

CONSTRUCTION PLANS FOR CONCH REPUBLIC ROOF & WALL CLADDING REPLACEMENT ITB #21-003

SITE LOCATION



LOCATION MAP

CITY OF KEY WEST
ARTIBUS DESIGN TASK ORDER #2004

PROJECT LOCATION:
631 GREENE ST
KEY WEST, FL 33040

REV:	DESCRIPTION:	BY:	DATE:
	FINAL		



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3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
(305) 304-3512
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CA # 30835

CLIENT: CITY OF KEY WEST
ITB #21-003

PROJECT: CONCH REPUBLIC
ROOF & WALL
CLADDING REPLACEMENT

SITE: 631 GREENE ST
KEY WEST, FL 33040

TITLE: COVER

SCALE AT 24X36:	DATE:	DRAWN:	CHECKED:
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PROJECT NO:	DRAWING NO:	REVISION:	
2004-14	G-100	1	

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SIGNATURE:
DATE:
SEGE HABIBKADY
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO 71480

GENERAL REQUIREMENTS:

1. PRIOR TO STARTING ANY WORK THE CONTRACTOR SHALL REVIEW THESE PLANS AND SITE CONDITIONS AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.
2. THE ENGINEER IS NOT RESPONSIBLE FOR THE SUPERVISION OF THE CONTRACTOR NOR HIS EMPLOYEES DURING THE CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MEANS AND ESTABLISH METHODS OF THE CONSTRUCTION TO MEET REQUIREMENTS OF ALL APPLICABLE CODES, INDUSTRY STANDARDS AND REQUIREMENTS OF THESE PLANS.
3. QUALITY OF THE WORK SHALL MEET OR EXCEED INDUSTRY STANDARD PRACTICES.
4. ANY DEVIATIONS FROM THESE PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER.

DESIGN DATA:

1. APPLICABLE BUILDING CODE: FBC EXISTING BUILDING 6TH EDITION (2017)
2. APPLICABLE DESIGN LOADS: PER ASCE/SEI 7-10
DEAD LOAD: 20 PSF
ROOF LIVE LOAD: 20 PSF (300 LB CONC.)
BASIC WIND SPEED: 180 MPH
EXPOSURE: D
STRUCTURAL CATEGORY: II
FLOOD ZONE: 0.2X

ALL PRESSURES SHOWN ARE BASED ON ASD DESIGN, WITH A LOAD FACTOR OF 0.6

3. ASCE 24-14 FLOOD RESISTANT DESIGN AND CONSTRUCTION

SOILS AND FOUNDATIONS:

PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS ARE USED IN LIEU OF A COMPLETE GEOTECHNICAL EXPLORATION. FOUNDATIONS SHALL BE PLACED ON A "SEDIMENTARY AND FOLIATED ROCK" WITH AN ALLOWABLE LOAD BEARING PRESSURE OF 3,000 PSF. NOTIFY THE ENGINEER IF SOIL CONDITIONS ARE DIFFERENT.

1. ALL FOUNDATIONS, SLABS AND FOOTERS SHALL BE PLACED ON STABILIZED UNDISTURBED SUBGRADE SOIL.
2. MINIMUM FOUNDATION DEPTH SHALL BE 24" UNLESS OTHERWISE IS SPECIFIED ON THE PLANS. IF OVER-EXCAVATED - FILL SHALL NOT BE PLACED BACK INTO THE TRENCH UNLESS APPROVED BY THE ENGINEER.
3. FILL UNDER THE FOUNDATIONS SHALL BE USED ONLY IF APPROVED BY THE ENGINEER. CLEAN FILL MATERIAL SHALL BE PLACED IN 6"-8" LAYERS AND COMPACTED TO 98% DENSITY USING THE MODIFIED PROCTOR TEST.
4. FILL MATERIAL SHALL BE CLEAN GRANULAR SAND OR LIMEROCK MIX WITHOUT ANY ORGANIC MATERIALS, CLAY, MUCK AND ROCKS LARGER THAN 4". BACKFILL SHALL NOT CONTAIN ANY WOOD OR CELLULOSE DEBRIS.

AUGERCAST PILES

1. AUGERCAST PILES SHALL BE 16" DIAMETER WITH MINIMUM EMBEDMENT OF 3FT INTO THE CAP ROCK UNLESS OTHERWISE SHOWN ON THE PLANS.
2. CONCRETE FOR PILES SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 5000 PSI. WATER/CEMENT RATIO SHALL NOT EXCEED W/C=0.40.
3. REINFORCEMENT SHALL BE FOUR (4) #5 REBAR VERTICALLY WITH #3 STIRRUPS AT 12" O.C. CONTRACTOR SHALL USE PLASTIC CHARS OR CENTRALIZERS TO PROVIDE A 3" COVER ON ALL SIDES OF THE REINFORCEMENT.

CONCRETE:

1. APPLICABLE CODE ACI 318 LATEST EDITION AND ACI 301.
2. ALL CONCRETE ELEMENTS SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE IS SHOWN ON THE PLANS. WATER/CEMENT RATIO SHALL NOT EXCEED W/C=0.40.
3. ALL CAST-IN-PLACE CONCRETE SHALL BE CURED AND PROTECTED FROM OVERDRYING PER ACI 305R-10 "HOT WEATHER CONCRETING".
4. ALL EXPOSED EDGES SHALL HAVE 1/2" CHAMFERS.
5. NO COLD JOINTS ARE ALLOWED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. TESTING: ALL FIELD AND LABORATORY TESTING SHALL BE PERFORMED BY AN INDEPENDENT SPECIALIZED COMPANY.

THE CONTRACTOR IS RESPONSIBLE FOR ALL SCHEDULING, COORDINATION AND COST OF THE TESTING COMPANY.

THREE (3) SAMPLES SHALL BE TAKEN AND TESTED EACH TIME.

MINIMUM SAMPLING FREQUENCY:

- A) EACH DAY OF CONCRETING FOR EVERY CONCRETE MIX;
- B) EVERY 50 CUBIC YARDS;
- C) EVERY 2000 SQ.FT. OF SLAB AREA.

ALL TESTING SHALL BE PER LATEST ACI AND ASTM REQUIREMENTS.

LABORATORY SHALL SUPPLY THREE (3) ORIGINAL SIGNED&SEALED REPORT RESULTS TO THE ENGINEER.

7. CAST-IN-PLACE AND PRECAST MEMBER ERECTION TOLERANCES SHALL BE AS SPECIFIED IN THE TABLE B.2.2 OR IN SECTION B.3 OF "PCI DESIGN HANDBOOK/SIXTH EDITION".

REINFORCEMENT:

1. ALL REBAR SHALL BE DEFORMED CARBON-STEEL ASTM A615/A615M-13 GRADE 60 UNLESS OTHERWISE SPECIFIED ON THE PLANS.
* ADD ALTERNATE REINFORCEMENT OPTION: ASTM A1035 GRADE 100 (MMFX2) AS CORROSION RESISTANT ALTERNATIVE FOR ALL REINFORCEMENT.
2. ALL REQUIREMENTS FOR PLACEMENT, COVER, TOLERANCES, ETC. SHALL BE PER ACI 318-11.
3. ALL HOOKS AND BENDS SHALL BE FACTORY MADE UNLESS FIELD BENDS ARE APPROVED BY THE ENGINEER.
4. ONLY PLASTIC CHAIRS AND CENTRALIZERS SHALL BE USED FOR REBAR SUPPORT.

ALUMINUM COMPONENTS:

1. TYPE 6061-T6 ALUMINUM.
2. MIG WELD ALL JOINTS W/ CONTINUOUS 1/8" WELD. USE 5356 FILLER WIRE ALLOY.
3. ALL ALUMINUM IN CONTACT WITH CONCRETE, PT WOOD, DISSIMILAR METALS AND OTHER CORROSIVE MATERIALS SHALL COATED WITH COAL-TAR EPOXY OR PROTECTED BY OTHER ENGINEER APPROVED METHOD.

HARDWARE:

1. HARDWARE SHALL BE 304 STAINLESS STEEL OR BETTER OR ZMAX GALVANIZED FOR NON EXPOSED SIMPSON PRODUCTS, UNLESS OTHERWISE SPECIFIED.

STRUCTURAL LUMBER:

1. ALL WOOD MEMBERS SHALL MEET OR EXCEED REQUIREMENTS SPECIFIED IN "ANSI/AF&PA NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION" AND ALL REFERENCED STANDARDS.
2. ALL WOOD MEMBERS SHALL BE PRESSURE TREATED SOUTHER PINE NO2 OR GREATER KILN DRIED AS SPECIFIED IN THE STANDARDS, UNLESS OTHERWISE SPECIFIED.
3. ALL WOOD MEMBERS EXPOSED TO EXTERIOR, IN DIRECT CONTACT WITH CONCRETE OR STEEL SHALL BE PRESSURE-TREATED (PT) UC3B GRADE PER AWPA STANDARDS.
4. ALL FIELD CUTS IN PT LUMBER SHALL BE TREATED ON SITE.
5. NAILING SHALL BE IN ACCORDANCE WITH FBC 6TH EDITION (2017). NAILS AND OTHER FASTENERS FOR PT WOOD SHALL BE STAINLESS STEEL OR ACQ APPROVED TREATED.
6. SHEATHING SHALL BE 19/32" CDX PLYWOOD SHEATHING GRADE, UNLESS OTHERWISE IS SPECIFIED ON THE PLANS. USE 8D RING-SHANK NAILS WITH SPACING OF 4" O.C. ON ALL EDGES AND 6" O.C. IN THE FIELD.

STRUCTURAL STEEL:

1. STRUCTURAL STEEL COMPONENTS SHALL BE AS DESCRIBED IN "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" AISC 2005 OR LATER EDITION.
2. HSS SHAPES (STRUCTURAL TUBING) SHALL BE ASTM A500 (FY=46 KSI).
3. STEEL PLATES, FLANGES AND MISCELLANEOUS ELEMENTS SHALL BE ASTM A36 (FY=36 KSI) UNLESS NOTED OTHERWISE ON THE PLANS.
4. W-SHAPES, C-SHAPES AND OTHER FORMED STEEL SHALL BE ASTM A992 (FY=50 KSI).
5. ALL WELDING SHALL BE IN CONFORMANCE WITH THE LATEST SPECIFICATIONS AWS D1.1/D1.1M:2010, STRUCTURAL WELDING CODE - STEEL.

STRUCTURAL STEEL COATING:

1. ALL SURFACES SHALL BE ABRASIVE BLAST CLEANED TO NEAR-WHITE METAL (PER SSPC-SP10) EXPOSED STEEL:
 2. ALL SURFACES SHALL BE PRIMED WITH POLYAMIDE EPOXY - ONE COAT (8.0 MILS DFT).
 3. APPLY SEALANT AT ALL LOCATIONS WHERE STEEL IS WELDED, LAPPED, ETC. SEALANT MATERIAL SHALL BE COMPATIBLE WITH THE PAINTING SYSTEM.
 4. TOP LAYER SHALL BE TWO (2) COAT POLYURETHANE (3.0 MILS DFT EACH).
 5. TOP PAINT SHALL BE UV RESISTANT OR HAVE A UV RESISTANT COATING.
 6. COLORS SHALL MATCH EXISTING OR TO BE SELECTED BY THE OWNER.
- NON-EXPOSED STEEL (INTERIOR):
7. 2 COATS OF "SUMTER COATINGS" UNIVERSAL PRIMER (6.0 MILS DFT) OR APPROVED EQUAL.

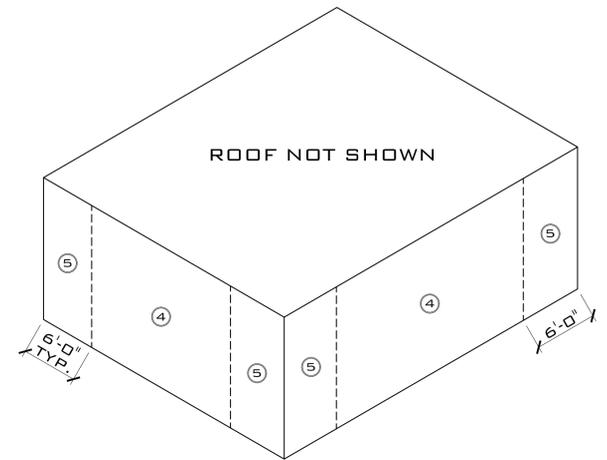
REINFORCED MASONRY (CMU):

1. ALL MASONRY SHALL BE REINFORCED CONCRETE MASONRY UNIT IN ACCORDANCE WITH THE LATEST EDITION OF ACI 530/ASCE 5/TMS 402.
2. INSTALL ALL BLOCKS IN RUNNING BOND.
3. MINIMUM MASONRY BLOCK (ASTM C90) STRENGTH SHALL (F_m) BE 2000 PSI.
4. TYPE "S" MORTAR (ASTM C270) SHALL BE USED USING 3/8" FULL BEDDING REINFORCED W/ 9 GAGE GALVANIZED LADDER WIRE EVERY 2ND ROW.
5. FILLED CELLS SHALL BE REINFORCED WITH #5 REBARS @ 24" O.C. (UNLESS OTHERWISE IS SPECIFIED ON THE PLANS).
6. GROUT SHALL BE PEA ROCK PUMP MIX (ASTM C476) WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI (28 DAY) (ASTM C1019). TARGETED SLUMP SHALL BE 8"-11".
6. EACH GROUTED CELL SHALL HAVE CLEANOUT OPENINGS AT THE BOTTOM. THERE SHALL BE NO LOOSE MORTAR OR OTHER DEBRIS IN THE BOTTOM OF THE CELL. USE BLAST PRESSURE WASHING FOR SURFACE PREPARATION.

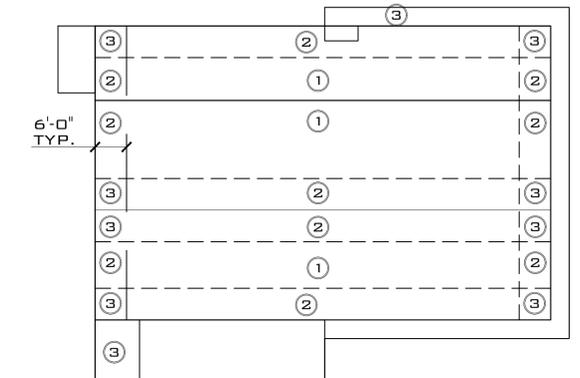
GALVANIZATION, COATING AND REPAIR:

ALL NEW STEEL ELEMENTS INTRODUCED SHALL BE GALVANIZED PER NOTES BELOW, UNLESS STAINLESS STEEL IS CALLED OUT ON THE DETAILS.

1. HOT ROLLED STEEL SHALL BE HOT-DIP GALVANIZED PER ASTM A123
2. STEEL NUTS AND WASHERS SHALL BE GALVANIZED PER ASTM F232
3. COLD-FORMED STEEL MEMBERS SHALL BE GALVANIZED WITH G90 GRADE AS PER ASTM A653
4. REFER TO "SECTION 560: COATING NEW STRUCTURAL STEEL", "SECTION 561: COATING EXISTING STRUCTURAL STEEL" AND "SECTION 562: REPAIR FOR GALVANIZED SURFACES" UNDER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION BY FLORIDA DEPARTMENT OF TRANSPORTATION (LATEST EDITION)



WALLS WIND PRESSURES DIAGRAM
SCALE: NTS



ROOF WIND PRESSURES DIAGRAM
SCALE: NTS

ENCLOSED - BUILDING					
WIND PRESSURE ON COMPONENTS AND CLADDING (CH 30 PART 1)					
DESCRIPTION	WIDTH, FT	SPAN, FT	AREA, FT ²	MAX P, PSF	MIN P, PSF
ZONE 1	1	1	1	+21.27	-52.28
ZONE 2	1	1	1	+21.27	-87.73
ZONE 3	1	1	1	+21.27	-132.04
ZONE 4	1	1	1	+47.85	-51.84
ZONE 5	1	1	1	+47.85	-63.80

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STATUS:		FINAL	



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CA # 30835

CLIENT: **CITY OF KEY WEST**
ITB #21-003

PROJECT: **CONCH REPUBLIC ROOF & WALL CLADDING REPLACEMENT**

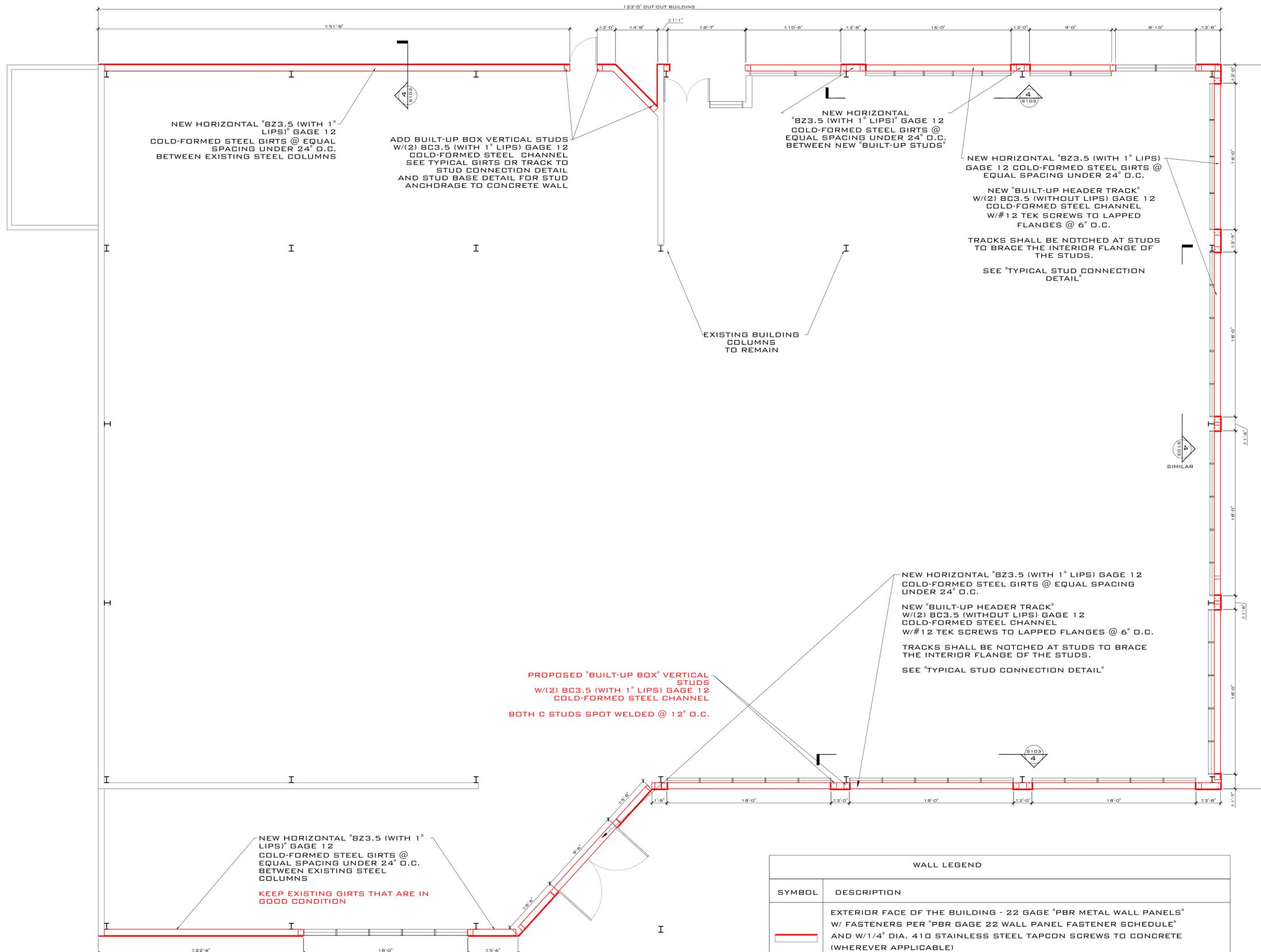
SITE: **631 GREENE ST
KEY WEST, FL 33040**

TITLE: **NOTES**

SCALE AT 24X36:	DATE:	DRAWN:	CHECKED:
AS SHOWN	10/06/20	PRS	SAM
PROJECT NO:	DRAWING NO:	REVISION:	
2004-14	G-101	1	

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DATE: _____
BEGIE HABIBKANDY
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO 07480



PROPOSED WALL CLADDING REPAIRS PLAN
 SCALE: 3/16" = 1'-0"

PBR GAGE 22 WALL PANEL FASTENER SCHEDULE

LOCATION	#14 TEK SCREWS (AT END SUPPORTS)	#14 TEK SCREWS (AT INTERMEDIATE SUPPORTS)	#12 TEK SCREWS (SIDELAP)
ZONE 4	6 PER PANEL	3 PER PANEL	12' O.C. MAX
ZONE 5	6 PER PANEL	6 PER PANEL	12' O.C. MAX

NOTE: ALL SCREWS SHALL BE STAINLESS STEEL HEX-HEAD SELF-TAPPING DRILL-POINT SCREWS W/ UV-RESISTANT EPDM GASKET

WALL LEGEND

SYMBOL	DESCRIPTION
	EXTERIOR FACE OF THE BUILDING - 22 GAGE "PBR METAL WALL PANELS" W/ FASTENERS PER "PBR GAGE 22 WALL PANEL FASTENER SCHEDULE" AND W/ 1/4" DIA. 410 STAINLESS STEEL TAPCON SCREWS TO CONCRETE (WHEREVER APPLICABLE)

- WALL CLADDING FRAMING NOTES:**
- ALL STEEL SHALL BE GALVANIZED
SEE NOTES ON G101 FOR GALVANIZATION SPECIFICATIONS.
 - ALL TRIMS SUCH AS CORNER TRIM AND TRIMS OVER OPENINGS, FLASHING AND ACCESSORIES TO BE PROVIDED BY METAL PANEL SUPPLIER.
 - SEE MIAMI-DADE NOA NO. 17-0920.04 FOR PBR WALL PANEL ATTACHMENT AND TRIM DETAILS. (OR ENGINEER APPROVED EQUAL)

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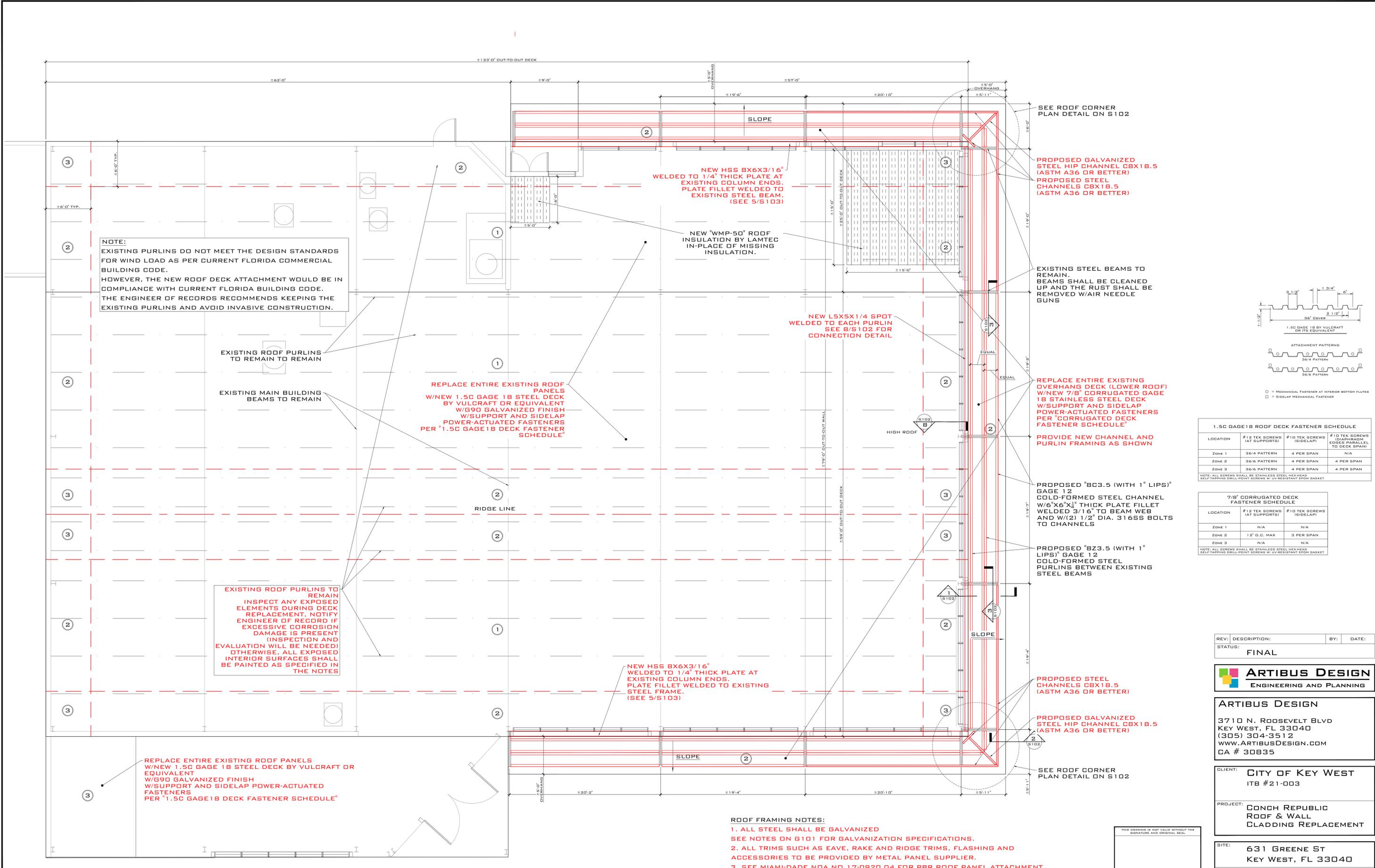
TITLE: **PROPOSED WALL CLADDING PLAN**

SCALE AT 24x36: AS SHOWN	DATE: 10/06/20	DRAWN: PRS	CHECKED: SAM
PROJECT NO: 2004-14	DRAWING NO: S-100	REVISION: 1	

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BENNE MARHTAKO
 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 71480



NOTE:
 EXISTING PURLINS DO NOT MEET THE DESIGN STANDARDS FOR WIND LOAD AS PER CURRENT FLORIDA COMMERCIAL BUILDING CODE. HOWEVER, THE NEW ROOF DECK ATTACHMENT WOULD BE IN COMPLIANCE WITH CURRENT FLORIDA BUILDING CODE. THE ENGINEER OF RECORDS RECOMMENDS KEEPING THE EXISTING PURLINS AND AVOID INVASIVE CONSTRUCTION.

EXISTING ROOF PURLINS TO REMAIN
 EXISTING MAIN BUILDING BEAMS TO REMAIN

REPLACE ENTIRE EXISTING ROOF PANELS W/NEW 1.5C GAGE 18 STEEL DECK BY VULCRAFT OR EQUIVALENT W/G90 GALVANIZED FINISH W/SUPPORT AND SIDELAP POWER-ACTUATED FASTENERS PER "1.5C GAGE 18 DECK FASTENER SCHEDULE"

EXISTING ROOF PURLINS TO REMAIN INSPECT ANY EXPOSED ELEMENTS DURING DECK REPLACEMENT. NOTIFY ENGINEER OF RECORD IF EXCESSIVE CORROSION DAMAGE IS PRESENT (INSPECTION AND EVALUATION WILL BE NEEDED) OTHERWISE, ALL EXPOSED INTERIOR SURFACES SHALL BE PAINTED AS SPECIFIED IN THE NOTES

REPLACE ENTIRE EXISTING ROOF PANELS W/NEW 1.5C GAGE 18 STEEL DECK BY VULCRAFT OR EQUIVALENT W/G90 GALVANIZED FINISH W/SUPPORT AND SIDELAP POWER-ACTUATED FASTENERS PER "1.5C GAGE 18 DECK FASTENER SCHEDULE"

NEW HSS 8X6X3/16" WELDED TO 1/4" THICK PLATE AT EXISTING COLUMN ENDS. PLATE FILLET WELDED TO EXISTING STEEL BEAM. (SEE 5/S103)

NEW "WMP-50" ROOF INSULATION BY LAMTEC IN-PLACE OF MISSING INSULATION.

NEW L5X5X1/4" SPOT WELDED TO EACH PURLIN SEE 8/S102 FOR CONNECTION DETAIL

NEW HSS 8X6X3/16" WELDED TO 1/4" THICK PLATE AT EXISTING COLUMN ENDS. PLATE FILLET WELDED TO EXISTING STEEL BEAM. (SEE 5/S103)

SEE ROOF CORNER PLAN DETAIL ON 5102

PROPOSED GALVANIZED STEEL HIP CHANNEL CBX18.5 (ASTM A36 OR BETTER)
 PROPOSED STEEL CHANNELS CBX18.5 (ASTM A36 OR BETTER)

EXISTING STEEL BEAMS TO REMAIN. BEAMS SHALL BE CLEANED UP AND THE RUST SHALL BE REMOVED W/AIR NEEDLE GUNS

REPLACE ENTIRE EXISTING OVERHANG DECK (LOWER ROOF) W/NEW 7/8" CORRUGATED GAGE 18 STAINLESS STEEL DECK W/SUPPORT AND SIDELAP POWER-ACTUATED FASTENERS PER "CORRUGATED DECK FASTENER SCHEDULE"

PROVIDE NEW CHANNEL AND PURLIN FRAMING AS SHOWN

PROPOSED "8C3.5 (WITH 1" LIPS)" GAGE 12 COLD-FORMED STEEL CHANNEL W/6"x6"x1/2" THICK PLATE FILLET WELDED 3/16" TO BEAM WEB AND W/(2) 1/2" DIA. 316SS BOLTS TO CHANNELS

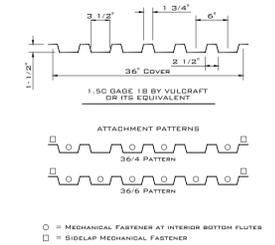
PROPOSED "8Z3.5 (WITH 1" LIPS)" GAGE 12 COLD-FORMED STEEL PURLINS BETWEEN EXISTING STEEL BEAMS

PROPOSED STEEL CHANNELS CBX18.5 (ASTM A36 OR BETTER)

PROPOSED GALVANIZED STEEL HIP CHANNEL CBX18.5 (ASTM A36 OR BETTER)

SEE ROOF CORNER PLAN DETAIL ON 5102

- ROOF FRAMING NOTES:**
1. ALL STEEL SHALL BE GALVANIZED SEE NOTES ON 6101 FOR GALVANIZATION SPECIFICATIONS.
 2. ALL TRIMS SUCH AS EAVE, RAKE AND RIDGE TRIMS, FLASHING AND ACCESSORIES TO BE PROVIDED BY METAL PANEL SUPPLIER.
 3. SEE MIAMI-DADE NOA NO. 17-0920.04 FOR PBR ROOF PANEL ATTACHMENT AND TRIM DETAILS.



1.5C GAGE 18 ROOF DECK FASTENER SCHEDULE			
LOCATION	#12 TEK SCREWS (AT SUPPORTS)	#10 TEK SCREWS (SIDELAP)	#10 TEK SCREWS (DIAPHRAGM EDGES PARALLEL TO DECK SPAN)
ZONE 1	36/4 PATTERN	4 PER SPAN	N/A
ZONE 2	36/6 PATTERN	4 PER SPAN	4 PER SPAN
ZONE 3	36/6 PATTERN	4 PER SPAN	4 PER SPAN

NOTE: ALL SCREWS SHALL BE STAINLESS STEEL HEX HEAD SELF-TAPPING DRILL POINT SCREWS W/UV-RESISTANT EPDM GASKET

7/8" CORRUGATED DECK FASTENER SCHEDULE		
LOCATION	#12 TEK SCREWS (AT SUPPORTS)	#10 TEK SCREWS (SIDELAP)
ZONE 1	N/A	N/A
ZONE 2	12" O.C. MAX	3 PER SPAN
ZONE 3	N/A	N/A

NOTE: ALL SCREWS SHALL BE STAINLESS STEEL HEX HEAD SELF-TAPPING DRILL POINT SCREWS W/UV-RESISTANT EPDM GASKET

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SITE: **631 GREENE ST
 KEY WEST, FL 33040**

TITLE: **PROPOSED ROOF FRAMING PLAN**

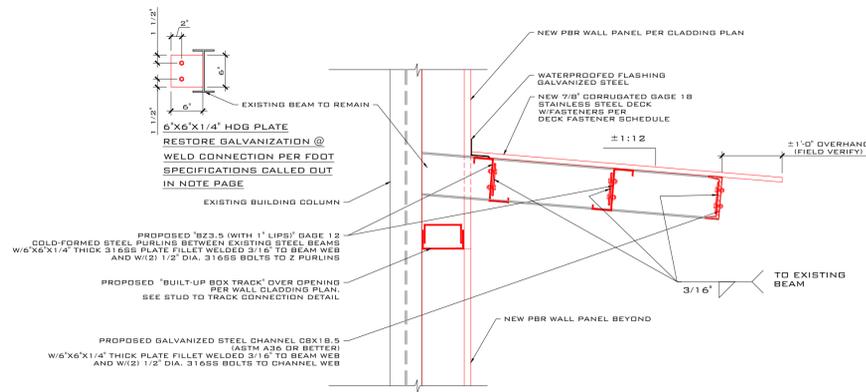
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PROPOSED ROOF FRAMING PLAN
 SCALE: 3/16" = 1'-0"

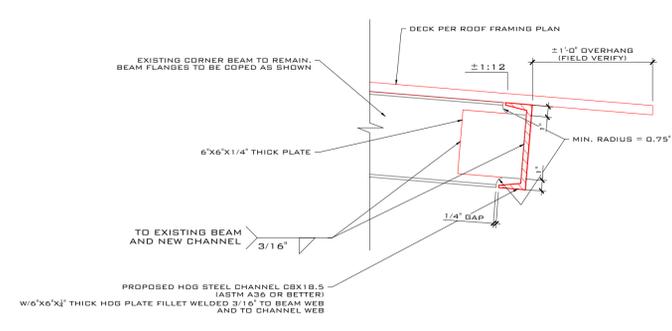
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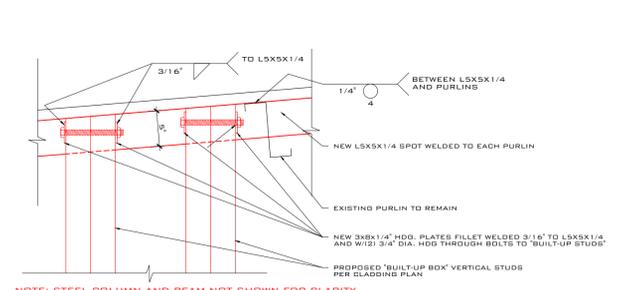
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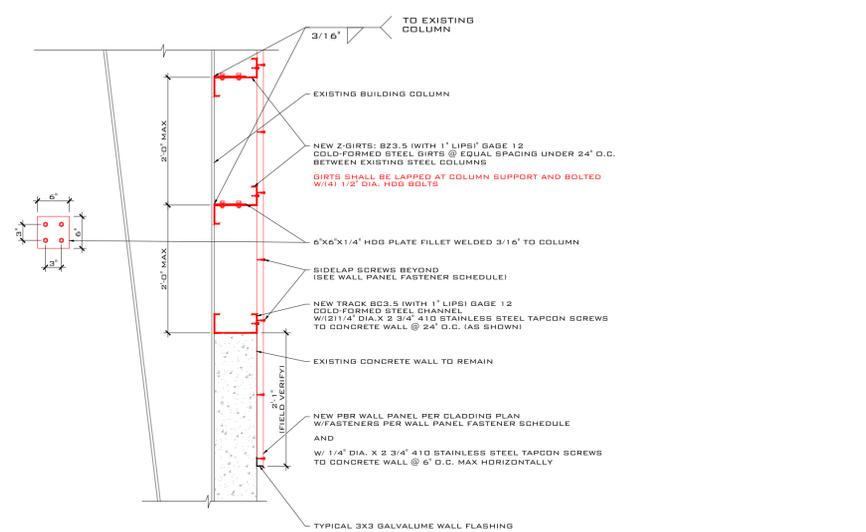
SECTION 1-1: CHANNEL TO BEAM CONNECTION
SCALE: 3/4" = 1'-0"



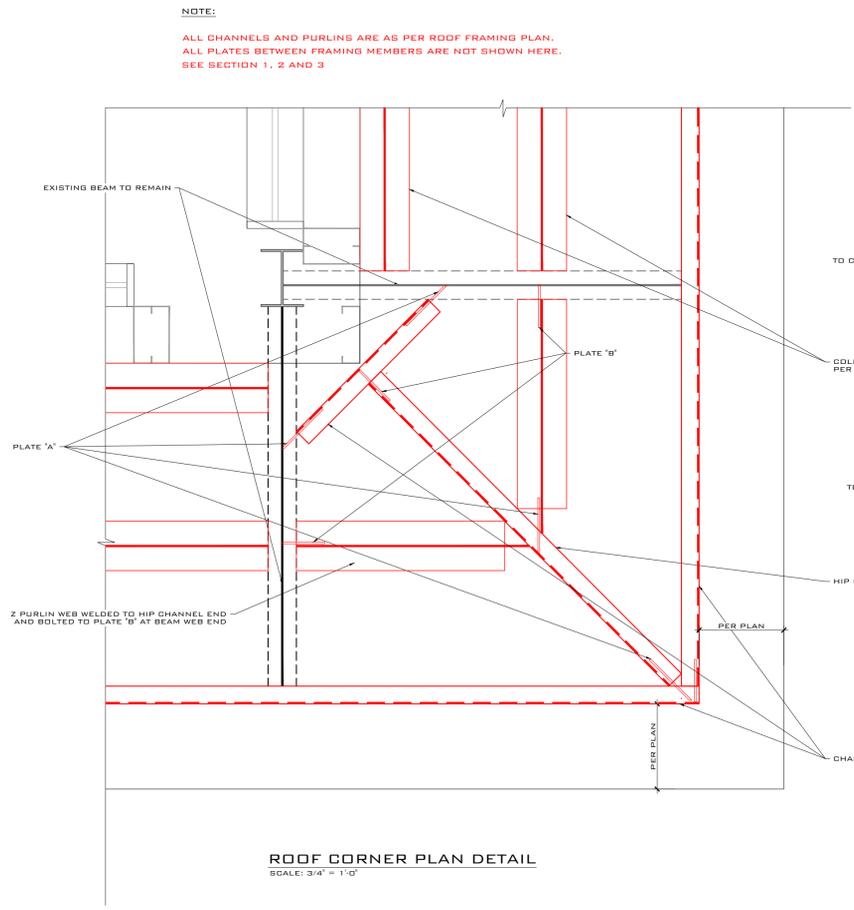
SECTION 2-2: CHANNEL TO CORNER BEAM CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"



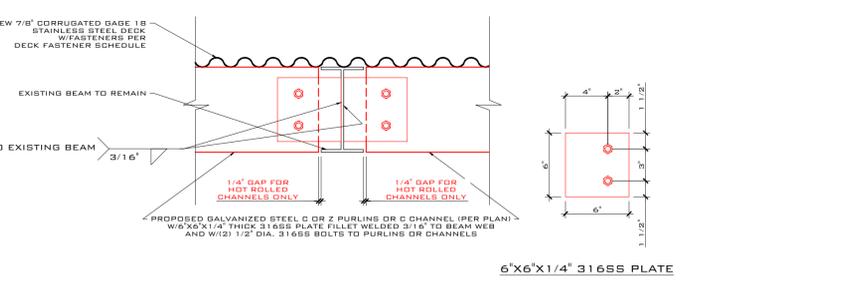
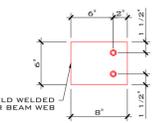
FRONT VIEW



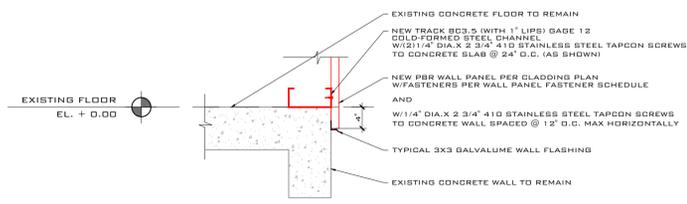
SECTION 4-4: TYPICAL GIRT TO STEEL COLUMN CONNECTION
SCALE: 3/4" = 1'-0"



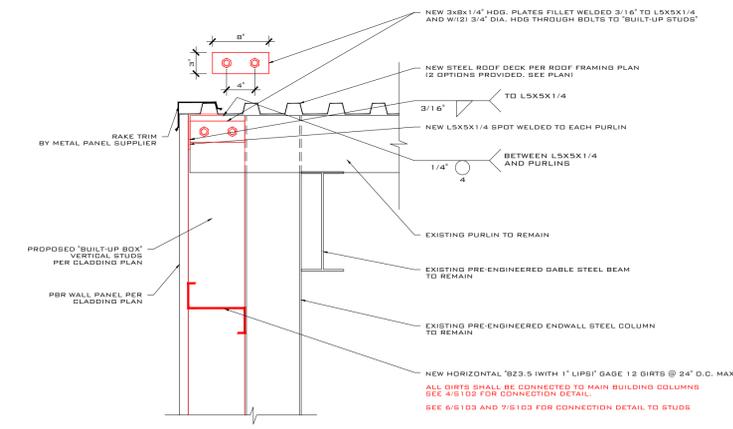
ROOF CORNER PLAN DETAIL
SCALE: 3/4" = 1'-0"



SECTION 3-3: TYPICAL CHANNEL OR PURLIN TO BEAM CONNECTION
SCALE: 1 1/2" = 1'-0"



TYPICAL WALL PANEL BASE DETAIL
SCALE: 3/4" = 1'-0"



SECTION 8-8: STUD TO GABLE END ANGLE CONNECTION
SCALE: 1" = 1'-0"

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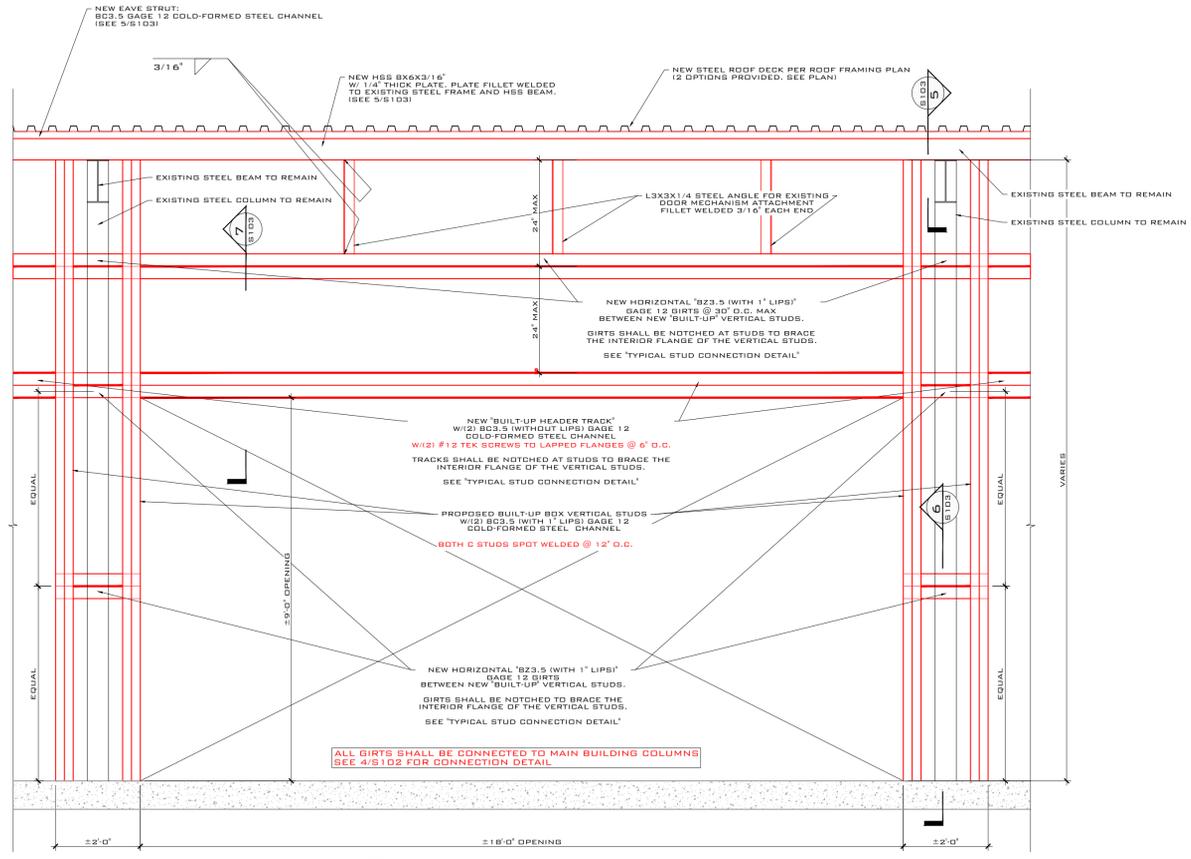
SITE: **631 GREENE ST**
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TITLE: **SECTIONS AND DETAILS**

SCALE AT 24X36:	DATE:	DRAWN:	CHECKED:
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PROJECT NO:	DRAWING NO:	REVISION:	
2004-14	S-102	1	

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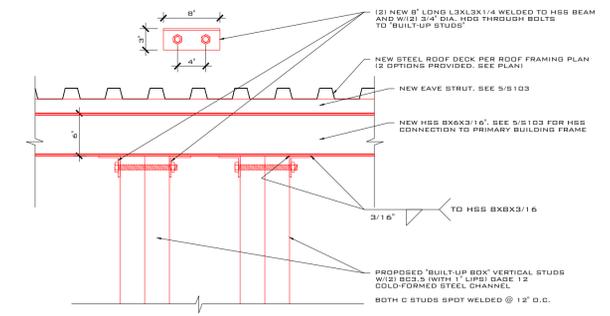
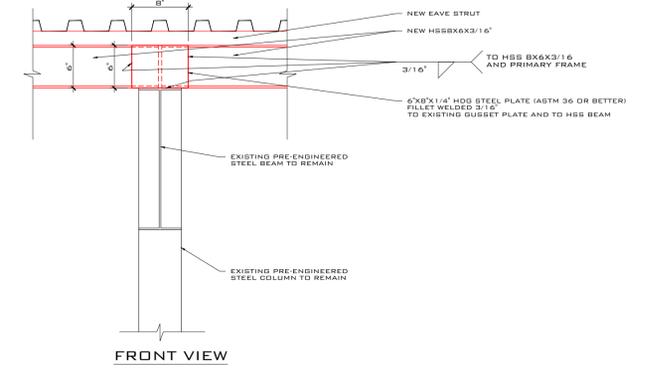
SIGNATURE: _____
DATE: _____
SERIE MARIKADY
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO. 07480



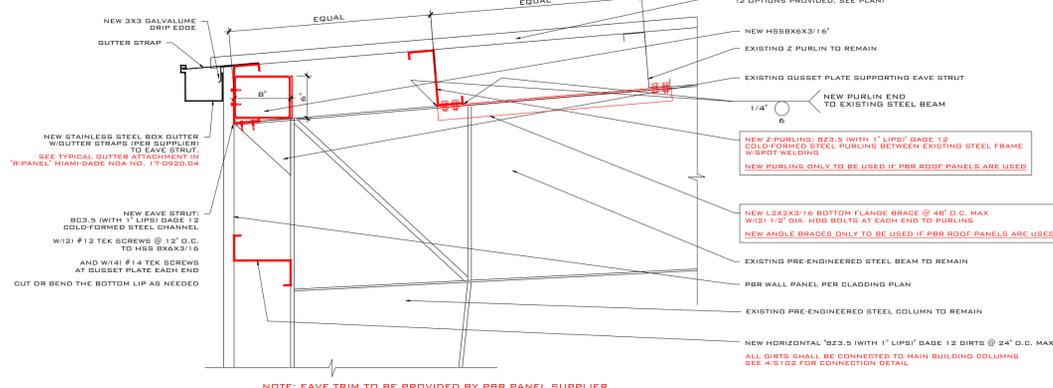
NOTE:
ALL STEEL SHALL BE GALVANIZED
SEE NOTES ON 6101 FOR GALVANIZATION SPECIFICATIONS.

EXISTING GARAGE DOORS AND WINDOWS BETWEEN VERTICAL JAMBS
(STUDS) SHALL BE REATTACHED TO NEW STUDS AND HEADER TRACK

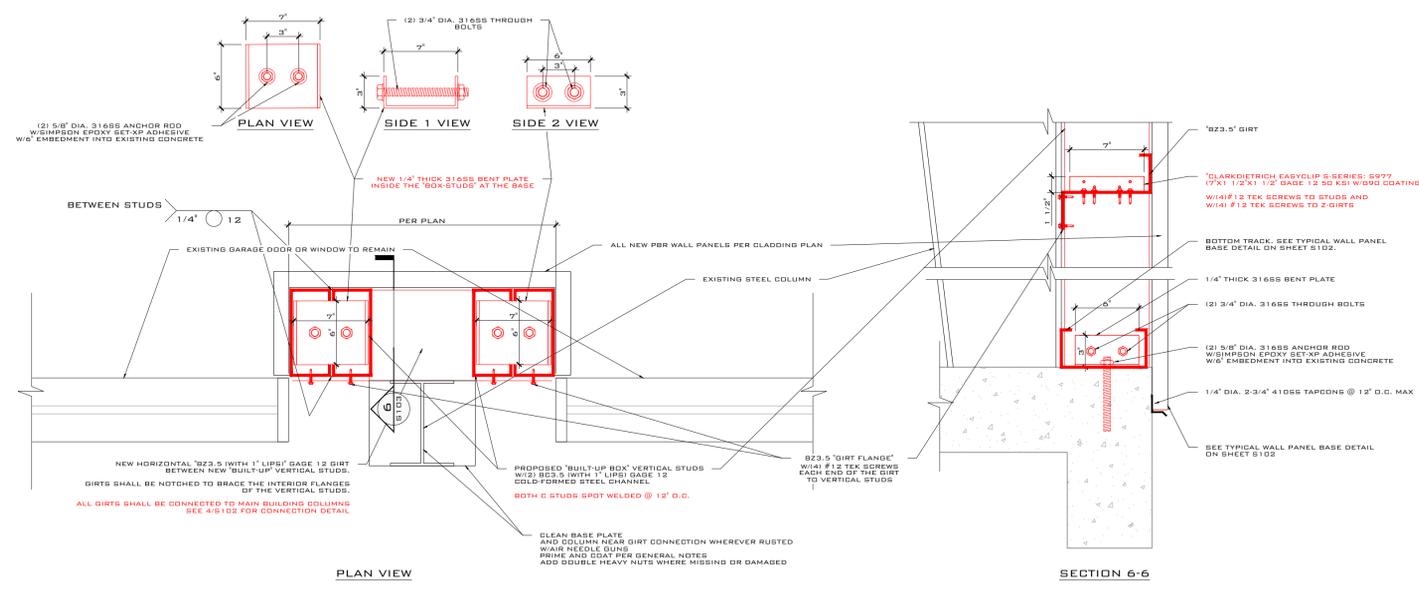
SECTION 4-4: TYPICAL WALL VIEW AT LARGE OPENINGS
SCALE: 1/2" = 1'-0"



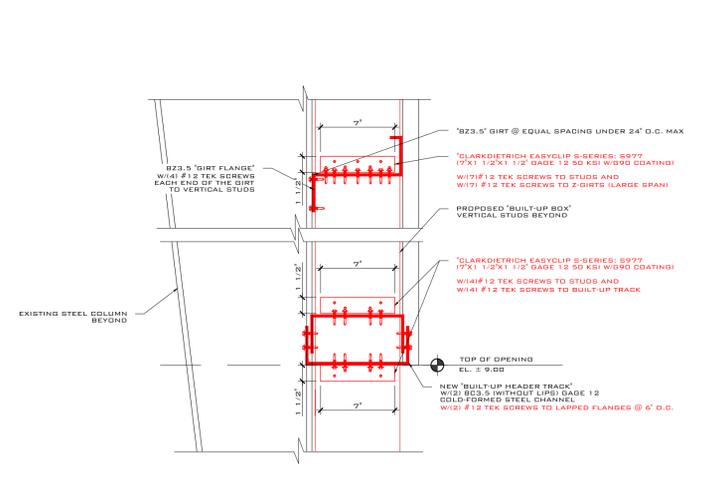
STEEL STUDS TO HSS BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"



SECTION 5-5: HSS BEAM TO PRIMARY FRAME CONNECTION
SCALE: 1" = 1'-0"



TYPICAL STUD CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



SECTION 7-7: STUD TO TRACK CONNECTION DETAIL AT OPENINGS
SCALE: 1/2" = 1'-0"

REV: DESCRIPTION:	BY:	DATE:
STATUS:		
FINAL		



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3710 N. ROOSEVELT BLVD
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CLIENT: CITY OF KEY WEST
ITB #21-003

PROJECT: CONCH REPUBLIC
ROOF & WALL
CLADDING REPLACEMENT

SITE: 631 GREENE ST
KEY WEST, FL 33040

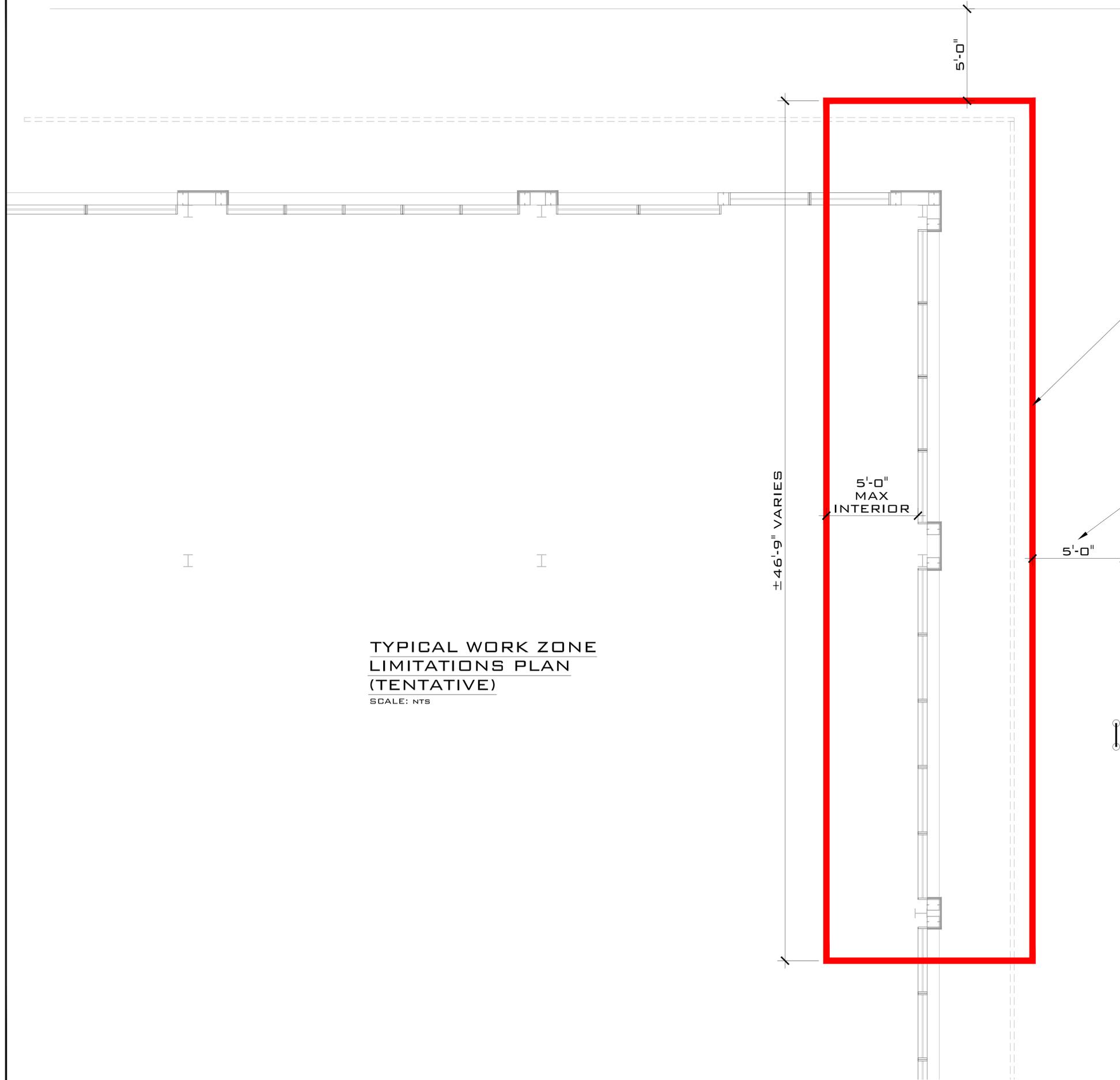
TITLE: SECTIONS AND DETAILS

SCALE AT 24X36:	DATE:	DRAWN:	CHECKED:
AS SHOWN	10/06/20	PRS	SAM
PROJECT NO:	DRAWING NO:	REVISION:	
2004-14	S-103	1	

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DATE:

BERNIE MARSHAKOVY
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO. 77480



PROPOSED LIMITS OF WORK ZONE
 2X FRAMED PARTITION 6FT MIN ON
 EXTERIOR, FULL HEIGHT ON INTERIOR
 1/2" PLYWOOD SMOOTH FINISH EXPOSED
 TO PUBLIC FOR FIRST 6FT
 OPAQUE PLASTIC SHEETS ABOVE ON
 INTERIOR ACCEPTABLE

5FT CLEAR BOARDWALK
 OPEN TO PUBLIC

EXISTING EDGE OF SEAWALL

REMOVE AND REINSTALL
 LATER ANY CLEATS WITHIN
 10FT FROM WORK ZONE
 (TO IMPROVE SAFE PUBLIC
 TRANSIT)

TYPICAL WORK ZONE
 LIMITATIONS PLAN
 (TENTATIVE)
 SCALE: NTS

REV:	DESCRIPTION:	BY:	DATE:
	FINAL		



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CLIENT: CITY OF KEY WEST
 ITB #21-003

PROJECT: CONCH REPUBLIC
 ROOF & WALL
 CLADDING REPLACEMENT

SITE: 631 GREENE ST
 KEY WEST, FL 33040

TITLE: TYPICAL WORK ZONE

SCALE AT 24X36: AS SHOWN	DATE: 10/06/20	DRAWN: PRS	CHECKED: SAM
PROJECT NO: 2004-14	DRAWING NO: S-104	REVISION: 1	

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 DATE:
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 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 07480