

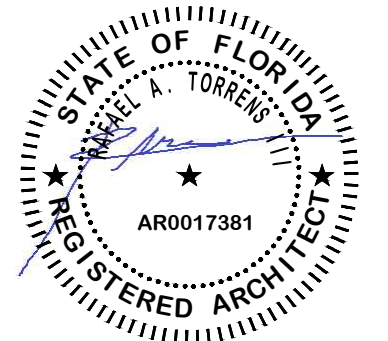
REV. NO.	DATE	DESCRIPTION
12-16-2019		BUILDING DEPARTMENT COMMENTS
01-29-2020		BUILDING DEPARTMENT COMMENTS
08-19-2020		BUILDING DEPARTMENT COMMENTS

**NOTES:**

**DISCIPLINE INFORMATION:**

PROFESSIONAL OF RECORD: RAFAEL A. TORRENS	START DESIGNER: JAVIER PUERTO
Q.C. AUDITOR: RAFAEL A. TORRENS	PRINCIPAL CAD TECHNICIAN: JAVIER PUERTO
PROJECT MANAGER: FELIX PEREZ	

**PROFESSIONAL SEAL:**



**PROJECT:**

VCA IMPROVEMENTS

PALM CENTRE

150 EAST 1ST AVENUE  
HIALEAH, FL 33010

**DATE** **ISSUE DESCRIPTION**

07/22/2019 ISSUED FOR PERMIT

**DRAWING INFORMATION:**



SHEET TITLE:

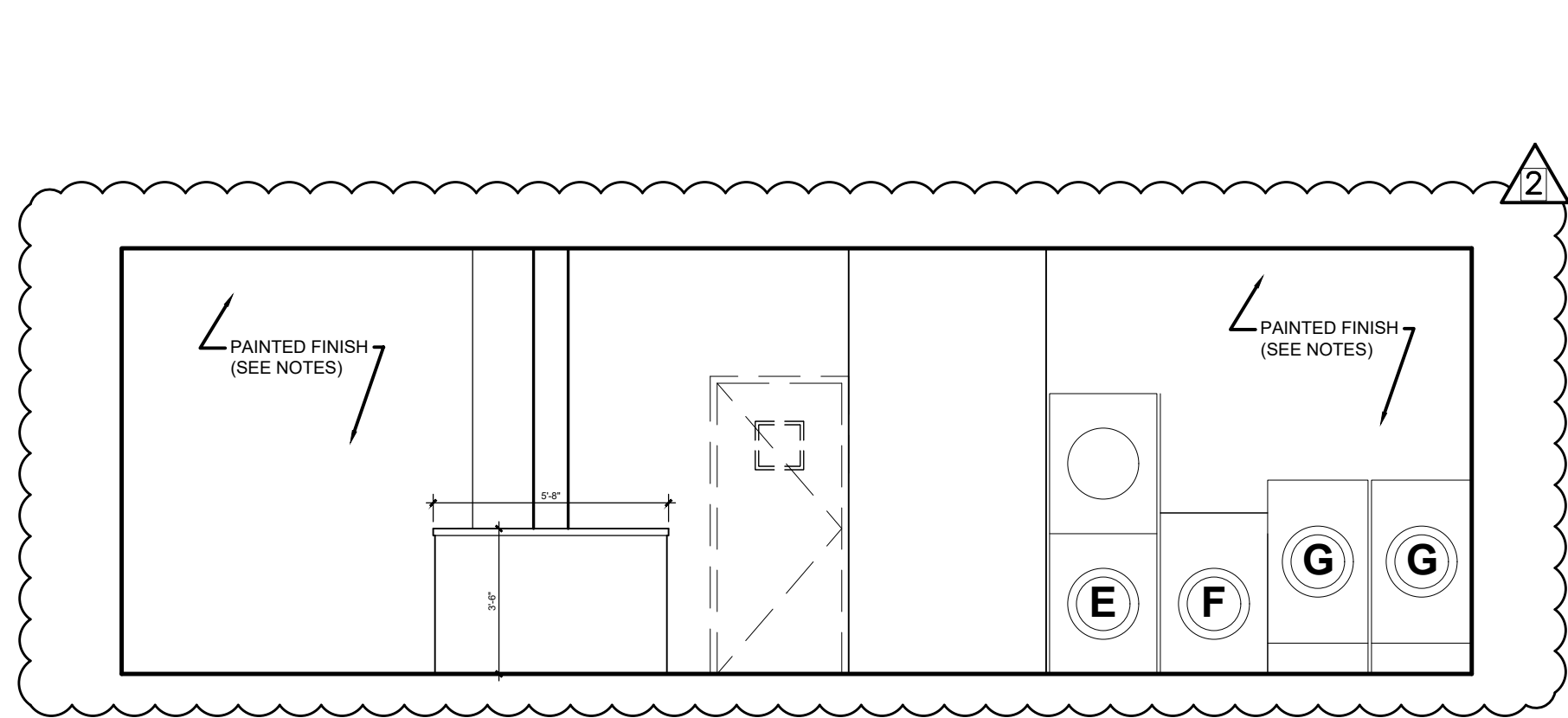
PROPOSED LAUNDRY ROOM  
INTERIOR ELEVATIONS AND  
SCHEDULES (CON'T)

DELIVERY DATE: 04/10/2019  
PRINT DATE & TIME: 04/10/2019

PROJECT NUMBER: 18-0221-06  
CAD FILE NAME: A102.2

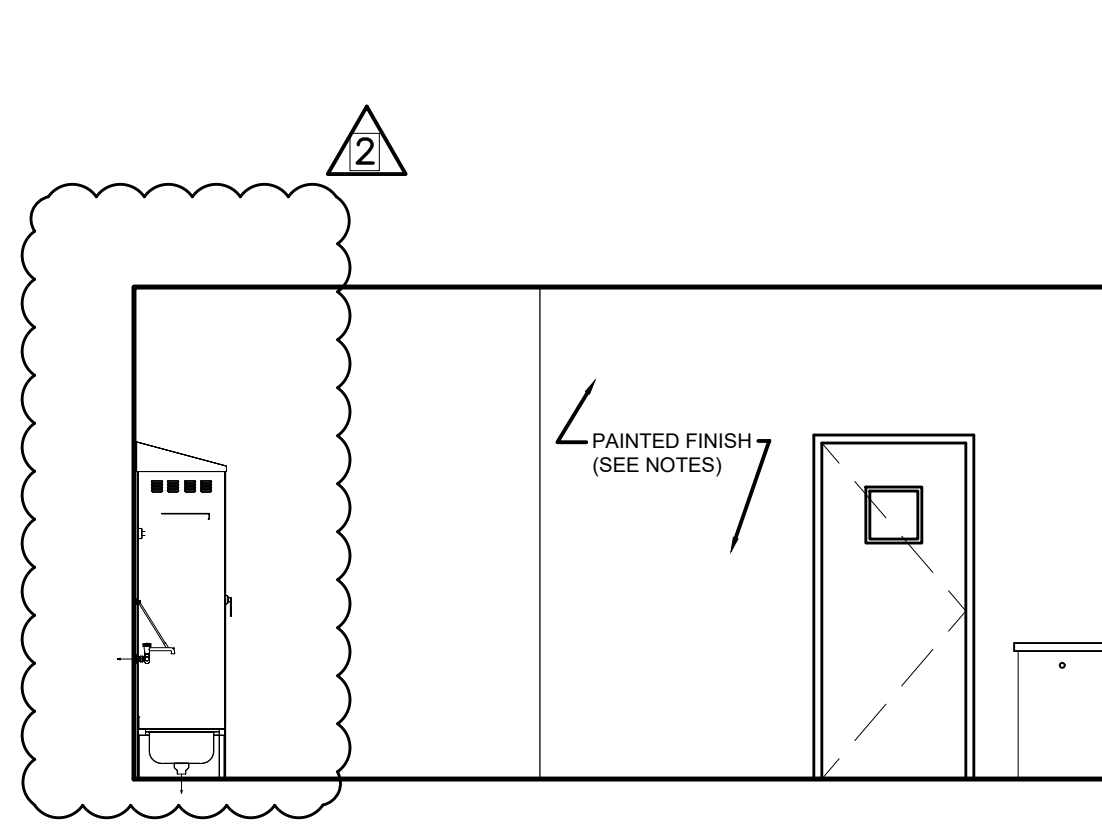
DRAWING LOCATION:  
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SHEET NO. **A102.2**



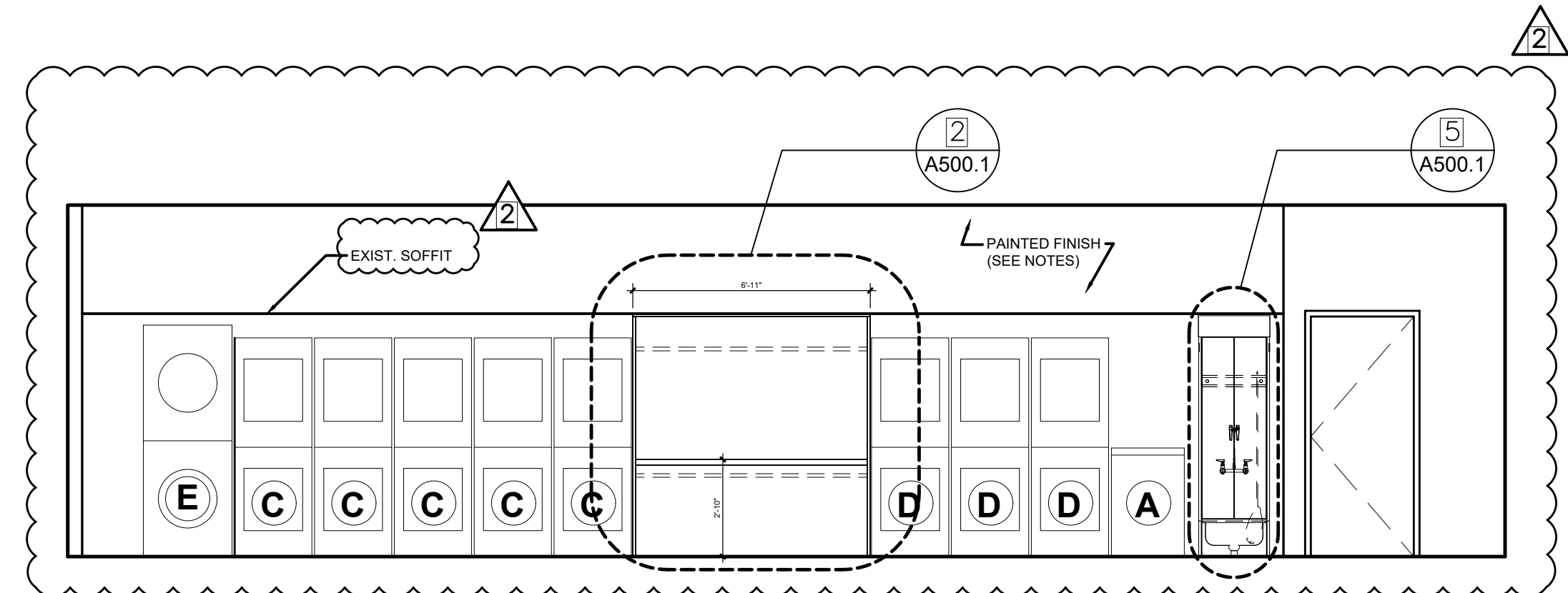
**5 LAUNDRY ROOM ELEVATION**

A102.2 SCALE: 1/4" = 1'-0"



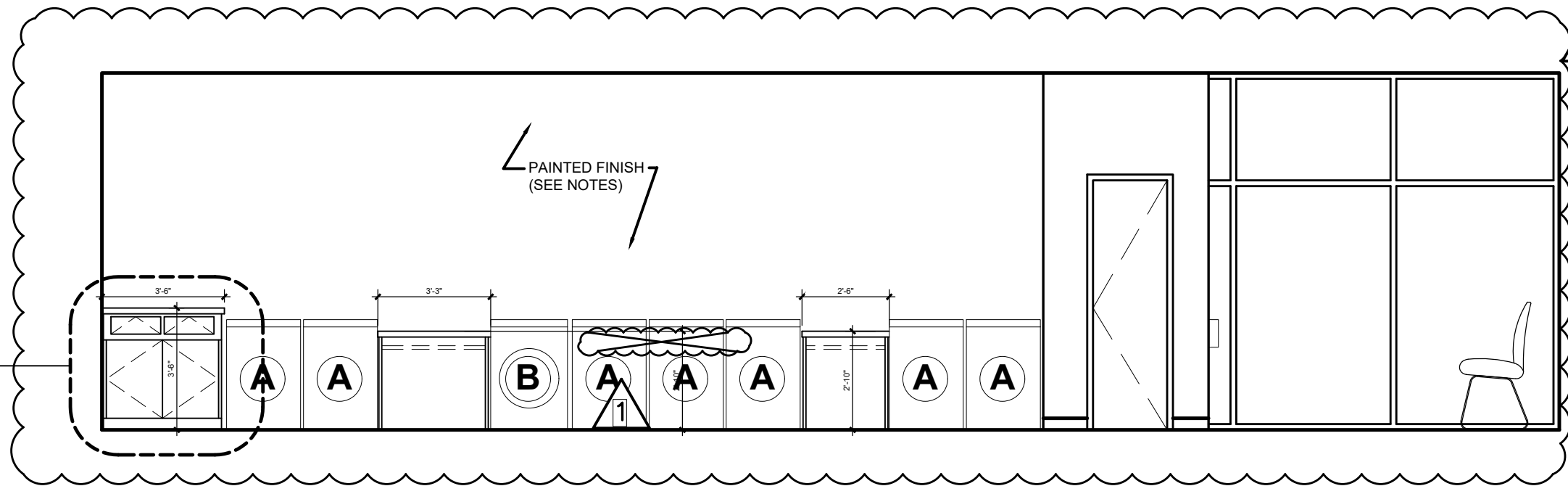
**6 LAUNDRY ROOM ELEVATION**

A102.2 SCALE: 1/4" = 1'-0"



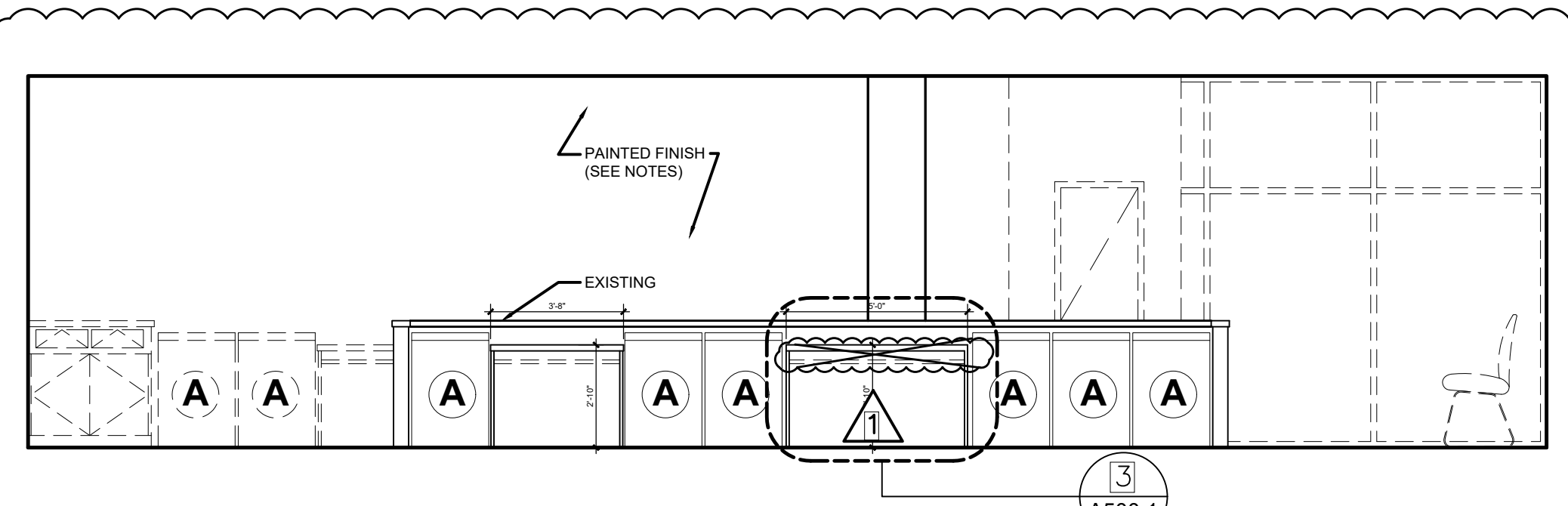
**7 LAUNDRY ROOM ELEVATION**

A102.2 SCALE: 1/4" = 1'-0"



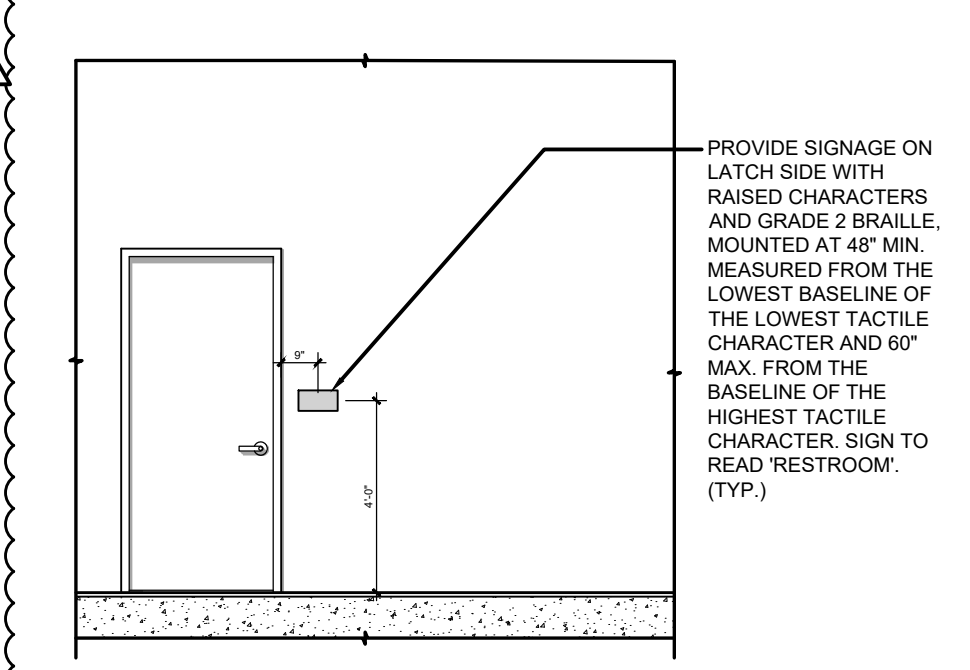
**8 LAUNDRY ROOM ELEVATION**

A102.2 SCALE: 1/4" = 1'-0"



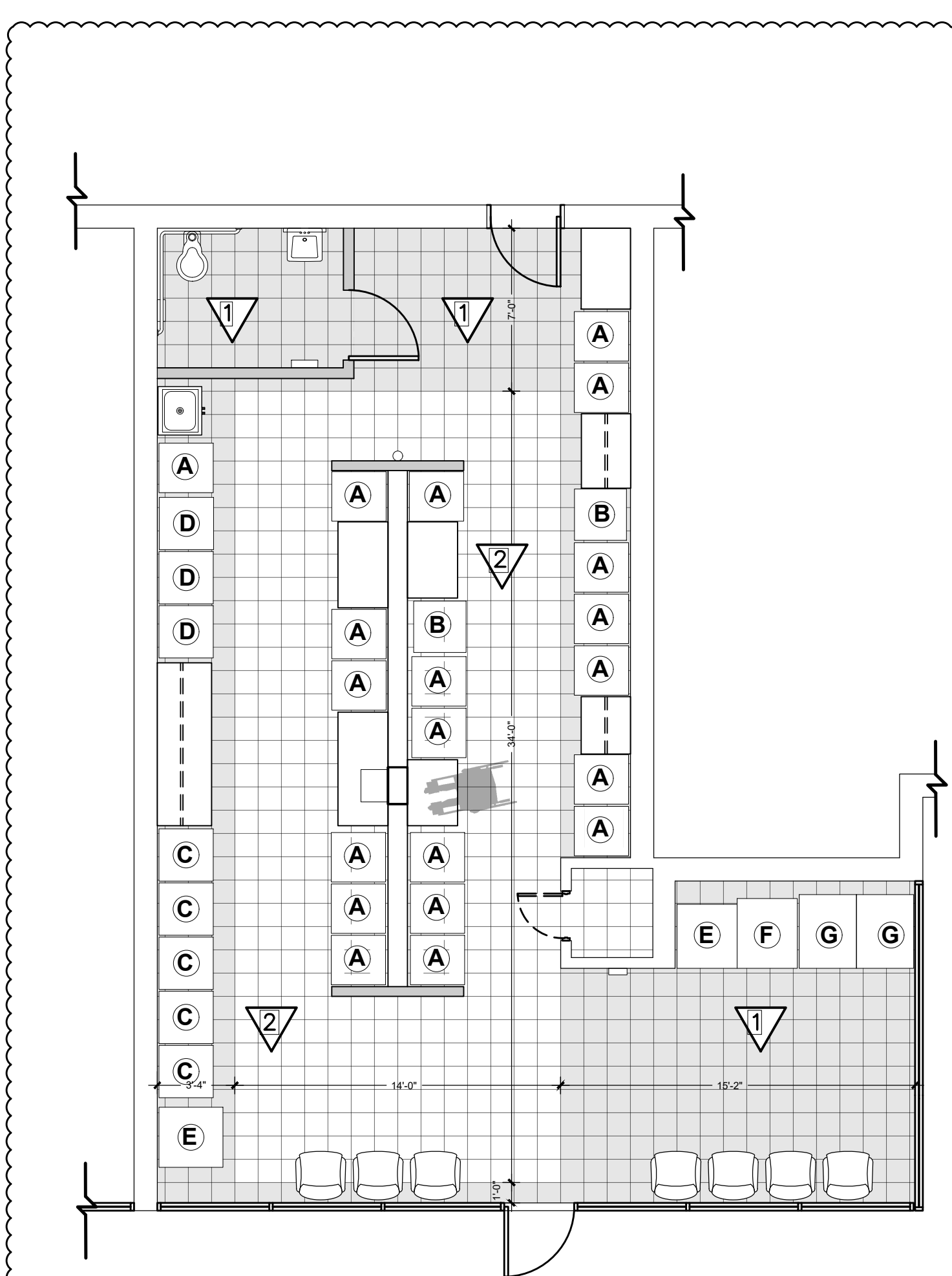
**9 LAUNDRY ROOM ELEVATION**

A102.2 SCALE: 1/4" = 1'-0"



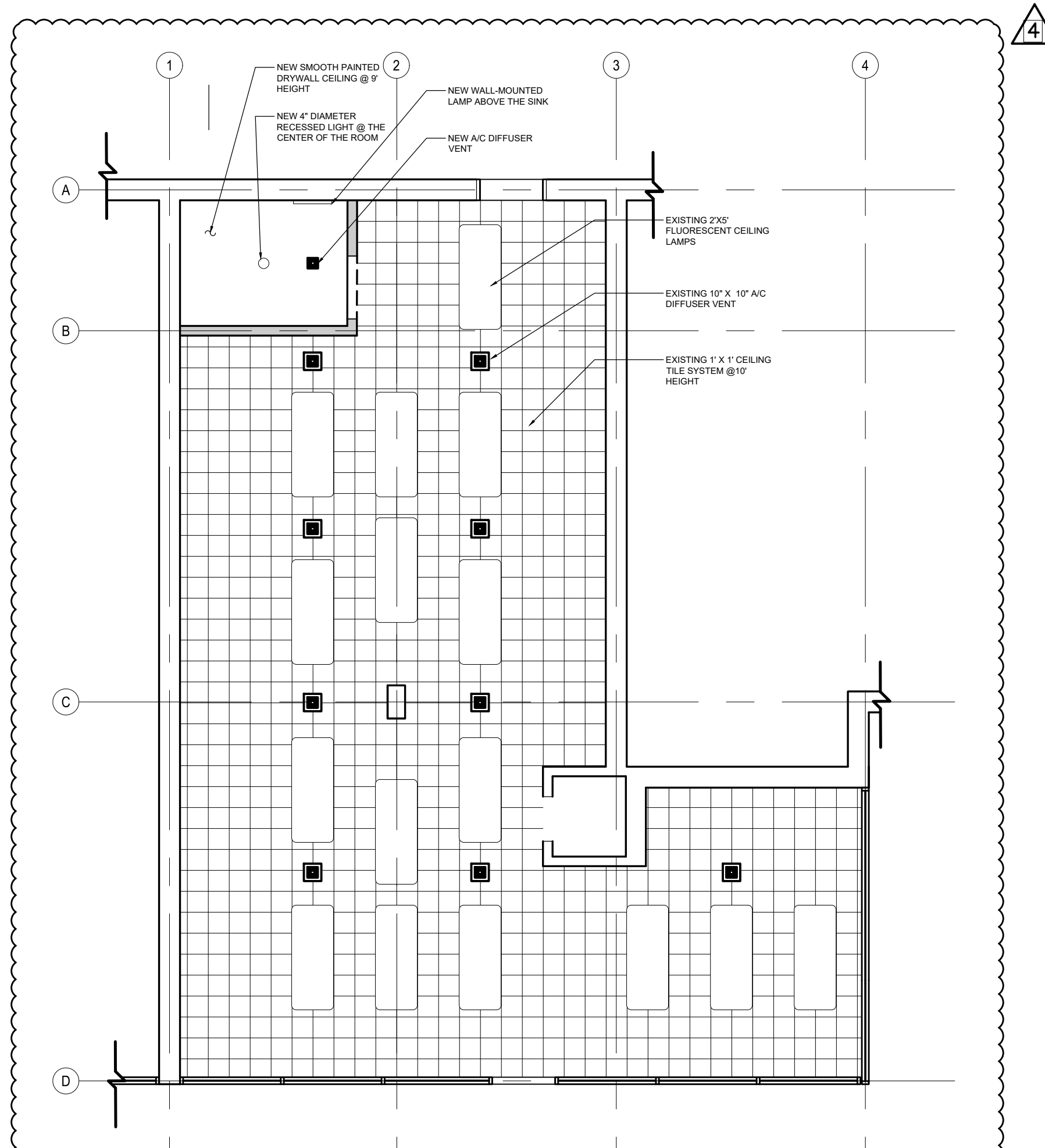
**11 BATHROOM ELEVATION**

A102.2 SCALE: 1/4" = 1'-0"



**10 FINISH FLOOR PLAN**

A102.2 SCALE: 3/16" = 1'-0"



**12 REFLECTED CEILING PLAN**

A102.2 SCALE: 3/16" = 1'-0"

**FLOOR FINISH SCHEDULE**

SYMBOL	TYPE	MANUFACTURER	NAME	COLOR	SIZE	MODEL
1	VCT	ARMSTRONG FLOORING	AQUATINT	GREY	12"X12"X1/8"	54805
2	VCT	ARMSTRONG FLOORING	BLUE CLOUD	WHITE	12"X12"X1/8"	51933
BASE	VCT	ARMSTRONG FLOORING	LIGHT GRAY	LIGHT GRAY	4"X1/8" STRIP	V6869

**PAINT NOTES:**

- A. INSTALLER QUALIFICATIONS: A FIRM OR INDIVIDUAL EXPERIENCED IN APPLYING PAINTS AND COATINGS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT, WHOSE WORK HAS RESULTED IN APPLICATIONS WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- B. PAINT EXPOSED SURFACES. IF A COLOR OF FINISH, OR A SURFACE IS NOT SPECIFICALLY MENTIONED, ARCHITECT WILL SELECT FROM STANDARD PRODUCTS, COLORS AND SHEENS AVAILABLE. DO NOT PAINT PRE-FINISHED ITEMS, CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND LABELS UNLESS INDICATED.
- \*\* NOTE TO SPECIFIER \*\* INCLUDE A MOCK-UP IF THE PROJECT SIZE AND/OR QUALITY WARRANT TAKING SUCH A PRECAUTION. THE FOLLOWING IS ONE EXAMPLE OF HOW A MOCK-UP ON A LARGE PROJECT MIGHT BE SPECIFIED. WHEN DECIDING ON THE EXTENT OF THE MOCK-UP, CONSIDER ALL THE MAJOR DIFFERENT TYPES OF WORK ON THE PROJECT.
- B. MOCK-UP: PROVIDE A MOCK-UP FOR EVALUATION OF SURFACE PREPARATION TECHNIQUES AND APPLICATION WORKMANSHIP.
  - 1. FINISH SURFACES FOR VERIFICATION OF PRODUCTS, COLORS AND SHEENS.
  - 2. FINISH AREA DESIGNATED BY ARCHITECT.
  - 3. PROVIDE SAMPLES THAT DESIGNATE PRIMER AND FINISH COATS.
  - 4. DO NOT PROCEED WITH REMAINING WORK UNTIL THE ARCHITECT APPROVES THE MOCK-UP.

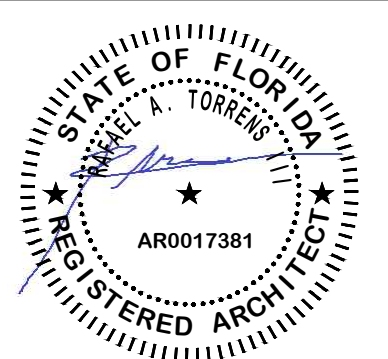
REV. NO.	DATE	DESCRIPTION
12-16-2019		BUILDING DEPARTMENT COMMENTS
01-29-2020		BUILDING DEPARTMENT COMMENTS
08-19-2020		BUILDING DEPARTMENT COMMENTS
10-22-2020		BUILDING DEPARTMENT COMMENTS

**NOTES:**

**DISCIPLINE INFORMATION:**

PROFESSIONAL OF RECORD: RAFAEL A. TORRENS	STAFF DESIGNER: JAVIER PUERTO
Q.C. AUDITOR: RAFAEL A. TORRENS	PRINCIPAL CAD TECHNICIAN: JAVIER PUERTO
PROJECT MANAGER: YELIX RENTAS	

**PROFESSIONAL SEAL:**



**PROJECT:**

VCA IMPROVEMENTS

PALM CENTRE

150 EAST 1ST AVENUE  
HIALEAH, FL 33010

**DATE**    **ISSUE DESCRIPTION**

07/12/2019    ISSUED FOR PERMIT

**DRAWING INFORMATION:**



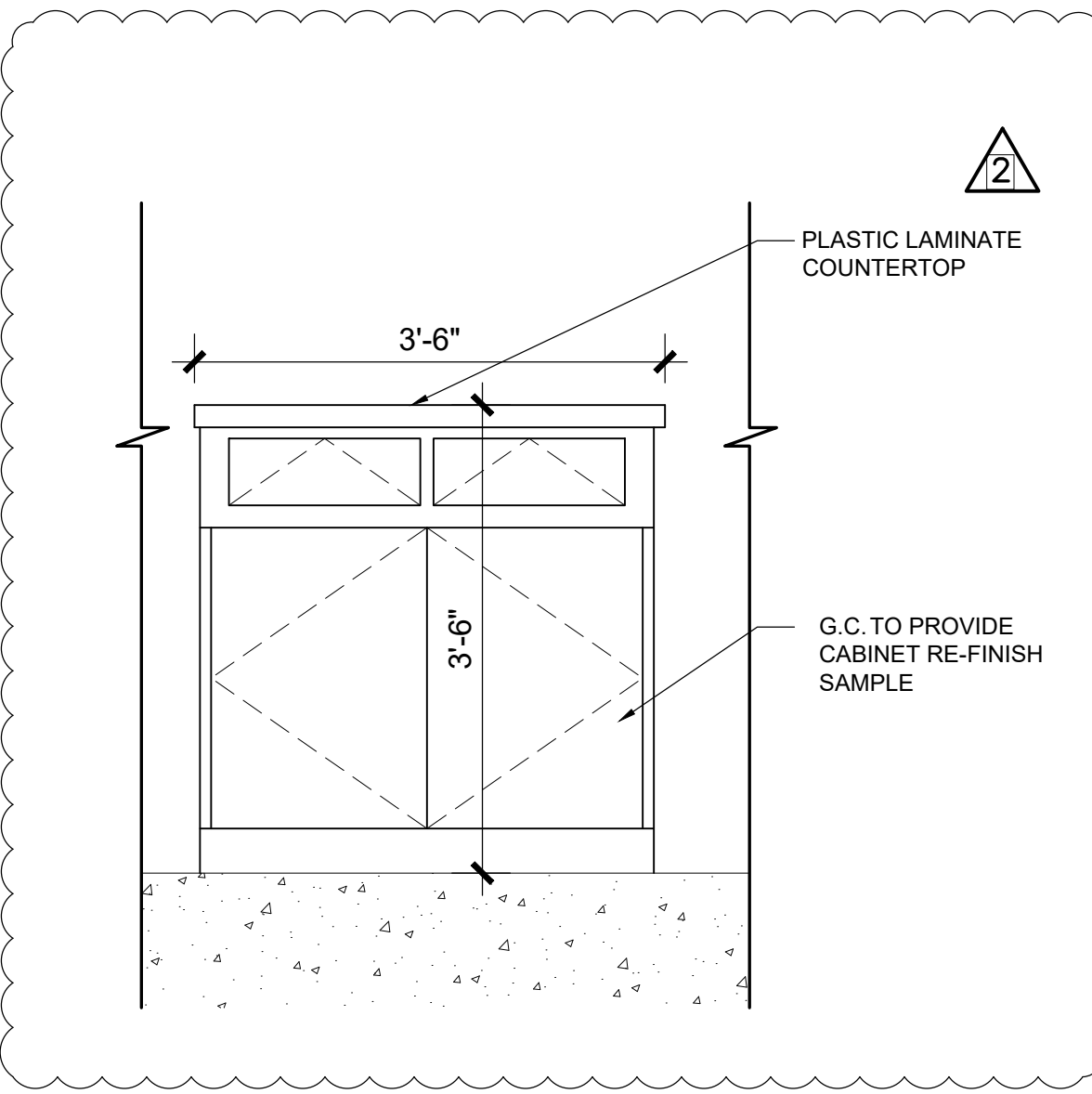
SHEET TITLE:

PROPOSED LAUNDRY ROOM  
DETAILS

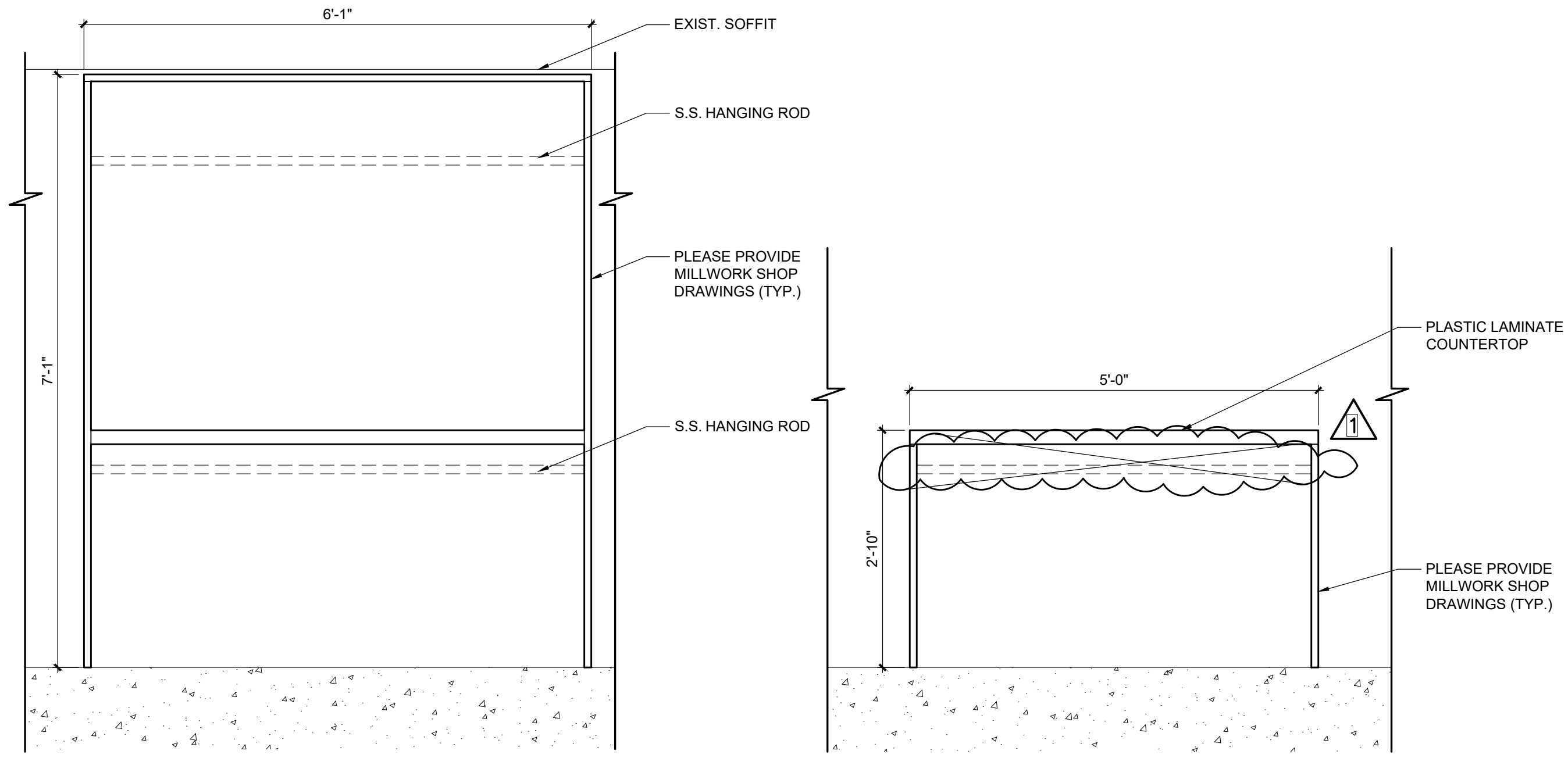
DELIVERY DATE:	PROJECT NUMBER:
04/10/2019	18-0221-06
PRINT DATE & TIME:	CAD FILE NAME:
04/10/2019	A500.1

DRAWING LOCATION:  
A:\Projects\mia\_projects\0418-0221\C06\Technical\08Architecture\DWG

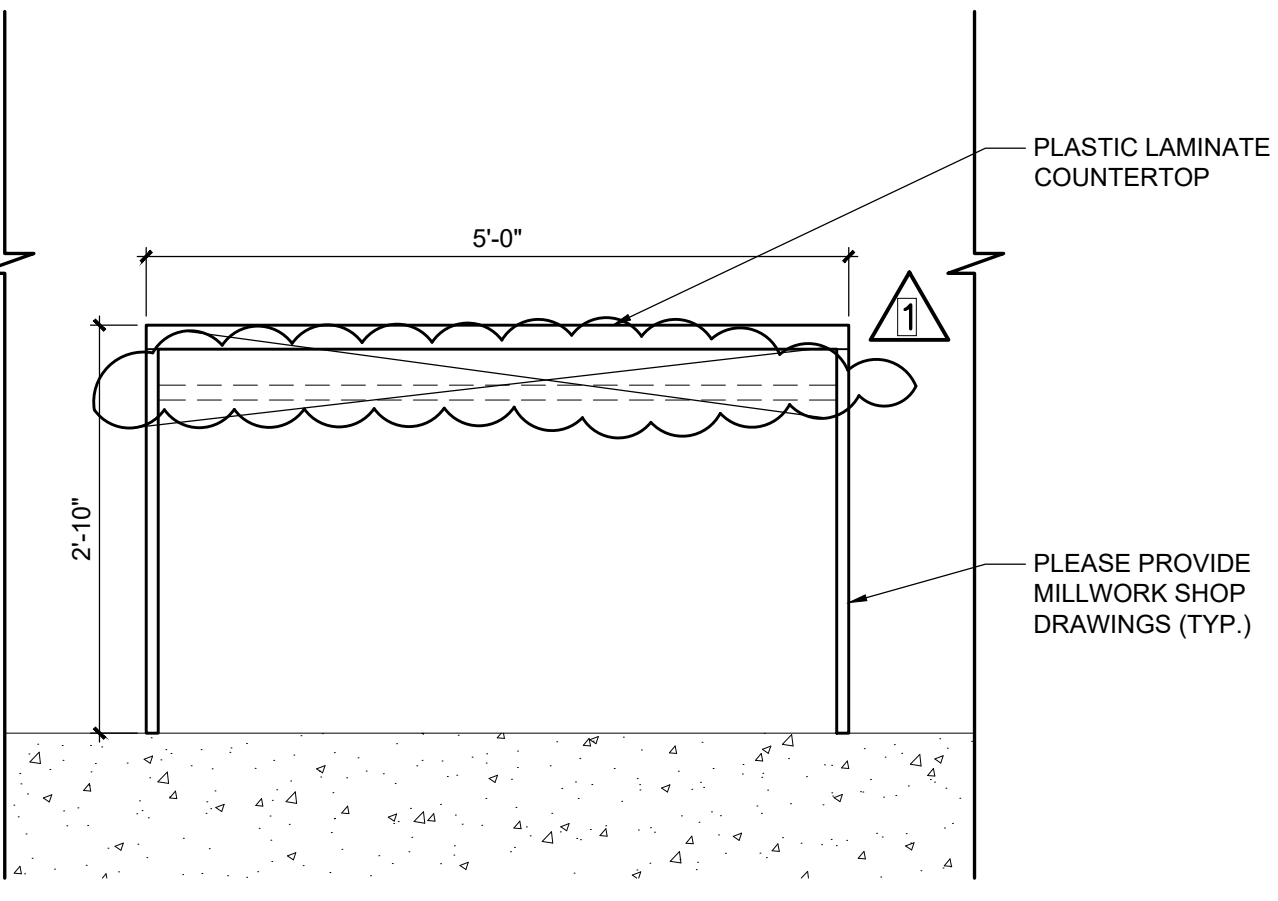
SHEET NO. **A500.1**



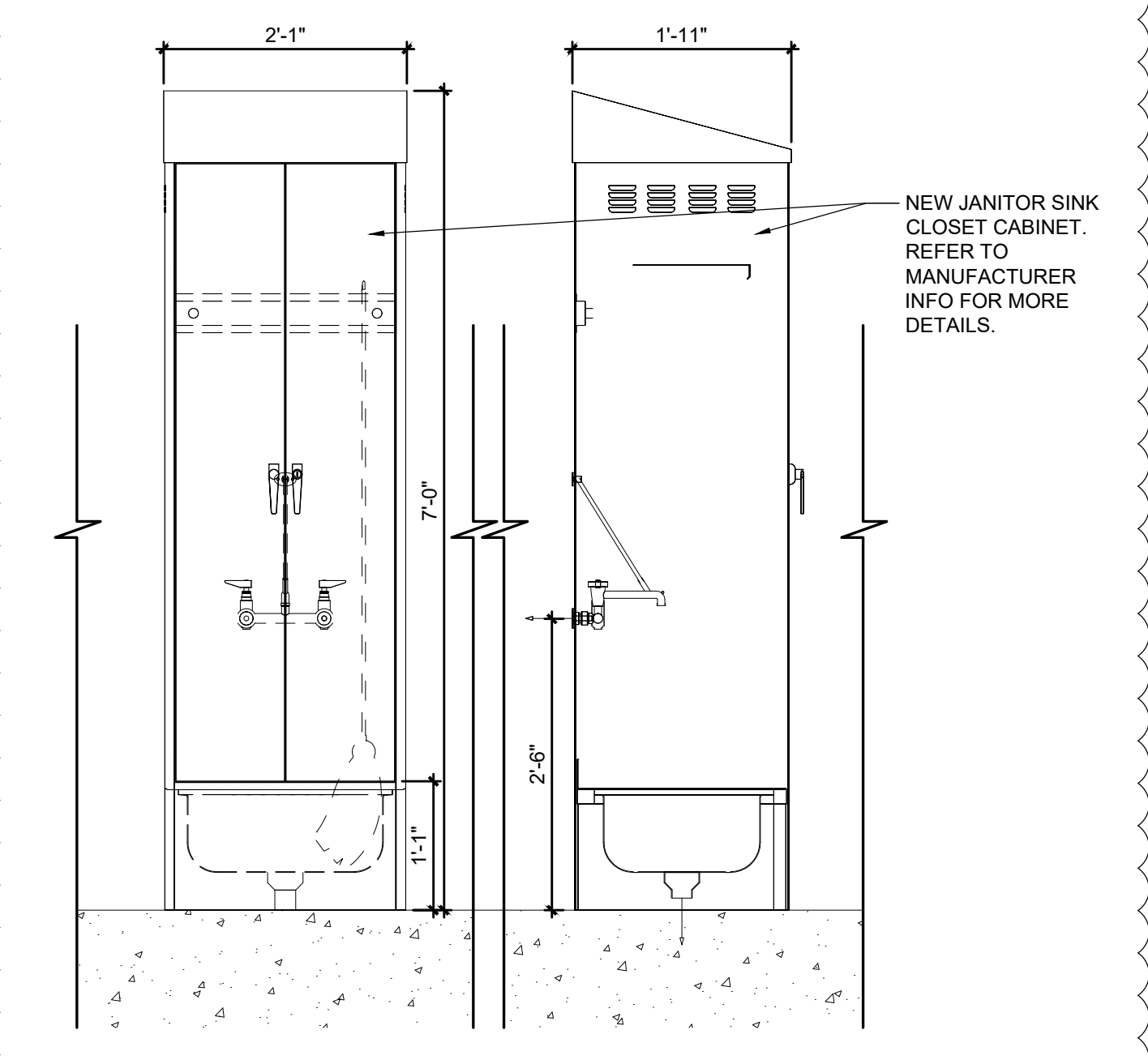
**1 GARBAGE CABINET DETAIL**  
A500.1 SCALE: 3/4" = 1'-0"



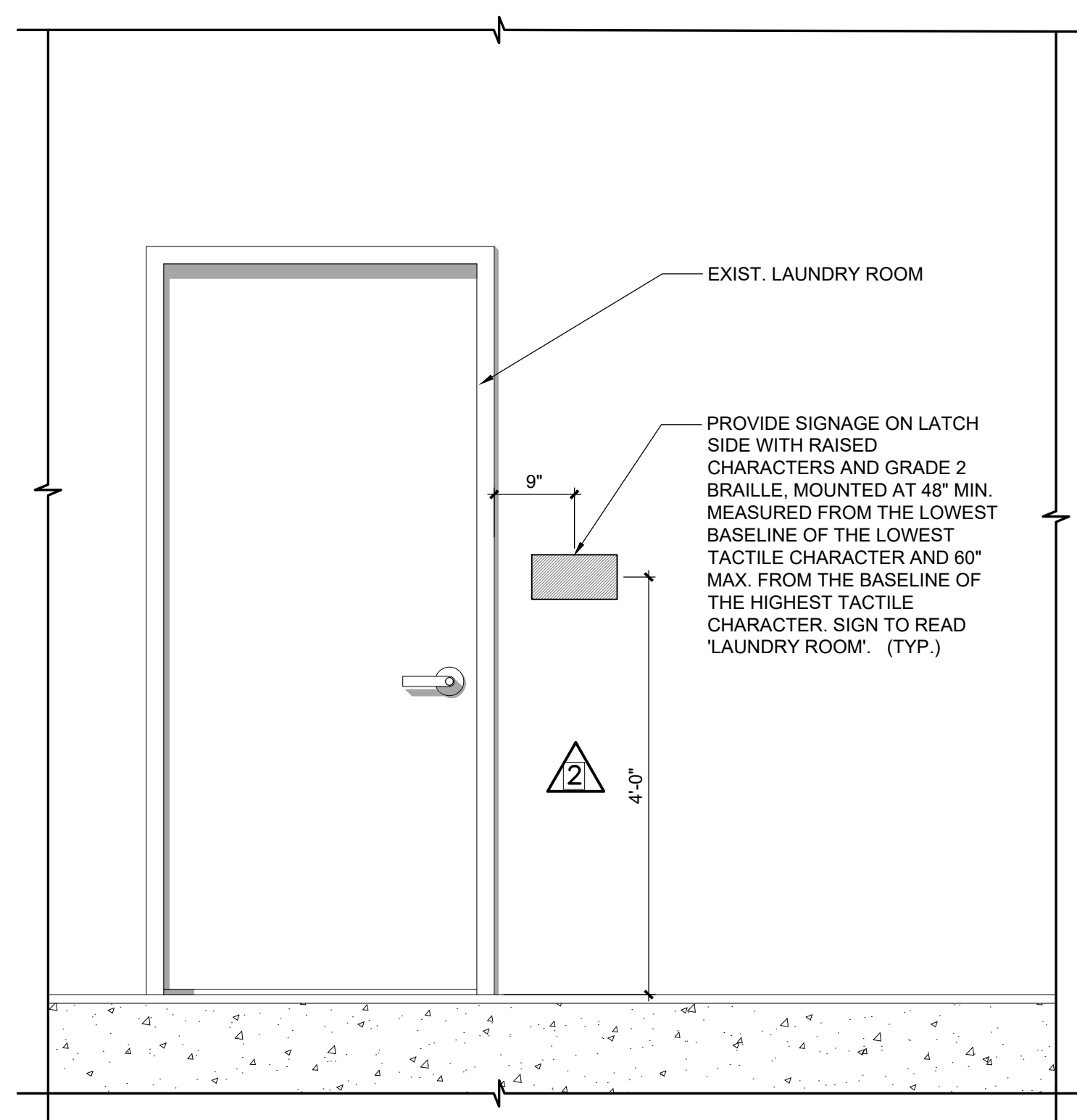
**2 CABINET DETAIL**  
A500.1 SCALE: 3/4" = 1'-0"



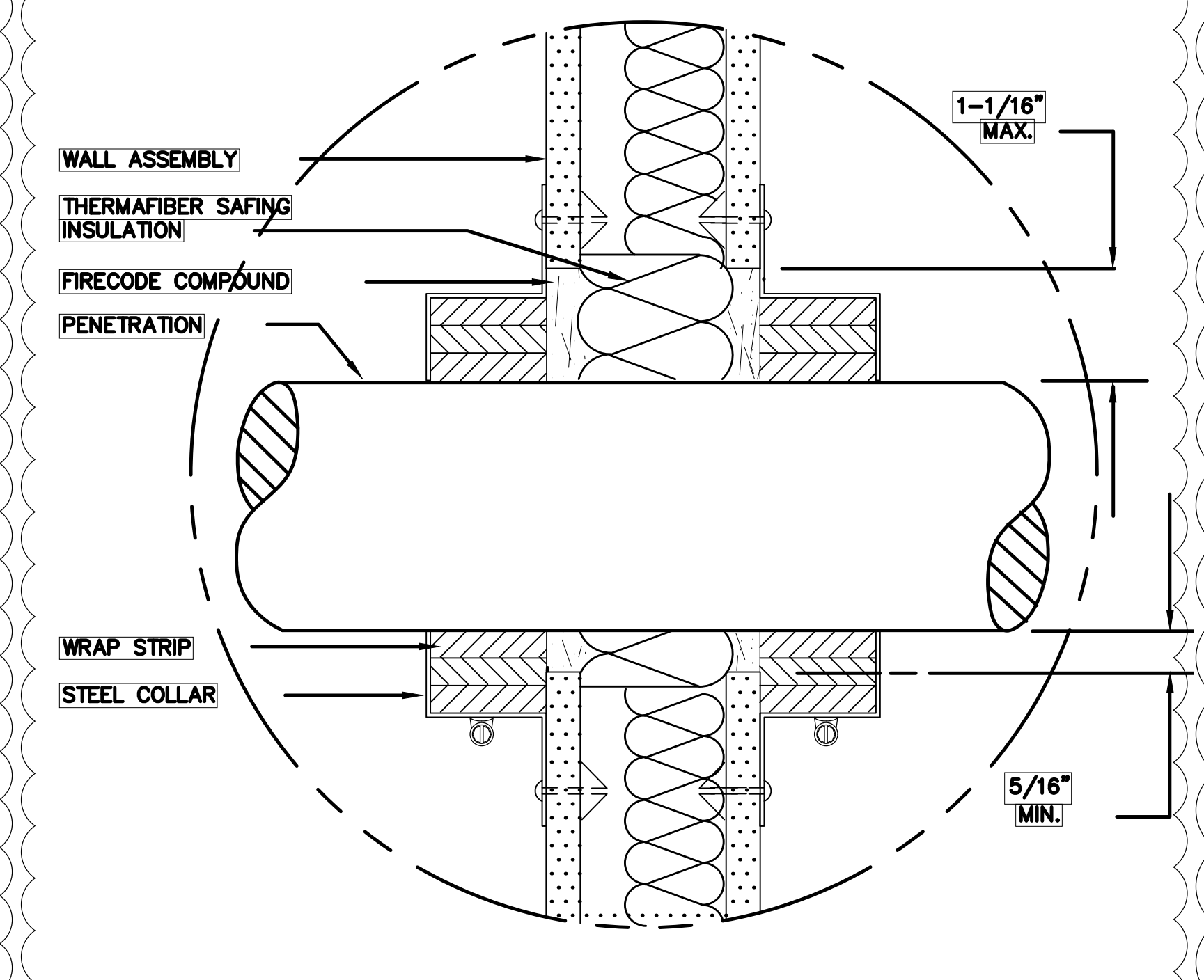
**3 TABLE DETAIL**  
A500.1 SCALE: 3/4" = 1'-0"



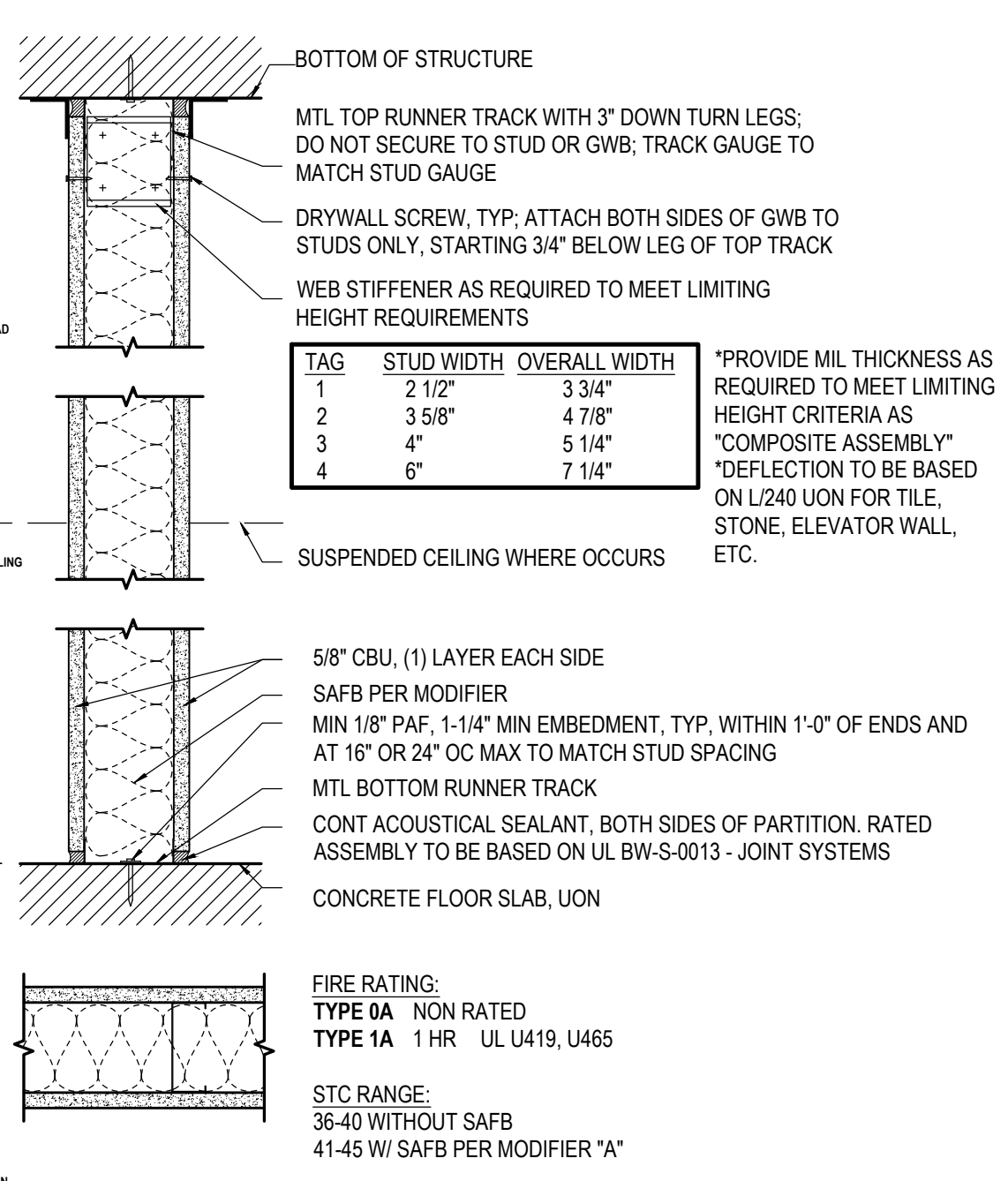
**5 NEW MOP SINK STORAGE CABINET**  
A500.1 SCALE: 3/4" = 1'-0"



**4 INTERIOR BUILDING CORRIDOR ACCESS DOOR SIGNAGE**  
A500.1 SCALE: 1/2" = 1'-0"

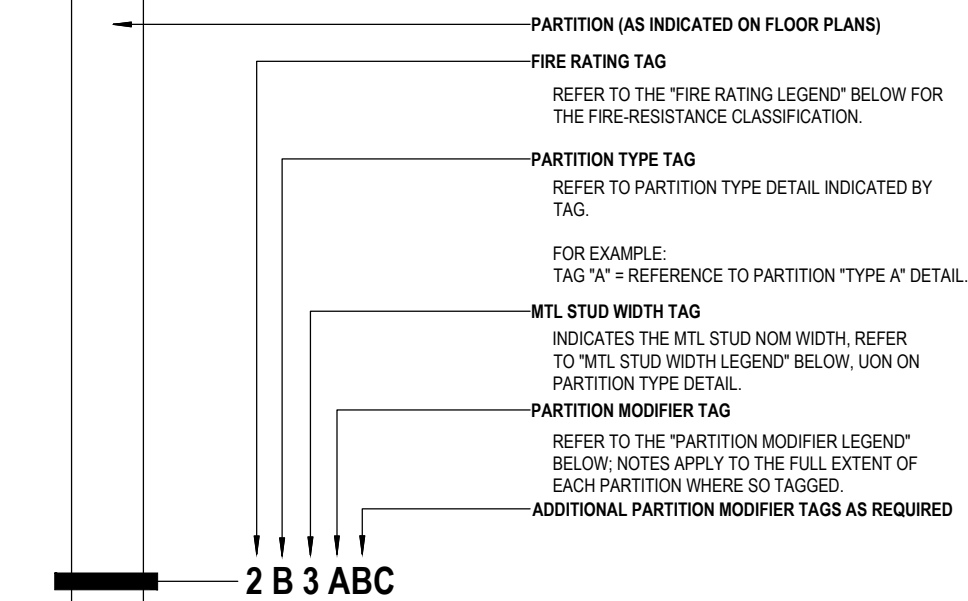


**7 WALL ASSEMBLY DETAIL**  
A500.1 SCALE: 1:1



**6 WALL DETAIL**  
A500.1 SCALE: 3/4" = 1'-0"

- GENERAL NOTES**
- REFER TO INDICATED DRAWINGS FOR HEAD DETAILS. HEAD CONDITION AS APPLICABLE TO SUPPORT CONDITION.
  - PROVIDE TYPE 'X' GWB AT ALL SMOKE PARTITIONS.
  - SMOKE BARRIERS SHALL RESIST THE PASSAGE OF AIR AT THE RATE OF NOT MORE THAN 5.0 CFM/SF AT BOTH AMBIENT TEMPERATURES & 400 DEG F AT A PRESSURE DIFFERENTIAL OF 0.30" WATER COLUMN.
  - MOISTURE RESISTANT, PAPERLESS, COATED FIBERGLASS MAT WATER RESISTANT GYPSUM WALL BOARD TO BE UTILIZED ON THE OUTER LAYER OF ALL PARTITIONS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE, STONE TILE OR ANY MATERIAL THAT IS SECURE WITH ADHESIVES OR THIN-SET MORTARS.
  - PROVIDE 1/2" GIBBER BOARD AT ALL SHOWER AND TUB LOCATIONS. EXTEND A MINIMUM OF 12 INCHES BEYOND WET AREA AS DEFINED BY SHOWER GLASS, CURTAIN, OR TUB EDGE.
  - MOISTURE RESISTANT GWB TO BE USED AT ALL STAIR SHAFTS, ELEVATOR SHAFTS, HVAC SHAFTS, PLUMBING CHASE, EXTERIOR WALLS, JANITOR CLOSETS, MECHANICAL ROOM INCLUDING BULKHEADS, AND OTHER AREAS WHERE MOISTURE COULD OCCUR AND AS SPECIFICALLY SCHEDULED AND/OR NOTED.
  - PROVIDE UL COMPLIANT FIRE AND SMOKE STOP SYSTEMS AT ALL HEAD OF WALL, BOTTOM OF WALL AND FOR ALL PENETRATIONS AND AS SPECIFICALLY SHOWN OR SCHEDULED.
  - ALL BRACING AND UNBRACED LENGTHS TO BE DESIGNED AND BASED ON SSMA (STEEL STUD MANUFACTURERS ASSOCIATION) PRODUCT TECHNICAL GUIDE (WWW.SSMA.ORG).
  - PROVIDE THE APPROPRIATE HEAD CONNECTION DETAIL BASED ON FIRE RATINGS AND ON CONNECTION CONDITION AT DECK OR BEAM.



**FIRE RATING LEGEND**

THE COMPLETE ASSEMBLY OF EACH PARTITION WITH A FIRE-SMOKE RATING TAG SHALL COMPLY WITH ALL REQUIREMENTS OF THE FIRE-RESISTANCE/SMOKE BARRIER RATING CLASSIFICATION.

TAG	RATING CLASSIFICATION
0	NON-RATED PARTITION
1	60 MIN FIRE-RESISTANCE RATED PARTITION
2	120 MIN FIRE-RESISTANCE RATED PARTITION
3	180 MIN FIRE-RESISTANCE RATED PARTITION
4	240 MIN FIRE-RESISTANCE RATED PARTITION

**MTL STUD WIDTH LEGEND**

TAG	STUD WIDTH	TAG	STUD WIDTH
0	1 7/8" FLUORING CHANNEL	4	4"
1	1-5/8"	5	5"
2	2-1/2"	6	6"
3	3-5/8"		

**PARTITION MODIFIER LEGEND**

THE FOLLOWING NOTES APPLY TO THE FULL EXTENT OF EACH PARTITION, WHERE "PARTITION MODIFIER" CHARACTER(S) ARE SHOWN ON THE TAG:

TAG	DESCRIPTION
A	PROVIDE SAFB MINERAL WOOL INSULATION IN FULL WIDTH LESS 1/2" OF METAL STUD CAVITY AS SHOWN
B	PROVIDE IMPACT/ABUSE RESISTANT GYPSUM BOARD COMPLYING WITH HARD BODY IMPACT CLASSIFICATION LEVEL 3
C	IN LIEU OF INNER LAYER OF GYPSUM BOARD ON OUTER SIDE OF STAIR OR ELEVATOR ENCLOSURE OR 2 LAYERS OF IMPACT RESISTANT BOARD EACH OF WHICH COMPLIES WITH HARD BODY IMPACT CLASSIFICATION LEVEL 2
D	PROVIDE 3/4" FR PLYWOOD IN LIEU OF INNER LAYER OF GYPSUM BOARD ON CORRIDOR SIDE OF PARTITION

2 B 3 ABC



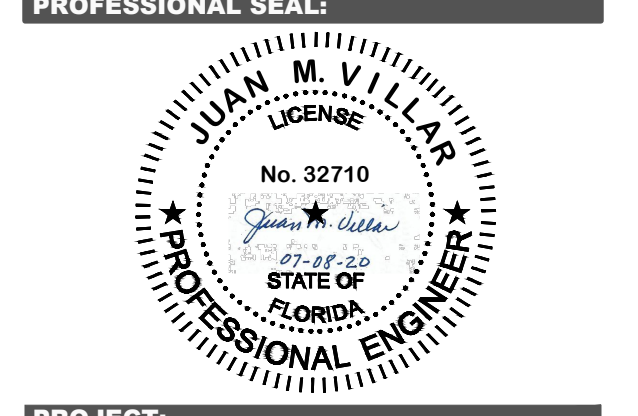


REV. NO.	DATE	DESCRIPTION

NOTES:

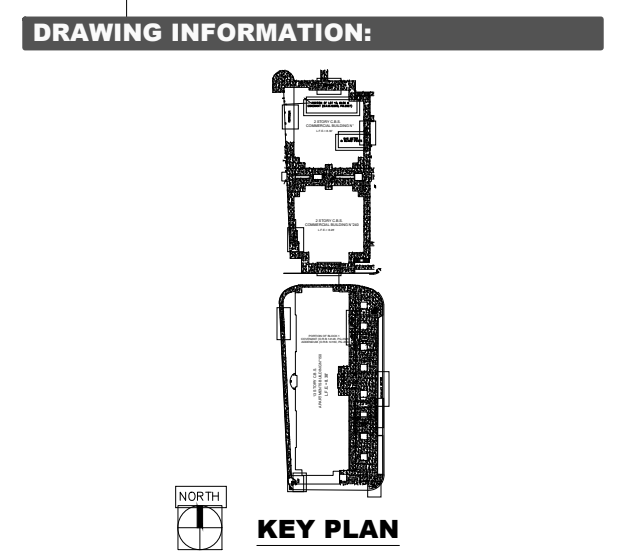
DISCIPLINE INFORMATION:

PROFESSIONAL OF RECORD: JUAN M. VILLAR	START DESIGNER: GILBERT CRUZ
D.C. AUDITOR: RAFAEL A. TORRES	PRINCIPAL CAD TECHNICIAN: GILBERT CRUZ
PROJECT MANAGER: FELIX MARTINEZ	



PROJECT:  
VCA IMPROVEMENTS  
PALM CENTRE  
150 EAST 1ST AVENUE  
HIALEAH, FL 33010

DATE	ISSUE DESCRIPTION
07/22/2019	ISSUED FOR PERMIT



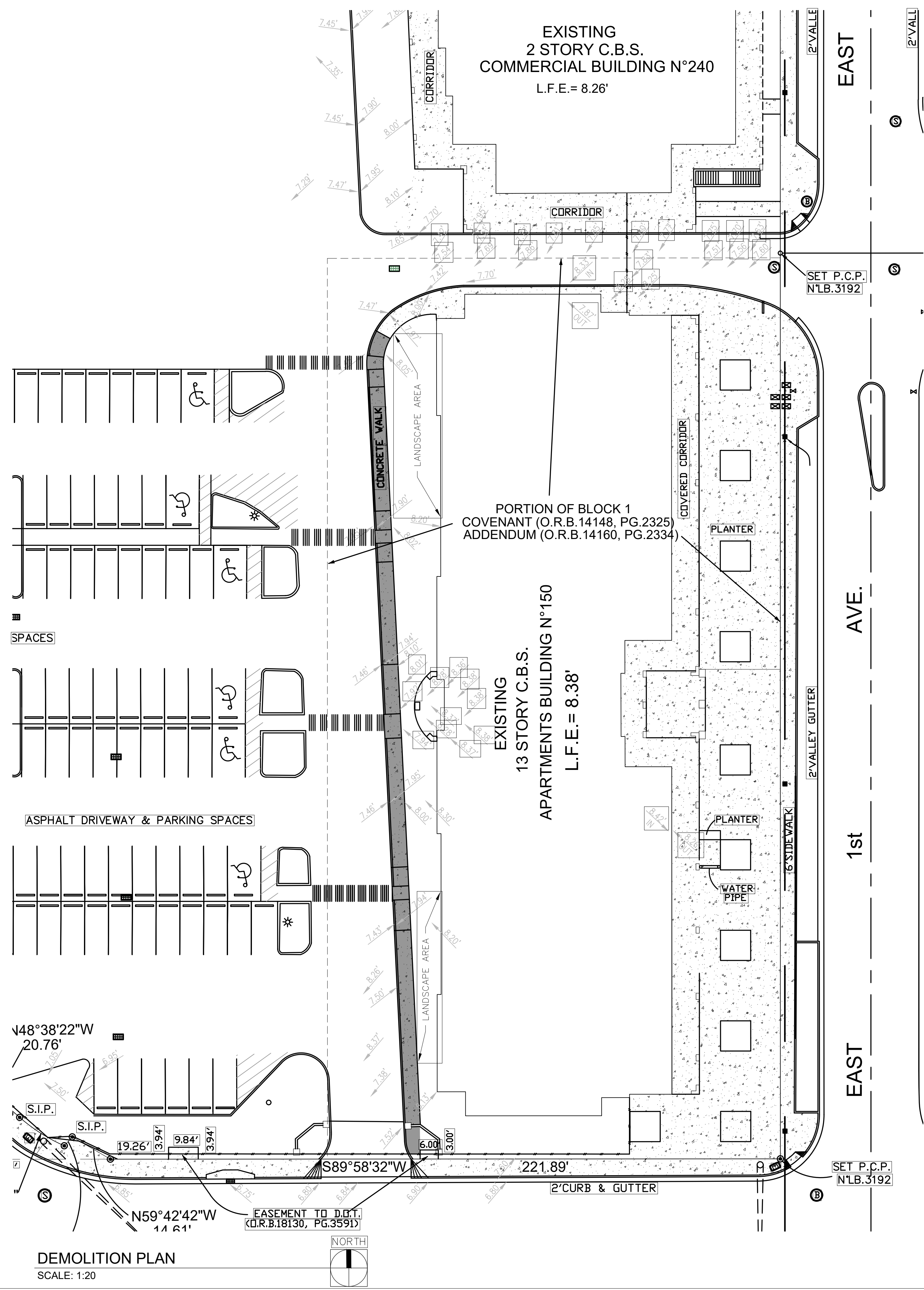
SHEET TITLE:  
**DEMOLITION PLAN**

DELIVERY DATE: 04/10/2019	PROJECT NUMBER: 18-0221-06
PRINT DATE & TIME: 04/10/2019	CAD FILE NAME: CD101
DRAWING LOCATION: A:\Projects\mia_projects\0418-0221\CD06\technical\05C\m\DWG	

SHEET NO. **CD101**  
2 OF 03

**DEMOLITION NOTES**

- IT IS THE CONTRACTOR RESPONSIBILITY TO INSURE HIS/HER COMPLETE FAMILIARITY WITH THE PROJECT SITE AND THE OVERALL SCOPE OF PROJECT. BY SUBMITTAL OF A BID FOR THE PROJECT, THE CONTRACTOR ACKNOWLEDGES HIS/HER COMPLETE UNDERSTANDING AND RESPONSIBILITIES WITH RESPECT TO THE EXISTING CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRED UNDER THE SCOPE OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE OF INSURING THAT ALL CONSTRUCTION SHALL BE COMPLETE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY ACT (LATEST EDITION) AND ALL STATE, COUNTY AND MUNICIPAL SAFETY AND HEALTH REGULATIONS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING ABOVE GROUND STRUCTURES/IMPROVEMENTS AND/OR BELOW GROUND UTILITIES NOT SHOWN ON THE PLANS TO BE REMOVED BY THE PROJECT'S CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO AND/OR REPLACE ANY EXISTING STRUCTURES/IMPROVEMENTS AND/OR BELOW GROUND UTILITIES NOT NOTED FOR REMOVAL AND DAMAGED BY CONSTRUCTION ACTIVITIES AT NO EXPENSE TO THE OWNER.
- DISPOSAL OF ALL DEMOLITION MATERIALS SHALL BE MADE OUTSIDE THE LIMITS OF THE CONSTRUCTION/PROJECT AT A LEGAL DISPOSAL SITE AT THE EXPENSE OF THE CONTRACTOR. DISPOSAL OF DEMOLITION MATERIALS SHALL OCCUR ON A PERIODIC BASIS SO AS TO AVOID THE BUILD-UP OF EXCESSIVE DEMOLITION MATERIALS WITHIN THE PROJECT LIMITS AS NECESSARY TO ADDRESS SAFETY AND HEALTH ISSUES AND INSURE THE OWNERS' PROPER USE OF HIS/HER FACILITIES AND CONTINUED NORMAL BUSINESS OPERATIONS.
- CONTRACTOR SHALL SAWCUT THE EXISTING CONCRETE SIDEWALK/WALKWAY AND CURB ALONG APPLICABLE LIMITS OF REMOVAL PRIOR TO REMOVAL TO PROVIDE A STRAIGHT EVEN LINE FOR ANY APPLICABLE JOINING/CONNECTION OF NEW CONCRETE AND/OR PAVEMENT IMPROVEMENTS.
- REFER TO OTHER PROJECT RELATED PLANS (SITE PLAN, LANDSCAPE AND IRRIGATION PLANS, SITE LIGHTING PLAN, SITE ENGINEERING IMPROVEMENTS PLANS AND DETAILS/SECTIONS RELATED PLANS) FOR CONFIRMATION OF THE FULL SCOPE OF CONSTRUCTION AS IT APPLIES TO THE LIMITS AND SCOPE OF THE DEMOLITION WORK/ACTIVITIES AND TO INSURE PROPER COORDINATION OF THE DEMOLITION.
- REFER TO OTHER PROJECT RELATED PLANS (SITE PLAN, LANDSCAPE PLAN, SITE LIGHTING / ELECTRICAL PLANS AND SITE ENGINEERING MODIFICATIONS PLAN / DETAILS / SECTIONS) FOR CONFIRMATION OF THE FULL SCOPE OF CONSTRUCTION AS IT APPLIES TO THE LIMITS AND SCOPE OF THE DEMOLITION WORK / ACTIVITIES AND TO INSURE PROPER COORDINATION OF THE DEMOLITION WORK / ACTIVITIES WITH THE OTHER REQUIRED CONSTRUCTION WORK / ACTIVITIES.
- THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES AND OTHER FEATURES AFFECTING THE WORK PRIOR TO DEMOLITION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY AFFECT THE DEMOLITION WORK.
- CHAPTER 553.851 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL UTILITIES A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, SUPERVISION, AND EQUIPMENT REQUIRED FOR THE ORDERLY DEMOLITION AND REMOVAL OF EXISTING STRUCTURES, PAVEMENT AND UTILITIES AS SHOWN ON THE DRAWINGS AND DESCRIBED HEREIN.
- WET DOWN CONCRETE SIDEWALK / CURBING AND DEBRIS DURING DEMOLITION AND LOADING OPERATIONS TO PREVENT THE SPREAD OF DUST (AS APPLICABLE TO PROJECT).
- ALL EXISTING UNDERGROUND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AT THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES, GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO REMOVAL OR RELOCATION OF ANY ELECTRICAL, TELEPHONE, CABLE AND / OR GAS LINES. SUFFICIENT TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
- CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER / ENGINEER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINANT IS ENCOUNTERED DURING THE DEMOLITION / EXCAVATION PROCESS.
- PRIOR TO DEMOLITION OCCURRING ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED BY THE CONTRACTOR PER THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.) GENERAL PERMIT REQUIREMENTS AND / OR LOCAL GOVERNMENT REQUIREMENTS.
- ALL SIGNS OUTSIDE THE DEMOLITION AREA ARE TO REMAIN UNLESS OTHERWISE SPECIFIED.
- ANY MUCK ENCOUNTERED UNDER PROPOSED STRUCTURES SHALL BE REMOVED TO 5 FT. BEYOND THE FOOTPRINT OF THAT STRUCTURE BACKFILL WITH APPROVED FILL / BEDDING MATERIAL SATISFYING ALL COMPACTION REQUIREMENTS.
- ALL EXISTING UTILITIES WITHIN THE DEMOLITION SITE AREA NOTED TO BE ADJUSTED REMOVED OR RELOCATED AT THE CONTRACTOR'S EXPENSE. ACTUAL WORK SHALL BE COORDINATED BY THE CONTRACTOR DIRECTLY W/ THE APPROPRIATE UTILITY COMPANY. ALL EXPENSES SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION.
- ALL DEMOLITION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ALL APPLICABLE GOVERNMENT REGULATIONS SHALL BE STRICTLY OBSERVED.
- PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES. EXECUTE THE WORK IN A MANNER TO AVOID HAZARDS TO PERSONS AND PROPERTY AND PREVENT INTERFERENCE WITH THE USE OF AND ACCESS TO ADJACENT BUILDINGS, STREETS AND SIDEWALKS SHALL NOT BE UNNECESSARILY BLOCKED BY DEBRIS AND EQUIPMENT.
- IF PETROLEUM PRODUCTS ARE FOUND WHILE DEMOLISHING AND / OR EXCAVATING, PETROLEUM WASTE SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.



EXISTING  
2 STORY C.B.S.  
COMMERCIAL BUILDING N°240  
L.F.E. = 8.26'

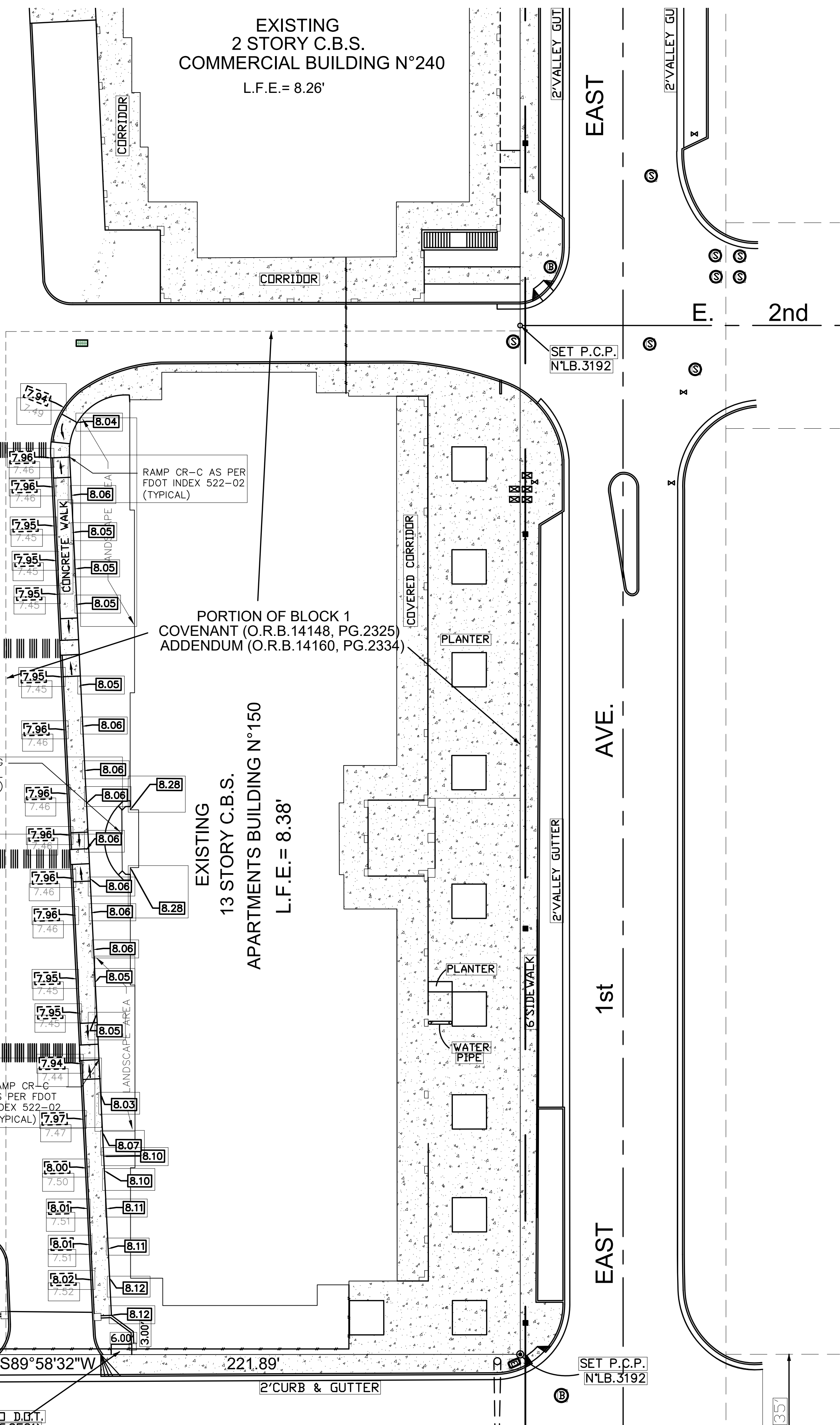
EAST

E. 2nd

AVE.

1st

EAST



SPACES  
PROP. RAILING  
(SEE ARCHITECTURAL  
DRAWINGS)  
ASPHALT DRIVEWAY & PARKING SPACES

RAMP CR-C AS PER  
FDOT INDEX 522-02  
(TYPICAL)

PORTION OF BLOCK 1  
COVENANT (O.R.B. 14148, PG. 2325)  
ADDENDUM (O.R.B. 14160, PG. 2334)

EXISTING  
13 STORY C.B.S.  
APARTMENTS BUILDING N°150  
L.F.E. = 8.38'

RAMP CR-C  
AS PER FDOT  
INDEX 522-02  
(TYPICAL)

$\backslash 48^{\circ}38'22''W$   
20.76'

19.26'  
3.94'  
9.84'  
3.94'

$\backslash 59^{\circ}42'42''W$   
EASEMENT TO D.O.T.



PROPOSED GRADING PLAN  
SCALE: 1:20

SET P.C.P.  
N°L.B. 3192

SET P.C.P.  
N°L.B. 3192

**LEGEND**

0.00'	EXISTING TOP OF CURB ELEVATION
0.00	EXISTING BOTTOM OF CURB ELEVATION
0.00	DENOTES PROPOSED CURB ELEVATION

**CSAGROUP**  
EST. 1956

CSA Central, Inc.  
CSA Group | 8200 N.W. 41st Street | Suite 305  
Doral, Florida 33166  
Tel : (305) 461-5484  
Fax : (305) 461-5494  
Web : www.csagroup.com

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**CLIENT:**

**IN ASSOCIATION WITH:**

**REV. NO. DATE DESCRIPTION**


**NOTES:**

**DISCIPLINE INFORMATION:**

PROFESSIONAL OF RECORD: JUAN M. VILLAR	STAFF DESIGNER: GILBERT CRUZ
D.C. AUDITOR: RAFAEL A. TORRES	PRINCIPAL CAD TECHNICIAN: GILBERT CRUZ
PROJECT MANAGER: FELIX PRINCES	

**PROFESSIONAL SEAL:**

**PROJECT:**  
VCA IMPROVEMENTS  
  
PALM CENTRE  
  
150 EAST 1ST AVENUE  
HIALEAH, FL 33010

**DATE ISSUE DESCRIPTION**

07/22/2019	ISSUED FOR PERMIT

**DRAWING INFORMATION:**

**KEY PLAN**

SHEET TITLE:  
**PROPOSED GRADING PLAN**

DELIVERY DATE: 04/10/2019	PROJECT NUMBER: 18-0221-06
PRINT DATE & TIME: 04/10/2019	CAD FILE NAME: CS100
DRAWING LOCATION: A:\Projects\mva_projects\04118-0221\06\08\technical\05Cv\DWG	

SHEET NO. **CS100**

### AIR DEVICE SCHEDULE

ID	FUNCTION	TYPE	CFM	DIMENSIONS	P.D. IN. WG.	CONSTRUCTION MATERIAL	FINISH	DAMPER	MANUFACTURER	MODEL	REMARKS
EG	EXHAUST AIR	EXHAUST GRILLE	SEE DRAWINGS	SEE DRAWINGS	-	ALUMINUM	OFF-WHITE	OBD	METALAIRE	RHD	-

### EXHAUST FAN SCHEDULE

UNIT. No.	LOCATION	AREA SERVED	TYPE	CFM EXHAUST	CFM SUPPLY	S.P. IN. WG.	DRIVE	SONES	MOTOR						MFGR.	MODEL	REMARKS
									BHP	HP.	RPM	VOLTS	PH	HZ			
EF-10	HIALEAH LAUNDRY	BATHROOM	EXHAUST	100	-	0.50	DIRECT	4.5	0.03	1/4	1120	115	1	60	GREENHECK	G-097-VG	SEE NOTES 1 THRU 5

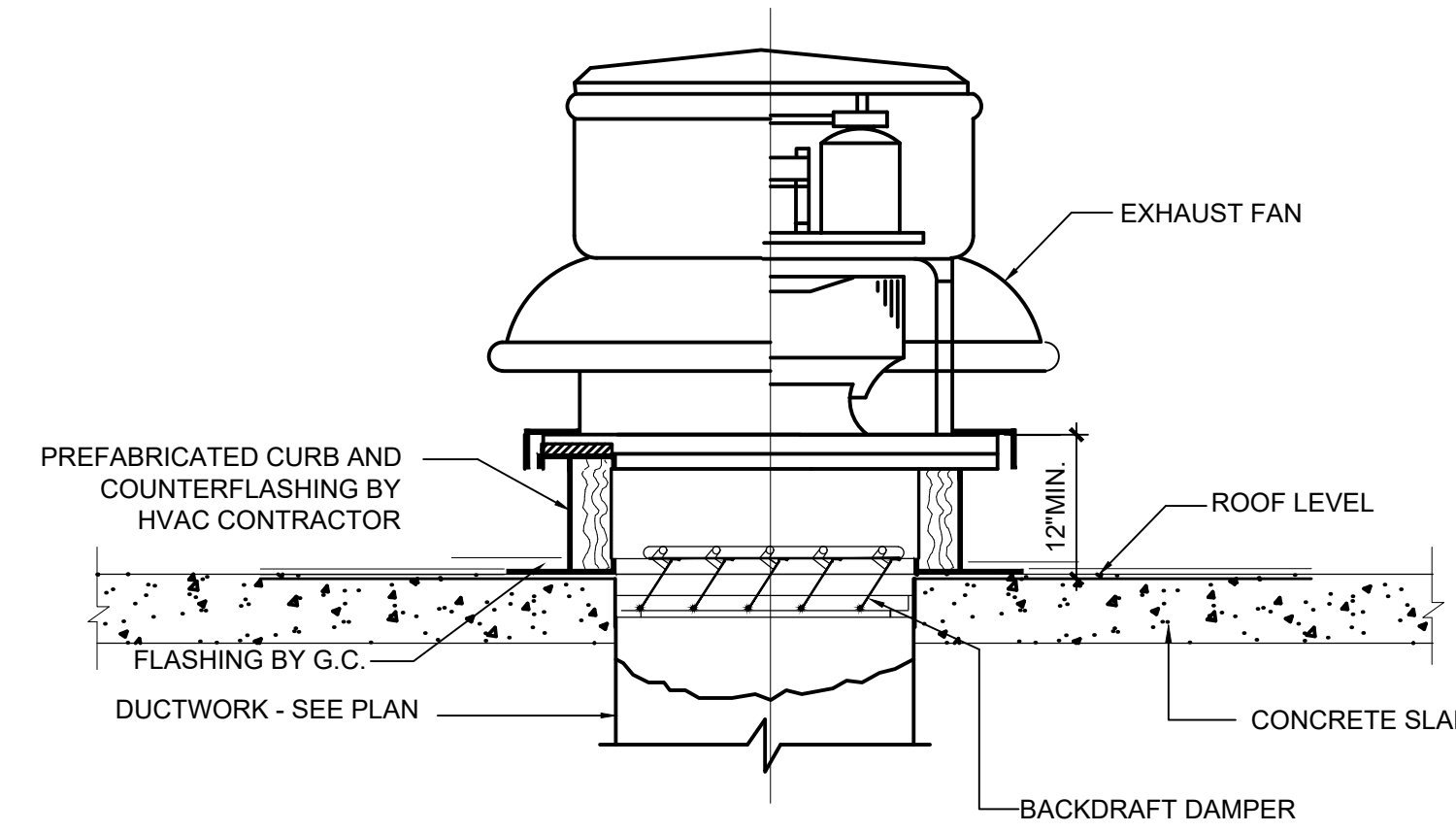
- NOTES:**
- BACKDRAFT DAMPER GRAVITY OPERATED
  - DISCONNECT SWITCH MOTORIZED FACTORY MOUNTED
  - ROOF CURB 12 INCH. INSULATED
  - VIBRATION ISOLATION
  - EXHAUST FAN INSTALLATION SHALL COMPLY WITH MIAMI DADE HURRICANE REQUIREMENTS.

### DUCTWORK CONSTRUCTION SCHEDULE

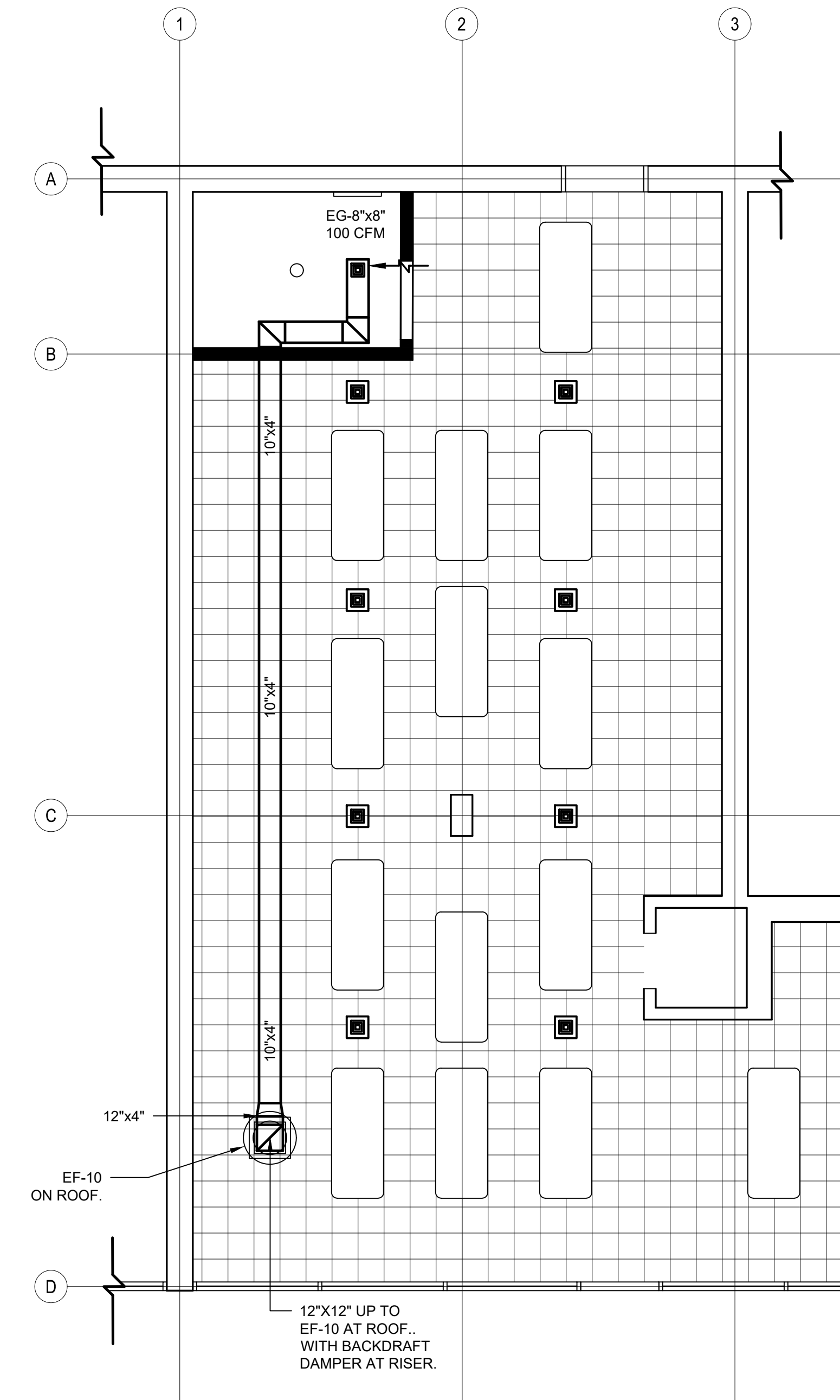
DUCT SECTION	PRESS CLASS	CONSTRUCTION MATERIAL	SEAL CLASS	LEAK TEST	LEAKAGE CLASS CL	TRANSVERSE JOINTS	REMARKS
GENERAL EXHAUST AND OUTSIDE AIR	-2	GALV. STEEL	A	YES	-	DUCTMATE OR TDC	-

#### GENERAL NOTES:

- DUCTWORK FOR THE VENTILATION SYSTEMS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE DUCT CONSTRUCTION STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION, INC. SMACNA (LATEST EDITION).
- DUCTS SHALL BE RECTANGULAR OR ROUND AS INDICATED IN THE DRAWINGS.
- SECTIONS OF DUCT SHALL BE TESTED FOR LEAKAGE AT THE INDICATED PRESSURE CLASS.
- DUCT WORK SUPPORTS SHALL COMPLY WITH SMACNA RECOMMENDATIONS FOR TYPE OF DUCT CONSTRUCTION.
- NO ELBOW SHALL BE MADE WITH AN INSIDE RADIUS OF LESS THAN THE WIDTH OF THE DUCT. SHALL ANY TURN BE NECESSARY WITH INSIDE RADIUS LESS THAN 3/4 DEPTH OF THE DUCT, THEY MUST BE FITTED WITH DOUBLE THICKNESS MULTIPLE VANES.
- DUCTS MATERIALS SHALL BE GALVANIZED STEEL, UNLESS OTHERWISE INDICATED.
- THE MECHANICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL ELECTRICAL CONTROLS, SAFETY SWITCHES AND ACCESSORIES NOT INDICATED IN THE ELECTRICAL DRAWINGS AND NECESSARY FOR THE PROPER OPERATION OF THE EQUIPMENT IN ACCORDANCE WITH THE MECHANICAL EQUIPMENTS MANUFACTURERS RECOMMENDATIONS AND THE NATIONAL ELECTRIC CODE.
- THE CONTRACTOR SHALL TAKE EVERY PRECAUTION IN ORDER TO MINIMIZE OR ELIMINATE THE TRANSMISSION OF NOISE OR VIBRATION FROM THE EQUIPMENT. PIPING SYSTEM OR DUCT SYSTEM TO THE CONDITIONING SPACE. SPECIFICATION AND/OR MANUFACTURER MODEL OR CATALOG NUMBER.
- EQUIPMENT, MATERIALS AND ACCESSORIES SHALL BE AS PER THE INDICATED.
- SUBSTITUTION OF EQUIVALENT EQUIPMENT, MATERIALS AND ACCESSORIES FOR THOSE SPECIFIED REQUIRES PRIOR APPROVAL BY THE ARCHITECT/ENGINEER AND/OR THE OWNERS REPRESENTATIVE.
- UNLESS OTHERWISE NOTED IN DRAWINGS AND/OR SPECIFICATIONS ALL EQUIPMENT AND ACCESSORIES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- EXAMINE AREAS AND CONDITIONS UNDER WHICH EXHAUST FAN ARE TO BE INSTALLED DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN MANNER ACCEPTABLE TO INSTALLER.
- GENERAL: INSTALL EXHAUST FAN UNIT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL UNITS PLUMB AND LEVEL, FIRMLY ANCHORED IN LOCATIONS INDICATED, AND MAINTAIN MANUFACTURER'S RECOMMENDED CLEARANCES.



**2 EXHAUST FAN INSTALLATION**  
SCALE: NOT TO SCALE



**1 EXISTING BUILDING BATHROOM VENTILATION FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



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**IN ASSOCIATION WITH:**

REV. NO.	DATE	DESCRIPTION
1	08/19/2020	B.D.C

#### DISCIPLINE INFORMATION:

PRIME PROFESSIONAL:  
PROFESSIONAL OF RECORD:  
STAFF DESIGNER:  
Q.C. AUDITOR:  
PRINCIPAL CAD TECHNICIAN:

#### PROFESSIONAL SEAL:

#### PROJECT:

#### PROJECT DESCRIPTION

#### DATE ISSUE DESCRIPTION

#### DRAWING INFORMATION:

#### KEY PLAN

SHEET TITLE:  
**BATHROOM VENTILATION FLOOR PLAN, SCHEDULES, DETAIL AND NOTES**

SCALE:  
**SCALE AS SHOWN**

DELIVERY DATE: N/A  
PRINT DATE & TIME: Aug. 26, 20 9:07 AM  
DRAWING LOCATION: A:\Projects\mia\_projects\0418-0221\CO6\06technical\14Mechanical

PROJECT NUMBER: 07LOT-001  
CAD FILE NAME: MH101

SHEET NO. **MH101**

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