

SITE PLAN
9cals: 1'=10'-0'

CONTROLLED INSPECTIONS

WELDING HIGH STRENGTH BOLTS TABLE 10-2 REINFORCED MASONRY TABLE 10-2 MASONRY UNITS RSIO-3 3.2 27-603 ALL CONCRETE CONCRETE DESIGN MIX 27-605 CONCRETE TEST CYLINDERS 27-607a (1) TPPN #2/00 LIGHT GAGE COLD-FORMED STEEL 27-723,Dirc 15/71

SITE PLAN NOTES:

SANITARY DISPOSAL INFORMATION NOT SHOWN ON THIS PLAN SEE APPROVED BUILDERS PAVEMENT PLAN FOR ALL SIDEWALK, CURB, \$ STREET IMPROVEMENTS NOT SHOWN ON THIS PLAN

SEE APPROVED SANITARY & STORM DRAINAGE PLAN FOR ALL STORM &

PROPOSED CONSTRUCTION WILL NOT HAVE ANY EFFECT ON EXISTING STRUCTURES OR SURFACE FACILITIES LOCATED ON ADJACENT LOTS. OWNER/BUILDER OF THE REFERENCED PROPERTY STATE THAT WORK DONE UNDER THIS APPLICATION WILL HAVE NO ADVERSE EFFECT ON ANY SURROUNDING PROPERTIES CONCERNING STORM WATER DRAINAGE MOREOVER, HE WILL BE RESPONSIBLE TO MAKE CERTAIN THAT WHILE THE WORK IS BEING DONE, THE SURROUNDING PROPERTIES WILL BE PROTECTED FROM STORM WATER DRAINAGE. FINAL SURVEY TO SHOW GRADES AT ALL POINTS WHERE PROPOSED GRADES ARE SHOWN ON PLAN.

EXISTING FIRE HYDRANT TO BE LOCATED WITHIN 250,00' OF BUILDING

ENTRY AS PER SECTION 27-948 OF THE N.Y.C. BUILDING CODE

CONSTRUCTION INSPECTOR TO BE NOTIFIED TO VERIFY COMPLETION OF FLAT WORK BEFORE FINAL SURVEY IS TAKEN OWNERS STRUCTURAL ENGINEER SHALL VERIFY STABILITY & INTEGRITY OF SOIL, ADJACENT BUILDINGS, & FOUNDATIONS PRIOR TO ANY CONSTRUCTION WATER METERS SHALL BE INSTALLED IN ACCORDANCE WITH ANY N.Y.C. AGENCY HAVING JURISDICTION, LOCAL LAW 53/85

PARKING CALCULATIONS AS PER SEC. 25-31 Z (ZONING RESOLUTION) NO PARKING REQUIRED

GENERAL DATA HOUSE # 351 SAND LANE BLDG. DEPT. APPLICATION # 500..... CI-l in R3-2 USE GROUP OCCUPANCY GROUP CONSTRUCTION CLASS 33,8' BUILDING HEIGHT SPECIAL DISTRICT INSIDE FIRE DISTRICT INSIDE FLOOD HAZARD ZONE AE (ELE 10.0) OUTSIDE SOUTH RICHMOND OUTSIDE FRESHWATER WETLANDS OUTSIDE D.O.S.

ZONING CALCULATIONS

OUTSIDE PARK STREET/ARTERIAL

EXISTING PROPOSED TOTAL 3,837 S.F. 2,378 S.F. 6,215 S.F. LOT AREA FLOOR AREA 2444 S.F. | 1364 S.F. | 3,808 S.F. | 2,380 S.F. | 1,364 S.F. | 3,144 S.F. CELLAR (not included) FIRST FLOOR (less 325 sf mh space) 1,432 S.F. 961 S.F. 2,393 S.F. SECOND FLOOR TOTAL ELOOR AREA (NET 0.98 < 1.0 % 0. F.A.R. (NET LO MAX.)

500778278

DEPT. OF BLDGS.

FIELD

FLOOD PLANE CALCULATION

Base flood elevation AE - elevation 10

PREPARED BY WHOL & O'MARA

10 - 3.192 (national geodetic vertical datum) = 6.8 min first floor Proposed First Floor elevation @ <10.0> SANITARY AND STORM WATER:

REFER TÖLSANITARY AND STORM WATER PLAN

EXISTING UTILITY POLE

777777777 EXISTING EDGE OF PAVEMENT

SITE LEGEND [] LEGAL GRADE < > PROPOSED GRADE () EXISTING GRADE PTW (... > PROPOSED TOP OF WALL PBW <...> PROPOSED BOTTOM OF WALL PROPOSED YARD DRAIN PROPOSED RETAINING WALL PROPOSED CONCRETE CURB WALL associates architects,

The architect shall not have control or charge of

methods, deviations, techniques, sequences, or

in connection with the work, for the acts or omissions of the contractor, subcontractors or any

and shall not be responsible for construction means,

procedures, or for safety precautions and programs.

other persons performing any of the work, or for

the failure of any of them to carry out the work in

accordance with the contract documents. Always

use dimensions as shown. Drawings are not to be

Revisions

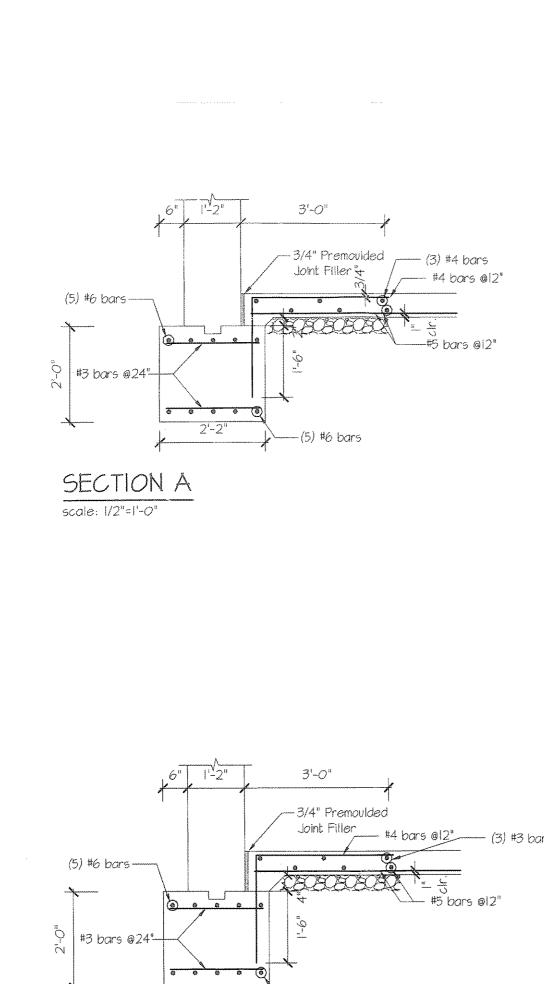
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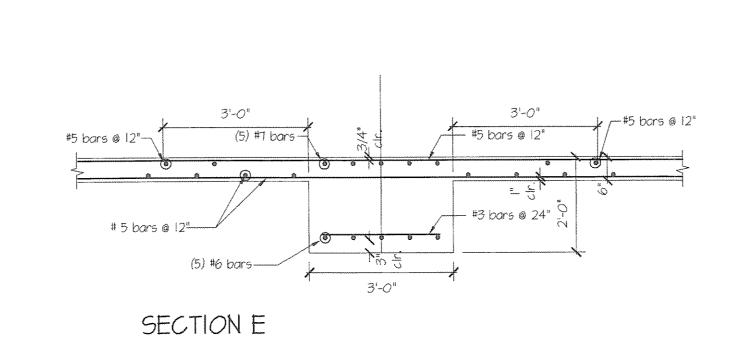
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drawn by: checked by:

I project: 05018



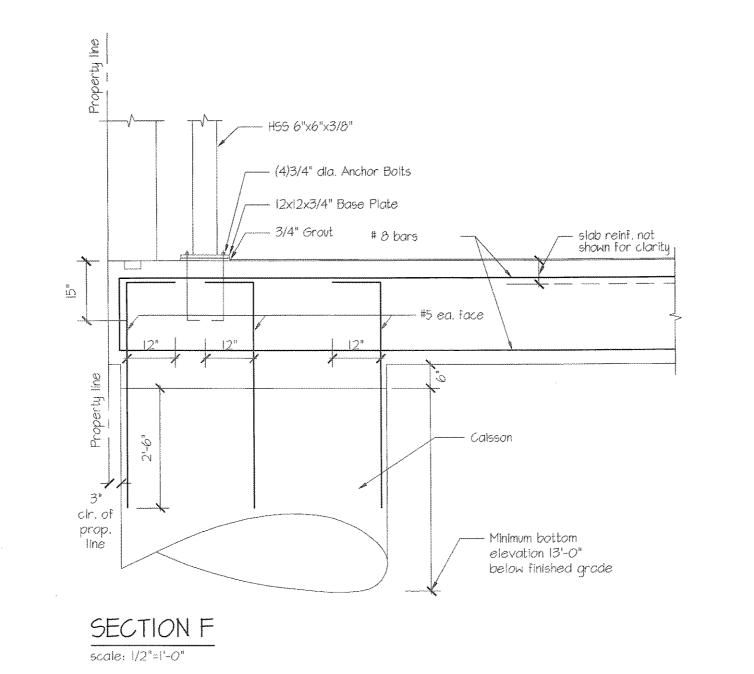


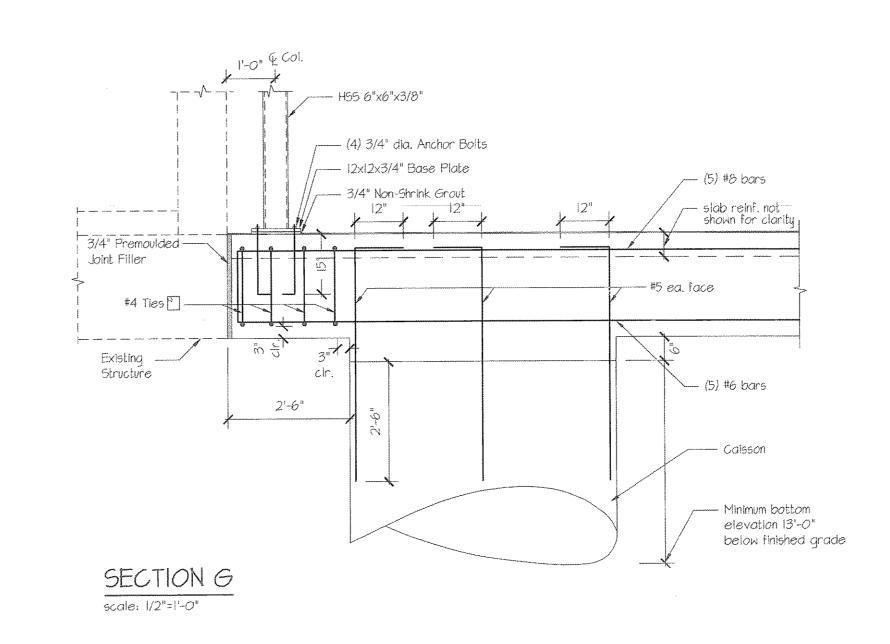
/- Minimum bottom elevation 13'-0" below finished grade

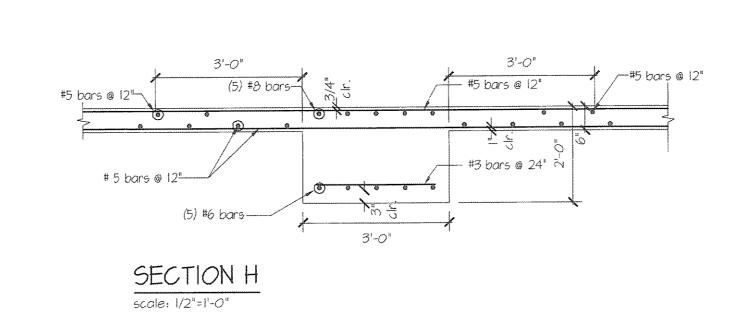
(3) #5 bars ea. face——

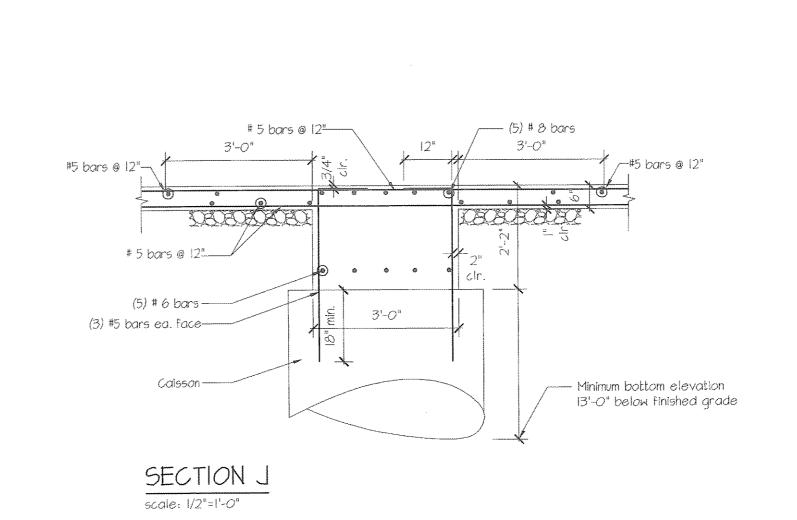
SECTION D
scale: 1/2"=1'-0"

scale: 1/2"=1'-0"

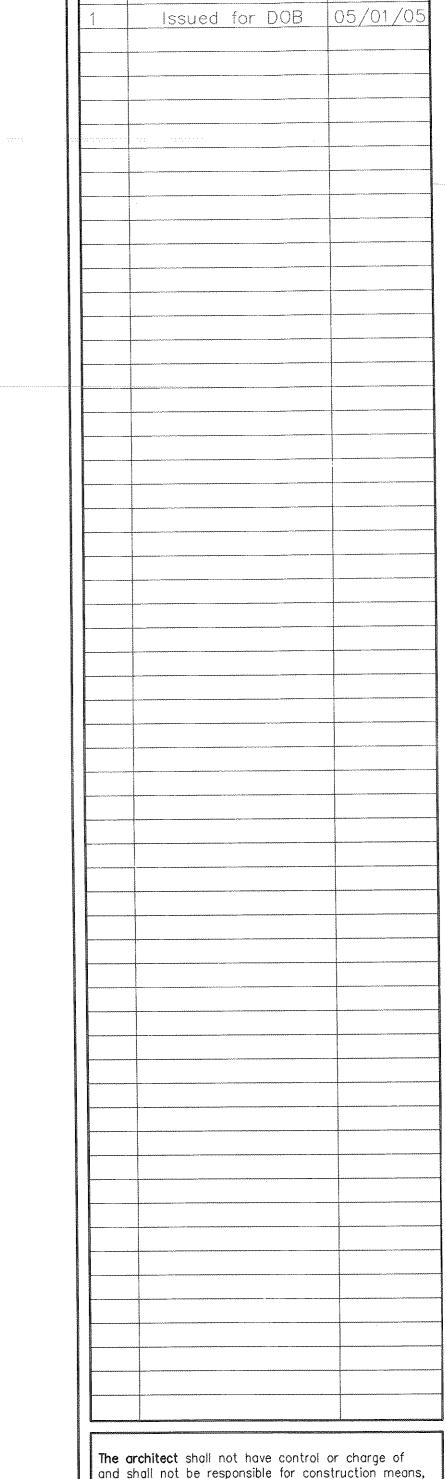






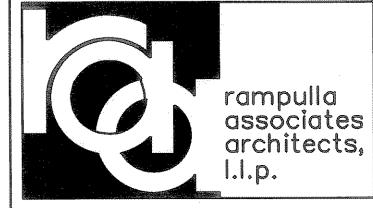




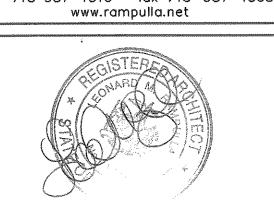


Revisions

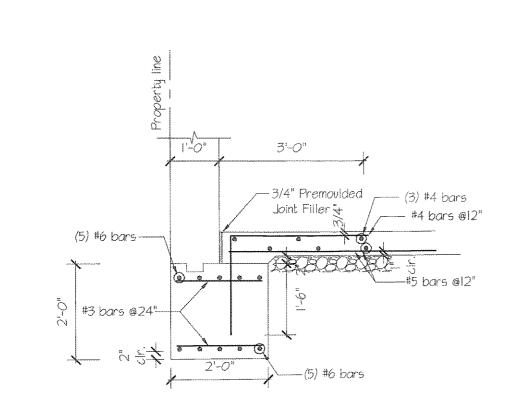
The architect shall not have control or charge of and shall not be responsible for construction means, methods, deviations, techniques, sequences, or procedures, or for safety precautions and programs in connection with the work, for the acts or omissions of the contractor, subcontractors or any other persons performing any of the work, or for the failure of any of them to carry out the work in accordance with the contract documents. Always use dimensions as shown. Drawings are not to be



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COMMUNITY FACILITY NE YORK	PILE CAP SECTIONS AND DETAILS
project title: ALTERATION TO COMMUNIT 35 I SAND LANE STATEN ISLAND, NEW YORK	sheet title : PILE CAP SEC
drawn by: checked by:	



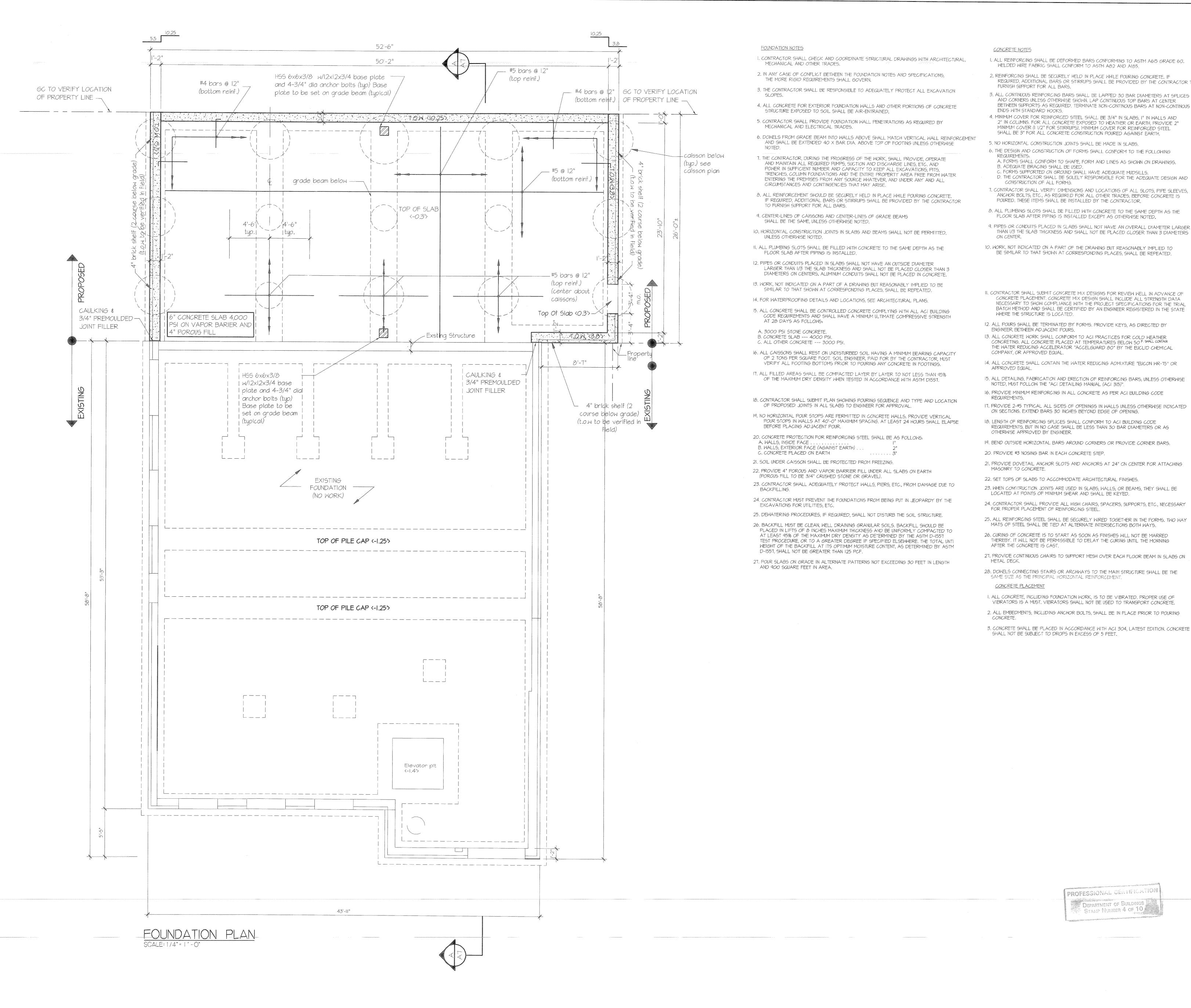
/-- Minimum bottom elevation 13'-0"

below finished grade

SECTION C scale: 1/2"=1'-0"

Caisson —

SECTION B scale: 1/2"=1'-0"



CONCRETE NOTES I. ALL REINFORGING SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A82 AND A185. 2. REINFORCING SHALL BE SECURELY HELD IN PLACE WHILE POURING CONCRETE, IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS. 3. ALL CONTINUOUS REINFORCING BARS SHALL BE LAPPED 30 BAR DIAMETERS AT SPLICES AND CORNERS UNLESS OTHERWISE SHOWN, LAP CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AS REQUIRED. TERMINATE NON-CONTINOUS BARS AT NON-CONTINOUS

ENDS WITH STANDARD HOOKS. 4. MINIMUM COVER FOR REINFORCED STEEL SHALL BE 3/4" IN SLABS, I" IN WALLS AND 2" IN COLUMNS, FOR ALL CONCRETE EXPOSED TO WEATHER OR EARTH, PROVIDE 2" MINIMUM COVER (1 1/2" FOR STIRRUPS). MINIMUM COVER FOR REINFORCED STEEL SHALL BE 3" FOR ALL CONCRETE CONSTRUCTION POURED AGAINST EARTH.

6. THE DESIGN AND CONSTRUCTION OF FORMS SHALL CONFORM TO THE FOLLOWING A. FORMS SHALL CONFORM TO SHAPE, FORM AND LINES AS SHOWN ON DRAWINGS. B. ADEQUATE BRACING SHALL BE USED. C. FORMS SUPPORTED ON GROUND SHALL HAVE ADEQUATE MUDSILLS.

CONSTRUCTION OF ALL FORMS. 7. CONTRACTOR SHALL VERIFY DIMENSIONS AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, ANCHOR BOLTS, ETC., AS REQUIRED FOR ALL OTHER TRADES, BEFORE CONCRETE IS POURED. THESE ITEMS SHALL BE INSTALLED BY THE CONTRACTOR.

8. ALL PLUMBING SLOTS SHALL BE FILLED WITH CONCRETE TO THE SAME DEPTH AS THE FLOOR SLAB AFTER PIPING IS INSTALLED EXCEPT AS OTHERWISE NOTED.

9. PIPES OR CONDUITS PLACED IN SLABS SHALL NOT HAVE AN OVERALL DIAMETER LARGER THAN 1/3 THE SLAB THICKNESS AND SHALL NOT BE PLACED CLOSER THAN 3 DIAMETERS

IO. WORK, NOT INDICATED ON A PART OF THE DRAWING BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES, SHALL BE REPEATED.

II. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW WELL IN ADVANCE OF CONCRETE PLACEMENT, CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR THE TRIAL BATCH METHOD AND SHALL BE CERTIFIED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE STRUCTURE IS LOCATED.

12. ALL POURS SHALL BE TERMINATED BY FORMS. PROVIDE KEYS, AS DIRECTED BY

ENGINEER, BETWEEN ADJACENT POURS. 13. ALL CONCRETE WORK SHALL CONFORM TO ACI PRACTICES FOR COLD WEATHER CONCRETING, ALL CONCRETE PLACED AT TEMPERATURES BELOW 50 F. SHALL CONTAIN THE WATER REDUCING ACCELERATOR "ACCELGUARD 80" BY THE EUCLID CHEMICAL COMPANY, OR APPROVED EQUAL.

14. ALL CONCRETE SHALL CONTAIN THE WATER REDUCING ADMIXTURE "EUCON WR-75" OR APPROVED EQUAL.

15. ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE "ACI DETAILING MANUAL (ACI 315)". 16. PROVIDE MINIMUM REINFORCING IN ALL CONCRETE AS PER ACI BUILDING CODE

17. PROVIDE 2-#5 TYPICAL ALL SIDES OF OPENINGS IN WALLS UNLESS OTHERWISE INDICATED

18. LENGTH OF REINFORCING SPLICES SHALL CONFORM TO ACI BUILDING CODE REQUIREMENTS, BUT IN NO CASE SHALL BE LESS THAN 30 BAR DIAMETERS OR AS OTHERWISE APPROVED BY ENGINEER.

19. BEND OUTSIDE HORIZONTAL BARS AROUND CORNERS OR PROVIDE CORNER BARS. 20. PROVIDE #3 NOSING BAR IN EACH CONCRETE STEP.

21. PROVIDE DOVETAIL ANCHOR SLOTS AND ANCHORS AT 24" ON CENTER FOR ATTACHING MASONRY TO CONCRETE.

22. SET TOPS OF SLABS TO ACCOMMODATE ARCHITECTURAL FINISHES. 23. WHEN CONSTRUCTION JOINTS ARE USED IN SLABS, WALLS, OR BEAMS, THEY SHALL BE LOCATED AT POINTS OF MINIMUM SHEAR AND SHALL BE KEYED.

24. CONTRACTOR SHALL PROVIDE ALL HIGH CHAIRS, SPACERS, SUPPORTS, ETC., NECESSARY FOR PROPER PLACEMENT OF REINFORCING STEEL.

25, ALL REINFORCING STEEL SHALL BE SECURELY WIRED TOGETHER IN THE FORMS. TWO WAY MATS OF STEEL SHALL BE TIED AT ALTERNATE INTERSECTIONS BOTH WAYS.

26. CURING OF CONCRETE IS TO START AS SOON AS FINISHES WILL NOT BE MARRED THEREBY. IT WILL NOT BE PERMISSIBLE TO DELAY THE CURING UNTIL THE MORNING

AFTER THE CONCRETE IS CAST. 27. PROVIDE CONTINUOUS CHAIRS TO SUPPORT MESH OVER EACH FLOOR BEAM IN SLABS ON METAL DECK,

28. DOWELS CONNECTING STAIRS OR ARCHWAYS TO THE MAIN STRUCTURE SHALL BE THE SAME SIZE AS THE PRINCIPAL HORIZONTAL REINFORGEMENT.

CONCRETE PLACEMENT I. ALL CONCRETE, INCLUDING FOUNDATION WORK, IS TO BE VIBRATED, PROPER USE OF

VIBRATORS IS A MUST. VIBRATORS SHALL NOT BE USED TO TRANSPORT CONCRETE. 2. ALL EMBEDMENTS, INCLUDING ANCHOR BOLTS, SHALL BE IN PLACE PRIOR TO POURING

3. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304, LATEST EDITION. CONCRETE SHALL NOT BE SUBJECT TO DROPS IN EXCESS OF 5 FEET.

PROFESSIONAL CERTIFICATION

DEPARTMENT OF BUILDINGS TO STAMP NUMBER 4 OF 10

The architect shall not have control or charge of and shall not be responsible for construction means. methods, deviations, techniques, sequences, or procedures, or for safety precautions and programs in connection with the work, for the acts or omissions of the contractor, subcontractors or any other persons performing any of the work, or for the failure of any of them to carry out the work in

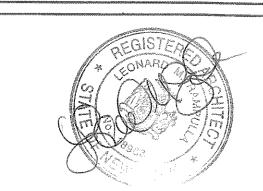
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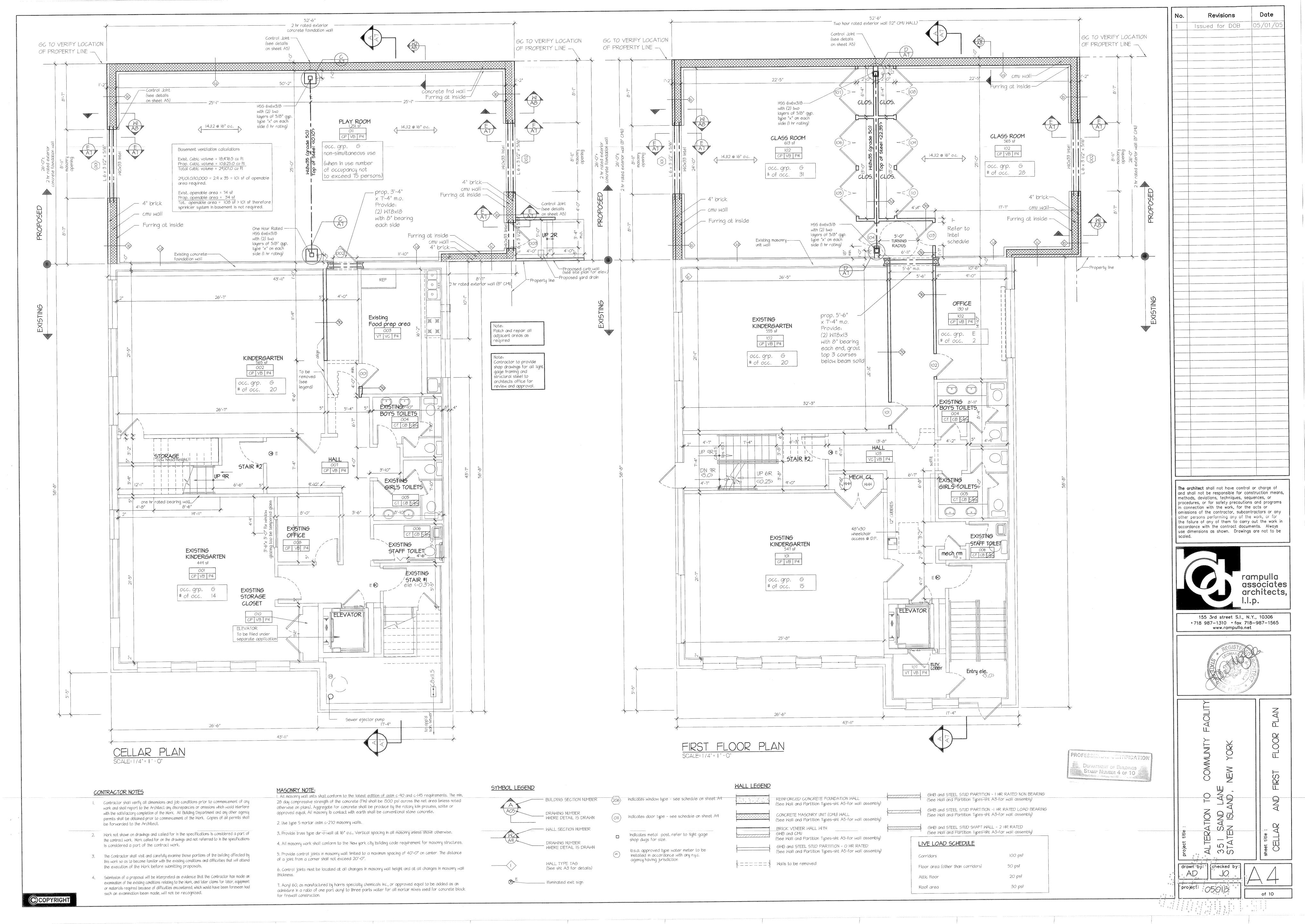
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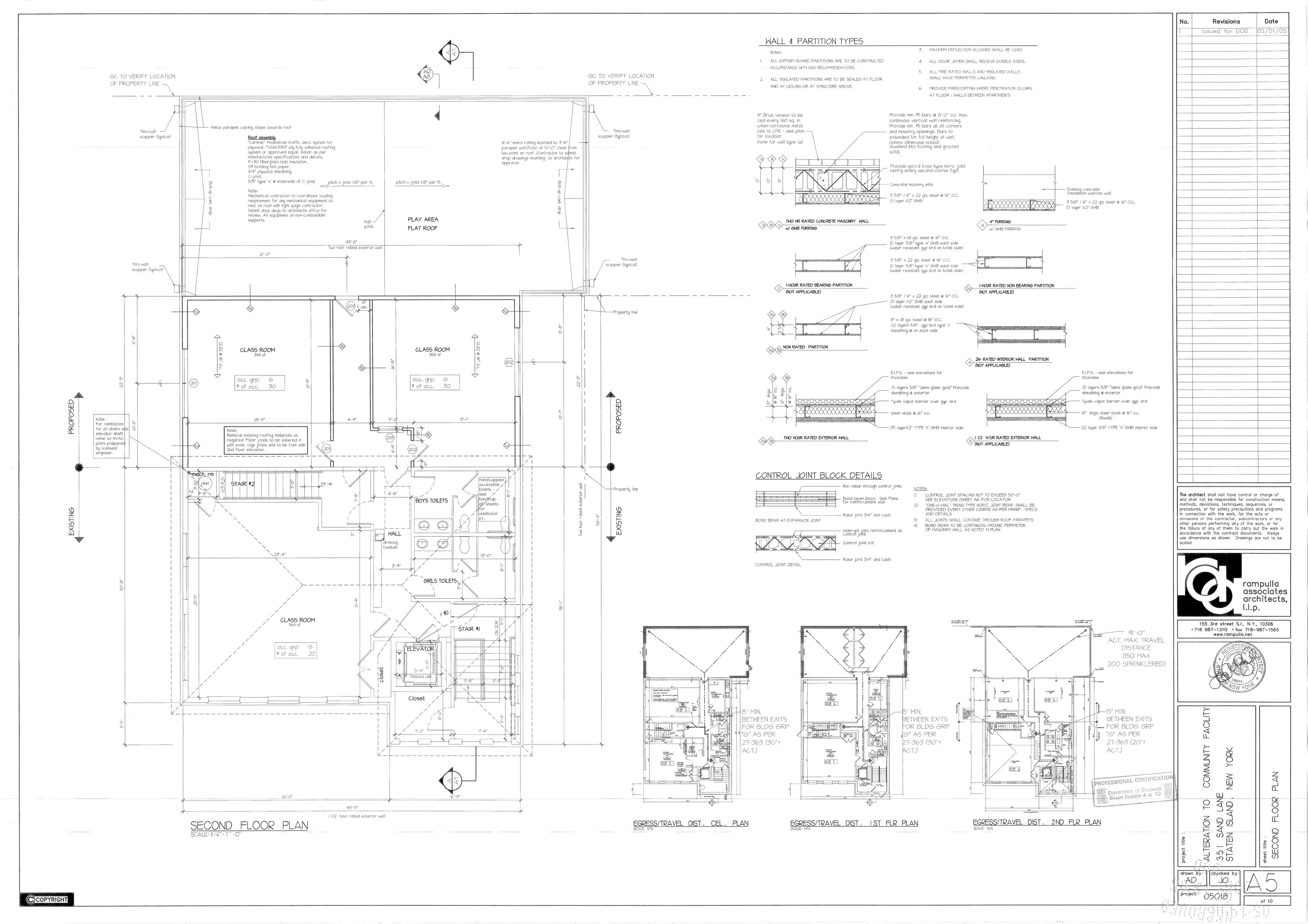
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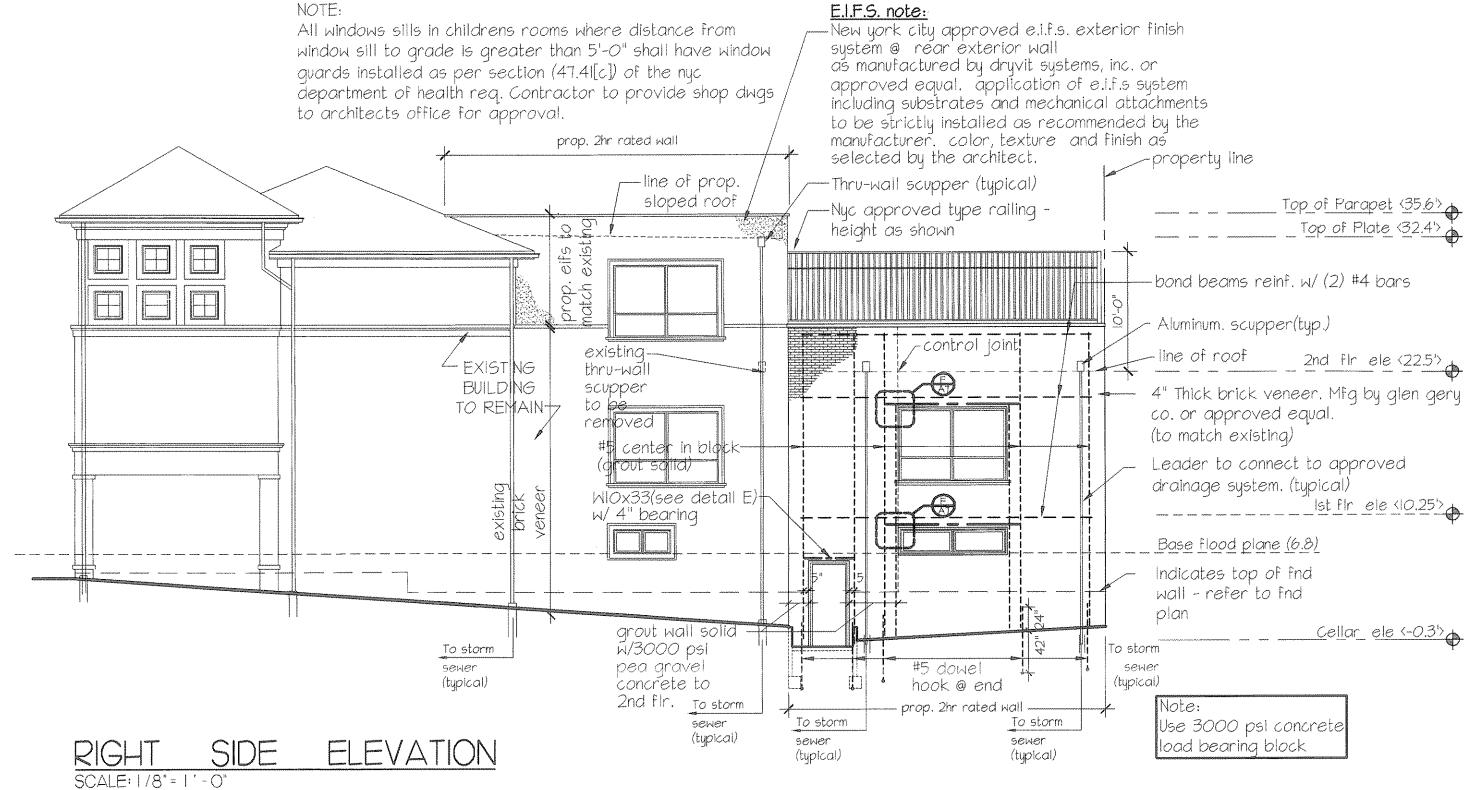
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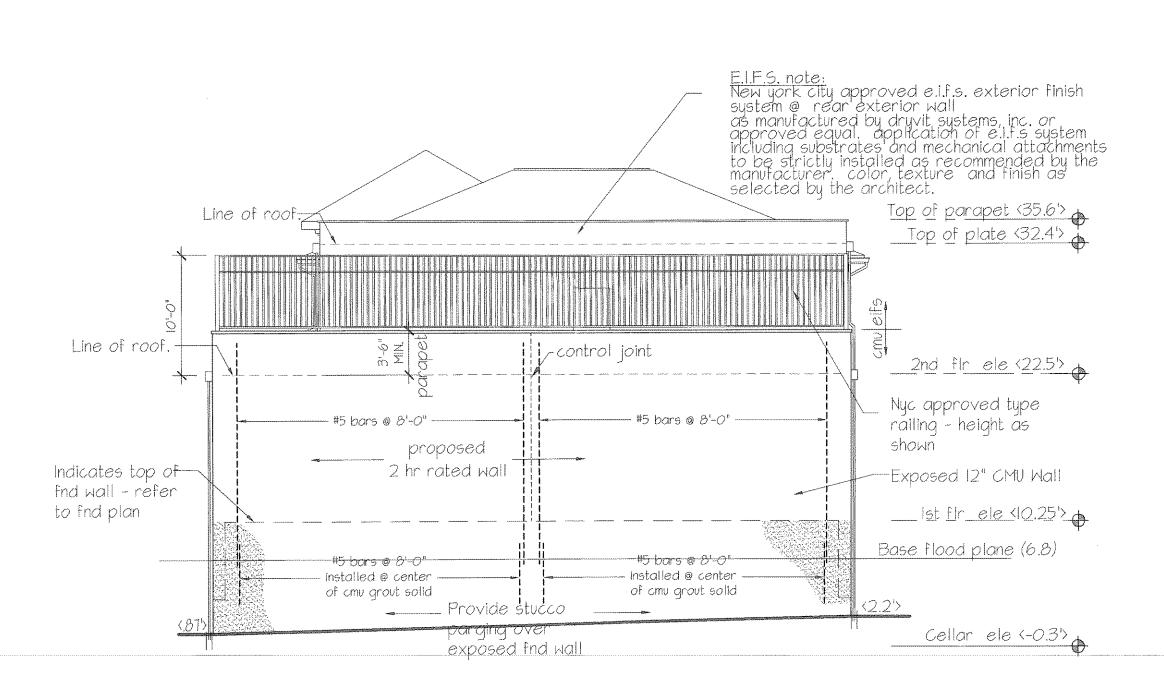




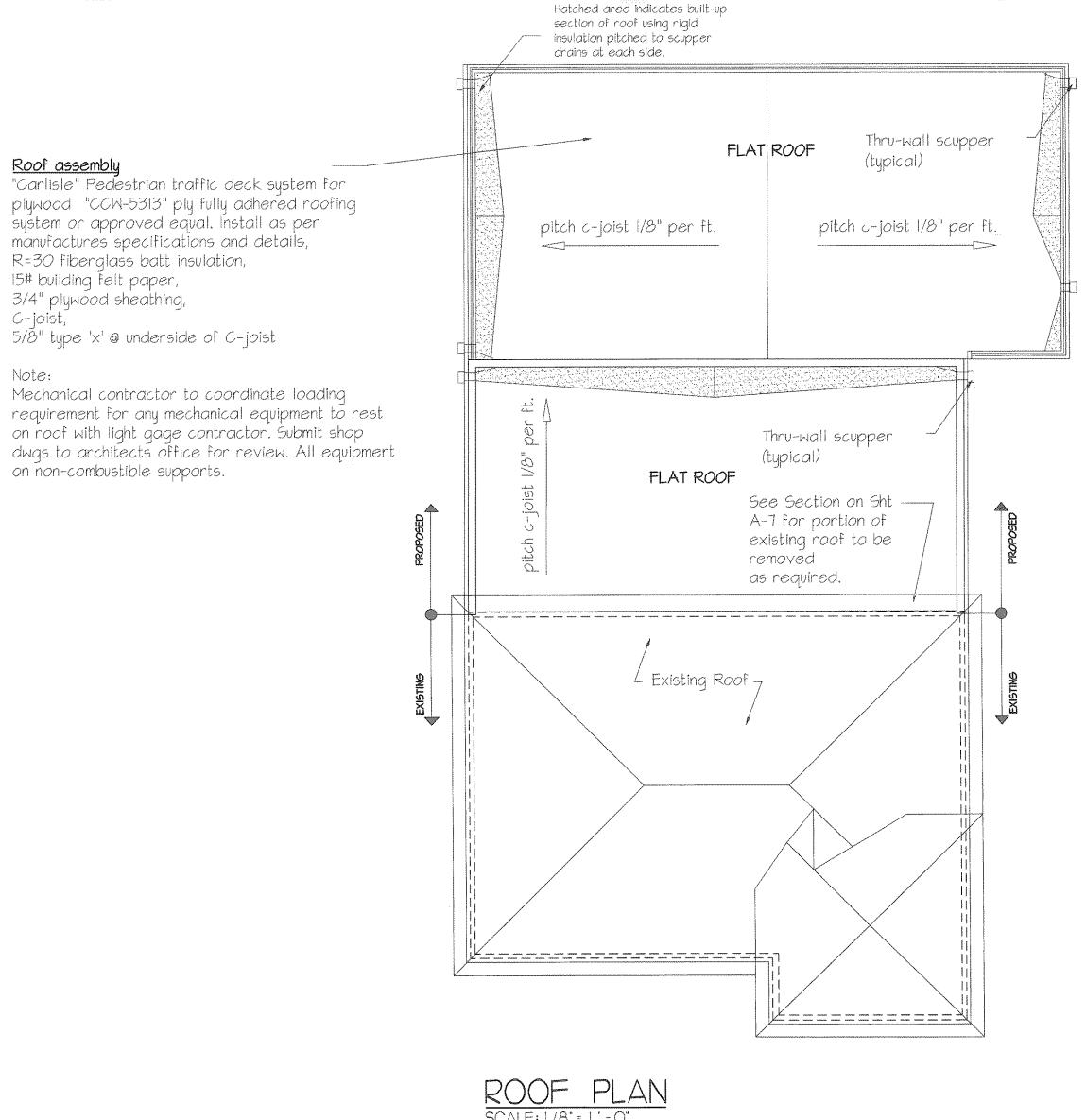


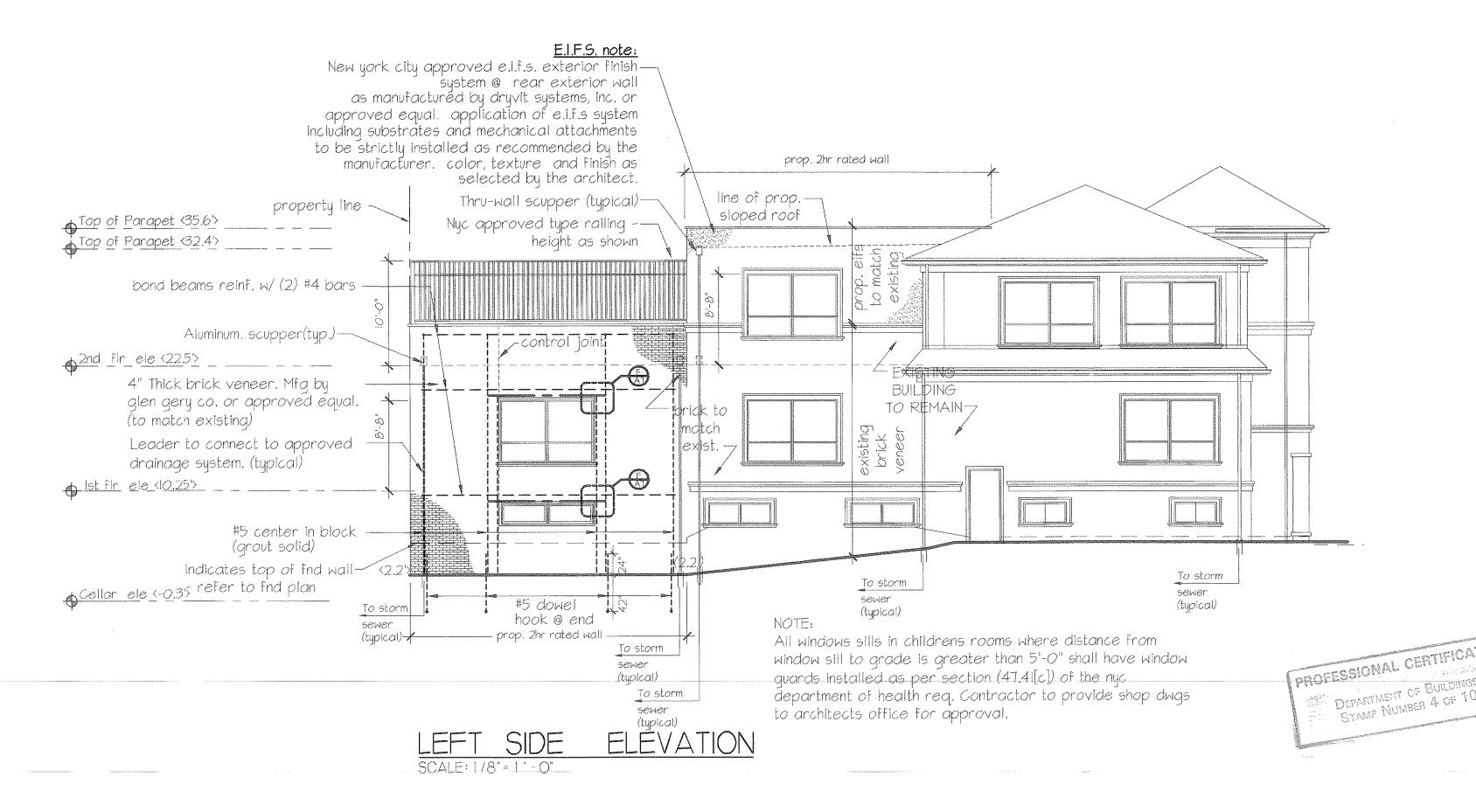


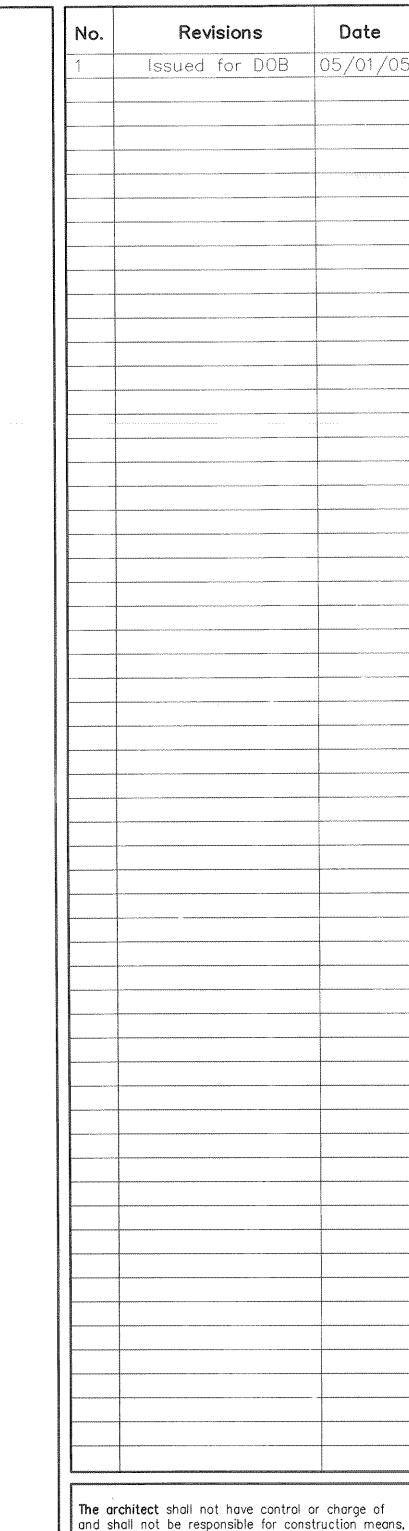




REAR ELEVATION
SCALE: 1/8" - 1'-0"



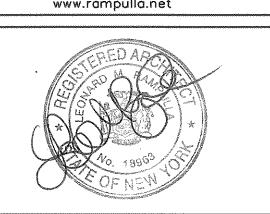




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FACILITY	
COMMUNITY FACILITY NEW YORK	ME PLAN
ALTERATION TO COMMUNITY 351 SAND LANE STATEN ISLAND, NEW YORK	sheet title : ELEVATIONS/ROOF PLAN

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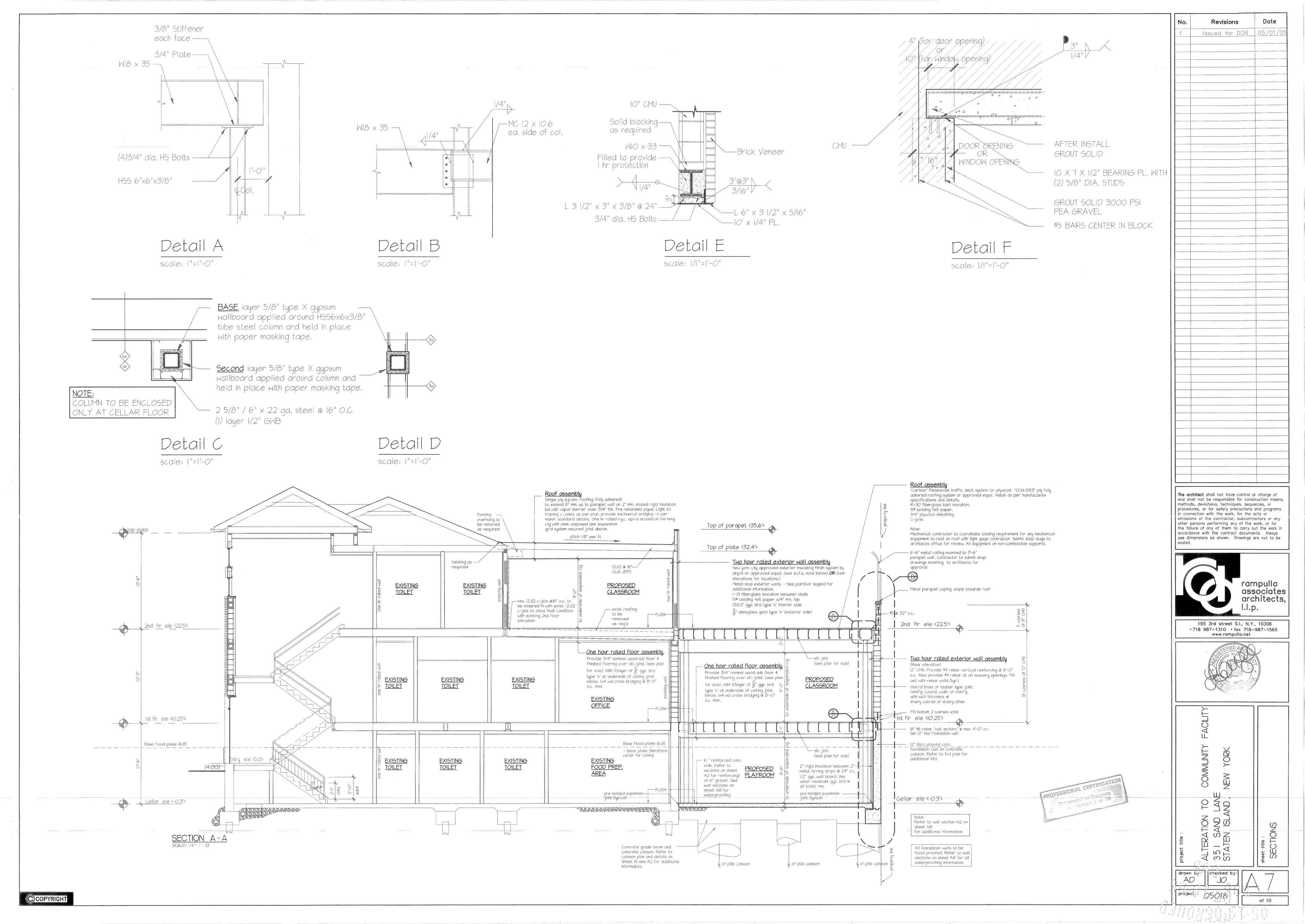
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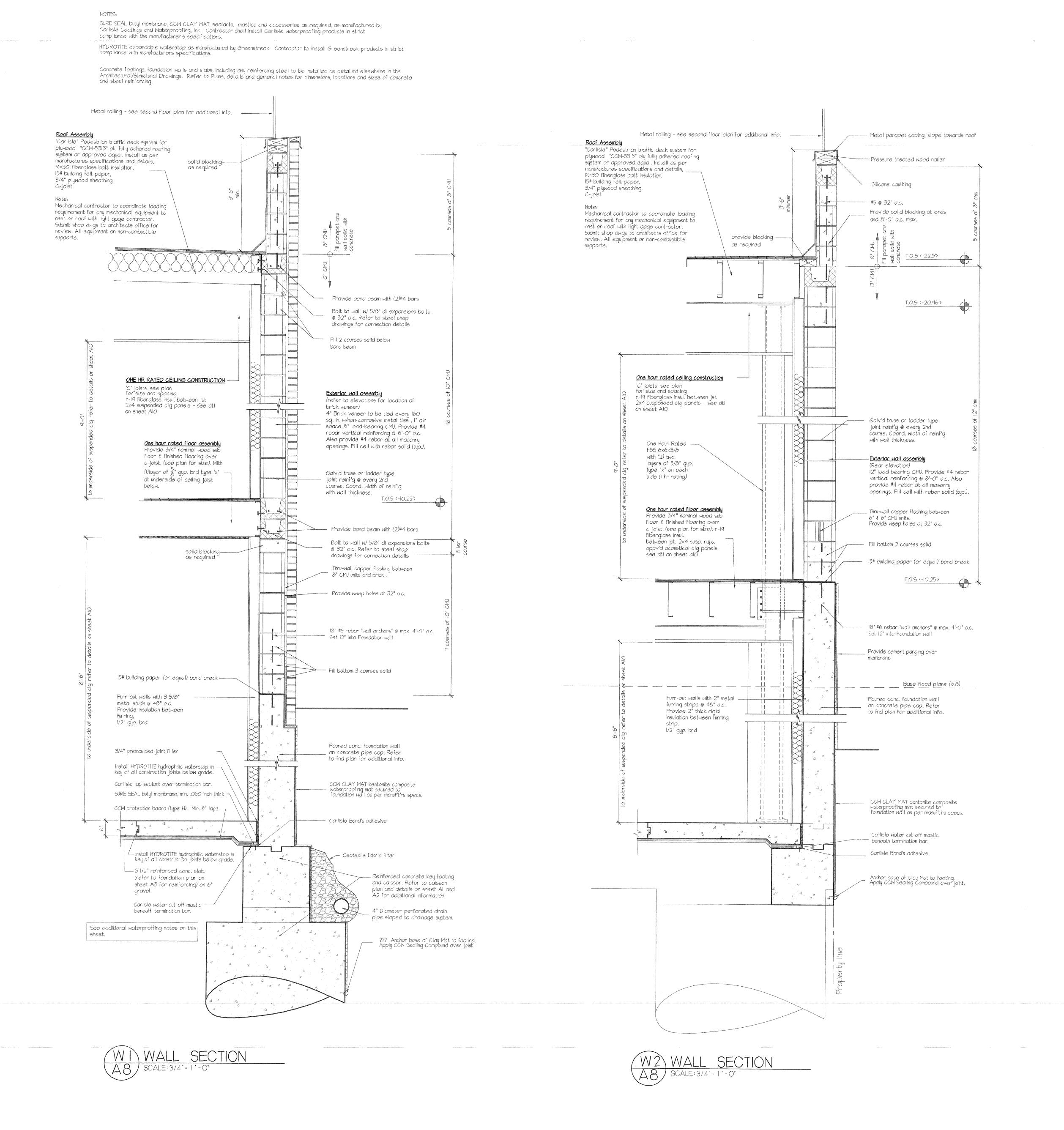
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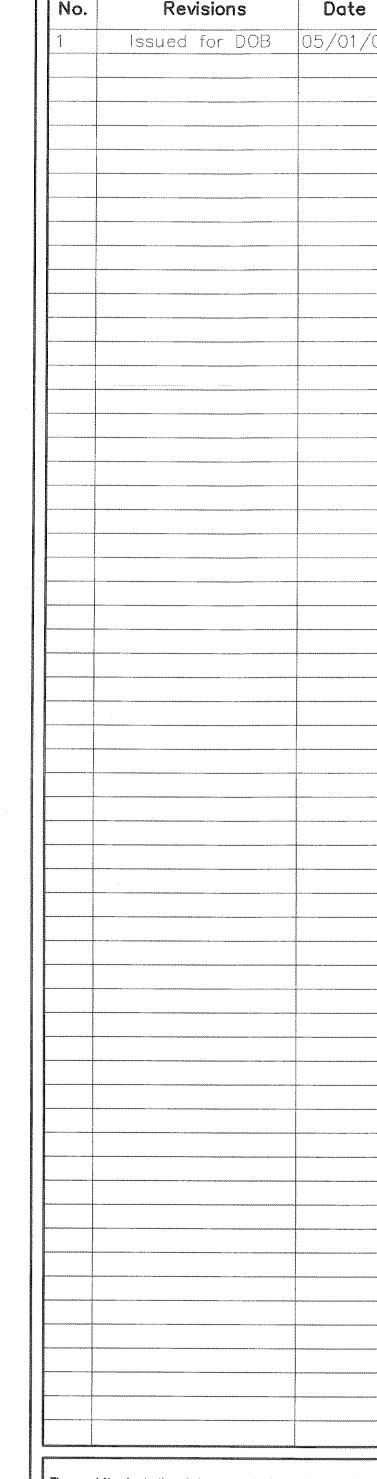
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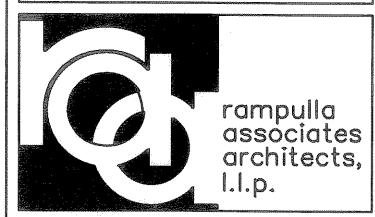
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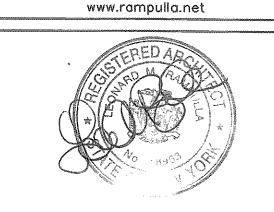




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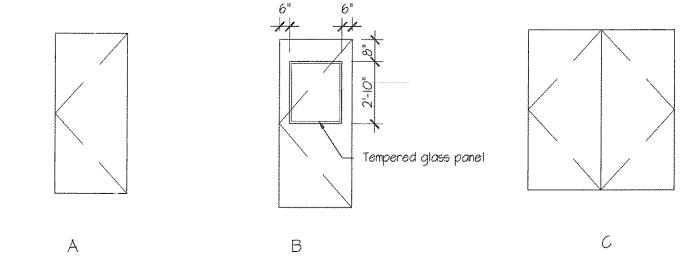
отичность подположения выполняющей выполнающей		COMMUNITY FACILITY	NEW YORK	
	project title :	ALTERATION TO 351 SAND LANE	STATEN ISLAND,	sheet title : WALL SECTIONS

								DOOR SCHEDULE						
	DOOR						FRAME							
	DR. TYPE	SIZE							D	DETAIL5		FIRE RATING	REMARKS	
	NO.	TYPE	THICK	MIDTH	HEIGHT	MAT.	FIN.	MAT.	FIN.	HEAD	JAMB	HDW. SET	RATING	
	001	A	1 3/4"	3'-0"	7'-0"	WD	POLY	HM	PT	1	The state of the s	CX.		
AR	002	В	1 3/4"	3'-0"	7'-0"	ИD	POLY	HM	PT	3	3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		no closer
CELLAR	003	A	1 3/4"	3'-0"	7'-0"	HM	PT	HM	PT	3		5 PER OWNER ON PLAN		provide weather stripp'g,
												8 일 N		
N N	101	ТВ	1 3/4"	3'-0"	7'-0"	WD	POLY	I HM	PT	4	**************************************	HAREWARE SET AND KEYING AS UNLESS OTHERWIZE INDICATED		
18	102	- B	1 3/4"	3'-0"	7'-0"	WD	POLY	HM	PT				·····	
FL.OOR	103	$\frac{1}{B}$	1 3/4"	3'-0"	7'-0"	WD	POLY	HM	PT		1	쏫물		
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₩ ¥	201	В	1 3/4"	3'-0	7'-0"	MD	POLY	HM .	PT					
8	202	В	1 3/4"	3'-0	7'-0"	WD	POLY	HM	PT					
	203	A	1 3/4"	3'-0"	7'-0"	HM	PT	HM	PT	4	4		3/4 hr	f.p.s.c. with panic hardware ≰ closer
SECOND FLOOR														

М	IND	0 W S C	HEDULE					
	MDW	UNIT SIZE						
	NO.	MIDTH	HEIGHT	REMARKS				
K	001	8'-7"	2'-0"	Casement/awn'q by owner				
CELLAR	002	8'-7"	2'-0"	Casement/awn'g by owner				
<u> </u>								
OZ.	IOI	8'-7"	6'-0"	Casement/awn'g by owner				
FLOOR	102	8'-7" 6'-0"		Casement/awn'g by owner				
FIRST FL								
	<u> </u>		<u></u>					
OΧ	201	8'-7"	6'-0"	Casement/awn'q by owner/ 12hr protected				
00	202	8'-7"	6'-0"	Casement/awn'a by owner				
) FLOOR	203	2'-2"	2'-10"	fixed window by owner				
SECOND								

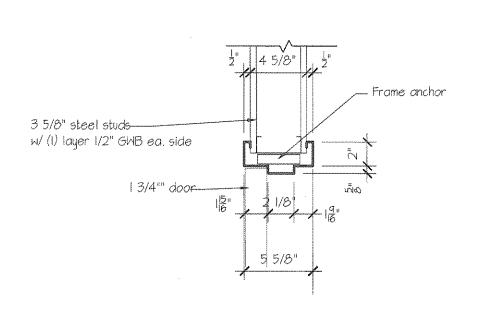
DOORS

- I. Hollow metal frames for new doors to be 16 ga. commercial grade cold rolled steel conforming to ASTM A366-68. Frames shall be custom made welded units with integral trim and backbends. Minimum depth of stops to be }". Frames to be mortised, reinforced, drilled and tapped at the factory for fully templated mortised hardware. Provide 18 qa. steel jamb anchors sercurely welded inside each jamb. Provide ceiling struts for fire rated Frames as per ANSI/UL 63.
- 2. Hollow metal doors shall be made made of 18 ga. commercial grade cold rolled steel conforming to ATM A366-68. Face sheets shall be stiffened using min. 22 ga. continuous vertical formed steel sections spanning the full thickness of the interior space between door faces. Minimum door thickness shall be 13/4"". Doors shall be mortised, reinforced, drilled and apped at the factory for fully templated hardware.
- 3. Aluminum doors and windows to be as detailed and manufactured by REBCO, inc., Paterson, N.J., or approved equal. Doors shall be similar to 31" medium stile door, series M. Sections shall be extruded 6063-T5 aluminum alloy or alloy sultable for special anodic finishing. Major tubular portions of door stiles and rails shall not be less than .110" in thickness and glazing moldings not less than .050" in thickness. Entrance units shall be complete factory assemblies including doors, frames, sidelights, transoms, and hardware. Glazing of doors shall be of EPDM or of vinyl tape and no screws shall be needed to secure glazing stops in place. All exposed surfaces including the edges of stiles shall be anodized in accordance with Alcoa specification "Alumilite 204-Ri" (.0004 min. coating thickness). All fasteners for push and pull hardware shall be stainless steet. Butt hinges shall be full mortise, non-ferrous ball bearing hingges. Hardware for aluminum entrance doors shall be furnished or installed in the door by the door manufacturer and shall include all of the following Items as applicable: push-pull hardware, maximum security deadlock with cylinders, flush boits, center pivots, offset pivots, butt hinges, overhead closers
- 4. Door size, type and label indicated on Floor Plans for each individual door. Coordinate with Door Legend below:



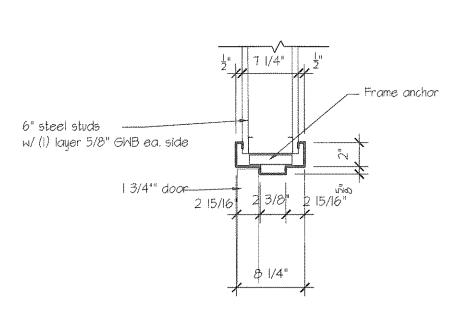
DOOR TYPES

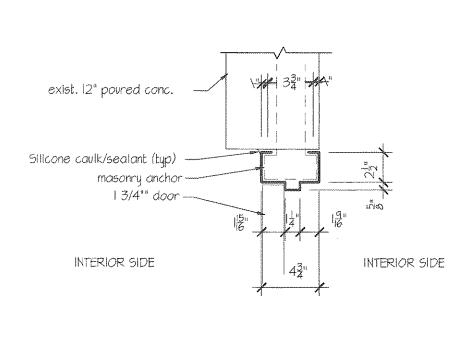
HEAD TYPES

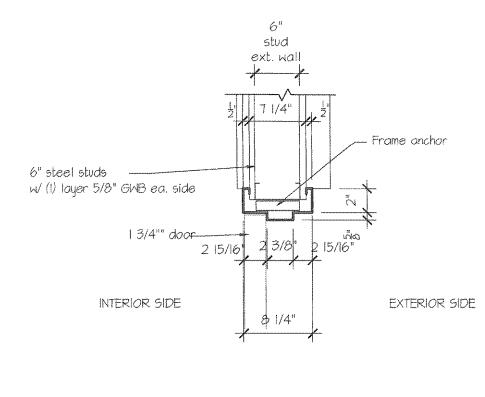


HEAD DETAIL

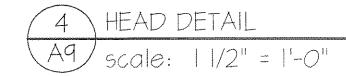
A9 scale: | 1/2" = 1'-0"



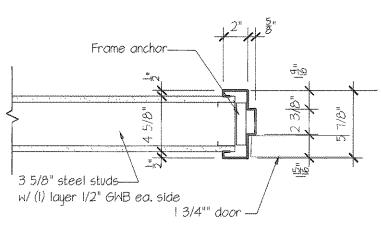


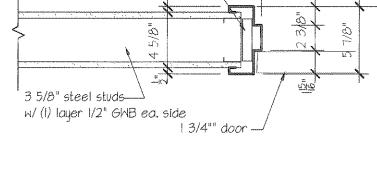


3 HEAD DETAIL A9 scale: | 1\2" = 1'-0"

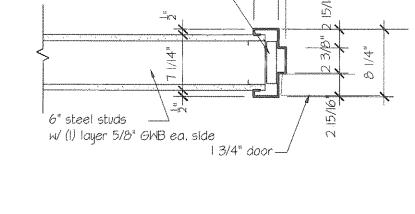


JAMB TYPES

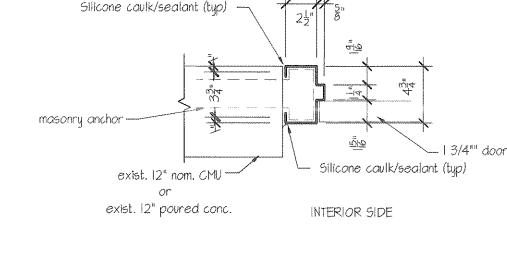


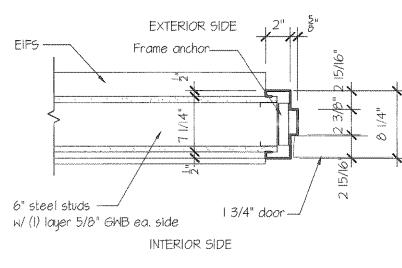


A9 scale: 1 1/2" = 1'-0"



A9 scale: 11/2" = 1'-0"





3 JAMB DETAIL
A9 scale: 11/2" = 1'-0"

INTERIOR SIDE

A9 scale: 11/2" = 1'-0"

FINISHES

- I. Prior to painting, Contractor shall inspect all surfaces to ensure they are in propor condition to meet manufacturers specifications.. If they do not meet the guidelines set forth, the Contractor shall prepare the surfaces making sure they meet the standards.
- 2. Paints and primers shall be company and finish specified unless otherwise noted on plans.
- 3. All paints to be factory mixed.
- 4. All primers to be tinted to exact shade of overcoat.
- 5. All switch plates and receptacle plates to match corresponding wall color/wall cover unless otherwise noted.
- 6. Door frames to match corresponding wall color except where noted.
- 7. All metal bucks and convectors shall receive three (3) coats of paint- one (1) prime coat and two (2) finish coats of semigloss except where otherwise noted.
- 8. Drywall construction shall receive three (3) coats of paint-one (1) prime sealer coat and two (2) finish coats of eagshell except where otherwise noted.
- 9, CMU construction shall receive three (3) coats of paint-one (1) prime sealer coat
- and two (2) finish coats of epoxy except where otherwise noted. 10. Walls shall receive vinyl base as indicated on drawings. Base shall be installed in a workmanlike manner properly adhered to the wall surface.

- 11. All finishes (wall, floors, and ceilings) as well as furnishings to comply with New York City codes and regulations for flame spread. Any deviation shall be brought to the attention of the Architect prior to purchase and installation.
- Bathrooms/lavatories to receive 2 x 2 ceramic mosaic tile floor, matte finish. Wall tile to be 4 1/4" x 4 1/4" glazed ceramic tile. Tile to extend to 4'-0" above finished floor. Paint wall above tile. Provide cove base to match wall tile.
- 13. All interior CMU surfaces that are exposed and not covered by steel stud and GMB furring are to receive ceramic tile to match exterior of building. Interior grout lines shall align with exterior grout lines.
- 14. Room finishes for floors, base and walls are indicated on floor plans for each individual room as indicated below:

----- ROOM NUMBER ----- WALL BASE - FLOOR FINISH FINISH KEY: P3 Paint-latex semi-aloss CB Ceramic base CP Carpet tile P4 Paint-latex eggshell

Pl Paint-concrete floor sealer VC Vinul base, cove

P2 Paint-epoxy block filler VT Vinyl composition tile

The architect shall not have control or charge of and shall not be responsible for construction means,

omissions of the contractor, subcontractors or any

other persons performing any of the work, or for the failure of any of them to carry out the work in accordance with the contract documents. Always

use dimensions as shown. Drawings are not to be

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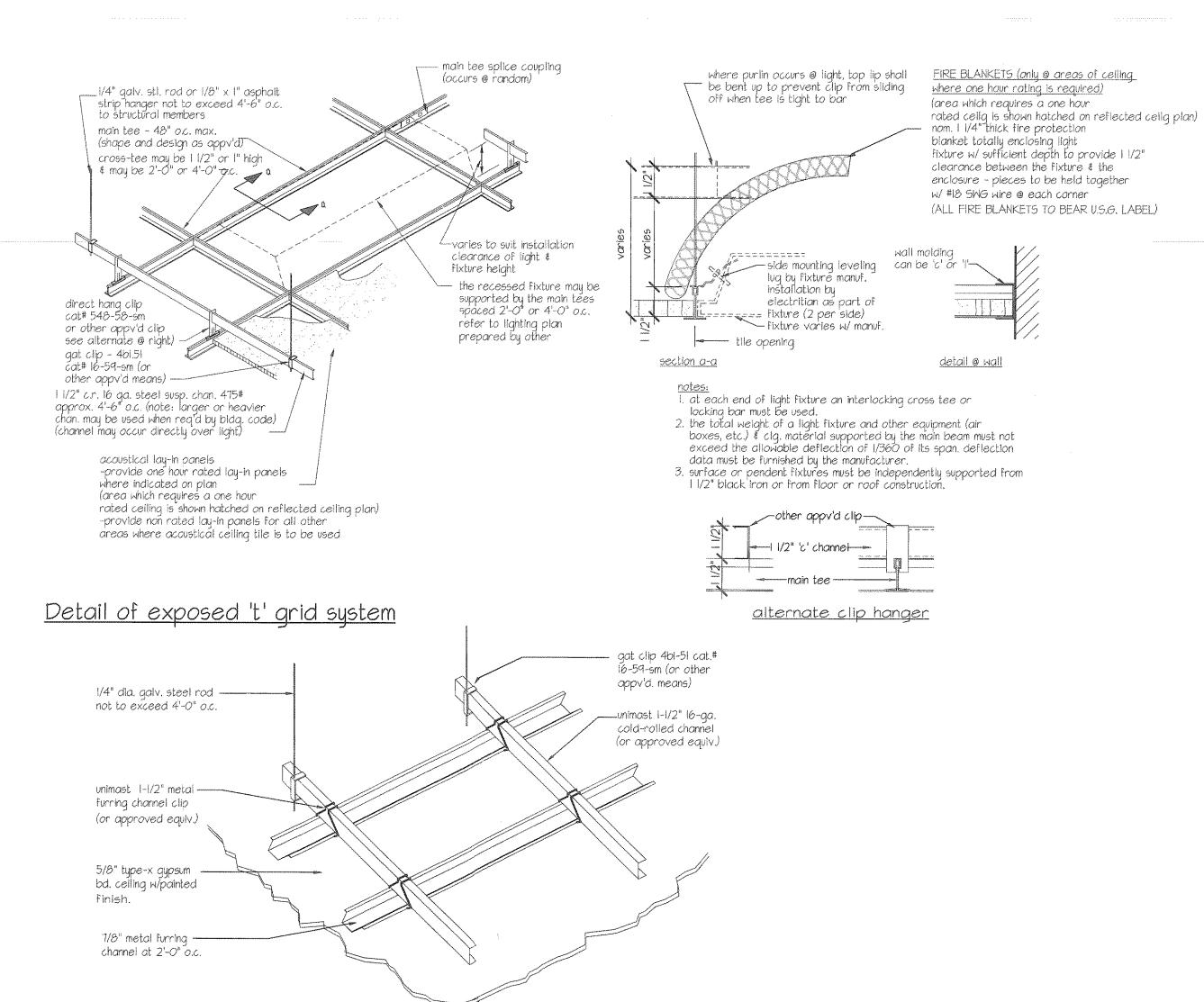
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associates architects,

methods, deviations, techniques, sequences, or procedures, or for safety precautions and programs in connection with the work, for the acts or

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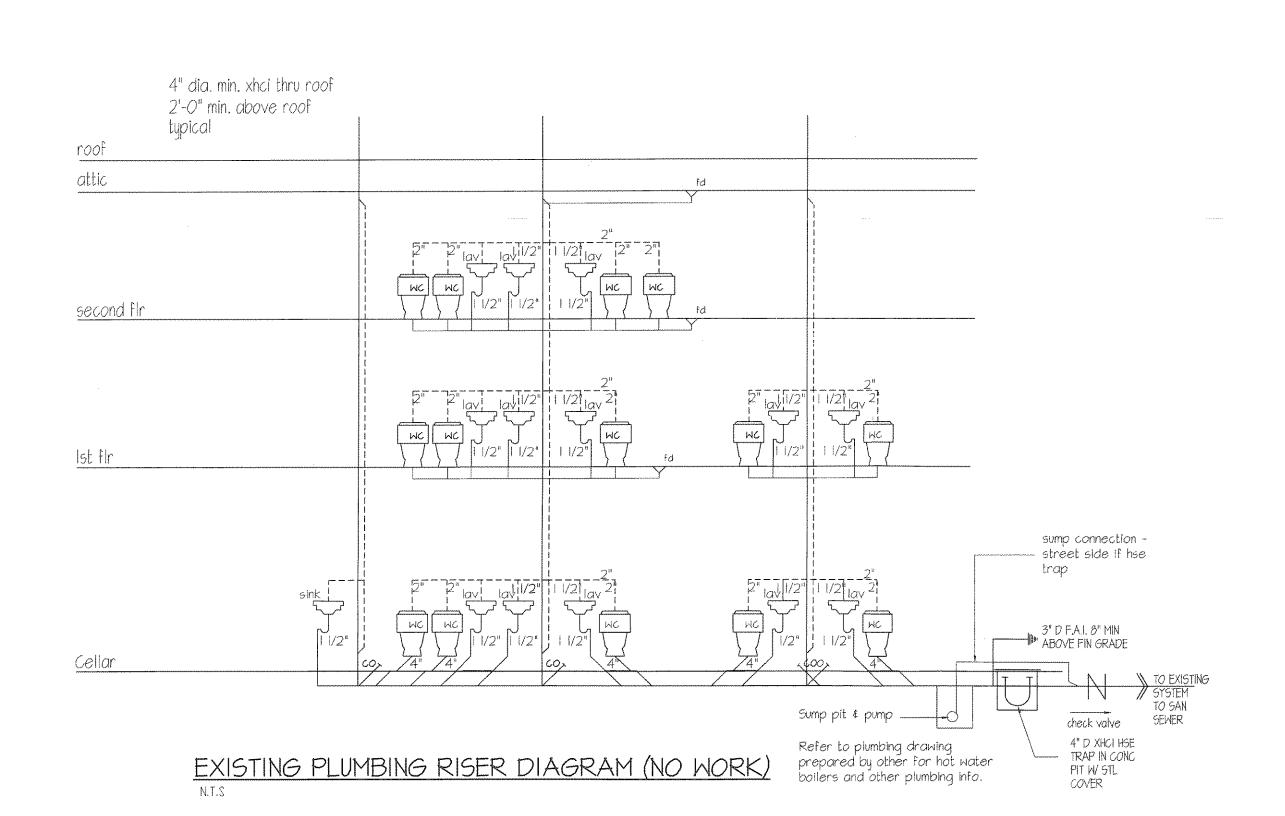


suspended gypsum board ceiling detail

SUSPENDED CEILING NOTES

- I. CEILINGS THAT ARE TO BE SUSPENDED BELOW FLOOR OR ROOF CONSTRUCTION BY MEANS OF A FRAMING SYSTEM SHALL CONSIST OF SUPPORTING HANGERS, CARRYING AND A SUPPORTING GRID COMPLYING WITH REFERENCE STANDARD RS 5-16 OR SHALL HAVE SUPPORTING HANGERS AND CARRYING CHANNELS AND A SUPPORTING GRID THAT CAN BE DEMONSTRATED TO THE SATISFACTION OF THE DEPT. OF BUILDINGS TO BE OF STRENGTH ADEQUATE TO SUPPORT THE CEILING MATERIAL. THE HANGERS AND SUPPORTING GRID SHALL BE OF NONCOMBUSTIBLE MATERIALS. WHERE, IN TABLE 3-4, FLOOR OR ROOF CONSTRUCTION IS REQUIRED TO HAVE A FIRE-RESISTANCE RATING, MAY BE SUSPENDED BELOW THE FIRE-RESISTANCE CONSTRUCTION.
- 2. A LUMINOUS CEILING SHALL BE DEFINED AS A CEILING CONSISTING OF TRANSLUCENT, LOUVERED, EGG-CRATED, MESH, OR SIMILAR LIGHT-DIFFUSING MATERIAL SUSPENDED FROM THE CEILING OR STRUCTURAL FRAMEWORK. A SUSPENDED CEILING CONTAINING LESS THAN 20 SQ.FT. OF TRANSLUCENT, LOUVERED, EGG-CRATED, MESH OR SIMILAR MATERIAL IN ANY 100 SQ.FT. OF CEILING AREA SHALL NOT BE CONSIDERED A LUMINOUS CEILING.
- 3. THE HANGERS SHALL BE SPACED AT 4'-6" OR LESS ON CENTERS. EACH HANGER SHALL BE CAPABLE OF CARRYING ALL LOADS SUSPENDED THEREFROM PLUS AN ADDITIONAL 200 POUNDS LOCATED AT MIDSPAN. THE MIDSPAN DEFLECTION SHALL NOT EXCEED 1/360 OF THE SPAN. THE CONNECTIONS OF THE CARRYING CHANNEL TO THE HANGERS SHALL BE ADEQUATE FOR THE LOAD SUPPORTED BY THE MAIN RUNNER PLUS TWO HUNDRED (200) POUNDS.
- 4. THE MAIN RUNNER OR NAILING BAR SHALL BE CAPABLE OF CARRYING ALL LOADS SUSPENDED THEREFROM. THE MIDSPAN DEFLECTION SHALL NOT EXCEED 1/360 OF THE SPAN, EACH CONNECTION OF THE MAIN RUNNER OR NAILING BAR TO THE CARRYING CHANNELS SHALL BE ADEQUATE FOR THE LOAD SUPPORTED BY THE MAIN RUNNER PLUS TWO HUNDRED (200) POUNDS.
- 5. CROSS RUNNERS SHALL BE CAPABLE OF CARRYING ALL LOADS SUSPENDED THEREFROM, THE MIDSPAN DEFLECTION SHALL NOT EXCEED 1/360 OF THE SPAN.
- 6. SPLINES SHALL NOT BE CONSIDERED AS PROVIDING NOR SHALL BE USED FOR PROVIDING STRUCTURAL SUPPORT FOR THE CEILING
- 7. ALL CONNECTION DEVICES OTHER THAN BOLTS SHALL BE APPROVED BY THE BOARD OF STANDARDS AND APPEALS. HOWEVER, THEY MAY BE ACCEPTED UNDER THE CODE TEST METHOD WHEN TEST RESULTS INDICATE A FACTOR OF SAFETY OF FOUR ARE FILED IN ACCORDANCE WITH THE PROVISIONS OF SECTION C26-106.2 OF THE BUILDING CODE.
- 8. COMPONENT MATERIALS WHICH OXIDIZE OR CORRODE WHEN EXPOSED TO NORMAL USE ENVIRONMENTS SHALL BE PROVIDED WITH PROTECTIVE
 - a. COMPONENTS FABRICATED FROM SHEET STEEL SHALL BE GIVEN AN ELECTRO-GALVANIZED, HOT DIPPED GALVANIZED, CADMIUM, OR ZINC COATING. b. COMPONENTS FABRICATED FROM ALUMINUM ALLOYS SHALL BE ANODIZED WHEN EXPOSED TO A CORROSIVE ATMOSPHERE.

- 9. HANGERS
- a. BUILDINGS OF CONSTRUCTION GROUP I- FOR REQUIREMENTS SEE HANGER DETAILS. b. MINIMUM SIZES AND QUALITY-HANGERS FOR SUSPENDING CARRYING CHANNELS SHALL BE A MINIMUM OF 1/4" DIAMETER GALVANIZED STEEL RODS OR FLAT BARS AT LEAST I"XI/8".
- c. USE OF EXISTING HANGERS-EXISTING HANGERS MAY NOT BE USED UNLESS THEY COMPLY, OR ARE MADE TO COMPLY, WITH ALL THE ABOVE PROVISIONS RELATING TO HANGERS.
- IO. CARRYING CHANNELS SHALL BE INSTALLED SO THAT THEY ARE LEVEL WITH IN 1/8" IN 12 FT. LEVELING SHALL BE PERFORMED WITH THE SUPPORTING HANGERS TAUT, KINKS OR BENDS SHALL NOT BE MADE IN HANGERS AS A MEANS OF LEVELING THE CARRYING CHANNELS. CARRYING CHANNEL SHALL BE ATTACHED TO THE HANGERS IN A MANNER THAT WILL PREVENT ANY VERTICAL MOVEMENT OR ROTATION.
- II. MAIN RUNNERS SHALL BE INSTALLED SO THAT THEY ARE ALL LEVEL WITH IN 1/8" IN 12 FT, LEVELING SHALL BE PERFORMED WITH THE MAIN RUNNER IN FIRM CONTACT WITH THE CARRYING CHANNEL, ATTACHMENT TO THE CARRYING CHANNELS-MAIN RUNNERS SHALL BE ATTACHED TO THE CARRYING CHANNELS IN A MANNER THAT WILL PREVENT ANY VERTICAL MOVEMENT OR ROTATION.
- 12. NEW SUSPENDED CEILINGS BELOW EXISTING SUSPENDED CEILING. a. IN BUILDINGS OF CONSTRUCTION GROUP I NOT MORE THAN ONE EXISTING SUSPENDED CEILING MAY BE RETAINED ABOVE THE NEW SUSPENDED CEILING. ALL OTHER EXISTING CEILINGS MUST BE REMOVED. WHERE AN EXISTING CEILING IS RETAINED, THE NEW MAIN RUNNERS SHALL BE SUPPORTED DIRECTLY FROM THE CARRYING CHANNELS ADJACENT TO THE
- 6. IN BUILDINGS OF CONSTRUCTION GROUP IT ALL EXISTING SUSPENDED CEILINGS SHALL BE REMOVED PRIOR TO INSTALLATION OF NEW SUSPENDED CEILING.
- 13. CEILING FIXTURES
- a. FIXTURES INSTALLED IN ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE, SEE DETAIL. b. FIXTURES EXCEEDING 80 LBS. IN WEIGHT SHALL BE SUPPORTED INDEPENDENT OF CEILING SUSPENSION SYSTEM. FIXTURES WEIGHING 80 LBS, OR LESS MAY BE SUPPORTED FROM THE MAIN RUNNERS. c. FIXTURES SHALL BE INSTALLED SO THAT THE MAIN RUNNERS OR CARRYING CHANNELS ARE NOT ECCENTRICALLY LOADED UNLESS SUITABLE ACCESSORY DEVICES ARE EMPLOYED AND THE MAIN RUNNER AND/OR CARRYING CHANNEL DESIGN PROVIDES FOR THE TORSIONAL STRESSES.
- 14. CEILING GRID AND ACOUSTIC TILES MANUFACTURED BY U.S. GYPSUM INC. OR APPROVED EQUAL.
- 15. LOCATION OF ALL DUCT PENETRATIONS @ CLG. SHALL BE COORDINATED IN FIELD W/ MECHANICAL CONTRACTOR AS APPROVED BY THE ARCHITECT.
- 16. ALL CEILING PENETRATIONS, DUCT WORK, PIPING, VENTS, FUME HOOD EXHAUST 4 ANY AND ALL APPURTENANCES WHICH ARE TO PENETRATE CEILING SHALL BE THE OFFICE OF THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

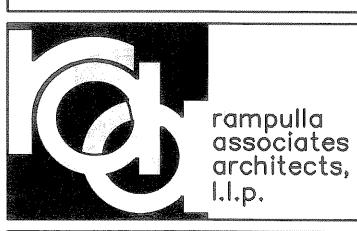


The architect shall not have control or charge of and shall not be responsible for construction means, methods, deviations, techniques, sequences, or procedures, or for safety precautions and programs in connection with the work, for the acts or omissions of the contractor, subcontractors or any

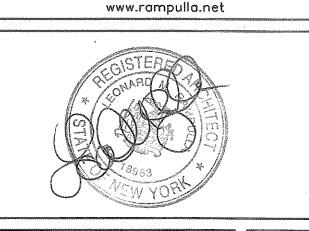
Revisions

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other persons performing any of the work, or for the failure of any of them to carry out the work in accordance with the contract documents. Always use dimensions as shown. Drawings are not to be



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PROPOSED COMMUNITY FAC 351 SAND LANE STATEN ISLAND, NEW YORK	sheet title : CEILING NOTES/