

## 727 Fort Street

### Band Room and School Workshop of Douglass School Campus

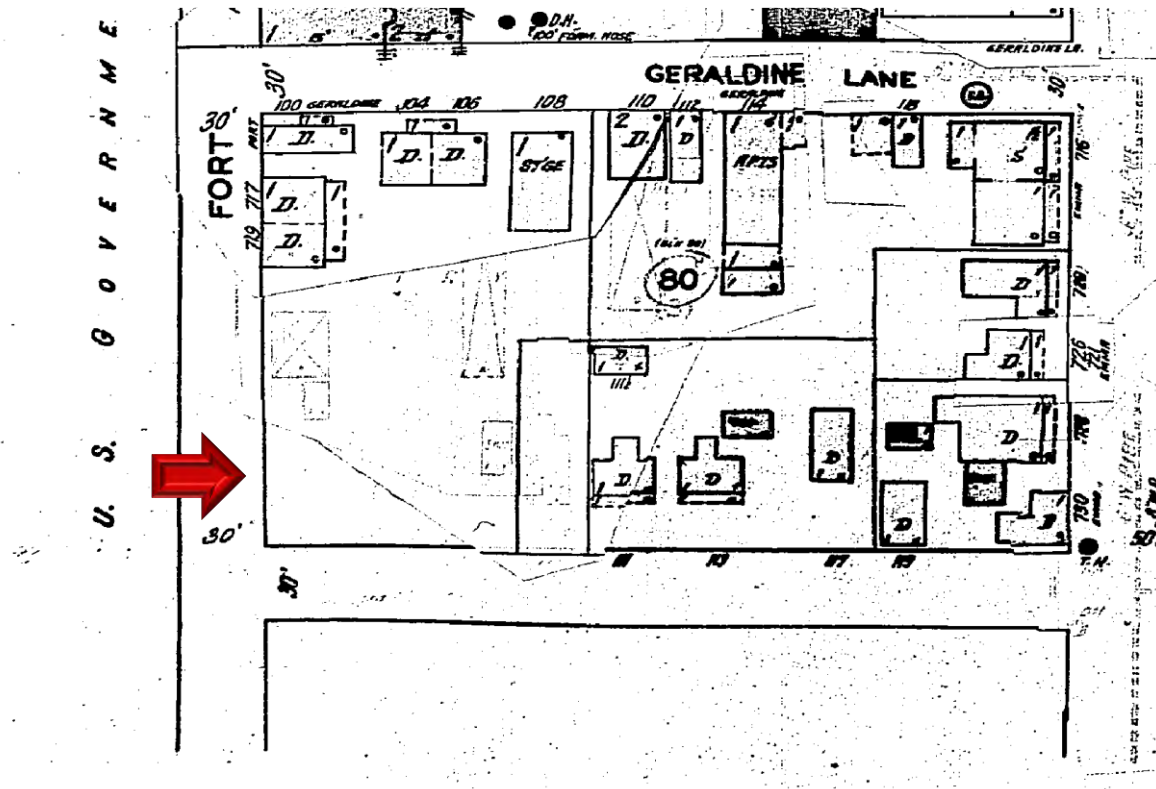
#### Key West Historic District Period of Significance:

1971 First Nomination to the National Register of Historic Places (NRHP) - 1822- 1920

1983 Expansion of District Boundaries in the NRHP – 1822 to 1948

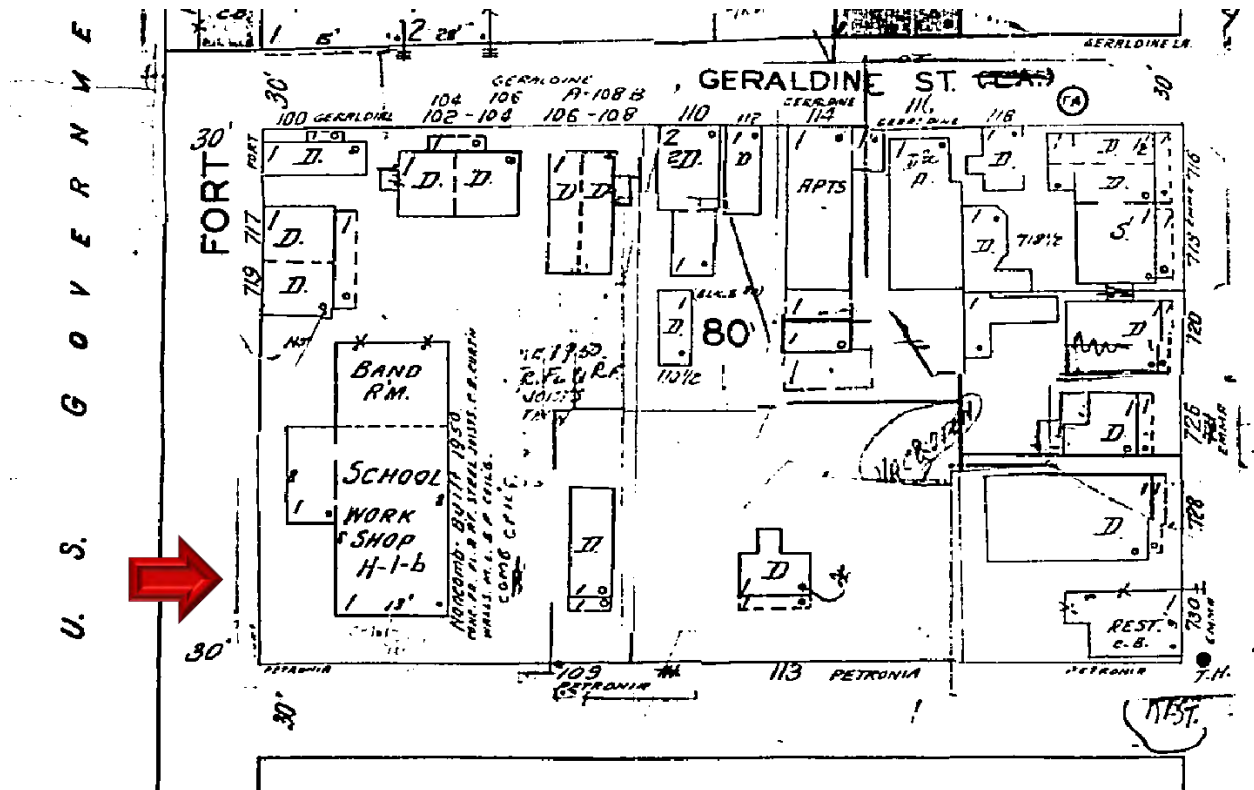
#### Band Room Building:

The Band Room building is located on the north corner of Fort and Petronia Streets. The structure was part of the Frederick Douglass School Campus which was a segregated High School and served also as the Monroe Junior College. According to the Historic Architectural Survey of the City of Key West the building located at 727 Fort Street is listed as a Contributing Resource to the Historic District with a construction date of 1948. By observing the Sanborn Map from 1948 the site was vacant.



1948 Sanborn Map

The following and last Sanborn Map done for Key West dates from 1962. A similar footprint like the current building is depicted on the site. As the Sanborn Maps were drafted and used for fire insurance purposes, construction materials and precision on combustible elements, cisterns, number of stories, building use, entrances and building configuration were of significance.



**1962 Sanborn Map**

The 1962 Sanborn Map includes several notes, in the building's footprint and in the side, some of them illegible, but they give a precise description of the building:

Use – School Workshop and Band Room and the letters H- 1- b. Those letters are related to structural components;

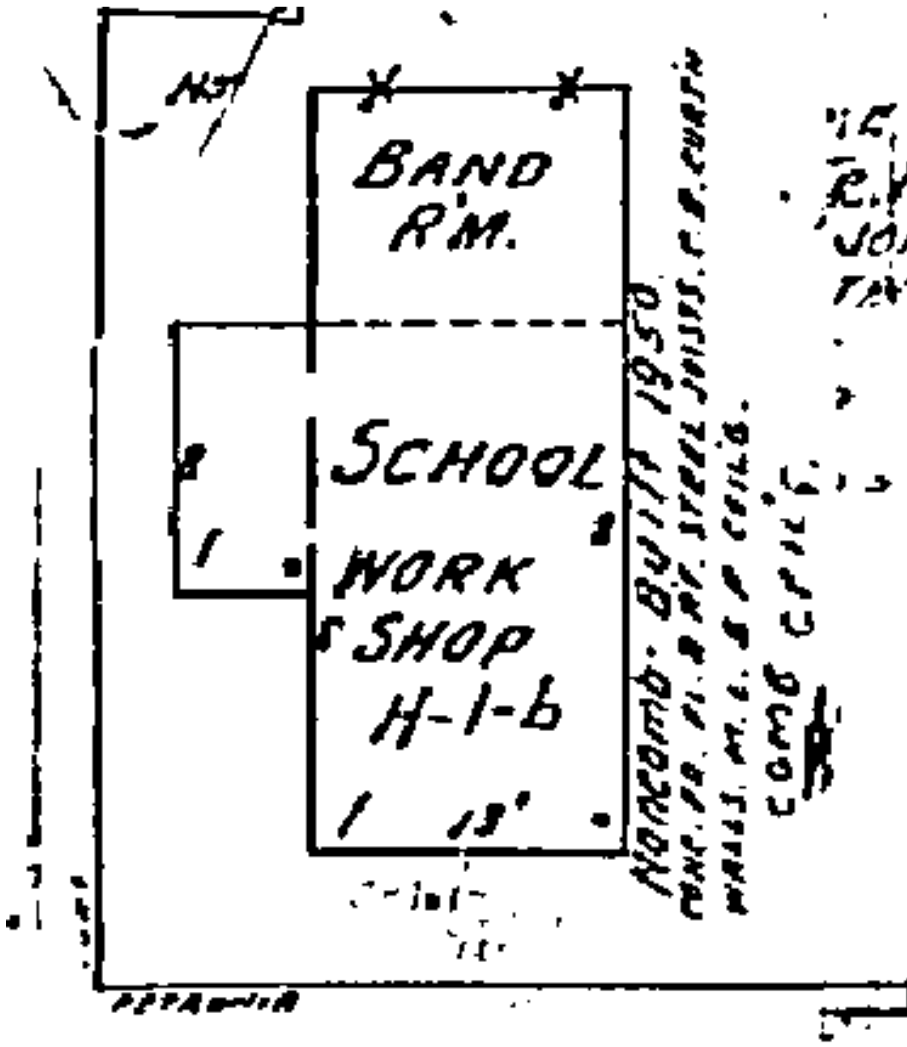
Framing – H= Unprotected Steel Joists, Columns, Beams, Trusses, Arches.

Floors – 1= Reinforced Concrete

Roof – b= Concrete or Gypsum on Metal Lath, Incombustible Form Boards, Paper-backed Wire Fabric, Steel Deck, and Cellular, Ribbed or Corrugated Steel Units.

Side Notes - Noncomb. [non-combusting] Built 1950

C B Curtain Walls meaning Concrete block construction walls with large window openings.



Enlarged view of the 1962 Sanborn Map with notes



**727 Fort Street circa 1965. Photograph taken from Petronia Street.  
Monroe County Library.**

**Staff Review and Approval of Proposed New Plans for a Clinic:**

On June 15, 2020 the Building Department received plans for improvements to the building located at 727 Fort Street under building permit number 2020-1808. At the time of this report building permit status is still under review. For the exterior renovations the plans include new windows and openings on blocked walls, new doors, canopy at entry facing Fort Street, textures in some areas over the stucco, and an 18” parapet addition to resolve roof drainage problems and serve as an element to conceal solar panels and mechanical equipment. Staff reviewed the project and on July 27, 2020 approved the plans with the following conditions:

*7/27/2020 9:40:33 AM (Enid Torregrosa)*

\*\*\*\* Exterior windows and doors sample glass to be submitted to staff prior to installation of any window and door. Glass to be clear.ET\*\*\*

Proposed windows and doors frames will be dark bronze anodized. Windows will have metal frames and will be single panel.

**Staff Opinion:**

It has always been staff's opinion that the current building has lost architectural integrity nor should have been listed as a contributing resource to the historic district. First most, the building was built two years after the period of significance of the Key West Historic District, as noted above in the 1962 Sanborn map notes. Most likely the 1948 date was taken from the Property Appraiser's record, which regularly includes inaccurate construction dates for buildings, particularly those built before 1960. This building cannot be contributing to a historic district that has a period of significance ending prior to the year it was constructed.

When a building is designated contributing it means that the structure *contributes* to the reasons a historic district is nominated and that the building, structure, or site must preserve its historical integrity. By studying historic photographs and comparing them with the current state of the building it is evident that the structure has lost its integrity. The character defining features of the building were its form, projecting eyebrow eaves, void and solid rhythm (ratio of exterior wall vs. windows), and awning windows with metal frames. Through time, fenestrations were completely blocked or resized with cement blocks, awning windows were removed, and the eyebrow eaves were removed from all elevations. These changes have unequivocally destroyed the building's architectural historic integrity, as only its form has been retained.

Staff approved with conditions the project as the design does not propose any alterations to the building form; its design includes new openings with new windows facing Fort Street, its principal façade. It also includes a canopy that relates to the eyebrow eaves that were removed at some point from the building. Lastly the parapet wall is crucial in the design as it will help the roof with current drainage problems and will serve to conceal mechanical equipment and solar panels.

The Band Room building as well as the Douglass Gym building are the only remaining structures that were part of the Frederick Douglass Campus that narrates the story about segregated learning places for Key West residents and their descendants. The exterior concrete walls of the Band Room building are echo that past. New sensible adaptive uses that bring a new life to the building are necessary to its continuous use. Staff opines that the proposed design will bring back several architectural elements that were lost in time. This building has a history in our community but it is not a contributing building to the historic district.

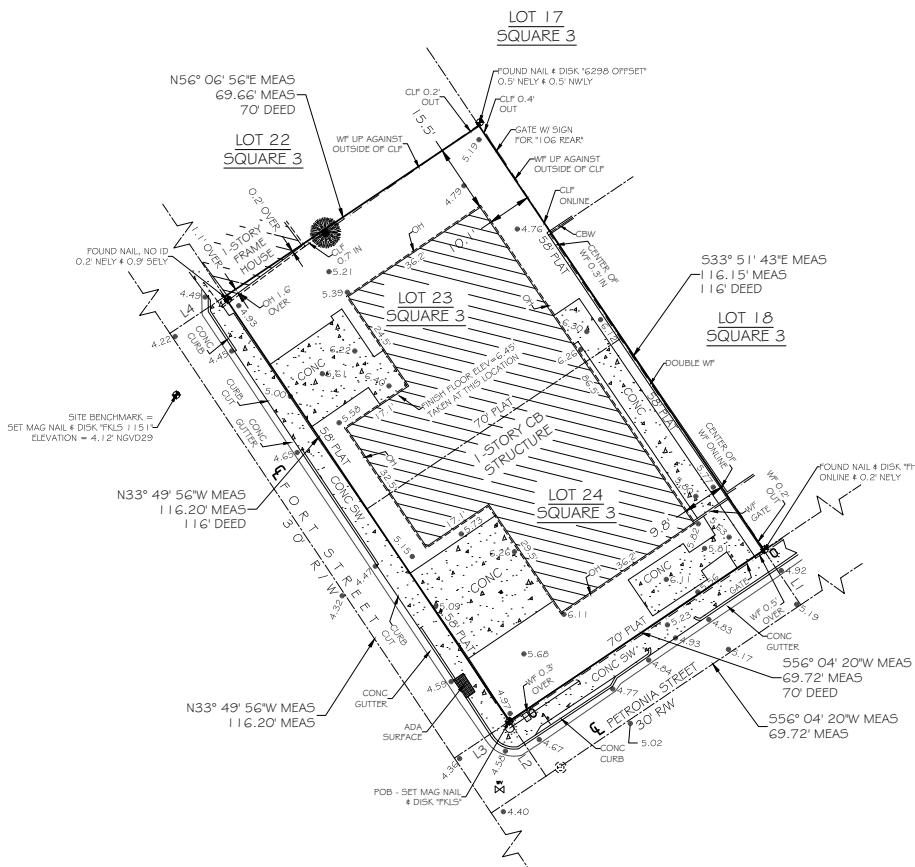
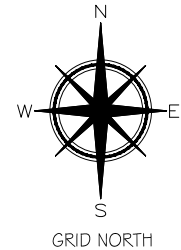


*Current Front Street Façade.*

# MAP OF BOUNDARY SURVEY



LOCATION MAP - NTS SEC. 06-T685-R25E



Line #	Length	Direction
L1	15.00' MEAS	N33° 55' 40" W MEAS
L2	15.00' MEAS	N33° 55' 40" W MEAS
L3	15.00' MEAS	N56° 10' 04" E MEAS
L4	15.00' MEAS	N56° 10' 04" E MEAS

## SURVEYORS NOTES

- HORIZONTAL COORDINATES AND BEARINGS SHOWN ARE REFERENCED TO GRID NORTH, BASED ON THE 2011 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83/2011), OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (TRANSVERSE MERCATOR PROJECTION), EAST ZONE (0901).
- COORDINATES WERE ESTABLISHED BY A REAL-TIME KINEMATIC (RTK) GNSS CONTROL SURVEY WHICH IS CERTIFIED TO A 2 CENTIMETER LOCAL ACCURACY, RELATIVE TO THE NEAREST CONTROL POINT WITHIN THE NATIONAL GEODETIC SURVEY (NGS) GEODETIC CONTROL NETWORK.
- METHOD: WIDE AREA CONTINUOUSLY OPERATING GPS REFERENCE STATION NETWORK (TRIMBLE VRS).
- ELEVATIONS SHOWN HEREON ARE IN FEET AND BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
- BENCHMARK DESCRIPTION: NATIONAL GEODETIC SURVEY BENCHMARK '872 4580 TIDAL BASIN' (P.I.D. AAO008), ELEVATION=14.32' (NGVD 1929).
- ADDITIONS OR DELETIONS TO SURVEY MAP OR REPORT BY OTHERS THAN THE SIGNING PARTY IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY.
- THE UNDERGROUND UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD EVIDENCE. THE SURVEYOR MAKES NO GUARANTIES THAT THE UNDERGROUND UTILITIES SHOWN HEREON ENCOMPASS ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE EVIDENCE AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
- STREET ADDRESS: 727 FORT STREET, KEY WEST, FL 33040.
- ALL UNITS ARE SHOWN IN U.S. SURVEY FEET.
- ALL FIELD DATA WAS ACQUIRED BETWEEN 06/01/2016 - 07/07/2016.
- COMMUNITY NO.: 120168
- MAP NO.: 12087C-1516K
- MAP DATE: 02-18-05
- FIRM REVISION DATE: 06-05-15
- FLOOD ZONE: AE
- BASE ELEVATION: 6
- REVISION (1) - 05/21/2020 - REVISED CERTIFICATIONS

## LEGAL DESCRIPTION -

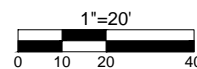
In the City of Key West, Lot #23 and Lot #24 Square 3 Tract 3, according to T.A. Ashe's diagram recorded in Deed Book 1, Page 77. Commencing at the corner of Fort and Petrona Streets, running thence along the said Fort Street in a northwesterly direction 116 feet; thence at right angles in a northeasterly direction 70 feet; thence at right angles in a southeasterly direction 116 feet to Petrona Street; thence in a southwesterly direction 70 feet to Fort Street to the point of beginning.

NOTE: FOUNDATIONS BENEATH THE SURFACE ARE NOT SHOWN. MEASURED DIMENSIONS EQUAL PLATTED OR DESCRIBED DIMENSIONS UNLESS INDICATED OTHERWISE.

- THE FOLLOWING IS A LIST OF ABBREVIATIONS THAT MAY BE FOUND ON THIS SHEET:
- BFP = BACK-FLOW PREVENTER
  - BO = BLOCK OUT
  - CB = CONCRETE BLOCK
  - CBW = CONCRETE BLOCK WALL
  - CL = CENTERLINE
  - CLP = CHAIN LINK FENCE
  - CM = CONCRETE MONUMENT
  - CONC = CONCRETE
  - CPF = CONCRETE POWER POLE
  - CURB = COVERED
  - DELTA = CENTRAL ANGLE
  - DEAS = DEBRIDGE ASSESSMENT
  - EL = ELEVATION
  - ENCL = ENCLOSURE
  - FF = FINISHED FLOOR ELEVATION
  - FI = FIRE HYDRANT
  - FI = FENCE INSIDE
  - FO = FOUND
  - FO = FENCE OUTSIDE
  - FO = FENCE OR LINE
  - GP = GUY WIRE
  - HOSE = HOSE BIB
  - IB = IRON BUSH
  - IB = IRON ROD
  - IB = IRON BRUSH
  - IS = LANDSCAPING
  - MB = MAILBOX
  - MEAS = MEASURED
  - MF = METAL FENCE
  - MHW = MEAN HIGH WATER LINE
  - NGVD = NATIONAL GEODETIC VERTICAL DATUM (1929)
  - NOT TO SCALE
  - OD = ODD OVERHANG
  - OR = ORANGE
  - OR = ORANGE MARKS
  - OR = OFFSHORE MARKS
  - PM = PARKING METER
  - PCP = POINT OF COMMENCEMENT CURVE
  - PCP = POINT OF BEGINNING CURVE
  - PCP = POINT OF BEGINNING
  - PCP = POINT OF INTERSECTION
  - PC = POINT OF COMMENCEMENT
  - PRC = POINT OF REVERSE CURVE
  - PR = PERMANENT REFERENCE MONUMENT
  - PT = POINT OF TANGENT
  - R = RADIUS
  - RAW = RIGHT OF WAY LINE
  - SSCD = SANITARY SEWER CLEAN-OUT
  - SB = SIDE BENCH
  - TMB = TRIMMING BENCHMARK
  - TOP = TOP OF BANK
  - TS = TOP OF SURFACE
  - TS = TRAFFIC SIGN
  - TR = TYPICAL
  - UB = UNBRICKED
  - UR = UTILITY EXHIBIT
  - WD = WOOD DECK
  - WD = WOOD FENCE
  - WL = WOOD LANDING
  - WM = WATER METER
  - WPF = WOOD POWER POLE
  - WVAL = WOOD VALVE
  - WV = WATER VALVE

## CERTIFIED TO -

The City of Key West;  
 Architectura Group Miami;  
 Community Health of South Florida, Inc.;



TOTAL AREA = 8,096.13 SQFT±

## LEGEND

- WATER METER
- SANITARY SEWER CLEAN OUT
- MAILBOX
- ⊕ WOOD POWER POLE
- ⊗ CONCRETE POWER POLE
- WATER VALVE
- GUY WIRE
- ⊕ SANITARY SEWER MANHOLE
- TREE (TYPICAL)
- ⊙ SPOT GRADE ELEVATION (TYPICAL)

NOTE: LEGAL DESCRIPTIONS HAVE BEEN FURNISHED BY THE CLIENT OR HIS/HER REPRESENTATIVE. PUBLIC RECORDS HAVE NOT BEEN RESEARCHED BY THE SURVEYOR TO DETERMINE THE ACCURACY OF THESE DESCRIPTIONS NOR HAVE ADJOINING PROPERTIES BEEN RESEARCHED TO DETERMINE OVERLAPS OR HIATUS. ADDITIONS OR DELETIONS TO SURVEY MAP OR REPORT BY OTHERS THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY. THE BOLD LINE SHOWN HEREON REPRESENTS THE SURVEYOR'S OPINION OF THE DEED LINES. THE MEAN HIGH WATER LINE WAS NOT DETERMINED FOR THIS SURVEY. THE APPARENT MEAN HIGH WATER LINE IS SHOWN FOR REFERENCE ONLY.

SCALE: 1"=20'  
 SURVEY DATE: 07/11/2016  
 REVISION DATE: 05/21/2020  
 SHEET: 1 OF 1  
 DRAWN BY: MPB  
 CHECKED BY: EAJ  
 CKW PO: 061654

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 63-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES AND COMPLIES WITH CHAPTER 177, FLORIDA STATUTES.

SIGNED:   
 ERIC A. ISAACS, REG. #6783, PROFESSIONAL SURVEYOR AND MAPPER, LBM 7847

NOT VALID WITHOUT THE SIGNATURE AND THE RAISED SEAL OF A FLORIDA SURVEYOR AND MAPPER.



**FLORIDA KEYS LAND SURVEYING**  
 1990G OVERSEAS HIGHWAY  
 SUGARLOAF KEY, FL 33042  
 PHONE: (305) 394-3690  
 FAX: (305) 390-7373  
 EMAIL: FKLSeMail@gmail.com



**EXISTING BUILDING RENOVATION**

**CHI - COMMUNITY HEALTH OF SOUTH FLORIDA INC.**  
**727 FORT STREET, Key WEST, FL 33040**

SCOPE OF Permit Application: EXISTING BUILDING TOTAL RECONSTRUCTION FOR MEDICAL CENTER



**ZONING DATA**

PRIMARY ZONING:  
 LAND USE: COMMERCIAL EXEMPT (100E)

**AREA CALCULATIONS**

TOTAL AREA = 3,500 Sq.Ft

**LEGAL DESCRIPTION**

IN THE CITY OF KEY WEST, LOT #23 AND LOT #24 SQUARE 3 TRACT 3, ACCORDING TO T.A. ASHE'S DIAGRAM RECORDED IN DEED BOOK 1, PG 77. COMMENCING AT THE CORNER OF FORT AND PETRONIA STREETS, RUNNING THENCE ALONG THE SAID FORT STREET IN A NW DIRECTION 116 FT; THEN AT RIGHT ANGLES IN A NE DIRECTION 70 FT; THENCE AT RIGHT ANGLES IN A SE DIRECTION 116 FT TO PETRONIA STREET; THENCE IN A SW DIRECTION 70 FT TO FORT STREET TO THE POINT OF BEGINNING

FOLIO NUMBERS - 00013990-000000

**SCOPE OF WORK DESCRIPTION**

CONSTRUCTION OF NEW MEDICAL CENTER BASED ON THE PRE APPROVED PLANS UNDER PLANNING PZ 18-606. APPROVED PLANNING AND ZONING PLANS UPDATED FOR REFERENCE.

**PROJECT DATA**

BUILDING GROUP: EXISTING "B"  
 BUILDING TYPE: II-A  
 ALTERATION LEVEL: LEVEL III

**DRAWING LIST**

A0.00 - COVER SHEET	S-0 - STRUC NOTES SCHDLS
A0.01 - GENERAL NOTES	S-1 - FOUNDATION PLAN
S1 - SURVEY	S-2 - ROOF PLAN
C1 - CIVIL PLAN	S-3 - INTERIOR COLUMN DETAILS
C2 - CIVIL DETAILS	S-4 - CMU WALL FILL DETAILS
C3 - CIVIL NOTES	E1.00 - INDEX SYMB NOTES
A1.01 - SITE PLAN	E1.01 - POWER PLAN
A1.02 - DEMO PLAN	E1.02 - LIGHTING PLAN
A1.03 - PROPOSED PLANS	E1.03 - ROOF ELECTRICAL PLAN
A1.04 - LIGHTING PLAN	E1.04 - PANEL SCHED RISER DIAGRAM
A1.05 - LIFE SAFETY PLAN	M1.00 - INDEX SYMB NOTES
A1.06 - FLOORING PLAN	M1.01 - MECHANICAL PLAN
A1.07 - REST ROOM PLANS AND ELEV.	M1.02 - ROOF MECH PLAN
A1.08 - TYP ADA DETAILS	M2.00 - DETAILS AND CONTROLS
A1.09 - ROOM FINISH SCHED.	M2.01 - MECH SCHED
A1.10 - DOOR & WINDOW SCHED	P1.00 - INDEX SYM NOTES
A2.01 - ELEVATIONS	P1.01 - DOMESTIC WATER PLAN
A3.01 - BUILDING SECTIONS	P1.02 - SANITARY PLAN
A3.02 - SOLAR PANEL SECTION DETAILS	P1.03 - ROOF PLUMBING PLAN
A3.03 - PARAPET SECTION DETAILS	P2.00 - DOMESTIC WATER ISO
A3.04 - ROOF CURB SECTION DETAILS	P2.01 - SANITARY ISO
A3.05 - SOLAR CONNECTION DETAILS	
A3.06 - INTERIOR ARCH DETAILS	
A4.01 - WATER PROOFING DETAILS	
A4.02 - SOLAR WATER HEATER MSDS	

**CODE CONFORMANCE**

- ALL WORK IS DESIGNED TO CONFORM TO  
 - FLORIDA BUILDING CODE (FBC) 2017 EDITION  
 - NFPA 1, 101 LIFE SAFETY CODE AND F.F.P.C.- 6th ED

**PLUMBING FIXTURE COUNTS**

PER 2017 FBC-B SECTION 2902.1.1 AND 2902.2 AND TABLE 2902.1

OCCUPANCY B  
 MAX OCCUPANCY 35

MALE OCCUPANTS 18  
 FEMALE OCCUPANTS 18

REQUIRED PER TABLE 2902.1

WC	- 1 MALE + 1 FEMALE
LAVATORIES	- 1 MALE + 1 FEMALE
DRINKING FOUNTAIN	- 1
SERVICE SINK	- 1

PROVIDED PER TABLE 2902.1

WC	- 2 UNISEX ADA + 1
LAVATORIES	- 2 UNISEX ADA + 1
DRINKING FOUNTAIN	- 1
SERVICE SINK	- 1

architectura  
group

dg

miami

**ARCHITECTURA  
GROUP MIAMI**

ARCHITECTURE  
INTERIOR DESIGN  
PLANNING  
AA26001885  
ID 00003873

1920 E HALLANDALE BLVD., PH-11  
HALLANDALE, FLORIDA 33009  
PH: 954-558-3024  
E-MAIL: argroupinc@aol.com  
AGMiami.Inc@gmail.com

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Issue		
No.	Date	Description

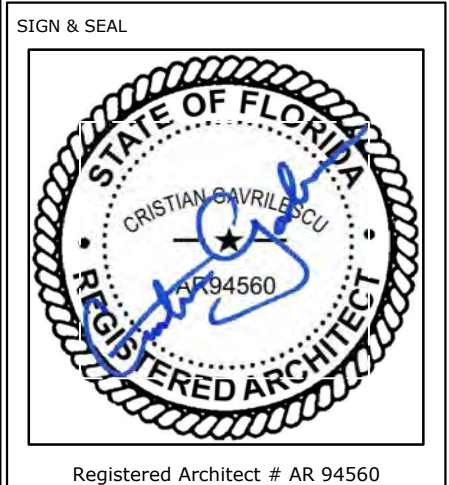
Client

**CHI - COMMUNITY  
HEALTH OF SOUTH  
FLORIDA**

Project Name

**CHI KEY WEST Medical Center  
RENOVATION**

727 FORT STREET, KEY WEST, FL 33040



**COVER SHEET**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	Sheet #
06.01.20	A0.00
Scale	NTS



# GENERAL NOTES:

1. DESIGN CRITERIA: 2017 FLORIDA BUILDING CODE.

2. SOIL:

a) GEOTECHNICAL EVALUATION AND RECOMMENDATION OF SOIL IS REQ'D.

DESIGN SOIL BEARING PRESSURE = 2500 PSF

b) TOP SOIL AND ALL ORGANIC AND DELETERIOUS MATERIAL SHALL BE COMPLETELY REMOVED AT LEAST FIVE FEET BEYOND THE EXTERIOR OF EACH BUILDING. CLEAN WELL GRADED SAND SHALL BE USED FOR BACK FILL, INSTALLED IN MAXIMUM OF 9" LIFTS. EACH LIFT OF FILL SHALL BE COMPACTED TO 98% OF MODIFIED PROCTOR DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-1557.

3. STRUCTURAL STEEL:

a) SHALL CONFORM TO ASTM DESIGNATIONS A-36, A-325, A-500 AS APPLICABLE AND AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS DATED 1989. BOLTS AND WELDING MATERIALS SHALL CONFORM TO APPLICABLE PROVISIONS OF AISC SPECIFICATIONS, AND AWS RECOMMENDATIONS.

b) FIELD CONNECTIONS SHALL BE WELDED OR BOLTED AS SPECIFIED. SHOP WELDING OR WHERE FIELD WELDING IS REQUIRED SHALL BE CERTIFIED WELDERS ONLY. ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PRIMER PAINT UNLESS NOTED OTHERWISE.

c) THE FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION.

4. CONCRETE:

a) ALL CONCRETE UNLESS OTHERWISE NOTED:  $f_c = 3000$  PSI

FOOTING AND SLAB:  $f_c = 2500$  PSI - OR AS PER STRUCTURAL ENGINEER NOTES

b) SUBMIT MIX DESIGN FOR ACCEPTANCE PRIOR TO CONCRETE PLACEMENT.

5. CONCRETE CONSTRUCTION:

ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE STANDARD: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-89). STRENGTH DESIGN METHOD.

6. CONCRETE COVER:

a) FOOTINGS AND FOUNDATION PADS PLACED AGAINST THE GROUND 3".

b) CONCRETE SURFACE AFTER REMOVAL OF FORMS EXPOSED TO WEATHER OR GROUND:

No. 5 OR SMALLER 1-1/2"

No. 6 OR LARGER 2"

c) CONCRETE NOT EXPOSED TO WEATHER OR GROUND:

SLABS AND WALLS 3/4"

BEAMS AND GIRDER TIES 1-1/2"

COLUMN TIES 1-1/2"

7. REINFORCING STEEL:

a) REINFORCING STEEL SHALL BE NEW BILLET BARS CONFORMING TO: ASTM A-615 GRADE 60 (#3 THRU #11)  $f_y = 60000$  PSI

b) ALL TERMINATING TOP REINFORCING BARS SHALL END WITH A HOOK.

8. DETAILING AND FABRICATION OF REINFORCING:

a) UNLESS OTHERWISE NOTED, SHALL FOLLOW ACI-315.

b) SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION.

9. PLACING AND SUPPORTS OF REINFORCING BARS:

SHALL FOLLOW CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS, INCLUDING 1983 SUPPLEMENT" AND ACI-315.

10. CORNER BARS:

PROVIDE #5 X 3'-0" X 3'-0" CORNER BARS AT EXTERIOR CORNERS OF BEAMS AND WALLS. ONE FOR EACH HORIZONTAL LAYER OF REINFORCING

11. WELDED WIRE FABRIC:

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 OR A-497 AS APPLICABLE.

12. CONCRETE MASONRY UNITS:

a) THE LOAD BEARING MASONRY WALLS ARE DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF LOAD BEARING CONCRETE MASONRY BY THE NATIONAL CONCRETE MASONRY ASSOCIATION AND BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES - ACI 530.

b) MINIMUM COMPRESSIVE STRENGTH OF LOAD BEARING MASONRY UNITS SHALL BE 1900 PSI (ASTM C90-90, GRADE N) MASONRY CEMENT (MORTAR) SHALL COMPLY WITH ASTM C91 AND SHALL ACHIEVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI (ASTM C270, TYPE M)

c) MASONRY SHALL BE PLACED PRIOR TO PLACING CONCRETE COLUMNS.

d) ALTERNATE HORIZONTAL JOISTS SHALL BE REINFORCED WITH #9 GAUGE GALVANIZED LADDER TYPE REINFORCING CONFORMING TO ASTM A82 CONTINUOUS IN ALL 8" CONCRETE MASONRY WALLS. THESE SHALL LAP INTO THE CONCRETE COLUMNS.

e) AT ALL WALL ENDS, INTERSECTIONS, CORNERS AND ON EACH SIDE OF WALL OPENINGS, IF A COLUMN IS NOT SHOWN PROVIDE (1) #5 VERTICAL AND GROUT THE REINFORCED CELL OF THE BLOCK. USE DOWELS AND MAINTAIN CONTINUITY WITH THE STRUCTURE ABOVE. TERMINATE BAR WITH A STANDARD HOOK INSIDE THE CONCRETE BEAM AT TOP OF THE WALL.

f) PROVIDE CLEAN OUT OPENINGS FOR EACH GROUTED CELL.

g) SUBMIT CERTIFICATION OF COMPLIANCE WITH ASTM SPECIFICATIONS FOR THE CMU, MASONRY CEMENT, AND REINFORCING PRIOR TO DELIVERY TO THE SITE. H. ALL LAP SPLICES 48 BAR DIAMETER.

i) PROVIDE COURSE GROUT IN ACCORDANCE w/ ASTM C476  $f_c = 2500$  PSI SLUMP ; 8"

13. OPENINGS IN STRUCTURAL MEMBERS:

a) HOLES AND OPENINGS REQUIRED ARE SHOWN ON THESE DRAWINGS.

b) NO OTHER OPENINGS OR HOLES IN ANY STRUCTURAL MEMBER ARE PERMITTED WITHOUT WRITTEN AUTHORIZATION OF THE ARCHITECT OR ENGINEER.

c) ALL ROUGH OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL, OR PLUMBING EQUIPMENT; OR WINDOWS, DOORS OR OTHER ARCHITECTURAL FEATURES SHALL BE VERIFIED WITH THE ACTUAL PURCHASED ITEM PRIOR TO PROCEEDING WITH THE STRUCTURAL WORK AFFECTED. NOTIFY THE ARCHITECT IF DIMENSIONAL REQUIREMENTS VARY FROM THOSE INDICATED.

THE SEQUENCE OF OPERATIONS AND PLACES OF COMMENCEMENT OF THE WORK SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR IN ORDER TO MEET THE REQUIREMENTS OF CONSTRUCTION.

THE GENERAL CONTRACTOR SHALL OBTAIN ALL PERMITS FOR WORK UNDER THIS CONTRACT.

THE REMOVAL OF ALL TEMPORARY INSTALLATIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND BRING THE DISTURBED AREA BACK TO ORIGINAL CONDITION.

CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL PLANS, DETAILS, AND NOTES AND REPORTING ANY DISCREPANCIES IN WRITING TO ARCHITECT PRIOR TO CONSTRUCTION. ANY ERRORS CAUSED BY DISCREPANCIES SHALL BE RECTIFIED AT THE CONTRACTOR'S SOLE EXPENSE.

THE CONTRACTOR SHALL PREVENT UNAUTHORIZED PERSONNEL FROM ACCESS TO CONSTRUCTION AREAS.

ANY WORK NOT SHOWN ON THE DRAWING BUT CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN PROPER MANNER SHALL BE PROVIDED BY THIS CONTRACTOR WITHOUT ADDITIONAL CHARGE.

ALL WORK SHALL BE DONE IN ACCORDANCE W/ ALL APPLICABLE NATIONAL, STATE & LOCAL CODES AND ORDINANCES. WORK SHALL BE DONE IN A WORKMAN LIKE MANNER AS PER STANDARD BUILDING TECHNIQUES AND PRACTICES.

G.C. IS RESPONSIBLE FOR ALL SAFETY CONDITIONS RELATING TO JOB CONSTRUCTION.

G.C. IS TO VISIT THE SITE AND CAREFULLY INSPECT THE EXISTING CONDITIONS AFFECTING THE WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS MUST BE REPORTED TO ARCHITECT IN WRITING.

10. ALL SUBCONTRACTORS SHALL MAKE A SITE VISIT TO VERIFY CONDITIONS PRIOR TO BIDDING. VERIFY EXISTING STRUCTURAL AND UTILITIES PRIOR TO COMMENCEMENT OF WORK.

11. G.C. IS TO CONTROL JOB CLEANING TO PREVENT DIRT, DEBRIS AND DUST FROM THE PREMISES BEING ALTERED.

12. NO SUBSTITUTIONS ARE TO BE MADE WITHOUT APPROVAL BY ARCHITECT. G.C. IS TO SUBMIT SUBSTITUTE MATERIAL SPECIFICATIONS AND SAMPLE FOR APPROVAL, IN WRITING TO ARCHITECT, PRIOR TO COMMENCEMENT OF WORK.

13. ALL NEW FLOOR FINISHES NOT TO EXCEED 1/2" MAX. VERTICAL OFFSET.

14. NO TOXIC OR COMBUSTIBLE MATERIALS TO BE USED ABOVE FINISH CEILING LINE.

15. G.C. TO COORDINATE DISCONNECTION AND RECONNECTION OF ALL UTILITIES AS REQUIRED FOR COMMENCEMENT AND COMPLETION OF WORK.

16. G.C. TO VERIFY ALL ITEMS AND/ OR SERVICES TO BE PROVIDED.

17. G.C. TO INSTALL CEILING GRID TIE WIRES AS PER CODE. GRID TIE WIRES TO ATTACH TO STRUCTURE ABOVE. DO NOT ATTACH TO HVAC DUCT.

18. CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITIES IN THE AREA OF NEW CONSTRUCTION AND TAKE THE APPROPRIATE MEASURES THAT THESE REMAIN UNDAMAGED.

19. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF NEW UTILITIES WITH THE EXISTING ADJACENT UTILITIES. IF THE CONTRACTOR FINDS A CONFLICT WITH THE EXISTING AND THE NEW, HE SHALL CONTACT THE ARCHITECT IN WRITING.

20. WHERE PRESENT WORK IS DAMAGED IN THE EXECUTION OF THIS CONTRACT, OR WHERE OPENINGS ARE LEFT DUE TO THE REMOVAL OF PIPES, EQUIPMENT OR APPARATUS, THE SAME SHALL BE REPAIRED OR CLOSED UP TO CORRESPOND IN MATERIAL, QUALITY, SHAPE, AND FINISH WITH THAT OF SIMILAR AND ADJOINING WORK, UNLESS OTHERWISE CALLED FOR. WHERE DAMAGE IS NOT REPAIRABLE, NEW ITEMS OR EQUIPMENT SHALL BE PROVIDED.

21. THE CONSTRUCTION SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, EXTENSIONS, CONNECTIONS, CUTTING, PATCHING, PAINTING, REPAIRING, ADAPTING AND OTHER WORK, INCIDENTAL TO, AND TOGETHER WITH SUCH TEMPORARY CONNECTIONS AS MAY BE REQUIRED. THE CONSTRUCTION SHALL ALSO INCLUDE THE REMOVAL OF MATERIALS AS DIRECTED.

22. ALL MEASUREMENTS MUST BE VERIFIED AND CHECKED PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO ARCHITECT/ENGINEER BEFORE PROCEEDING WITH WORK AND REQUEST CLARIFICATION.

23. STORE MATERIALS IN A SAFE AND APPROVED LOCATION.

24. CLEAN UP ALL RUBBISH, REFUSE, SCRAP MATERIALS, AND DEBRIS CAUSED BY THIS PROJECT AT THE END OF EACH DAY, AND INSURE THAT THE SITE OF WORK SHALL PRESENT A NEAT, ORDERLY, AND WORKMANLIKE MANNER.

25. ALL MATERIALS AND EQUIPMENT SPECIFIED SHALL BE NEW AND ALL WORKMANSHIP SHALL BE FIRST CLASS.

26. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OVERALL COORDINATION WITH ALL SUBCONTRACTORS WHETHER UNDER CONTRACT TO HIM OR TO THE OWNER.

27. ALL WOOD IN CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.

28. THE GENERAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT (UNLESS OTHERWISE NOTED) REQUIRED FOR THE COMPLETION OF THE JOB IN ACCORDANCE WITH THESE DRAWINGS.

29. THE GENERAL CONTRACTOR SHALL PRESENT THE JOB TO THE OWNER FOR ACCEPTANCE CLEAN AND READY FOR OCCUPANCY. ALL GLASS SHALL BE CLEANED AND POLISHED, FLOORS SWEEP BROOM CLEAN, CARPETS VACUUMED, FIXTURES WASHED AND U.L. LABELS REMOVED.

30. GENERAL CONTRACTOR SHALL SUBMIT PRODUCT APPROVALS PER SECTION 2410.4 OF THE FLORIDA BUILDING CODE FOR THE NECESSARY ITEMS FOR ARCHITECTS APPROVAL AS WELL AS SHOP DRAWINGS BEFORE ORDERING AND INSTALLATION.

31. GENERAL CONTRACTOR TO COORDINATE WITH MECHANICAL, PLUMBING, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR COMPLETE SCOPE OF WORK. DRAWING SHOWN FOR REFERENCE ONLY.

31. ALL TRADES SHALL BE RESPONSIBLE TO READ ALL DETAILS AND SPECIFICATION, AND PLANS. IF ANY CONFLICTS EXIST, THAT TRADE SHALL NOTIFY THE CONTRACTOR PRIOR TO CONSTRUCTION.

32. CONTRACTOR SHALL DIRECT ANY DISCREPANCIES, IN WRITING, TO THE ARCHITECT OF RECORD PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR WORK WHICH PROCEEDS WITHOUT DUE COURSE AND COORDINATION.

33. ALL GLASS IN DOORS AND ALL SLIDING GLASS DOORS TO BE SAFETY GLASS

34. ALL BATHROOM FLOORS AND BASES SHALL BE OF IMPERVIOUS MATERIAL, SLIP PROOF TO MEET ADA.

35. ALL FIXED GLASS TO BE 1/4" THICK UNLESS OTHERWISE NOTED.

36. SOIL COMPACTION TEST REPORT SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT PRIOR TO COMMENCING CONSTRUCTION.

37. TERMITE TREATMENT CERTIFICATE SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT PRIOR TO CONSTRUCTION, AFTER SOIL COMPACTION.

38. THE BUILDING CONTRACTOR WHO HAS ENTERED INTO A CONSTRUCTION CONTRACT WITH THE OWNER IS RESPONSIBLE FOR ALL WORK DEFINED BY THAT CONTRACT. IF THE PROJECT IS LET UNDER SEPARATE CONTRACTS TO MORE THAN ONE CONTRACTOR, THE RESPONSIBILITIES LISTED BELOW APPLY TO EACH CONTRACTOR.

39. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETION OF THE PROJECT IN THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR IS TO FURNISH ALL MATERIALS AND LABOR REQUIRED TO COMPLETE THE PROJECT.

40. THE CONTRACTOR SHALL ADVISE THE OWNER OF ANY CONFLICT BETWEEN THESE DRAWINGS AND THE FIELD CONDITIONS BEFORE PROCEEDING WITH THE JOB. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE ACCURACY OF FIELD MEASUREMENTS AND CONDITIONS AND SHALL BE RESPONSIBLE FOR THE PROPER TRADES. WRITTEN APPROVAL MUST BE OBTAINED FROM THE ARCHITECT BEFORE ANY CHANGES AND/OR DEVIATIONS FROM THE DRAWINGS / SPECS ARE MADE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE EXECUTION OF HIS/HER WORK AND FOR ANY MODIFICATIONS TO ANY EXISTING WORK, PREVIOUSLY INSTALLED WORK, AND/OR OTHER CHANGES AND/OR DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND/OR THE ARCHITECT ANY COSTS RESULTING FROM CHANGES AND/OR DEVIATIONS FROM ARCHITECT PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

41. A COMPLETE SET OF DRAWINGS MUST BE KEPT AT THE JOB SITE AT ALL TIMES AND ANY CHANGES MUST BE NOTED THEREON AND INITIALED AT THE TIME THE CHANGE OR DEVIATION IS PERFORMED.

42. THE GENERAL CONTRACTOR SHALL DO ALL PATCHING TO CONFORM TO MATERIAL, TEXTURE AND SURFACE ALIGNMENT WITH THE ADJOINING SURFACE AND FINAL TOUCH UP/APPEARANCE OF ALL FINISHED SURFACES. THE CONTRACTOR SHALL ENSURE THE PROTECTION OF ALL EQUIPMENT FURNISHED UNDER HIS/HER CONTRACT AND BY OTHERS PRESENT AT THE JOB SITE.

43. THE CONTRACTOR SHALL REMOVE DEBRIS AND MAINTAIN THE PREMISES BROOM CLEAN AT ALL TIMES. DEBRIS IS TO INCLUDE, BUT NOT LIMITED TO SHIPPING CARTONS, BOXES, ETC., RESULTING FROM THE INSTALLATION OF DENTAL AND OTHER EQUIPMENT AND MATERIALS, BY CONTRACTORS CONCURRENTLY ENGAGED.

44. THE CONTRACTOR SHALL PARTICIPATE AT ALL JOB COORDINATION MEETINGS WITH ARCHITECT AND ENSURE THE ATTENDANCE OF APPLICABLE TRADES.

45. THE CONTRACTOR IS REQUIRED TO INFORM ARCHITECT REPRESENTATIVES OF KEY EVENTS IN THE CONSTRUCTION PROCESS WITH REASONABLE ADVANCE NOTICE, TO FACILITATE THE INSPECTION OF SAID EVENTS, I.E. BACKFILLING TRENCHES, CLOSING WALLS, POURING CONCRETE TO BURY PLUMBING AND ELECTRICAL WORK IN FLOORS AND INSTALLING CEILING TILES.

46. THE CONTRACTOR SHALL AFFORD THE OWNER AND SEPARATE CONTRACTORS REASONABLE OPPORTUNITY FOR THE INTRODUCTION AND/OR STORAGE OF THEIR MATERIALS AND EQUIPMENT AND EXECUTION OF THEIR WORK.

**CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL PLANS, DETAILS, AND NOTES AND REPORTING ANY DISCREPANCIES IN WRITING TO ARCHITECT PRIOR TO CONSTRUCTION. ANY ERRORS CAUSED BY DISCREPANCIES SHALL BE RECTIFIED AT THE CONTRACTOR'S SOLE EXPENSE.**

FLAME SPREAD - INTERIOR FINISHES

AS PER F.B.C. 2-17 - TABLE 803.1.1 AND 803.11 MINIMUM INTERIOR FINISH CLASSIFICATION 'C', FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450. INTERIOR FLOORING materials shall comply with Sections 804.4.1 and 804.4.2 and interior floor finish materials shall comply with Section 804.4.2., AND MEET MINIMUM A.D.A. RECOMMENDED SPECIFICATIONS FOR SUSTAINABLE SLIP RESISTANCE OF NEW FLOORING IS THAT THE "WET" P.T.V. (Pendulum Test Value) AFTER 500 CYCLES OF ABRASION SHOULD BE 35 OR HIGHER.

PRODUCT APPROVALS:

PRIOR TO INSTALLATION, CONTRACTOR TO SUBMIT TO ARCHITECT FOR APPROVAL PRODUCT APPROVALS FOR THE FOLLOWING:

- ALL EXTERIOR WALL CLADDING, SURFACING, DOORS, AND WINDOWS
- ROOFING COMPONENTS AND ASSEMBLIES

architectura  
group

dg  
miami

ARCHITECTURA  
GROUP MIAMI

ARCHITECTURE  
INTERIOR DESIGN  
PLANNING  
AA26001885  
ID 00003873

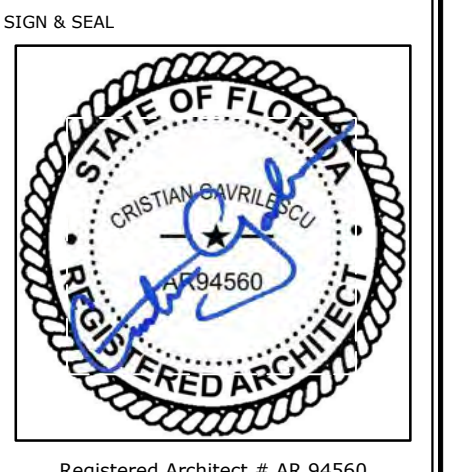
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Issue		
No.	Date	Description

Client  
**CHI - COMMUNITY  
HEALTH of SOUTH  
FLORIDA**

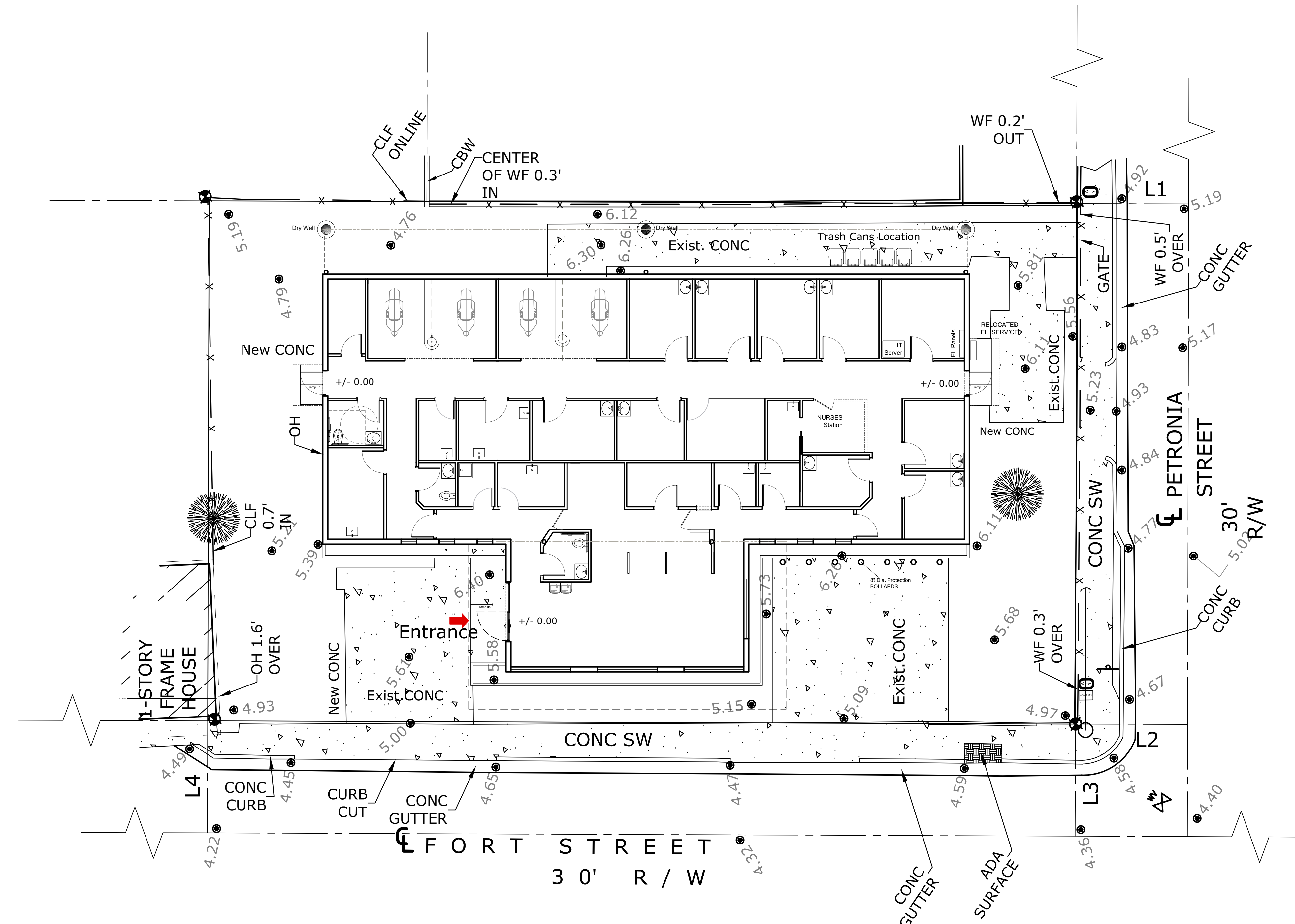
Project Name  
**CHI KEY WEST Medical Center  
RENOVATION**  
727 FORT STREET, KEY WEST, FL 33040



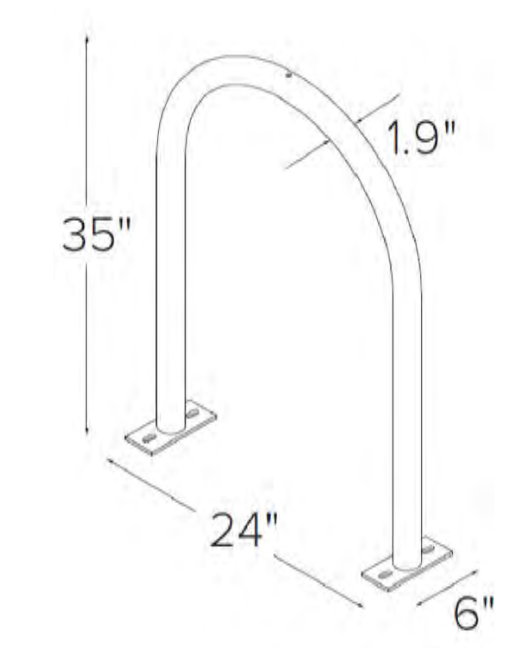
Registered Architect # AR 94560

Sheet title  
**GENERAL NOTES**

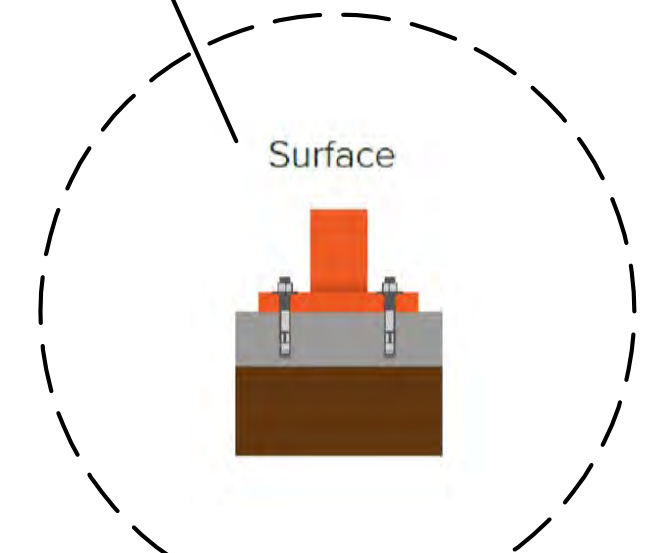
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Project Number	269_20
Issued for	PERMIT
Issue date	Sheet #
06.01.20	<b>A0.01</b>
Scale NTS	



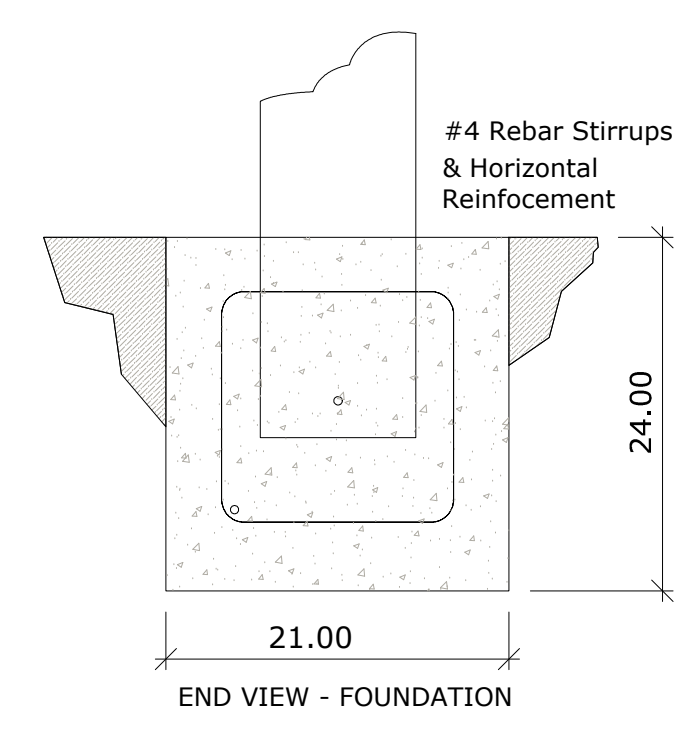
**SITE PLAN** 0 4 8 16 24



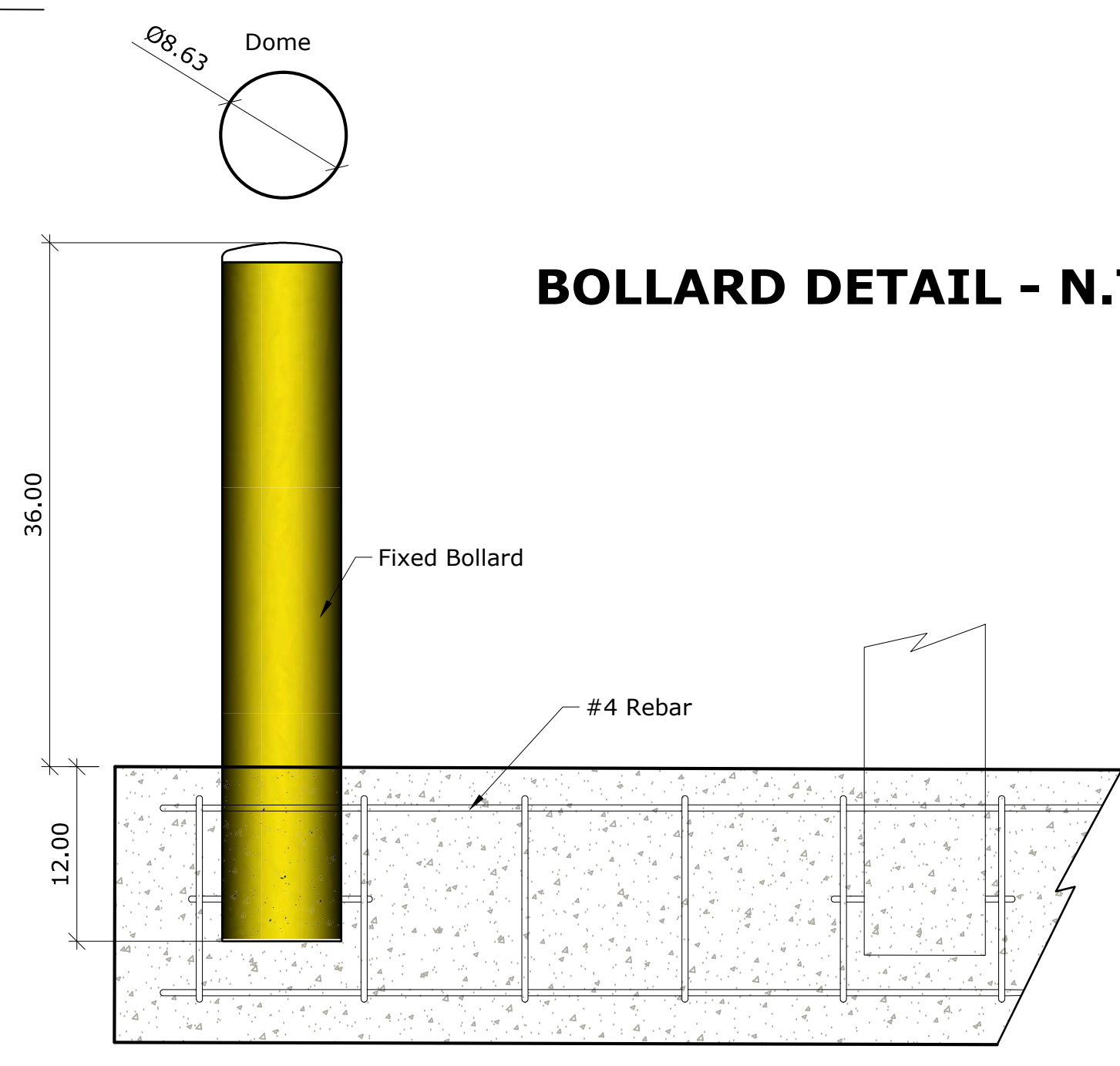
**BIKE RACK DETAIL - N.T.S**



- Bollard Material (8" Dia. Nominal Size)
  - FCS08040 Sch 40 ASTM A-53 Carbon Steel
- Carbon Steel Bollard Finish
  - Powdercoat YELLOW
- Bollard Cap Style
  - Dome



END VIEW - FOUNDATION



ELEVATION VIEW - FOUNDATION (CONCEPTUAL DESIGN ONLY)

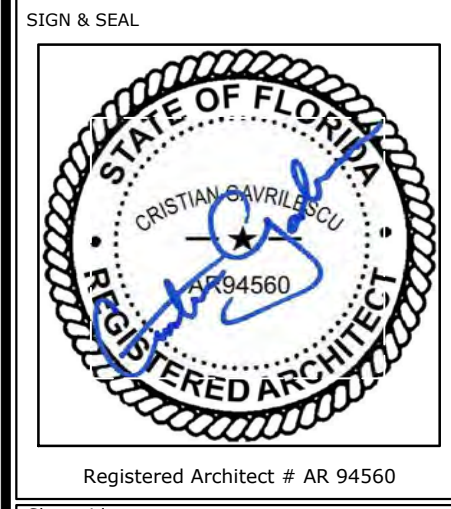
**BOLLARD DETAIL - N.T.S**

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Issue No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
 727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560

Sheet title

**SITE PLAN**

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06.01.20	<b>A1.01</b>
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**DEMOLITION GENERAL NOTES**

1. DEMOLITION CONTRACTOR SHALL BE FULLY LICENSED AND INSURED AND SHALL MAINTAIN COMPLIANCE WITH ALL O.S.H.A. AND OTHER APPLICABLE SAFETY STANDARDS.
2. DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT COMPLIANCE WITH ALL RULES AND REGULATIONS GOVERNING THE DISPOSAL OF CONSTRUCTION DEBRIS.
3. DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT ADHERENCE WITH THE LOCAL JURISDICTION'S RULES FOR CONSTRUCTION TIMES AND PROCEDURES FOR PICK UP AND REMOVAL OF CONSTRUCTION DEBRIS.
4. DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT COMPLIANCE WITH ALL PUBLIC SAFETY PROTOCOLS APPLICABLE TO DEMOLITION WORK WITHIN THE LOCAL JURISDICTION AND SPECIFICALLY AT THE SITE.
5. DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT ADHERENCE WITH THE LANDLORD'S RULES FOR CONSTRUCTION TIMES AND PROCEDURES AND FOR PICK UP AND REMOVAL OF CONSTRUCTION DEBRIS.
6. IMPORTANT: IF THERE IS ANY DOUBT AS TO WHETHER A COMPONENT IS STRUCTURAL OR NON-STRUCTURAL, DEMOLITION WORK SHALL STOP AND THE CONTRACTOR SHALL FILE AN RFI (REQUEST FOR INFORMATION) WITH THE ARCHITECT. DEMOLITION WORK SHALL RESUME PURSUANT TO THE ARCHITECT'S WRITTEN INSTRUCTIONS TO PROCEED.
7. THE SCOPE OF DEMOLITION WORK UNDER THIS PERMIT IS LIMITED TO THE REMOVAL OF NON-STRUCTURAL BUILDING ELEMENTS WITHIN THE EXISTING SPACE, AS DEPICTED BY DASHED LINES. ELEMENTS TO BE REMOVED AND DISCARDED ARE DESCRIBED BELOW.
8. REMOVE ALL FINISHES IN ALL AREAS. STRIP AWAY ALL BACKING AND SUPPORT FOR FINISHES, EXPOSING STRUCTURE BENEATH IN ALL AREAS, ALL CONDITIONS THROUGHOUT.

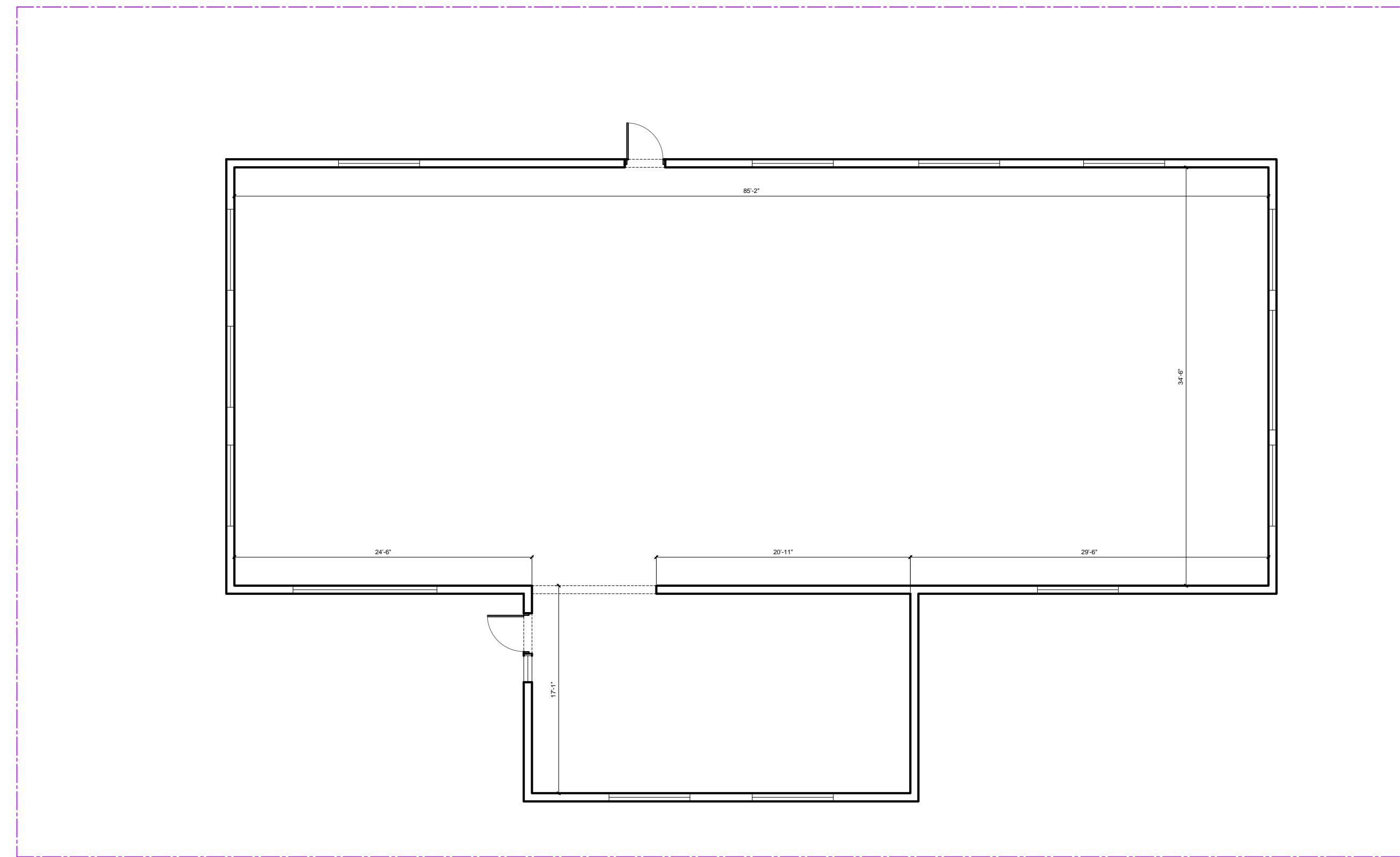
**IMPORTANT:** IF THE DEMOLITION OF ANY NON-STRUCTURAL COMPONENT THREATENS THE INTEGRITY OF ANY STRUCTURAL COMPONENT, DEMOLITION WORK SHALL STOP AND THE CONTRACTOR SHALL FILE AN RFI (REQUEST FOR INFORMATION) WITH THE ARCHITECT. DEMOLITION WORK SHALL NOT RESUME UNTIL WRITTEN INSTRUCTIONS ARE PROVIDED.

**EXPLORATORY DEMOLITION KEY NOTES**

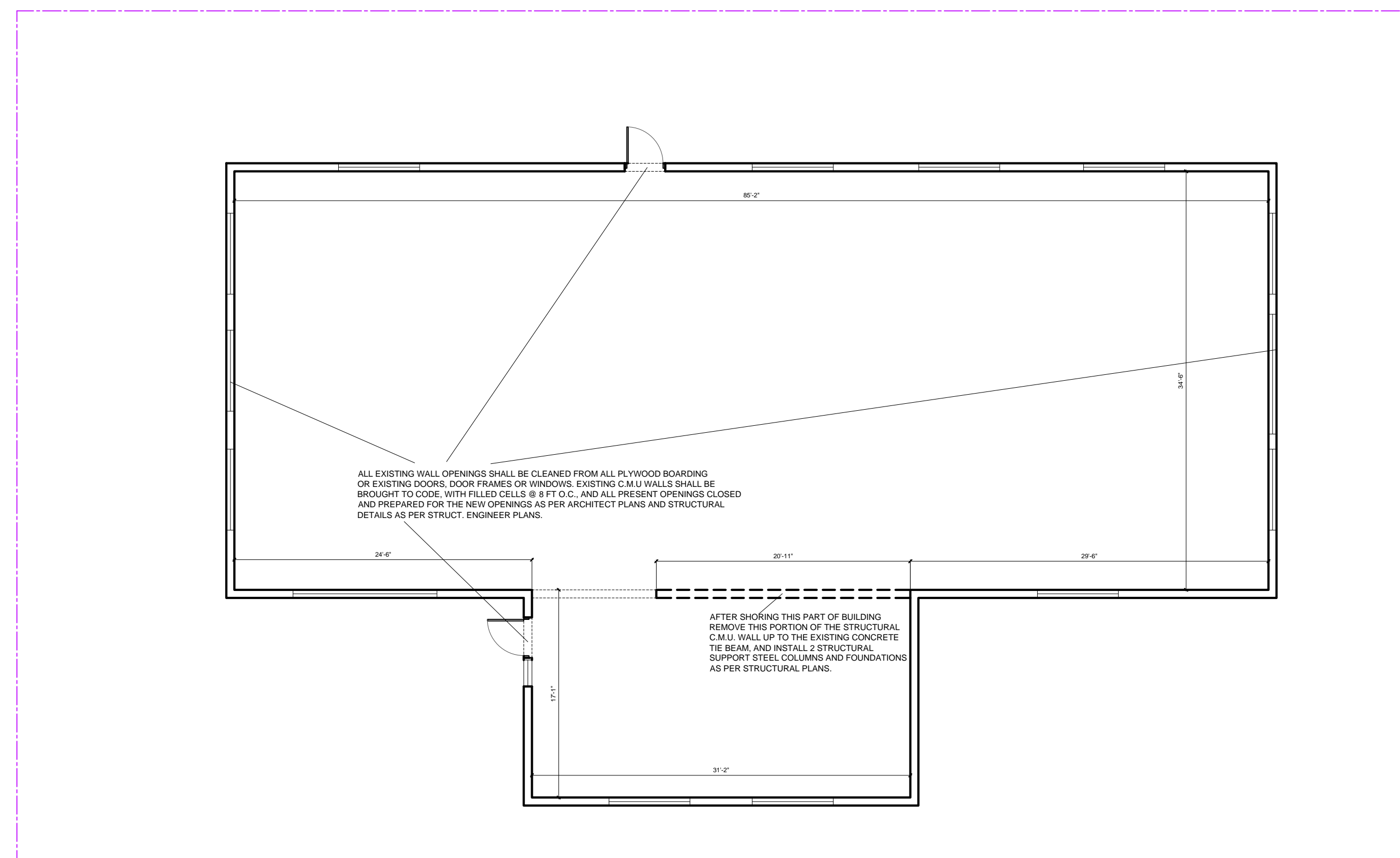
1. EXISTING FOOTPRINT TO REMAIN AS IS - NO ADDITIONAL AREAS OR STRUCTURES ADDED TO FOOTPRINT FOR THIS PERMIT.
2. ALL EXISTING WINDOWS AND EXTERIOR DOORS TO REMAIN.
3. NO CHANGE PROPOSED IN USE.
4. NO CHANGE PROPOSED TO PARKING.
5. NO CHANGE PROPOSED TO LANDSCAPING.
6. ALL EXISTING PLUMBING FIXTURES UNLESS OUTLINED IN PLAN TO REMAIN AS IS.
7. ALL EXISTING FLOOR DRAINS TO REMAIN.
8. ALL NON STRUCTURAL INTERIOR DRYWALL WALLS, AND FRAMING, PERIMETER WALLS DRYWALL AND FURRING AS OUTLINED IN PLAN TO BE REMOVED.
9. ALL EXISTING STRUCTURAL COMPONENTS TO REMAIN.
10. ALL INTERIOR CEILINGS AND FLUORESCENT LIGHTING FIXTURES TO BE REMOVED.
11. NEW BUILD OUT PLAN TO BE SUBMITTED UNDER A SEPARATE PERMIT UPON COMPLETION OF EXPLORATORY DEMOLITION.

**LEGEND**

----- ITEMS TO BE REMOVED



**EXISTING FLOOR PLAN**



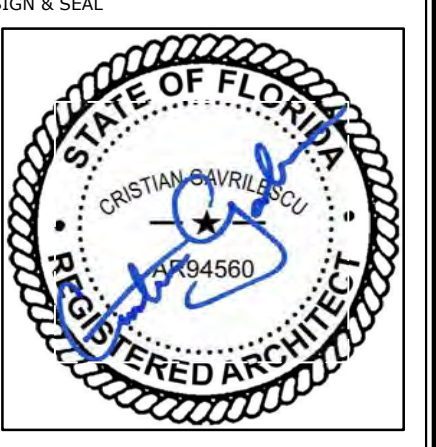
**DEMOLITION PLAN**

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Issue No.	Date	Description

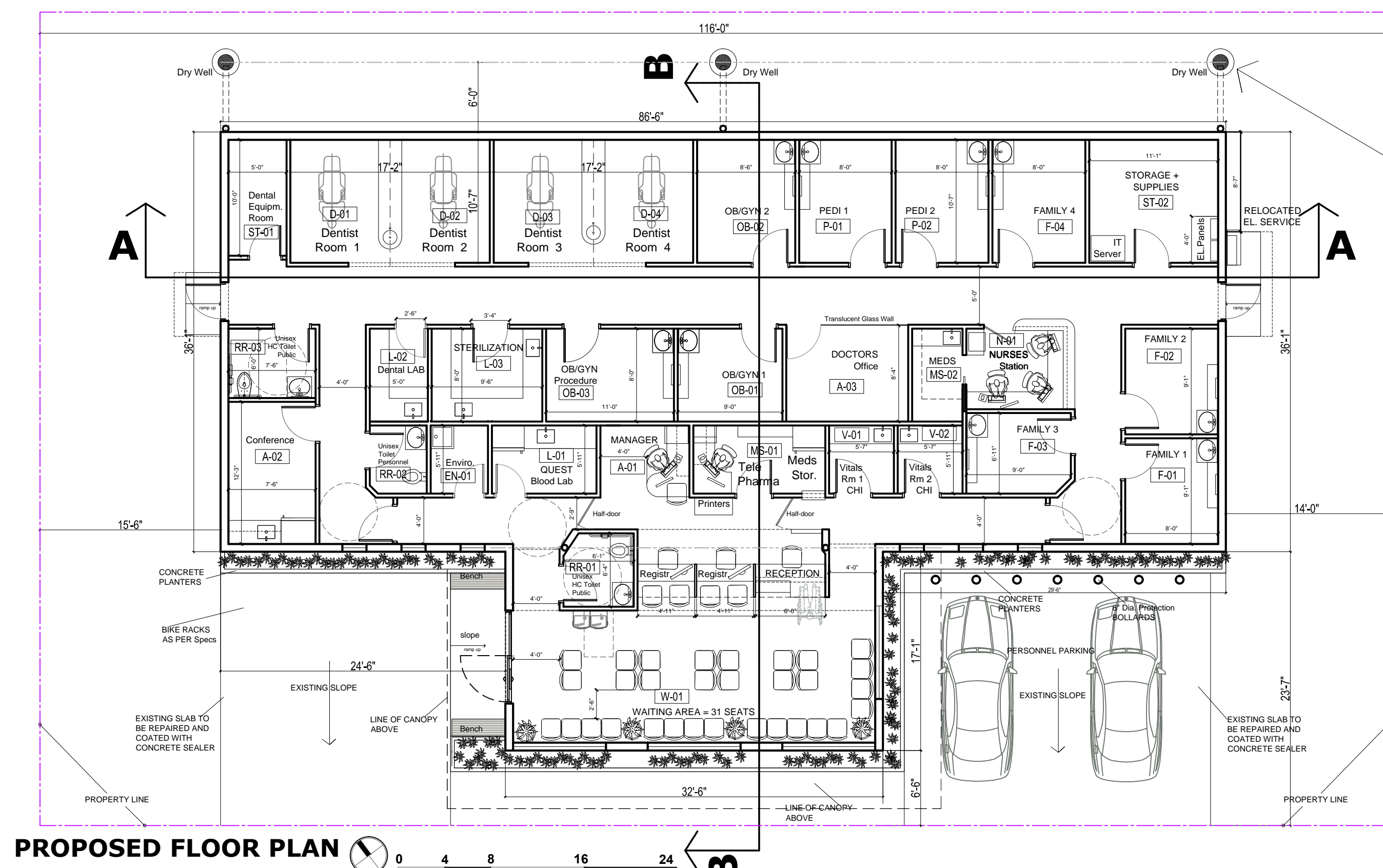
Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
 727 FORT STREET, KEY WEST, FL 33040

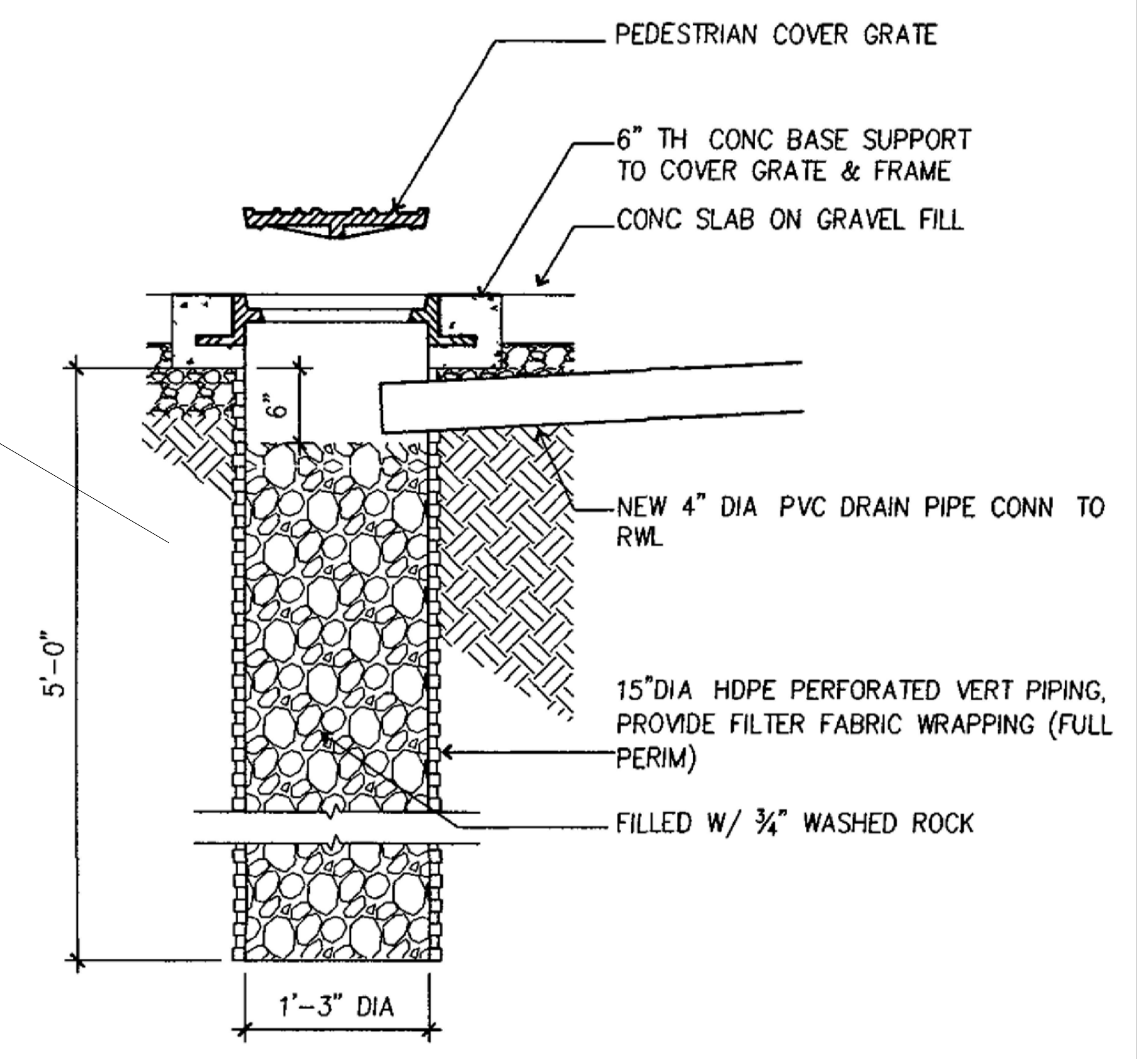


Registered Architect # AR 94560  
**EXISTING / DEMO PLAN**

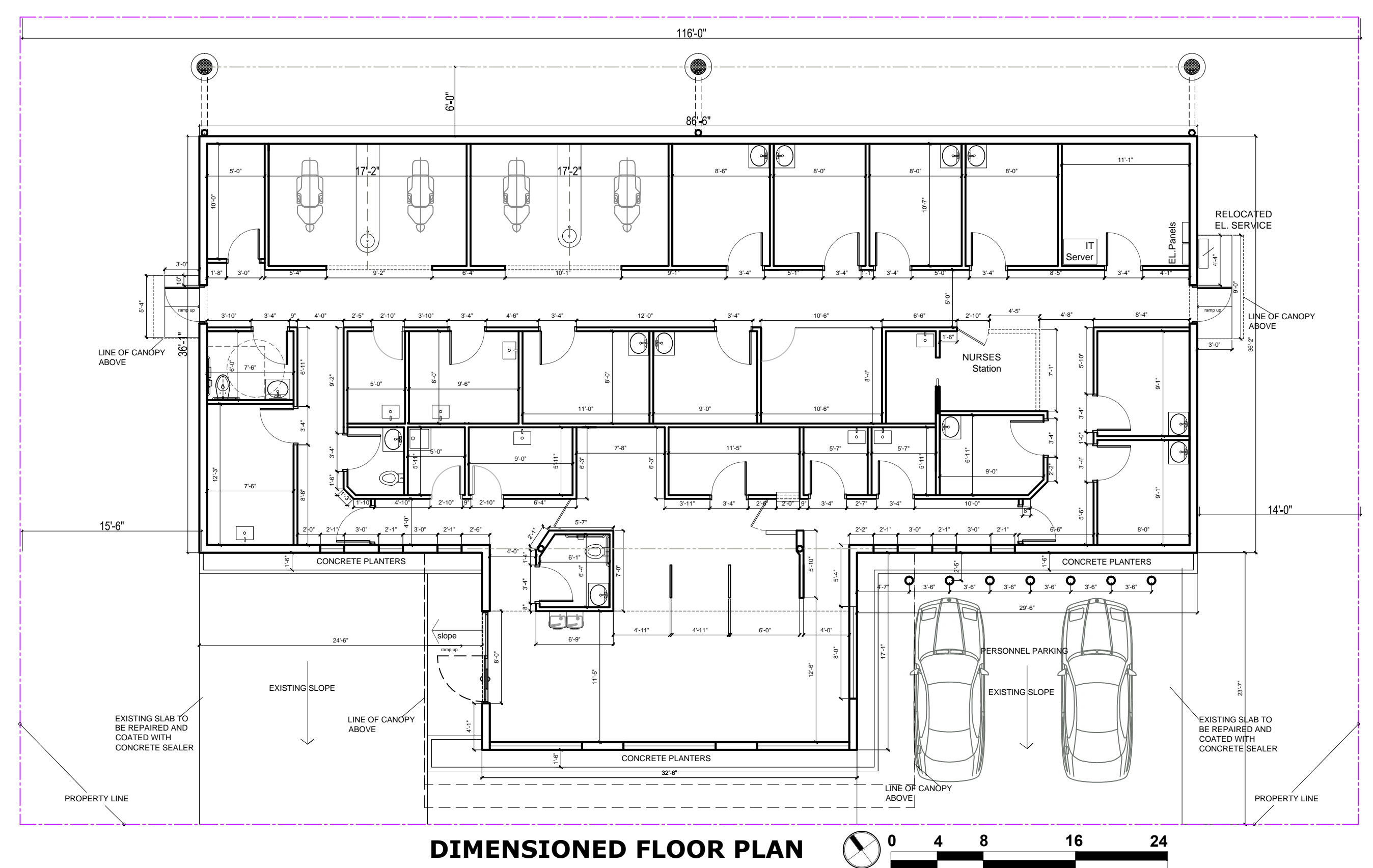
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06.01.20	<b>A1.02</b>
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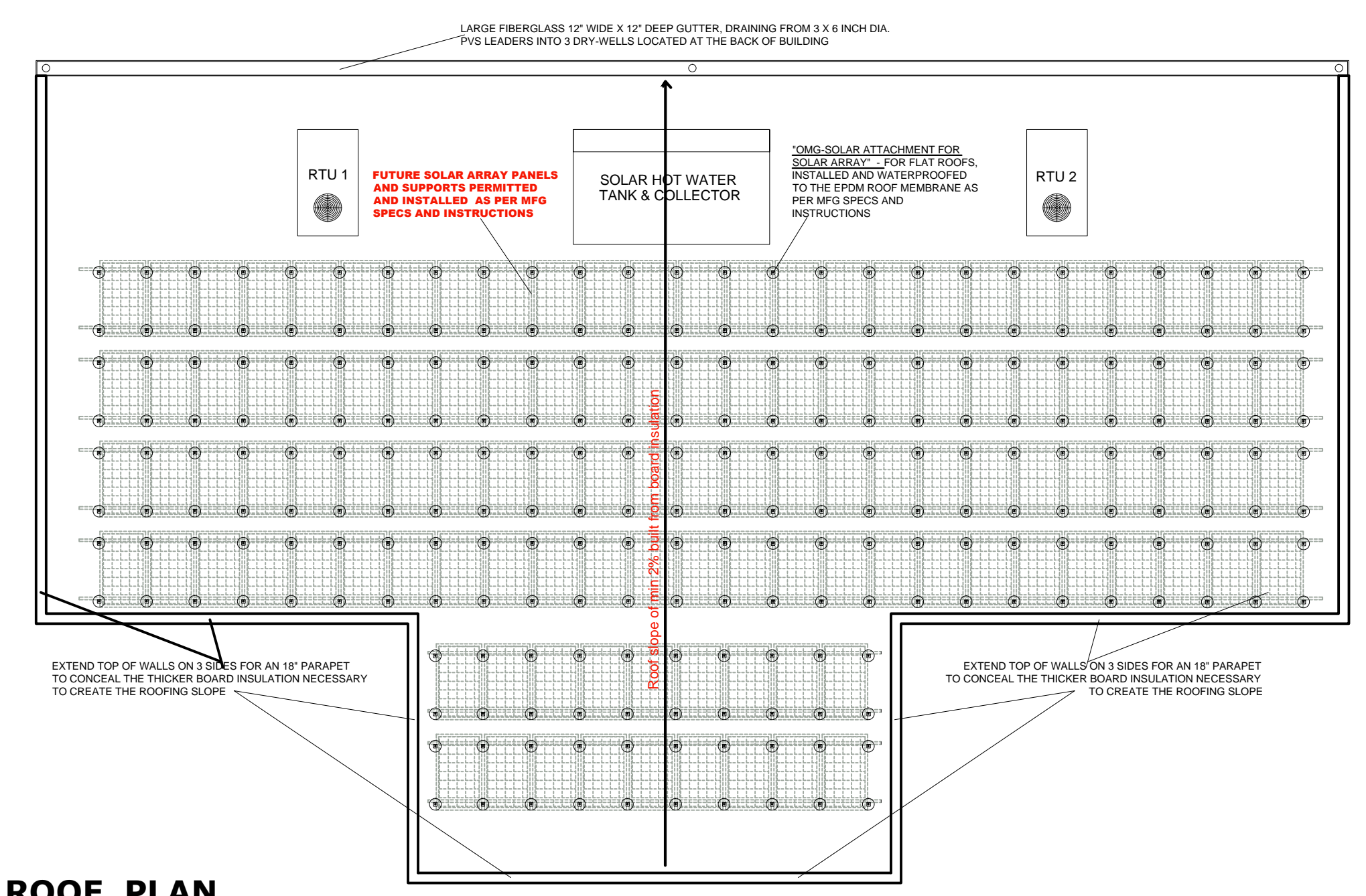
**PROPOSED FLOOR PLAN**



**DRY WELL DETAIL** SCALE 3/4" = 1'-0"



**DIMENSIONED FLOOR PLAN**



**ROOF PLAN**

**architectura group**  
**miami**  
**ARCHITECTURA GROUP MIAMI**  
 ARCHITECTURE  
 INTERIOR DESIGN  
 PLANNING  
 AA26001885  
 ID 00003873  
 1920 E HALLANDALE BLVD., PH-11  
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No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
 727 FORT STREET, KEY WEST, FL 33040

Sign & Seal  
  
 Registered Architect # AR 94560

Sheet title  
**PROPOSED FLOOR PLAN**

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**A1.03**

Issue		
No.	Date	Description

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Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
 727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560

Sheet title  
**FINISHING SCHEDULES**

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Project Number	269.20
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Issue date	Sheet #
06.01.20	<b>A1.09</b>
Scale	NTS

ROOM NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING	REMARKS
		SEALED/PAINT CONC. PORCELAIN TILE LVT - LUXURY VINYL TILE	RUBBER / VINYL PORCELAIN TILE	PAINTED GYPSUM BOARD FULL HEIGHT, TILE EPOXY PAINT	MEDICAL GRADE ACOUSTICAL TILE CEILING DECORATIVE - ACOUSTIC / ACCENT PANELS	
W-01	LOBBY / WAITING / CORRIDOR 1ST FLOOR		●	●	●	
A-01	MANAGER OFFICE		●	●	●	
A-02	CONFERENCE ROOM		●	●	●	
A-03	DOCTORS OFFICE		●	●	●	
D-01	DENTAL ROOM 1		●	●	●	
D-02	DENTAL ROOM 2		●	●	●	
D-03	DENTAL ROOM 3		●	●	●	
D-04	DENTAL ROOM 4		●	●	●	
F-01	FAMILY ROOM 1		●	●	●	
F-02	FAMILY ROOM 2		●	●	●	
F-03	FAMILY ROOM 3		●	●	●	
F-04	FAMILY ROOM 4		●	●	●	
P-01	PEDS 01		●	●	●	
P-02	PEDS 02		●	●	●	
OB-01	OBYN 01		●	●	●	
OB-02	OBYN 02		●	●	●	
OB-03	OBYN 03		●	●	●	
L-01	QUEST BLOOD LAB		●	●	●	
L-02	DENTAL LAB		●	●	●	
L-03	STERILIZATION ROOM		●	●	●	
MS-01	MED STORAGE / TELE PHARMA		●	●	●	
MS-02	MED STORAGE / TELE PHARMA		●	●	●	
N-01	NURSES STATION		●	●	●	
V-01	VITALS ROOM 1		●	●	●	
V-02	VITALS ROOM 2		●	●	●	
ST-01	DENTAL EQUIPMENT ROOM	●	●	●	●	
ST-02	STORAGE & SUPPLIES			●	●	
RR-01	RESTROOM 01	●	●	●	●	
RR-02	RESTROOM 02	●	●	●	●	
RR-03	RESTROOM 03	●	●	●	●	
EN-01	ENVIRO STORAGE	●	●	●	●	

NOTES:  
 1. ALL INTERIOR CEILINGS AND WALL FINISHES SHALL BE CLASS 'A' THROUGHOUT.  
 2. ALL INTERIOR FLOOR FINISHED SHALL BE TYPE '2' THROUGHOUT.  
 3. ALL TOILET ROOM FLOORS AND WALLS (to 8'-0" A.F.F.) to be of IMPERVIOUS MATERIAL.

LVT Flooring SPECIFICATION FOR PURCHASE  
 MANUFACTURER: AMTICO  
 Material: LVT Planks 9" X 36"; Collection: AMTICO Signature;  
 Color: WASHED TEAK (AROW5990); Wear Layer: 40 MIL;  
 QUANTITY TO INSTALL: 3,400 Sq. F.

LVT Floors + KOSTER Moisture Mitigation Membrane

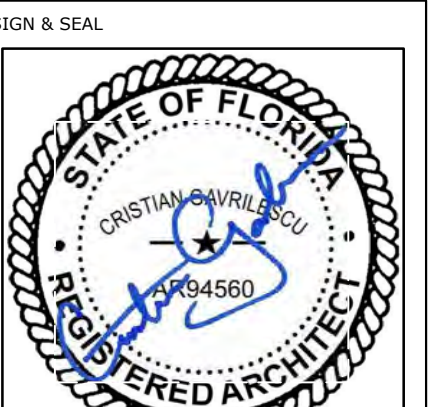
SPECIFICATION FOR INSTALLATION:  
 1. DUST OFF AND WET MOP CLEAN AREA - 3500 SQF  
 2. Installation of KOSTER PRIMER in ( VAP I 06)2 coats - TOTAL 7,000 Sq. F.  
 3. INSTALLATION of KOSTER WATERPROOFING Liquid Membrane (VAP 2000 UFS) - 3500 Sq.F  
 4. INSTALLATION OF SELF LEVELING CEMENTITIOUS COMPOUND TO LEVEL AREAS OF THE SLAB CUTS AND REPAIRED: +/- 1,500 Sq.F.  
 5. INSTALLATION OF LVT PLANKS - 3,400 Sq.F.  
 6. INSTALLATION OF of VINYL WALL BASE (4 " )

No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name

**CHI KEY WEST Medical Center RENOVATION**  
727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560

Sheet title

**LIFE SAFETY PLANS**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	Sheet #

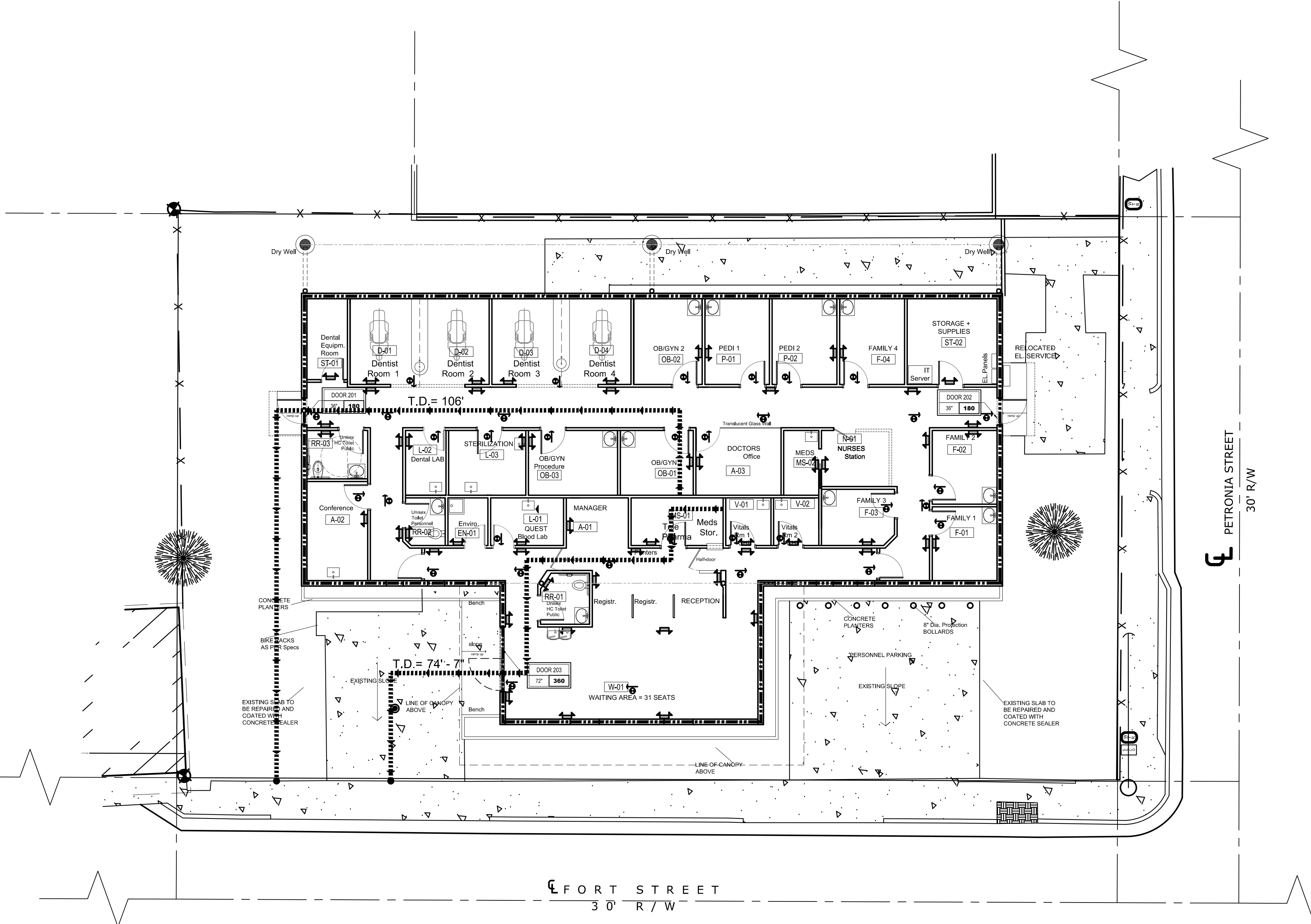
06.01.20  
Scale  
NTS  
**A1.05**

DESIGN DATA	
CODES: FLORIDA BUILDING CODE 2017 6 TH EDITION NFPA 101 2015 EDITION 2017 6 TH EDITION OF FLORIDA ACCESSIBILITY CODE FLORIDA FIRE PREVENTION CODE (FFPC) 6TH EDITION ALTERATION LEVEL III - MODIFICATION PER NFPA 01 CHAPTER 43	
DESIGN CRITERIA	PROPOSED
OCCUPANCY GROUP	B
AUTOMATIC SPRINKLER SYSTEM	NO
TYPE OF CONSTRUCTION	TYPE II UNPROTECTED
L.S.C. OCCUP. CLASSIF. (NFPA 101)	B
L.S.C. HAZARD CLASSIF. (NFPA 101)	ORDINARY
OWNER OPERATED	
NUMBER OF STORIES	EXISTG 1 PROPOSED 1
MEANS OF EGRESS	3

OCCUPANT LOAD CALCULATIONS BY OCCUPANT SPACE (AS PER TABLE 1004.1.2 F.B.C. 2017)			
TOTAL GROSS AREA ALL FLOORS	CODE REQ. Sq.F./Person	OCCUPANT LOAD	OCCUPANCY
3,495	100 GROSS	35	B
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (CHAPTER 8 F.B.C. 2017)			
SPRINKLERED			
GROUP	EXIT ENCLOSURES AND EXIT PASSAGEWAYS	CORRIDORS	ROOM AND ENCLOSED SPACES
B	A	A	B
WALL AND CEILING FINISHES PROVIDED PER 803 CLASS 'A' AS FOLLOWS: FLAME SPREAD INDEX: 0-25 SMOKE DEVELOPED INDEX: 0-45			
WALL AND CEILING FINISHES PROVIDED PER 803 CLASS 'B' AS FOLLOWS: FLAME SPREAD INDEX: 26-75 SMOKE DEVELOPED INDEX: 0-45			
FIRE EXTINGUISHER REQUIREMENTS			
CLASSIFICATION OF FIRES	MINIMUM RATING	MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER	TYPE OF EXTINGUISHER
A	2A	75 FT	

EGRESS EXIT CAPACITY CALCULATIONS (AS PER SEC 1005 F.B.C. 2017 EDITION)			
DOOR	WIDTH	FACTOR	CAPACITY
DOOR 201	36"	.2	180
DOOR 202	36"	.2	180
DOOR 203	72"	.2	360
TOTAL CAPACITY OF EXITS			720
TOTAL MAX OCCUPANCY			35
EXIT ACCESS TRAVEL DISTANCE			
OCCUPANCY CLASSIFICATION	TRAVEL DISTANCE LIMIT CODE REQ.	PROVIDED	REMARKS
BUSINESS B	200 FT.	74' - 7" 106' - 0"	*T.D. - MS-01 TO SIDEWALK *T.D. - OB-01 TO SIDEWALK

LIFE SAFETY LEGEND	
	PRIMARY EGRESS
	EXIT LIGHT
	EMERGENCY LIGHT
	FIRE EXTINGUISHER
	FEC (FIRE EXT. IN SEMI-RECESSED CABINET SMOKE DET)
	MEANS OF EGRESS
	CORRIDOR
	EGRESS CAPACITY
	TRAVEL DISTANCE
	TRAVEL DIRECTION
	FIRE RESISTANCE SEPARATION



FIRE EXTINGUISHER LEGEND		
LOCATION	MINIMUM RATING	AREA/UNIT OF RATING/TRAVEL DIST.
OFFICE AREAS	2A	3000 S.F./ 75 FT.
PUBLIC AREAS	2A	1500 S.F./ 75 FT.

DOOR HARDWARE NOTES  
ALL HARDWARE OF DOORS LEADING TO EXITS FROM OCCUPIED SPACES TO COMPLY WITH THE FOLLOWING:

DOOR OPERATIONS.  
EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

1008.1.8.1 HARDWARE.  
EGRESS DOORS AND H.C. BATH HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.

1008.1.8.2 HARDWARE HEIGHT.  
A LATCH OR OTHER FASTENING DEVICE ON A DOOR SHALL BE PROVIDED WITH A RELEASING DEVICE HAVING AN OBVIOUS METHOD OF OPERATION UNDER ALL LIGHTING CONDITIONS. THE RELEASING MECHANISM FOR ANY LATCH SHALL BE LOCATED AT LEAST 34 INCHES (864 MM) AND NOT MORE THAN 48 INCHES (1219 MM) ABOVE THE FINISHED FLOOR. DOORS SHALL BE OPENABLE WITH NOT MORE THAN ONE RELEASING OPERATION.

LIFE SAFETY NOTES - NFPA 101 - 2016  
PROJECT DESCRIPTION  
-BLDG. HAS NO FIRE SPRINKLER SYSTEM  
-BLDG. HAS FIRE ALARM SYSTEM  
-THERE IS NO EXTG. OR PROP. BACK-UP GENERATOR

MATERIAL STORAGE RESTRICTION  
LOW / ORDINARY HAZARD PER NFPA 101: 6.2.2.

MEANS OF EGRESS (GEN IND. SPRINKLERED)

- TRAVEL DISTANCE (TABLE 1017.2 FBC 2017)  
MAX ALLOWED 200.0' - 106' MAX PROVIDED
- PROP. MAIN ENTRANCE/EGRESS DOORS CLEAR WIDTH = 1 x 72" & 2 X 36"
- (3) EXTG EXITS PROVIDED

DOORS HARDWARE NOTES:  
-ALL DOORS (EXCEPT STOREFRONTS) TO BE LEVER TYPE.  
-BATHROOM TO HAVE PRIVACY LOCKS (THUMB RELEASE FROM INTERIOR).

DOOR ELEVATION NOTE:  
-MAXIMUM ALLOWABLE ELEVATION CHANGE AT ALL DOOR THRESHOLDS TO BE MAX. 3/8"

FURNISHINGS & DECORATIONS COMPLIANCE PER 15.7.4, 10.3.1

INTERIOR FINISH COMPLIANCE PER 15.3.3, 10.2 WALLS & CEIL. CLASS A, B & C.

SIGNAGE REQ'D POSTAGE  
NO-SMOKING POSTED PER 12.7.8  
OCCUPANT LOAD PER 12.7.9.3

ILLUMINATION OF MEANS OF EGRESS PER 7.8

EMERGENCY LIGHTING PER 7.9

DOORS PER 7.2.1

MARKING OF MEANS OF EGRESS PER 7.10

CODE COMPLIANCE  
ALL WORK TO BE DONE IN ACCORDANCE WITH FFPC 6TH EDITION AND NFPA1 NFPA 101 BUSINESS OCCUPANCY 2015 EDITION

Issue No.	Date	Description

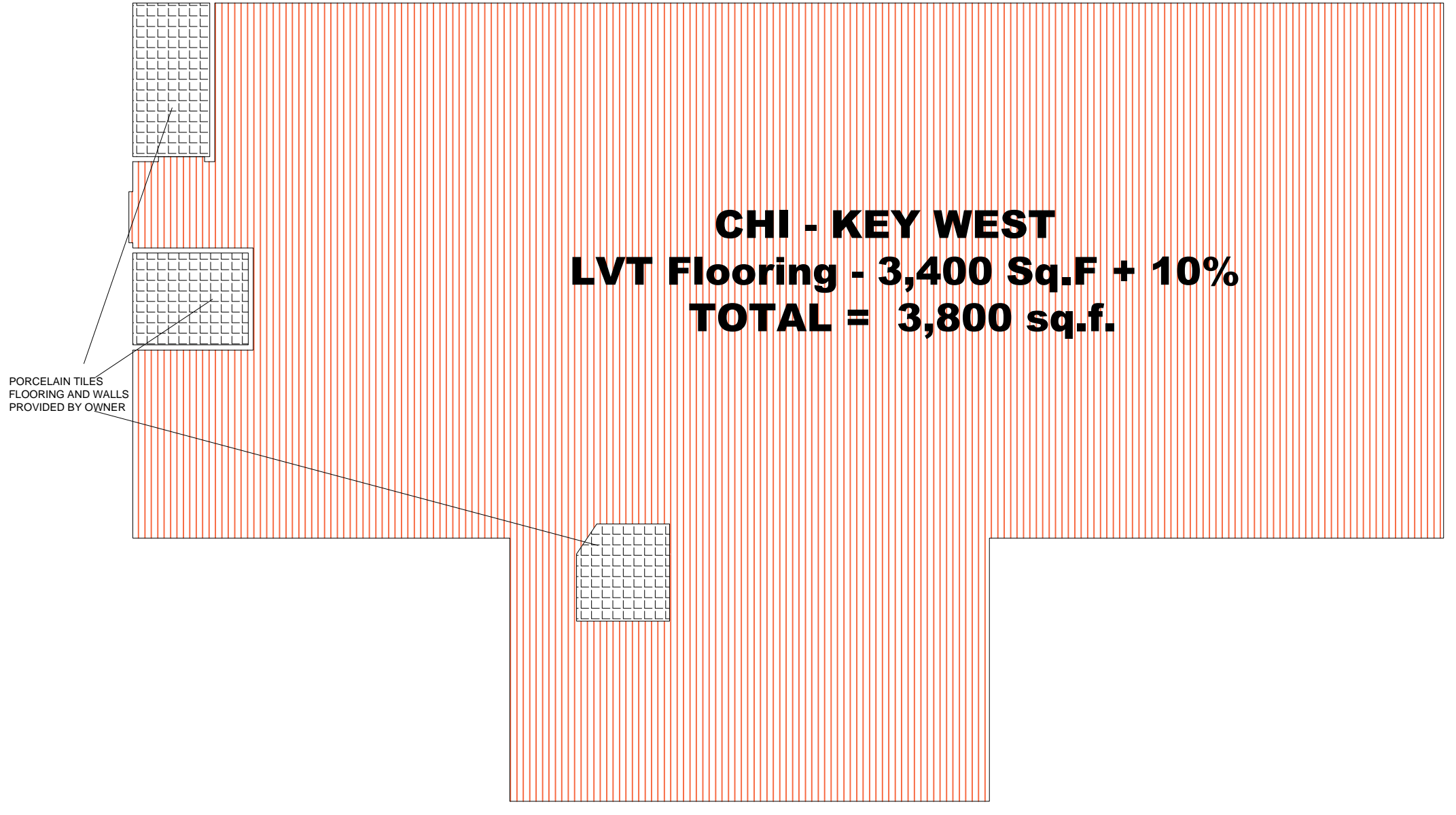
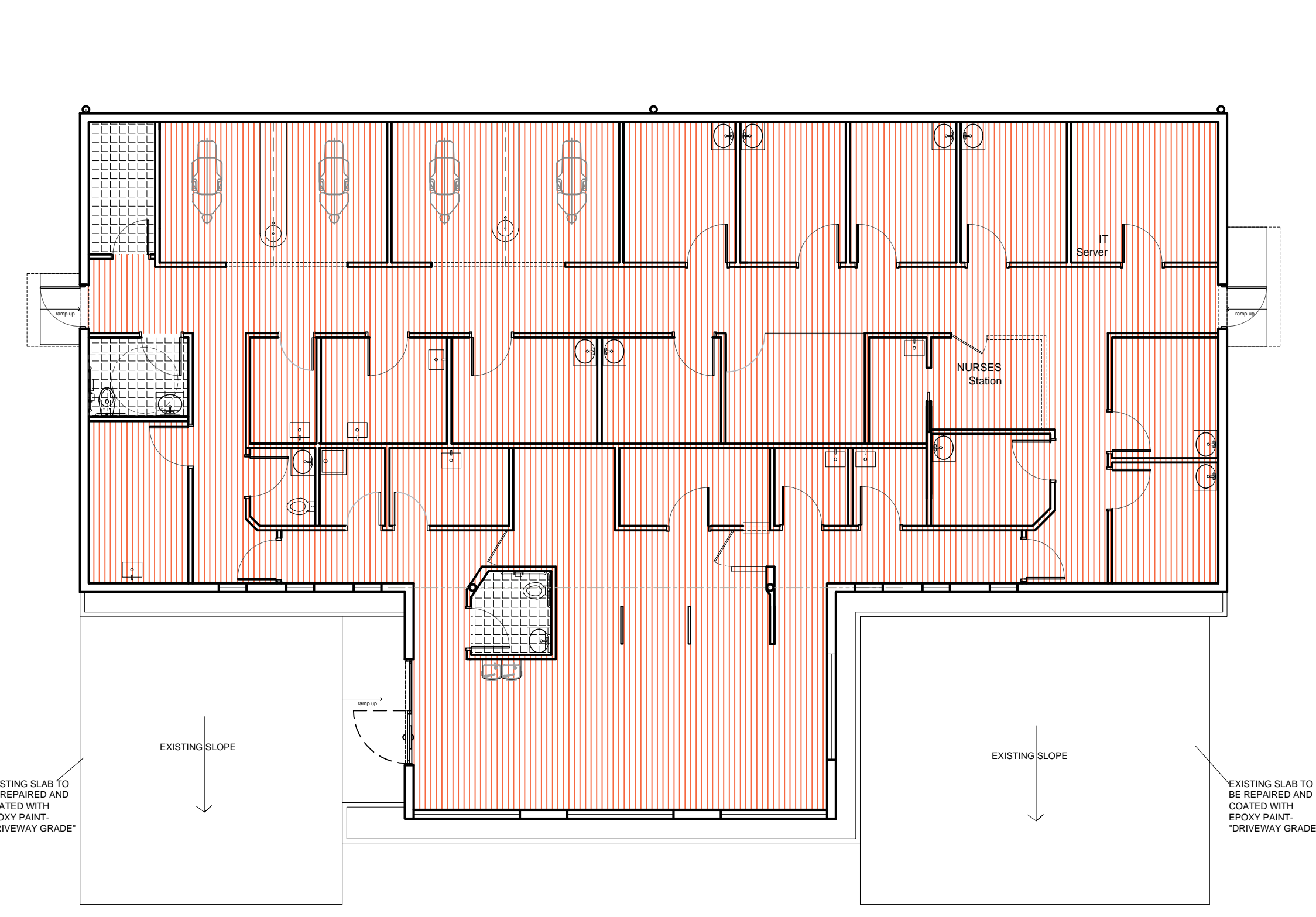
Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560  
Sheet title  
**FLOORING DETAILS**

Drawn by N.P.  
Checked by E.P.  
Project Number 269.20  
Issue for PERMIT  
Issue date Sheet #  
06.01.20  
Scale NTS  
**A1.06**



corners



Use pre-made interior / exterior corner profiles throughout

- LVT Flooring SPECIFICATION FOR PURCHASE**  
MANUFACTURER: AMTICO  
Material: LVT Planks 9" X 36"; Collection: AMTICO Signature;  
Color: WASHED TEAK (AROW5990); Wear Layer: 40 MIL;  
QUANTITY TO INSTALL: 3,400 Sq. F.
- LVT Floors + KOSTER Moisture Mitigation Membrane
- SPECIFICATION FOR INSTALLATION:**
1. DUST OFF AND WET MOP CLEAN AREA - 3500 SQF
  2. Installation of KOSTER PRIMER ( VAP I 06) in 2 coats - TOTAL 7,000 Sq. F.
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  5. INSTALLATION OF LVT PLANKS - 3,400 Sq.F.
  6. INSTALLATION OF VINYL WALL BASE ( 4 " )

**HydraStix® 95** XL Brands  
HIGH MOISTURE SERIES  
**Resilient** MULTI-USE RESILIENT ADHESIVE

HydraStix products are a next generation line of flooring products for the most demanding of installations.

**Multi-use Resilient** is a high-strength, high-tack adhesive for installing multiple types of dimensionally stable floor coverings such as vinyl tiles & planks, vinyl composition tiles (VCT), solid vinyl tile, cork, non-pet backed carpet tile, rubber and vinyl stair treads and vinyl sheet flooring over porous and non-porous substrates. Multi-use Resilient offers extended open time, fast dry time and ease of application. This unique adhesive has outstanding water resistance and tenacious bond strength for demanding installations such as hospitals, schools, nursing homes, hospitality, and food preparation centers. The low odor is ideal for occupied buildings.

**CONCRETE SUBSTRATE CONDITIONS:** Installation on or above grade concrete concrete substrate with up to 8% moisture (PHI per ASTM F1715), and a pH of 11.5.

**USE OVER:** Above or on-grade bare concrete in the absence of moisture vapor pressure. Stone, Terrazzo, ABS approved plastic.

**CERTIFICATIONS:** VOC content is below that established by California SCMD No. 1189. California Section 21.050 compliant. FloorScore® Certified.

**LIMITATIONS:** Not for outdoor use. Not for below grade installation. Shelf life 2 years from date of manufacture, in unopened containers. Store between a temperature between 50-90°F. Cannot be used over substrates which have been previously treated. A bond test MUST be performed. Not for use with PET backed carpet tile. Do not allow product to freeze.

**CRITICAL!!! READ THE SUBSTRATE PREP DOCUMENT BEFORE YOU USE THIS PRODUCT.**

**BEFORE YOU BEGIN:** Important: Proper substrate preparation is essential! Moisture testing must be performed and documented before installation begins. Read XL Brands Technical Bulletin Mixed Substrate Preparation before beginning installation. The document may be found at www.xlbrands.com/technicalbulletins/substrate-preparation. If you have questions, contact XL Brands Technical Department at 1-800-681-4667, Mon-Fri, 8:00am - 5:00pm EST (before you begin).

**USAGE:** The installation site must be addressed with MRAC (moisture). The floor and room temperature, as well as flooring material and adhesive, must be maintained at 65°-85°F and the humidity between 40-60% for 48 hours prior to, during, and continuous after the installation. Asphalt based or oil based adhesive stains must be removed completely. Always get this installation in both directions with a T-bar. Do not accept other contractors after flooring is placed, ensuring complete contact with adhesive.

**INSTALLATION:** **Porous substrates:** Vinyl and non-vinyl sheet flooring may be placed over adhesive after 18-20 minutes open time. Roll off air or porous substrate. When installing vinyl and non-vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch without topcoating. Time of adhesion is 30 min if the flooring is not installed within the working time of the adhesive. **Non-porous substrates:** Roll off air and non-vinyl sheet, tile and plank flooring into adhesive as it becomes dry to the touch with little or no sand to finger when touched. This will normally require 30 minutes of drying time at regulated temperature and humidity. Do not install flooring over wet adhesive on non-porous substrates.

**DISCLAIMER:** HydraStix 95 Resilient Multi-Use Resilient Adhesive and sealers are not moisture barriers and should not be installed without a seal. Always follow the floor covering manufacturer's guidelines for flooring moisture resistance. HydraStix products are not for use with moisture sensitive flooring. Users should determine the suitability of the intended product for their own particular project or application. Manufacturer is not responsible for the misuse of this product. This Technical Data sheet and the information contained herein supersedes all previous versions. XL Brands, HydraStix, Resilient and Seal are registered trademarks of XL Brands, Inc. HydraStix is a registered trademark of the Resilient Floor Coatings Institute.

**RECOMMENDED COVERAGE AND TROWEL:** 1.00 - 1.100 - 1.200 sq. ft./gallon (metric), depth: 1/16" to 1/8" (coverage will be up to 250-300 sq. ft./gal. per gallon)

199 Nexus Drive | Dalton, GA 30721 | Tel: 800.367.4583 | Fax: 706.272.5801  
WWW.XLBRANDS.COM

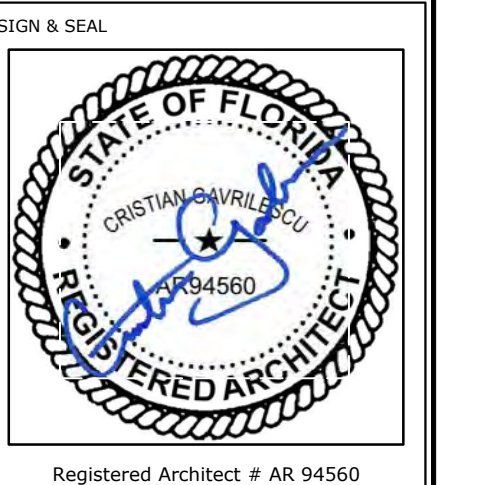
LVT Adhesive for all LVT Finished areas. For the Ground Slab area, first coat slab with "KOSTER" Liquid Moisture Slab Barrier Primer "VAP I 06" and Concrete Waterproofing Membrane "VAP I 2000 UFS" as per Mfg INSTRUCTIONS of Application.

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Issue No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

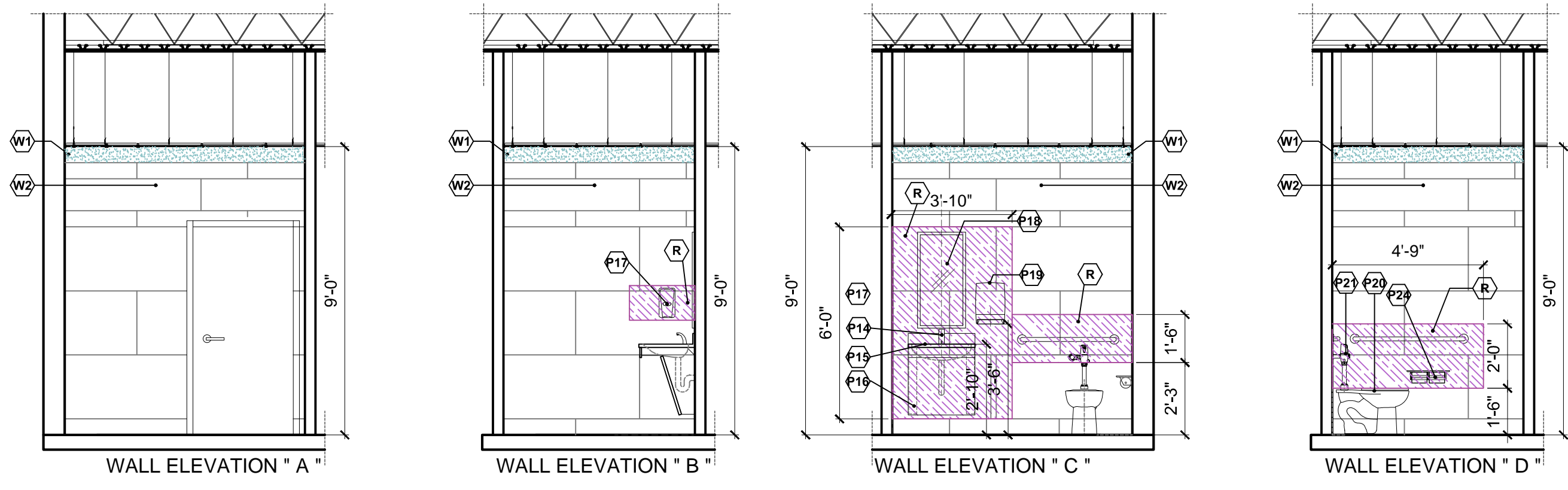
Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
 727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560

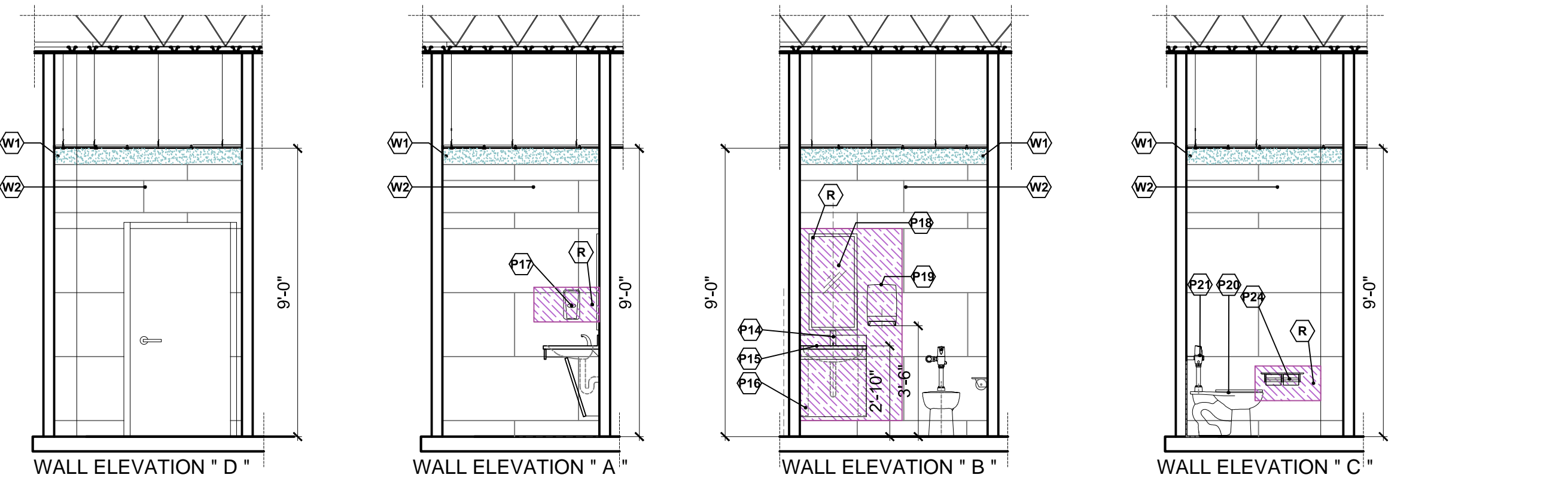
Sheet Title  
**RESTROOMS PLAN + ELEVATIONS**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	<b>A1.07</b>



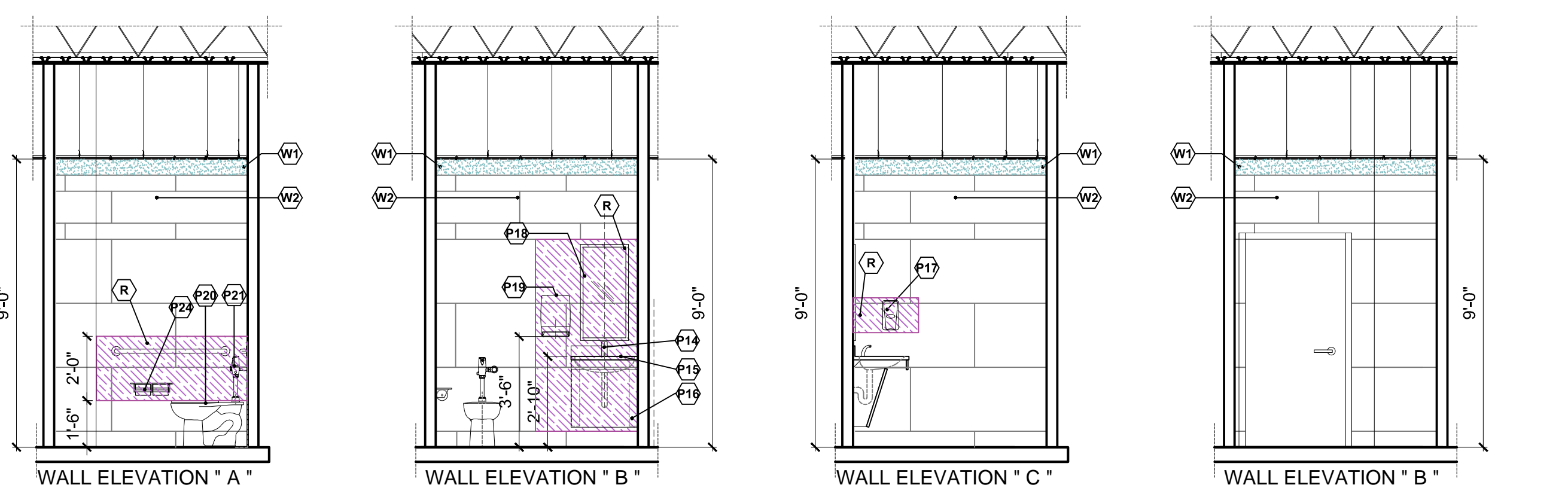
NOTE:  
 P17 & P19 - keyed dispensers housings to be installed with easy access to the key hole side

**RESTROOM # 1 - N.T.S**



NOTE:  
 P17 & P19 - keyed dispensers housings to be installed with easy access to the key hole side

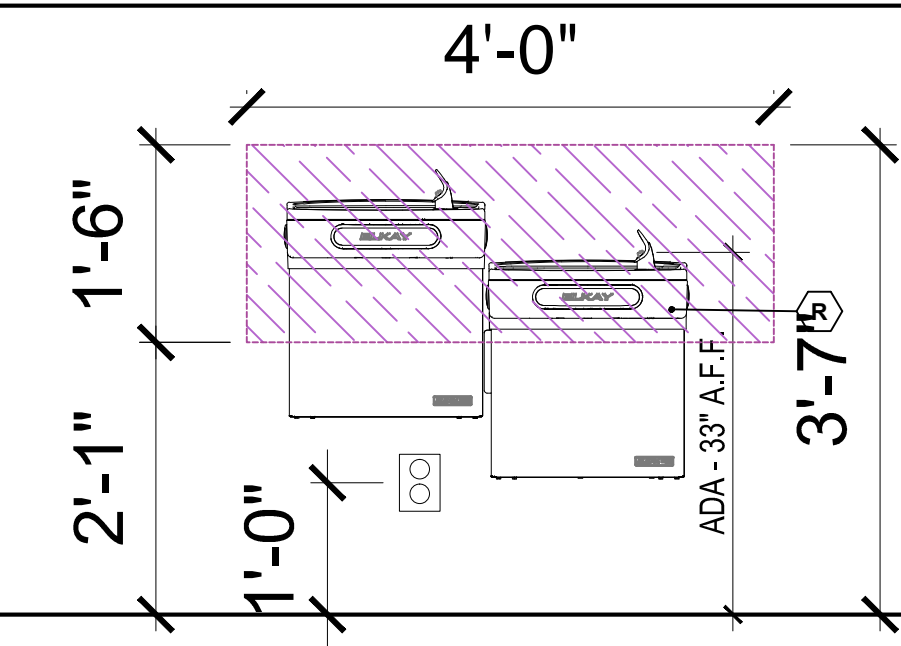
**RESTROOM # 2 - N.T.S.**



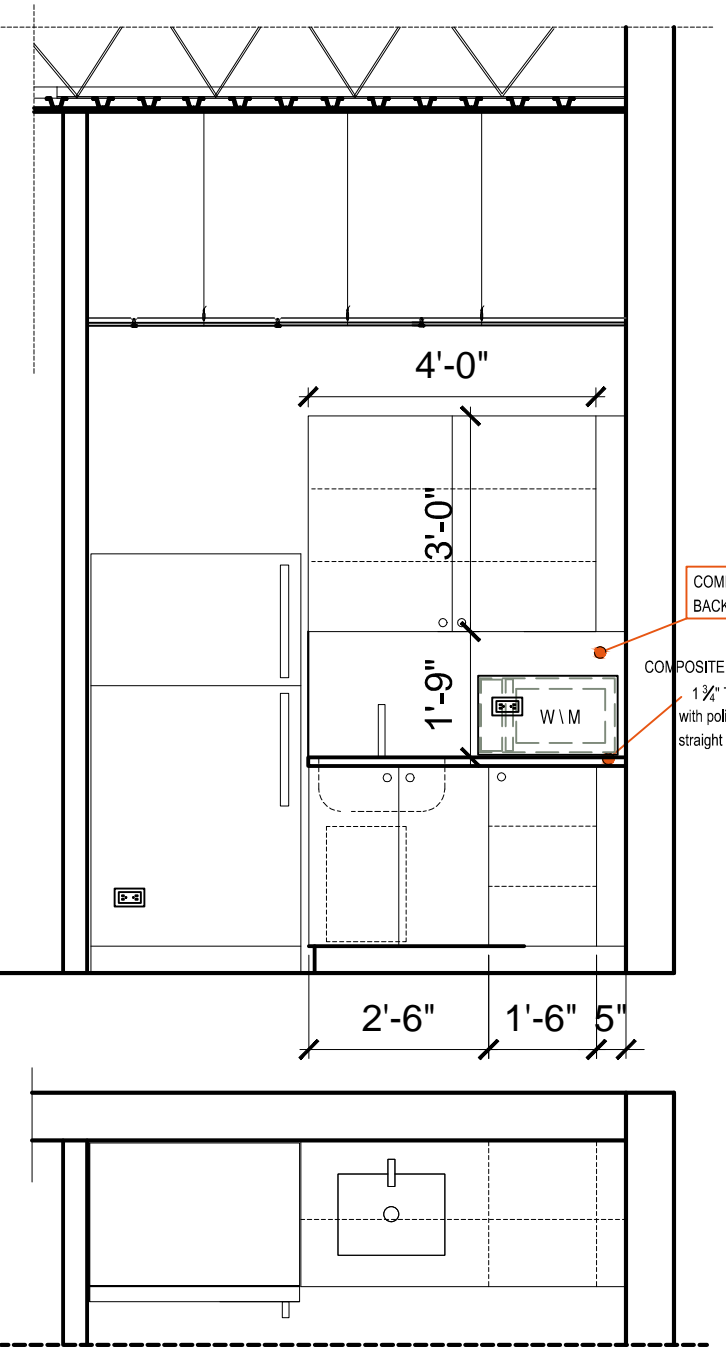
NOTE:  
 P17 & P19 - keyed dispensers housings to be installed with easy access to the key hole side

**RESTROOM # 3 - N.T.S.**

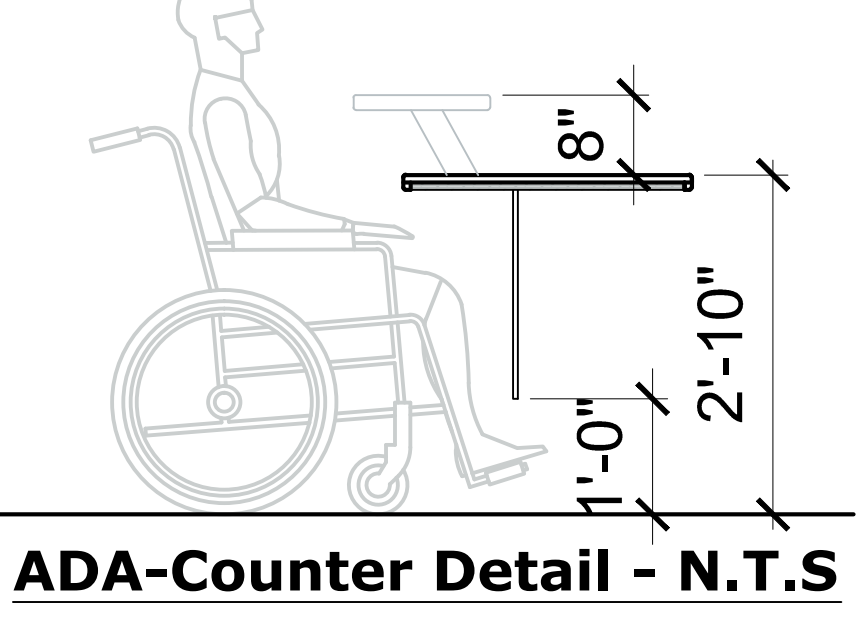
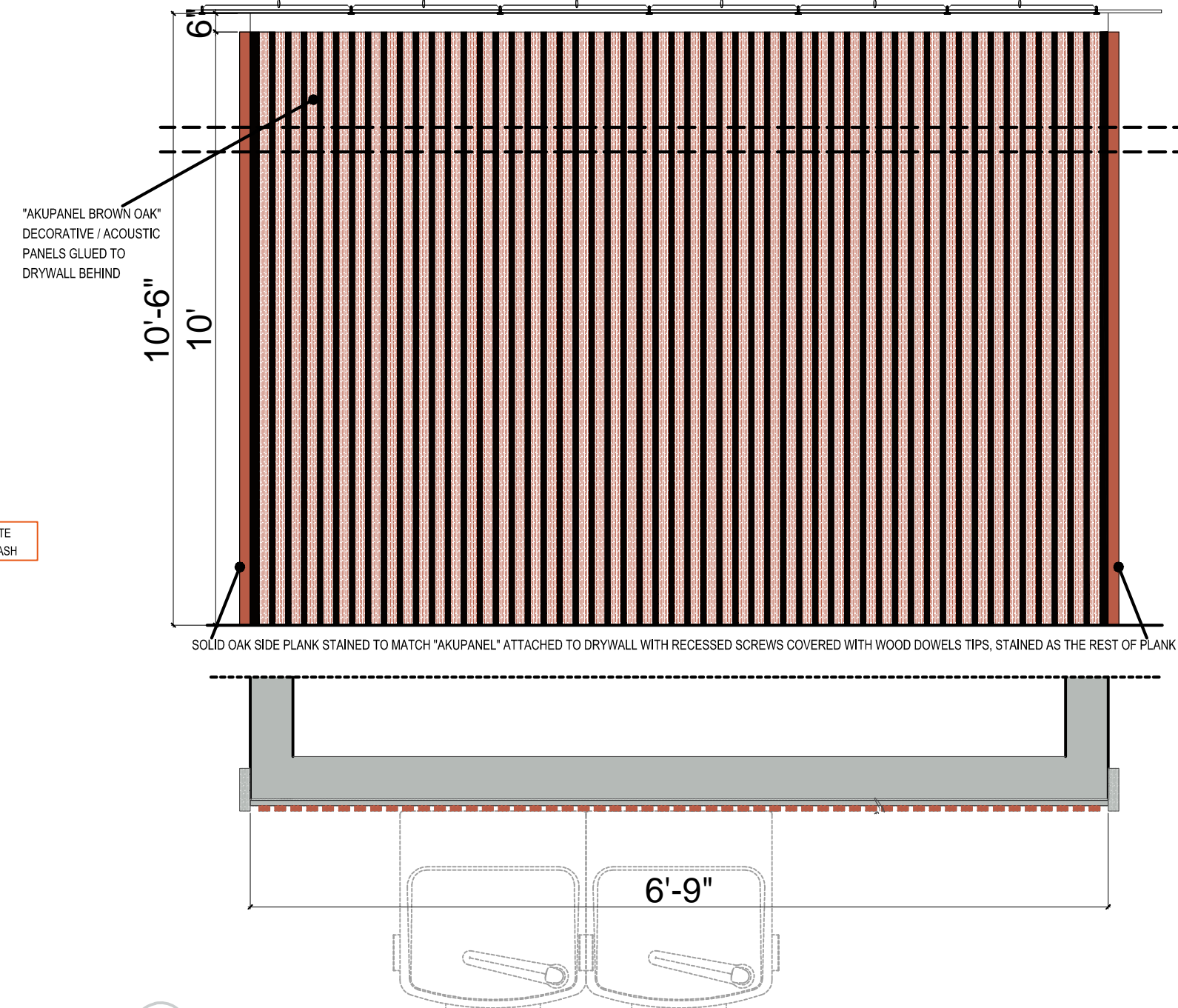
Typical ADA Installation height for ELKAY Double Water Cooler



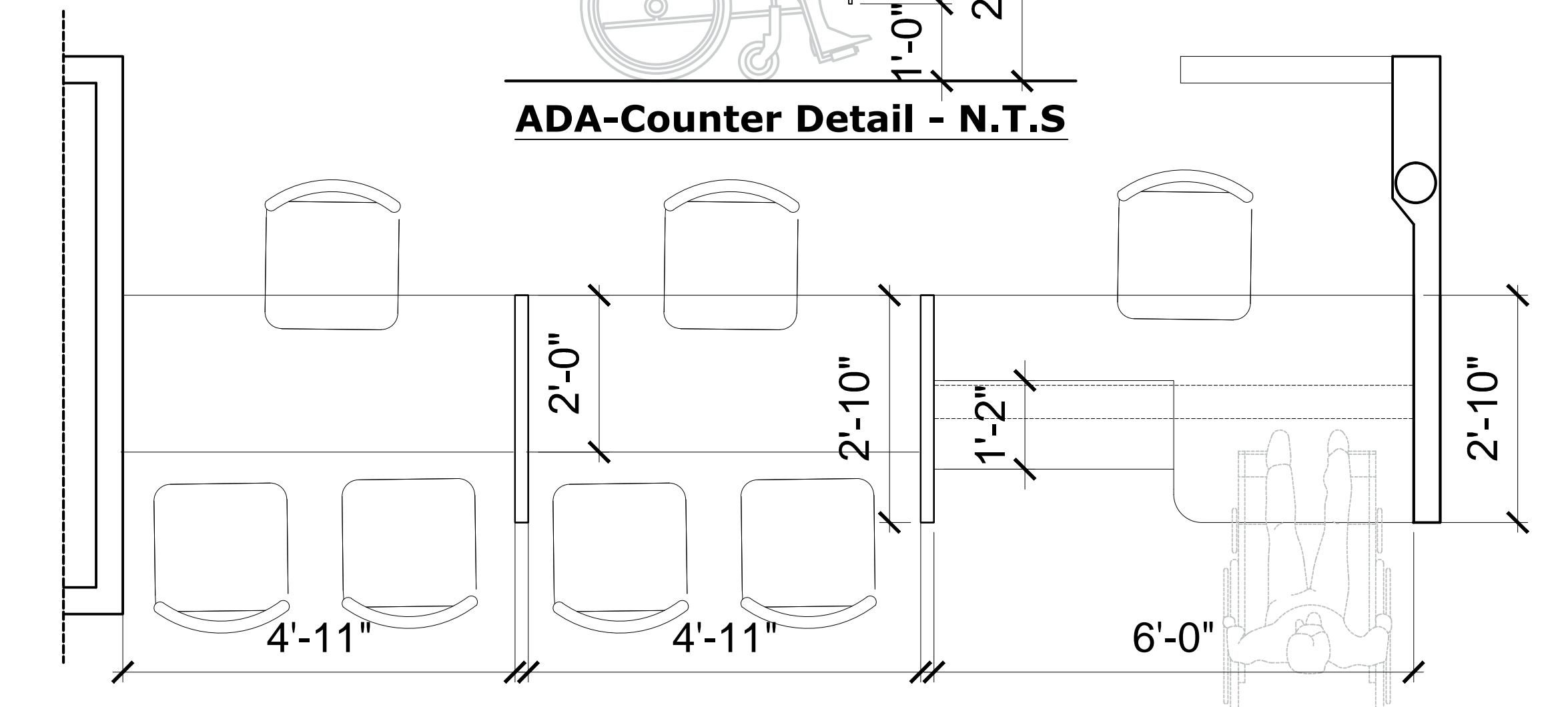
NOTE 1: ALL REINFORCING PLYWOOD "CDX EXT. GRADE"-5/8"	NOTE 3: FOR ALL PLUMBING FIXTURES SPECS AND INSTALLATION INSTRUCTIONS SEE SPECIFICATION MANUAL.
NOTE 2: FOR DOORS AND HARDWARE SPECS AND INSTALL. SEE SPECIFICATION MANUAL.	FLOOR FINISHING - ADA Non Slip
WALL FINISHING	(N) PORCELAIN TILES
(W1) PAINT as per SCHEDULE	
(W2) PORCELAIN TILES	
(R) CDX - 1/2" Ext. Grade Plywood backing	
PLUMBING FIXTURES AND ACCESSORIES	
(F1) "AM. STANDARD" Sensor Faucet (battery)	(F19) AUTOMATIC Hand Towel DISPENSER
(F18) Integrated TOP + SINK + BACKSPLASH	(F20) HIGH EFFICIENCY WC - Am. Standard
(F19) ADA - Under Sink skirt and brackets	(F21) "AM. STANDARD" Auto WC Valve (use LITHIUM batt.)
(F20) AUTOMATIC SOAP DISPENSER	(F22) ADA - Grab Bar 36"
(F21) MIRROR 18" X 36"-Stainless Frame	(F23) ADA - Grab Bar 42"
	(F24) S. Steel-Double Toilet Paper Holder- Vandal Proof
RESTROOM NOTES	
1. CONTRACTOR TO VERIFY & PROVIDE PLYWOOD-BACKING AT ALL RESTROOM & PLUMBING FIXTURES (LAVATORIES, GRAB BARS, ETC.) FOR BRACING AND SUPPORT AS PER DRAWINGS ABOVE.	
2. ALL NEW AND EXISTING FRAME-WALL METAL STUDS SUPPORTING WALL-MOUNTED PLBG. FIXTURES (INCLUDING LAVATORIES AND GRAB BARS) ARE TO BE NO LESS THAN 20 GAUGE, 16" O.C.	
3. ALL EXPOSED HOT WATER AND DRAIN PIPES INCLUDING THOSE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT.	



**KITCHEN - N.T.S.**



**ADA-Counter Detail - N.T.S**



**RECEPTION DESK AREA + A.D.A. DETAILS FOR COUNTERS**



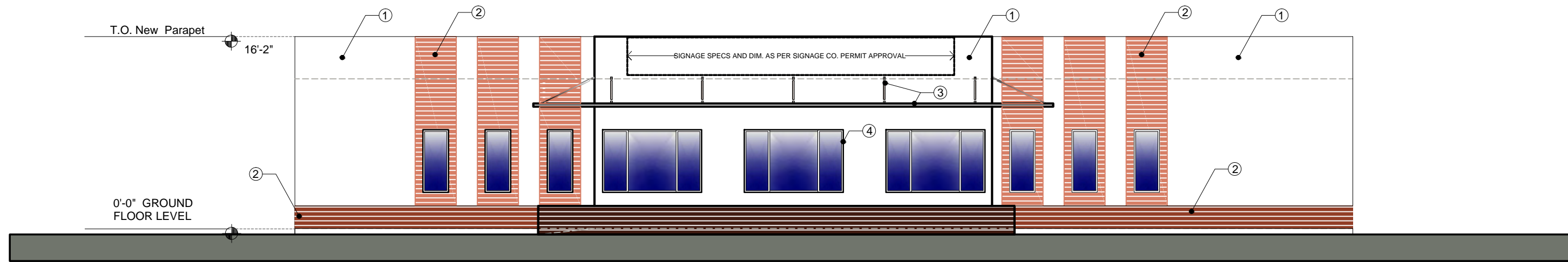




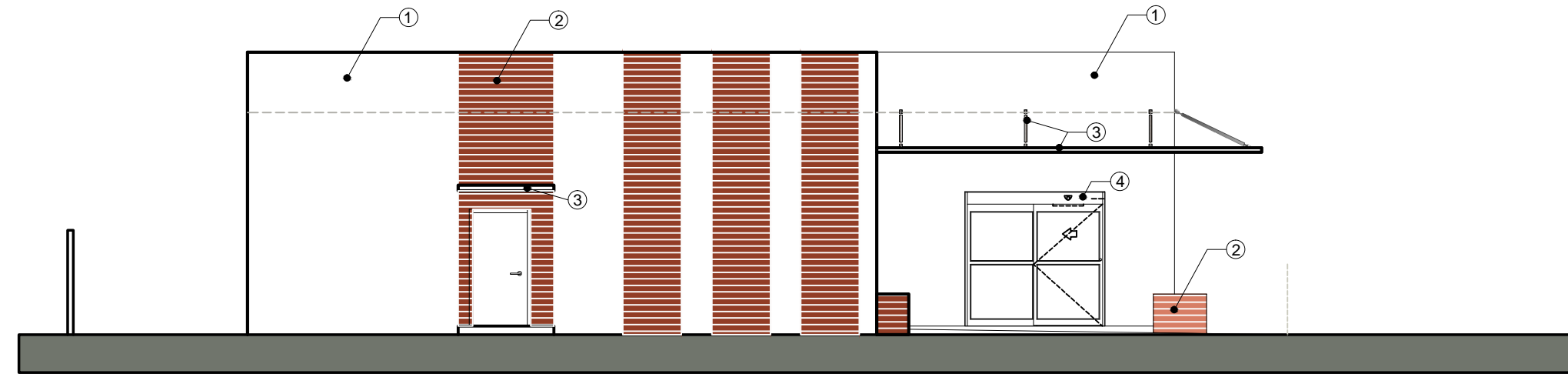




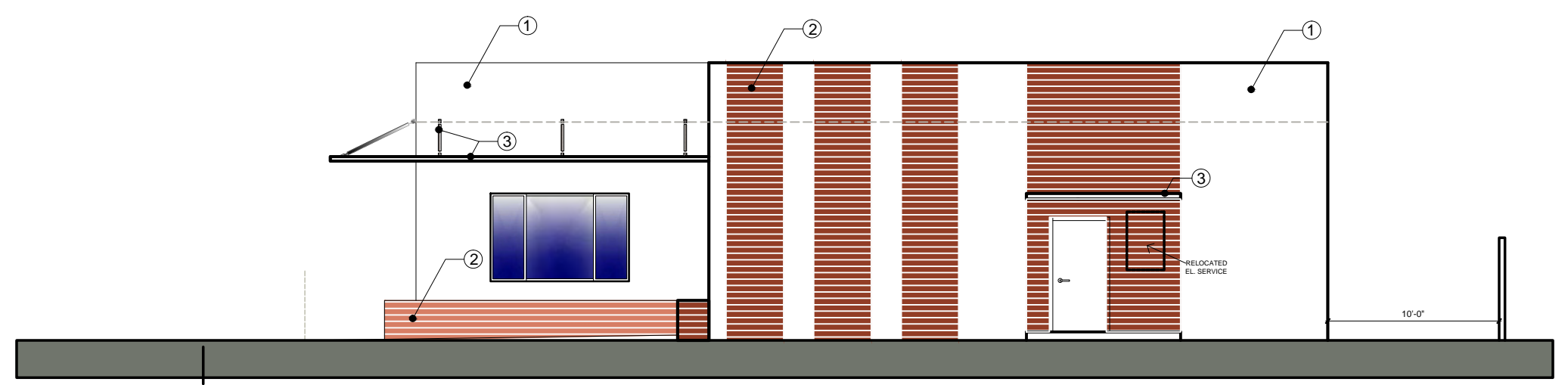
FRONT ELEVATION - SW 0 4 8 16 24



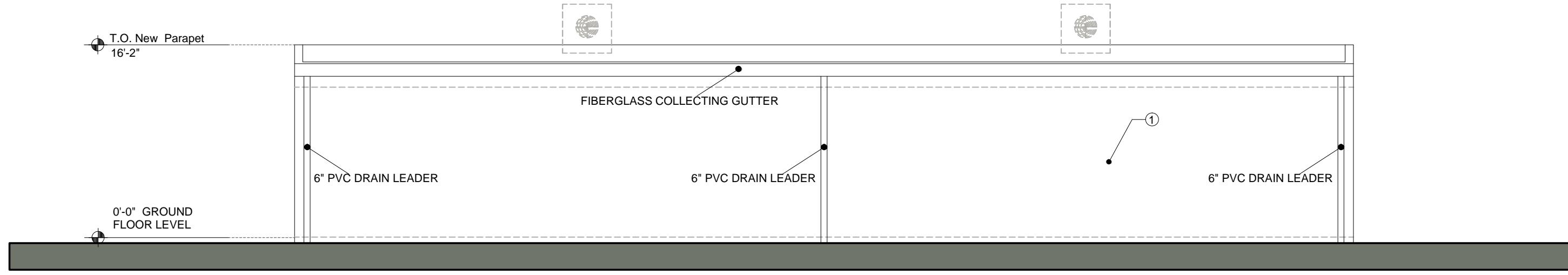
FRONT ELEVATION - SW 0 4 8 16 24



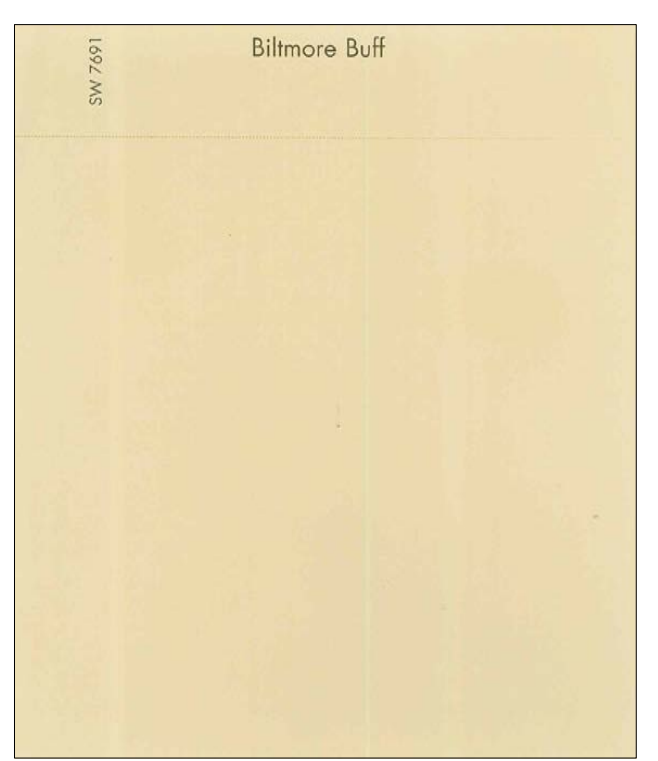
SIDE ELEVATION - NW 0 4 8 16 24



SIDE ELEVATION - SE 0 4 8 16 24



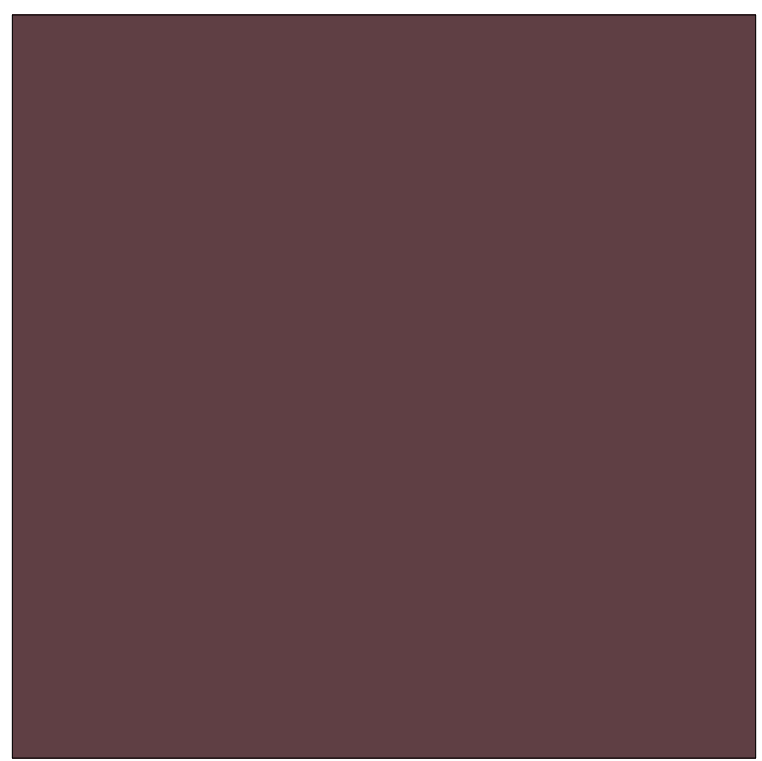
BACK ELEVATION - NE 0 4 8 16 24



1. BUILDING WALLS PAINT: SHERWIN WILLIAMS 7691 - Biltmore Buff Semi Gloss



2. VERTICAL ACCENT STRIPS ON WALLS AND PLANTERS WRAP: "WOOD PATTERN" - PORCELAIN TILES 6" X 36" SLATS



3. EXTERIOR DOORS AND FRAMES AND STEEL CANOPY STRUCTURE COLOR: SW 0072 - DEEP MAROON - SEMI GLOSS



4. WINDOWS FRAMES AND FRONT ENTRANCE DOOR COLOR: DARK BRONZE ANODIZED

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Issue No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560

**ELEVATIONS**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	Sheet #
06.01.20	<b>A2.01</b>
Scale NTS	

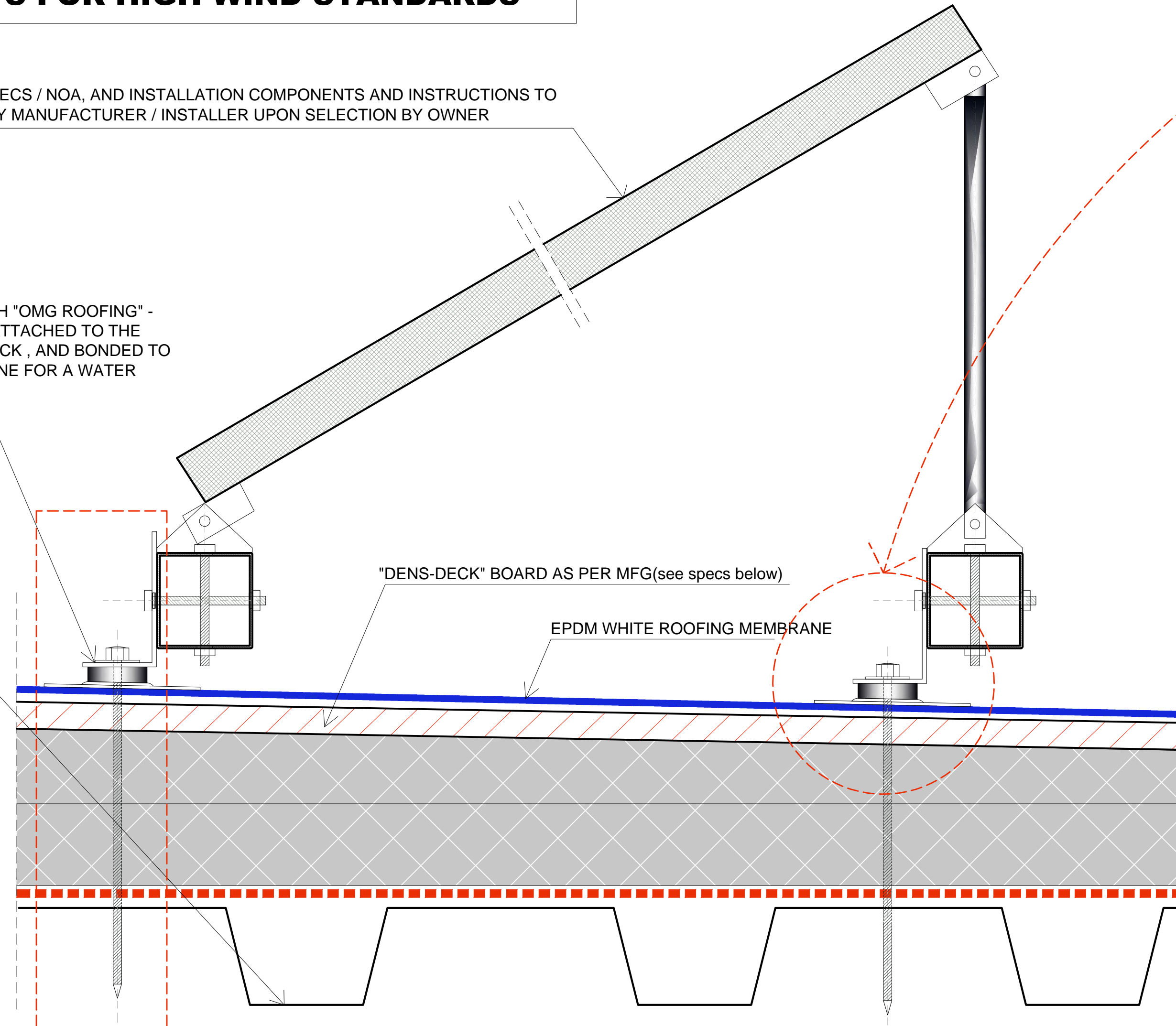


**SOLAR PANELS SHALL BE MOUNTED BY SOLAR PANELS SUPPLIER / INSTALLER IN STRICT REQUIREMENTS FOR HIGH WIND STANDARDS**

SOLAR COLLECTOR PANEL SPECS / NOA, AND INSTALLATION COMPONENTS AND INSTRUCTIONS TO BE SUBMITTED FOR PERMIT BY MANUFACTURER / INSTALLER UPON SELECTION BY OWNER

FLAT ROOF ATTACHMENT WITH "OMG ROOFING" - POWER GRIP UNIVERSAL 11, ATTACHED TO THE ROOF STRUCTURAL STEEL DECK, AND BONDED TO THE EPDM ROOFING MEMBRANE FOR A WATER TIGHT ROOFING MEMBRANE

EXISTING ROOF STRUCTURE



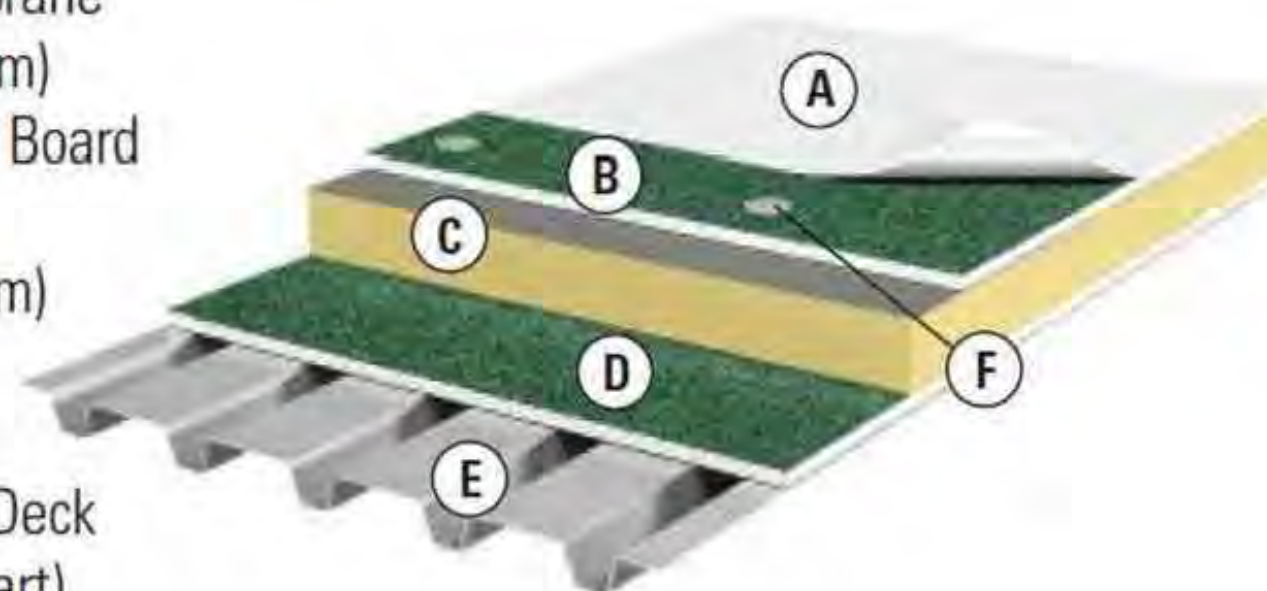
**TYPICAL SOLAR PANELS Roof Attachment**

**DensDECK PRIME for 180 PSF Wind Uplift**

**System Type and Description**

**Fully Adhered EPDM and Thermoplastic Membranes**

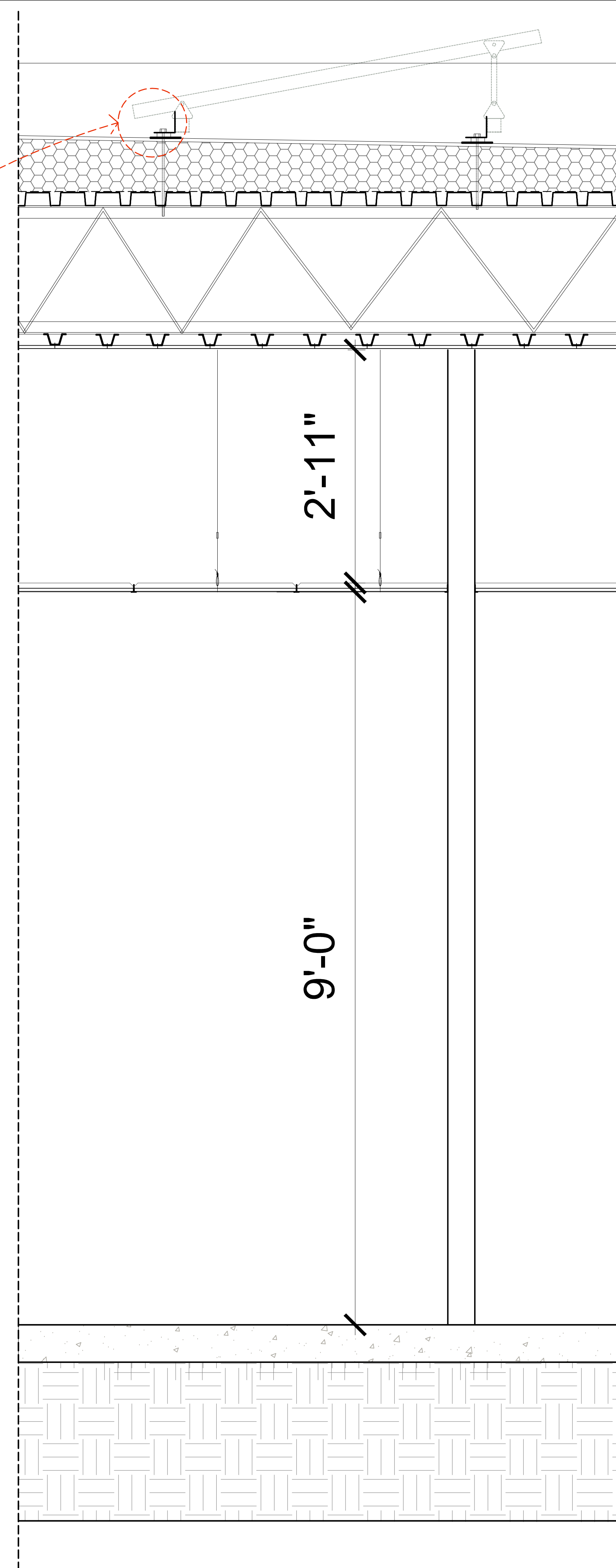
- A. Single ply Membrane
- B. Min. 1/4" (6.4 mm) DensDeck® Roof Board
- C. Insulation
- D. Min. 1/4" (6.4 mm) DensDeck Roof Board (optional)
- E. Classified Steel Deck
- F. Fastener (see chart)



Single ply and EPDM will include both reinforced and nonreinforced.

Wind-Uplift PSF	Product¹	# of fasteners (4' x 8' board)
FM 60	1/4" (6.4 mm) DensDeck®	12
FM 60/75/90	1/4" (6.4 mm) DensDeck Prime	12
FM 60	1/2" (12.7 mm) DensDeck	10
FM 60/75/90	1/2" (12.7 mm) DensDeck Prime	10
FM 60/75/90	5/8" (15.9 mm) DensDeck	8
FM 60/75/90	5/8" (15.9 mm) DensDeck Prime	8
FM 180*	5/8" (15.9 mm) DensDeck Prime	24
FM 285**	1/2" (12.7 mm) DensDeck Prime	32

¹ Carlisle Reinforced 45 mil TPO was used to achieve an FM 180 rating.  
 \*\* Carlisle FleeceBack® was used to achieve an FM 285 rating.



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Issue No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
 727 FORT STREET, KEY WEST, FL 33040



Sheet title  
**SOLAR PANELS Roof Attachment DETAILS and Specs**

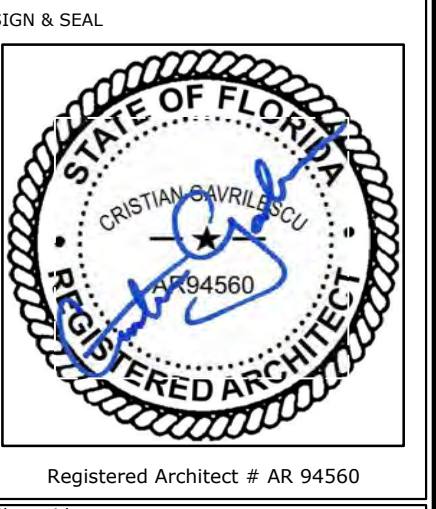
Drawn by N.P.  
 Checked by E.P.  
 Project Number 269.20  
 Issued for PERMIT  
 Issue date Sheet #

06.01.20  
 Scale NTS  
**A3.02**

Issue No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
727 FORT STREET, KEY WEST, FL 33040



Sheet title  
**ROOFING / PARAPET DETAILS**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	<b>A3.03</b>
Scale	NTS

TREATED WOOD NAILER SECURED TO TOP CHANNEL  
W/ 3/16"x3" S.STEEL SCREWS @ 16" O/C

ALUMINUM OR G-90 HOT DIP GALVANIZED  
STEEL CAP FLASHING SECURED TO NAILER  
W/ S.S. SCREWS & NEOPRENE WASHERS @ 8"  
O/C. COVER HEADS OF SCREWS W/ SEALANT.

Fully-Adhered water  
control membrane

Fully-Adhered roof membrane  
Perimeter of roof insulation wrapped  
in air control membrane to block  
air flow from roof to parapet

Substrate board "DensDeck Prime"  
set in full coverage of urethane  
foam adhesive

Rigid Insulation with joints  
staggered horizontally  
and vertically set in foam  
adhesive

Fully-Adhered roof  
membrane  
AIR control membrane  
"VapAir Seal 725TR"  
by CARLISLE  
Installed on the steel  
deck with "Flexible Fast  
Adhesive" as per Mfg.

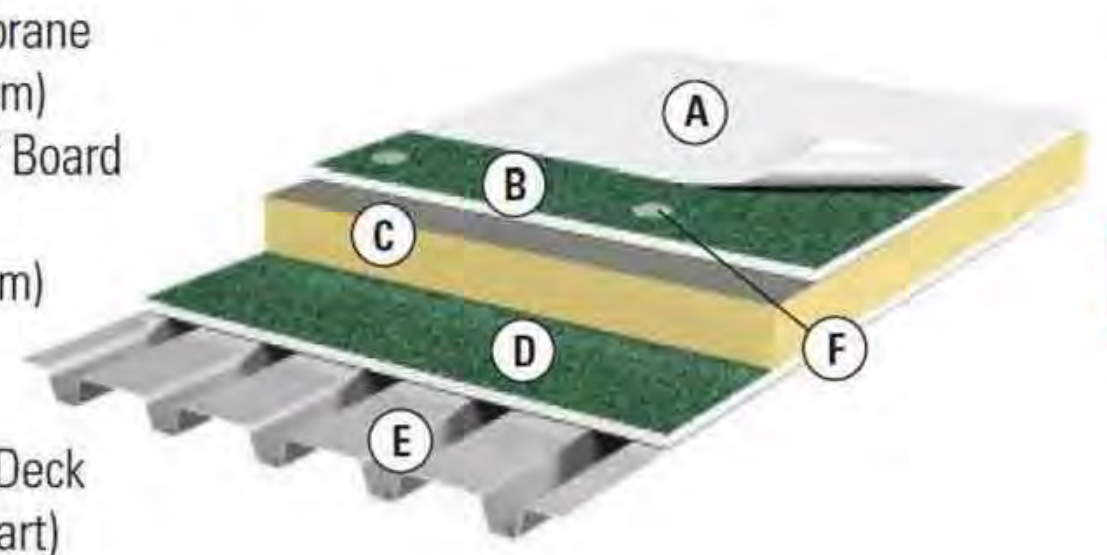
Top of  
Parapet

Min.Slope=1/4" per Foot

EXISTING C.M.U WALL

System Type and Description	Wind-Uplift PSF	Product <sup>1</sup>	# of fasteners (4' x 8' board)
<b>Fully Adhered EPDM and Thermoplastic Membranes</b>	FM 60	1/4" (6.4 mm) <b>DensDeck®</b>	12
	FM 60/75/90	1/4" (6.4 mm) <b>DensDeck Prime</b>	12
	FM 60	1/2" (12.7 mm) <b>DensDeck</b>	10
	FM 60/75/90	1/2" (12.7 mm) <b>DensDeck Prime</b>	10
	FM 60/75/90	5/8" (15.9 mm) <b>DensDeck</b>	8
	FM 60/75/90	5/8" (15.9 mm) <b>DensDeck Prime</b>	8
	FM 180* FM 285**	5/8" (15.9 mm) <b>DensDeck Prime</b>	24 32

*\* Carlisle Reinforced 45 mil TPO was used to achieve an FM 180 rating.  
\*\* Carlisle FleeceBack® was used to achieve an FM 285 rating.*

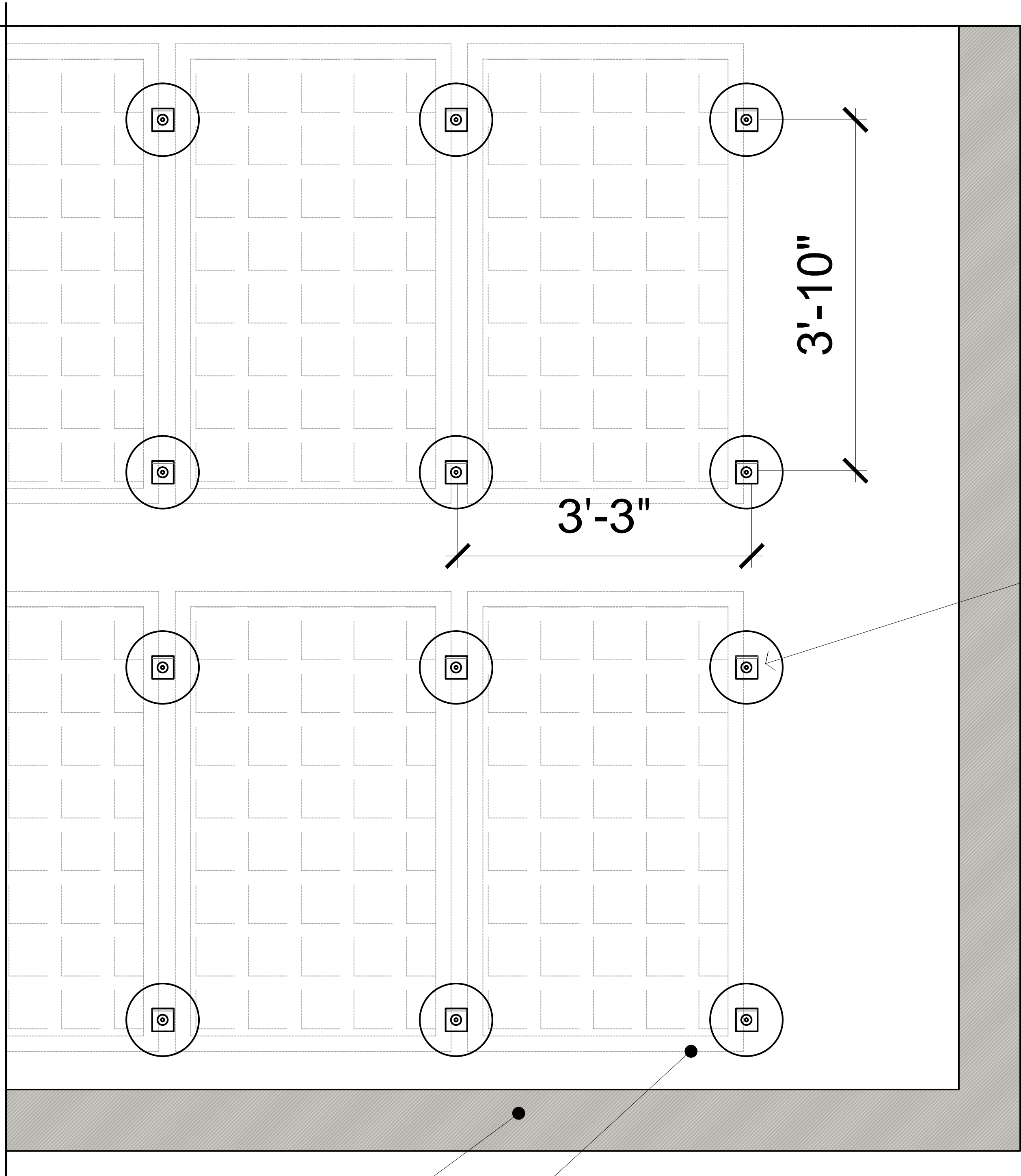


**"DensDECK PRIME" -  
5/8" ROOF BOARD**

**TYP. PARAPET SECTION**







ROOF PARAPET AS PER PLANS

FUTURE SOLAR PANELS AND SUPPORT SYSTEMS BY OTHERS

**NOTE:**

ROOF CONTRACTOR TO COORDINATE WITH "OMG" MFG. AND SOLAR ARRAY SUPPLIER / INSTALLER THE TYPE AND SPACING BETWEEN THE "POWER GRIP" SUPPORT DISKS AND INSTALLATION PROCEDURES AND INTERGATION WITH THE EPDM ROOF MEMBRANE



"OMG" SOLAR ATTACHMENT FOR FLAT ROOFS SYSTEM

**OMG PowerGrip**  
ROOF MOUNT SYSTEM

OMG PowerGrip UNIVERSAL

**ATTACH SOLAR RACKS AS SECURELY AND AS WATERTIGHT AS THE ROOFING SYSTEM!**

OMG PowerGrip, PowerGrip PLUS and PowerGrip Universal are roof mounting systems designed to secure ballasted and rail-based solar racks and other equipment virtually every type of commercial roofing system.

PowerGrip products provide a secure, water-tight connection directly to the roof deck or structural members, thereby taking the wind-load off the membrane or roof cover and placing it onto the structural deck where it belongs. Once secured in place, properly installed PowerGrip products can help eliminate rack movement and remain watertight.

**FEATURES & BENEFITS**

- Properly installed PowerGrips provide a secure anchor to the roof deck and remain watertight.
- Simple installation process saves time and labor.
- Compatible with most commercial roofing systems, regardless of material or installation method.
- Takes the wind load off of the membrane and places it onto the structural deck where it belongs.
- Helps protect roof covers from damage due to ballasted rack movement.
- Three configurations:
  - PowerGrip
  - PowerGrip Plus
  - PowerGrip Universal

PowerGrip secures solar racks to the building structure using proven watertight technology.

OMG PowerGrip PLUS

OMG PowerGrip

**PERFORMANCE**

PRODUCT	TEST	TEST METHOD (at general distances with)	RESULTS
PowerGrip Universal	Static Tensile Load	ASTM D688	2,300 lbf (1112.34 kg)
PowerGrip Universal	Static Shear Load	ASTM D688	2,300 lbf (1112.34 kg)
PowerGrip Universal	Compressive Load	ASTM D688	2,000 lbf (907.18 kg)
PowerGrip PLUS	Tensile Strength	ASTM E488-06	2,900 lbf (1315.33 kg)
PowerGrip PLUS	Shear Strength	ASTM E488-06	1,875 lbf (850.35 kg)
PowerGrip	Tensile Strength	ASTM E488-06	305 lbf (138.82 kg)
PowerGrip	Shear Strength	ASTM E488-06	305 lbf (138.82 kg)

**ORDERING INFORMATION**

NAME	SKU	PACKAGING	WEIGHT
PowerGrip Universal for use on non-PVC roofs	PPGRI-PVC 4850-000400	1 6	3.5 lbs / 1.6 kg 21 lbs / 9.5 kg
PowerGrip Universal for use on PVC roofs	PPGRI-PVC 4850-000405	1 6	2.5 lbs / 1.1 kg 15 lbs / 6.8 kg
PowerGrip PLUS	PPGRI-PLUS 4850-000400	1 6	16 lbs / 7.2 kg 96 lbs / 43.6 kg
PowerGrip	PPGRI-UNIV 4850-000400	1 20	10.5 lbs / 4.7 kg 210 lbs / 95 kg

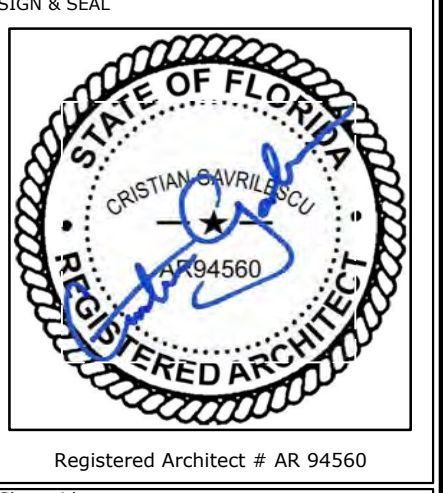
PowerGrip PLUS has three times the performance of regular PowerGrip!

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Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**  
727 FORT STREET, KEY WEST, FL 33040



Sheet title  
**SUPPORTS FOR SOLAR GRID SPECIFICATIONS**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
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06.01.20	<b>A3.05</b>
Scale NTS	



Limit the size of the deflection joint to no more than 1 inch in width. If larger sizes of deflection joint occur, please contact manufacturer for additional detail information.

Apply PorousPrep over raw edge of sheathing board.

Install non-gassing polyethylene foam backer rod into joint opening in preparation to receive Joint & Seam Filler.

Apply Joint & Seam Filler into opening, over-filling the joint to provide enough material to tool excess on both sides of the joint, about 1 inch on either side.

After Joint & Seam Filler has skinned over, apply a 4-inch-wide application of FastFlash banding over the Joint & Seam Filler in a bridge-joint configuration.

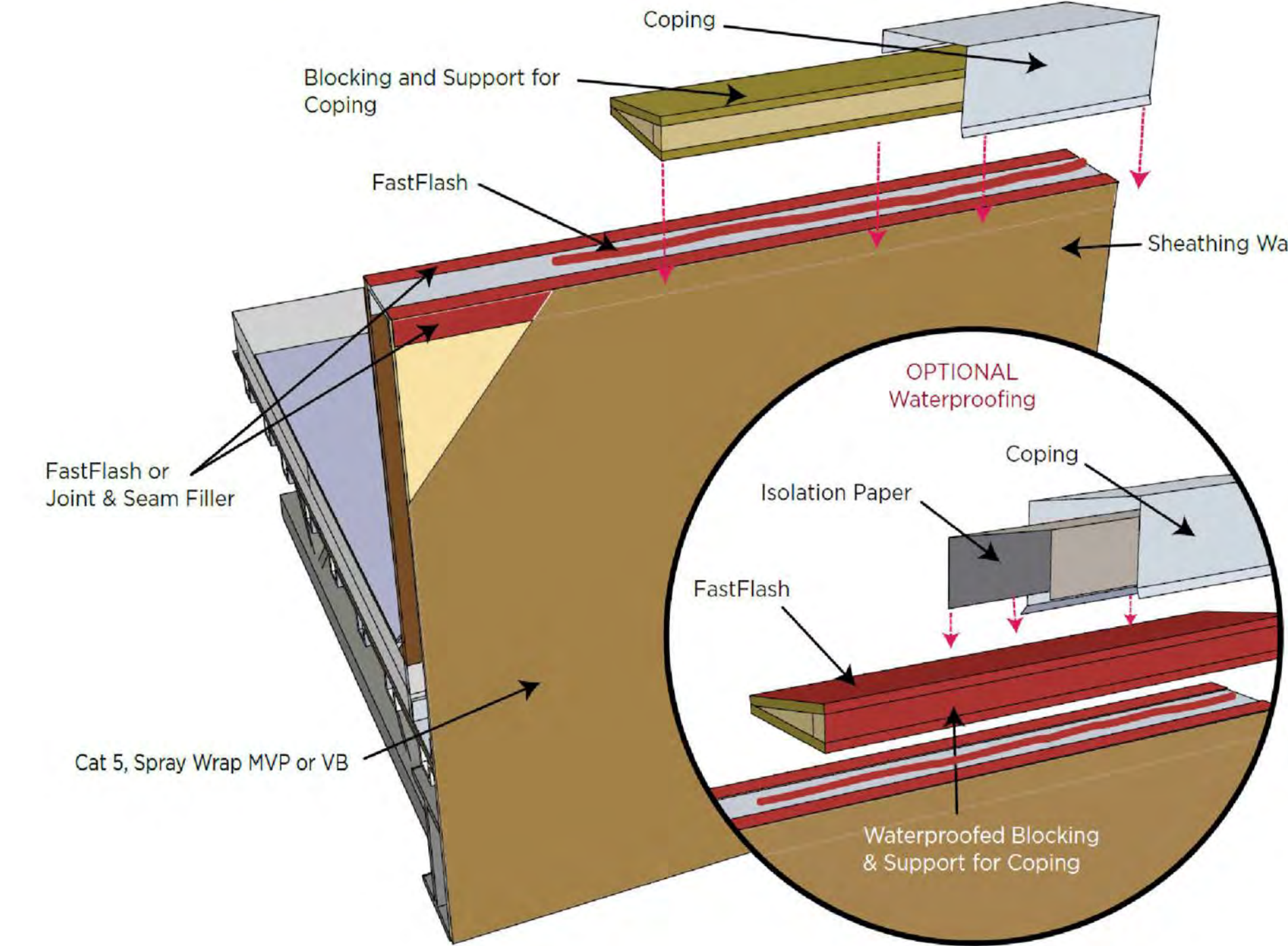
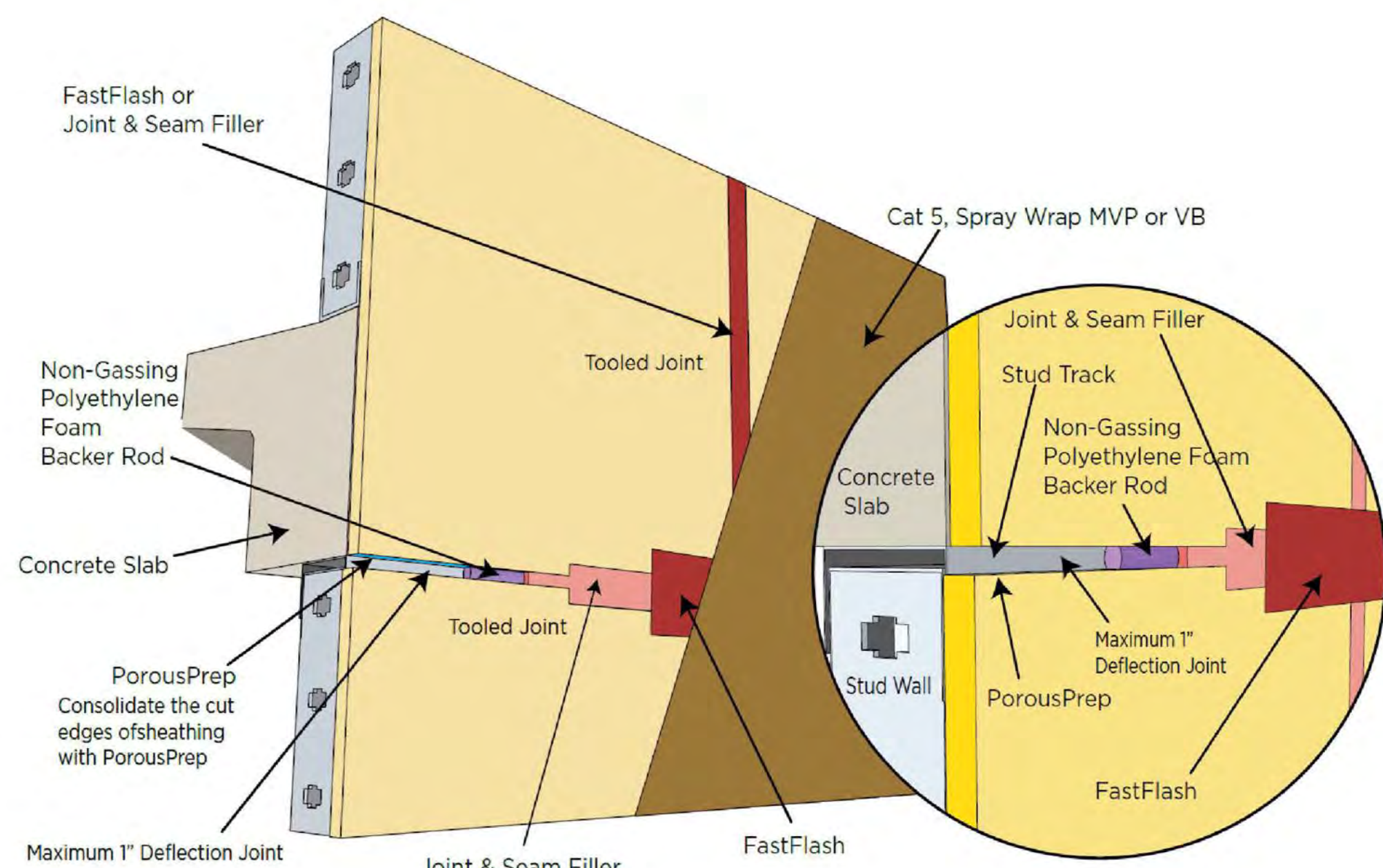
After FastFlash has skinned over, apply Cat 5 or another water- and air-resistive barrier over entire joint.

Consolidate and seal any raw, cut gypsum board edges by brushing or spraying on a thin uniform coat of PorousPrep.

Along the top edge of the non-vented parapet, apply a bead of FastFlash or Joint & Seam Filler to the seams between the back of the sheathing and the structural member, and 1 inch over the vertical face on both sides of the parapet. Spread the wet product to create a seamless transition. Allow to skin over.

Apply a thick bead of FastFlash or Joint & Seam Filler down the center of the structural member. Wet-set the wood blocking. Mechanically fasten the wood blocking. Spot the head of all fasteners that penetrate the wood blocking. Allow to skin over.

Apply a thick bead of FastFlash or Joint & Seam Filler to the joint between the wood blocking and the top of the wall. Use a dry trowel or spatula to tool and seal the joint. Create a profile that directs bulk water away from the joint. Allow to skin over.



**Product Data Sheet**  
**R-Guard Spray Wrap MVP**

TYPICAL TECHNICAL DATA	
FORM	batter like, semi-gel liquid pink color
SPECIFIC GRAVITY	1.40
pH	8.5 - 9.5
WT/GAL	11.09 lbs
ACTIVE CONTENT	no data
TOTAL SOLIDS	63-65%
VOC CONTENT	<18 g/L
FLASH POINT	not applicable
FREEZE POINT	32° F (0° C)
SHELF LIFE	2 years in tightly sealed, unopened container

**PREPARATION**

Protect people, vehicles, property, plants and all other surfaces not intended for application. To ensure best results, apply to clean surfaces free of contaminants. Chemical residues, surface oxidation, surface coatings or films may adversely affect adhesion. Pressure-treated wood and other contaminated surfaces should be cleaned with an Isopropyl Alcohol wipe and allowed to flash-off before application of R-Guard products. Painted surfaces are not acceptable for application.

Roofing systems must be capped and sealed or top of walls protected from water intrusion both before and after air barrier system installation. Water intrusion may interfere with bonding of air barrier waterproofing materials and/or detrimentally impact the performance of such materials.

If considering use on insulated concrete forms, the preferred method for cleaning oxidation is with water and low-pressure cleaning.

**Concrete Surfaces:** Concrete must be in place 3-7 days and free of any curing compounds or form release agents before permeable R-Guard products are applied.

**Brick/Masonry Surfaces:** Mortar joints in CMU construction must have a minimum 3 day cure before being treated with R-Guard products. If joints are not struck flush, multiple coats may be required.

**Sheathing:** Remove and replace damaged sheathing. Surfaces to be coated must be continuous. On exterior sheathing, treat cracks with R-Guard Joint & Seam Filler and/or R-Guard FastFlash, as needed. Sheathing gaps must be less than 1/4 inch. For gaps larger than 1/4 inch, apply FastFlash with backer rod, or Joint & Seam Filler. Gap wood-based sheathing per manufacturer's recommendations.



typically 1/8 inch minimum. Consult a structural engineer for all moving cracks, and repair as needed.

**Fill, Bridge & Flash**

1. Fill surface defects and over driven fasteners with Joint & Seam Filler and/or FastFlash.
2. Seal cut edges of gypsum board sheathing in rough openings and where appropriate, with fast-drying R-Guard PorousPrep. Gun and spread Joint & Seam Filler and/or FastFlash into all inside corners, cracks, open joints and seams, as needed.
3. Use FastFlash to coat the improved rough opening and out onto the exterior wall assembly face 4-6 inches (100-152 mm), creating a continuous waterproof membrane free of voids or pinholes.
4. Let all joint and seam fillers and rough opening treatments skin over before application. See individual product data sheets and R-Guard Installation Guidelines for more information.

**Surface and Air Temperature**

Surface and ambient temperatures should be 45-100° F (-5° C to 38° C). Air and substrate temps must be at least 25° F (-3° C) and rising, and remain so for a minimum of 24 hours. Do not apply at temperatures below 25° F (-3° C). Wind and high temperatures will accelerate drying.

**Hot Weather Conditions/Precautions:** If air or surface temperatures exceed 95° F (35° C), apply to shaded surfaces and before daytime air and surface temperatures reach their peak. Hot surfaces may be cooled with a mist of fresh water. Surfaces may be damp but must be free of standing water before application. Keep containers closed and out of direct sunlight when not in use. Cover open pails with a wet towel as needed to prevent skinning.

**Cold Weather Conditions/Precautions:** Product may be applied to frost-free substrates at surface and air temperatures of 25° F (-3° C). Keeping material stored in a heated environment prior to use will help in these conditions.

**Equipment:** Mix Spray Wrap MVP with a low-speed drill and clean mixing paddle. When roller applying, a maximum 3/4 inch (19 mm) nap roller is recommended. R-Guard Spray Wrap MVP is compatible with GRACO and Titan airless spray equipment with the following specifications:

- Minimum 1.5-2 gallons output Immersion Feed
- Minimum hose diameter of 3/8-inch. NOTE: A 1/2-inch x 3-foot whip hose may be used for ergonomic purposes. Run 3/8-inch ID hose all the way to the 3-foot whip hose.

Product Data Sheet • Page 2 of 4 • Item #70515 - 070119 • ©2019 PROSOCO, Inc. • www.prosoco.com

**Product Data Sheet**  
**R-Guard FastFlash**

TYPICAL TECHNICAL DATA	
FORM	viscous paste, mild odor red color
SPECIFIC GRAVITY	1.40 - 1.55
pH	not applicable
WT/GAL	11.75 - 12.5 lbs
TOTAL SOLIDS	99%
VOC CONTENT	30 g/L maximum
FLASH POINT	>200° F (>93° C)
FREEZE POINT	not applicable
SHELF LIFE	1 year in tightly sealed, unopened container

**Cured Properties**

Hardness, Shore A	35-45
Tensile Strength	>150 psi
Elongation at Break*	>350% ASTM D 412
Water Vapor Transmission	21 perms ASTM E 96
Corrosive Properties	Non-corrosive

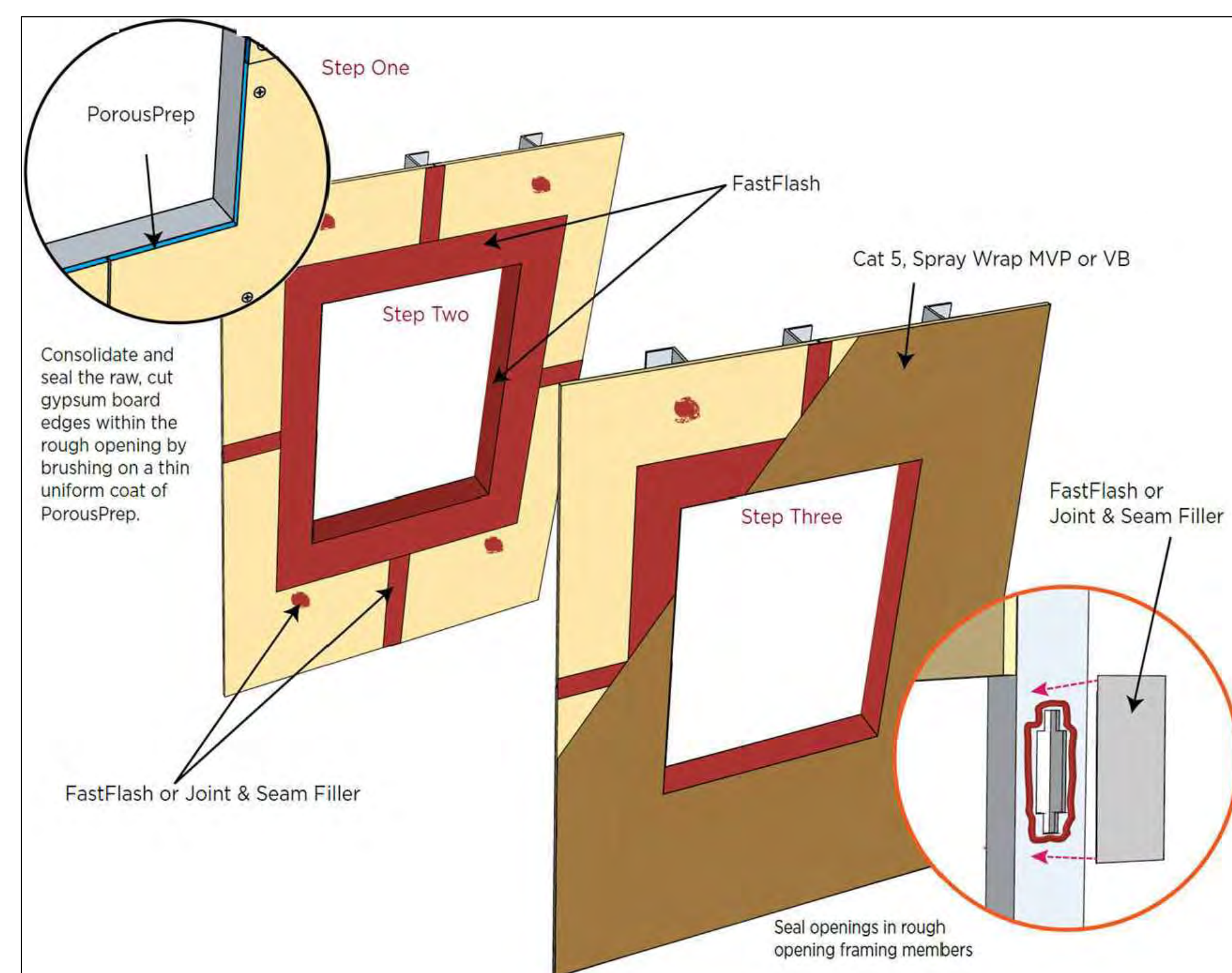
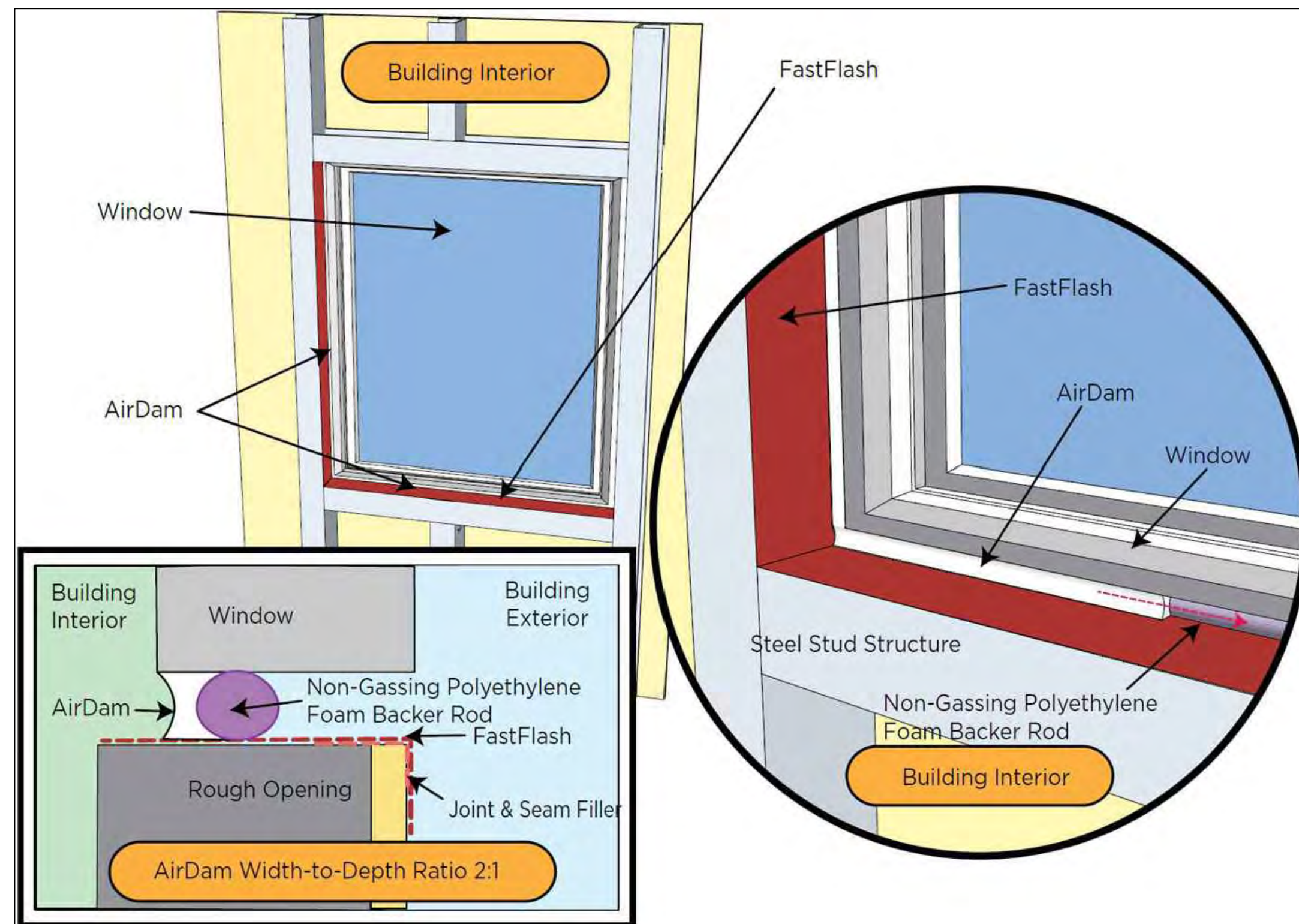
\*Elongation per ASTM D 412 is not a requirement of the Air Barrier Association of America (ABAA) Acceptance Criteria for Liquid Applied Membranes nor is it a requirement of the International Code Council Evaluation Service Acceptance Criteria for Water-Resistive Coatings used as Water-Resistive Barriers over exterior Sheathing (ICC-ES AC212). Elongation is not a requirement of the AAMA 714 Specification for Liquid Applied Flashing used to Create a Water-Resistive Seal Around Exterior Wall Openings. There is no data to support that certain levels of elongation must be achieved to perform as a fluid applied WBE or as a fluid applied flashing. Specifications should be based upon performance test results like those required from the referenced organizations. Refer to the R-Guard FastFlash Product Test Results document for a complete list of performance test results.

**PREPARATION**

To ensure best results, apply to clean surfaces free of contaminants. Chemical residues, surface oxidation, surface coatings or films may adversely affect adhesion. Pressure-treated wood and other contaminated surfaces should be cleaned with an Isopropyl Alcohol wipe and allowed to flash-off before application of R-Guard products.

Product Data Sheet • Page 2 of 5 • Item #70400-70405 - 070119 • ©2019 PROSOCO, Inc. • www.prosoco.com

**TYP. DETAILS FOR WATERPROOFING WITH "PROSOCO" R-GUARD / FastFlash Liquid Membrane**



**FastFlash**

Concrete must be in place 3-7 days and free of any curing compounds or form release agents before permeable R-Guard products are applied. Mortar joints in CMU construction must have a minimum 3 day cure before being treated with R-Guard products.

If considering use on insulated concrete forms, the preferred method for cleaning is with water and low-pressure cleaning.

Remove and replace damaged sheathing. In rough openings, and where appropriate, prepare all raw gypsum board edges with R-Guard PorousPrep. Apply to raw gypsum board edges in a thin, uniform coat according to published application instructions. Do not over-apply. Allow to dry tack-free before application of R-Guard FastFlash or other products.

Any gaps or joints greater than 1 inch should be structurally repaired or resoled for R-Guard SureSpan EX transition extrusion. Ensure positive drainage at all rough openings. Roofing systems must be capped and sealed or top of walls protected from water intrusion both before and after air barrier system installation. Water intrusion may interfere with bonding of air barrier waterproofing materials and/or detrimentally impact the performance of such materials.

**Surface & Air Temperature**

Surface and ambient temperatures between 32° F (0° C) and 110° F (43° C) are required for proper curing and drying of material to take place.

**Hot Weather Conditions/Precautions:** When air or surface temperatures exceed 95° F (35° C), apply product to the shady side of structure before daytime air and surface temperatures reach their peak. Hot surfaces may be cooled with a mist of fresh water. Keep containers closed and out of direct sunlight when not in use. Do not apply when substrate temperature exceeds 110° F (43° C).

**Cold Weather Conditions/Precautions:** Product may be applied to frost-free substrates at temperatures below 32° F (0° C). Product will not begin to cure until temperatures reach 32° F (0° C) and remain above freezing. Keeping material stored in a heated environment prior to use and misting applied material with warm, fresh water will help in these conditions.

**Low Humidity Conditions/Precautions:** The process of curing may take longer when lower humidity levels occur. A light misting of fresh water over the treated surface will accelerate curing if necessary.

**ARCHITECTURA GROUP MIAMI**

ARCHITECTURE  
INTERIOR DESIGN  
PLANNING  
AA26001895  
ID 0003873  
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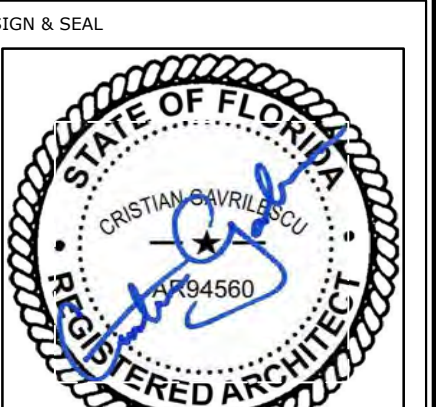
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No.	Date	Description

Client  
**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name  
**CHI KEY WEST Medical Center RENOVATION**

727 FORT STREET, KEY WEST, FL 33040



Registered Architect # AR 94560

**WINDOWS AND DOORS OPENINGS WATERPROOFING DETAILS**

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
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Scale  
NTS  
**A4.01**

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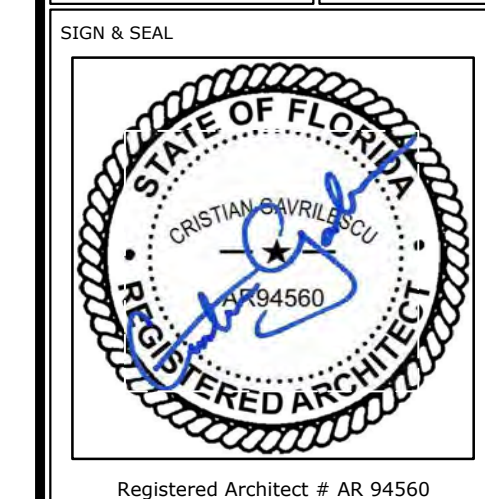
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**CHI - COMMUNITY HEALTH of SOUTH FLORIDA**

Project Name

**CHI KEY WEST Medical Center RENOVATION**

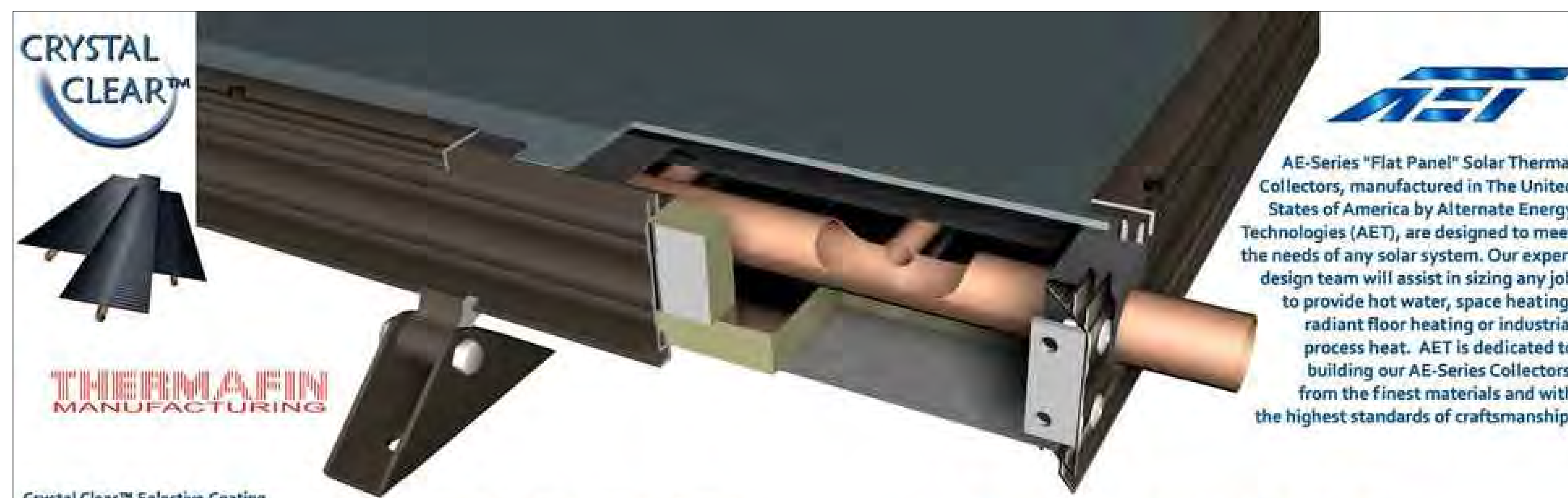
727 FORT STREET, KEY WEST, FL 33040



Sheet title

**SOLAR WATER HEATER SPECIFICATIONS**

Drawn by	N.P.
Checked by	E.P.
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Scale	
NTS	



**AE-Series "Flat Panel" Solar Thermal Collectors**, manufactured in The United States of America by Alternate Energy Technologies (AET), are designed to meet the needs of any solar system. Our expert design team will assist in sizing any job to provide hot water, space heating, radiant floor heating or industrial process heat. AET is dedicated to building our AE-Series Collectors from the finest materials and with the highest standards of craftsmanship.

**Crystal Clear™ Selective Coating**

The Crystal Clear™ Solar-Selective coating is technically a Quartz Encapsulated Bimetallic Alloy. Thousands of nanocrystalline growth projections dramatically increase the surface area of the absorber plate for maximum solar radiation absorption and performance. Crystal Clear™ has been tested for over 14,500 hours at 617°F continuously with minimal visible or physical degradation of its thermal characteristics. Furthermore, Crystal Clear™ enhances the thermal performance of the absorbers by an additional 3%. The finished coating hosts an Absorptivity of > 0.96 & Emissivity of < 0.08.

**THERMAFIN™ Absorbers**

AET introduced THERMAFIN™ absorbers into the AE-Series collectors in 1996. Through extensive research and development, we have employed the best heat transfer method in the world today. THERMAFIN's high-frequency, forge weld process molecularly bonds the fin to the tube providing long-lasting performance and durability while allowing the highest heat conduction. The high-frequency welded joints will not weaken, expand, or pull apart and are backed by a written 30 year guarantee.

**Electrostatically Painted C-Channel Construction**  
Our AE-Series Collector frames are fabricated in our state-of-the-art manufacturing plant located in Jacksonville, Florida. Crafted using aluminum extrusions with electrostatically applied bronze polyester paint and securely fastened with aircraft grade pin grip rivets, AE-Series Collectors are built to withstand the most demanding environments.

Collector	AE-21	AE-24	AE-26	AE-28	AE-32	AE-40
Length (in)	85.187	97.187	77.187	85.187	97.187	121.187
Width (in)	35.187	35.187	47.187	47.187	47.187	47.187
Height (in)	3.137	3.137	3.137	3.137	3.137	3.137
Gross Area (ft <sup>2</sup> )	20.8	23.7	25.3	27.9	31.8	39.7
Fluid Capacity (gals)	0.70	0.76	0.90	0.96	1.05	1.22
Dry Weight (lbs)	74	84	90	99	113	153

**All AE-Series Collectors Feature:**

- Wind load tested to allowable loads of 51 PSF
- 30+ year design life
- Crystal Clear™ selective coatings
- 10 year warranty
- Extruded aluminum frame and battens
- Proudly made in the U.S.A.
- Thermax™ polyisocyanurate foam insulation
- THERMAFIN™ absorber plates
- Aircraft aluminum pin grip rivets
- Quick-lock mounting hardware



AE-Series Solar Collectors • Manufactured by Alternate Energy Technologies (AET), LLC

**AE-Series Collectors**

with exclusive - selective "Crystal Clear" inside

**Glazing:**

Low-Iron tempered glass, exclusively using our "High-T" tempered glass, with a total solar energy transmission of 90%.

**Collector Frame and Battens:**

Type 6063-T6 extruded aluminum frame and battens with electrostatic bronze plate finish that facilitates long life and strength.

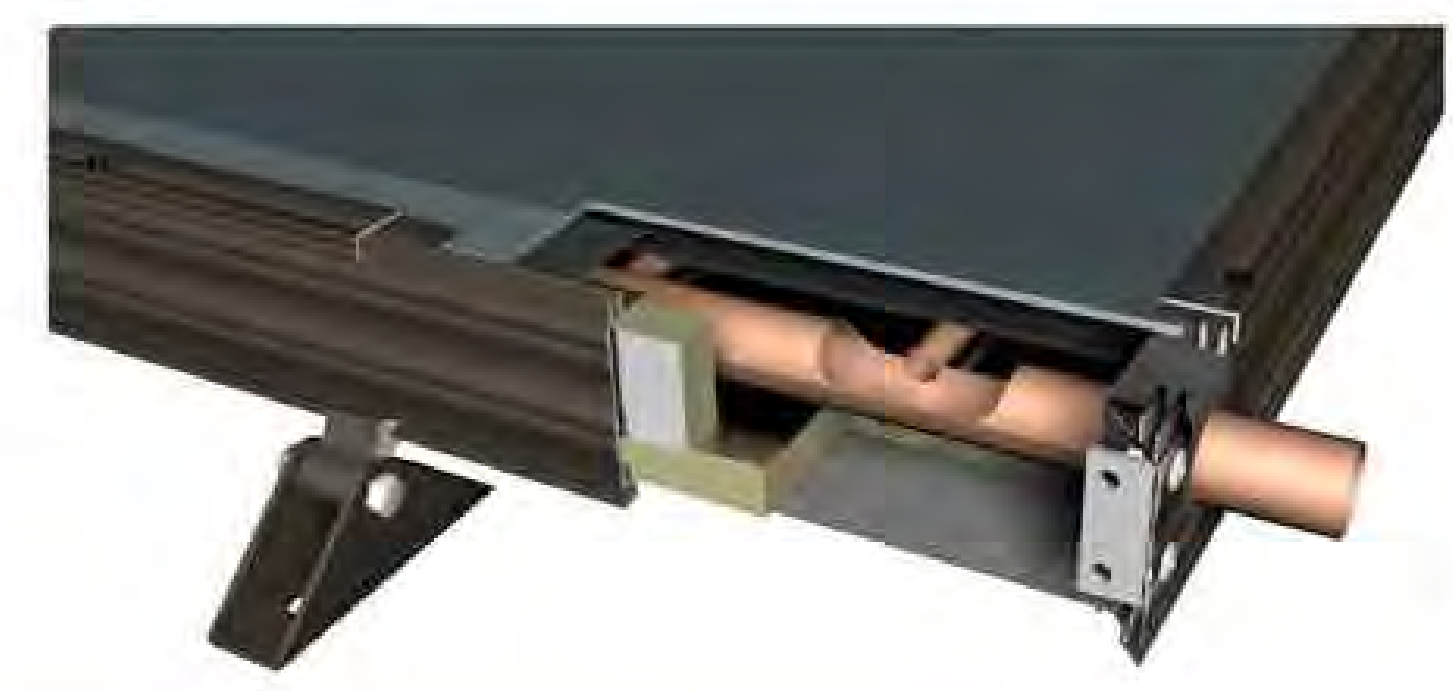
**Insulation:**

Polyisocyanurate foam board insulation. Foil-faced, glass fiber-reinforced, rigid board Thermax sheathing (1-1/4" in the bed / 3/4" in the sidewalls).

**Mounting Hardware:**

The variable "Quick Lock" mounting hardware reduces mounting time and makes it simple for anyone to install. The Quick Lock System allows the highest flexibility in mounting and is tested to allowable loads of 51 PSF. Mounting possibilities include: Pitched roof, Flat roof, Ground, Balcony, and Facade mounting.

**Design Life:** 30 Years  
**Warranty:** 10 Years  
**Working Pressure:** 165 PSI  
**Flow Rate:** 0.5 to 1.8 GPM (recommended)



	AE-21	AE-24	AE-26	AE-28	AE-32	AE-40
Collector	AE-21	AE-24	AE-26	AE-28	AE-32	AE-40
Length (in)	85.187	97.187	77.187	85.187	97.187	121.187
Width (in)	35.187	35.187	47.187	47.187	47.187	47.187
Height (in)	3.137	3.137	3.137	3.137	3.137	3.137
Gross Area (ft <sup>2</sup> )	20.8	23.7	25.3	27.9	31.8	39.7
Fluid Capacity (gals)	0.70	0.76	0.90	0.96	1.05	1.22
Dry Weight (lbs)	74	84	90	99	113	153

**Absorber Plate:**  
Manufactured by Thermafin™ Mfg., a 100% copper absorber plate, the fin and the riser tube are molecularly bonded by high-frequency forge welding.

**Absorber Coating:**  
Exclusively by Thermafin™ Mfg., a Selective "Crystal Clear" Coating.  
 $\alpha = 0.96$   $\epsilon = 0.08$

**Gasket Grommets:**  
A UV durable EPDM, U-channel gasket with molded corners which prohibits water penetration and assures long life. Extruded Silicone Grommet with 1-1/8" Bore.

**Corner Bracket:**  
Architectural aluminum angles inside with aircraft-grade pin grip rivets to ensure high stability.

**Fasteners:**  
5056 Aluminum rivets secure the backsheet. Batten screws are 18-8 SS, 10-24 x 3/8", hex head screws, and black oxide coated.

**Backsheet:**  
Type 3105-H14, 0.019" stucco embossed aluminum sheet (bronze) pop-riveted to aluminum frame.

**NOTE:**  
SOLAR PANEL SHALL BE MOUNTED IN STRICT REQUIREMENTS OF AET SOLAR MSC SERIES HIGH WIND STANDARDS

**CODE APPROVALS**  
AE-Series Collectors have been designed and constructed to meet major applicable nationwide codes, including the following:

Solar Rating and Certification Corporation SRCC Standard 100 - Test Methods and Minimum Standards for Certifying Solar Collectors (ASHRAE Std 93-1986)

Florida Solar Energy Center - Test Methods and Minimum Standards for Solar Collectors (ASHRAE Std 93-1986)

Miami Testing Laboratory Wind Load Test (ASTM E 3300) Certification No. 94-1028.01

International Association of Plumbing Mechanical Official (IAPMO) Uniform Solar Energy Code (USEC) File No. S-5038

**International Testing**

Bodycote Materials Testing Canada Inc. Report No. 02-08-0513

TÜV Bayern Sachen e.V. (DIN 4757) Report No. 28600399

Bundesforschungs - und Prüfzentrum Arsenal ONORM M 7714 - Order No. M 4 D15

**AE-Series Collectors Mounting Hardware Options**

**AET's exclusive "Quick Lock" mounting systems** allow for virtually any collector orientation and mounting. Collectors can be mounted to any roof, vertical wall, fascia boards, pre-constructed racks or ground mount systems. The framewall and mount have been certified to withstand allowable loads of 51 PSF. The framewall will accept the mounts anywhere around the collector without drilling or tapping, so the integrity of the framewall is not violated. The rear struts can be cut to any length allowing proper elevation and orientation.