

WALL AND ROOF SHEATHING SCREWS SHALL BE HOT-DIPPED GALVANIZED.

CONCRETE MASONRY

LAP REINFORCING BARS 48 DIAMETERS.

LADDER TYPE JOINT REINFORCEMENT.

DRAWINGS AND FILLED WITH GROUT.

OTHERWISE.

STANDARD M4).

ALL FRAMING EXPOSED TO THE WEATHER SHALL BE PRESSURE-TREATED IN ACCORDANCE

SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWPA

WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION SPECIFICATIONS. WHERE POSSIBLE

ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO THE ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE

PRODUCTION AND CONSTRUCTION OF CONCRETE MASONRY SHALL BE IN ACCORDANCE WITH

(INTERNATIONAL MASONRY INDUSTRY ALL-WEATHER COUNCIL) "RECOMMENDED PRACTICES

AND GUIDE SPECIFICATIONS FOR HOT AND COLD WEATHER MASONRY AND CONSTRUCTION".

MASONRY WALLS SHALL BE ADEQUATELY BRACED TO RESIST WIND FORCES UNTIL PERMANENT

DESIGN SUPPORTS ARE IN PLACE AND FUNCTIONAL. BRACING SHALL BE DESIGNED BY THE

CONCRETE MASONRY WALLS SHALL BE REINFORCED AT EVERY OTHER BED JOINT WITH 9 GAGE

VERTICAL BARS SHOWN ON THE DESIGN DRAWINGS SHALL BE PLACED IN A CONTINUOUS

ALL DOOR AND WINDOW JAMBS SHALL BE GROUTED SOLID 8 INCHES WIDE UNLESS SHOWN

WHERE NOT SHOWN OTHERWISE, MINIMUM SOLID GROUTED MASONRY BELOW BEAM

WHERE NOT SHOWN OTHERWISE, MINIMUM SOLID GROUTED MASONRY BELOW LINTEL

CONTROL JOINTS SHALL BE PLACED A MINIMUM 16' AWAY FROM LINTEL BEARING LOCATIONS.

ALL BOND BEAMS AND PILASTERS SHALL BE REINFORCED AS SHOWN ON THE DESIGN

UNOBSTRUCTED CELL OF NOT LESS THAN 3 INCHES BY 4 INCHES.

REACTIONS SHALL BE 16 INCHES DEEP BY 32 INCHES LONG.

REACTIONS SHALL BE 16 INCHES DEEP BY 16 INCHES LONG.

PROVIDE CONTROL JOINTS AT 25'-0" OC MAXIMUM SPACING.

PROVIDE BOND BEAM WITH (2) #5 x CONTINUOUS AT EACH FLOOR LEVEL.

PROVIDE DOWELS INTO FOUNDATION THE SAME SIZE AND NUMBER AS WALL REINFORCING.

CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.

HOT AND COLD WEATHER CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE IMIAC

THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES", ACI 530-08, AND THE NCMA "TEK MANUAL FOR CONCRETE MASONRY DESIGN AND CONSTRUCTION", LATEST EDITION.

WIND PROVISIONS FOR COMPONENTS AND **CLADDING TABLE**

SYMBOL LEGEND

BEYOND

(HALFTONE)

— — — — CENTER, GRID

---- DEMOLITION

---- HIDDEN

—--- MATCHLINE

NEW (CUT)

NEW (PROJECTION)

CONCRETE SLAB

CONCRETE SLAB

(LONGITUDINAL)

——X———X—

ON GRADE

ON STEEL DECK

CONCRETE SLAB

ON STEEL DECK

WELDED WIRE FABRIC

REINFORCEMENT

SHEAR STUDRAIL

REINFORCEMENT

ADHESIVE ANCHOR

(TRANSVERSE)

CONCRETE LEGEND

— — — OVERHEAD

MATERIAL

ALUMINUM

CONCRETE

CONCRETE

EARTH

GROUT

PANEL

STEEL

WOOD STRUCTURAL

EXPANSION ANCHOR

BENT BAR

2'-0" H x 3'-0" V

BAR DRILLED

AND EPOXIED

INTO CONCRETE

MASONRY BLOCK

REFERENCE

A6/S-501

NORTH INDICATOR

ELEVATION VIEW

SECTION VIEW

VIEW INDICATOR

GRID INDICATOR

EXISTING GRID

INDICATOR

STEEL LEGEND

(LONGITUDINAL)

(TRANSVERSE)

SHEAR STUD

---- STEEL ROOF DECK

STEEL ROOF DECK

BOLT

INDICATOR

DETAIL VIEW

INDICATOR

BREAK LINE

SPAN DIRECTION

INDICATOR

SLOPE INDICATOR

STEP INDICATOR

TOC ELEVATION INDICATOR

OPENING

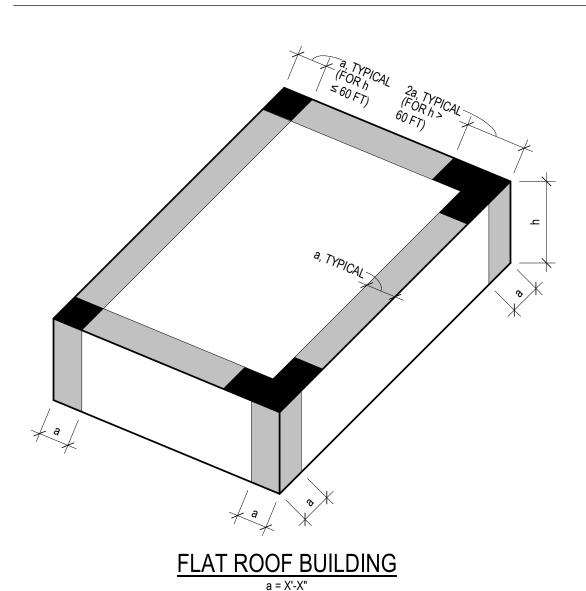
OR WALL)

(FLOOR, ROOF

KEYNOTE INDICATOR

REVISION CLOUD

REVISION INDICATOR



= INTERIOR ZONE ROOF = ZONE 1 WALLS = ZONE 4				ZONE = CORNER ZO F = ZONE 2 S = ZONE 5	
DE	SIGN WIND	PRESSURE	, PSF		
	EFFECTIVE WIND AREA, SF				
ZONE	10	50	100	DESCRIPTION	
1	-40.9	-38.5	-37.4	ROOF INTERIOR ZONE	
2	-68.6	-51.7	-44.4	END ZONE REGION OF THE ROOF	
3	-103.3	-62.1	-44.4	CORNER ZONE REGION OF THE ROOF	
ROOF OVERHANG (ZONES 1 AND 2)	-58.9	-56.5	-55.5		
	-97.7	-48.6	-27.7		
4 (+)	37.4	33.6	31.9	- WALL INTERIOR ZONE	
4 (-)	-40.6	-36.7	-35.1		
5 (+)	37.4	33.6	31.9	END ZONE REGION OF THE WALL	
5 (-)	-49.9	-42.2	-38.9		

1. NEGATIVE PRESSURES ACT AWAY FROM COMPONENT SURFACE. POSITIVE PRESSURES ACT

TOWARD COMPONENT SURFACES. 2. WIND UPLIFT PRESSURE ON CANOPIES AND ROOF OVERHANGS SHALL BE 60 PSF.

3. FOR NET UPLIFT TO ROOF JOISTS, SUBTRACT A ROOFING DEAD LOAD OF 15 PSF (NOT INCLUDING JOIST SELF WEIGHT) FROM THE WIND PRESSURES SHOWN.

4. WIND LOADS PROVIDED ARE ULTIMATE LOADS, AS DETERMINED USING ASCE 7-10 PROVISIONS

FOUNDATION PLAN LEGEND SPREAD FOOTING -WALL STARTS HERE AND/OR CONTINUES -- GRADE BEAM MARK GRADE BEAM ──── TOF 100'-0" — CONCRETE WALL FOUNDATION **ELEVATION** - FOOTING MARK TOP OF FOUNDATION WALL FOOTING -ELEVATION FOOTING STEP -- CONCRETE COLUMN TOF 98'-0" -OR PIER MARK ───── TOW 110'-0" -TOP OF WALL - WALL FOOTING MARK **ELEVATION** - SLAB ON GRADE CONCRETE COLUMN OR PIER -CONTROL OR CONSTRUCTION WALL ENDS HERE -TOF 98'-0" C01, P01

SHEET INDEX

S-001 GENERAL NOTES AND INFORMATION S-101 PLANS S-501 DETAILS

ABBREVIATIONS

1WAY ONE-WAY

ADDL ADDITIONAL

ADDM ADDENDUM

APPROX APPROXIMATE

ARCH ARCHITECT

ANCHOR BOLT

AHU AIR HANDLING UNI

ALTERNATE

AS REQUIRED

BASE PLATE

BACK TO BACK

BOTH FACES

BOTTOM FACE

BOTTOM

BOTH SIDES

BOTH WAYS

POUND

BRG PL BEARING PLATE

BRDG BRIDGING

BSMT BASEMENT

BOTTOM OF (REFER TO TOP OF

BOTTOM CHORD

407 / 659 6500 407 / 659 0609 fax www.graef-usa.com CERTIFICATION # 4270 CLIENT: CITY OF DAYTONA BEACH, FL

LD BRG LOAD-BEARING

LIVE LOAD

LLBB LONG LEG BACK TO BACK

LVL LAMINATED VENEER LUMBER

MOMENT CONNECTION

MFR REC MANUFACTURER'S RECOMMENDATION

LLH LONG LEG HORIZONTAL

LLV LONG LEG VERTICAL

MOMENT

MAXIMUM

MEMBER

METAL DECK

MECHANICAL

MEZZANINE

MFR MANUFACTURER

MINIMUM

ML MONOLITHIC

MISCELLANEOUS

MASONRY OPENING

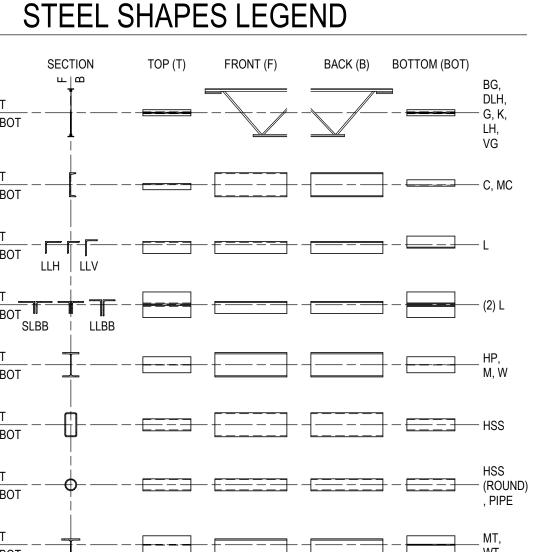
MID MIDDLE

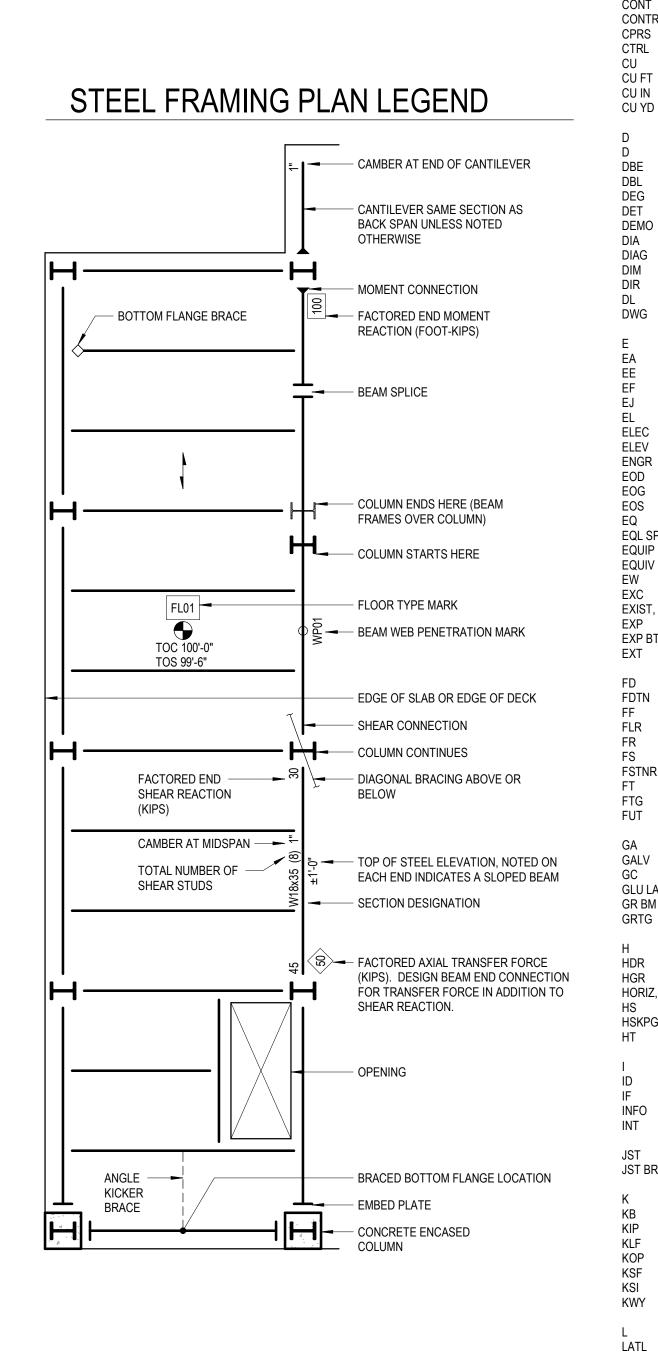
LVR LOUVER

MEZZ

LDH LONG DIMENSION HORIZONTAL

LONG DIMENSION VERTICAL





377	BOTH WAYS	MO MTL	MASONRY OPENING METAL
C TO C CANTIL CIP CJ	CHANNEL CENTER TO CENTER CANTILEVER CAST-IN-PLACE CONSTRUCTION JOINT CONTROL JOINT	MULT N NF NIC NLB	MULTIPLE NORTH NEAR FACE NOT IN CONTRACT NON-LOAD-BEARING
CL CMU COL CONC CONN	CENTRE LINE CONCRETE MASONRY UNIT COLUMN CONCRETE CONNECT CONSTRUCTION	NO NOM NS NTS	NUMBER NOMINAL NEAR SIDE NOT TO SCALE
CONT CONTR CPRS CTRL CU CU FT CU IN	CONTINUE/CONTINUOUS CONTRACTOR COMPRESSIBLE CONTROL CUBIC CUBIC FEET CUBIC INCH CUBIC YARD	OC OD OF OP OPNG OPH OPP OPT O/O	ON CENTER OUTSIDE DIAMETER OUTSIDE FACE OPERATING OPENING OPPOSITE HAND OPPOSITE OPTIONAL OUT TO OUT
DO DBE DBL DEG DET DEMO DIA DIAG DIM DIR DL DWG	DEEP DEPTH DECK BEARING ELEVATION DOUBLE DEGREE DETAIL DEMOLITION DIAMETER DIAGONAL DIMENSION DIRECTION DEAD LOAD DRAWING	PL PLF PLYWD PRCST PRELIM PS CONC PSF PSI PT PT PT CONC	PRECAST CONCRETE POUNDS PER CUBIC FOOT PLATE POUNDS PER LINEAR FOOT PLYWOOD PRECAST PRELIMINARY PRESTRESSED CONCRETE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POST-TENSIONED PRESSURE TREATED POST-TENSIONED CONCRETE
ΞΑ	EAST EACH	QTY	QUANTITY
ELEC ELEV ENGR EOD	EACH END EACH FACE EXPANSION JOINT ELEVATION ELECTRIC ELEVATOR ENGINEER EDGE OF DECK EDGE OF GRATING	R RD REF REINF REQD REV RS RTU	RADIUS ROOF DRAIN REFERENCE REINFORCE REQUIRED REVISION ROUGH SAWN ROOF TOP UNIT
EQ EQL SP EQUIP EQUIV EW EXC EXIST, (E) EXP EXP BT	EDGE OF SLAB EQUAL EQUALLY SPACED EQUIPMENT EQUIVALENT EACH WAY EXCAVATE EXISTING EXPANSION EXPANSION BOLT EXTERIOR	SCHEM SE SECT SF SHT SIM SL SLBB SP	SOUTH SCHEDULE SCHEMATIC STRUCTURAL ENGINEER SECTION SQUARE FOOT (FEET) SHEET SIMILAR SLAB SHORT LEG BACK TO BACK SUMP PIT SPECIAL
FDTN FF FLR FR FS FSTNR FT FTG	FLOOR DRAIN FOUNDATION FAR FACE FLOOR FRAME FAR SIDE FASTENER FEET FOOTING FUTURE	SQ YD STD STIF STL JST STRUC SYMM	SPECIFICATION SQUARE SQUARE INCH SQUARE YARD STANDARD STIFFENER STEEL JOIST STRUCTURAL SYMMETRICAL
GC GLU LAM	GAGE GALVANIZED GENERAL CONTRACTOR GLUE LAMINATED WOOD GRADE BEAM GRATING	TC	TOP AND BOTTOM THROUGH BOLT TOP CHORD TOP ELEVATION MATCHES JOIST TEMPORARY THICKNESS THROUGH TOP OF BEAM
HDR HGR HORIZ, H HS	HIGH HEADER HANGER HORIZONTAL HIGH STRENGTH HOUSEKEEPING HEIGHT	TOC TOD TOF TOG TOP TOS TOW TS	TOP OF CONCRETE TOP OF DECK TOP OF FOUNDATION TOP OF GRATING TOP OF PIER TOP OF STEEL TOP OF WALL TUBE STEEL
D F NFO NT	MOMENT OF INERTIA INSIDE DIAMETER INSIDE FACE INFORMATION INTERIOR	TYP UNO VAR	TYPICAL UNLESS NOTED OTHERWISE VARIES
IST IST BRG	JOIST JOIST BEARING	VERT, V VIF	VERTICAL VERIFY IN FIELD
((B (IP (LF (OP (SF (SI (WY	KIP KNEE BRACE THOUSAND POUNDS KIPS PER LINEAR FOOT KNOCK OUT PANEL KIPS PER SQUARE FOOT KIPS PER SQUARE INCH KEYWAY	W W W/ W/O WBL WD WF WP	WEST WIDE WITH WITHOUT WOOD BLOCKING WOOD WIDE FLANGE WORK POINT WEIGHT
- _ATL	ANGLE LATERAL	WWF WWM	WELDED WIRE FABRIC WELDED WIRE MESH

YD YARD



PROJECT TITLE: DAYTONA BEACH CAMPBEL POOL LIFEGUARD BUILDING

GRAEF

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1 05/14/2020 Addendum

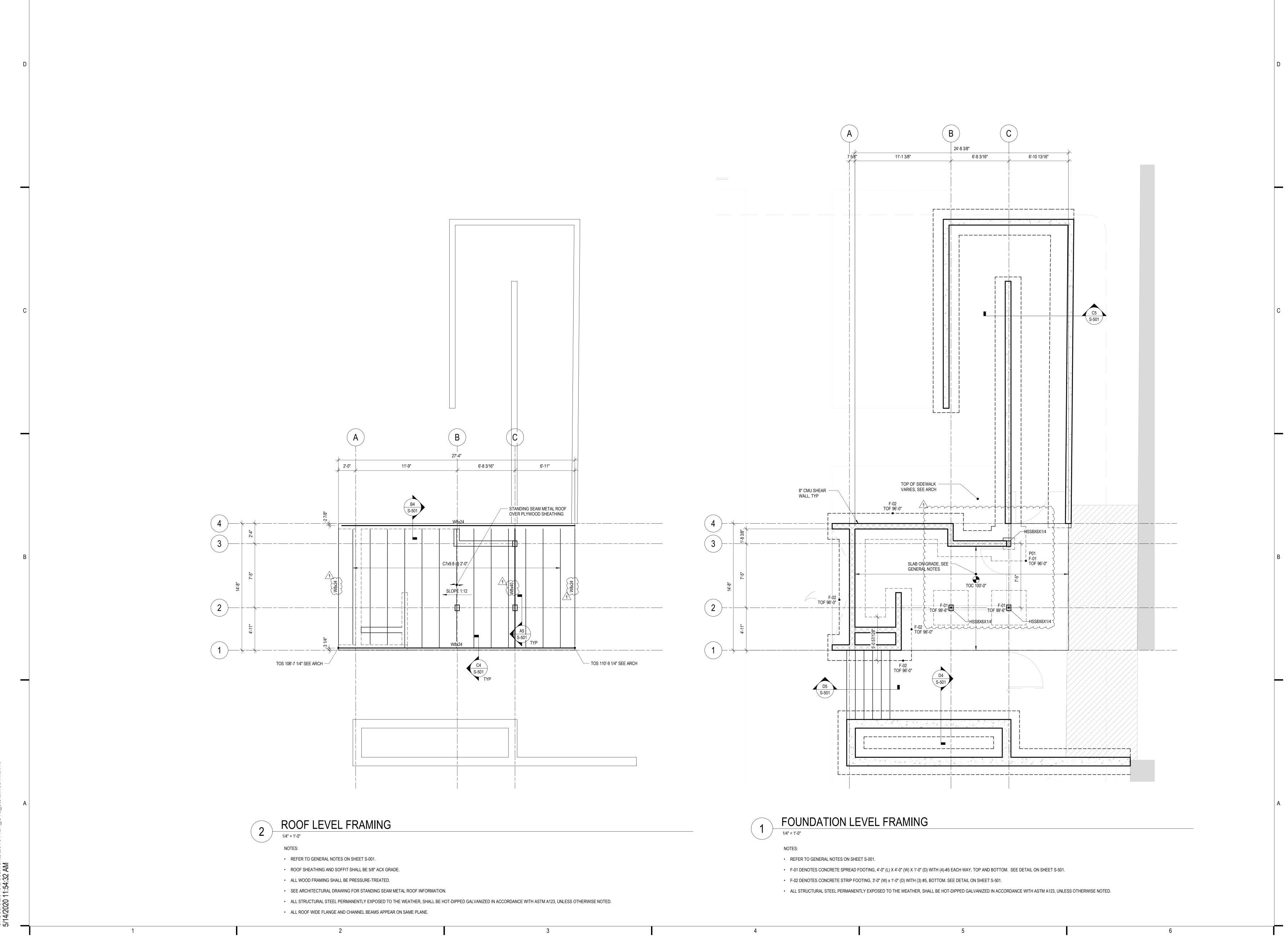
PROJECT INFORMATION: PROJECT NUMBER: 20194124

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GENERAL NOTES AND INFORMATION

AS NOTED

SHEET TITLE:



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CERTIFICATION # 4270

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CITY OF DAYTONA BEACH, FL

CLIENT:

PROJECT TITLE:

DAYTONA BEACH CAMPBELL POOL LIFEGUARD BUILDING

ISSU

1 05/14/2020 Addendum 1

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No. 67810
STATE OF

PROJECT INFORMATIO

PROJECT NUMBER: 20194124

DATE: 05/

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SCALE: AS NOTED

PLANS

SHEET TITLE:

SHEET NUMBER

S-101

