

SOM CONSESSAVION SESSANCE U.S. DEPARTMENT OF AGRICULTURE

Hole: The moximum drainege area he this practice is 2 acres.

A inspection and required maintenance shall be provided offer each name.

5. Stabilization with seed and mulch or as specified of the area defeatured by the desc and swale and be completed within 7 days upon managed by the desc and swale and be completed within 7 days upon managed by the desc and swale and the completed within 7 days upon a complete and the complete 5. Fill shall be compacted by earth moving equipment.

t. The swole shall be excepcied or toped to line, grade, and conser-section as required to mand the critical in the standard. J. Runolf diverted from an undisturted area shall puttet into as undisturbed stebiased area of a non-erosine velocity.

(HOT TO SCALE)

WAY MALE

- HEAD AGENT

PROPERTY OF THE PERSON

TICE/DIANA'S

2. Runoit diversed from a disturbed ones short be conveyed to c seatment tropping device. Construction specifications EARTH DIKE DETAIL

STEEL STREET TOR U TYPE OR 2" CONSTRUCTION NOTES FOR EARENCATED SUT FENCE. SCALE) STABILIZED CONSTRUCTION ENTRANCE

DEVETOR IN THE SET PENCE.

AND INTERNAL RELIGIONED WHEN "BULCES"

DOWNERS OF THE BE MUSICIONED VS 16200

BY SK WCHEZ AND FOLDED. EACH OTHER THEY SHALL BE OVER-LAPPED A WHIN THO SECTIONS OF FILTER CLOTH AGLOSS

24. AT TOP AND MED SECTION.

2. PETER CLOTH TO SE EASTERN SECURELY TO

AFTER COMPLETION OF PROJECT FOR FINAL INSPECTION.

24 HOURS BEFORE START OF CR ADING ACTIVITY AND WITHIN TWO WEEKS

PERMITTEE/CONTRACTOR IS REQUIRED TO CONSTRUCT DESIGN FEATURE THIS APPROVAL IS FOR GRADING AND SEDIMENT CONTROL ONLY.

SHOWN HEREON. HE SHALL NOTIFY THIS OFFICE AT (202)637-4360 AT LE

PREVERIONED UNIT: CEOTAR, ENVIRONEDICE, OR APPROVED

HONOR IMMEE 14 1/2 GYGE 6, NYX

FILTER CLOTH. FILTER X, MIRKET 100X STABILMAN. TAKIN OR APPROVED COUAL



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RAVING, HERICIGRACK OR HALCAL ETC.

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SEDIMENT CONTROL NOTES

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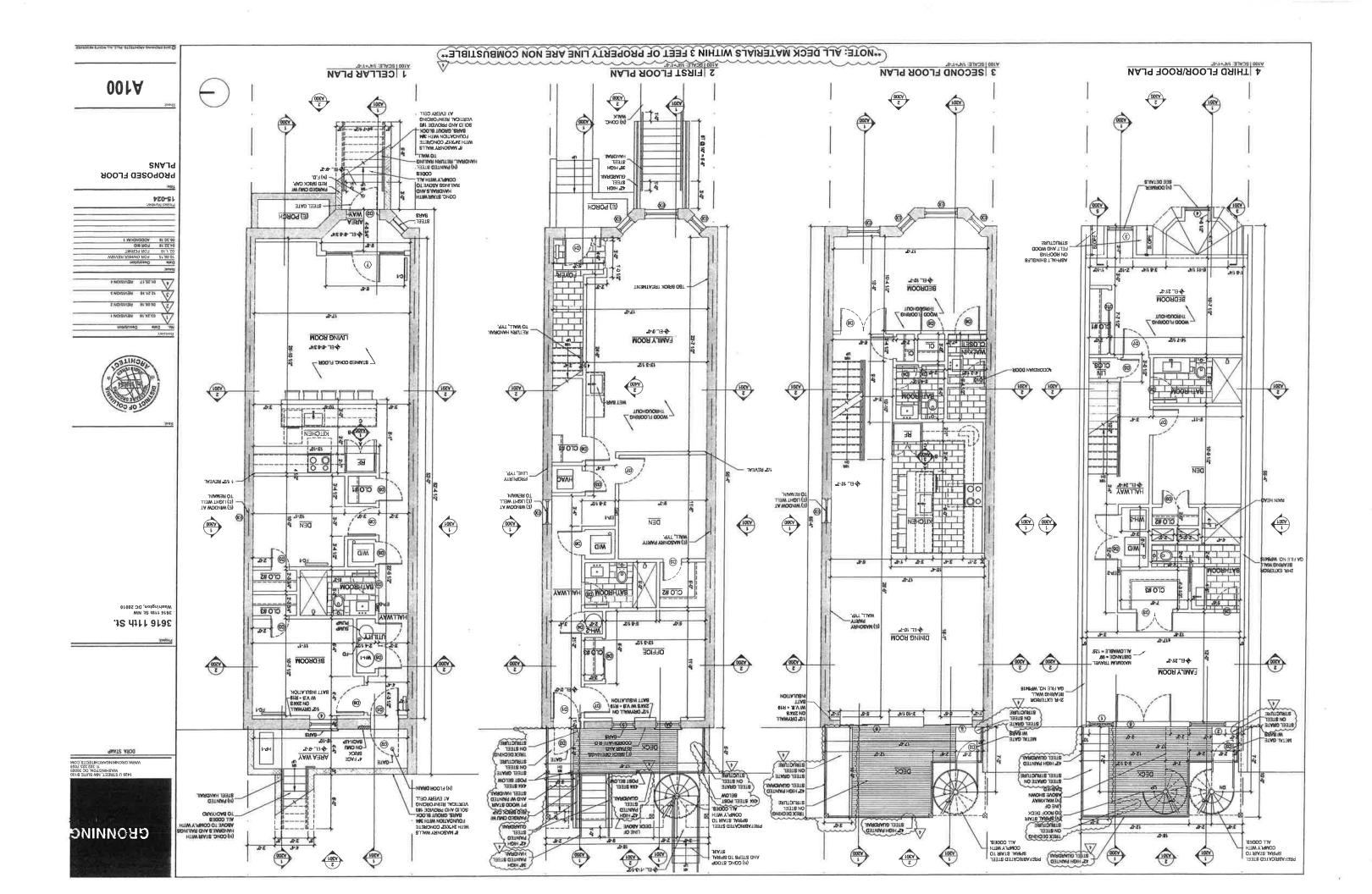
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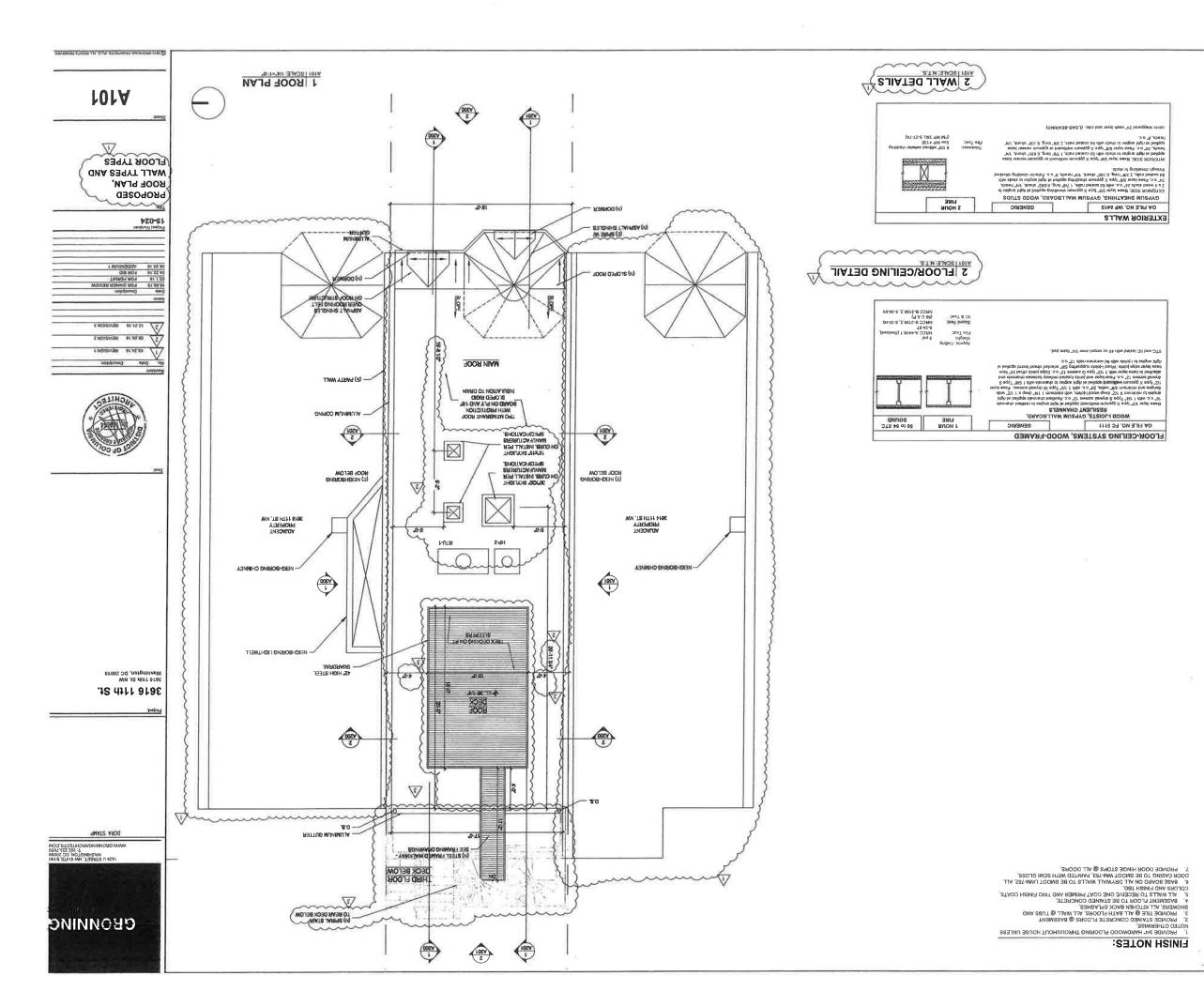
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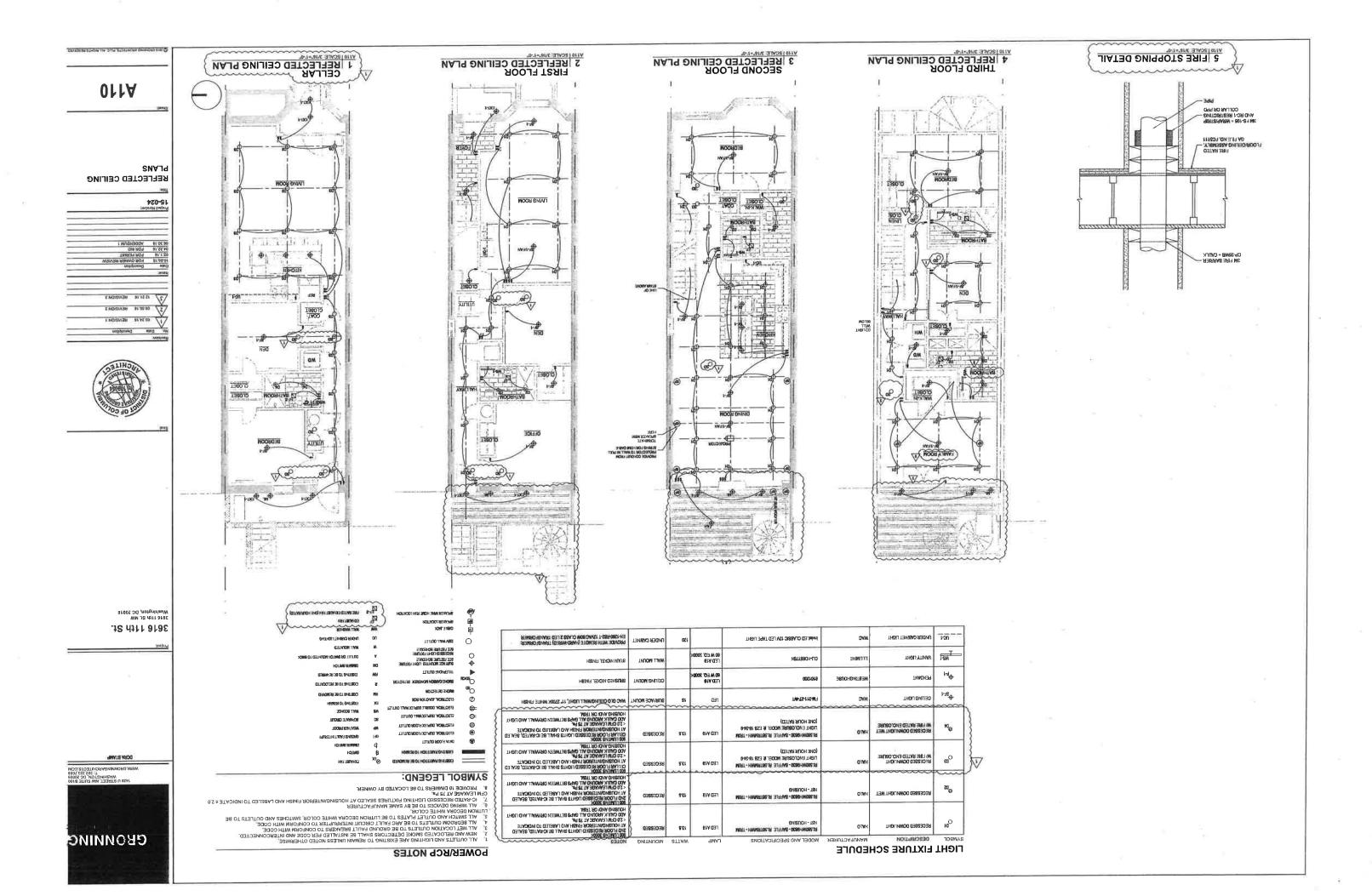
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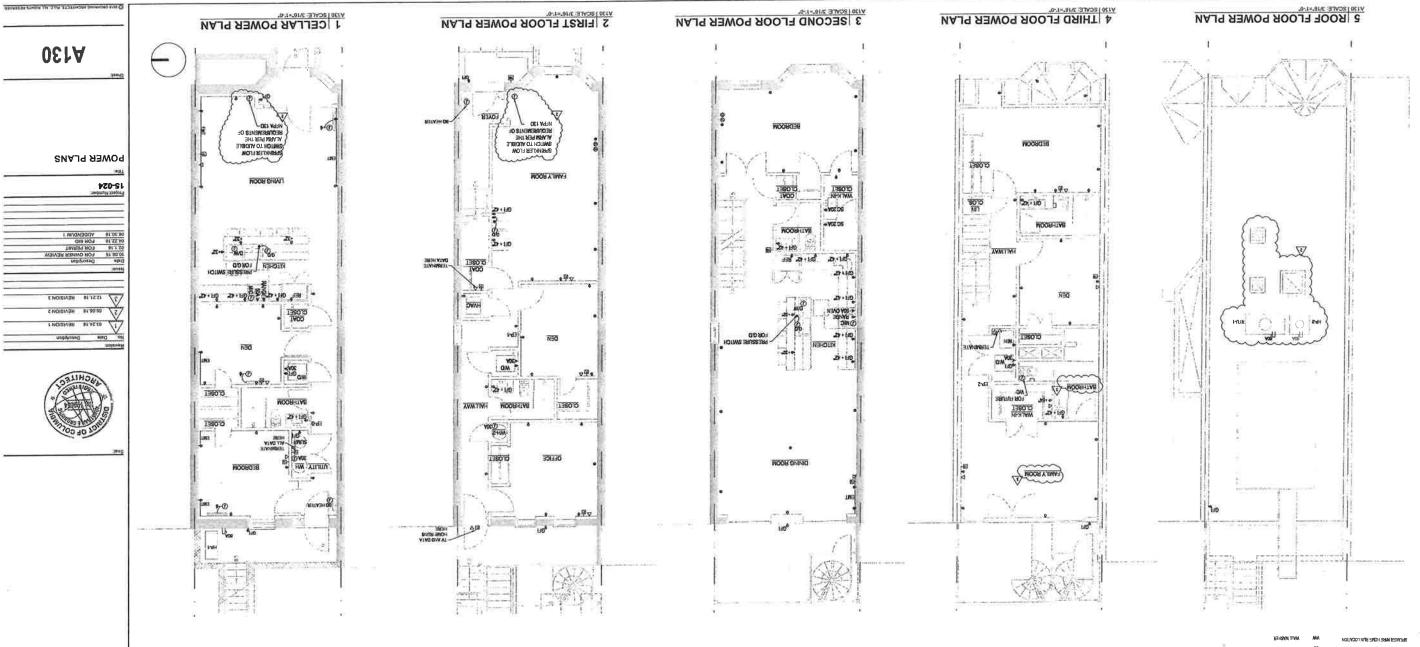
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NIE SAINTES COPTE

ARCHITECTURAL NOTES:





EP-2 (SECOND FLOOR)

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WEATHER PRICOF	dW		₩=	
CREDING FALLT (NTERUPT	ЬÐ	ELECTRICAL DUPLECYWALL OUTLET	=	
HOTIMAS REMANDA	9	ELECTRICAL DURKEX FLOOR OUTLET	⊖	
RMICH	\$	ELECTRICAL DUPLEX PLOOR OUTLET	•	
EXPANSE FAN	.a⊠	TATA FLOOR OUTLET	•	

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2, ALL SWITCHES AND OUTLETS TO BE BY SAME MANUECTED.
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EP-1 (FIRST FLOOR SUB PANEL)

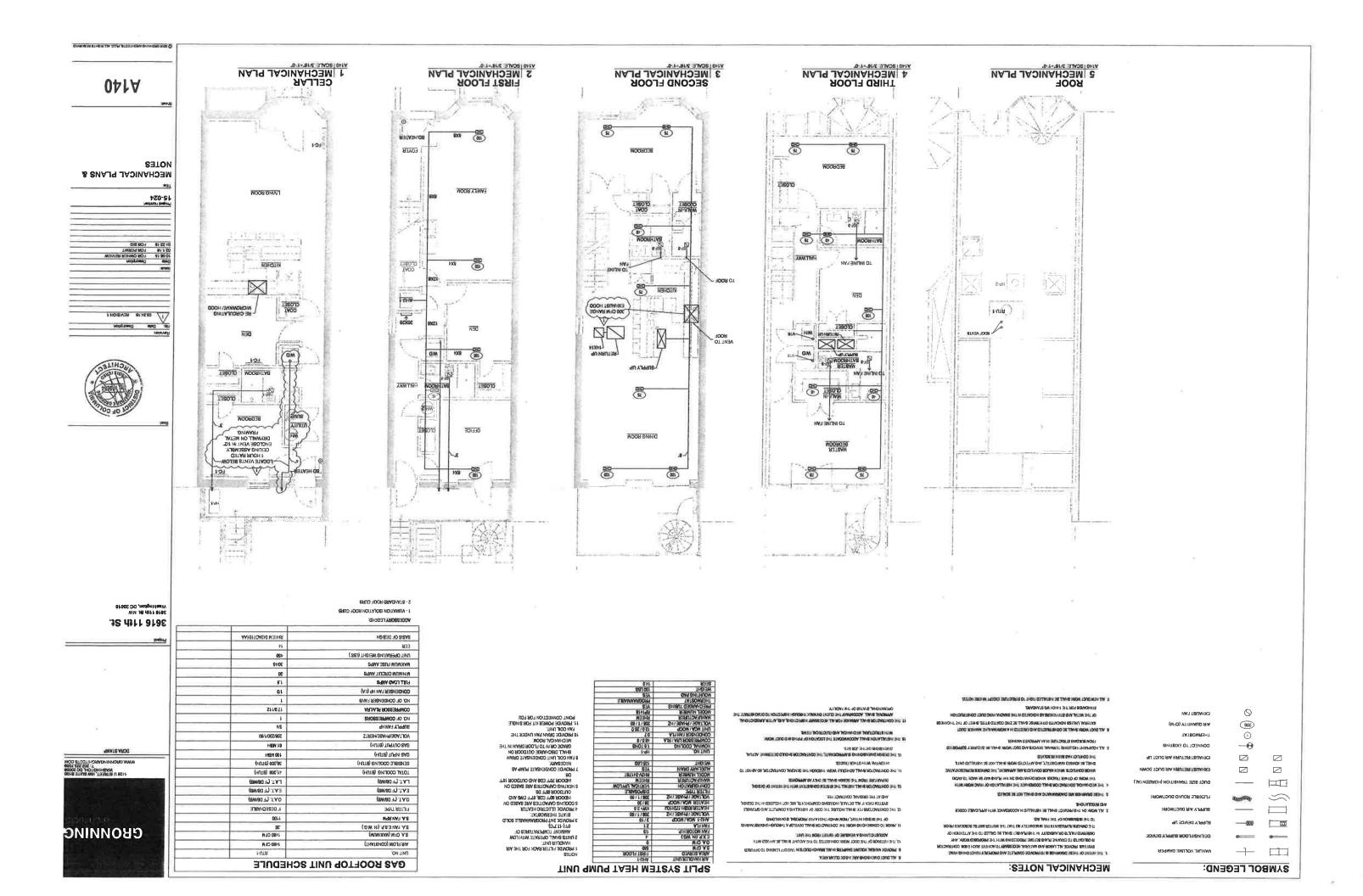
SELECTION BREAKER

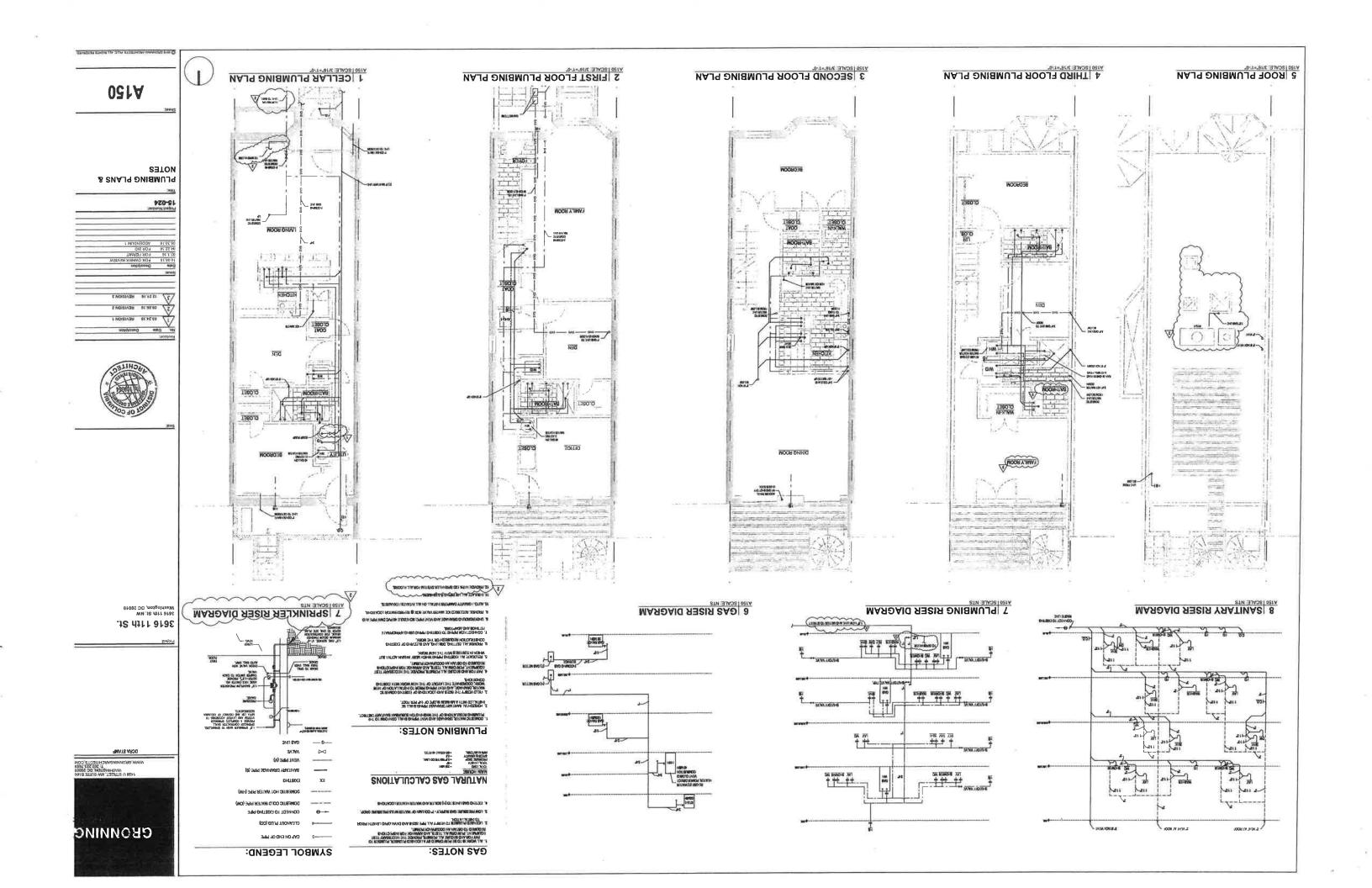
EP-0 (CELLAR)

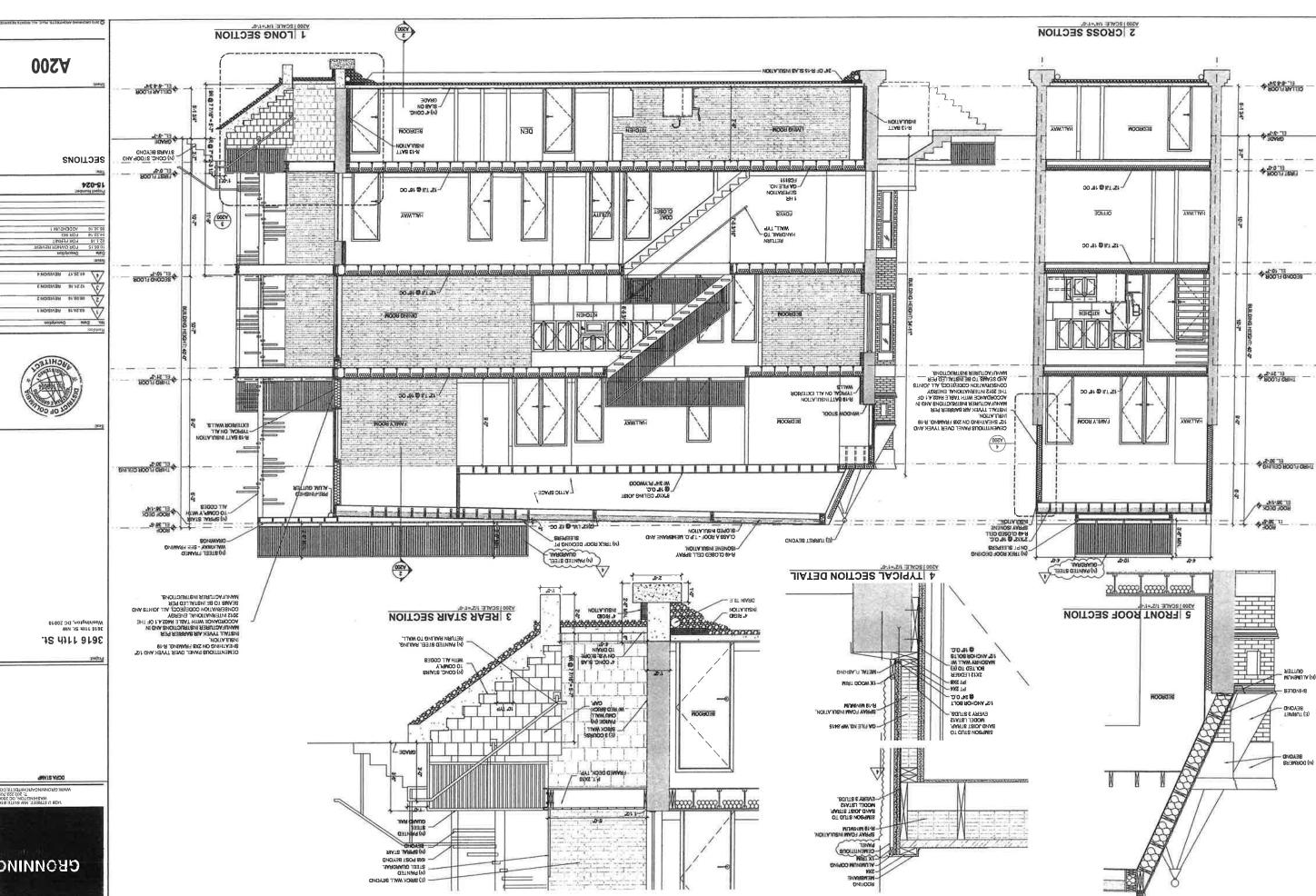
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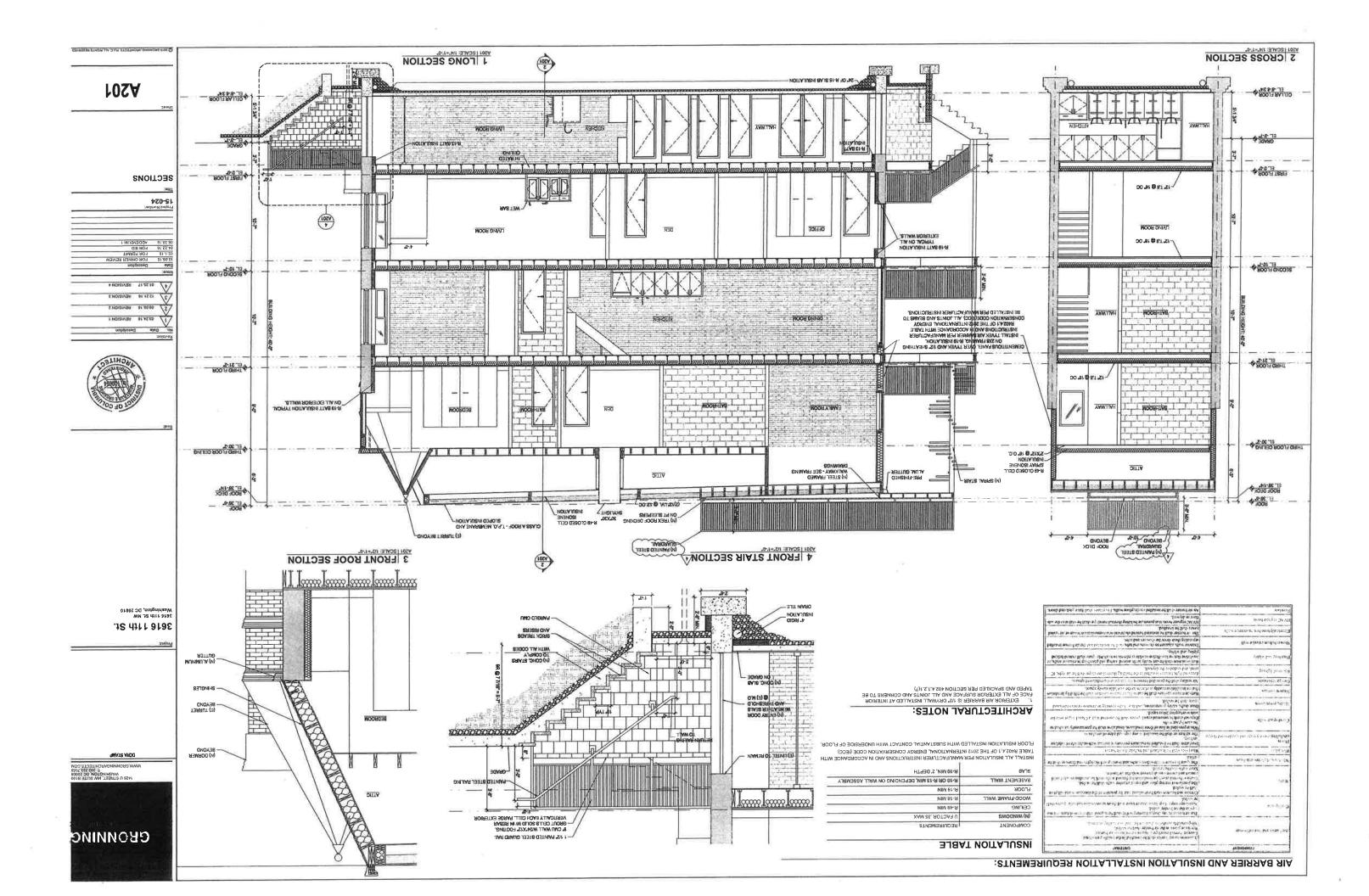
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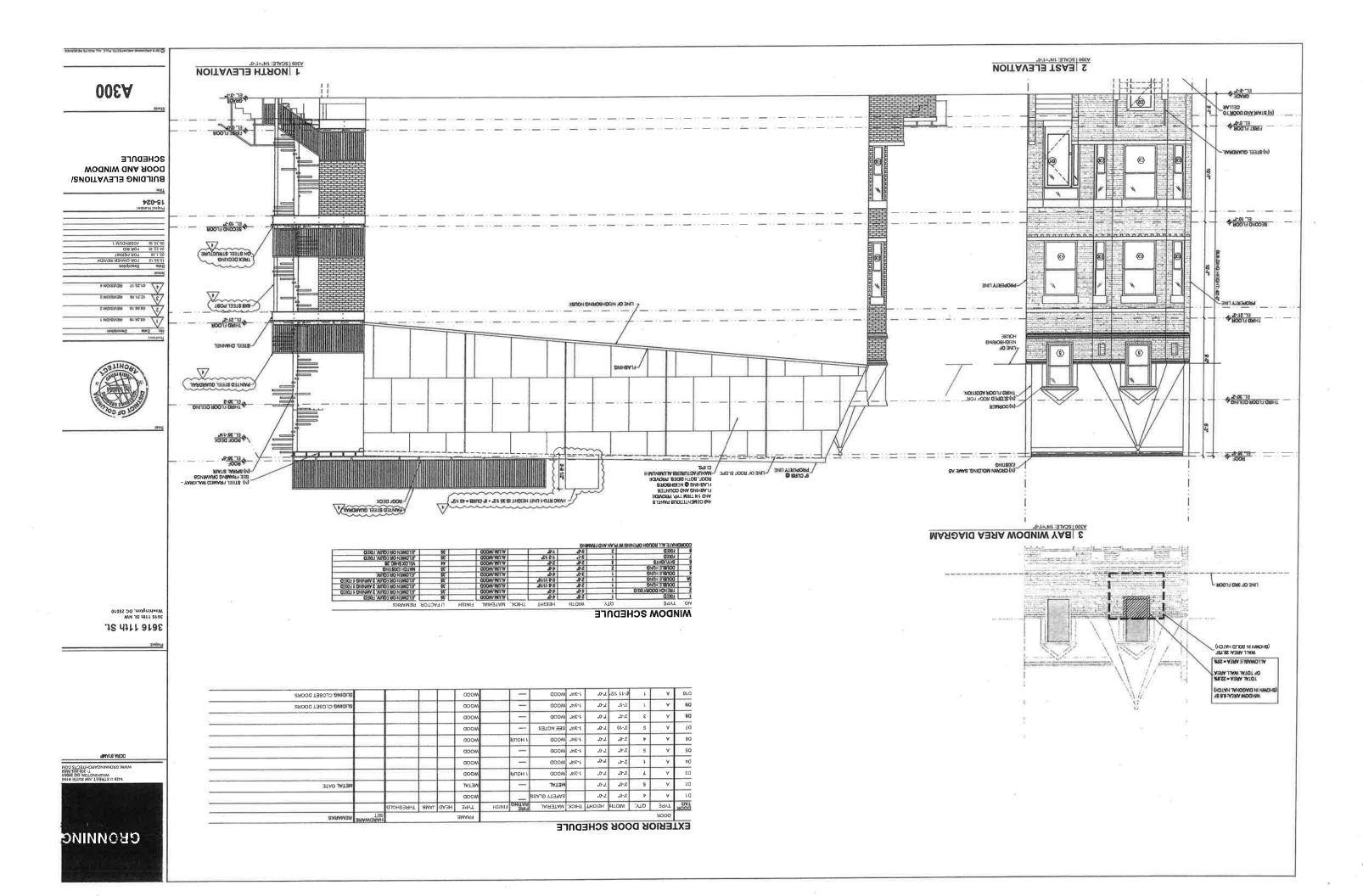


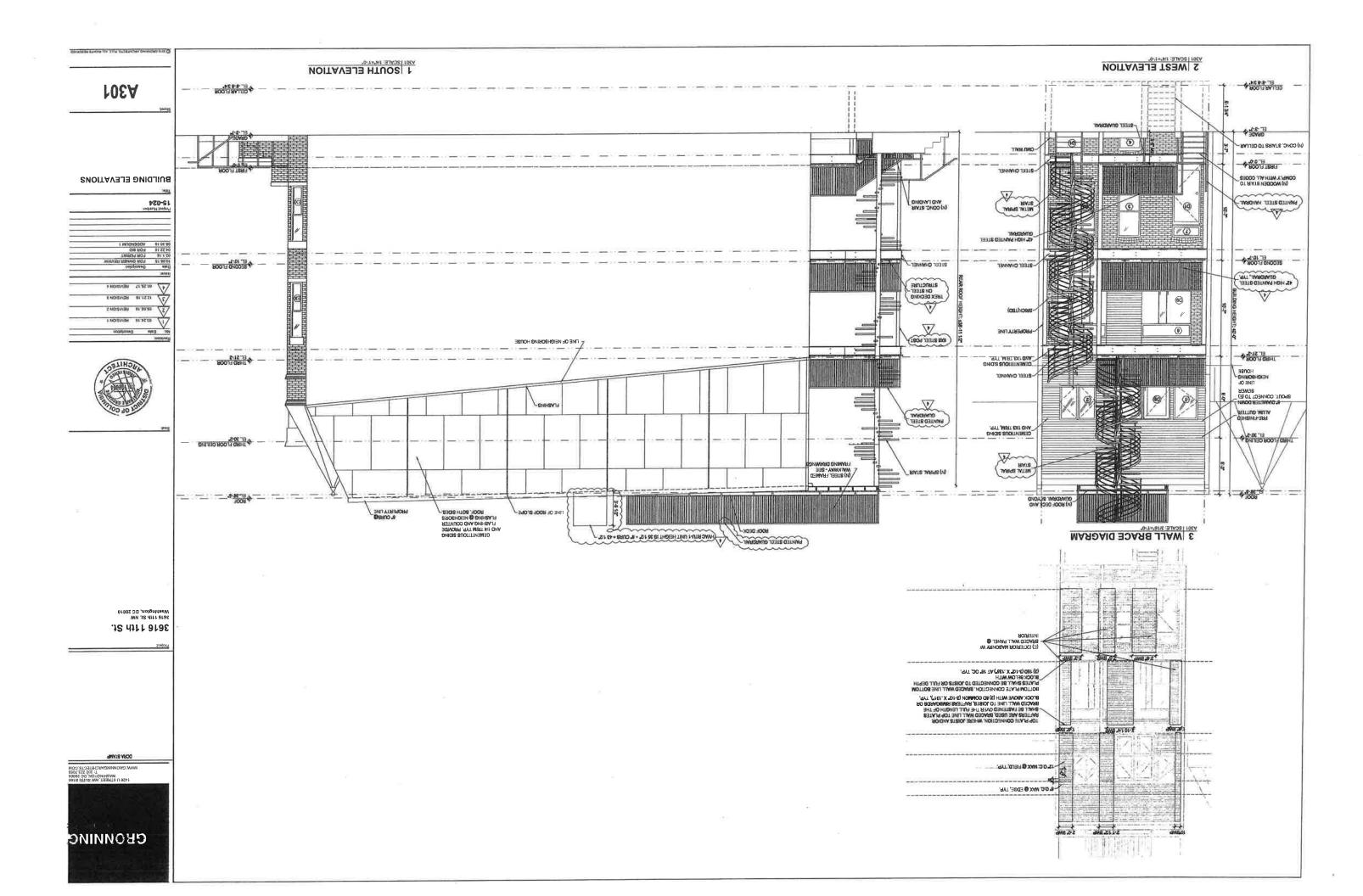


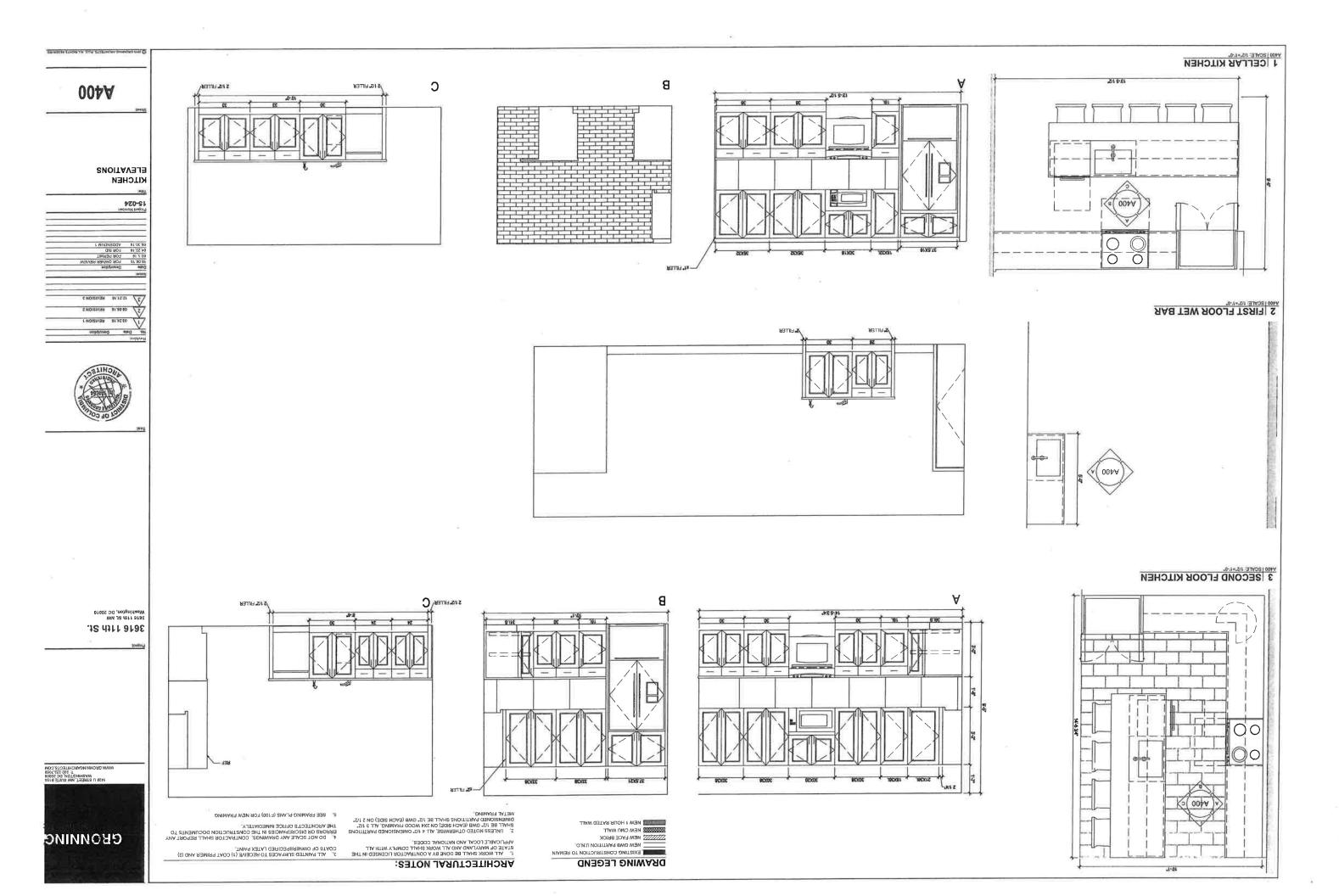


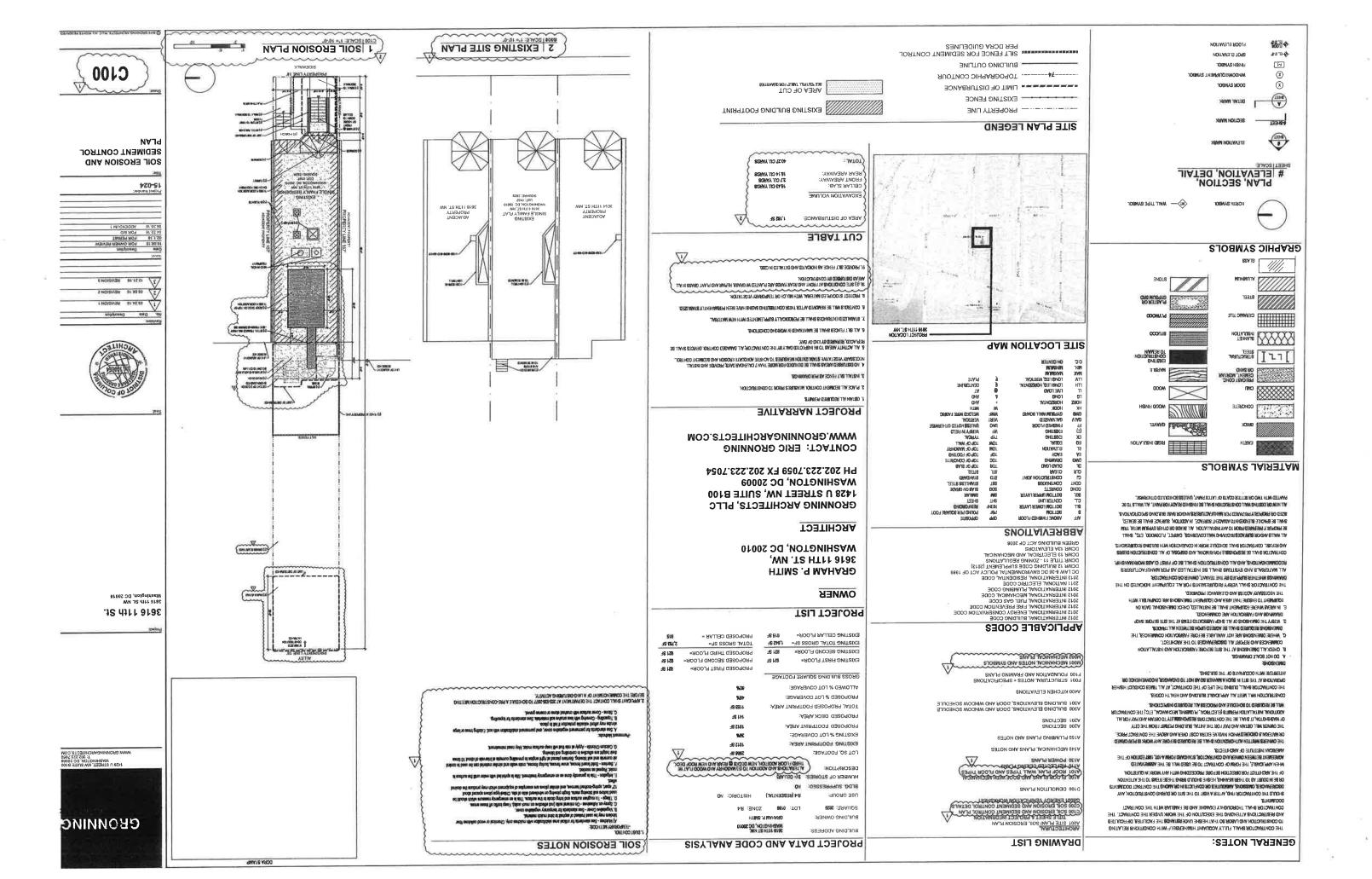
CRONNING











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AND PLACEDE SO THIS EMBERTED AT STILL A BABBLER HE (\$) MONES. SHOWN HEREON. HE SHALL NOTIFY THIS OFFICE AT (202)637-4360 AT LE f. The smole shall be excayated or 'toped to line, ordee, and expection as required to meet ; le critario specified in the PERMITTEE/CONTRACTOR IS REQUIRED TO CONSTRUCT DESIGN FEATURE THIS APPROVAL IS FOR GRADING AND SEDIMENT CONTROL ONLY. SOUTHER REPORTED and should like the second of a non-endand velocity and should be not a second specific the second specific and second specific and second specific second specific second specific second seco PLAN NUMBER Z. Runoff diversed from a disturbed orea shall be conveyed to a sectiment trapping device. I. All perimeter disc/avoics sholl have on uninterrupted positive prodes to an outlet. Spot elevations may be necessary for grades east from M. W/190 SHADO Construction Specifications 3) (NOT TO SCALE) EARTH DIKE DETAIL 200 (200) (200) ENDY BIVE MYHUS (NOT IT SCALE) CONSTRUCTION MOTES FOR FARRICATED SILL FENCE A STABILIZED CONSTRUCTION ENTRANCE LISEE SHOURCHOM 4600 ROCK OUTLET PROTECTION GRASSED WATERWAY DIVERSION OF THE MLET AND ABUTTING THE SPACES BLOCKS AS BLUSSES. THE PROPER SPACES THE PROPER SPACES THE PROPER SPACES AS BLUSSES. PERMITTER ONE/SWALE HOTE OF ENDS SENDER BLOCK TO NETP NEETS THE FRONT BLOCKS IN PLACE.

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DETAILS SEDIMENT CONTROL SOIL EROSION AND

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BY SK WORES AND FOLOED.

FACH OTHER THEY SHALL SE OVER-LAPPED.

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2. ALTER CLOTH TO SE FASTED SECURELY TO ANY THES SECURELY TO

SEQUENCE OF CONSTRUCTION

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TI. AFTER NAZE, DR. DEMOS. THENE IS MICED FOR OKOUNDCONER TO PREVENT EROSION, AND SECULECH. RUNOFF FROM OCCURRINM, SUCH AS SEED, SOO, FAYING, BREITHRINGS ORE MULCH, ETC.

SECRETARIONS WITHOUT SEVEN DAYS OF DESTRUMANCE.

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A. WAY CATCH BASH CIR. DRAW RECOACS CLOCKED AS A RESULT FOR EXCHANGE OR CONSTRUCTION SHALL BE RESPONSIBLE FOR

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SEDIMENT CONTROL NOTES

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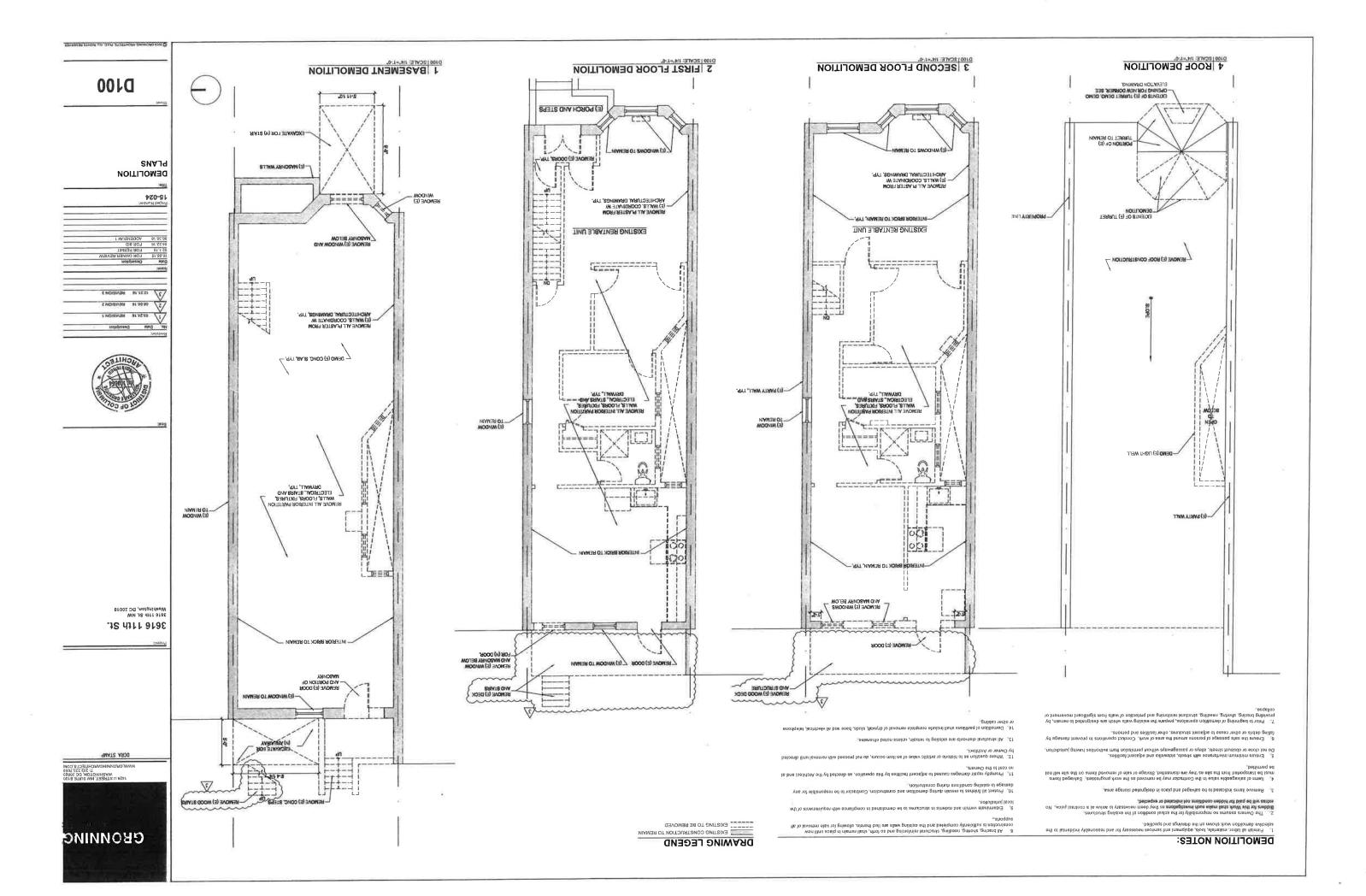
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Mashington, DC 20010 3616 11th St NW 3616 11th St.

CRONNING



3" Where soil has been softened or stoded by flooding or

anges dethmental to the stability of sub-gra S.Remove collecting water from the excavations using swatering methods which will prevent softening and so

D.P.TOVIGE 6arth Definition of partitional of excessions, where

Power and of the remaining in a manner and in proper sequency of prevent or subsurdace water from flooding the not between the subsurdace and the public or subsurdace or

prevent any frost or lee from penetraling any footing or slab subgrade before and after placing of concrete and until auch LINE CONTRACTOR STATE PROVIDE SIL RECESSARY MES

connected in excavaling and grading operations. The Excavation strail include the removal and disposal of all manages and the second and advanced and advance

See architectural drawings for all waterproofing and

of one (1) layer of 6 x 6 / W1.4 x W1.4 WWF, un

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Presumptive Load-bearing Values of Foundation

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SOIL AND FOUNDATION

he actual weights of materials and construction shall be sed for determining dead load with consideration for the

DEAD COADS

STEEPING BOOMS: 30 PSF BOOMS OTHER THAN SLEEPING ROOMS: 40 PSF V22ENGEK AEHICFE GYBYGES: 20 b2E INVESTIGATION IN FILL COMPONENTS: 50 PSF UARDRAILS AND HANDRAILS: 200 PSF FIRE ESCAPES: 40 PSF EXTERIOR BALCONIES: 60 PSF

STAIRS AND EXITS: 100 PSF ATTICS WITH STORAGE: 20 PSF ATTICS WITHOUT STORAGE: 10 PSF ATTICS WITHOUT STORAGE: 40 PSF MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS

IOE SHIELD UNDERLEANN.

NOWATER DESIGN TEMPH: 30.

TEMPHE: NODERATE TO HEAVY

DECAY SIGHT TO MODERATE

TO DAMAGE THE TO HEAVY

TO THE DEPTH: 37.

TO THE THE TO THE SEISMIC DESIGN CYLEGOKA: 8
WIND SHEED: 30 MINH
GRONND SNOW FOVD: 30 PSF

GESIDENLINT CONSTROCTION DESIGN PARAMETERS

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ining, and civit drawings for the size and location of at Reder to the architectural, mechanical, electrical,

Job site safety and construction procedures are the

The construction drawings and specifications ortifications on in specification to considered an in art of the construction requirements for this project,

plements and amendments to the codes 2008 DCMR 12 Building Code Regulations and all local 1. This project has been designed in compliance with U

SPECIFICATIONS

TESTENSE

nasonry walls. Contractor shall brovide adequate bracing an nortar with a minimum compressive strength of 1,600 psi at 2 adyT ni bisi ad fisate shaft woled tynosem IIA b

Type S Mortan: Masonry cement (Type S): 1 part 2 2 1/4 to 3 parts 3-3/8 to 4-1/2 part 3-3/8 to 4-1/2 parts

in part, provide for the following proportions by volume: Type S Mortar: Portland cement: 1/2 part Massonry cament (Type N): 1 part 23.All mortar atral conform to the requirements of C-270, C-270, The Proportion Specification Requirements of C-270,

Concrete cast against and permanently exposed to earth: 3" shall extend the entire height of the wall. 22.Where masonry lintels bear on masonry walls provide 16" beathy on two solid grouted cores with 1 - #5 vertical ber in each sole of openings. This reinforcement reight, See plans for extenor wall reinfording.

in accordance supported and appead in forms and advanced in a ment, connect and properties and requirements outlined

2. provide 1 – #5 grounded solid in vertical cells appead at it is beindered for all with "Manual or an examination of all with a solid in vertical cells appead at it is beindered beindere horcement shall be detailed, tablicated, 20 Provide 2 - #5 vertical grouted solid in cells at each

19. Reinforcement placed in bond beams shall be lapped minimum of 18 bar diameters at spices. Provide corners bar of cquivalent size lapped 48 bar diameters at comers and interections of walls. Bar supports:
Conform to "Bar Support Specifications", CRSI Manual of
Conform to "Bar Support Specifications", CRSI Manual of Standard Practice, Type: Continuous high chair with plastic Wire fabric:

"Specifications for Wire Fabric for Concrement", ASTM A185-79,
Reinforcement", ASTM A185-79,

for teinforcement. "Specifications for Cold-Drawn Steel Wire for Concrete sinforcement", ASTM ABZ-80. The Stade of the sumbs and use, crade 40. ,08-213A MT2A ,"Inom

All reinforcing steel splices shall be a minimum of 36 pst diameters, unless noted otherwise on the drawings

ormed concrete surfaces not exposed to early or said walls; N^* can cover to lies)

10. Unless noted otherwise, the concrete cover of all reinforcing shall be as follows:

Specification for Deformed Billet-Steel Bars for Concrete on at and comply with the following refer

T. The Contractor shall be lotally responsible for the design, construction and temporary falsework as required to safely support oncreate during construction and maintain safe working conditions at all times.

8. The use of additives to the concrete mix shall not be permitted unless the contrate meaved the prior written to forther but sometimes approved of the structural engineer for Additives. Additives to containing calicium chloride shall not be used.

5. Frozen ground: Do not place concrete on frozen ground. Do not place concrete when lemperature is below 40 degrees F., except with prior approval of Architect.

C. Concrede sit Tables of constitution of the subject for feesing and the subject of constitution of the subject of the subjec

ACI - 315 Cold Weather ACI - 315 Detalling

CONCRETE

Transporting and Placing Concrete". ACI - 305 Hot weather

Beamment alabs and intends alabs on grade, except gazage floor slabs - 2,500c Besensel wells, foundations and observed to not also one concrete one manufacture of 1000c.

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Contractor is responsible for proper arrangement and fit of the work and if discrepancies are noted between the various deswings and work, the Contractor shall notly the contractor immediately in writing and shall not proceed until so directed.

1, The Contractor is responsible for all dimensions of the necessary many and the structural drawings in relation to other drawings and shall verify dimensions in relation with other work at field conditions.

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18, Ceneral: Becklilling shall not begin until construction below finish grade has been approved, forms entweet, and the scawalions cleaned of trash and cloans. Backlit shall be hought to required grades, Becklill shall not be placed in wel

17. Compact backfills to 95% of maximum density at optimum moisture content as determined by ACTA 698.

exceeding 6 in (loose depth) and uniformly compacted

16 Construct fills generally in horizontal layers no

in Fill (or excavale as required) under items of

To.Construct fills at the location and to the lines and

in' may propose de pro

sgoiwerb on the drawings.

7. Hollow Non-load-Basing Units (Autoclava): Conform to RSTM C129-75, Grade S. Type I and norminal Isco dimension of S in. by 18 In.

Reinforced concrete masonry unit (MO) walls shall be pro-pared of 2 cell hollow block. Fill at cells with pro-3.000 pol. 3.000 pol

M. S of w mortal:

M. S of w mortal:

A. I concrete mazonny work shall have horizontal hazes type in the short shall have horizontal hazes type in the short shall have horizontal hazes type in the short shall be shown grade, and all 8" oc., verifically below grade, Lap spillors in DIR-O-WHZ of minimum and provide lackny-prelabidistate dominers, For hindror and provide independent of the short shall be shown grade. The short shall be shown and the short shall be shown and the short shall be shown and short shall be shown and short shall be shown and short shall be should be shall be shall be shown and shall be sha

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YANOSAM

STRUCTURAL STEEL

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INTERIOR FINISHES

and 18" o.c. at all intermediate joists and trusses or boowing went on the 304" tongue and grown of boowing went one size of the ordinary and some of the ordinary and some area of the size at great of the size of the size of the ordinary and size and ordinary and the size of the ordinary and the ordin

15 Buttanng corners of joints or excessive furrowing of mortar joints is not permitted. le All concrete reinforcement materials shall be new, free

13.Lay solid masonyy unils in tu'il bed of mortar, with full head joints, uniformiy jointed with other work.

the weather, and garage floor slabs - 3,500d

Type or Locations of Concrete Construction for Sever

L. Minimum Spacified Compressive Strength of Concrete at ACI - 348 Code ACI - 347 Formwork

sbecr suraces to support masonly work as tollows:

Rod or vibrate to insure 100% filled cells. Provide clean-out at for the work of other trades without the prior approval of the

wolled Villesthew, Jo. of 81 bane bang evodie, whee glanduning and perfect of the form of

oom silaw puhean y wasen to exercively in muninim off 7. 8

biol 2. (mm CSO) sending is and last leight five to-en oracli y five to-en oracli y five to-en oracli y five to-en oracli and the separate has single as the sending as more than the sending that the sending that the sending that selection or the sending that the sending the s

Masonry bearing walls, parillions, and plens shall consist De-20 Micra of ordering units consistent of the Mary More of the Mary of the M

2. Ceraunic tile surfaces shall be installed in accord with AVSI A108.1, A 108.4, A108.5, A108.6, A108.1.

1396 and shall be installed in accordance with the provisions of this section. Adhesives for the installation of gypsum boar shall conform to RSIM C 557. 960, C 1002, C1047, C 1177, C 1178, C 1278, C 1395 of C Inform to ASTM C 36, C 79, C 475, C 514, C 530, C 93

2. Roof sheathing shall be standard 5/9° C-D 24/16 (spanieling) abxtehor gue phywood, dale phywood vall phywood vall phywood vall by the constant with 6d nalls at 6° o.c. at sheet edges and at 12° o.c. at all intermediate joists and trusses.

no even flierts velvige to beam of givder shell of the set of the

All framing lumber shall be Spruce-Pine-Pir (SPF)

tached to its support with humcane ues, unless note

SHEATHING

ompressible joint filler. 17. Isolate top Joint of masonry partitions from horizontal structural framing members and stabs or decks with

9. In the stall be supported laterally all the above by the control of the contro traming members with a control joint.

14. Lay hollow masonry units with face shell bedding on

12.Provide (emporary bracing during installation of masonry work. Maintain in place until building strui provides permanent bracing.

bevorder-separate no alT-grout acquires at 1.7 da de Singaca Parout acquires and equivient a reductiva was moderne to acquires no described and exams a manufacture and terminated unibor cap connectors. Pos a file of a connector and proper and proper and proper and the reductive and terminate and terminate and the seased and personal properties and the separate and the properties of the properties and the season of personal and the season and personal and the season a COOLDINGING BY THE CONTRACTOR TO SUR THE INASORITY WORK clean and tree from lailance or toreign materials. Reinforci house la half or the correct location as specified. The preament and location of anthor liber, linearle, and other embedded librar in contrede or other adjoining work shall in coordinated by the Contector in suit in execution work. 11 Foundations for masonry work shall be straight, on-line, and level, All surfaces to be bonded with masonry shall be 6. Provide double joists at parallel partitions where partition length exceeds 1/3 joist span

iength or approved mudsill anchors at 4" - 0" or hickness strown, except, build single-wythe wells to the sctual thickness of the masonry units, using units of nomin

4. All pressure beated (PT) wood members to be Southern Pine #2 or better. Brilld walls and other masoury construction to the full

Verly liems provided by other sections of work are properly sized and located. Verly shall be laims are in proper location, and ready for roughing full mesonry work. Beglinning of Instellation means installer accepts existing conditions. #1#2 or better, unless noted otherwise, All tumbor shall compty with the requirements of Mmer American Institute of Timber Construction and the Americans is Expert executations (AFPA) Material Design Specification for Wood Construction To proper grades and elevations, Free of dirt and other deleterious material,

Condition of Surfaces: reging or inspection against meaning are requirements or or or inspection agency first has been approved by sit in ou of a secretifiation body that complies with DOC PS 20, In lieu of a grade mark, a centificate of inspection issued by a lumber or settor or inspection agency months to the contemports of this

Load-bearing dimension lumber for jolete, beams and gliders shall be identified by a grade mark of a lumber grading

6, Hollow Load-Bearing Unifs (Autodave): Conform to MT2A C90-85, Grade N, Type I and nominal face dimension of 6 in, by 16 in,

MOOD pase of illed cells.

8 There shall be no field cutting of structural ste ракций совеплении. Igrest squau: DUDING BY THE CAME TO BE SAVERED OF THE SAME OF THE SA 7. All welding shall be done by qualified welders and shall

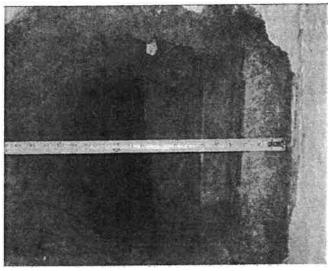
5. Before erection proceeds, and with the steel erector present, verify elevations of concess and mesonry bracking suffices and locations of snchounges for compliance with requirements.

2. The water place in the properties of the project of the project

3 VVBIDING EIBCUODBS: COMPIY WINT AVAS INQUINITIENTS

yex ageel agricultural polita and heavy hex carbon-ageel huita Headed Bolls: ASTM A-490 (ASTM A-490 M), Type 1 heavy Headed Bolts: ASTM A-325 (ASTM A-325M), Type 1, heavy hax carbon-steel nuls.

2 TEST PIT 1



3 TEST PIT 2



กาเรเกเลน Total (000) late) 0'5121 V/N 01 ΟÞ 100|4 J2.I 200H bns 05 V/N [[80] 100]] 108 peol [SET FROY MOUS D'5957 05

1 STRUCURAL LOAD CALCULATIONS

(Red) Itsh Weight Bearing on Party Wall (psf) (fig) beat late! 100H 72 W/N 100F big DESC (BUT DECT BAR 1990) INCO

3914 FARADUR FOODING RESIDUR ALES (21)

Structural Load Analysis Calculations for Edisting Maxomy Party Wall Bearing Capacity

seeigh 204 pouring Preseure (psr)

(is) ears Builteau Buggo-i Bugsoxa atge

Tidi nottennos se beat lesti

 \mathcal{T}_{L} ALL FRAMING TO COMPLY WITH THE CONVENTIONAL LIGHT FRAME CONSTRUCTION METHODS OF THE INTERNATIONAL RESIDENTIAL CODE. FRAMING NOTES:

Flat Roof snow Load (0.7 x Ce x Ct x i x pg) pi ∠u psf

E.Y. eldaT- I aD notbell lemment Syporure Coefficient Ce 1 - Table 7.2

goot Exposure Condition

(Mot-A MTSA) 86-A MTSA :218/655W

Structural Steel Shapes, Plates, and Bars: Carbon Steel: ASTM A-36 (ASTM A-36M) Cold-Formed Structural Steel Tubling: ASTM A-500, Grade B

DYTT STOW Load on Lower Roots

E yrugeany in transferry B 1.1 oldeT - II yacgata2 gnibliu8 1.1 eldnT - izq 25 gq bøod wond brauo10

Snow Exposure Fector, Ce = 1.0

Flat Roof Snow Load, Pf = 20 psf

Ground Snow Load, Pg = 25 psf

Roof Snow Load (Chapter 7, ASCE 7 ~ 10 & Section 160&1, L, DCMR12)

Length of Lower Roof (width of Edstrig Roof) = 18^{-0}

Length of Upper Roof (width of New Roof Addition) = 18'-0" max

Height of Upper Roof (width of New Third Floor) = 9-0" max

ANALYSIS OF ADJOINING PROPERTY FOR SNOW LOAD IMPACT

alculation of Snow Load due to New Addition:

Per ASCE 7-05 Snow load Calculations Mindwerd & Leeward Snow Orlik shall occur slong the perapet due or wind.

01- √ 3328 white calculations are the dense in accordance with ASCE 7-10. The roof shall be designed for critical of roof snow load of roof live load. Diff = 1 tacked soutstanded beaut word

Carefully examine drawings. Check arrangement of Finleti: Black, exceptorated by Carefully examine drawings. Check arrangement of Lineader Score, Conf., 2016. A Marchor Rods, Bollst, Marchor Rods, Rods, Property Rods occur, notly bealing walls more connection with measurement of Marchor Rods (April 18-268), Property Rods occur, notly Score of Marchor Rods (April 18-268), Property Rods occur, notly Score occur, notly Steel Pipe: ASTA A-53, Type E or S, Grade B. Weight Class: As noted on drawings.

from defects in strength, durability, appearance, and function and shall conform to the following unless noted otherwise o 1 Steel shall be of American manufacturer, new and free

16 8d 6-4 8ft 305A- y/8d- of at .1 dir (dr) bed

find brawse haq 19, 91 yilanatni

(Pid x 1 x 1 h x or x c'n) pesodxa Assessed

(Fig 7-1, ASCE7-10 && Section 1608, L.1, DCMR12) Length of Lower Roof lu 18 ft Helght of Adjacent Roof H 9 ft

200M DENSITY AT 32 POR -0.13 PB+ 14 of strow drift but its fit a) St. of hoper Roof to 18 ft THE H TOOK THESERY TO STREET NUM WOUS CUTTURNEY OZA 1) OZA rbbW 1)hO mjizaO n EL 1 region rith Cingles \$ 0 < bellious and on becalitive.

at a driva JI 98.7 3A 16 3d 6-1/39 372A-1/39d-31 31.1 dri (dri) beo! wone beansled to trigielf Snow Density v 17.25 pcf -0. 13 pg + 14 Calculation

PLEASE REFER TO PAGE 42 AND 43 OF STRUCTURAL DESIGN O CHECK THE ADEQUACY OF ADJOINING BUILDING HAS BEEN CHOOL FRAMING AND THE ANALYSIS FOR MINIMUM SNOW DRIPL LOAD 1. CONTRACTOR TO VERIFY AND INSURE THE ADEQUACY OF EXISTING BUILDING FOR MINIMUM 39PSF SHOW DRIFT LOAD PLUS DEAD LOAD OF SNOW DRIFT NOTES:

set for entire root area plus dead losd of roof framing assembly

= 25,88,25 + 25, lo beol wons orb execut. Hence the son load of 25 + 25,88/2 =

BRQ BE YASHO, YE

9/39 44/24

.....

COLD ST COLD PENNY STREET PENNS

में 02.1 उत्हाबत मोगरी ल्डांस्कर

Drift Load to be Applied > 0.2

Asshington, DC 20010 1616 11th St NVV

WANTED STRONG AND STATE STORY OF STRONG PARTY.

F001

SPECIFICATIONS

I NOISIVER BEACKS /I

o: Data Description

#Z0-91

CALCULATIONS AND

STRUCTURAL NOTES,

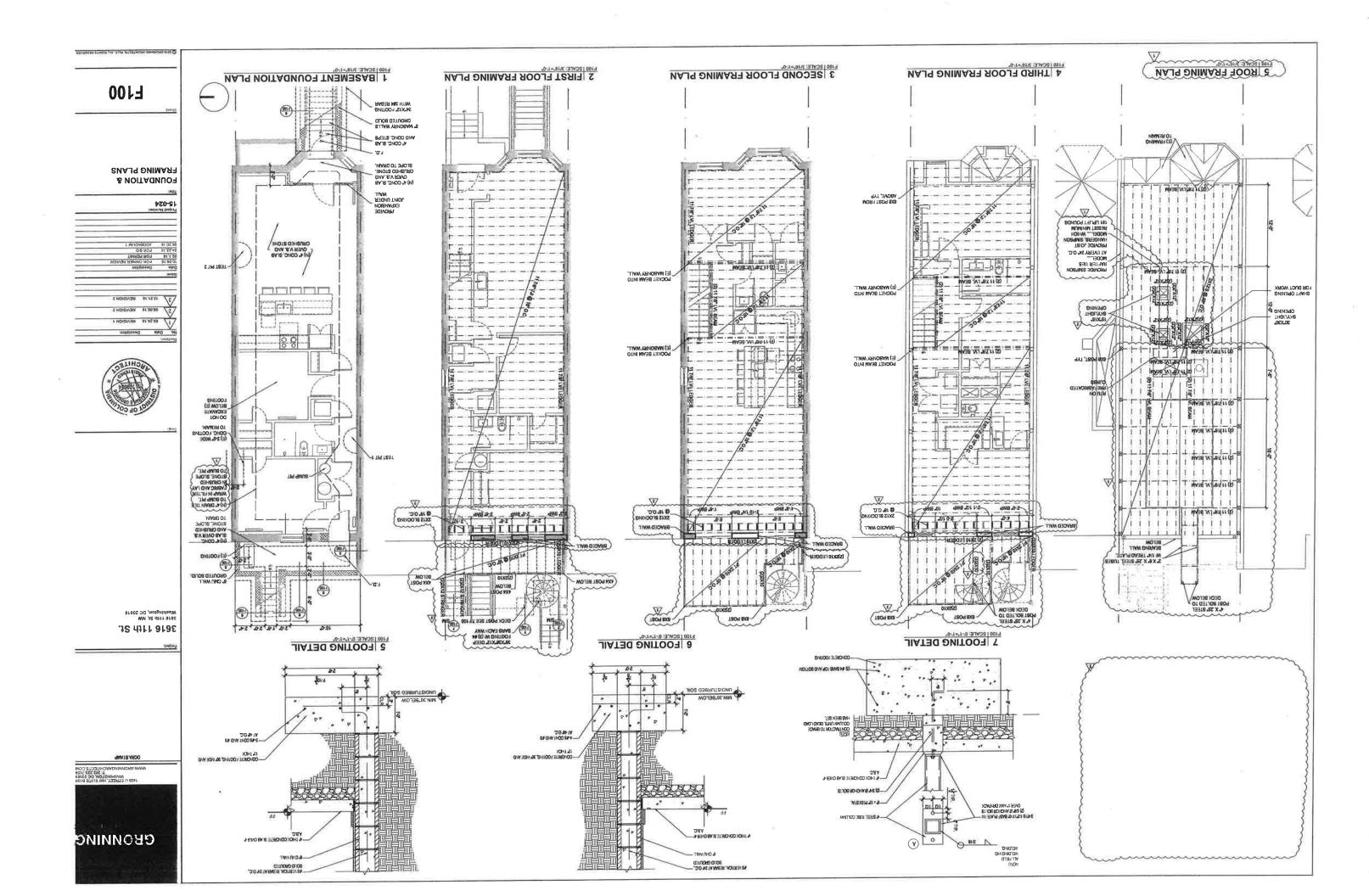
DOSE

3.0EAE

D6Z.(

3616 1115 St.

СВОИИІИС



1 NEIGHBOKING KOOL LKAMING PLAN EXISTING
SINGLE FAMILY FLAT
SET STATE
MASHINGTON, DC 20010
LOT: 0167
SQUARE: 2829 (S) ZX1Z ACTUAL W/ 170F KNEE BRACING, TYP. LXB DECKING NEIGHBORING CHIWNEA (3) 2'X'IZ" ACTUAL WI 1'30" KNEE BRACHIG, TYP.



NEIGHBORING ROOF STRUCTURE WI LOAD CALCULATIONS

F200

12-054 https://webse



Washington, DC 20010 3816 11th St.

СКОИИІИС

СВОИИИ

3616 11th St.

		OFFT	181		75% lamps in permanent	1.40.
		A/N	A/N		Circulating hat water systems have auto, or accessible manual controls.	F.4.20-
		A/N	COMPLIES	P 4 18	Heat pump thermostate Installed on heat pumps	-03 1 2 MR
		A/N	COMPLIES		Programmable thermostats installed on forced air furnace	7.1.20. AM
		A/N	COMPLIES		AVVC equipment type and capacity as per plans	1 9700
		A/N	A/N	+7-15	Air—handler leakage désigned by mfr at <2% of air—flow.	1.2.2.2.1
ij		A/N	A /N	100 ff _s Z8 CEW\	Total Duct leakage test SB CFM/100 ft ² with air-handler installed.	1 2.2.201
		A/N	A\N		Wood burning fireplaces have tight fitting five combustion outdoor air for combustion.	S.:4204
		002A	COMBINES	0.3≥03HDA	Blower door test @ 50 PaSS Air Changes per Hour. Applies to Level 3, Gut Rehab, New	2.1 4.201
		A\N	∀ /N	sR-value of adjacent assembly	Attic access hatch and door insulation 2R-value of adjacent assembly.	# Z Z0t
		A \N	∀ /N		marked every 500ft* Baffle over air permeable insulation adjacent to soffit and eave vents.	RS.2.20#
		A/N	A /N		Ceiling insulation installed per mnfrs instructions. Blown ins.	1 1,1,200
		00SA	87 -1 3	Wood; R~49 Steel: U-0.026	Ceiling insulation R-value	1,2,201 92,2,6 SR
Field Losp.	Plan	bentified epo9 pw()		Prescriptive Code Value Wood: R-49	encitosqual toni?	Section F
		A/N	∀ /N		Sunroom celling insulation installed per manufacturer's instructions.	302.2
		A \N	∀ /N	lsolated: R-24	Cellings of thermally isolated sunrooms have min. R-24. All other sunroom cellings must meet code requirements	\$
		A\N	A ∖N		Sunroom wolls insulation installed per manufacturer's instructions.	3.202
		∀ /N	A /N	lsolafed: R13	Walls of thermally isolated sunrooms have a min. R-13, IA-13, IA-13, IA-14, IA-	21,2.204 2
		00SA	COMBITES	R-13 Interior R-8 Exterior	Mass wall exterior insulation R-value.	1,1,20#
		00SA	COMPLIES	Wood:R-20 Or R-13+5 Int. R-8 Ext Int. R-8 Ext Int. R-8 Int. R-13 Int. R-14 Int. R-14 I	Wall linsulation R-volue. If a mass wall with ½ insulation on the wall exterior, ext insulation applies,	,1,1,204 8,2,204 8,2,204 82
		DOSA	COMPUES		Floor insulation installed per mnfr instructions, and substantial contact with underside of floor.	,2,202 7,2,204 92
		00SA	COMPUES	K-19+6 Sfeel: K-19	Floor Insulation R-value	402,1.1, 9.2,20# 98
		1	701		provided,	10
		00SA	COMPLIES		beledal noilolaine labeled or installed R-values	202,1

This Energy Verification Sheet is based on DOE's Stone streamed scheets and was adapted to fit the 2013 DC Energy Verification Sheet dis season sheet does not replace it in 2014 DC Energy Verification Sheet does not replace in the 2014 DC Energy Concervation Code. This verification sheet does not replace the season sheet of the 100 per season sheet designed to 100 per season sheet designed to

manual controls.

404.1 75% longs in permanent fixtures use high effic. lamps

J ENERGY VERIFICATION SHEET

OLIA SELEMOD

	VALCO	- v	1 1 2 2		910
	021A	COMPLIES		Hot water pipes are insulated to 2R-3.	7.4.20 AM
ETE	OGIA	COMPLIES		Protection of insulation on protection of a principle of the protection of the prote	MR 103,3.1
	051A	S3 WWO	HVAC Pipe ≥ R-3	Spining corrying fluids > 105F are 156F or fluids < 55F are 159 or 150 or 159 or 159 or 159 or 159 or 150 or 15	5.504 ЯМ
1 70	A/N	A/N	W 7 1	Building conties are not used os ducts or plenums	5.S. 504 AM
	011A	COMPUES		May joints and seams of air ducts, are handlers, and filter bosses are sealed.	103.2.2 AM
	A/N	A/N	8-R Sttic: R-8 Other: R-6	Supply Ducts in attic are insulated to 2R-8. All other ducts in unconditioned spaces or outside the building envelope are 2R-6.	1,2.204 ЯМ
	OffA	SETTLEMICO		IC-rated recessed lighting fixtures sealed of housing/interior finish and labeled to indicate ≤ 2.0 CFM leakage at 75 Pa	\$ \$ \$ \$ \$ \$ \$ \$
	00SA	COMPUES	0'2 CEW\K;	Fenestration is listed and labeled as meeting AAMA/WDMA/CSA 10/1.S.2.A440 or does not exceed code limits per NFRC 400.	4.20
	00SA	SELLES.		Air and Thermal Barrier installed per Manufacturer's anditactions	117204
	00SA	COMPLIES	Not Isolated 0,55 Isolated: 0.7	Additions, alterations, renovations and replair shall be completed in accordance with Table 402,4,1,1,	S.1.4,204
	A /N	∀ /N	Not Isolated 0.55 7.0 :bejalost	sunrooms has a max, U-factor of 0,7. All other	8.2,204 A2
	∀ /N	∀ /N	Not Isolated 0.35 Isolated: 0.43	Vilomestration in themolly isolated an max. Isolated suncoma bats lost of the Color	402,3.5 SR
	00SA	COMPLIES	∀/N	Mass wall exterior insulation installed per manufacturer's instructions.	1 2,205
	00SA #	DIRETNI EI-R	R-13 Interior R-8 Exterior	Mass wall exterior insulation R-value,	F.1.204
	00£A	COMPLIES		SHGC values were determined in accordance with the NFRC or the default table values.	5,1,505
	00£A	₽.	SHGC: 0,30 (0,5 max w/ tradeoff, 15ft²exempt	гкүідьт знес	402.1.1, 402.3.3, 402.3.6 92.304
	00£A	Ĝ.	U-0.55 (15 square foot exemption)	Skỳlight U−factor	402.1.1, 402.2,6 402,3.6 AS
	00£A	сожьпез		U-factors of fenestration products are determined in accordance with the NFRC or the default toble values.	5.1.205
Plan Field Review	beilitrabl beilitrabl app9 pw0	Plan Subby	Prescriptive Code Value	Froming/ Rough-In Inspection	Section #

021A aauranoo

991	45	cation	rifi	θV	dλ	nen A	CE	
4 13 13	402°2			4.0		weighted average)	402,3.6, SR 402,3.6, SR	
Hot water p	403.4.2 AM		00£A	SHGC	ZHCC: 014	Glazing SHGC value (Area	402,1,1,	
Protection o	403.3.1 MR		00£A	3€.0-U	24	weighted average, show proof of average if any u-value is less than 0,35)	402.3.1, 402.3.3 SR	
uisquoted c	ЯМ	1		1 1	25,0-U	Glazing U-factor (Area	402.1.1,	

Y/N

V/N

A/N

A/N

A/N

A/N

COMPLIES

COWINTER

COMPLIES COMPLIES

A/N

SC*0-1

To finished grade +24 in, vert. & in, vert. &

R-10 Cavity: R-13

10 ft or to bsmt., floor

∀/N

Jeel S

Unheated R-10

A/N

Address: WASHINGTON, DC 20010

Prescriptive Plan Code Value Value

006A BE.0-U

A/N

Y/N

A/N

A/N

Y/N

A/N

00SA

00SA

00SA

00SA

002A 81-A

Prescriptive Plan identified Plan Field Code Value Dwg Page Review Insp.

A/N

Dwg Poge Review Inap.

402,1.1, 402,3.4

1,2,505

402.2.10

402,2.10

202,2

402.28

202"5

1"1"Z0t

402 6 403 6

Sotion #

fimns9

Door U-factor

pelow drade

Snow and Ice-melfing system controls installed

A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below arade.

Unvented crawlapace wall insulation depth of burial odistance from top of wall

Unvented crawlspace continuous vopor retarder finalale over exposed earth, joints overlapped by 6 in, and sealed, extending at lest 6 in, and and attached to the wall.

Unvented crawlspace installed per manufacturer's instructions

Conditioned basement wall insulation depth of burial or distance from top of wall.

Conditioned basement wall insulation installed per manufacturer instructions;

Conditioned basement woll insulation R-value. Where internal insulation is used, verification to occur during insulation inspection

Slab Insulation R-value Perimeter insulation extendir the slab surface

Foundation Inspections

Heating and Cooling equipment is sized per ACCA Manual 5 based on loads calculated per ACCA Manual L

Compliance Approach Used: & Prescriptive a Trade Off

Pre-Inspection Section Description

402,1,1 SR Slab Insulation depth.

Project Type: Diew Building

SHEET VERIFICATION ENEBGY

CB004

12-024

0.06.16 FOR PERMIT
0.06.15 FOR PERMIT

No. Cale Description



TAGS SHALL BE LOCATED IN AN AREA THAT DOES NOT OBSTRUCT

THE PROPER ACCESS FOR SERVICE AND MAINTENANCE. ETTERS AND NUMBERS, AND CHAIN OR WIRE FOR ATTACHMENT. MATERIAL, STAMPED OR ENGRAVED WITH IDENTIFICATION PROVIDE IDENTIFICATION TAGS FOR ALL HVAC E UIPMENT.

2. TAGS SHALL BE NON FERROUS METAL OR BAKELITE TAG.

.....

SUPPLY AIR DUCT INSULATION

SUPPLY AR DUCT

INSULATION INSULATION

DOOD NIK TITHUS

NEULATION FIRECLASS,

SPACES...

NE CETTED IN

EFFE BOW SEESEL DYNEED BOWNERS OF MILH MILLER
MILHORI DIBJUISSING SEES OF DISJUING SECTION OF OFFI
MILHORI DIBJUISSING SHOPE OF ORDINECTE AND THE DISSUING BOODS GEVEN
WITH DECENSEL OF SHOPE OFFI
MILHORIDE DISSUING BOODS GEVEN
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MAUJAL VOLUME DAMPERS SHALL BE OPPOSED BLADE TYPE COOLEY MOUNED DAMPERS FOR MATHY OP DUCT IP TO 8" IN DIAMFERS AND LOCKING UNIT, HART COOLEY SHALL BE SINGLE BLADE WITH MANUAL WORNERS FOR MATHY SHALL BE SINGLE BLADE WITH A

PROVIDE TURNING VANES ON ALL S UARE ELBOWS EXCEPT FOR GREASE

Supplied to the code deficite.

A BUILDING LEAVAGE TEST SHALL BE PERFORMED AND VERIFIED AS HALL BE LEAVAGE RAFE DE NOT MORE THAN EA ARE HANGES DER HOUR. THE TEST SHALL BE CONDUCTED AT POST CONSTRUCTION OR AT ROUGH NA. A WAITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE SIGNED BY THE PARTY CONDUCTING THE TEST AND WASHUTED TO THE GODE CHECKIA.

SOUND THE CODE OPERIOR

CONSTRUCTION OR PLATE TEXT AND THE RESULTS OF THE RESULTS OF THE PER VINDED AT DAY

FERVIOUS OF THE SEGNICS OF THE PER TEXT AND THE RESULTS OF THE PER OND T

A DUCT LEAKAGE TEST SHALL BE PERFORMED AND VERPRED AS HAVING A SEAL CLASS C. DUCT TAPE WILL NOT BE ACCEPTABLE.

CONTROL OF STATE OF SETTED TO MEET 2. PRESSURE
SHALL BE CONSTRUCTED AND SEALED TO MEET 2. PRESSURE
CONTROLORS NATIONAL ASSOCIATION SHOOTH.
WANNEES, CONSTRUCTION AND INSTALL FAND AIR CONDITIONING
SHEET METAL AND SHALL BE INSTALLED IN HEAT NOW MORKWARMINE
SHEET METAL AND SHALL BE INSTALLED IN HEAT AND AIR CONSTRUCTION
DUCTWORK SHALL BE TO SHALL BE CONSTRUCTED OF BEST UNLITY GRAVANI ED

PERFORM THE BUILDING LEARAGE TEST PER TECS 2009 SEC 402.4.1.2. THE AIR LEARAGES THALL NOT EXCEED 5 AIR CHANGES PER HOUR, THIS TEST SHALL BE PERFOYNED BY A CERTIFIED AIR BALANCE COMPANY WHEN THE BUILDING IS SEADY FOR OCCUPANICY.

HAN 1/6" WIDE, FIRST APPLY A LAYER OF FIBRE GLASS MESH TAPE, COMPLY FOR THE REPORT OF THE PROPERTY OF THE PROPERTY

WITH WELF RESIDENCE OF STREET BY WATH WELF BEITH AND SCHOOL FILM AND BACKED WITH A PROJECT OF ALTONIA WHICH EVEN HELF FOR \$-30.FE OF \$1.000 BACKED WITH A PROJECT OF STREET BE WARM CHIECK SILVER WHITH TAKES WELF STREET FOR \$-30.FE OF \$1.000 BACKED WITH A FERSION STREET STREET FOR \$-30.FE OF \$1.000 BACKED WITH A FERSION STREET STRE

ACTOR OF 0,27 OR LESS AT 75 F MEAN TEMPERATURE, ARMACELL PRO BY TYPE III PLEXIBLE ELASTOMERIC THERMAL INSULATION WITH A "K" A WITH WATER VAPOR JAMASION OF 0.17 PERM IN WITH A "K"

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JHE EXLENDIS SHEVCE INTERS OLHERWISE NOLED CERTIFILE OR

OMENS CORNING YEACHTEX DICLTINES WHERE DICLMONSK IS

OMENS CORNING YEACHTEX DICLTINES WHERE DICLMONSK IS

LIVED TO THE CONTROL OF THE CONTROL OR THE ORDER

METERS OF THE ORDER OF

ALL SERVICE DUCT WRAP, CUT INSULATION TO STRETCH OUT TYPE I GLASS FIBER, R& DUCT WRAP, FACED WITH A REQUES FACING AND REINFORCED ALUMINUM FOIL KRAFT WITH VAPOR BARRIER FACING AND

PROVIDE INSULATION FOR DUCTWORK, PIPING, AND E UIPMENT OF PIPING AND EUROVIDES AND FULL HAVE CONTINUOUS WORK BARRIER PREEM, INSULATION HE THEIR CONTINUOUS WORK BARRIER PARLL HENGEN RECOMMEND/TIONS, A FLAME SPREAM PARLL HE BANDHAREYS RECOMMEND/TIONS, A FLAME SPREAM PARLL HE WAND HAVEL BE FRONTING WENT ON WELL HAVE WONE OF THE WAND HAVEL BE ARMORTHAVE WONE OF THE WAND FOR THE WAND HAVE BE ARMORTHAVE WONE OF THE WAND FOR THE WAND HAVE BE ARMORTHAVE WONE OF THE WAND FOR TH

IMENSIONS AS RECOMMENDED BY MANUFACTURER,

MOTTUBIRTZIQ RIA

SEAL DUCTS TRANSVERSE JOINTS WITH UL LISTED LI UID OR MASTIC SEALING RE UIREMENTS

CRITERIA OUTLINED IN YIK BARRIER AND INSULATION INSTALLATION TABLE' ON THE INSTALL AIR BARRIERS, INSULATION AND OTHER COMPONENTS OF THE BUILDING. IERMAL ENVELOPE ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND THE

ASTALLED IN ALTIC

CEAR FOR OFFSET DAMPER POSITION,

MANUFACTURED BY 3M WHEREVER PVC PIPE PENETRATES FIRE RATED

FERROUS AND NON FERROUS PIPING, WATTS, EPCO OR E UAL ONIONS: PROVIDE DIELECTRIC UNIONS AT CONNECTIONS BETWEEN

PIPING SPECIALTIES

4 ALL ROOF PENETRATING SHALL BE FLASHED...

DESIGNED FOR THIS PURPOSE, AT 18" INTERVALS, THE REFRIGERANT SUCTION AND LI UID LINES, THERMOSTAT WINDLE AND POWER WIRING SHALL ALL BE RUN TOGETHER IN A TIGHT BUNDLE OF THE WINTER AND SPECIFICALLY STREAMS IS

ВЕ САЛГКЕО AND SEALED WATERTIGHT $^{\circ}$ AIT bibe reneltantions of exterior walls and foundation walls $^{\circ}$ alto beginnes shall see senetations of exterior walls and foundation walls $^{\circ}$

COMBORYLION OR MADEONE E RIVE

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AND BE NAED' HANGERS WID VECESOBIES 2HVIT BE L: W

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BIDE HANGER WID 2016-0842: CTEALS OR SEI'LL KING LABE SEYCING

BIDE HANGER WID 2016-0842: CTEALS OR SEI'LL KING LABE SEYCING CORPORATION OR APPROVED E UAL.

SASIC MATERIALS AND METHODS

CORRECTED AS NECESSARY, 16.11 ALL E UIPMENT SHALL BE TESTED FOR PROPER OPERATION AND

AND MAINTENANCE INSTRUCTIONS FOR ALL E UIPMENT THREE MAINTENANCE AND INFORMATION MANUAL SHALL BE PREPARE ABUNCAL SHALL INCLUDE COPIES OF ALL SHOP DRAWINGS, WRITTEN MANUAL SHALL INCLUDE COPIES OF ALL SHOP DRAWINGS, WRITTEN COPERATION, SHART SHEEP, SHOUDRY, ILST, SERVICES AND MAINTENANCE INSTITUTIONS, PART SHEEP, SHEEP SHALL SHOWENT.

14. THE CONTRACTOR SHALL INSTRUCT THE OWNER IN THE OPERATION AN MAINTENANCE OF ALL COMPONENTS OF THE INSTALLATION.

NOITAJUSNI 6 E DUCTWORK

* HAVC E DIPMENT

KE DIKEMENTS SHALL BE COOKDINATED WITH THE ELECTRICAL 12. ALL E UIPMENT RE UIRING ELECTRIC POWER SHALL BE SUITED FOR USE WITH THE POWER TO BE SUPPLIED. ALL ELECTRICAL

11. THE CONTRACTOR SHALL GUARANTEE THE ENTIRE INSTALLATION TO BE RREE FROM DEFECTS FOR OUR FEAR FROM THE BATE OF ECCEPTANCE BY THE OWNER, MY DEFECTS OCCURRING DURING THE GUARANTEE PENIOD SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.

TO STRUCTIONS FROM THE ARCHITICAL INSTALLIONS BOON JHE PROMILECT HER AVECENCE

MENT NOT SHOCKEED MITH WAS MORK FULLED HE HAS RECEIVED

MECONEE ON RESPILIE HE FEST SHOWN SHO YORK IS IN ANY WAY DEPENDENT UPON, SHOULD THE CONTRACTOR 0. EXAMINE ALL SERVICES, E. UIPMENT, SURFACES ETC., WHICH THIS

WITH THE MANUFACTURER'S RECOMMENDATIONS. 8 UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL E. UIPMENT SHALL BE NEW AND SHALL BE INSTALLED IN STRICT CONFORMANCE.

7. THE CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH THE GENERAL CONTRACTOR AND THE WORK OF THE OTHER DISCIPLINES.

6. THE CONTRACTOR SHALL ORDER AND OBTAIN ALL NECESSARY TESTS, PERMITS AND CERTIFICATES OF APPROVAL AND PAY ANY RE UIRED FEES FOR SAME.

A MANNEK APPROVED BY THE ENGINEER. ALL THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATER WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATER APPLICABLE. EDITIONS OF INTERNATIONAL PROMISE SHALL WITHOUT HALL PPILICABLE. LAND, GOODENANCE WITH ALL APPLICABLE. LAND, GOODENANCE WITHOUT SHALL APPLICABLE. LAND, GOODENANCE ON THE ENCORDING AND THE WORLD SHALL SHAL

WORK SHALL BE PROTECTED AT ALL TIMES FROM DAMAGE BY PERSONS OR WEATHER AND ALL DAMAGED WORK RESTORED TO A NEW CONDITION BEFORE FINAL ACCEPTANCE.

NOT BE ACCEPTED OR CONSIDERED. ACK OF KNOWLEDGE OF EXISTING CONDITIONS AT THE SITE WILL

RESPONSIBILITY OR RE UEST FOR ADDITIONAL PAYMENT BASED ON 3. THE CONTRACTOR SHALL EXAMINE THE DRAWINGS, SPECIFICATIONS CONDITIONS AND WORK RE LINED BY THE DRAWINGS AND SPECIFICATIONS BEFORE SUBMITTING HIS BID, WANGER OF DRAWINGS AND INCOMPLET BY THE ENAMINES AND SPECIFICATIONS BEFORE SUBMITTING HIS BID, WANGER OF

2. THE GENERAL AND SPECIAL CONDITIONS ARE DOCUMENT A 201 SHALL
ONGERY THIS WORK TO THE EXTENT THAT THE THEY WHAT THE YOUNG ARE COMPLEMENTARY TO EACH
OTHER MIN WHAT IS CALLED FOR BY ONE SHALL BE BINDING AS IF
ONE OF BY BOTH

THE WORK SHALL INCLUDE, FURNISHING AND INSTALLING ALL SHOWN ON THE FLOOR PLANS AND AS SPECIFIED HEREIN,

AVAC SPECIFICATIONS

MECHANICAL SPECIFICATIONS

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EXHAUST FAN SCHEDULE

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2A-011-d2 SREENHECK SREENHECK

FEXIBLE CONNECTION

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E FAN SECTION

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UTE 000,SI	400RCQB12H-3	s-uat	3	5.01	12.4	SI	UT8 002,SP	UT8 000,4£	51/32	508/1/60	D222-I
UTA 000,SI	40@BC@BISH-3	E-UCT									

MULTI-ZONE DUCTLESS SPLIT SYSTEM

BASIS OF DESIGN	TRANE 4YCY4042B1096B
5.58	ÞT
UNIT DPERATING WEIGHT (LBS.)	700
HAXIMUM FUSE AMPS	20
MINIMUM CIRCUIT AMPS	20
PULL LOAD AMPS	312
CONDENSER FAN HP (EA)	† /∏
NO DE CONDENSES LANS	1.
COMPRESSOR RLA/LRA	501/961
NO DE CONSKEZZOKZ	L
ЗЛРРГҮ FAN НР	₱/E
STA3H\32AH9\30ATJUV	508/1/60
CAUTRO TUMTUD 2A0	35 MBH
(HUTE) TUMI 2AD	40 MBH
SENSIBLE COOLING (BTUH)	32,630 (BTUH)
TOTAL COOLING (BTUH)	(HUTB) 000,04
LAT. (*F DB/VB)	(EW/EI 7-88) JAJ
E.A.I. C'F. DB/VB)	E.A.T. (90°F DB/VB)
CLA.T. (*F DB/VB)	CAL (90°F DB/VB)
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N-FA WAR A-C	1700
SA FAN ESP. CN. V.G.)	pi :
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AIR FLOV (CONSTANT)	1300
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	3NAST	SERVICE LIBER
	09 / 1 / 802	TH \ BSAHG \ BDATJOY
1	52	JULY MICP
	190	CUDENZER FAN FLA
TEMPERATURE.	6-81	COMPRESSOR LRA / RLA
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DISCHARGE OUTDOOR ON GRADE,	'Sq1 621	190137
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CONDENSATE PUMP.	CAMSBOALBRILISE	SERVIN TEGE
2 PROVIDE INTERLOCKED	TRANE	WALL ACTURER
EDB AND DUTDOOR 15*F D	VERTICAL UPFLUV	MULTARUSTAND
BASED ON INDOOR 70°F	DISPOSABLE	3971 831 113
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EDB, 67°F EVB AND	09 / 1 / 802	TH 1 32MM 1 3DAT JOY
3*08 ADDON INDOOR 80*F	7.5	LECTRIC HEATER KV
3 COOLING CAPACITIES ARE	6/1	SAN MOTOR H.P.
.TATE THERMUSTAT.	2.0	CAN UN VG)
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2 PROVIDE 24/7	065	KAD AZ
I PROVIDE FILTER RACK.	.H. 181	AREA SERVED

GAS ROOFTOP UNIT SCHEDULE

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	GRADE,		
	DISCHARGE DUTDOOR ON	150 (62)	1
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ı	CONDENSATE PUMP.	CAHSBOALBUISE	SCHOOL STREET
ı	2 PROVIDE INTERLOCKED	39/81	ACTURER
Н	EDB AND DUTDOOR 15*F DB.	VERTICAL UPFLIDA	GURATION
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ı	EDB' 67.F EVB AND	09 / 1 / 802	TH / 32AHG / 3DA
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ı	3 COOLING CAPACITIES ARE	6/1	OTDR H.P.
П	STATE THERMUSTAT.	5.0	CIA NO
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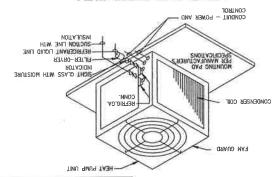
	FLOOR REGISTER	FR		
	WALL REGISTER	AW		
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	AND DRYER			District Co.
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COMPONENT	AIRER CRITERIA	NOTTALLATION INSULATION
General Requirements count	A continuous air banter shall be installed in the building envelope. Exterior thermal envelope shall contain a envelope shall contain the burier. Breake or joints in the sir burier shall be senled	Jeirstem gniles» e za beeu ed ton Befa nobeluzni eldezarreg-uiA
Ceiling / attic Sealing	The air barder in any dropped ceiling/soffit shall be aligned with the intuition and any gaps in the air barner cealed. Access openings, drop down assir or trace wall doors to unconditioned aftic spaces shall be sealed.	The laculation in any dropped celling/solff shall be allgned with the sic harder.
Junci Junci	Junctions of the foundation and sill plate shall be sealed. Innecions of the top plate and top of exterior walls shall be sealed. Knee walls shall be sealed.	Cornects and headers shall be inculated, Exterior thermal envolope insulation for framed walts shall be installed in substantial contact and continuous alignment with the sir barrier.
WHENDWS, SETTIFFIED AND ADMAN	The space between window/done jambs and framing, and skylights and framing shall be scaled.	
Rim Joists Rim	Rim Joists shall include the air barrier.	Rim joists shall be insulated.
	The sit harrier shall be installed at any exposed edge of installed.	Insulation shall be installed to maintain permanent contact with underside of subfloor deciting.
Crawl space walls with	Exposed carth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided in lieu of floor insulation, insulation shall be permanently attached to the crawlepace walls.
Shafts, peneurations to ex	Duct shaffs, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.	The same of the sa
eshivan worack		Batts in narrow cavities shall be cut to fit, no narrow covities shall be filled by insulation that on installation readily conforms to the available cavity space.
	Air scaling shall be provided between the garage and conditioned spaces.	
	Recessed light fixtures installed in the building incrnual envelope shall be sealed to the drywalf.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.
gniriw bac gaidmulf	-	Bar insulation shall be cut neatly to fit around wring and plumbing; in exterior walls, or insulation that on installation teadily conforms to available space shall extend behind piping and wiring.
work use on successive use the day the work	and rubs.	Exterior walls adjacent to showers and tabs shall be insulated.
	The air barrier shall be installed behind electrical or communication boxes, or air sealed boxes shall be installed.	
NA AC INSCRICT DOOR	HVAC reguster boots that percente building thermal envelope shall be sealed to the subfloor or drywall,	
	An air barrier shall be installed on ineplace walls. Fireplaces shall have gasketed doors.	

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ACU-HIP UNIT DETAIL (TYP.)

NOTALLATION INSULATION INSTALLATION



Sele 11th St. NW Vashington, DC 20010 3616 11th St.

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MECHANICAL NOTES

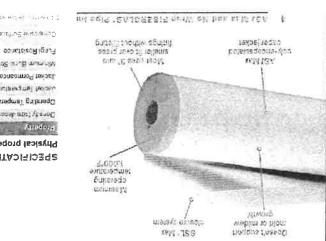
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REFRIFERATION PIPING INSULATION DETAIL



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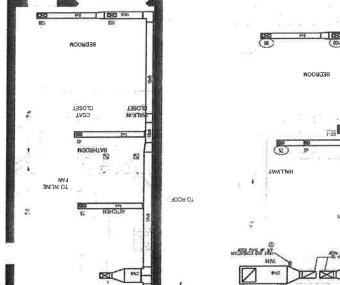
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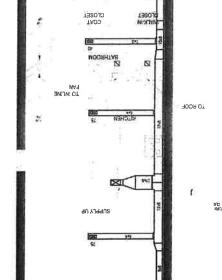
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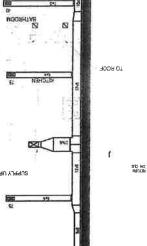
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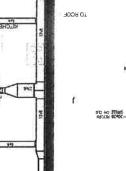


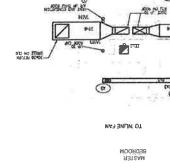
A002 SCALE: 3/18=1'-0"

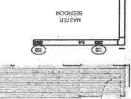
3 MECHANICAL PLAN

SECOND FLOOR

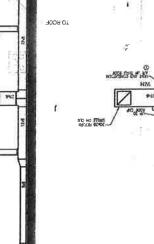


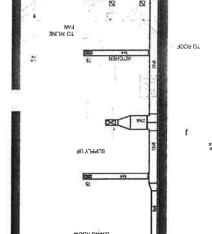


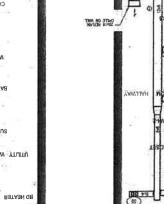




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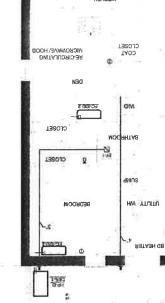
2 MECHANICAL PLAN

FOYER

FIRST FLOOR-

BX0 FAMILY ROOM

CLOSET





CERTIFICATIONS & SUSTAINABILITY

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DUCTWORK INSULATION DETAIL

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LIVING ROOM

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STANDARDS & CODES COMPLIANCE

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MECHANICAL PLANS

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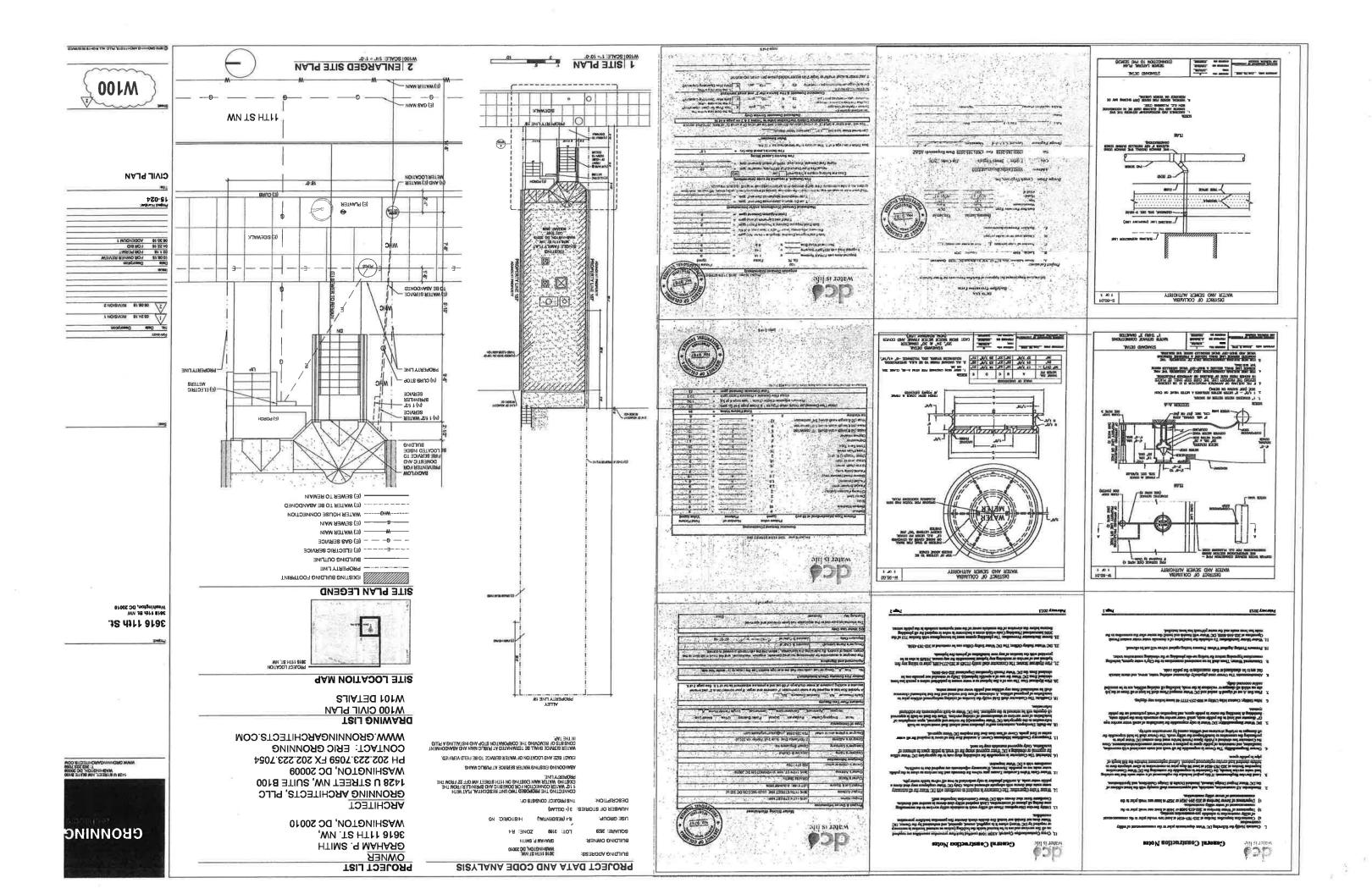
OS 24 16 PERMIT COMMENTS



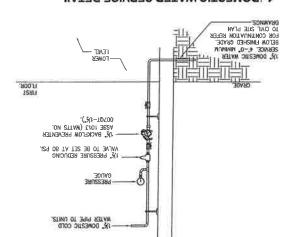
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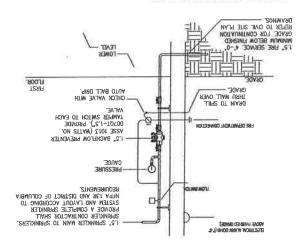
3616 11th St.



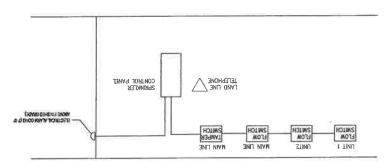
1 DOMESTIC WATER SERVICE DETAIL



2 FIRE SERVICE DETAIL



3 SPRINKLER RISER DIAGRAM



DETAILS

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