CONTINUED. ASSOCIATION SEAL CLASS VERBER CONTI

10. FLEXIBLE DUCT: SHALL BE SUPPLIED AND INSTALLED FOR CONNECTIONS RETVEEN LOV PRESSURE MAIN ARE SUPPLY DUCTS AND CELLING DIPTURES AND LINEAR BIFFUSCAS. FLEXIBLE DUCT TO BE SMOOTH INTERIOR VITH NO SPIRAL STAN FOR LOV PRESSURE BODY DUCT SHALL MEET NYM JOHN AND SHA WILL LEVEL LOSS LATE DUCT AND SHALL UTION THEPERATURES FOR DISCOVERY FOR DECREES FAM PRESSURE OF A VIG. VITHOUT LEARNEL DUCT SHALL BE CONNECX WITH IT INSULATION AND VAMOR SMORTEX TIPE MAY CAN APPRICE DOM:

11 FLEXIBLE BUCT: PROVIDE INSULATED UL. LISTED CLASS 1 BUCT COMPLYING WITH NFPA 90A, FLEX MASTER, THERMAFLEX, WIRE HOLD OR CLEVAFLEX.

12. AIR DEVICES

A. PROVIDE TITUS AIR DEVICES AS INDICATED ON PLANS AND SOMEDLED EQUAL TO THE FOLLOWING TITUS MODEL NUMBERS
THE HES WHITE FINISH AND DISSTRIPTIONS SHALL BE CONSIDERED OR PERMITTER.

S. SUPPORT ALL AIR EXPLICES INDICATEDION TO GETLING REGIO SYSTEM.

D. AUSST ALL PATTERS CONFECLES OR INSTALL BLOY CLIPS TO PROVIDE DISCHARGE PATTER INDICATED.

PROVIDE AIR PROVIDES AS FOLLOWS.

TITUS MODEL

E GOLATE CHAN PARMET REGISTER VORK VITH GLASS FIRST P SORR.

15 COLATE CHAN PARMET REGISTER VORK VITH GLASS FIRST P SORR.

16 COLATE CHAN PARMET REGISTER VORK VITH GLASS FIRST P SORRER FACING AN 25 THE PARMET PAR

15. DUCTWORK EXPOSED ON ROOF SHALL BE ALUMINUM CONSTRUCTION W/ WATER PROOF SEAMS & JOINTS.

IA PROVIDE AUTOMATIC TEMPERATURE CONTROL SYSTEMS TO AFFECT COMPLETE, DEPARTING SYSTEMS, PROGRAMMABLE THERMISTAT, HOURT MEST THERMISTATS AT GRY AFF, MYF LOCATIONS WITH ARCHITECT PRIGHT TO INSTALLATION. THERMISTATS LOCATED IN ACCESSIBLE UNITS SMALL BE LOCATED AT MAX ARE AFF RM SMELT 123.08. DEPARTMENT LEVES SET TO INSTRUMENTIATION CONTROLS HAVE A 5 EXERTE F CADBAND HATTING 1, 2 AND 3 STACES. COOLING 1 AND 2 STACES. HEAT PUMP WITH AUXILIAN AND DETERMINENT HAT.

19. PROVIDE AUTOL/ GRAVITY DAMPERS INSTALL ON ALL INTAKES/ EXHAUSTS.

20. PROVIDE 18 GAUGE GALVANIZED SHEET METAL SLEEVES FOR ALL PIPE AND BUCT PENETRATIONS THROUGH CONCRETE FLOORS AND MASDINRY WALLS, PACK VOID SPACE WITH FIRE PROOF INSULATION AND /OR NOTED IN DETAILS.

21. OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR THE WORK.

22. PERFORM THE VORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL & NATIONAL CODES.

23. DUCTVORK DIMENSION SHOWN ON DRAWINGS ARE SHEETMETAL DIMENSIONS. NET FREE AREA SHALL BE SHEETMETAL DIMENSIONS LESS THE LINEAR THICKNESS ON LINED DUCTVORK.

24. BALANCE DAMPERS: SHALL BE INSTALLED WHERE INDICATED AND/OR REQUIRED FOR PROPER BALANCING OF SYSTEM.

25. INSTALL ALL DUCTYDRK ABOVE CEILING AND HOLD TIGHT TO UNDERSIDE OF STRUCTURE ABOVE UNLESS OTHERWISE INDICATED. SPIRAL DUCT SHALL BE INSTALLED WITH CONCENTRIC.

26. ALL RETURN AIR DUCT OPENINGS ABOVE CEILING SHALL BE COVERED WITH 1/2" MESH SCREEN.

27. CHANGES TO DUCT DUE TO FIELD CONDITIONS SHALL BE MADE ONLY IF THE DUCT SIZE FREE AREA IS MAINTAINED AND SHALL BE SUBHITTED TO ENGINEER FOR APPROVAL.

28. ELEXIBLE CONNECTORS:

PROVIDE FLEXIBLE CONNECTORS AT THE INJECT AND DITLET CONNECTION FOR EASY FAM AND AIR HANDLING UNIT. EACH FLEXIBLE CONNECTORS SHALL ALLOW FOR FREE WORKNEYN AND SHALL BE COMPRETED. HAR TISHT. PROVIDE ROPHENE COUNTY GLASS FARRIC MATERIAL, HANDAM 30 DL. PER SQUARE YARD.

CONTROLLED SHALL BARKE DUTTUME ON SHOURIED AND ALL FLEXIBLE CONNECTIONS TO RESURE THAT DUCTUMER IS KEPT IN.

29. TURNING VANES: PROVIDE SINGLE THICKNESS TURNING VANES OF GALVANIZED STEEL IN ALL MITERED ELBOVS 30° OR GREATER 30. LEAKAGE:

LEMANGE.

ALL DUCT JOINTS SHALL BE SEALED VITH HARD CAST 601 SPIRAL BUCTVORK JOINTS AND FITTINGS SHALL BE SEALED VITH UNITED MODILL SHALES. SHALL BE SEALED VITH UNITED MODILL SHALES. SHALL BE USEN TO SEALED VITH UNITED MODILL SHALES. SHALL BE USEN TO SEALED VITH UNITED MODILL SHALE VISITED IN CHARGE SHALL BE LESS THAN DR COUNT. TO 8 CPH PER 100 SQUARE FEET OF CONTINUED LIDER AND AND INSTEAD AT SHALL BE LESS THAN DR COUNT. TO 8 CPH PER 100 SQUARE FEET OF CONDITIONED LIDER AND AND INSTEAD AT SHALL SHAND SHALL BE SHALL BE LESS THAN DR COUNT. TO SQUARE FEET OF CONDITIONED LIDER AND AND INSTEAD AT SHALL SHAND SHALL BE SHA

CONDITIONED FLOOR AREA WHEN TESTED AT 25PA DIFFERENTIAL PRESSURE.

C. PERFORM ALL TESTING AFTER THE SEALS HAVE CURED COMPLETELY AND BEFORE COVERING WITH INSULATION OR CONCEALING.

IN MASONRY.

B. AIR HANDLERS SHALL HAVE A MANUFACTURER'S DESIGNATION FOR AIR LEAKAGE OF NO MORE THAN 2 PERCENT OF THE DESIGN AIR FLOW RATE WHEN TESTED IN ACCORDANCE WITH ASHREE 193.

31. SCOPE:

JO SOUTH AND THE PROPERTY CONTRACTOR WITH NEBS OR ARIS CERTIFICATION SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES AND REPURBA ALL OPERATIONS COLDINGS THE COPPLETE BRANCHION OF THE ARE SYSTEMS AND RELATED WORK AS DISCRATED WHITE AND AREA OF THE PROPERTY INSTALLABLE AND IS 100% OPERATIONAL, ALL THE PRESTRUCE CONTROLS ARE INSTALLED AND CALIBRATED AND ALL SYSTEMS ARE CLEANED. IT IS THE PRESTRUCE CONTROLS ARE INSTALLED AND CALIBRATED AND ALL SYSTEMS ARE CLEANED. IT IS THE PRINT OF THIS SPECIFICATION TO RESIDENT AND ALL SYSTEMS CONTROLS ARE CLEANED. THE PROPERTY OF THE PROPERTY

32. QUALITY ASSURANCE: SUBMIT TO DIVINER THREE (3) COPIES OF BALANCING AND TESTING RECORDS OF TESTS SPECIFIED HEREIN SHOWING THE AIR DISTRIBUTION SYSTEMS HAVE BEEN BALANCED AND ARE DELIVERING SPECIFIED QUANTITIES.

33. EACH PIECE OF EQUIPMENT SHALL BE IDENTIFIED AS TO LOCATION, SERVICE, MANUFACTURER AND MODEL NUMBER. THIS INFORMATION SHALL BE RECORDED AND INCLUDED IN THE FINAL BALANCE REPORT.

34. AFTER ADJUSTMENTS ARE COMPLETE, THE AIR CONDITIONING, HEATING, AND VENTILATING SYSTEMS SHALL BE TESTED, AND THE FOLLOWING INFORMATION RECORDED AND INCLUDED IN THE FINAL BALANCE REPORT: VOLUME/ MOTORIZED DAMPER INSTALLED IN DA. BUCT

A AIR DEVICES.

(D EACH AIR DEVICE SHALL BE IDENTIFIED AS TO LOCATION AND SERVICE.
(2) SIZE, TYPE AND MANUFACTURER OF AIR DEVICES LISTED.

(3) REQUIRED OFM AND TEST RESULTANT OFM EACH AIR DEVICE.

33. AFTER THE SYSTEMS HAVE BEEN BALANCED AND ALL ADJUSTMENTS COMPLETED, RUN A SIX HOUR TEST ON BOTH HEATING AND CIDENAS CYPECT BOTERWINE, IT SYSTEMS IS RESPONDING TO TEMPERATURE CONTROLS HERROSTAT SETTING, THEORYSTAT LOWERSHORE READING, AND AN INDEPENDENT LEVERANCE MEASUREMENT AT THE HERROSTATE SHALL BE RECORDED AT ZEACH.

36. BUILDING CAVITIES SHALL NOT USED AS DUCTS OR PLENUMS.

37. DUCT LINING SHALL BE 1° THICK SEMI-RIGID, COATED, GLASS FIBER BONDED BOARD, 3 LB. DENSITY. WHERE DUCTVORK ACQUISTICALLY LINED, ADDITIONAL INSULATION IS NOT REQUIRED ON THE EXTERIOR SURFACE CERTAINTEED UL TRALITE DUCT

38. DBTAIN ALL PERMITS AND UPON COMPLETION OF VORK, PRESENT THE DWNER WITH A CERTIFICATE OF FINAL INSPECTION FROM LOCAL AUTHORITY.

LICEA, ANT-RETY.

SPERFEGENARY PEPPIG SIALL BE INSILATED VITH IF FUNCED PLASTIC OF CLUSED CELL STRUCTURE, N° VALUE OF C 0.27 MAXIMUM AT 75 F, MAXIMUM WATER VARIET BEAMS, DISTOR BATTAGE OF GRO PEPPIG APPLY VITH EDGES TIDITLY BUTTER SEAL JURIS VITH AT 75 F, MAXIMUM WATER VARIET AT HAVE BEAMS AT WATER AT THE BEAMS TO THE SEAL SHOULD SEAL STRUCTURE SEAL SHOULD SHOULD SHOULD SEAL SHOULD SHOULD SHOULD SEAL SHOULD SHOULD

SPLIT SYSTEM GAS FIRED AC UNIT-1&2

INDOOR UNIT(AHU-18:2)TRANE VERTICAL FURNACE MUDEL TUHEBOSOA9V3*
AIR LEAKAGE SHALL BE 2X DR LESS , 800 CFM & 0.5* E.S.P., HEATING CAPACIT'
39/60 MBH GAS INPUT. 37.444/57.6 MBH GAS QUTPUT. DX-C: TRANE CASED COIL MODEL "4TXCB004DS3" 25,000 BTUH TOTAL AND 20,800 BTUH STORIBLE COOLING CAPACITY 8 95°F AMBIENT TEMPERATURE & ART STANDARDS.

ELECTRIC CHARACTERISTICS: 1- FAN MOTOR 1/50 HP 2- 115 VOLTS, 1 PHASE 3- NCA 9.2 4- MOCA 15

DUTDOOR UNIT (ACCU-182)-2 STAGE COMPRESSOR
TRANE MODEL "4TTR7024A1"TO HAVE NOMINAL CAPACITY OF 25,000 BTUH VI
40" SST MIN SEER 17.5 PROVIDE LOW AMBIENT CONTROL DOWN TO 0"F ELECTRIC CHARACTERISTICS

OR APPROVED EQUAL

LECTRIC CHARACTERISTICS:

1- COMPRESSOR 1 9 11.7 RLA/ 58.3 LRA

2- FAN 1 8 1/9 HP

3- 240 VOLTS, 1 PHASE

4- NCA 15

5- NOCP 25

2 Long screw

TURNING







GAS VENT &-COMBUSTION AIR

TURNING

CHH.

1400

DV COU

AHII

FILTER



SYMBOL LIST

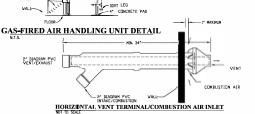
DUCT INCLINED RISE IN DIRECTION OF FLOW { | | | | | DUCT INCLINED DROP IN DIRECTION OF FLOW LOUMERED DOOR INDICATES ROUND DUCT DIA. (INCHES)

DUCT UNDER POSITIVE PRESSURE

1" SOUND LINED DUCT — SHEET METAL DIMENSION SHOWN THERMOSTAT 12X12-SL SWITCH DESIGNATION FOR AIR HANDLING UNIT APARTMENT # ACCU-11 DESIGNATION FOR AIR COOLED CONDENSING UNIT -APARTMENT #

FLOOR DRAIN CEILING REGISTER TOP REGISTER
BOTTOM OF DUCT ELEVATION
BOTTOM OF EQUIPMENT ELEVATION

- GAS LINE — CONDENSATE DRAIN, ROUTE TO FLOOR DRAIN (SEE PLAN FOR SIZES) MANUFACTURER'S STANDARD COIL CABINET PLUG VALVE ↓ UNION



BUILDING THERMAL ENVELOPE

DULLSTAND THE MALES WE THE SALES OF THE STORM OF THE STOR

DURING TESTING

DUPLING TESTING:

C STEERS VANUE AND SODE, FIRENACE AND STOVE BORES SHALL BE CLOSED, BUT HOST SEALED, RETORD THE PROTOCOL WASHINGTON, BUT AND SEALE BE CLOSED, BUT HOST SEALED BE COMED TO THE CONTROL WASHINGTON, BUT AND SEALE BE CLOSED, BUT HOST SEALED RETORD THE CONTROL WASHINGTON, BUT AND SEALED BE CONTROL WASHINGTON, BUT AND SEALE BE CONTROL WASHINGTON, BUT AND SEALED B

DRAWING TITLE

PROPOSED MECHANICAL NOTES

LOCATION

1142 44TH PL SE WASHINGTON DC 20019

DESIGN BY

JUAN O. TORRES-DOUGLAS PLAT INFORMATION SQUARE

0841

SEAL





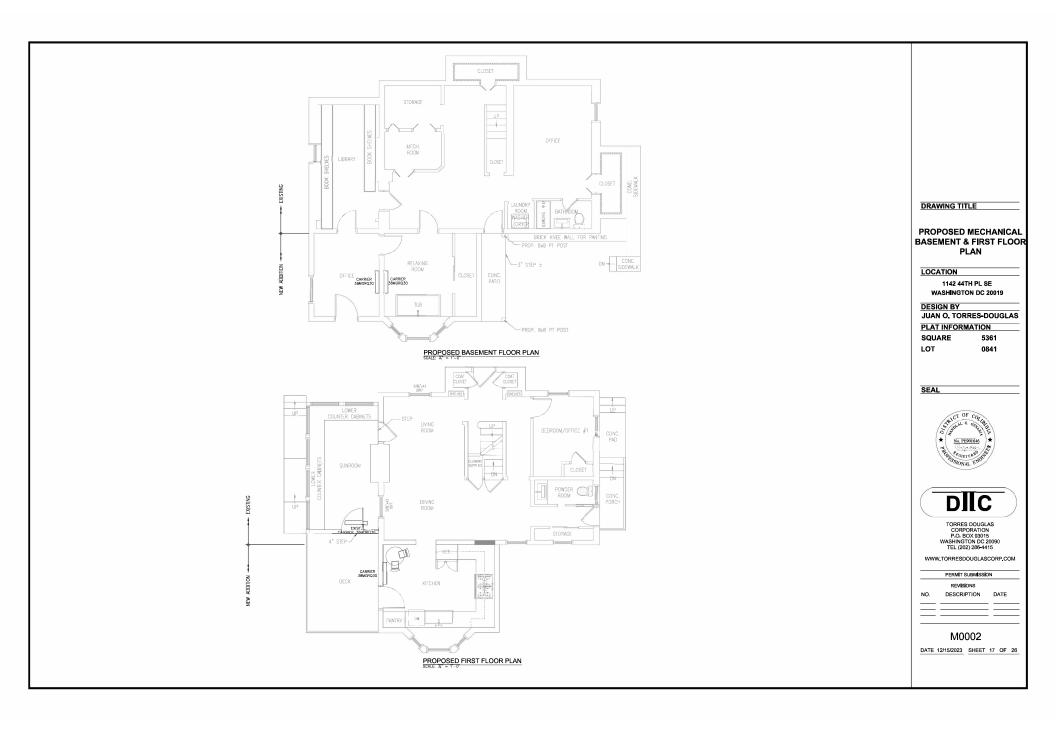
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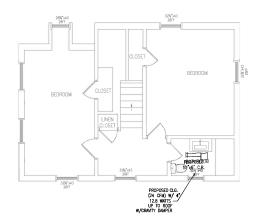
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M0001

DATE 12/15/2023 SHEET 16 OF 26







DRAWING TITLE

PROPOSED MECHANICAL SECOND & FLOOR PLAN

LOCATION

1142 44TH PL SE WASHINGTON DC 20019

DESIGN BY

JUAN O. TORRES-DOUGLAS

PLAT INFORMATION

SQUARE 5361 LOT 0841

SEAL



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NO.

- DECORATION DAT

M0003

DATE 12/15/2023 SHEET 18 OF 26

- PLIMBING

 1. ALL YORK SHALL BE PERFERNED IN ACCIDENACE VITH THE
 SEGLATIONS. WHERE MY PERTIDA OF THE SYSTEM SHOWN
 IS NOT IN ACCIDENACE VITH ALL APPLICABLE LAWS,
 DEBINANCES, REQULATIONS OF CORES, THIS CONTINUENCES
 AUTHORITIES IN A MANNER APPROVED BY THE ENGINEER AND
 ALL READITION, COST THE DEBINATION ALL NECESSARY
 ANY RECORDED FEES FOR IT. HE OWNER HALL NECESSARY
 ANY RECORDEDATION.

 3. ALL EXPINENT AND CERTIFICATES OF APPROVAL AND PAY
 AY RECORDEDATION.

 4. AL EXPINENT AND MINISTRALS SHALL BE NEXTHALLED IN
 SECOMERATION.

 5. EXPINENT AND MINISTRALS SHALL BE NEXTHALLED IN
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 6. ALL EXPINENT AND MINISTRALS SHALL BE NEXTHALLED IN
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. ALL PIPING CONNECTIONS TO EQUIPMENT SHALL BE MADE WITH LINES PHYSING CONNECTIONS TO COUPPENT SMALL BE MADE VITH REGROUND SIMPLY DOWNLOAD STATE THE RECEIVE OF STATE THEM THE SPECIAL OF STATE THE SPECIAL STATE OF SPECIAL SMALL BE AND THE STATE AS RECOMMENDED IN MESSES—69.

PRACTICE, SCLIEN TO IT THE STATE OF STATE OF BE MENUS. THE PROPERTY OF THE STATE OF THE

PIPING SPECIALTIES

PRIVATE PACTORY FARRICATED PIPMS SPECIALTIES OF TYPES RECOMENDED BY MANAPACTURERS FOR SERVICES INDICATED. PROVIDE EXOLUTIONED PARTS WHEREVER PIPES REST HEADON WALLS, FLUORS OR CELLINIS, DUTSIDE DIMETER TO COVER COMMETTER PROCEDURED PACTOR PROCEDURE FOR PROPRISE SERVE, NICOLE CONCELLED AND PACTOR PACTOR PACTOR PROCEDED PACES, PROPE PAGTOR FOR THE PAG

L PROVIDE INSULATION FOR PIPING, AND EDUPMENT OF TYPES AND THIDDRESS SPECTER HEREN, INQUIATION SMALL HAVE A AND THIDDRESS SPECTER HEREN, INQUIATION SMALL HAVE A EDIVELIPER ARTHON HER PERSONNESS. INSTALL INSULATION IN STREET CONFERENCE WITH THE MANIFACTURES'S RECOMMENDATION AS CONTINUED AND ARTHON HER PIPING AND COLD ARE EXCHANGED, DAYS, CHARLES ON A CONTINUED IN ALL CULT WHITE PIPING AND COLD ARE EXCHANGED, DAYS, CORNING ON JUNES CONTINUED AND ASSOCIATION OF THE PIPING AND COLD ARE DECISION.

INSULATION SHALL BE ANNA INCHAIN CERTIFICATION OF UNITAL PARAMAVILLE.

INSULATION FOR HOT WATER PIPE WITH A MINIMUM THERMAL
RESISTANCE (R-VALUE) OF R-3 SHALL BE APPLIED TO THE

RESISTANCE CR-VALUE OF P-S SMALL BE APPLIED TO THE FILLIATION CREET TIME 37 MEN LINEAR SERVICE REPORT OF THE WATER HATER OF A BISRIBUTION MANIFOLD. SPIPME LOCATED MAKER AFLORE OF THE SERVICE REPORT OF THE SERVICE REPORT

R403.4.2.
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 VERTHER SHALL BE PROTECTED FROM DAMAGE, INCLUDING THAT DUE TO SUNLIGHT, MUISTURE, EQUIPMENT MAINTENANCE AND WIND, AND SHALL PROVIDE SHIELDING FROM SOLAR

INSTALL PIPE TUBE AND FITTINGS IN ACCORDANCE WITH
NUMBER'S PRACTICE WHICH WILL ANHERY PROMNERTY
LARAPREMY PIPEN STRIKE, CHARLE OF PROMNERTY
LARAPREMY PIPEN STRIKE, CHARLE OF PROFING FACH
LEARAGE, REPAIR PIPENS STRIKEN SECTION, WHICH FAIL, TEST
TO THE CHIEFT ROUBED TO UVERCOME LEARAGE, UNGER NO
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TO THE CHIEFT ROUBED TO UVERCOME LEARAGE LEARAGE
ALL SANTHARY PIPPIN SHALL BE SLOPED AS NOTED IN PLANS
2. ALL SANTHARY PIPPIN SHALL BE SLOPED AS NOTED BY CODE.
3. ALL PIPMIN SHAUN ON THE FLODE PLANS SHALL BE LECATED
3. THE CHARLES OF THE PIPMIN SHAUND BY CODE AND THE TOP THE PLANS SHALL BE LECATED
3. ALL PIPMIN SHAUN ON THE FLODE PLANS SHALL BE LECATED
3. ALL PIPMIN SHAUN ON THE FLODE PLANS SHALL BE LECATED
4. THE CHARLES OF THE PRANS SHALL BE RESTORED BY CODE.

NOTED.

4. STORM, WASTE AND VENT PIPING SHALL BE SERVICE WEIGHT NOTHUB CAST IRON PIPE AND FITTINGS CISPI 301, HUB & SPIGOT NO-HUB CAST IRRN PIPE AND FITTINGS CISPI 301, HUB & SPEGOT SOIL PIPE AND FITTINGS ASTIM A-74, GALVANIZED STELL PIPE WITH BRAINAGE PATTERN SCREWED GALVANIZED CAST IRRN FITTINGS ANSIXATIM A-74 DB DVO CEPPER VITH VEROUGHT COPPLEF FITTINGS, ASTIM BOBG. DI SCHEDLLE 40 PVC DEPER VITH VEROUGHT COPPLEF FITTINGS, ASTIM BOBG. DI SCHEDLLE 40 PVC WHAT PIPM SHALL BE TYPE ("HARD-DRAWN TEMPER, VROLGHT CHER PIPM SHALL BE TYPE ("HARD-DRAWN TEMPER, VROLGHT CHER FITTINGS, MON-LEAD SOLDERED JOINTS WITH NOW-CRESSIVE FLUX, AND 3-68.

A.	EXPOSED CONCRETE	FI DDR: 7-1400-HR		
B.	KITCHEN FLOORS	ZN-1400		
Ĉ.	TILE FLOORS:	ZN-1400-X		
Ď.	CARPETED FLOORS:	ZN-1400-CM		
Ē.	FINISHED FLOORS:	ZN-1400		
Ē.	FINISHED WALLS:	Z-1445-1468	ACCESS.	COVER
AND	PLUG.			
G.	EXPOSED PIPING	Z-1445		
H.	EXTERIOR (CONCRETE	> Z-1449		

7. LOCATE CLEANDUTS IN ACCESSIBLE LOCATIONS WHEREVER POSSIBLE, ABOVE SUPPRINCED CELLINISS ETC. IF LOCATED ABOVE OR BEHIND BYWALL CELLINGS, PROVIDE STEEL ACCESS PANCLS DIRECTLY IN FRONT OF YALVES. PROVIDE CHRONE PLANED BRASS COVER PLATES FOR CLEANDUTS LOCATED WITHIN DRYMAL PARTITIONS, LOCATIONS MUST SE CORRINATED AND APPRIVED BY ACCOUNTED TO INSTALLATION OF PIPPING SYSTEM.

INSTITUTES.

IF TITUTES.

IF TI

DIRENTS: DR VIEWER FIXTURE IS PROVIDED IN A MANUFACIUME,
FINSEL

FINSE PLATED METAL.

9. ESCUTCHEONS: PROVIDE DEEP PATTERN ESCUTCHEONS FOR SUPPLIES AND TRAPS WHERE ROUGH-IN PIPING WOULD BE VISIBLE USING STANDARD ESCUTCHEONS.

	PLI	JMBING FIX	TURE CC	NNECTION	4 SCHEDU	LE
TAG	DESCRIPTION	W	V	CW	HW	REMARKS
WC	WATER CLOSET	3"	1/2"	1/2"	½"	FLUSH TANK
L	LAVATORY	1½*	1½"	½"	½"	-
T	BATHTUB	1½"	1/2"	½"	½"	-
SH	SHOWER	2"	1½"	1/2"	1/2"	-
SK	SINK	135*	-	½"	½"	-
w	WASHER	2" S.P.	11/2"	½"	½"	-

INSULATION FOR HOT WATER PIPE WITH A MINIMUM THERMAL RESISTANCE

PLUMBING LEGEND (00)

WC

SH

SK

L W

FLOOR / ACCESSIBLE CLEANOUTS HOT/COLD WATER SERVICE

SANITARY PIPING ABOVE GRADE COLD WATER PIPING ----- HOT WATER PIPING GAS PIPING

COLD WATER

SHOWER

WASHER

SINK

- (R-VALUE) OR R-3 SHALL BE APPLIED TO THE FOLLOWING:

- (K-VACUE) OR K-S SPACE DE APPLIED TO THE POLICIONING:

 1. PIPMS LAGGET THAN 3'' IN NOMINAL DIAMETER

 2. PIPMS SERVING MORE THAN ONE DOWELING UNT.

 3. PIPMS FROM THE WATER HAZER TO KITCHEN OUTLETS

 4. PIPMS LOCATED OUTSIDE THE CONDITIONED SPACE

 5. PIPMS FROM THE WATER HAZER TO A DISTRIBUTION MANIFOLD.
- PIPING LOCATED UNDER A FLOOR SLAB.
 BURIED PIPING.
 SUPPLY AND RETURN PIPING IN RECIRCULATION SYSTEMS OTHERS.

SOPPEL HAID RELIGION PIPING IN RECIRCUODITION STSTEMS OTHERS
 THAN DEMAND RECIRCULATION SYSTEMS.
 PIPING WITH RUN LENGTHS GREATER THAN THE MAXIMUM RUN LENGTHS
 FOR THE NOMINAL PIPE DIAMETER GIVEN ON TABLE R403.4.2

DRAWING TITLE

PROPOSED PLUMBING NOTES

LOCATION

1142 44TH PL SE WASHINGTON DC 20019

DESIGN BY

JUAN O. TORRES-DOUGLAS PLAT INFORMATION

> 5361 0841

SQUARE

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P0001

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P2208.3 SHOWER CONTROL WILVES. NOMIDUAL SHOWER AND TUB/SHOWER COMBINATION VALVES SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSORE—BALANCE, THERMOSTATIC—MINION OR COMBINATION FROM THE PROSTATIC—MINION OR SHIP A HIGH UNIT STOP IN ACCORDANCE WITH A SEC 1018 ASSE A 1 12 18.1/CSA B125.1. THE HIGH LIMIT STOP SHALL BE SET TO LIMIT THE WIRER TEMPERATURE TO NOT CREATER HAN 120°F.

(49°C). IN-LINE THERMOSTATIC VALVES SHALL NOT BE USED FOR COMPLIANCE WITH THIS SECTIO 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 120F (49°C) BY A WATER-TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070 OR CSA B125.3, EXCEPT WHERE SUCH PROTECTION IS OTHERWISE PROFIDED BY A COMBINATION TUB/SHOWER VALVE IN ACCORDANCE WITH SECTION P2708.3.

DISNECTION OF POTABLE WATER SYSTEM GENERAL, NEV OF REPARKED POTABLE WATER SYSTEMS SHALL BE FRANCED OF POTABLE WATER SYSTEMS SHALL BE THAT PRESCRIED BY PERROR TO UTILIZATION THE METHOD TO BE FILLIANDED SHALL BE THAT PRESCRIED BY PERROR TO WATER SHALL BE THAT PRESCRIED BY THE RESCRIED HETHER HEAVEN BE AND ARREST THE STATE OF A PRESCRIED HETHER HEAVEN BE AND ARREST THAT SECURING HE SECONDED IN THAT SECURING HE SECONDED IN THAT SECURING HE SECONDED IN THAT SECURING HE AREA WATER SHALL BET LUSSED WITH CLEAN, POTABLE WATER SHALL BET LUSSED WHAT SHALL BET LUSSED WATER SHALL BET LUSSED WHAT DISTRICT SHALL BET LUSSED WITH CLEAN POTABLE FIRM SHALL BET LUSSED WITH CLEAN POTABLE WATER WATER LUSSED WITH CLEAN POTABLE FIRM THE SYSTEM WATER SHOWN IN A SECRETARING WATER WATER WATER LUSSED WITH CLEAN POTABLE WATER WATER LUSSED WITH CLEAN POTABLE FIRM THE SYSTEM WATER SHOWN IN A SECRETARING WATER WATER WATER WATER LUSSED WITH CLEAN POTABLE PROMISE PROSTED WATER W

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