727 Fort Street

Band Room and School Workshop of Douglass School Campus

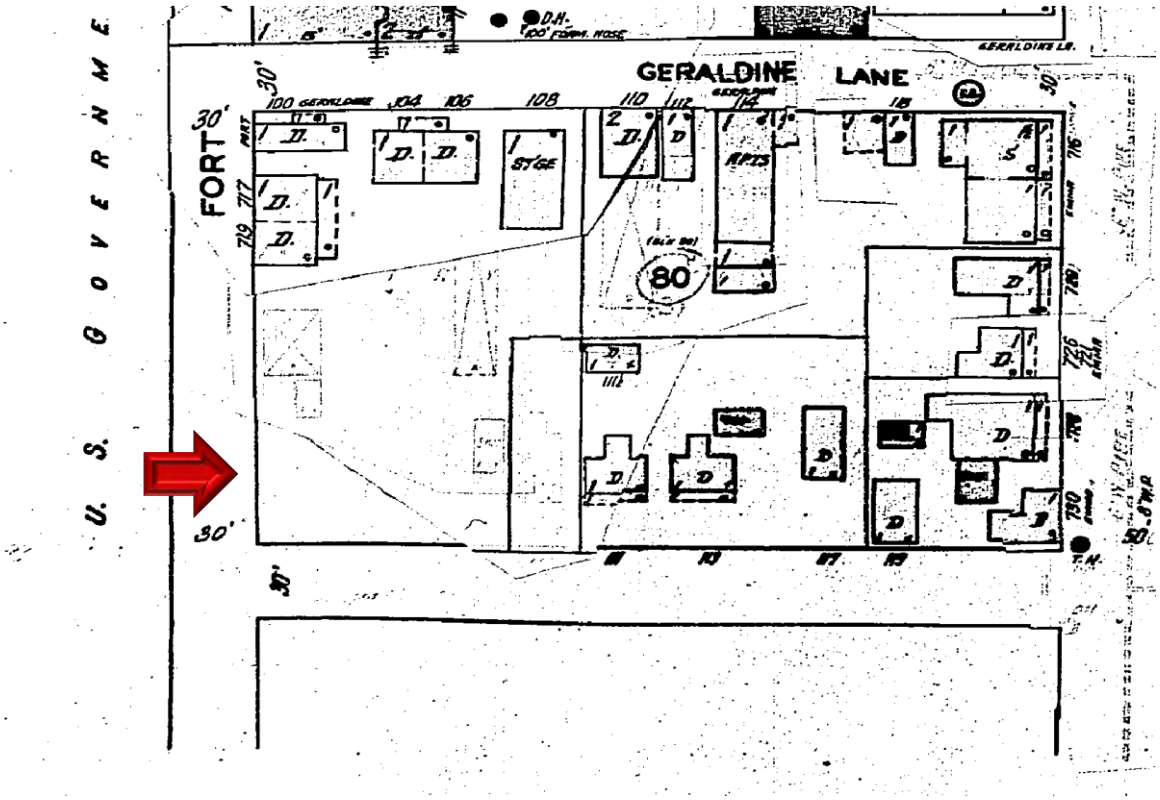
Key West Historic District Period of Significance:

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

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

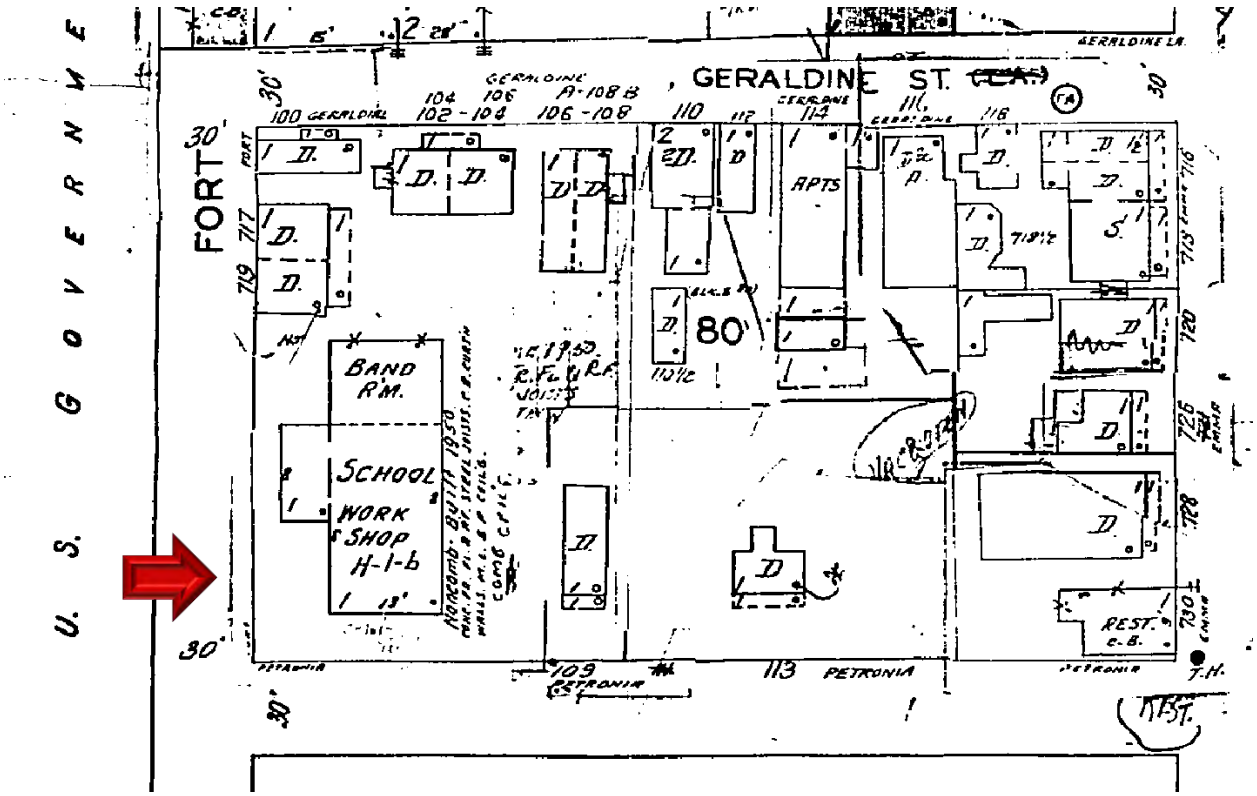
Band Room Building:

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 ineligible, 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;

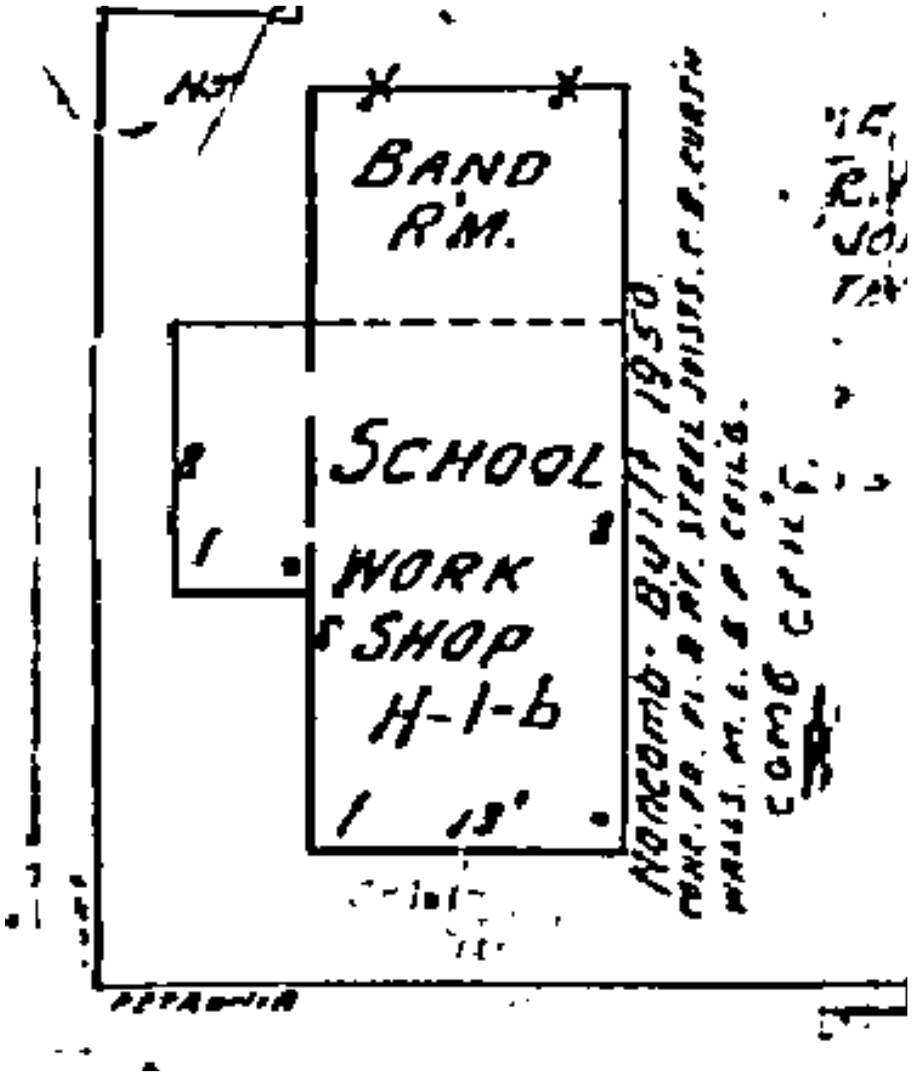
Framing – H= Unprotected Steel Joists, Columns, Beams, Trusses, Arches.

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.

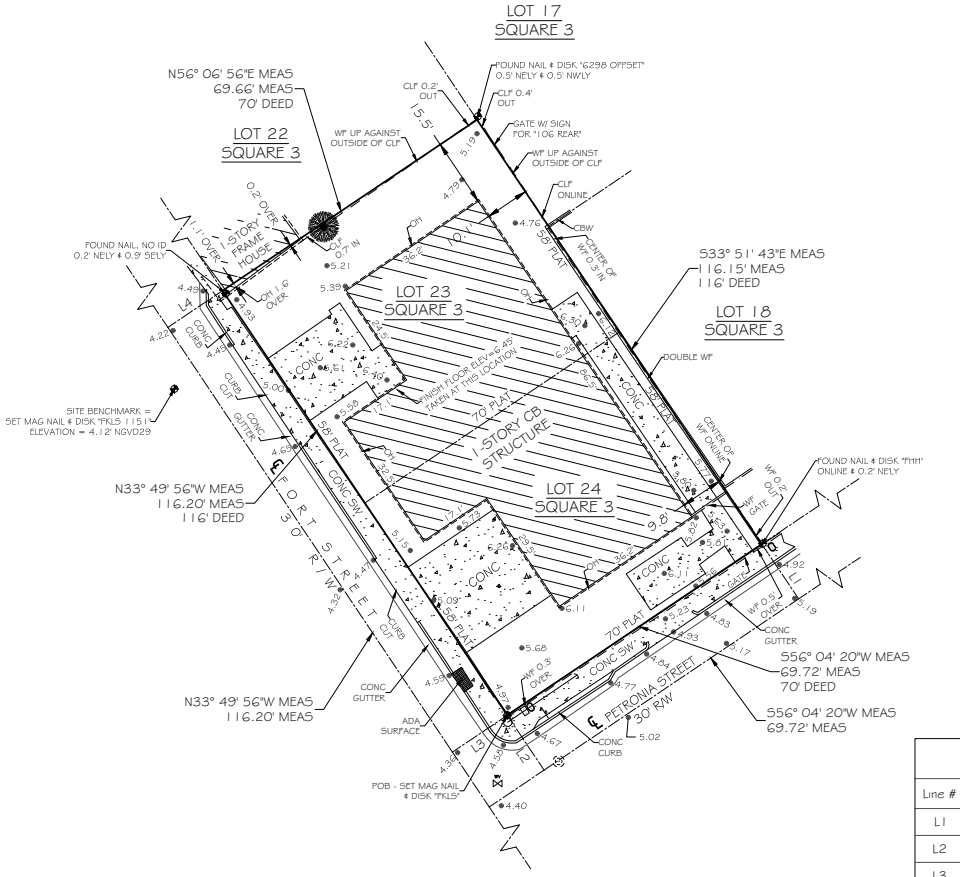
Staff approved with conditions the project as the design does not propose any alterations to the building form; its design includes new openings with new windows facing Fort Street, its principal façade. It also includes a canopy that relates to the eyebrow eaves that were removed at some point from 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.



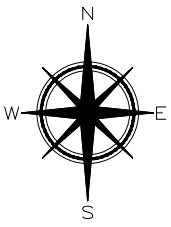
Current Front Street Façade.

MAP OF BOUNDARY SURVEY





LOCATION MAP - NTS
SEC. 06-T68S-R25E



GRID NORTH

Parcel Line Table		
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 BASIC" (P.I.D. AA0008), 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 Petronia 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 Petronia Street; thence in a southwesterly direction 70 feet to Fort Street to the point of beginning.

CERTIFIED TO -

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

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 = BLOW OUT
C & G = 2' CONCRETE CURB & GUTTER
CB = CONCRETE BLOCK
CBW = CONCRETE BLOCK WALL
CL = CENTERLINE
CLF = CHAINLINK FENCE
CM = CONCRETE MONUMENT
CONC = CONCRETE
CPP = CONCRETE POWER POLE
CVRD = COVERED
DELTA = CENTRAL ANGLE
DEASE = DRAINAGE EASEMENT
EL = ELEVATION
ENCL = ENCLOSURE
EP = EDGE OF PAVEMENT
FF = FINISHED FLOOR ELEVATION
FH = FIRE HYDRANT
FI = FENCE INSIDE
FND = FOUND
FO = FENCE OUTSIDE
FOL = FENCE ON LINE
GUY = GUY WIRE
HB = HOSE BIB
IP = IRON PIPE
IR = IRON ROD
L = ARC LENGTH
LS = LANDSCAPING
MB = MAILBOX
MEAS = MEASURED
MF = METAL FENCE
MHWL = MEAN HIGH WATER LINE
NGVD = NATIONAL GEODETIC VERTICAL DATUM (1929)
NTS = NOT TO SCALE
OH = ROOF OVERHANG
OHW = OVERHEAD WIRES
PC = POINT OF CURVE
PK = PARKING METER
PCC = POINT OF COMPOUND CURVE
PCP = PERMANENT CONTROL POINT
PK = PARKER KALON NAIL
POB = POINT OF BEGINNING
PI = POINT OF INTERSECTION
POC = POINT OF COMMENCEMENT
PRC = POINT OF REVERSE CURVE
PRM = PERMANENT REFERENCE MONUMENT
PT = POINT OF TANGENT
R = RADIUS
R/W = RIGHT OF WAY LINE
SSCO = SANITARY SEWER CLEAN-OUT
SW = SIDE WALK
TBM = TEMPORARY BENCHMARK.
TOB = TOP OF BANK
TOS = TOE OF SLOPE
TS = TRAFFIC SIGN
TYP = TYPICAL
UR = UNREADABLE
UE = UTILITY EASEMENT
WD = WOOD DECK
WF = WOOD FENCE
WL = WOOD LANDING
WM = WATER METER
WPP = WOOD POWER POLE
WRACK LINE = LINE OF DEBRIS ON SHORE
WV = WATER VALVE

1"=20'
0 10 20 40

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 OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY. THE BOLD LINE SHOWN HEREON REPRESENTS THE SURVEYORS 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:	EAI
CKW PO: 081854	

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 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES AND COMPLIES WITH CHAPTER 177, FLORIDA STATUTES.

SIGNED

ERIC A. ISAACS, PSM #6783, PROFESSIONAL SURVEYOR AND MAPPER, LB# 7847

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

FLORIDA KEYS
LAND SURVEYING
19960 OVERSEAS HIGHWAY
SUGARLOAF KEY, FL 33042
PHONE: (305) 394-3690
FAX: (305) 509-7373
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 DIRECTION116 FT; THEN AT RIGHT ANGLES INA 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
A0.01 - GENERAL NOTES
S1 - SURVEY
C1 - CIVIL PLAN
C2 - CIVIL DETAILS
C3 - CIVIL NOTES
A1.01 - SITE PLAN
A1.02 - DEMO PLAN
A1.03 - PROPOSED PLANS
A1.04 - LIGHTING PLAN
A1.05 - LIFE SAFETY PLAN
A1.06 - FLOORING PLAN
A1.07 - REST ROOM PLANS AND ELEV.
A1.08 - TYP ADA DETAILS
A1.09 - ROOM FINISH SCHED.
A1.10 - DOOR & WINDOW SCHED
A2.01 - ELEVATIONS
A3.01 - BUILDING SECTIONS
A3.02 - SOLAR PANEL SECTION DETAILS
A3.03 - PARAPET SECTION DETAILS
A3.04 - ROOF CURB SECTION DETAILS
A3.05 - SOLAR CONNECTION DETAILS
A3.06 - INTERIOR ARCH DETAILS
A4.01 - WATER PROOFING DETAILS
A4.02 - SOLAR WATER HEATER MSDS
S-0 - STRUC NOTES SCHDLS
S-1 - FOUNDATION PLAN
S-2 - ROOF PLAN
S-3 - INTERIOR COLUMN DETAILS
S-4 - CMU WALL FILL DETAILS
E1.00 - INDEX SYMB NOTES
E1.01 - POWER PLAN
E1.02 - LIGHTING PLAN
E1.03 - ROOF ELECTRICAL PLAN
E1.04 - PANEL SCHED RISER DIAGRAM
M1.00 - INDEX SYMB NOTES
M1.01 - MECHANICAL PLAN
M1.02 - ROOF MECH PLAN
M2.00 - DETAILS AND CONTROLS
M2.01 - MECH SCHED
P1.00 - INDEX SYM NOTES
P1.01 - DOMESTIC WATER PLAN
P1.02 - SANITARY PLAN
P1.03 - ROOF PLUMBING PLAN
P2.00 - DOMESTIC WATER ISO
P2.01 - SANITARY ISO

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 ag 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: arqgroupinc@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

SIGN & SEAL

STATE OF FLORIDA
CRISTIAN PAVRIL PEREZ
AR94560
REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

COVER SHEET

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	**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: fc = 3000 PSI
FOOTING AND SLAB: fc = 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) fy=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.

1. 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.
2. THE GENERAL CONTRACTOR SHALL OBTAIN ALL PERMITS FOR WORK UNDER THIS CONTRACT.
3. THE REMOVAL OF ALL TEMPORARY INSTALLATIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND BRING THE DISTURBED AREA BACK TO ORIGINAL CONDITION.
4. 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.
5. THE CONTRACTOR SHALL PREVENT UNAUTHORIZED PERSONNEL FROM ACCESS TO CONSTRUCTION AREAS.
6. 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.
7. 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.
8. G.C. IS RESPONSIBLE FOR ALL SAFETY CONDITIONS RELATING TO JOB CONSTRUCTION.
9. 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 WRITTING TO ACHITECT, 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 DISCONECTION 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 CONSTRACTOR 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 SWEPT 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 NECCESSARY ITEMS FOR ARCHITECTS APPROVAL AS WELL AS SHOP DRAWINGS BEFORE ORDERING AND NSTALLATION.
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 FINSHES

AS PER F.B.C. 2-17 - TABLE 803.1.1 AND 803.11 MINIMUM INTERIOR FINISH CLASSIFICATION 'C', FLAMESPREAD 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:
1. ALL EXTERIOR WALL CLADDING, SURFACING, DOORS, AND WINDOWS
2. ROOFING COMPONENTS AND ASSEMBLIES

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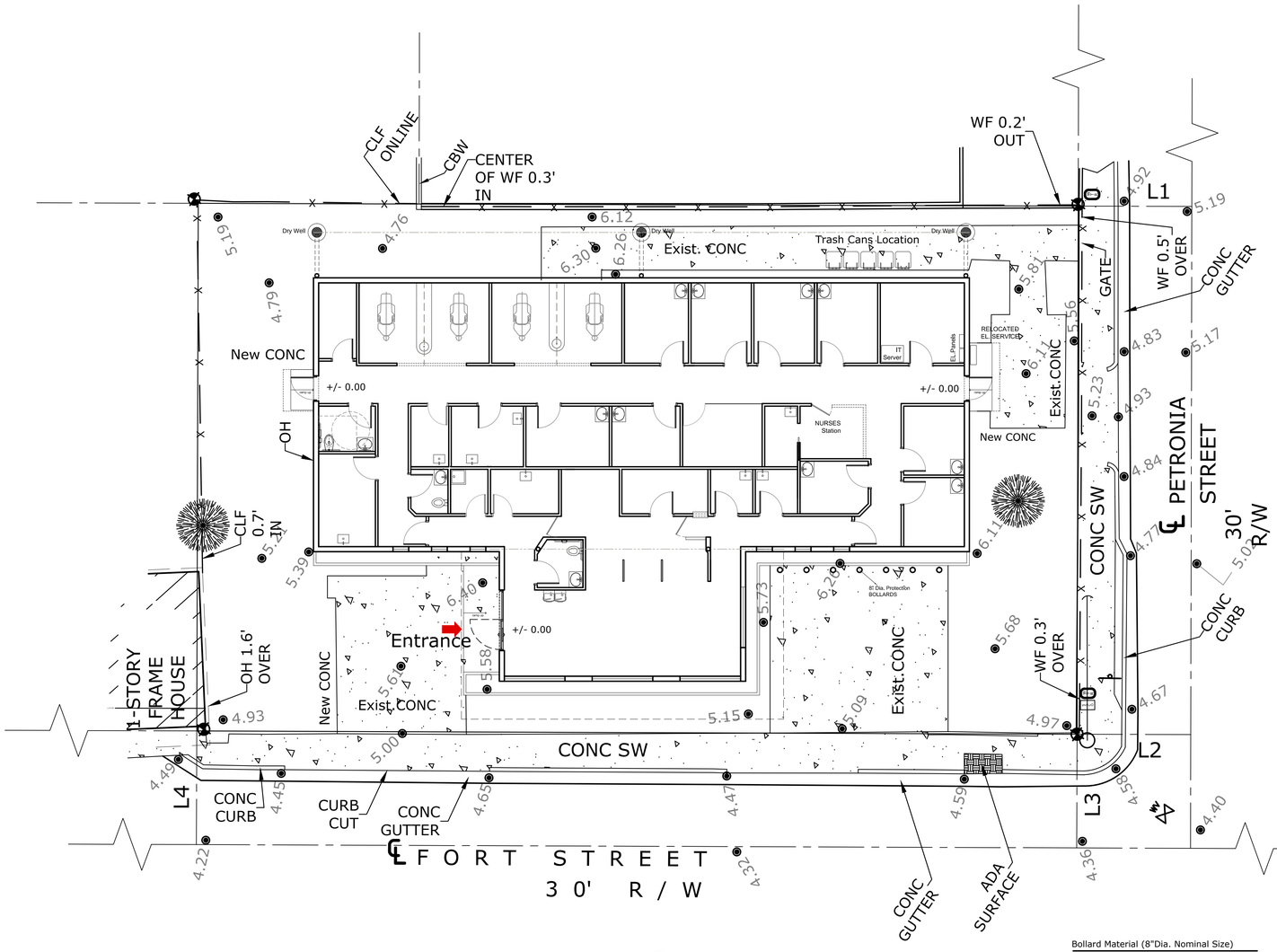
Client
CHI - COMMUNITY HEALTH of SOUTH FLORIDA

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

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Registered Architect # AR 94560

Sheet title
GENERAL NOTES

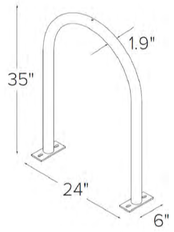
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Scale	NTS



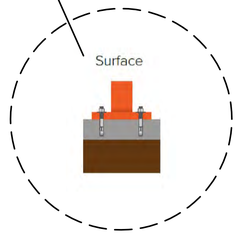
SITE PLAN

0 4 8 16 24





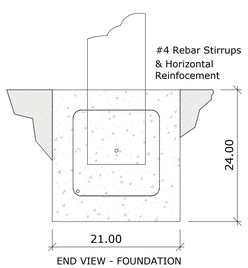
BIKE RACK DETAIL - N.T.S



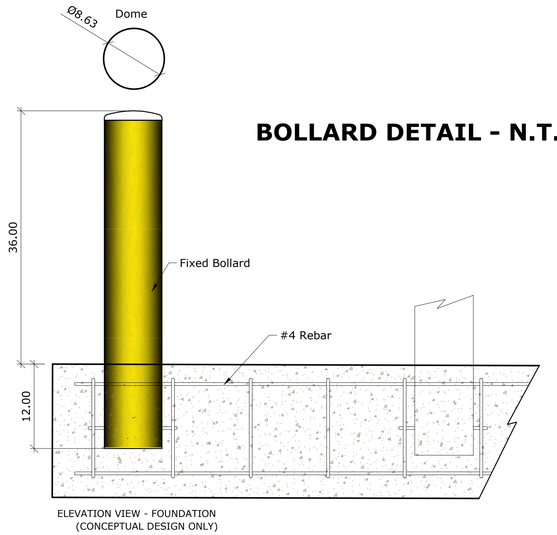
Bollard Material (8"Dia. Nominal Size)
- ☐ FCS08040 Sch 40 ASTM A-53 Carbon Steel

Carbon Steel Bollard Finish
- ☐ Powdercoal YELLOW

Bollard Cap Style
- ☐ Dome



END VIEW - FOUNDATION



ELEVATION VIEW - FOUNDATION
(CONCEPTUAL DESIGN ONLY)

BOLLARD DETAIL - N.T.S

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Sheet #	**A1.01**

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.

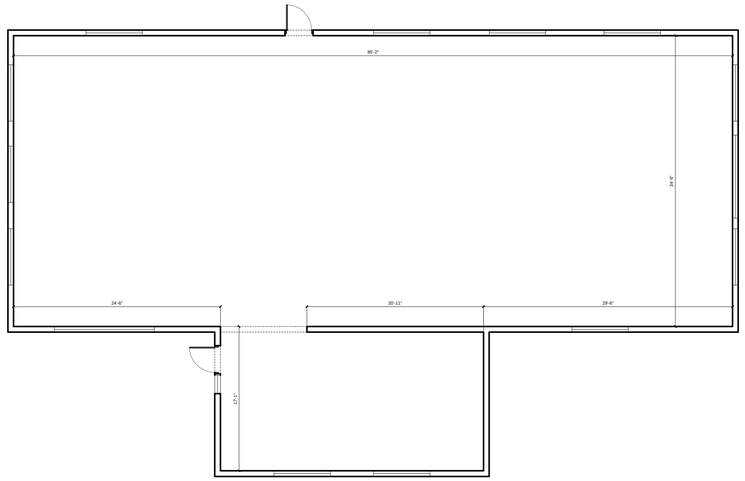
IMPORTANT: IF THE DEMOLITION OF ANY NON-STRUCTURAL COMPONENT THREATENS THE INTEGRITY OF ANY STRUCTURAL COMPONENT, DEMOLITION WORK SHALL STOP AND THE CONTRACTOR SHALL FILE AN RFI (REQUEST FOR INFORMATION) WITH THE ARCHITECT. DEMOLITION WORK SHALL NOT RESUME UNTIL WRITTEN INSTRUCTIONS ARE PROVIDED.

EXPLORATORY DEMOLITION KEY NOTES

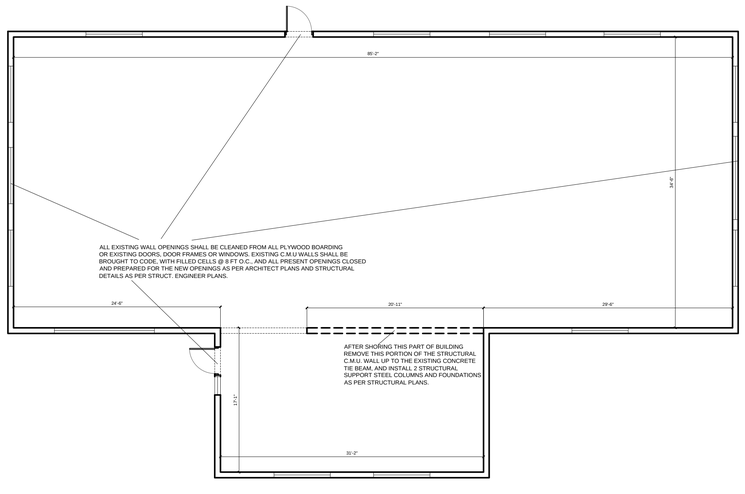
1. EXISTING FOOTPRINT TO REMAIN AS IS - NO ADDITIONAL AREAS OR STRUCTURES ADDED TO FOOTPRINT FOR THIS PERMIT.
2. ALL EXISTING WINDOWS AND EXTERIOR DOORS TO REMAIN.
3. NO CHANGE PROPOSED IN USE.
4. NO CHANGE PROPOSED TO PARKING.
5. NO CHANGE PROPOSED TO LANSCAPING.
6. ALL EXISTING PLUMBING FIXTURES UNLESS 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 0 4 8 16 24



DEMOLITION PLAN 0 4 8 16 24

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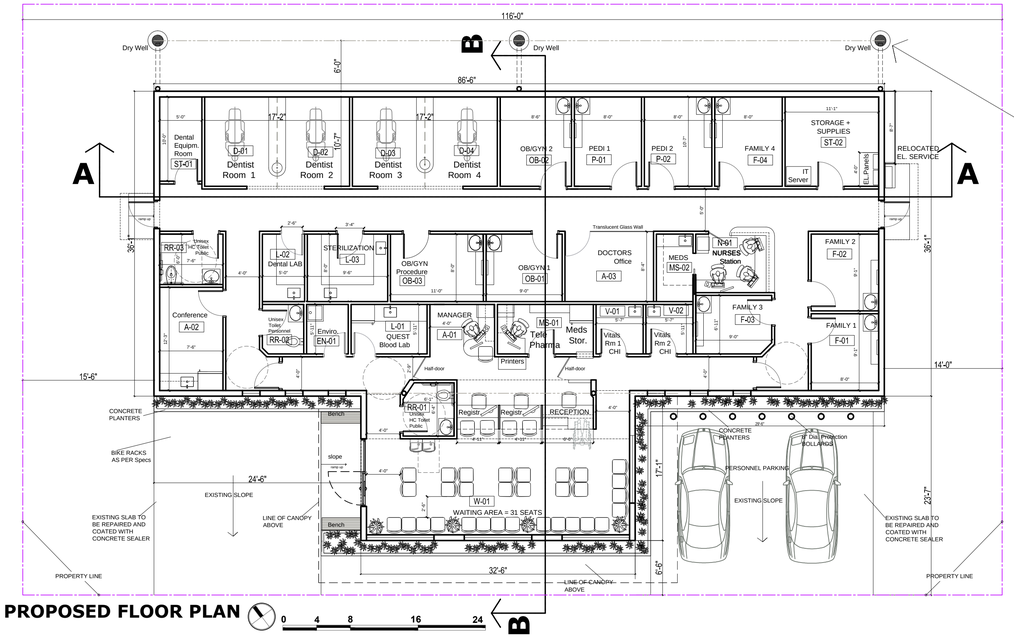
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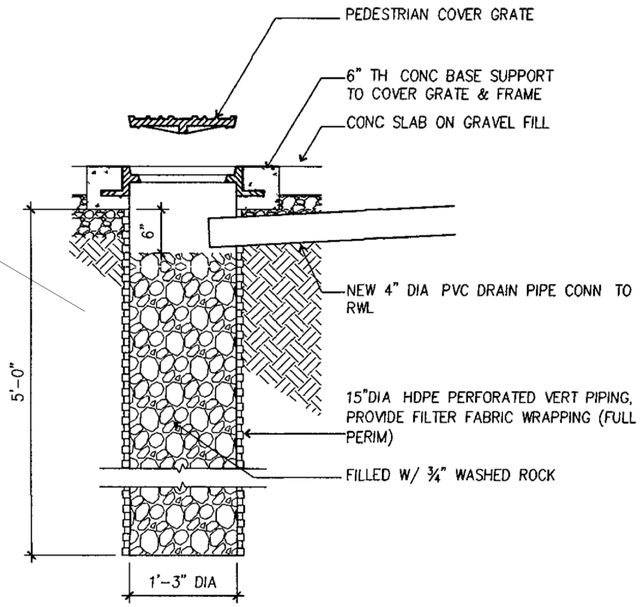
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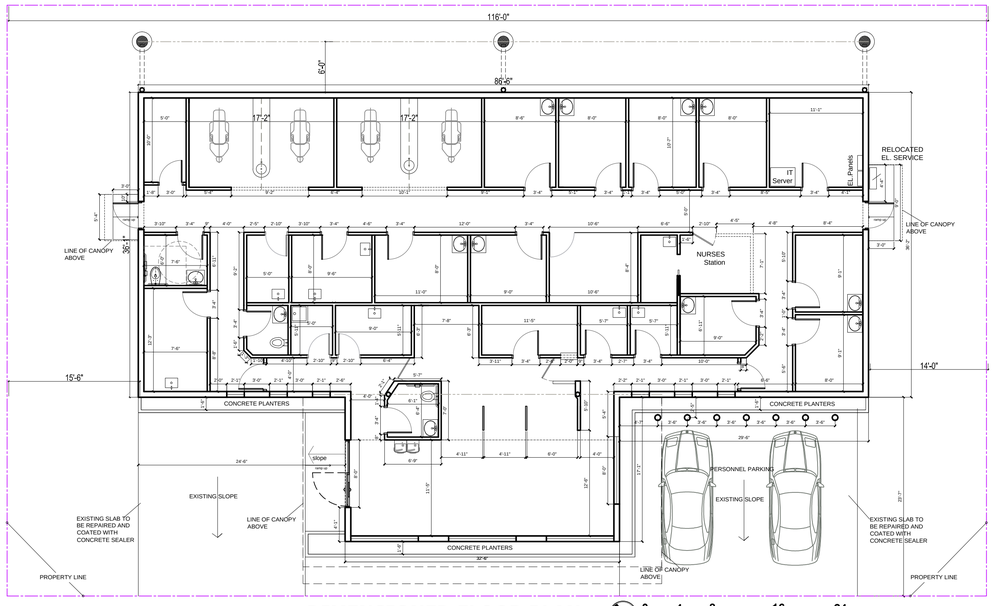


PROPOSED FLOOR PLAN 0 4 8 16 24

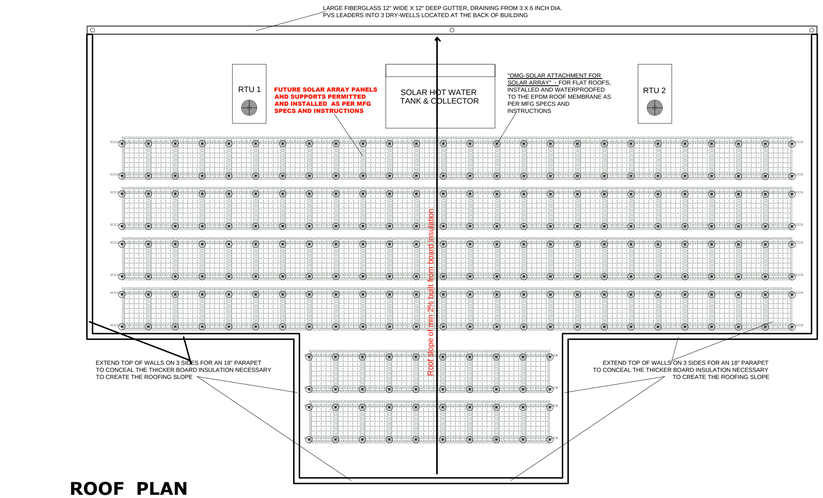


DRY WELL DETAIL

SCALE 3/4" = 1'-0"



DIMENSIONED FLOOR PLAN 0 4 8 16 24



ROOF PLAN 0 4 8 16 24

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Sheet #	**A1.03**

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	OBGYN 01			●	●			●			●			
OB-02	OBGYN 02			●	●			●			●			
OB-03	OBGYN 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 FINSIHED 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 ")

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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

SIGN & SEAL

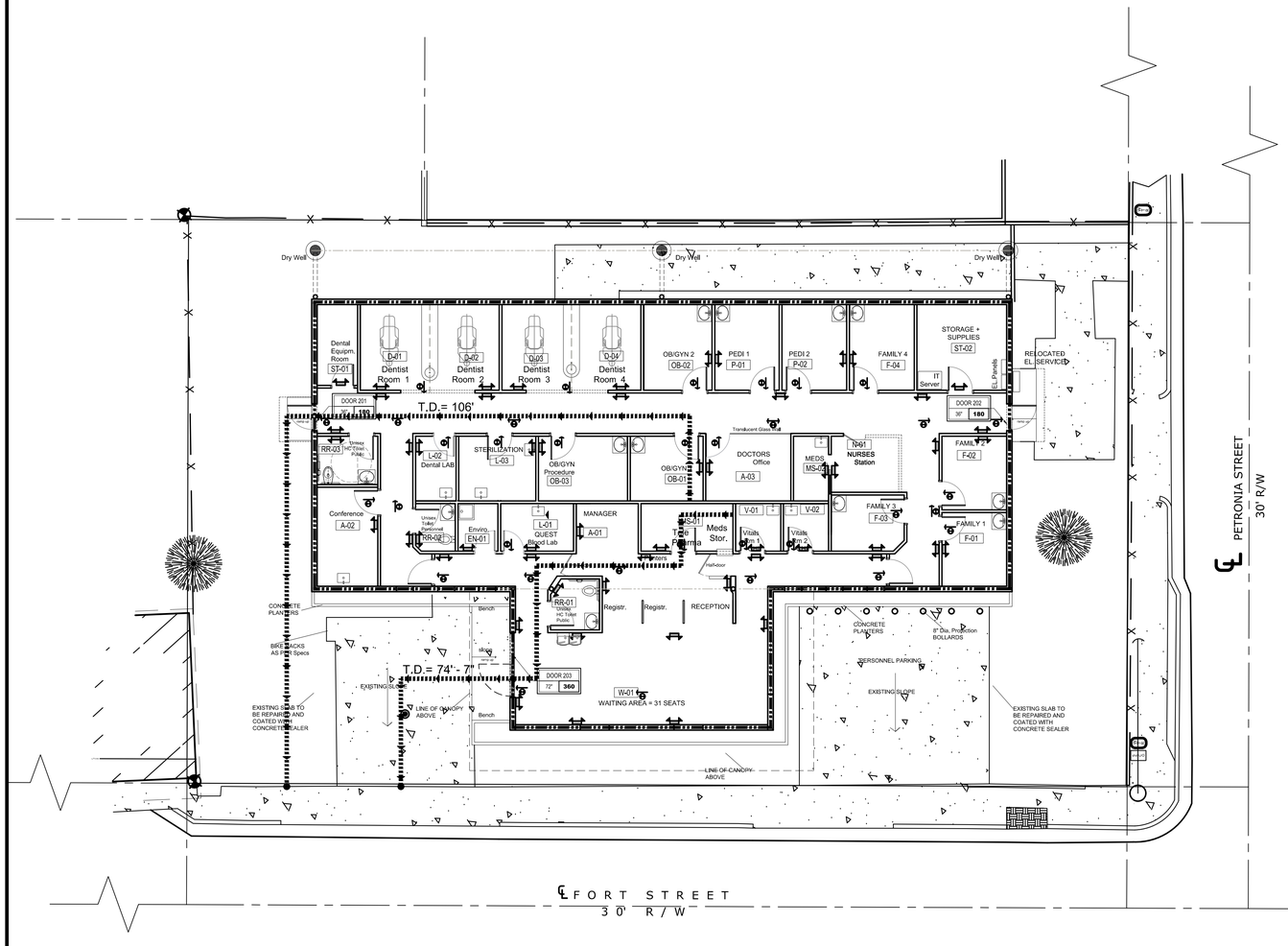
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Registered Architect # AR 94560

Sheet title

FINISHING SCHEDULES

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	A1.09
Scale	NTS



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.

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 PROPSED 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)

GROUP	SPRINKLERED		
	EXIT ENCLOSURES AND EXIT PASSAGEWAYS	COORIDORS	ROOM AND ENCLOSED SPACES'
B	A	A	B

WALL AND CEILING FINISHES PROVIDED PER 803.1 CLASS 'A' AS FOLLOWS:
- FLAME SPREAD INDEX: 0-25
-SMOKE DEVELOPED INDEX: 0-450
WALL AND CEILING FINISHES PROVIDED PER 803.1 CLASS 'B' AS FOLLOWS:
-FLAME SPREAD INDEX: 26-75
-SMOKE DEVELOPED INDEX : 0-450

FIRE EXTINGUISHER REQUIREMENTS

CLASSIFICATION OF FIRES	MIN. RATED SINGLE EXTINGUISHER	MAX. TRAVEL DISTANCE TO EXTINGUISHER
CLASS A	2-A	75 FT

EGRESS EXIT CAPACITY CALCULATIONS
(AS PER SEC1005 F.B.C. 2017 EDITION)

	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		REMARKS
	CODE REQ.	PROVIDED	
BUSINESS B	200 FT.	74' - 7"	* T.D. - MS-01 TO SIDEWALK
		106' - 0"	* T.D. - OB-01 TO SIDEWALK

LIFE SAFTEY LEGEND

- PRIMARY EGRESS
- EXIT LIGHT
- EMERGENCY LIGHT
- FIRE EXTINGUISHER FEC (FIRE EXT. IN SEMI-RECESSED CABINET)
- SMOKE DET
- MEANS OF EGRESS
- CORRIDOR
- EGRESS CAPACITY (DOOR NUMBER / EGRESS CAPACITY / DOOR WIDTH (CLEAR))
- T.D.= FEET — TRAVEL DISTANCE
- TRAVEL DIRECTION
- 1-HR / 2-HR — FIRE RESISTANCE SEPARATION

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)

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

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

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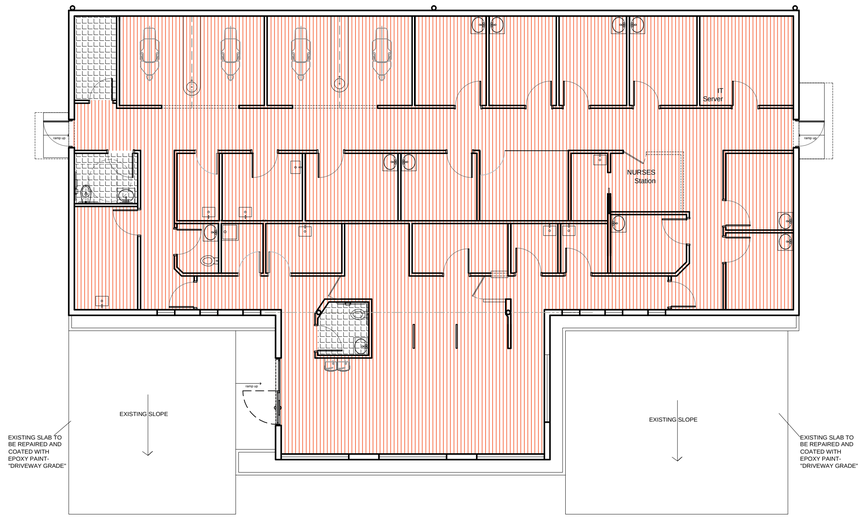
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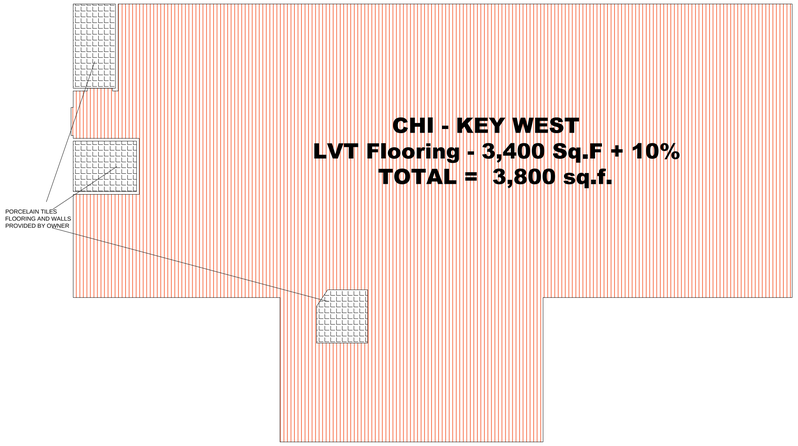
Registered Architect # AR 94560

Sheet title

LIFE SAFETY PLANS

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Scale	NTS
Sheet #	**A1.05**





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

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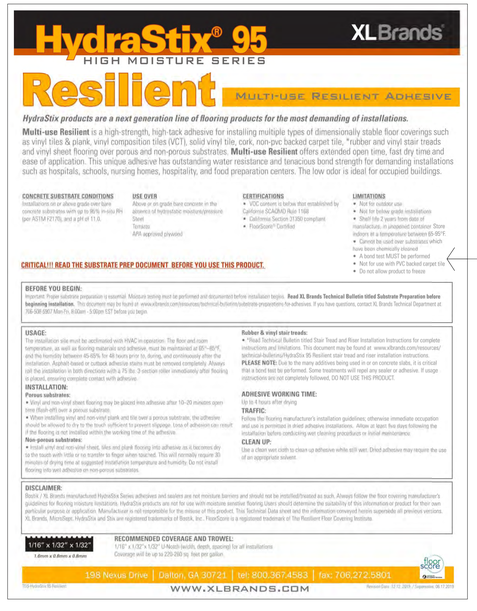
4. INSTALLATION OF SELF LEVELING CEMENTITIOUS COMPOUND TO LEVEL AREAS OF THE SLAB CUTS AND REPAIRED: +/- 1,500 Sq.F.

5. INSTALLATION OF LVT PLANKS - 3,400 Sq.F.

6. INSTALLATION OF of VINYL WALL BASE (4 ")



Use pre-made interior / exterior corner profiles throughout



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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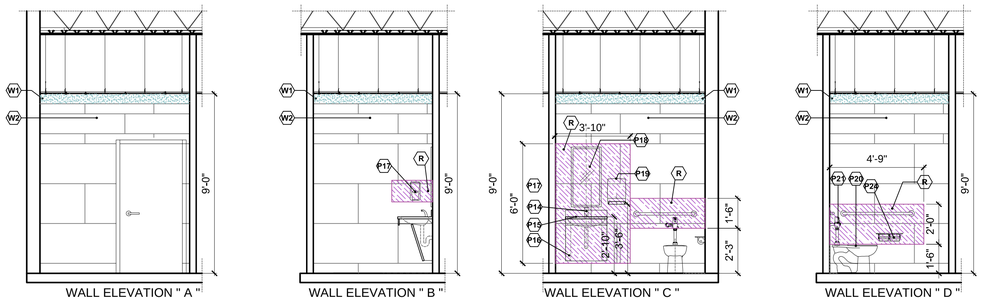
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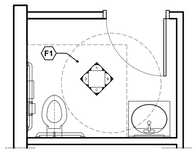
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727 FORT STREET, KEY WEST, FL 33040

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AR 94560
REGISTERED ARCHITECT
Registered Architect # AR 94560

Sheet title
FLOORING DETAILS

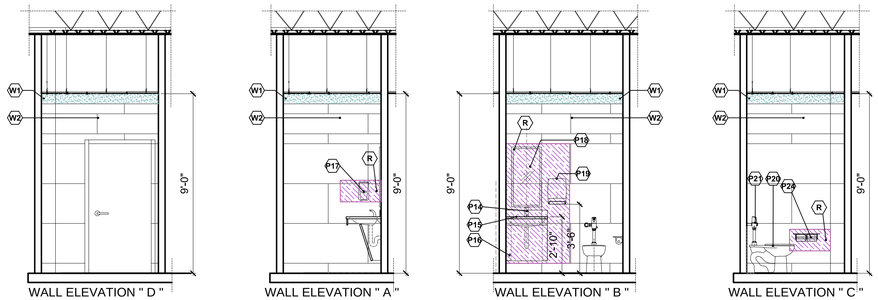
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Project Number	269.20
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Scale	NTS
Sheet #	**A1.06**

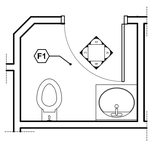




NOTE:
P17 & P19 - keyed dispensers housings to be installed with easy access to the key hole side

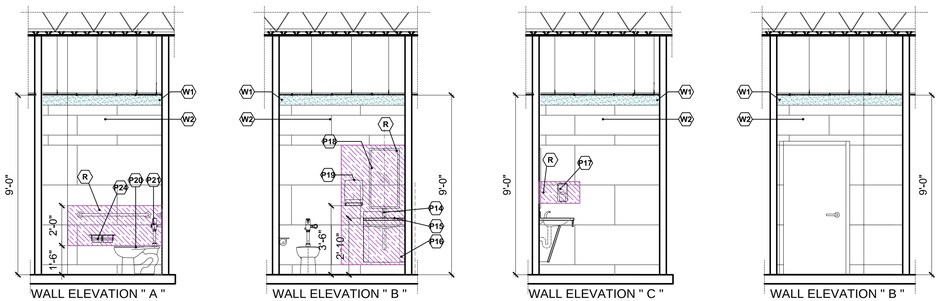
RESTROOM # 1 - N.T.S

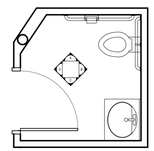




NOTE:
P17 & P19 - keyed dispensers housings to be installed with easy access to the key hole side

RESTROOM # 2 - N.T.S.

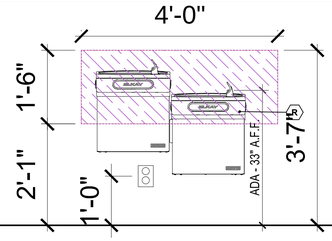




NOTE:
P17 & P19 - keyed dispensers housings to be installed with easy access to the key hole side

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 2: FOR DOORS AND HARDWARE SPECS AND INSTALL. SEE SPECIFICATION MANUAL

NOTE 3: FOR ALL PLUMBING FIXTURES SPECS AND INSTALLATION INSTRUCTIONS SEE SPECIFICATION MANUAL

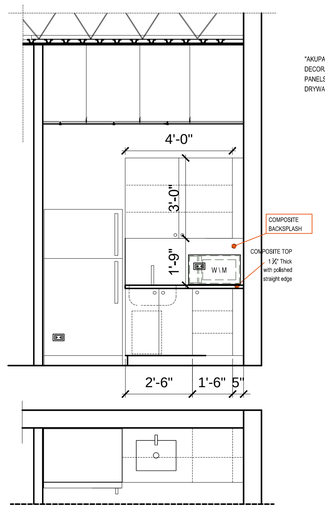
WALL FINISHING
- W1 PAINT as per SCHEDULE
- W2 PORCELAIN TILES
- R CDX - 1/2" Ext. Grade Plywood backing

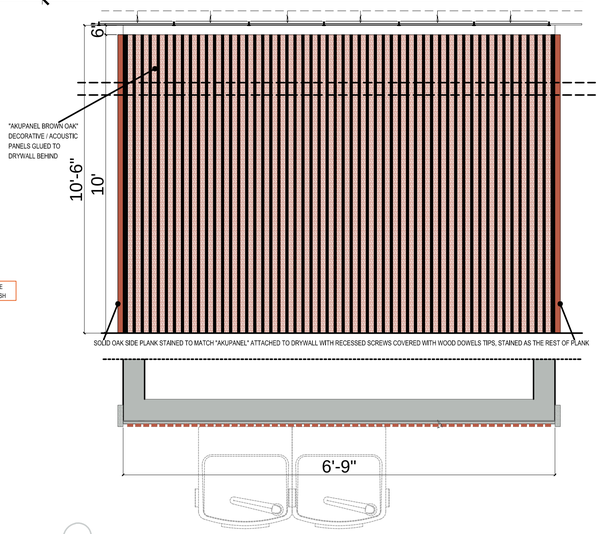
FLOOR FINISHING - ADA Non Slip
- F1 PORCELAIN TILES

PLUMBING FIXTURES AND ACCESSORIES

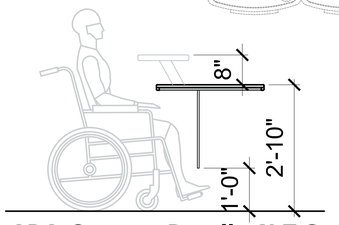
P14 "AM. STANDARD" Sensor Faucet (battery)	P15 AUTOMATIC Hand Towel DISPENSER
P16 Integrated TOP + SINK + BACKSPLASH	P20 HIGH EFFICIENCY WC- Am. Standard
P18 ADA - Under Sink skirt and brackets	P21 "AM. STANDARD" Auto WC Valve (use LITHIUM batt.)
P17 AUTOMATIC SOAP DISPENSER	P22 ADA - Grab Bar 36"
P19 MIRROR 18" X 36"-Stainless Frame	P23 ADA - Grab Bar 42"
	P24 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.

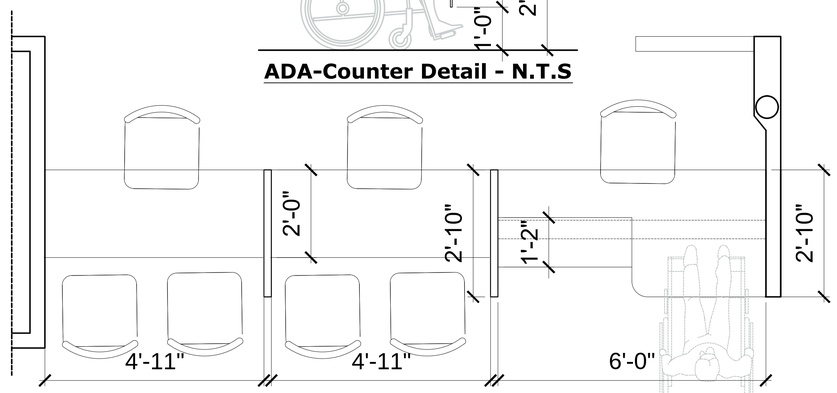




KITCHEN - N.T.S.



ADA-Counter Detail - N.T.S



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

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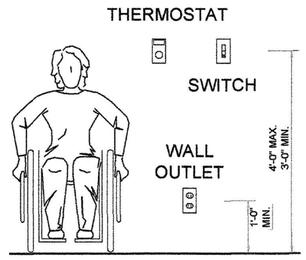
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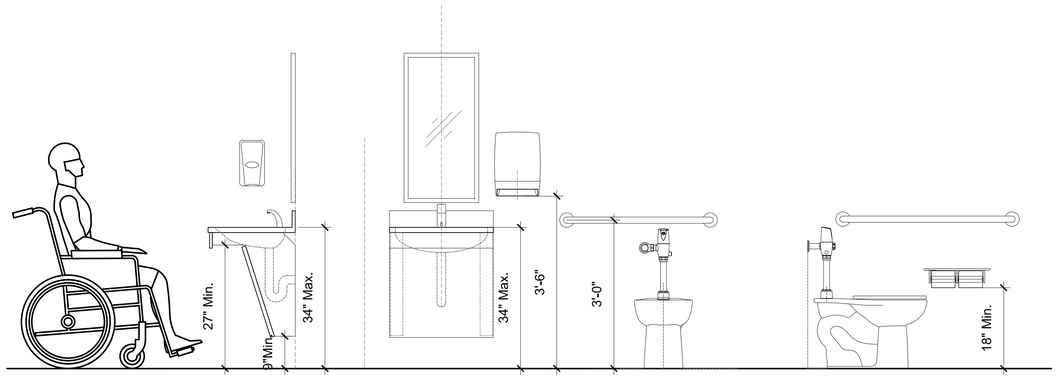
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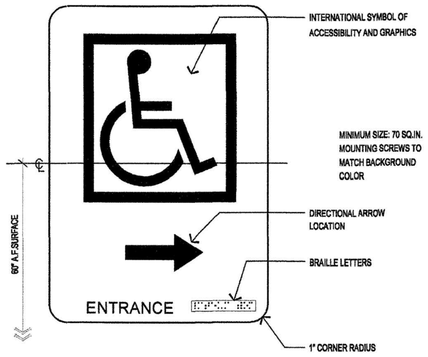
RESTROOMS PLAN + ELEVATIONS

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
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Issue date	06.01.20
Sheet #	A1.07
Scale	NTS

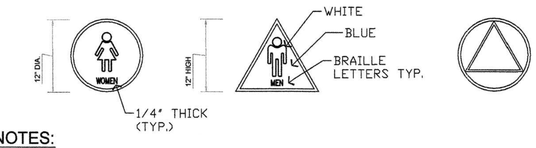


ADA OUTLETS HEIGHT





ADA DIRECTIONAL SIGNS



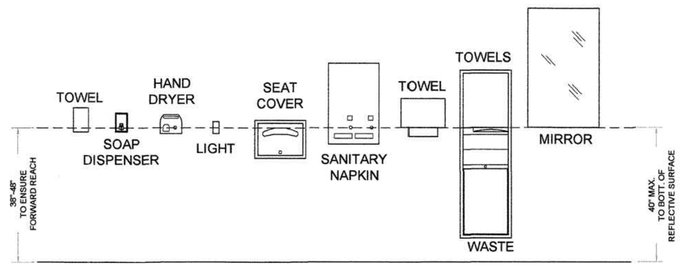
NOTES:

1. H.C. signs per ADA
2. All letters and symbols shall be raised 1/32"
3. 12" diameter circle, 1/4" thick with the color and contrast being distinctly different from the color of the door.
4. International sign of accessibility,white figure on blue (#15090 federal standard 595a) background
5. Sign shall be displayed at 60" A.F.F., centered on the door, color and contrast shall be distinctly different from color and contrast of the door typ. for men's and women's signs
6. 12" equilateral triangle, 1/4" thick with the vertex pointing upward and the color and contrast being distinctly different from the color of the door.
7. Letters and numerals on signs are raised 1/32", sans serif uppercase characters to be accompanied by grade 2 braille.
8. Braille dots are 1/10" on center in each cell with 2/10" space between cells
9. Braille dots are raised a minimum of 1/40" above the background
10. Mounting height is 60" from finish floor to the centerline of the sign

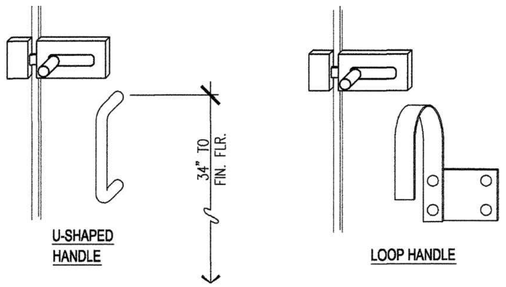
RESTROOM TYPICAL SIGNAGE

1. Seal around all recessed restroom equipment
2. Provide 16 ga. backing at all accessories and lav. tops at grab bars provide 16 ga. backing secured to at least 3 studs.
3. Caulk around joint at bottom of toilet and floor.
4. All toilet paper dispensers installed at 7" min. to 9" max in front of water closet
5. Bottom of mirror to be installed 38" above floor

Controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf (22.2 n) faucets lever-operated, push-type and electronically shall comply with 4.27.4 controlled mechanisms are examples of acceptable designs. If self-closing valves are used the faucet shall remain open for at least 10 seconds

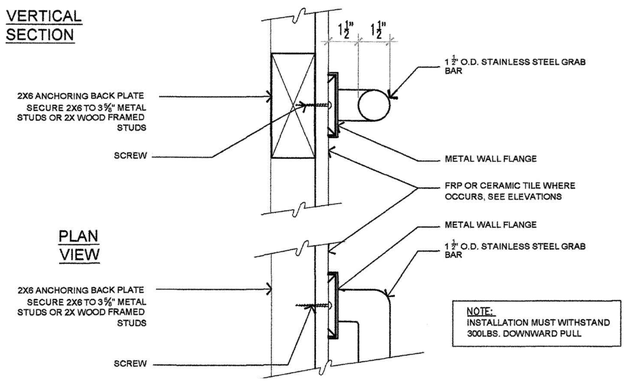


RESTROOM ACCESSORIES INSTALLATION HEIGHT

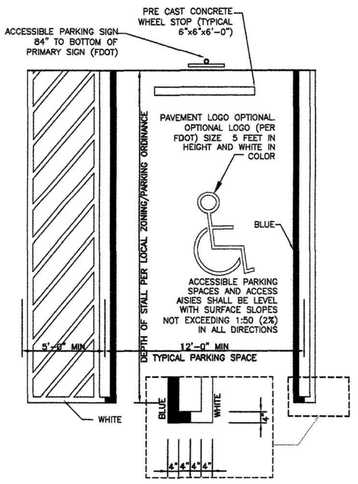


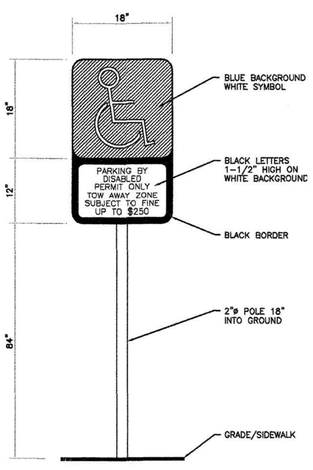
The inside and outside of the compartment doors to disabled accessible stalls must be equipped with a loop or u-shaped handle immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring tight grasping or twisting

ADA STALL DOOR HARWARE



GRAB BARS DETAILS





ADA TYPICAL PARKING SIGNAGE

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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

SIGN & SEAL

STATE OF FLORIDA · CRISTIAN OVIDIU BARCU · AR94560 · REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

TYPICAL A.D.A. DETAILS

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Checked by	E.P.
Project Number	269.20
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Sheet #	**A1.08**
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	OBGYN 01			●	●			●			●			
OB-02	OBGYN 02			●	●			●			●			
OB-03	OBGYN 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 FINSIHED 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 ")

architectura group ag miami

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SIGN & SEAL

STATE OF FLORIDA · CRISTIAN-OVIDIU POPESCU · AR94560 · REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

FINISHING SCHEDULES

Drawn by	N.P.
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Sheet #	A1.09
Scale	NTS

WINDOWS SCHEDULE - G.C. to verify Field Measures prior to Order

WINDOW MARK	WINDOW ELEVATION	QTY.	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	EGRESS	PROTECTION	PRODUCT APPROVAL	NOTES
A	FF	6	24"	60"	NO	IMPACT GLASS	NOA by Contractor	Bronze Alum.Frames, Dark gray Tinted Glass
B	LL	4	98"	60"	NO	IMPACT GLASS	NOA by Contractor	Bronze Alum.Frames, Dark gray Tinted Glass
C	KK	1	126" WITH DOOR	96"	NO	SAFETY GLASS	N.A.	FRAMELESS, INSTALLED WITH SILICONE IN TOP AND BOTTOM ALUMINUM TRACKS

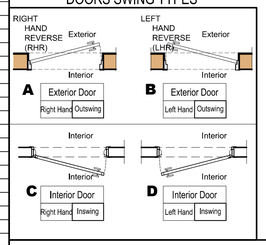
DOORS SCHEDULE - G.C. to verify Field Measures prior to Order

MARK	FROM	TO	No IN OPNG	SIZE WIDTH	SIZE HEIGHT	THICK	TYPE	MATERIAL	FINISH	LOCK / HANDLE	SWING TYPE	FRAME MAT'L	FRAME ELEV	THRES HOLD	CLOSER	PANIC BAR	REMARKS
101	CORRIDOR	RR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	PRIVACY/ADA	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
102	ADMIN	CORRIDOR	1	3'-0"	0'-42"	1 3/4"	WOOD	WOOD	LAMINATE	LATCH	C	STEEL	DD	"	N	N	HALF DOOR
103	ADMIN	CORRIDOR	1	3'-0"	0'-42"	1 3/4"	WOOD	WOOD	PAINTED	LATCH	C	STEEL	DD	"	N	N	HALF DOOR
104	CORRIDOR	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	MAG LOCK	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
105	CORRIDOR	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	MAG LOCK	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
106	CORRIDOR	ENVIRO	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
107	CORRIDOR	LAB	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
108	ADMINISTRATION	PHARMACY	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
109	LAB	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
110	LAB	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
111	TECH ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
112	CORRIDOR	BREAK ROOM	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
113	REST ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	PRIVACY	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
114	CORRIDOR	RR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	PRIVACY/ADA	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
115	STERILIZATION	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	C	STEEL	CC	"	Y	Y	1 HR FIRE RATED
116	OBGYN	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
117	OBGYN	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
KK	DOCTORS	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	GLASS	GLASS	-	KEY PAD	C	-	KK	"	Y	N	CLOSER ON HINGE
119	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
120	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
121	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
122	NURSES STATION	CORRIDOR	1	3'-0"	0'-42"	1 3/4"	WOOD	WOOD	PAINTED	LATCH	C	STEEL	DD	"	N	N	HALF DOOR
123	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
124	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
125	LAB	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
126	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
127	EXAM ROOM	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	C	STEEL	BB	"	Y	N	1 HR FIRE RATED
128	STORAGE	CORRIDOR	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	KEY PAD	D	STEEL	BB	"	Y	N	1 HR FIRE RATED
129	MED STORAGE	NURSES	1	3'-0"	6'-8"	1 3/4"	WOOD	WOOD	PAINTED	LOCK	-	STEEL	EE	"	Y	N	POCKET DOOR
201	CORRIDOR	OUTSIDE	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	ADA	B	STEEL	CC	"	Y	Y	2 HR FIRE RATED EXTERIOR IMPACT
202	CORRIDOR	OUTSIDE	1	3'-0"	6'-8"	1 3/4"	STEEL	STEEL	PAINTED	Keyed/w Bypass	A	STEEL	CC	"	Y	Y	2 HR FIRE RATED EXTERIOR IMPACT
203	LOBBY	OUTSIDE	2	8'-0"	7'-00"	1 3/4"	SLIDER	ALUMINUM	ANODIZED	KEYED	-	ALUM.	AA	"	AUTO	Y	STANLEY AUTO SLIDER- IMPACT GLASS

DOOR NOTES:

1008.1.8 DOOR OPERATIONS, EXCEPT AS SPECIFICALLY PERMITTED IN THIS SECTION EGRESS DOOR SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
1008.1.8.1 HARDWARE, DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE BY CHAPTER 11 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 OPERABLE WITH NOT MORE THAN ONE RELEASING OPERATION.
11-4.13.9 DOOR HARDWARE, HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48 INCHES (1219 MM) ABOVE FINISH FLOOR.

DOORS SWING TYPES

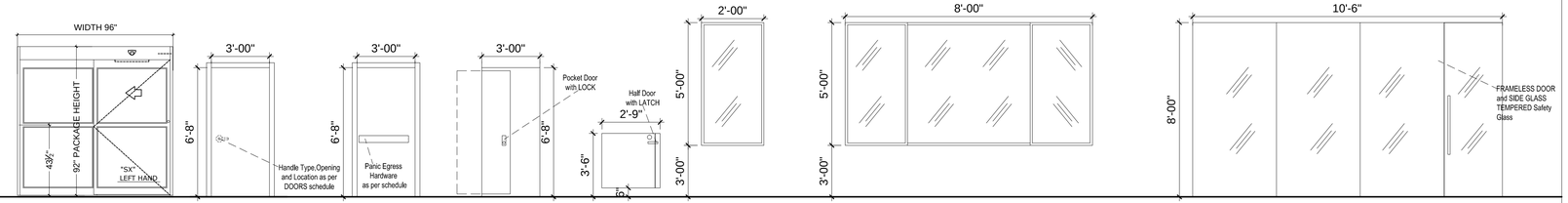


THE ELECTRIC DOOR STRIKE SHALL FAIL SAFE (OPEN) IN CASE OF LOSS OF POWER OF THE CONTROL CIRCUIT OR FIRE ALARM ACTUATION, AND THE DOOR HARDWARE SHALL ALLOW THE DOOR TO OPEN FROM INSIDE LOCATION AT ANY TIME. PROVIDE CONTROL WIRING AS REQUIRED.

THE MAGLOCK SHALL FAIL SAFE (OPEN)IN CASE OF LOSS OF POWER ON THE CONTROL CIRCUIT OR FIRE ALARM ACTUATION. THE DOOR ARRANGEMENT SHALL BE SUCH THAT THE MAGLOCK DISCONNECTS (OPENS) FROM INSIDE LOCATION AT ANY TIME AFTER DEPRESSING THE PUCH TO EXIT BUTTON. PROVIDE CONTROL WIRING AS REQUIRED AND COMPLY WITH NFPA 101 2012 SRTICLE 7.2.1.6.2.

BURGLAR INTRUSION NOTES:

1. ALL LOCKS ON EXTERIOR DOORS SHALL BE CAPABLE OF RESISTING A FORCE OF 300 LBS. APPLIED IN ANY MOVABLE DIRECTION.
2. ENTRANCE GLASS DOORS SHALL BE PROVIDED WITH:
DOOR DEADBOLT OR A PIN NOT REMOVABLE OR OPERABLE FROM THE EXTERIOR AT THE JAMB, SILL, HEAD OR MEETING MULLIONS. THESE DOORS SHALL BE REINFORCED IN THE STRIKE AND LOCK AREA TO MAINTAIN BOLT STRENGTH EFFECTIVENESS IF NECESSARY AND SUCH DOORS SHALL HAVE READY ENTRY FROM OUTSIDE.
3. HINGES ON EXTERIOR OUT SWINGING DOORS SHALL HAVE NON-EXPOSED SCREWS AND NON-OPERABLE PINS.
4. GLASS IN EXTERIOR DOORS SHALL COMPLY WITH THE AMERICAN NATIONAL STANDARDS INSTITUTES, STANDARD Z97.1
5. ENTRANCE GLASS DOORS SHALL BE INSTALLED AND CONSTRUCTED SO THAT NO PANEL CAN BE LIFTED FROM THE BOTTOM WHEN IN THE LOCKED POSITION AND SO AS TO COMPLY WITH THE ARCHITECTURAL ALUMINUM MANUFACTURERS ASSOCIATION STANDARD FOR FORCED ENTRY RESISTANCE, AAMA 13303.3



DOORS GENERAL NOTES:

1. ALL P.T. WD. BUCKS TO BE ANCHORED W/ 1\" LONG HARDENED COIL NAILS OF .099" DIAMETER @ 8" 0.C. (STAGGERED).
2. STOREFRONT WINDOWS TO BE FASTENED TO FILLED CELL OR CONCRETE AND THRU WD. BUCKS AS PER PRODUCT APPROVAL.
4. P.T. WD. BUCK MAY BE TRIMMED AS REQUIRED SUCH THAT THE MIN. THICKNESS IS NOT LESS THAN 1\"
5. BACKBED THE WOOD BUCK WITH SEALANT BEFORE FASTENING AND SET THE STOREFRONT FRAMES IN A BED OF SEALANT ON ALL FOUR (4) SIDES.
3. SHOULD SHIMS BE REQUIRED BETWEEN BUCK AND WINDOW, THEY ARE TO BE \" MAX. THICKNESS. ANCHORAGE OF WINDOW TO MASONRY OR CONCRETE MUST STILL COMFORM TO PRODUCT APPROVAL IN REGARDS TO DEPTH OF PENETRATION OF ANCHORS.
6. CONTRACTOR SHALL SUBMIT PRODUCT APPROVALS FOR ALL DOORS, STOREFRONTS, & SHUTTERS (WITH ARCHITECT'S APPROVED STAMP) TO BLDG. DEPT. PRIOR TO INSTALLATION.

STOREFRONT NOTES:

1. ALL DOOR HARDWARE TO HAVE LEVER HANDLES (SINGLE ACTION RELEASE W/OUT INTERIOR KEY LOCKS), MAXIMUM CLOSER PULL FORCE TO BE 5 LB.
2. ALL DOOR HARDWARE SHALL BE HANDICAPPED ACCESSIBLE.
3. ALL RATED DOORS SHALL HAVE AUTO CLOSERS.
4. DOORS IN MEANS OF EGRESS SHALL HAVE PANIC HARDWARE AND AUTO-CLOSERS. LOCKS SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE.
5. ALL RATED DOORS SHALL HAVE MATCHING RATED ASSEMBLIES.
6. DOORS AND HARDWARE SHALL COMPLY WITH N.F.P.A. 101, & F.B.C., 2017 EDITION.
7. ALL EGRESS DOORS SHALL HAVE PANIC HARDWARE PER F.B.C. 1019.7 & N.F.P.A. 101.
8. ALL FIRST FLOOR STOREFRONT DOORS SHALL HAVE DADE COUNTY PRODUCT APPROVED WITHOUT THE USE OF HURRICANE SHUTTERS.
9. ALL SECOND FLOOR STOREFRONT ASSEMBLIES SHALL BE DADE COUNTY PRODUCT APPROVED WITHOUT THE USE OF HURRICANE SHUTTERS.
10. ALL STOREFRONT WINDOWS, TRANSOMS AND SIDELIGHTS SHALL BE IMPACT RESISTANT WITHOUT THE USE OF HURRICANE SHUTTERS.
11. ALL EXTERIOR LOUVERS SHALL MEET OR EXCEED DESIGN WIND PRESSURES.
12. ALL EXTERIOR FLUSH DOORS SHALL HAVE DADE COUNTY PRODUCT APPROVED IMPACT SYSTEM.
13. CONTRACTOR SHALL SUBMIT PRODUCT APPROVALS FOR ALL DOORS AND STOREFRONTS (WITH ARCHITECT'S APPROVED STAMP) TO BLDG. DEPT. PRIOR TO ISSUANCE OF PERMIT.
14. CONTRACTOR TO INSTALL FRAME AS PER PRODUCT APPROVAL DATA.
15. DOORS SHALL BE ARRANGED TO BE OPENED READILY FROM THE EGRESS SIDE WHENEVER THE BUILDING IS OCCUPIED. LOCKS, IF PROVIDED SHALL NOT REQUIRE THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE INSIDE OF THE BUILDING.

ANCHORING NOTES:

1. IF REQUIRED, ALL P.T. WD. BUCKS TO BE 1/2" ANCHORED W/ 1" LONG HARDENED COIL NAILS OF .099" DIAMETER @ 8" 0.C. (STAGGERED).
2. WINDOWS / DOORS TO BE FASTENED TO CONCRETE AND THRU WOOD BUCKS AS PER PRODUCT APPROVAL.
3. SHOULD SHIMS BE REQUIRED BETWEEN WALL AND WINDOW, THEY ARE TO BE 1/4" MAX. THICKNESS. ANCHORAGE OF WINDOW TO CONCRETE MUST STILL COMFORM TO PRODUCT APPROVAL IN REGARDS TO DEPTH OF PENETRATION OF ANCHORS.
4. P.T. WD. BUCK MAY BE TRIMMED AS REQUIRED SUCH THAT THE MIN. THICKNESS IS NOT LESS THAN 1/2".
5. BACKBED THE WOOD BUCK WITH SEALANT BEFORE FASTENING AND SET THE WINDOW IN A BED OF SEALANT ON ALL FOUR (4) SIDES.

HARDWARE SCHEDULE

IMPACT RESISTANT DOORS WITH PRODUCT APPROVED HARDWARE TO INCLUDE WEATHER STRIPPING, PANIC EXIT DEVICE WITH RIM CYLINDER OR PULL WITH THUMB LATCH AND CLOSER WITH HOLD OPEN DEVICE - 180 DEGREE OPENING, THRESHOLD, RAIN DRIP CAP, FLOOR STOP.

THE FOLLOWING SCHEDULE IS TO BE USED AS A GENERAL GUIDE. SPECIAL OR UNUSUAL CONDITIONS NOT COVERED WILL HAVE HARDWARE OF SIMILAR TYPE AND QUALITY TO MEET JOB CONDITIONS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL HARDWARE IS SUPPLIED TO MEET PROJECT REQUIREMENTS. ALL CLOSERS SHALL BE CAPABLE OF OPENING DOORS 180 DEGREES. SEE DOOR SCHEDULE FOR ASSEMBLY FIRE RATING.

GLAZING NOTES:

1. ALL GLAZING FOR INTERIOR FIXED PANELS, OPERABLE DOORS AND INTERIOR WINDOWS TO BE SAFETY GLASS.
2. ALL P.T. WD. BUCKS TO BE ANCHORED W/ 2" LONG HARDENED COIL NAILS OF .099" DIAMETER @ 8" 0.C. (STAGGERED).

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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

SIGN & SEAL

STATE OF FLORIDA — CRISTIAN GAVRILESCU — AR94560 — REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

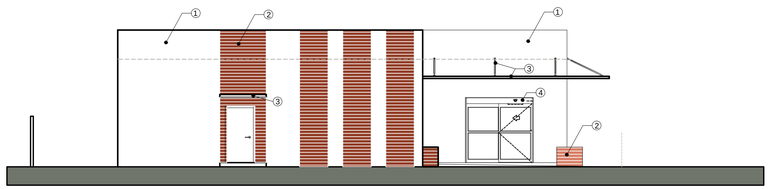
DOORS AND WINDOWS SCHEDULES

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Issued for	PERMIT
Issue date	06.01.20
Sheet #	**A1.10**
Scale	NTS

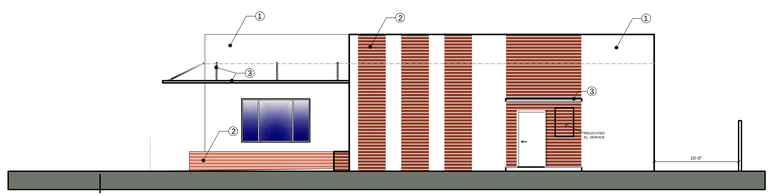


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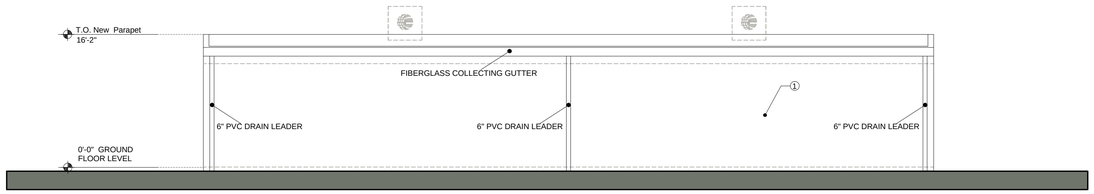
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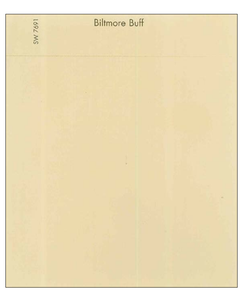
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SIDE ELEVATION - SE 0 4 8 16 24



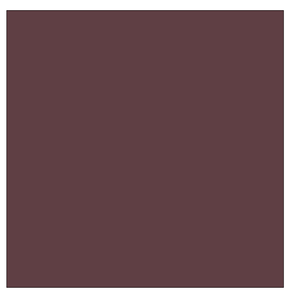
BACK ELEVATION - NE 0 4 8 16 24



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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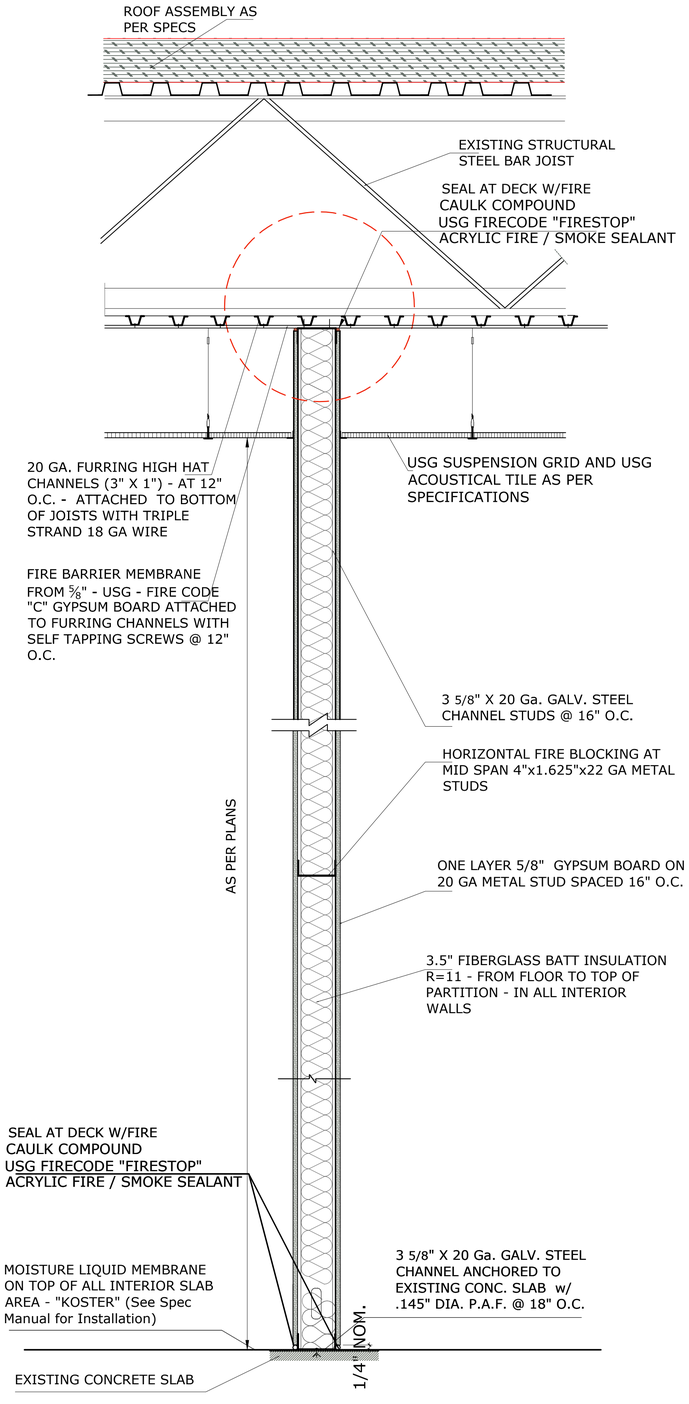
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Registered Architect # AR 94560

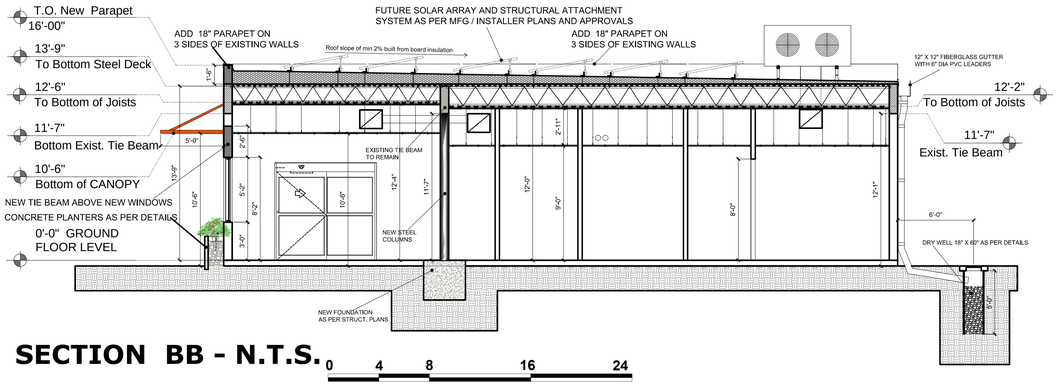
Sheet title

ELEVATIONS

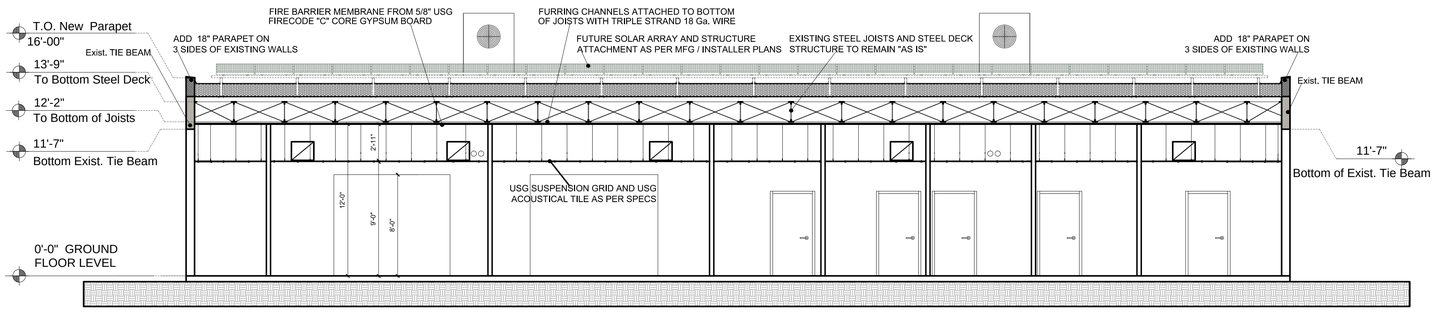
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Checked by	E.P.
Project Number	269.20
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Issue date	06.01.20
Scale	NTS
Sheet #	**A2.01**



TYP. INTERIOR WALL SECTION



SECTION BB - N.T.S.



SECTION AA - N.T.S.

0 4 8 16 24

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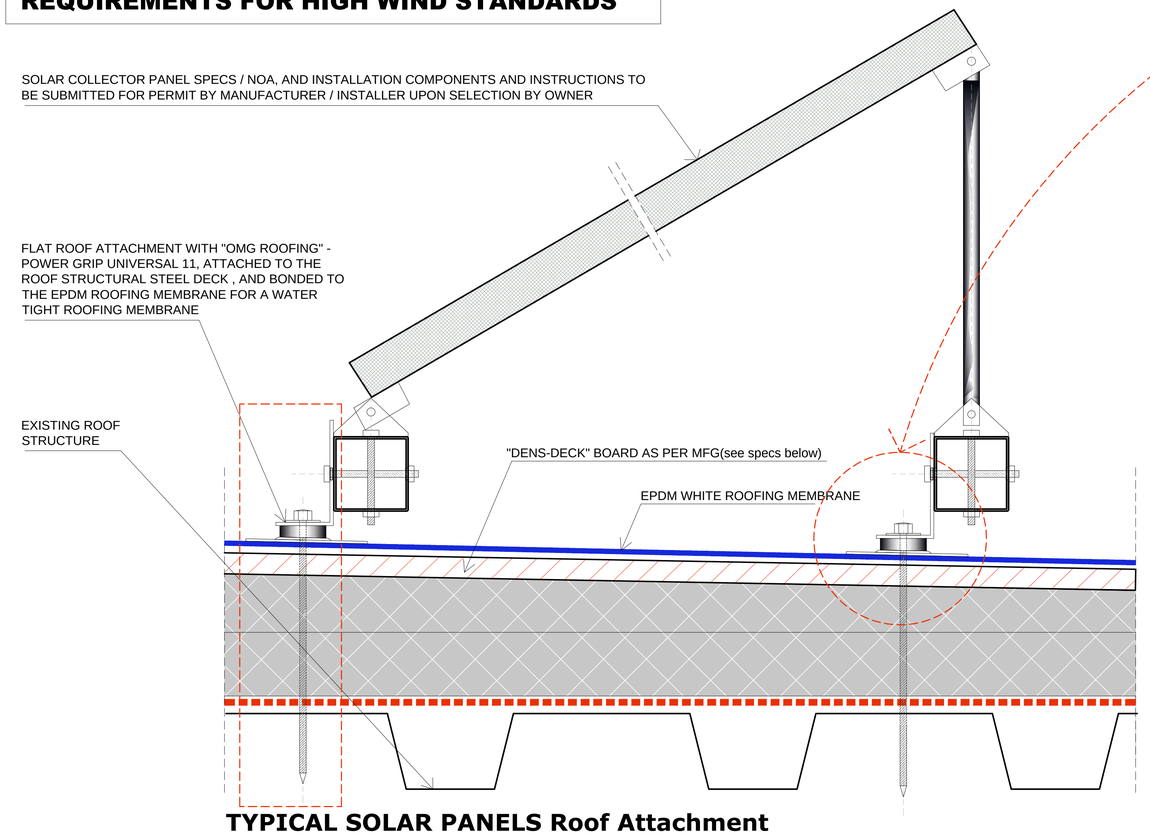
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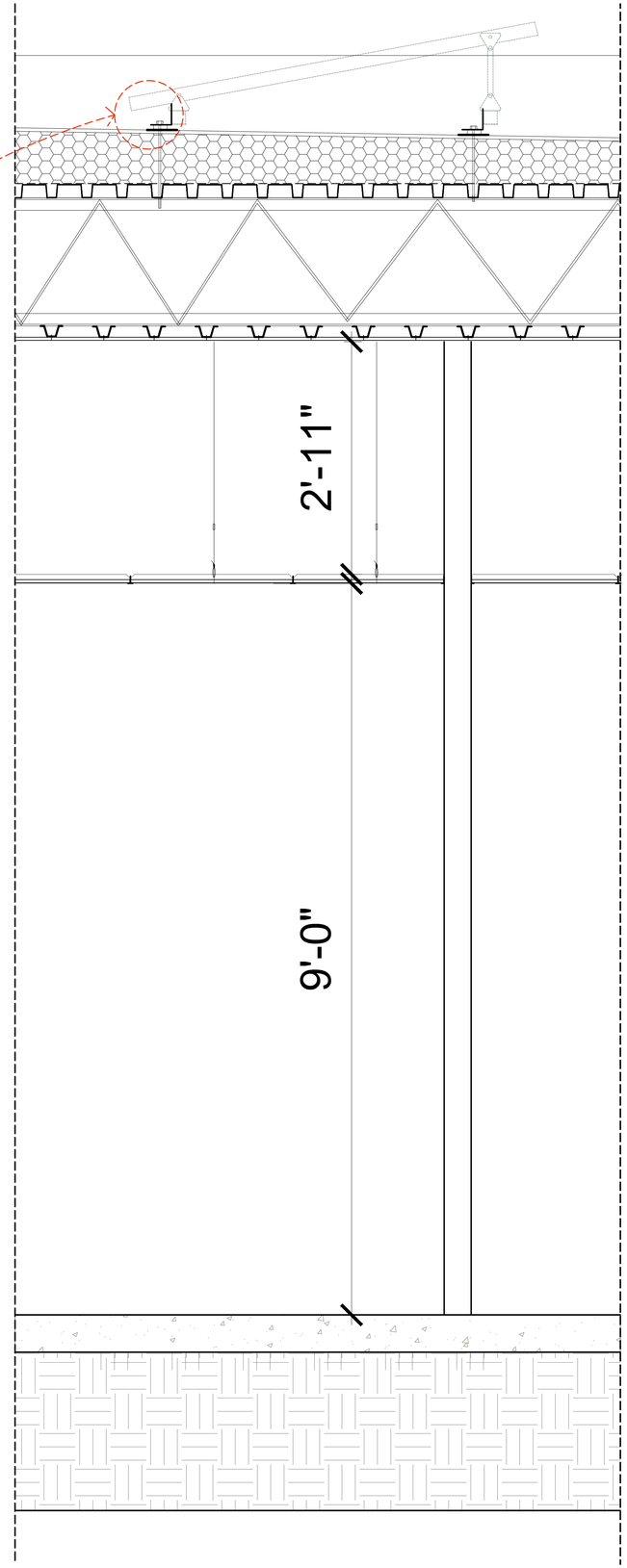
SECTIONS and TYPICAL WALL SECTIONS

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



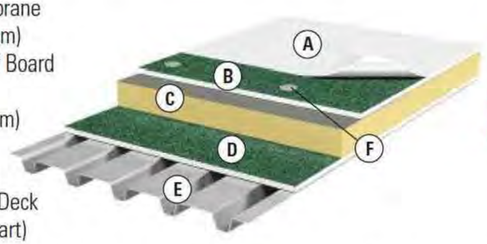
TYPICAL SOLAR PANELS Roof Attachment



DensDECK PRIME for 180 PSF Wind Uplift

System Type and Description	Wind-Uplift PSF	Product[1]	# of fasteners (4′ x 8′ board)
Fully Adhered EPDM and Thermoplastic Membranes	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

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.

* 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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727 FORT STREET, KEY WEST, FL 33040

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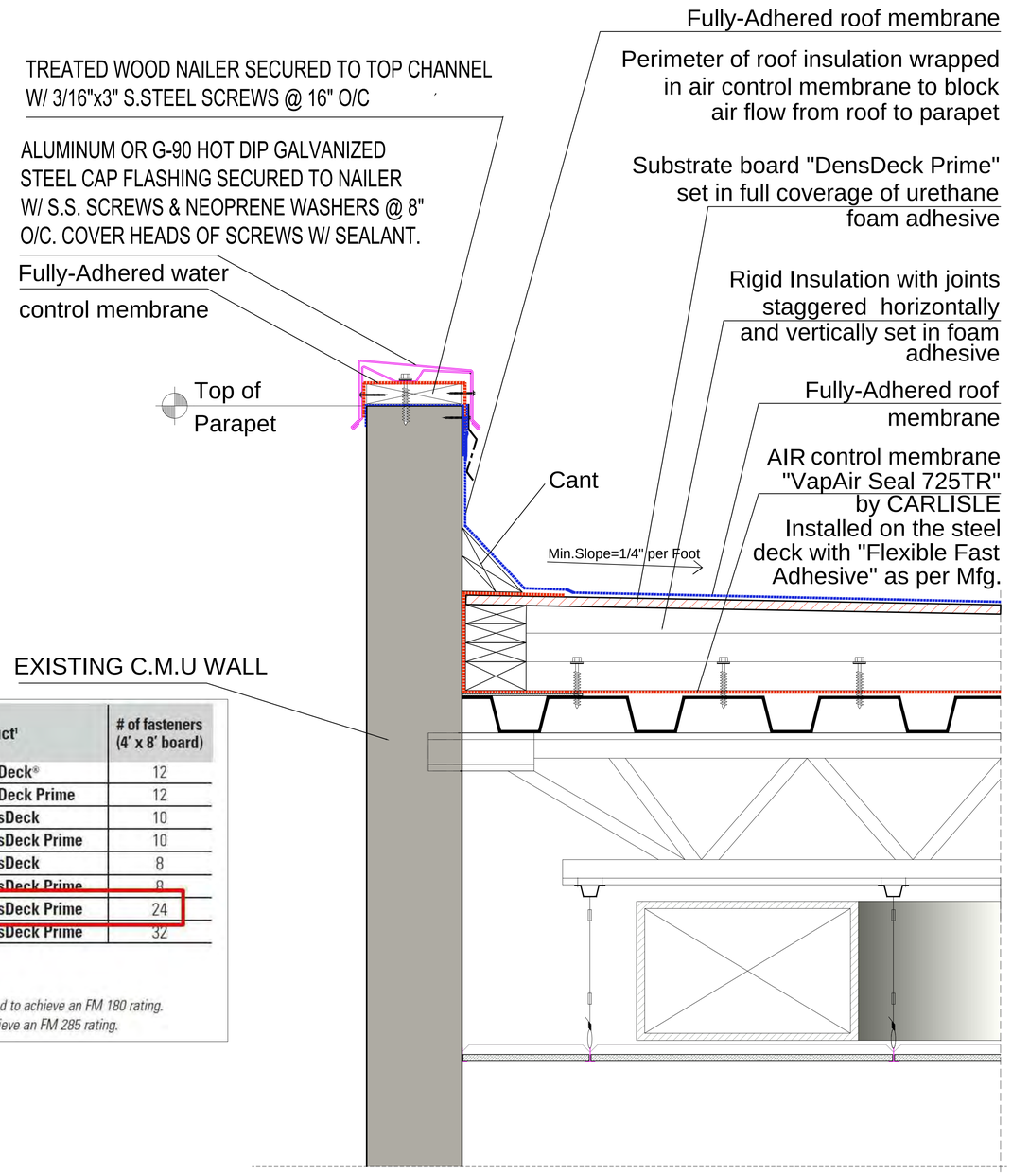
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Registered Architect # AR 94560

Sheet title

SOLAR PANELS Roof Attachment DETAILS and Specs

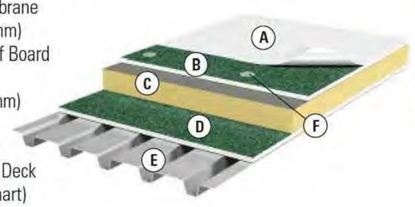
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Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	A3.02
Scale	NTS



TYP. PARAPET SECTION

System Type and Description	Wind-Uplift PSF	Product[1]	# of fasteners (4' x 8' board)
Fully Adhered EPDM and Thermoplastic Membranes	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
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	FM 285**	1/2" (12.7 mm) **DensDeck Prime**	32

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.

* *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

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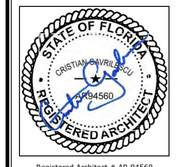
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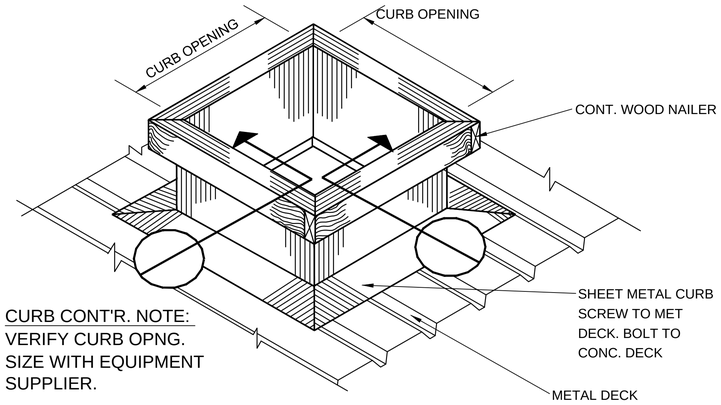


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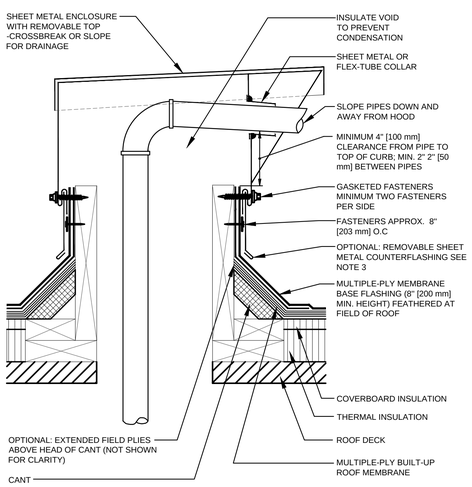
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ROOFING / PARAPET DETAILS

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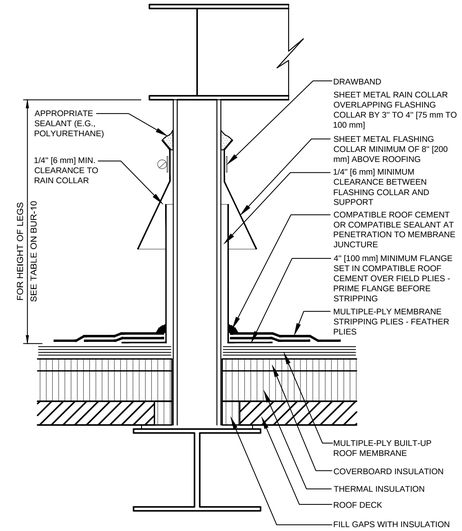
CURB CONT'R. NOTE:
VERIFY CURB OPNG. SIZE WITH EQUIPMENT SUPPLIER.



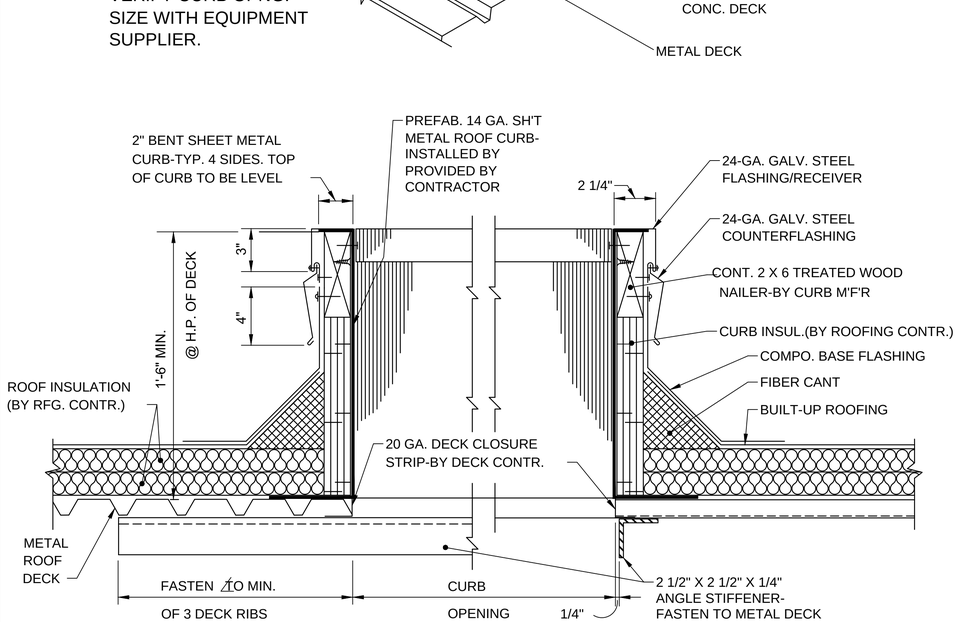
NOTES:

1. THIS DETAIL ILLUSTRATES ANOTHER METHOD OF ELIMINATING PITCH POCKETS AND AN OPTIONAL METHOD OF GROUPING PIPING THAT MUST PENETRATE THE ROOF.
2. MANY MANUFACTURERS OFFER PREFABRICATED BOOTS AND OTHER MATERIALS FOR THIS PURPOSE. SPECIFICS ON THESE PROPRIETARY DESIGNS VARY GREATLY, AND INDIVIDUAL MANUFACTURERS' SPECIFICATIONS SHOULD BE CONSULTED FOR THEIR USE.
3. WHERE THE SHEET METAL ENCLOSURE OVERLAPS THE BASE FLASHING AT LEAST 3" [75 mm], THE REMOVABLE SHEET METAL COUNTERFLASHING IS NOT REQUIRED.

SHEET METAL ENCLOSURE FOR PIPING THROUGH ROOF DECK
NOT DRAWN TO SCALE

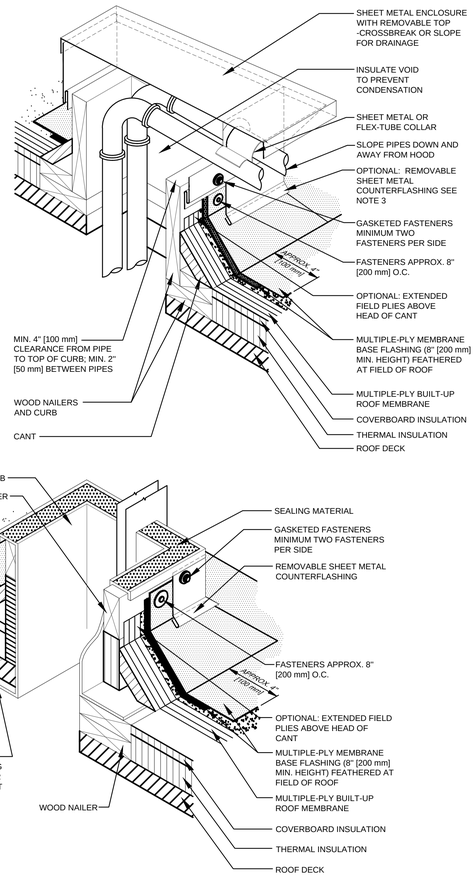


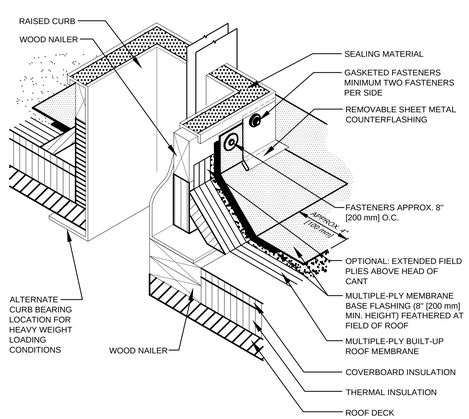
EQUIPMENT SUPPORT STAND AND TYPICAL RAIN COLLAR PENETRATION DETAIL
NOT DRAWN TO SCALE

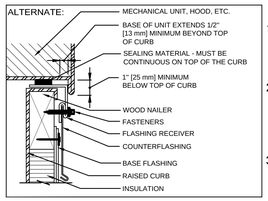


NOTES:

WIDTH OF EQUIPMENT	HEIGHT OF LEGS
UP TO 24" [UP TO 600 mm]	24" [600 mm]
24" TO 48" [600 mm TO 1.2 m]	36" [900 mm]
48" AND WIDER [1.2 m AND WIDER]	48" [1.2 m]



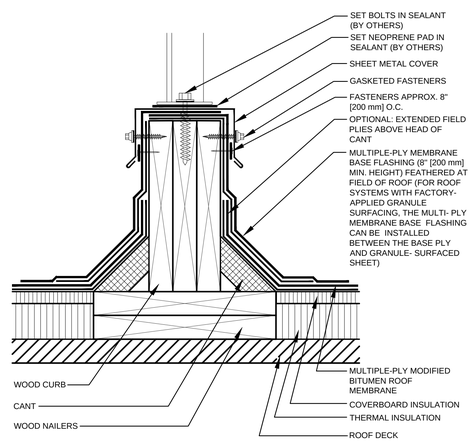




NOTES:

1. THE CURBS, TOP WOOD NAILER, AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
2. WHEN POSSIBLE, THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.
3. REFER TO THE SHEET METAL SECTION OF THE METAL ROOFING MANUAL FOR JOINERY AND SECUREMENT OPTIONS FOR SHEET METAL.

RAISED CURB DETAIL FOR ROOFTOP AIR HANDLING UNITS AND DUCTS (PREFABRICATED METAL CURB)
NOT DRAWN TO SCALE



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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

SIGN & SEAL

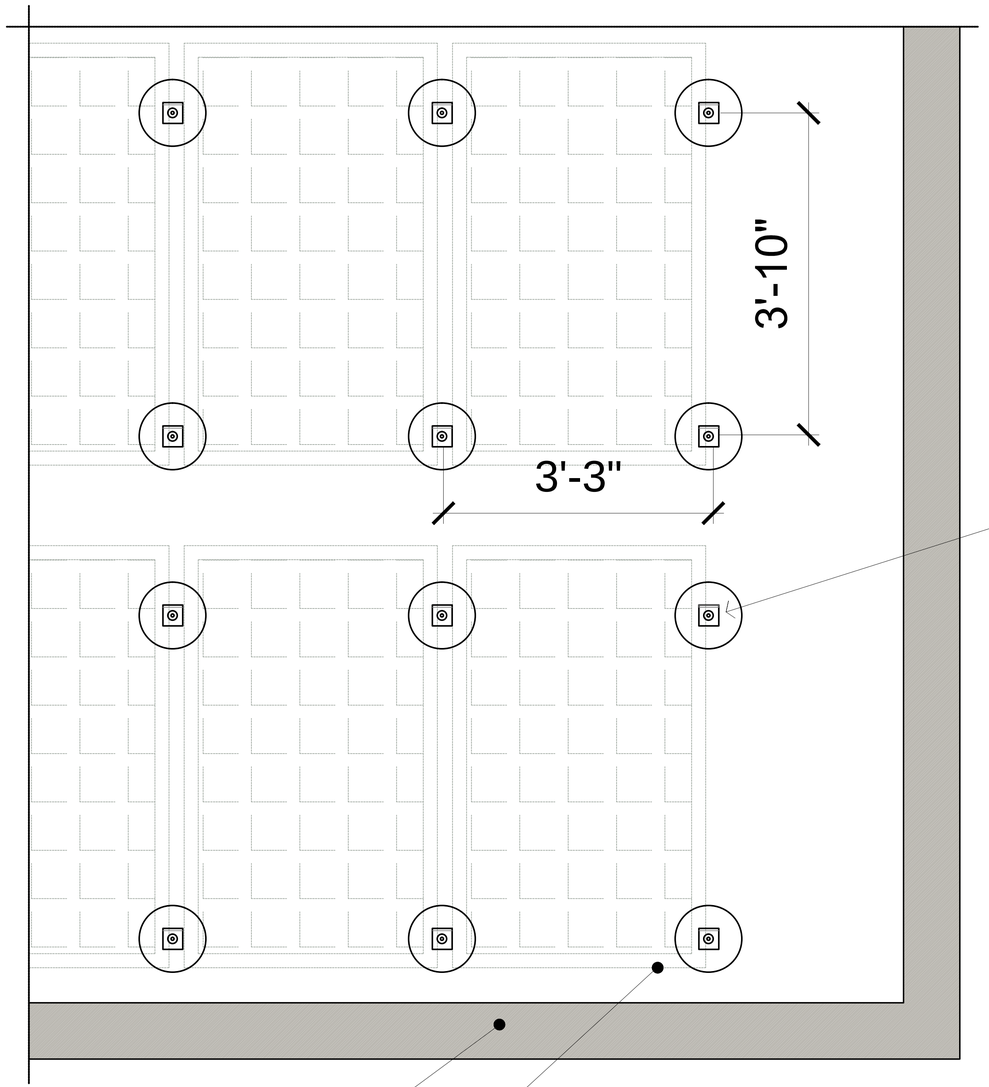
STATE OF FLORIDA · CRISTIAN PAVRIL POPOV · AR94560 · REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

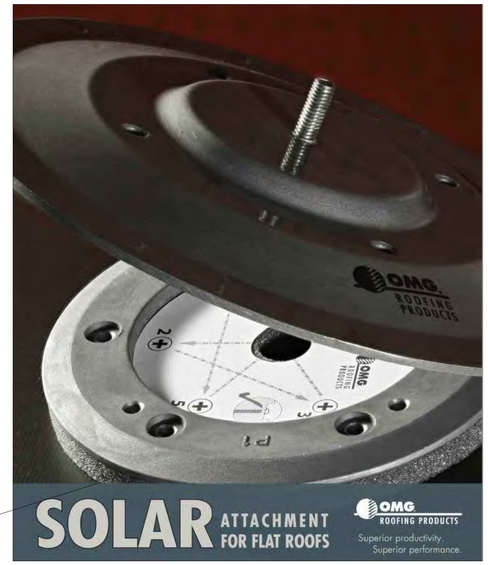
VARIOUS EQUIPMENT CURB DETAILS

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Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Scale	NTS
Sheet #	**A3.04**

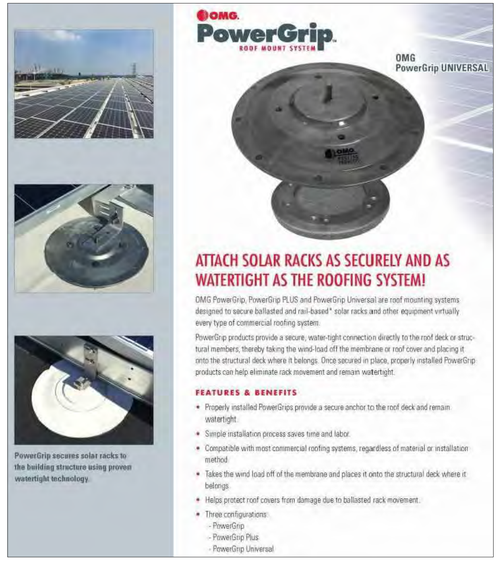


ROOF PARAPET AS PER PLANS

FUTURE SOLAR PANELS AND SUPPORT SYSTEMS BY OTHERS



"OMG" SOLAR ATTACHMENT FOR FLAT ROOFS SYSTEM





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

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ARCHITECTURA GROUP MIAMI

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INTERIOR DESIGN
PLANNING
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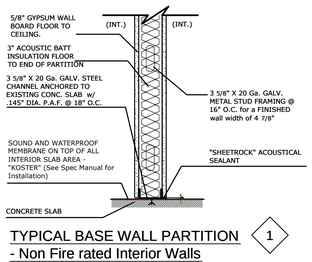
STATE OF FLORIDA · CRISTIAN OVIEDO · AR94560 · REGISTERED ARCHITECT

Registered Architect # AR 94560

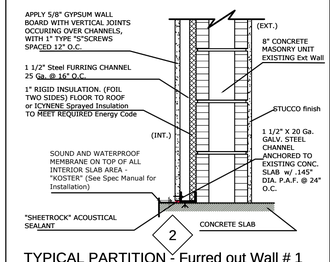
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SUPPORTS FOR SOLAR GRID SPECIFICATIONS

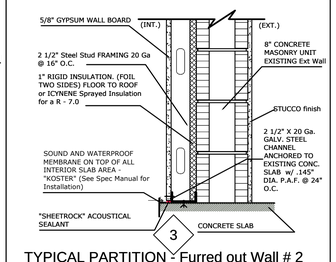
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Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	**A3.05**
Scale	NTS



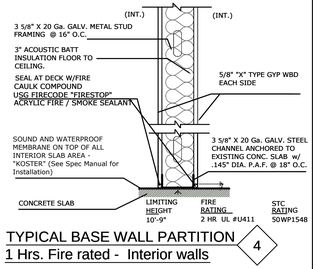
TYPICAL BASE WALL PARTITION - Non Fire rated Interior Walls — 1



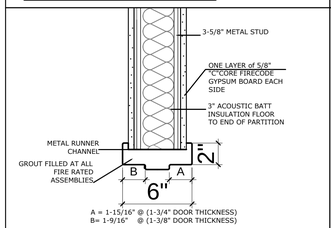
TYPICAL PARTITION - Furred out Wall # 1 — 2



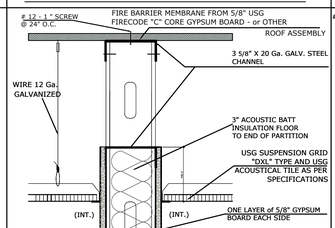
TYPICAL PARTITION - Furred out Wall # 2 — 3



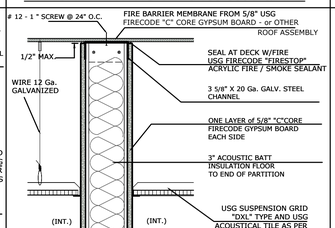
TYPICAL BASE WALL PARTITION 1 Hrs. Fire rated - Interior walls — 4



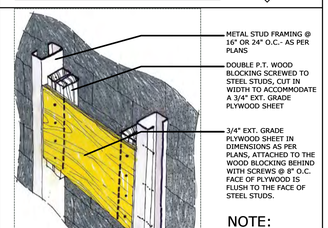
TYPICAL DOOR FRAME JAMB & HEAD — 18 A6.01



HEAD OF PARTITION - TYP. DETAIL NON RATED INTERIOR WALL — 6



HEAD OF PARTITION - TYP. DETAIL 1Hr. RATED INTERIOR WALL — 7



NOTE:
ALL WOOD / PLYWOOD IN COMMERCIAL APPLICATIONS SHALL BE FIREPROOF TREATED WITH "FX Flame Guard Clear Top Coat Fire Retardant"

TYPICAL REINFORCING FOR CABINETS / EQUIP. — 8 A6.01

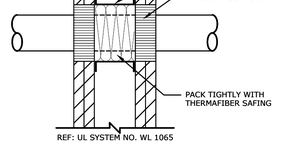
NOTES for NON-BEARING STUD WALLS ONLY:

1. PROVIDE BACKING WITHIN WALLS, TO RECEIVE CABINETRY / MILLWORK / ACCESSORIES, AS REQURIED UNLESS SPECIFICALLY DETAILED OTHERWISE. CORDINATE WITH ARCHITECTURAL PLANS FOR EXACT LOCATIONS.
2. ALL SUSPENDED WALLS SHALL HAVE GYP. BOARD WHICH EXTENDS 6" ABOVE THE SUSPENDED CEILING UNLESS SHOWN AND/OR NOTED OTHERWISE BY THE ARCHITECT.
3. ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACED AT 4'-0" MAXIMUM ON CENTER. THE BRIDGING SHALL BE SECURELY FASTENED TO THE STUDS WITH SCREWS.
4. ALL STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.
5. TYPICAL FASTENER :
   A. STEEL STUDS TO STEEL STUDS OR TRACKS: # 8-18 X 1/2" TEKS /2 WITH PHIL PAN HEAD FOR 25 GA. OR 20 GA. #10 - 16 X 9/16" TEKS/3 WITH PHIL PAN HEAD FOR INTERCONNECTION OF 18 GA. OR 16 GA.
   B. STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS & BEAMS: #14-10 X 1 1/2" H.W.H. TYPE "S" METAL -TO-WOOD TEKS.
   C. STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE STEEL, WIDE FLANGE COLUMNS, BEAMS, GIRDERS, ETC.): TEKS/3 OR TEKS/4 - GAUGE AND LENGTH AS REQUIRED FOR THE COMBINED THICKNESS OF THE FRAMING TO BE DRILLED.
   D. PLYWOOD TO STEEL STUDS: #10 - 24x3/4" TEKS/3 (PLYMETAL TEKS) WITH THIN WAFER HEAD.
   E. 1 " TYPE "S-12" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYP. BOARD TO 25 GAUGE OR 20 GAUGE STUDS. GYP. BOARD TO STEEL STUDS. FOR 3/8" TO 5/8" TO 18 GA. OR 16 GA. STUDS OR TRACKS USE 1 1/4" TYPE "S-12" BUGLE HEAD SCREWS
6. ALL WOOD REFERRED TO IN SPECIFICATIONS, INCLUDING PLYWOOD AND WOOD BLOCKING IS TO BE EXTERIOR GRADE AND FIRE RETARDANT TREATED .
7. AT PARTITIONS HIGHER THAN 12'-0" PROVIDE HORIZONTAL LATERAL BRACING WITH 1 1/2" 16GA. COLD ROLLED CHANNELS AT 8'-0" VERT. ANCHORED TO STUDS.
8. ALL CONSTRUCTION DESIGNATED TO BE SUPPORTED BY ROOF STRUCTURE SHALL BE SUPPORTED BY TOP CHORD OF STRUCTURAL JOISTS AND NOT FROM THE FLOOR DECK.
9. PARTITIONS SHALL BE CONTINUOUS OVER DOORS SAME AS ADJACENT WALLS (UNLESS NOTED OTHERWISE) WHERE DRYWALL CONTINUES ABOVE CEILING LEVEL AND ABOVE THE CEILING LEVEL UP TO THE STRUCTURE ABOVE. ALL GYPSUM BOARD RETURNS SHALL HAVE METAL CORNER BEADS MINIMUM FLOOR TO CEILING. ALL PENETRATIONS IN DRYWALL CONSTRUCTION ABOVE FINISHED CEILING AND AS NOTED ELSEWHERE SHALL BE EFFECTIVELY SEALED TO PREVENT SOUND LEAKAGE AND FIRE STOP CAULKED AT U.L. RATED PARTITIONS. ALL DRY-WALL JOINTS ABOVE FINISHED CEILING SHALL BE "FIRE TAPED." ALL MECHANICAL CHASES AND OTHER NOTED CHASES ARE TO EXTEND UP TO THE UNDERSIDE THE UNDERSIDE OF THE DECK STRUCTURE ABOVE. ALL PLUMBING CHASES UNLESS OTHERWISE NOTED SHALL EXTEND ABOVE THE HIGHEST ADJOINING CEILING AND BE BRACED TO STRUCTURE. ALL VERTICAL DIMENSIONS SHOWN ARE TO THE TOP OF THE SLAB, UNLESS NOTED OTHERWISE.
10. PATCH GYPSUM WALL BOARD AS REQUIRED FOR SMOOTH FINISH.
11. EXISTING FIRE RATED WALL PENETRATION FIRE CAULK AND TAPE AS REQUIRED TO MAINTAIN RATED ASSEMBLY.

STEEL STUDS DIMENSIONS AND GAUGE:

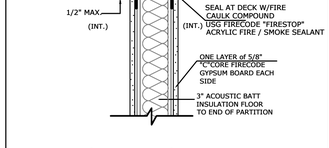
SIZE	GA.	TYPE	MAX. UNSUPPORTED HEIGHT 16" O.C.	MAX. UNSUPPORTED HEIGHT 24" O.C.
2 1/2"	25	ST	UP to 12'-6"	10'-9"
	22	ST	" " 13'-0"	11'-6"
	20	ST	" " 13'-10"	12'-0"
3 5/8"	25	ST	UP to 16'-0"	13'-6"
	22	ST	" " 17'-3"	15'-0"
	20	ST	" " 17'-11"	15'-7"
	20	SJ	" " 18'-6"	16'-9"
	18	SJ	" " 19'-3"	
	16	SJ	" " 20'-0"	
	14	SJ	" " 22'-0"	
6"	22	ST	UP to 25'-3"	22'0"
	20	ST	" " 26'-1"	22'-10"
	20	SJ	" " 26'-8"	23'-8"
	18	SJ	" " 28'-0"	
	16	SJ	" " 30'-0"	
	14	SJ	" " 32'-0"	

(1) BASED ON INTERIOR NONBEARING PARTITIONS WITH (1) LAYER OF GYP. BD. EA. SIDE. USE GAUGE, TYPE AS SCHEDULED UNLESS NOTED OTHERWISE ON DWGS.
(2) RUNNER TRACK GAUGE TO MATCH STUD.
(3) WALLS OVER 12'-0" HIGH TO BE LATERALLY BRACED VERTICAL WITH 1 1/2", 16 GA. COLD-ROLLED CHANNELS CLIP ANCHORED TO METAL STUDS.

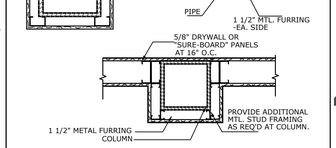


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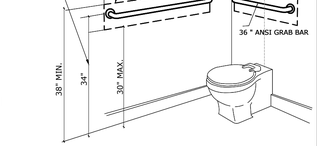
MULTIPLE CONDUIT PENETRATIONS TYP. DETAIL — 17 A6.01



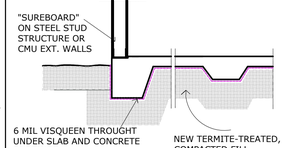
HEAD OF PARTITION - TYP. DETAIL 1 HOUR RATED WALL — 10 A6.01



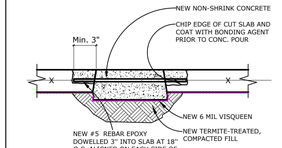
TYP. DET.- COLUMN AND PIPE FURRING — 11 A6.01



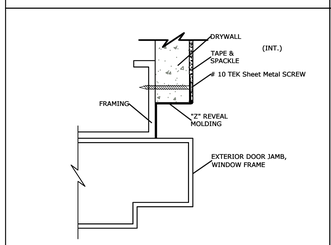
TYPICAL REINFORCING FOR GRAB BARS — 12 A6.01



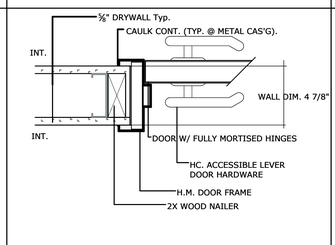
TYP. DET.- VISQUEEN UNDER CONC. SLAB — # A6.01



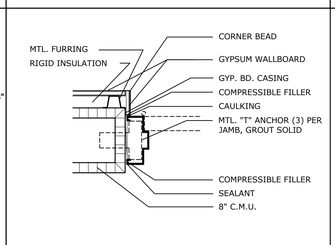
TYPICAL CUT SLAB REPAIR DETAIL — # A6.01



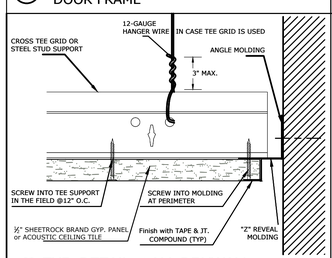
TYP. INTERIOR DETAIL AT EXTERIOR DOOR FRAME — 13 A6.01



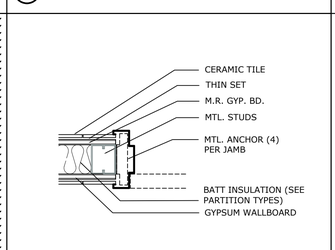
TYP. DET.- INTERIOR DOOR FRAME — 14 A6.01



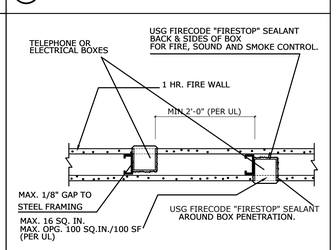
TYP. DET.- EXTERIOR DOOR FRAME on CMU — 15 A6.01



TYP. DETAIL at ALL DRYWALL SOFFITS AT WALL INTERSECTIONS — 19 A6.01

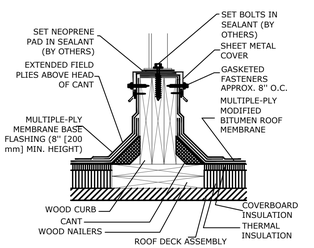


TYP. DET.- INT.WALL TILED FINISH — 21 A6.01

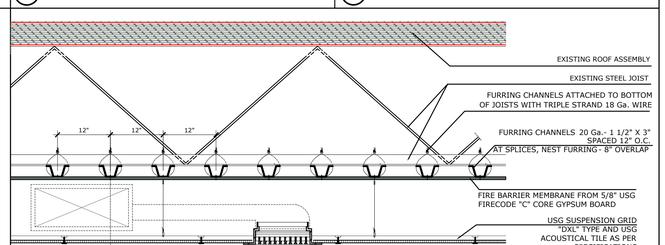


TYPICAL DETAIL - 1HR. RATED WALL ADJACENT ELECTRICAL BOXES — 23 A6.01

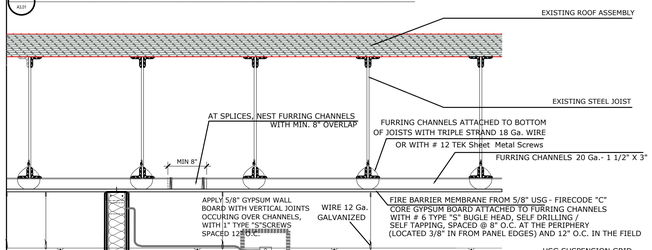
WIDTH OF EQUIPMENT	HEIGHT OF LEGS
UP TO 24"	24"
24" TO 48"	36"
48" AND WIDER	48"



TYP. DET.-EQUIPMENT SUPPORT CURB — 22 A6.01



TYP. DET.- 1 Hr. Fire rated MEMBRANE at STEEL JOIST — 17 A6.01



TYP. DET.- 1 Hr. Fire rated MEMBRANE at STEEL JOIST — 17 A6.01

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Project Name

CHI KEY WEST Medical Center RENOVATION

727 FORT STREET, KEY WEST, FL 33040

SIGN & SEAL

STATE OF FLORIDA — CRISTIAN OVIEDO BRIOU — AR94560 — REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

TYPICAL DETAILS 1

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
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Sheet #	**A3.05**
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.

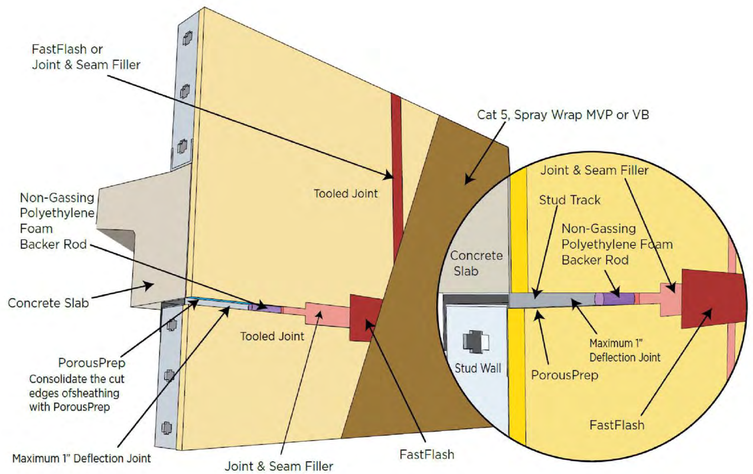
Apply **PorousPrep** over raw edge of sheathing board.

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.

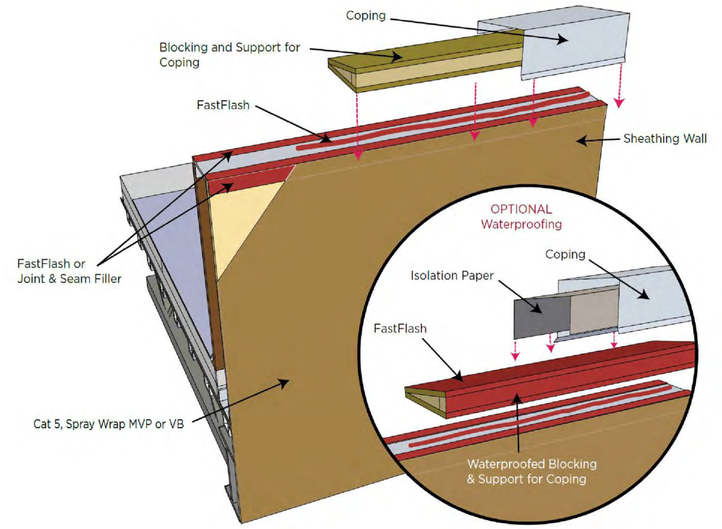


Consolidate and seal any raw, cut gypsum board edges by brushing or spraying on a thin uniform coat of **PorousPrep**.

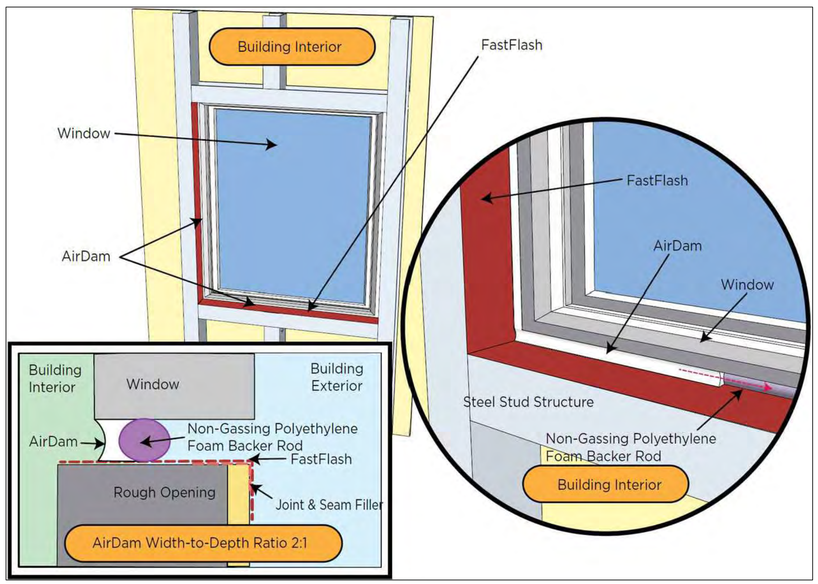
Along the top edge of the non-vented parapet, apply a bead of **FastFlash** or **Joint & Seam Filler** to the seams between the back of the sheathing and the structural member, and 1 inch over the vertical face on both sides of the parapet. Spread the wet product to create a seamless transition. Allow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

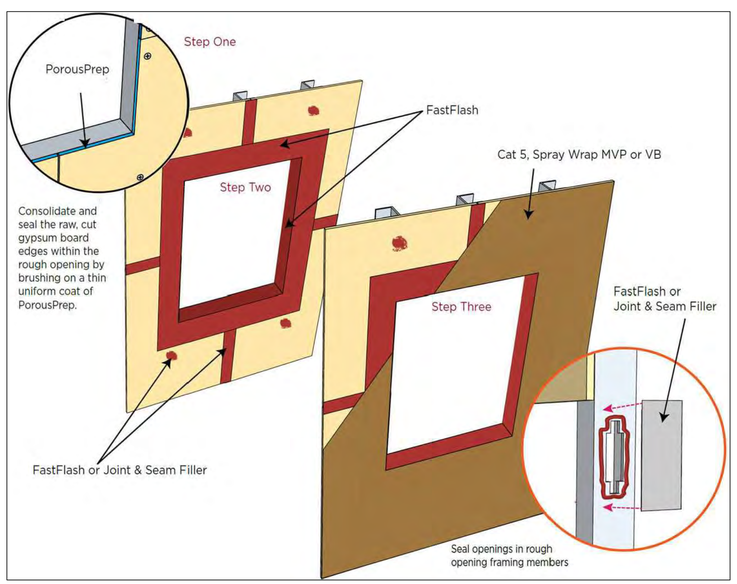
Apply a thick bead of **FastFlash** or **Joint & Seam Filler** down the center of the structural member. Wet-set the wood blocking. Mechanically fasten the wood blocking. Spot the head of all fasteners that penetrate the wood blocking. Allow to skin over.

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.



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





PROSOCO
R·Guard
AIR & WATER BARRIER

Spray Wrap MVP

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	11.69 lbs
ACTIVE CONTENT	no data
TOTAL SOLIDS	63–68%
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 ¼ inch. For gaps larger than ¼ 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 Temperatures

Surface and ambient air temperatures should be 25–100°F (-3°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 ¾ 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 ¼-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.

PROSOCO
R·Guard
AIR & WATER BARRIER

FastFlash®

Product Data Sheet
R-Guard FastFlash®

TYPICAL TECHNICAL DATA

FastFlash®

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's (ABAA) Acceptance Criteria for Liquid Applied Membranes nor is it a requirement of the International Code Council Evaluation Service's 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 WRB 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.

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.

Protect people, vehicles, property, plants and all other surfaces not intended to receive FastFlash®.

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 readied 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 Temperatures

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.

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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

SIGN & SEAL

STATE OF FLORIDA
CRISTIAN GAVRILESCU
94560
REGISTERED ARCHITECT

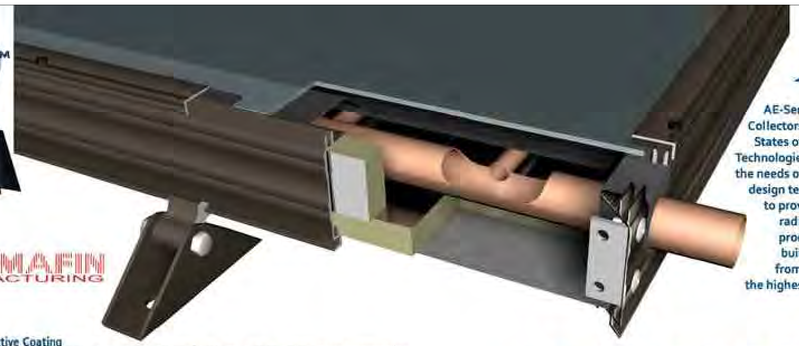
Registered Architect # AR 94560

Sheet title

WINDOWS AND DOORS OPENINGS WATERPROOFING DETAILS

Drawn by	N.P.
Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
Issue date	06.01.20
Sheet #	**A4.01**
Scale	NTS

CRYSTAL CLEAR™



THERMAFIN MANUFACTURING

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 1450 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.

SPECIFICATIONS	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 (ft²)	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
- Crystal Clear™ selective coatings
- Extruded aluminum frame and battens
- Thermax™ polyisocyanurate foam insulation
- Aircraft aluminum pin grip rivets
- 30+ year design life
- 10 year warranty
- Proudly made in the U.S.A.
- THERMAFIN ™ absorber plates
- Quick-lock mounting hardware







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

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

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)



SPECIFICATIONS	AE-21	AE-24	AE-26	AE-28	AE-32	AE-40
Collector						
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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.

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

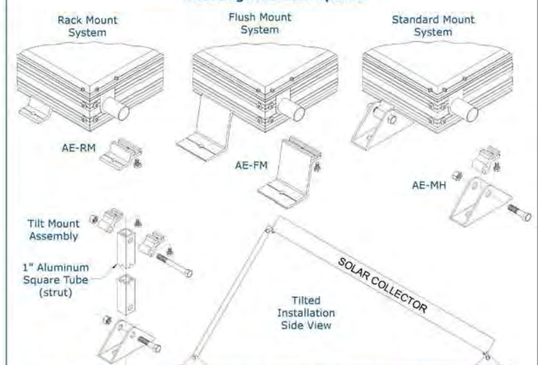
Bodycote Materials Testing Canada Inc.
Report No. 02-08-0513

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

Bundesforschungs - und Prüfzentrum Arsenal
ÖNORM M 7714 - Order No. M 4 015

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.

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727 FORT STREET, KEY WEST, FL 33040

SIGN & SEAL

STATE OF FLORIDA — CRISTIAN OLIVERI — 0094560 — REGISTERED ARCHITECT

Registered Architect # AR 94560

Sheet title

SOLAR WATER HEATER SPECIFICATIONS

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Checked by	E.P.
Project Number	269.20
Issued for	PERMIT
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Sheet #	A4.02
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