

STATEMENT OF SPECIAL INSPECTIONS

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- THE "STATEMENT OF SPECIAL INSPECTIONS" HAS BEEN PREPARED IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE IBC 2012, SECTION 1705.
- THIS "STATEMENT OF SPECIAL INSPECTIONS" ENCOMPASSES THE FOLLOWING DISCIPLINE: STRUCTURAL
- IN ACCORDANCE WITH UFC 1-200-01 SECTION 2-17, THE CONTRACTOR SHALL RETAIN APPROVED THIRD-PARTY QUALITY ASSURANCE AGENCIES TO CONDUCT THE SPECIAL INSPECTIONS REQUIRED BY THE IBC 2012 FOR THE TYPE OF WORK INDICATED.
- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON(S) WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE CONTRACTING OFFICER FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- SPECIAL INSPECTIONS PERFORMED SHALL BE IN COORDINATION WITH IBC 2012, SECTIONS 1704 AND 1705.
- THE SPECIAL INSPECTOR SHALL SUBMIT SPECIAL INSPECTION REPORTS TO THE CONTRACTING OFFICER AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (STRUCTURAL ENGINEER OF RECORD) DURING CONSTRUCTION FOR VERIFICATION, INCLUDING FINAL REPORTS IN ACCORDANCE WITH IBC 2012, SECTION 1704.2.4.
- SPECIAL INSPECTIONS FOR WIND RESISTANCE SHALL BE IN ACCORDANCE WITH IBC 2012, SECTION 1705.10.
- THE SPECIAL INSPECTOR SHALL USE THE LATEST ISSUE OF THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR THE INSPECTION OF THIS STRUCTURE. SHOP FABRICATION DRAWINGS SHALL NOT BE USED FOR INSPECTION PURPOSES.
- THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN SECTION 109 OF THE IBC 2012.

- IN ACCORDANCE WITH IBC 2012, SECTION 1704.4, EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND FORCE RESISTING SYSTEM (MWFRS) OR A WIND-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE CONTRACTING OFFICER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.
- THE FOLLOWING TABLES IDENTIFY THE MATERIALS, SYSTEMS AND COMPONENTS WHICH ARE TO HAVE SPECIAL INSPECTION.
- SPECIAL INSPECTION FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360 CHAPTER N.
- SPECIAL INSPECTIONS FOR MASONRY SHALL BE IN ACCORDANCE WITH THE IBC 2009, TABLE 1704.5.1.

IBC 2012 - TABLE 1705.3 REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION								
VERIFICATION AND INSPECTION		CONTINUOUS	PERIODIC	REFERENCE STANDARD	IBC REFERENCE	INSPECTION REQUIRED		
						YES	NO	N/A
1.	INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	-	X	ACI 318: 3.5, 7.1-7.7	1913.4	X		
2.	INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2, ITEM 2B.	-	X	AWS D1.4, ACI 318: 3.5.2	-	X		
3.	INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	X	-	ACI 318: 8.1.3, 21.2.8	1911.5, 1912.1	X		
4.	INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	-	X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1912.1	X		
5.	VERIFYING USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 4, 5.2-5.4	1904.3, 1913.2, 1913.3	X		
6.	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C 172, ASTM C 31, ACI 318: 5.6, 5.8	1913.10	X		
7.	INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8	X		
8.	INSPECTION OF MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 5.11, 5.13	1913.9	X		
9.	INSPECTION OF PRESTRESSED CONCRETE:							
A.	APPLICATION OF PRESTRESSING FORCES.	X	-	ACI 318: 18.20, ACI 318: 18.18.4	-			X
B.	GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	X	-	ACI 318: 18.20, ACI 318: 18.18.4	-			X
10.	ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: CH. 16	-			X
11.	VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 6.2	-			X
12.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	-	X	ACI 318: 6.1.1	-	X		

IBC 2009 - TABLE 1704.5.1 MASONRY LEVEL 1 SPECIAL INSPECTION									
	INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA		INSPECTION REQUIRED			
		CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	TMS 402/ACI 30/ASCE 5a	TMS 602/ACI 530/ASCE 6a	YES	NO	N/A
1.	COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	-	X	-	-	ART.1.5	X		
2.	VERIFICATION OF f_m AND f_{AAC} PRIOR TO CONSTRUCTION EXCEPT WHERE SPECIFICALLY EXEMPTED BY THIS CODE.	-	X	-	-	ART.1.4	X		
3.	VERIFICATION OF SLUMP FLOW AND VSI AS DELIVERED TO THE SITE FOR SELF-CONSOLIDATING GROUT.	X	-	-	-	ART.1.5B.1.b.3			
4.	AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:								
A.	PROPORTIONS OF SITE-PREPARED MORTAR.	-	X	-	-	ART.2.6	X		
B.	CONSTRUCTION OF MORTAR JOINTS.	-	X	-	-	ART.3.3B	X		
C.	LOCATION OF REINFORCEMENT, CONNECTORS, PRESTRESSING TENDONS AND ANCHORAGES.	-	X	-	-	ART.3.4, 3.6A	X		
D.	PRESTRESSING TECHNIQUE.	-	X	-	-	ART.3.6B			X
E.	GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	-	X	-	-	ART.2.4B, 2.4H			X
5.	DURING CONSTRUCTION THE INSPECTION PROGRAM SHALL VERIFY:								
A.	SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	-	X	-	-	ART.3.3F	X		
B.	TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	-	X	-	-	SEC. 1.2.2(e), 1.16.1	X		
C.	SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT, ANCHOR BOLTS, PRESTRESSING TENDONS AND ANCHORAGES.	-	X	-	-	SEC. 1.15	ART.2.4, 3.4	X	
D.	WELDING OF REINFORCING BARS.	X	-	-	-	SEC. 2.1.9.7.2, 3.3.3.4(b)	-		
E.	PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURES ABOVE 90°F)	-	X	SEC. 2104.3, 2104.4	-	ART.1.8C, 1.8D	X		
F.	APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	X	-	-	-	ART.3.6B			X
6.	PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:						X		
A.	GROUT SPACE IS CLEAN.	-	X	-	-	ART.3.2D	X		
B.	PLACEMENT OF REINFORCEMENT AND CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X	-	-	SEC. 1.13	ART.3.4	X	
C.	PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	-	X	-	-	ART.2.6B	X		
D.	CONSTRUCTION OF MORTAR JOINTS.	-	X	-	-	ART.3.3B	X		
7.	GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE:	X	-	-	-	ART.3.5	X		
A.	GROUTING OF PRESTRESSING BONDED TENDONS.	X	-	-	-	ART.3.6C			X
8.	PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.	-	X	SEC. 2105.2.2, 2105.3	-	ART.1.4	X		

a. THE SPECIFIED STANDARDS REFERENCED IN IBC 2009 CHAPTER 35

IBC 2012 - TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS						
VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	INSPECTION REQUIRED			
			YES	NO	N/A	
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	X			
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	X			
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	X			
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	X			
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	X			

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APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DIES DPS	DRW JGF	CHK STW
PM / DM		
BRANCH MANAGER		
CHIEF ENG / ARCH		
FIRE PROTECTION		
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST	NAVAL AIR STATION JACKSONVILLE	
CIBL CORE	CORPUS CHRISTI, TEXAS	
NAS CORPUS CHRISTI	CORPUS CHRISTI AIRFIELD REPAIRS	
	AIRFIELD LIGHTING VAULT	
	STRUCTURAL SPECIAL INSPECTIONS	
SCALE:	NTS	
EPROJECT NO.:	15095079	
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:	15095079	
SHEET	9	OF 54
S-004		
DRAWING REVISION: 5 APRIL 2012		

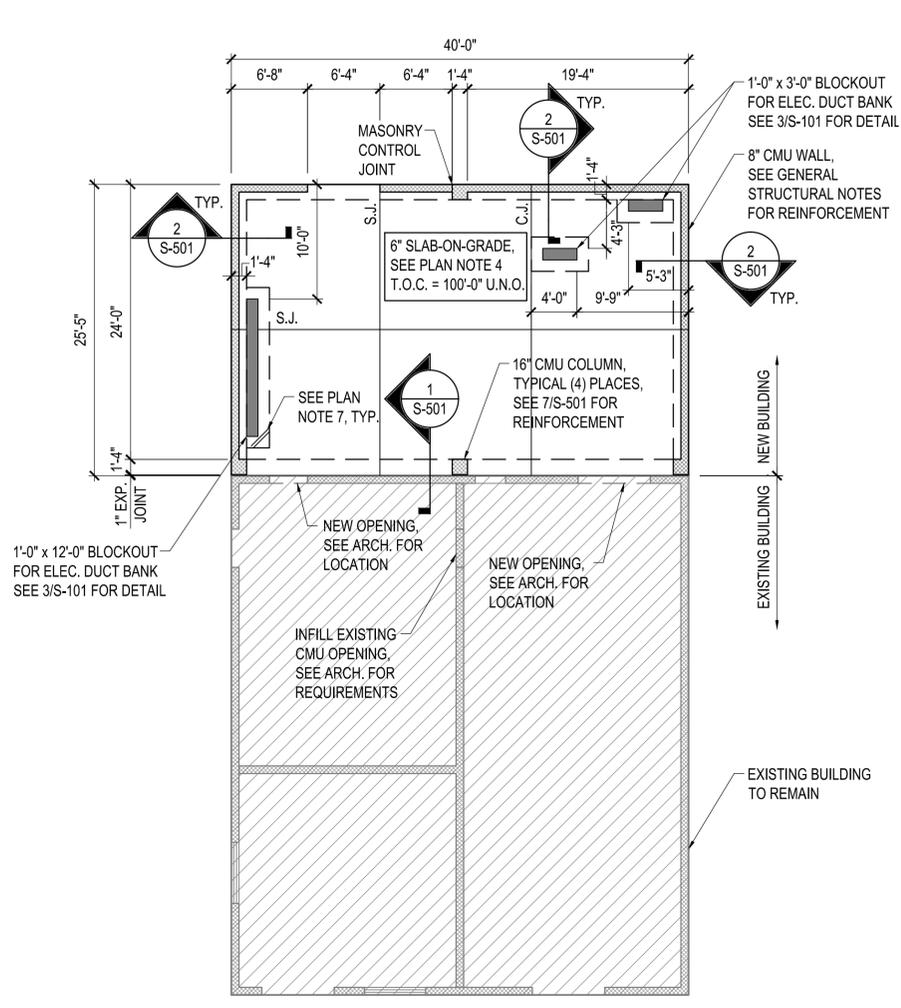
FILE NAME: P:\108\1641-000\ACI 2012\134600-03-S-004.dwg LAYOUT NAME: 134600-04-S-004 PLOTTED: Tuesday, June 09, 2015 - 11:41am USER: houninj

PLAN NOTES:

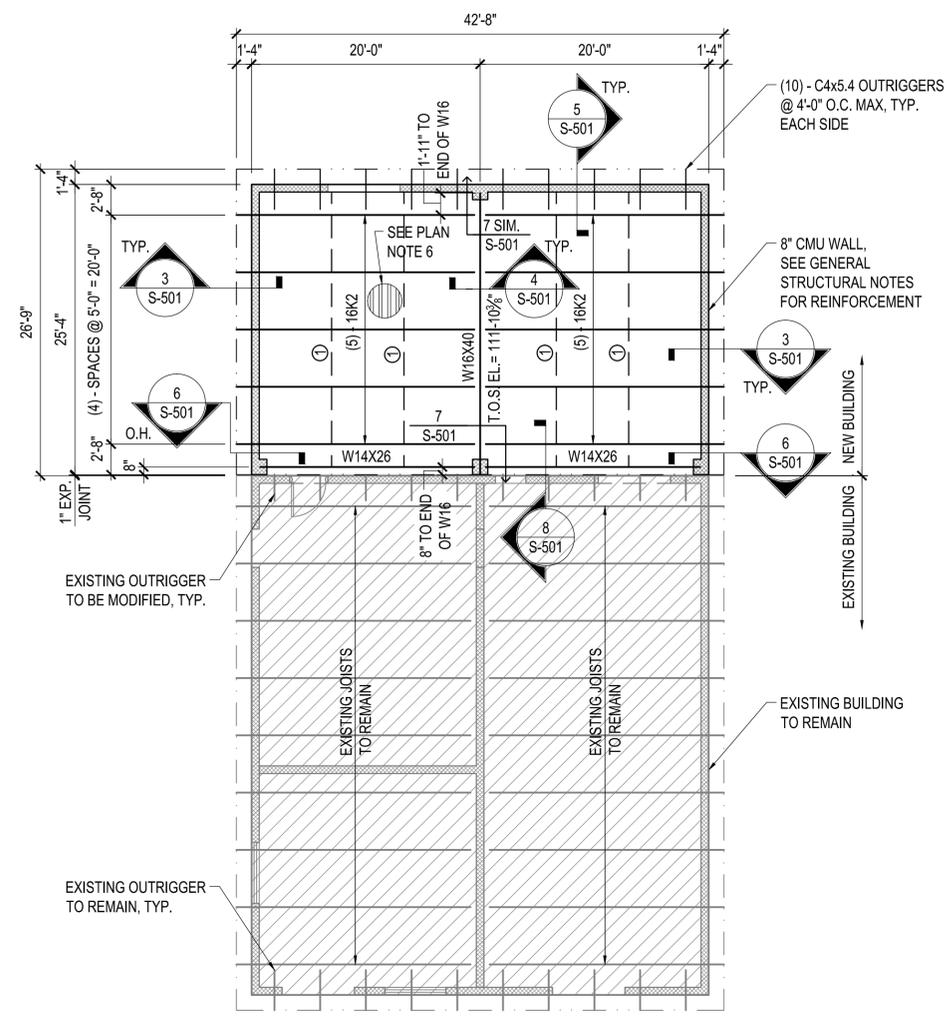
- SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITION PRIOR TO FABRICATION OR CONSTRUCTION.
- REFERENCE ELEVATION = 100'-0" (MATCH ACTUAL ELEVATION OF EXISTING T.O.C. SLAB ELEVATION, FIELD VERIFY) U.N.O.
- SLAB-ON-GRADE SHALL BE 6" CONCRETE WITH #4 AT 16" O.C. EACH WAY (TYPICAL U.N.O.)
- NEW ROOF DECK BEARING ELEVATION VARIES, SEE PLAN
- TYPICAL ROOF DECK SHALL BE 1/2" DEEP x 20 GAGE WIDE RIB GALVANIZED STEEL ROOF DECK.
- PROVIDE (2) #4 x 4'-0" ADDITIONAL REINFORCEMENT AT ALL RE-ENTRANT CORNERS AROUND SLAB-ON-GRADE BLOCKOUT FOR ELECTRICAL DUCT BANK.

LEGEND:

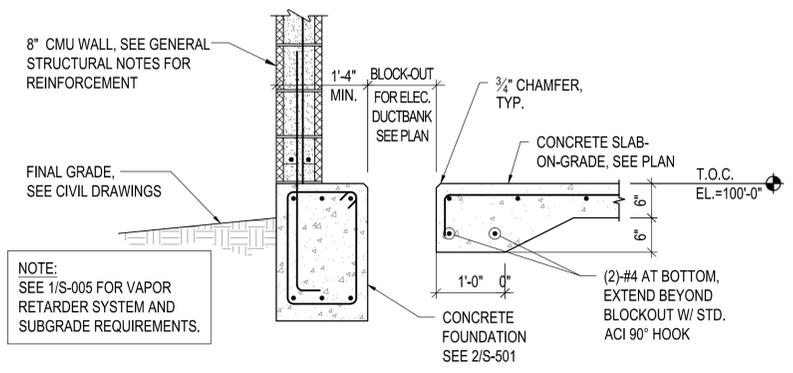
- W16x67 INDICATES BEAM SIZE
- 16K2 INDICATES JOIST SIZE
- (Hatched circle) INDICATES STEEL DECK ORIENTATION
- (Circle with 1) INDICATES L1/2x1/2x1/8 CONT. WELDED BRIDGING AT TOP AND BOTTOM CHORDS OF JOISTS OR AS REQUIRED BY JOIST MANUFACTURER



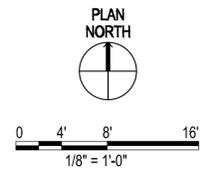
1 FOUNDATION PLAN
1/8"=1'-0"



2 FRAMING PLAN
1/8"=1'-0"



3 TYPICAL SECTION AT ELECTRICAL DUCTBANK
3/4"=1'-0"



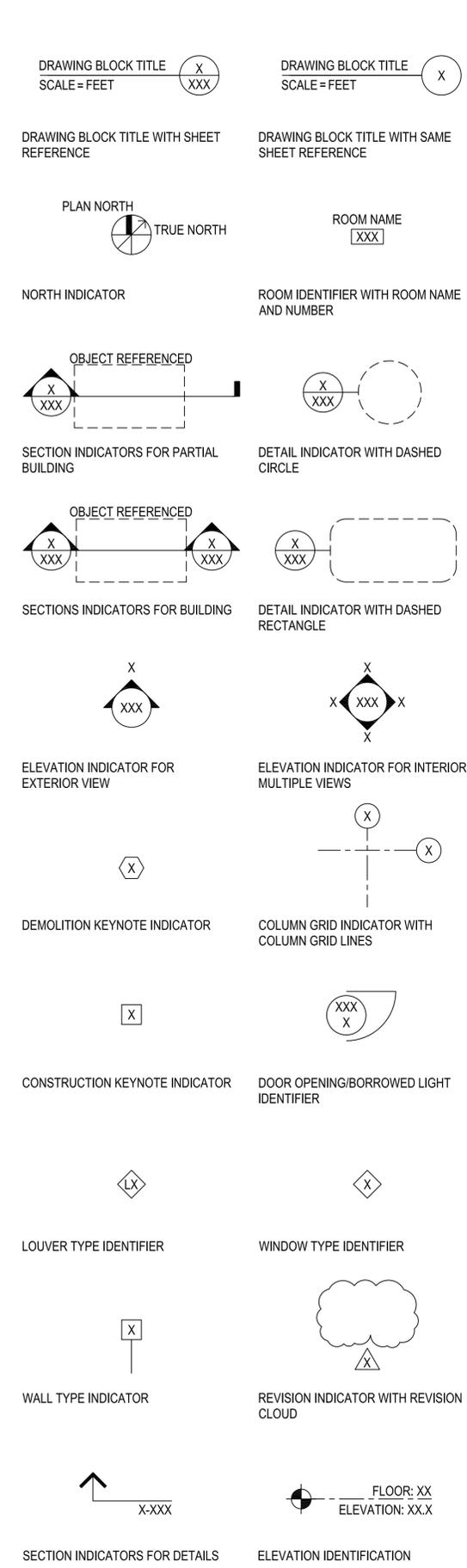
APPR	8 JUN 15	DATE
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APPROVED FOR COMMANDER NAVFAC ACTIVITY SATISFACTORY TO DATE DES DPS DRW JGF CHK STW PM / DM BRANCH MANAGER CHIEF ENG / ARCH FIRE PROTECTION		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE NAS CORPUS CHRISTI CORPUS CHRISTI, TEXAS NAS CORPUS CHRISTI AIRFIELD REPAIRS AIRFIELD LIGHTING VAULT FOUNDATION & FRAMING PLANS		
SCALE: AS NOTED PROJECT NO.: CONSTR. CONTR. NO.: NAVFAC DRAWING NO.: 15095082 SHEET 12 OF 54		
S-101 <small>DRAWING REVISION: 5 APRIL 2012</small>		

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ABBREVIATION LEGEND

A	ACC ACCESSORY	F	FA FIRE ALARM	M	MAS MASONRY	S	SAB SOUND ATTENUATION BLANKET
ACM ALUMINUM COMPOSITE MATERIAL	FAU FORCED AIR UNIT	MATL MATERIAL	SC SOLID CORE	MAX MAXIMUM	SCHED SCHEDULE	SECT SECTION	SED STANDARD EMBASSY DESIGN
AD AREA DRAIN	FR FIRE RESISTIVE	MDF MEDIUM DENSITY FIBERBOARD	SECT SECTION	MDO MEDIUM DENSITY OVERLAY	SF SQUARE FEET	SHT SHEET	SIM SIMILAR
ADD ADDENDUM	FD FLOOR DRAIN	MECH MECHANICAL	SHT SHEET	MEMB MEMBRANE	MFR MANUFACTURER	SMS SHEET METAL SCREW	SOG SLAB ON GRADE
ADJ ADJACENT	F.E. FINISHED END	MIN MINIMUM	SOG SLAB ON GRADE	FF FINISHED FLOOR	MISC MISCELLANEOUS	SP STAND PIPE	SPA SPACE, SPACING
AFF ABOVE FINISHED FLOOR	FEC FIRE EXTINGUISHER CABINET	MOD MODIFIED	SPA SPACE, SPACING	FHC FIRE HOSE CABINET	MOD BIT MODIFIED BITUMEN	SPEC SPECIFICATION	SQ SQUARE
AGGR AGGREGATE	FF FINISHED FLOOR	MSL MEAN SEA LEVEL	SPEC SPECIFICATION	FIN FINISH	MTD MOUNTED	SS STAINLESS STEEL	SSM SOLID SURFACE MATERIAL
AL ALUMINUM	FIN FINISH	MTL METAL	SS STAINLESS STEEL	FIN FLR FINISHED FLOOR	MTL METAL	STA STATION	STC SOUND TRANSMISSION CLASS
ALT ALTERNATE	FLR FLOOR	MW MICROWAVE	STA STATION	FIXT FIXTURE	N NA NOT APPLICABLE	STD STANDARD	STIFF STIFFENER
ANOD ANODIZED	FLUOR FLUORESCENT	N NIC NOT IN CONTRACT	STD STANDARD	FT FT FOOT	NO. # NUMBER	STL STEEL	STRUC STRUCTURAL
APPROX APPROXIMATE	FO FACE OF	NTS NOT TO SCALE	STL STEEL	FTG FOOTING	NOM NOMINAL	SUSP SUSPENDED	SYM SYMMETRICAL
ARCH ARCHITECTURAL	FVC FIRE VALVE CABINET	NWC NORMAL WEIGHT CONCRETE	SUSP SUSPENDED	FV FV	NWC NORMAL WEIGHT CONCRETE	SYM SYMMETRICAL	SYS SYSTEM
B	BD BOARD	G	GA GAUGE	O	O TO O OUTSIDE TO OUTSIDE	T	T TREAD
BETW BETWEEN	BG BUMPER GUARD	GALV GALVANIZED	OH OH	O TO O OVER ALL	OA OVER ALL	T&B TOP AND BOTTOM	TC TOP OF CURB
BG BUMPER GUARD	BL BUILDING LINE	GEN GENERAL	OPNG OPENING	OC ON CENTER	OD OUTSIDE DIAMETER	TEL TELEPHONE	TEMP TEMPERATURE
BL BLOCK	BLKG BLOCKING	GFRC GLASS FIBER REINFORCED CONCRETE	OPP OPPOSITE	OD OUTSIDE DIAMETER	OFD OVERFLOW DRAIN	THK THICK	THOLD THRESHOLD
BLKG BLOCKING	BM BEAM	GI GALVANIZED IRON	OVHD OVERHEAD	OFD OVERFLOW DRAIN	OFCI OWNER FURNISHED, CONTRACTOR INSTALLED	TOB TOP OF BEAM	TOC TOP OF CONCRETE
BM BEAM	BOT BOTTOM	GL GLASS	OFCI OWNER FURNISHED, CONTRACTOR INSTALLED	OFCI OWNER FURNISHED, CONTRACTOR INSTALLED	OFOI OWNER FURNISHED, OWNER INSTALLED	TOF TOP OF FOOTING	TOP TOP OF PARAPET
BOT BOTTOM	BRG BEARING	GND GROUND	OFOI OWNER FURNISHED, OWNER INSTALLED	OFOI OWNER FURNISHED, OWNER INSTALLED	OH OPPOSITE HAND	TOF TOP OF FOOTING	TOS TOP OF SLAB
BRG BEARING	BSMT BASEMENT	GR GRADE	OPNG OPENING	OPNG OPENING	OPNG OPPOSITE	TOP TOP OF PARAPET	TO STL TOP OF STEEL
BSMT BASEMENT	BU ROD BACK UP ROD	GRG GLASS REINFORCED GYPSUM	OVHD OVERHEAD	OVHD OVERHEAD	OVHD OVERHEAD	TOP TOP OF PARAPET	TOS TOP OF SLAB
BU ROD BACK UP ROD	BUR BUILT-UP ROOF	GYP GYPSUM	TOB TOP OF BEAM	TOB TOP OF BEAM	TOB TOP OF BEAM	TOP OF STEEL	TOS TOP OF SLAB
C	C TO C CENTER TO CENTER	GYP BD GYPSUM BOARD	TOC TOP OF CONCRETE	TOC TOP OF CONCRETE	TOC TOP OF CONCRETE	TOP OF WALL	TYP TYPICAL
C COMPACT PARKING SPACE	CEM CEMENT	H HIGH	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	U UNLESS NOTED OTHERWISE	V
CER CERAMIC	CF CUBIC FOOT	HC HOLLOW CORE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	VAR VARIES	VCT VINYL COMPOSITION TILE
CG CORNER GUARD	CIP CAST IN PLACE	HB HOSE BIBB	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	VERT VERTICAL	VEST VESTIBULE
CIP CAST IN PLACE	CJ CONTROL JOINT	HD HEAD	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	VCT VERTICAL	VWC VINYL WALL COVERING
CJ CONTROL JOINT	CL CENTER LINE	HDW HARDWARE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	W WITH	W/ WITH OUT
CL CENTER LINE	CLG CEILING	HDWH HARDWOOD	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	W/ WITH OUT	W WIDTH
CLG CEILING	CMU CONCRETE MASONRY UNIT	HM HOLLOW METAL	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	WD WOOD	WDW WINDOW
CMU CONCRETE MASONRY UNIT	COL COLUMN	HOR HORIZONTAL	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	WF WIDE FLANGE	WH WATER HEATER
COL COLUMN	COMM COMMUNICATIONS	HP HIGH POINT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	WL WIND LOAD	WP WATERPROOF(ING)
COMM COMMUNICATIONS	CONC CONCRETE	HR HOUR	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	WR WATER RESISTANT	WT WEIGHT
CONC CONCRETE	CONN CONNECTION	HT HEIGHT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	WWF WELDED WIRE FABRIC	
CONN CONNECTION	CONST CONSTRUCTION	HTR HEATER	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CONST CONSTRUCTION	CONT CONTINUOUS	I	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CONT CONTINUOUS	CONTR CONTRACTOR	ID INSIDE DIAMETER	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CONTR CONTRACTOR	COORD COORDINATE	IN INCH	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
COORD COORDINATE	CSK COUNTER SUNK	INSUL INSULATION	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CSK COUNTER SUNK	CT CERAMIC TILE	INT INTERIOR	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CT CERAMIC TILE	CTR CENTER	J	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CTR CENTER	CW CURTAIN WALL	JAN JANITOR	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
CW CURTAIN WALL	D	JT JOINT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
D	D DEPTH	K	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DTL DETAIL	DIA DIAMETER	K KIPS (1,000 LB)	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DIA DIAMETER	DIM DIMENSION	KO KNOCK OUT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DIM DIMENSION	DL DEAL LOAD	KP KICK PLATE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DL DEAL LOAD	DN DOWN	KSF KIPS PER SQUARE FOOT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DN DOWN	DS DOWN SPOUT	L	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DS DOWN SPOUT	DWG DRAWING	L ANGLE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DWG DRAWING	DWGS DRAWINGS	LAM LAMINATE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DWGS DRAWINGS	DWLS DOWELS	LAV LAVATORY	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
DWLS DOWELS	E	LB POUND (WEIGHT)	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
E	E EACH	LF LINEAL FOOT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EB EXPANSION BOLT	EXP BLT EXPANSION BOLT	LG LONG	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EXP BLT EXPANSION BOLT	EIFS EXTERIOR INSULATION FINISH SYSTEM	LIN LINEAR, LINEAL	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EIFS EXTERIOR INSULATION FINISH SYSTEM	EJ EXPANSION JOINT	LL LIVE LOAD	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EJ EXPANSION JOINT	EL, ELEV ELEVATION	LOC LOCATION	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EL, ELEV ELEVATION	ELEC ELECTRIC(AL)	LP LOW POINT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
ELEC ELECTRIC(AL)	ENCL ENCLOSE	LT LIGHT	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
ENCL ENCLOSE	EQ EQUAL	LWC LIGHTWEIGHT CONCRETE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EQ EQUAL	EQUIP EQUIPMENT	R	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EQUIP EQUIPMENT	ESC ESCALATOR	R RISER	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
ESC ESCALATOR	EVTR ELEVATOR	RAD RADIUS	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EVTR ELEVATOR	EW EACH WAY	RCP ROOF DRAIN	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EW EACH WAY	EWC ELECTRICAL WATER COOLER	RD REINFORCING BAR	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EWC ELECTRICAL WATER COOLER	EXH EXHAUST	REBAR REBAR	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EXH EXHAUST	EXIST EXISTING	RECP RECEPTACLE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EXIST EXISTING	EXP EXPOSED	REF REFER OR REFERENCE	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EXP EXPOSED	EXT EXTERIOR	REINF REINFORCING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
EXT EXTERIOR		RELOC RELOCATE(D)	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		REQD REQUIRED	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		RET RETAINING WALL	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		RFVC RECESSED FIRE VALVE CAB	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		RFH ROOF HATCH	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		RM ROOM	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		RO ROUGH OPENING	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		
		RWL RAIN WATER LEADER	TOF TOP OF FOOTING	TOF TOP OF FOOTING	TOF TOP OF FOOTING		

REFERENCE SYMBOLS LEGEND



GENERAL CONSTRUCTION NOTES

- VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE THE EXTENTS OF DEMOLITION.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM CONSTRUCTION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- WORK AREA IS TO BE CLEANED AT THE END OF DAYS WORK, MORE OFTEN WHEN NECESSARY AND THE DEBRIS PROPERLY DISPOSED. STOCKPILING OF DEBRIS WILL NOT BE ACCEPTED.
- IN THE EVENT OF CONFLICTS, ADDITIONAL DETAIL, OR GUIDANCE IS NEEDED FOR THE CONSTRUCTION OF ANY ASPECT OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE GOVERNMENT AND SUBMIT THE REQUIRED REQUEST FOR INFORMATION (RFI) FORM.
- THE CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK. BEGINNING WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.
- THE CONTRACTOR AND/OR HIS SUB-CONTRACTORS ARE RESPONSIBLE FOR THEIR WORK AND MATERIALS MEETING APPLICABLE CODES, ORDINANCES, AND STANDARDS.
- PROVIDE EMERGENCY FIRE EXTINGUISHERS READILY AVAILABLE AND PROPERLY MAINTAINED AS PER LOCAL FIRE PROTECTION REGULATIONS.
- DO NOT INTERRUPT POWER TO THE BUILDING AT ANY TIME DURING CONSTRUCTION OPERATIONS WITHOUT PRIOR NOTICE TO THE OWNER.
- FOR ADDITIONAL INFORMATION ON THE REMOVAL AND INSTALLATION OF EQUIPMENT WITHIN THE SCOPE OF THE PROJECT, REFER TO OTHER DISCIPLINES.
- ALL NECESSARY STEPS ARE TO BE TAKEN TO PREVENT THE INFILTRATION OF DUST INTO ADJACENT AREAS CONTAINING EQUIPMENT NOT IN THIS CONTRACT.
- DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT RESULTS IN VISUAL EVIDENCE OF CUTTING AND PATCHING.
- REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING CUTTING AND PATCHING OPERATIONS.
- USE MATERIALS IDENTICAL TO EXISTING MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES TO THE FULLEST POSSIBLE EXTENT.
- CUT HOLES AND SLOTS AS SMALL AS POSSIBLE, NEATLY TO SIZE REQUIRED, AND WITH MINIMUM DISTURBANCE OF ADJACENT SURFACES. CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES.
- PATCH CONSTRUCTION BY FILLING, REPAIRING, REFINISHING, CLOSING UP, AND SIMILAR OPERATIONS FOLLOWING PERFORMANCE OF OTHER WORK.
- RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO RETAINED ADJOINING CONSTRUCTION IN A MANNER THAT WILL ELIMINATE EVIDENCE OF PATCHING AND REFINISHING.
- WHERE PATCHING OCCURS IN A PAINTED SURFACE, APPLY PRIMER AND INTERMEDIATE PAINT COATS OVER THE PATCH AND APPLY FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING THE PATCH. PROVIDE ADDITIONAL COATS UNTIL PATCH BLENDS WITH ADJACENT SURFACE.

CONSTRUCTION LEGEND



ISSUED FOR BID	8 JUN 15	DATE
SYMBOL DESCRIPTION		
APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES. MN	DRW. MN	CHK. JMW
BRANCH MANAGER		
CHIEF ENGR / ARCH		
FIRE PROTECTION		
NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE CORPUS CHRISTI, TEXAS NAS CORPUS CHRISTI AIRFIELD REPAIRS AIRFIELD LIGHTING VAULT		
LEGENDS ABBREVIATIONS AND GENERAL NOTES		
SCALE: AS NOTED		
PROJECT NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO. 15095084		
SHEET 14 OF 54		
A-001		

FILE NAME: P:\FVBY\641-ORCA\AE\205114800_nas_corpus_christi_airfield_repair\20_DESIGN\40_CAD\VA\14800A-001.dwg LAYOUT NAME: A-001 LEGENDS AND ABBREVIATIONS PLOTTED: Tuesday, June 09, 2015 - 11:09am USER: nobetm

ADOPTED NATIONAL CODES AND STANDARDS

- REFERENCED CODES AND STANDARDS:
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
 - NFPA 1 FIRE CODE; 2012 EDITION
 - NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS; 2013 EDITION
 - NFPA 37 STANDARD FOR THE INSTALLATION AND USE OF STATIONARY COMBUSTION ENGINES AND GAS TURBINES; 2010 EDITION
 - NFPA 70 NATIONAL ELECTRICAL CODE; 2014 EDITION
 - NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE; 2013 EDITION
 - NFPA 90A STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS; 2012 EDITION
 - NFPA 90B STANDARD FOR THE INSTALLATION OF WARM AIR HEATING AND AIR-CONDITIONING SYSTEMS; 2012 EDITION
 - NFPA 101 LIFE SAFETY CODE; 2012 EDITION

OTHER REFERENCES
 INTERNATIONAL CODE COUNCIL, INTERNATIONAL BUILDING CODE (IBC), 2012 EDITION. (AS AMENDED BY UFC 3-600-01)

ARCHITECTURAL BARRIERS ACT (ABA)
 AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A17.1 SAFETY CODE FOR ELEVATORS; 2013 EDITION

UNIFIED FACILITIES CRITERIA (UFC)
 UFC 1-200-01 GENERAL BUILDING REQUIREMENTS; 1 JULY 2013, INCLUDING CHANGE 1, 1 SEPTEMBER 2013
 UFC 3-600-01 FIRE PROTECTION ENGINEERING FOR FACILITIES, 26 SEPTEMBER 2006, INCLUDING CHANGE 3, 1 MARCH 2013
 UFC 3-600-10N FINAL DRAFT FIRE PROTECTION ENGINEERING, AUGUST 2007

USE AND OCCUPANCY CLASSIFICATION

TYPE IIB CONSTRUCTION (IBC)
 BUILDING HEIGHT AND STORIES: 13'-0" (AT RIDGE) AND 1 STORIES
 BUILDING NOT PROTECTED WITH A SPRINKLER SYSTEM
 IBC USE AND OCCUPANCY CLASSIFICATION: BUSINESS
 NFPA USE AND OCCUPANCY CLASSIFICATION: BUSINESS
 SINGLE OCCUPANCY (IBC)
 SINGLE OCCUPANCY (NFPA 101)

ROOM SQUARE FOOTAGES AND OCCUPANT LOADS

ROOM	SQUARE FOOTAGE	OCCUPANT LOAD
ROOM 101 REGULATOR ROOM 01	836 SF	836 / 100 = 8
ROOM 102 ELECTRICAL ROOM	355 SF	355 / 100 = 4
ROOM 103 STORAGE ROOM	469 SF	469 / 300 = 2
ROOM 104 REGULATOR ROOM 02	957 SF	957 / 100 = 10

TYPES OF CONSTRUCTION

CONSTRUCTION TYPE: TYPE II-B; NON-SPRINKLED

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

STRUCTURAL FRAME	0 HOUR RATED
BEARING WALLS	0 HOUR RATED
EXTERIOR	0 HOUR RATED
INTERIOR	0 HOUR RATED
NONBEARING WALLS AND PARTITIONS	0 HOUR RATED
EXTERIOR	0 HOUR RATED
NONBEARING WALLS AND PARTITIONS	0 HOUR RATED
INTERIOR	0 HOUR RATED
FLOOR CONSTRUCTION	0 HOUR RATED
INCLUDING SUPPORTING BEAMS AND JOISTS	0 HOUR RATED
ROOF CONSTRUCTION	0 HOUR RATED
INCLUDING SUPPORTING BEAMS AND JOISTS	0 HOUR RATED

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS

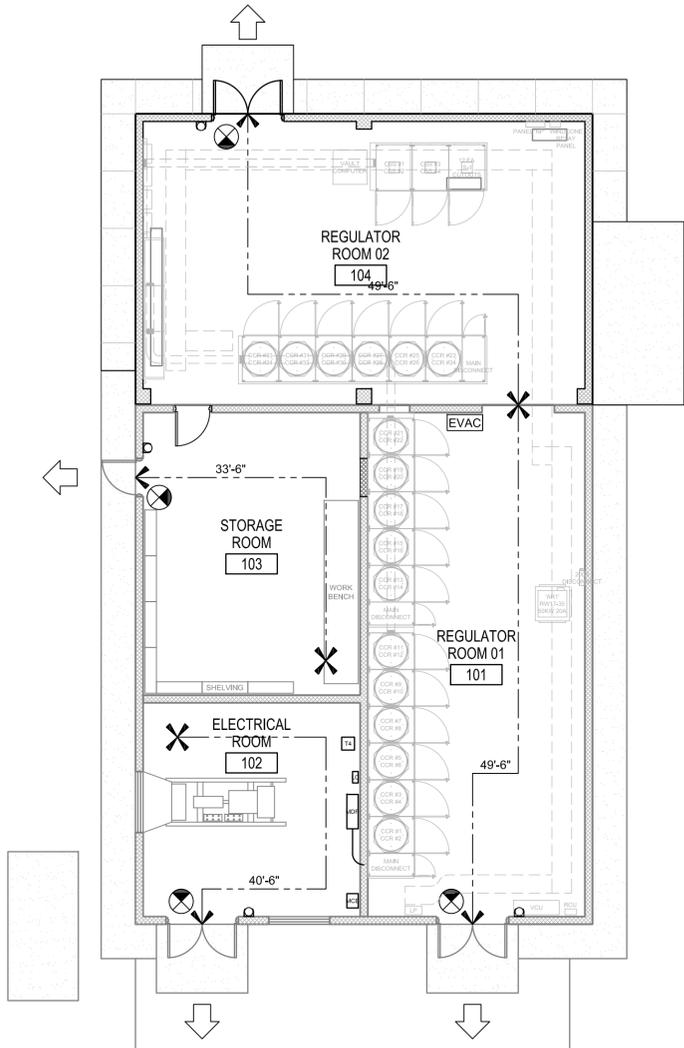
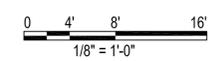
FIRE SEPARATION DISTANCE = X	1 HOUR RATED
X LESS THAN 5	1 HOUR RATED
5 LESS/EQUAL THAN X LESS THAN 10	1 HOUR RATED
10 LESS/EQUAL THAN X LESS THAN 30	0 HOUR RATED
X GREATER/EQUAL THAN 30	0 HOUR RATED

GENERAL NOTES

- REFER TO GENERAL SHEET G-001 FOR INDEX OF DRAWINGS.

LIFE SAFETY REFERENCE SYMBOLS LEGEND

- ROOM NAME
XXX
- ROOM IDENTIFIER WITH ROOM NAME AND NUMBER
XXX-XXX
- 1 HOUR FIRE RATED SEPARATION
◆◆◆
- 2 HOUR FIRE RATED SEPARATION
◆◆◆◆
- TRAVEL DISTANCE: TOTAL PATH (COMMON PATH)
➔
- CODE REQUIRED EXIT (OCCUPANT LOAD)
➔
- EXIT (TRAVEL DISTANCE)
➔
- ILLUMINATED EXIT LIGHT DIRECTIONAL
⊗
- ILLUMINATED EXIT LIGHT, SINGLE FACE
⊗
- FIRE EXTINGUISHER CABINET (FEC)
⊗
- FIRE EXTINGUISHER CABINET (FEB)
⊗
- EVAC
EVAC
- EVACUATION PLAN
⊗
- WHEELCHAIR ACCESSIBLE
♿



1 LIFE SAFETY FLOOR PLAN
 1/8"=1'-0"

APPR	8 JUN 15	DATE
ISSUED FOR BID	0	SYMBOL DESCRIPTION
APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	MN	DRW
PM / DM	MN	CHK
BRANCH MANAGER		
CHIEF ENG / ARCH		
FIRE PROTECTION		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE CIBL CORE NAS CORPUS CHRISTI NAS CORPUS CHRISTI, TEXAS AIRFIELD LIGHTING VAULT LIFE SAFETY AND CODE ANALYSIS		
SCALE: AS NOTED		
PROJECT NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO. 15095085		
SHEET	15	OF 54
A-010		
DRAWFORM REVISION: 5 APRIL 2012		

FILE NAME: P:\FVB\1641-ORCA\AE_2015114800_nas_corpus_christi_airfield_repair\20_DESSN_40_CAD\114800A-010.dwg LAYOUT NAME: A-010 LIFE SAFETY AND CODE ANALYSIS PLOTTED: Tuesday, June 09, 2015 - 11:19am USER: nobertfm

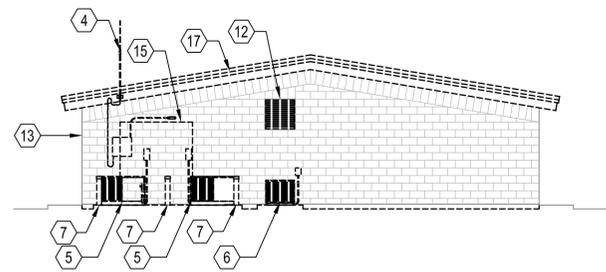
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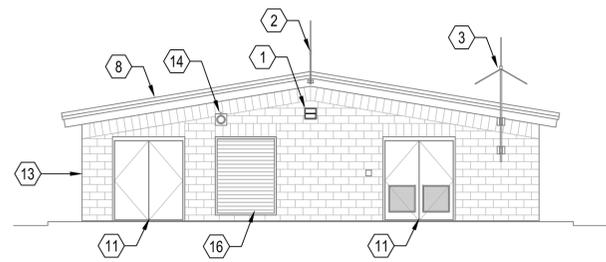
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4

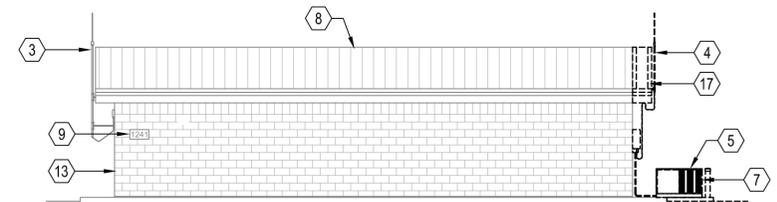
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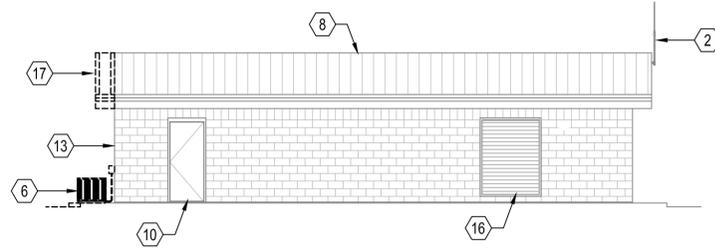
1 DEMOLITION NORTH ELEVATION
1/8"=1'-0"



2 DEMOLITION SOUTH ELEVATION
1/8"=1'-0"



3 DEMOLITION EAST ELEVATION
1/8"=1'-0"



4 DEMOLITION WEST ELEVATION
1/8"=1'-0"

KEYED NOTES (THIS SHEET ONLY)

- 1 REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE
- 2 EXISTING ANTENNA.
- 3 EXISTING ANTENNA.
- 4 REMOVE EXISTING ANTENNA.
- 5 REMOVE EXISTING CONDENSING UNIT.
- 6 REMOVE EXISTING CONDENSING UNIT.
- 7 REMOVE EXISTING BOLLARD.
- 8 EXISTING METAL PANEL ROOF.
- 9 EXISTING BUILDING SIGNAGE.
- 10 EXISTING HOLLOW METAL DOOR AND FRAME.
- 11 EXISTING PAIR OF HOLLOW METAL DOORS AND FRAME.
- 12 REMOVE EXISTING ALUMINUM LOUVER.
- 13 EXISTING LOAD BEARING CONCRETE MASONRY UNIT WALLS.
- 14 EXISTING 250KW GENERATOR EXHAUST.
- 15 REMOVE CONCRETE MASONRY UNITS. REFER TO SHEET A-101 FOR ADDITIONAL INFORMATION.
- 16 EXISTING 5'-4" x 6'-8" ALUMINUM FIXED BLADE LOUVER.
- 17 REMOVE EXISTING ROOF AS REQUIRED BUILDING ADDITION.

GENERAL NOTES

- 1. REFER TO GENERAL SHEET G-002 FOR INDEX OF DRAWINGS.
- 2. REFER TO ARCHITECTURAL SHEET A-001 FOR LEGENDS, ABBREVIATIONS, AND GENERAL NOTES.
- 3. REFER TO ARCHITECTURAL SHEET A-101 FOR FLOOR PLAN.
- 4. REFER TO ARCHITECTURAL SHEET AD201 FOR DEMOLITION EXTERIOR ELEVATIONS.
- 5. REFER TO ARCHITECTURAL SHEET A-201 FOR EXTERIOR ELEVATIONS.
- 6. REFER TO OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.

APPR	
DATE	8 JUN 15
SYMBOL	ISSUED FOR BID
DESCRIPTION	



APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: MN | DRW: MN | CHK: JMW

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
AIRFIELD REPAIRS
AIRFIELD LIGHTING VAULT
DEMOLITION EXTERIOR ELEVATIONS

SCALE: AS NOTED

PROJECT NO.

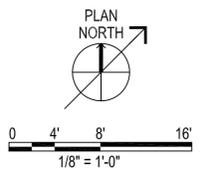
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15095087

SHEET 17 OF 54

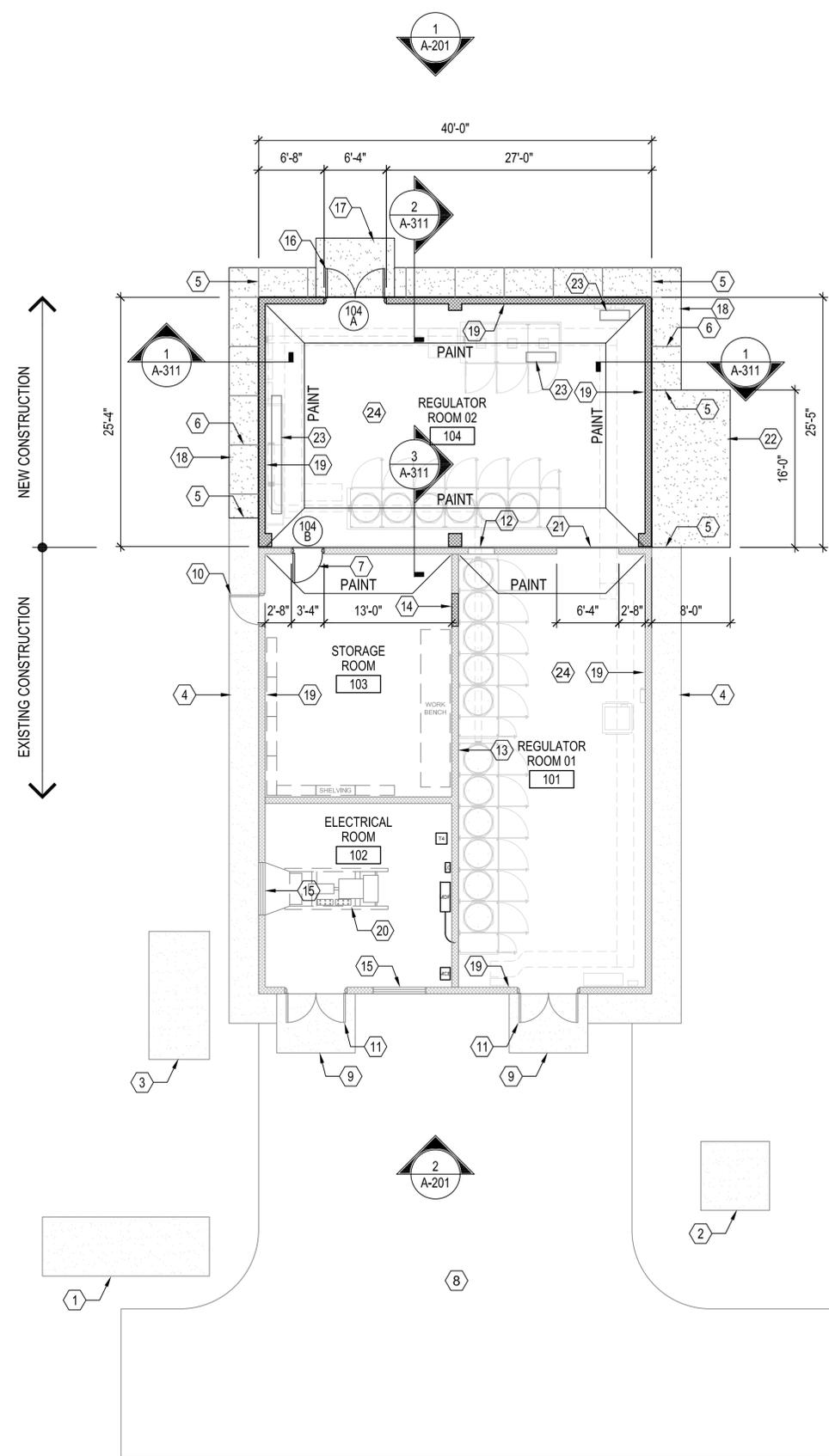
AD201

DRAWFORM REVISION: 5 APRIL 2012



FILE NAME: P:\FDB\1641-OKC\AE_205114800_nas_corpus_christi_airfield_repair\20_DESSN\40_CAD\14800A0201.dwg LAYOUT NAME: 14800A0201 PLOTTED: Tuesday, June 09, 2015 11:19am USER: nobertm

1 2 3 4 5



KEYED NOTES (THIS SHEET ONLY)

- 1 EXISTING CONCRETE TRANSFORMER PAD.
- 2 EXISTING CONCRETE SWITCH GEAR PAD.
- 3 EXISTING DIESEL FUEL TANK PAD.
- 4 EXISTING CONCRETE SIDEWALK.
- 5 EXPANSION JOINT IN SIDEWALK.
- 6 CONTROL JOINT IN SIDEWALK.
- 7 DOOR 104B. INSTALL HOLLOW METAL DOOR (3'-0" x 7'-0") AND FRAME (2" JAMB AND 2" HEAD). REFER TO ____ ON SHEET A-____ FOR DETAILS.
- 8 EXISTING ASPHALT DRIVE.
- 9 EXISTING CONCRETE STOOP.
- 10 EXISTING HOLLOW METAL DOOR AND FRAME.
- 11 EXISTING PAIR OF HOLLOW METAL DOORS AND FRAME.
- 12 EXISTING OPENING FROM REMOVAL OF ALUMINUM LOUVER TO REMAIN.
- 13 EXISTING LOAD BEARING CONCRETE MASONRY UNIT WALLS.
- 14 INFILL CONCRETE MASONRY UNIT OPENING. MATCH EXISTING CONSTRUCTION OF WALL. PAINT MANSOY.
- 15 EXISTING 5'-4" x 6'-8" ALUMINUM FIXED BLADE LOUVER.
- 16 DOOR 104A. INSTALL HOLLOW METAL DOOR (3'-0" x 7'-0" PAIR) AND FRAME (2" JAMB AND 2" HEAD). REFER TO ____ ON SHEET A-____ FOR DETAILS.
- 17 INSTALL CONCRETE STOOP. REFER TO DETAIL ____ ON SHEET A-____ FOR DETAIL OF STOOP.
- 18 INSTALL CONCRETE SIDEWALK. DIMENSIONS: 48" WIDE x 5" THICK. 4" x 4" x W3 x W3 WELDED WIRE MESH REINFORCING. CONTROL JOINT SPACING TO BE A MAXIMUM OF 60" O.C.
- 19 INSTALL TWO-COMPONENT E84 CLASS 1 (FIRE RETARDANT) SPRAY FOAM AT THE TOP OF CONCRETE MASONRY UNIT WALLS TO SEAL PERIMETER OF WALL.
- 20 EXISTING 250KW GENERATOR. REFER TO ELECTRICAL FOR ADDITIONAL INFORMATION PERTAINING TO THE GENERATOR.
- 21 6'-4" x (BOTTOM OF EXISTING 16" CONCRETE MASONRY BOND BEAM) CONCRETE MASONRY UNIT OPENING. REFER TO DETAIL ____ ON SHEET A-____ FOR DETAIL OF OPENING.
- 22 INSTALL CONCRETE AHU PAD. REFER TO STRUCTURAL FOR DETAIL OF AHU PAD (EXTERIOR EQUIPMENT PAD DETAIL).
- 23 BLOCK-OUT IN CONCRETE FLOOR SLAB. REFER TO STRUCTURAL FOR DETAIL OF BLOCK-OUT.
- 24 INSTALL HOUSEKEEPING PAD WHERE REQUIRED BY OTHER DISCIPLINES. REFER TO STRUCTURAL FOR DETAIL OF HOUSEKEEPING PAD (INTERIOR EQUIPMENT PAD DETAIL).

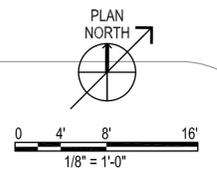
GENERAL NOTES

- 1. REFER TO GENERAL SHEET G-002 FOR INDEX OF DRAWINGS.
- 2. REFER TO ARCHITECTURAL SHEET A-001 FOR LEGENDS, ABBREVIATIONS, AND GENERAL NOTES.
- 3. REFER TO ARCHITECTURAL SHEET A-103 FOR ROOF PLAN.
- 4. REFER TO ARCHITECTURAL SHEET A-201 FOR EXTERIOR ELEVATIONS.
- 5. REFER TO OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.

HARDWARE SETS

DOOR 104A		MANUFACTURER
QTY	ITEM	
6	EACH HINGES 4B81-4.5x4.5x652	PBB HINGE COMPANY
1	AUTO FLUSH BOLT 1942x626	ROCKWOOD MANUFACTURING
1	DUST PROOF STRIKE 570x626	ROCKWOOD MANUFACTURING
1	EXIST DEVICE 99Lx626	VON DUPRIN, INC.
2	CLOSERS 1461-RW/PAXALxTB	LCN DOOR CLOSERS
1	COORDINATOR 1600xUSP	ROCKWOOD MANUFACTURING
1	ASTRAGAL 9605A	NATIONAL GUARD
2	KICK PLATE K1050-10xD.W.-2x630	ROCKWOOD MANUFACTURING
1	SET WEATHER STRIP 164Vx4D.W.	NATIONAL GUARD
2	DOOR BOTTOM 101Vx4D.W.	NATIONAL GUARD
1	THRESHOLD 653xD.W.	NATIONAL GUARD
1	OVERHEAD RAIN DRIP 16Ax4D.W.+4	NATIONAL GUARD
DOOR 104B		MANUFACTURER
QTY	ITEM	
3	EACH HINGES 4B81-4.5x4.5x652	PBB HINGE COMPANY
1	PASSAGE LATCH SET L9010P 06Ax626	SCHLAGE LOCK COMPANY
1	KICK PLATE K1050-10xD.W.-2x630	ROCKWOOD MANUFACTURING
1	STOP 440x626	ROCKWOOD MANUFACTURING
3	SILENCERS 608	ROCKWOOD MANUFACTURING

1 FLOOR PLAN
1/8"=1'-0"



FILE NAME: P:\FDB\1641-OKC\AE\201114800_nas_corpus_christi_airfield_repair\20_DESSN\40_CAD\114800A-101.dwg LAYOUT NAME: 134800A101 PLOTTED: Tuesday, June 09, 2015 - 11:19am USER: nobstbrm

SHEET FORMAT IS 22" X 34". IF PRINTED SHEET IS NOT 22" X 34", THEN IT IS NOT TO SCALE

   	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ISSUED FOR BID</td> <td style="width: 50%;">8 JUN 15</td> </tr> <tr> <td>SYMBOL</td> <td>DATE</td> </tr> <tr> <td>0</td> <td></td> </tr> </table>	ISSUED FOR BID	8 JUN 15	SYMBOL	DATE	0	
ISSUED FOR BID	8 JUN 15						
SYMBOL	DATE						
0							
<p>APPROVED</p> <p>FOR COMMANDER NAVFAC</p> <p>ACTIVITY</p> <p>SATISFACTORY TO DATE</p> <p>DES: MN DRW: MN CHK: JMW</p> <p>PM / DM</p> <p>BRANCH MANAGER</p> <p>CHIEF ENG / ARCH</p> <p>FIRE PROTECTION</p>							
<p>DEPARTMENT OF THE NAVY</p> <p>NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST</p> <p>NAVAL AIR STATION JACKSONVILLE</p> <p>CIBL CORE</p> <p>NAS CORPUS CHRISTI, TEXAS</p> <p>NAS CORPUS CHRISTI AIRFIELD REPAIRS</p> <p>AIRFIELD LIGHTING VAULT</p> <p>FLOOR PLAN</p>							
<p>SCALE: AS NOTED</p> <p>PROJECT NO.</p> <p>CONSTR. CONTR. NO.</p> <p>NAVFAC DRAWING NO. 15095088</p> <p>SHEET 18 OF 54</p> <p>A-101</p> <p style="font-size: small;">DRAWFORM REVISION: 5 APRIL 2012</p>							

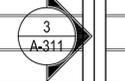
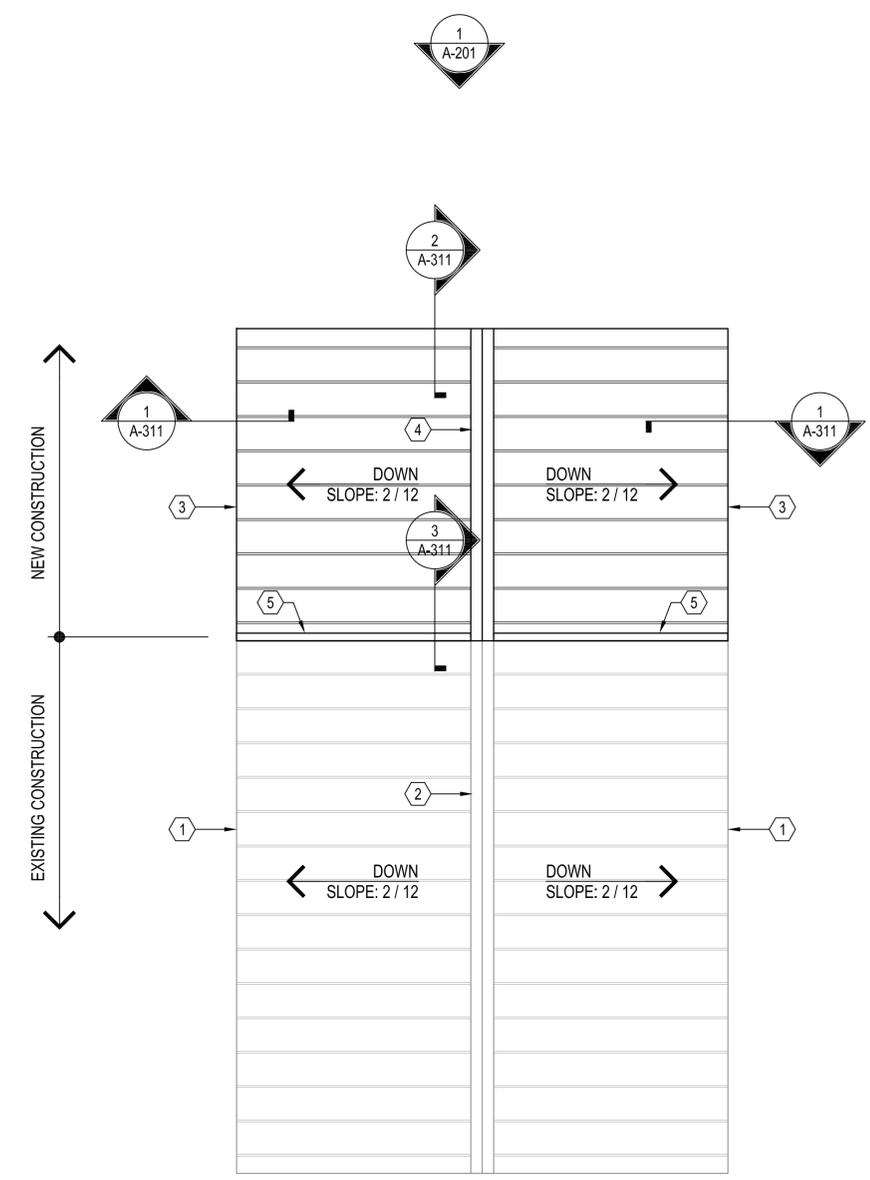
1 2 3 4 5

KEYED NOTES (THIS SHEET ONLY)

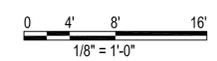
- 1 EXISTING METAL PANEL ROOF.
- 2 EXISTING METAL RIDGE TRIM.
- 3 METAL PANEL ROOF. METAL ROOF PANEL TO MATCH EXISTING.
- 4 METAL RIDGE TRIM. METAL RIDGE TRIM TO MATCH EXISTING.
- 5 METAL ROOF TO ROOF TRIM.

GENERAL NOTES

- 1. REFER TO GENERAL SHEET G-002 FOR INDEX OF DRAWINGS.
- 2. REFER TO ARCHITECTURAL SHEET A-001 FOR LEGENDS, ABBREVIATIONS, AND GENERAL NOTES.
- 3. REFER TO ARCHITECTURAL SHEET A-101 FOR FLOOR PLAN.
- 4. REFER TO ARCHITECTURAL SHEET A-201 FOR EXTERIOR ELEVATIONS.
- 5. REFER TO OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.



1 ROOF PLAN
1/8" = 1'-0"

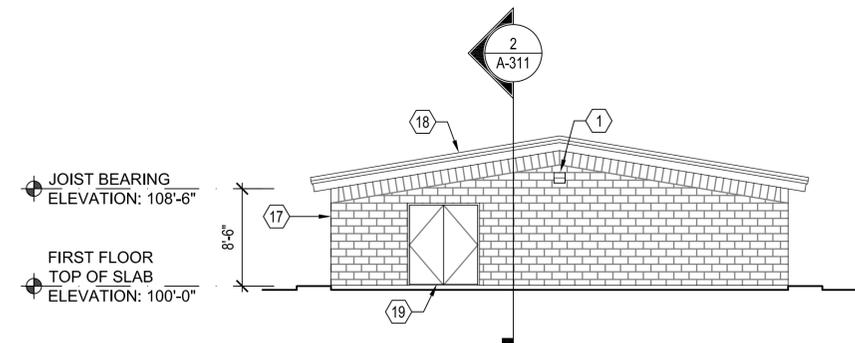


SYMBOL	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR BID	8 JUN 15	

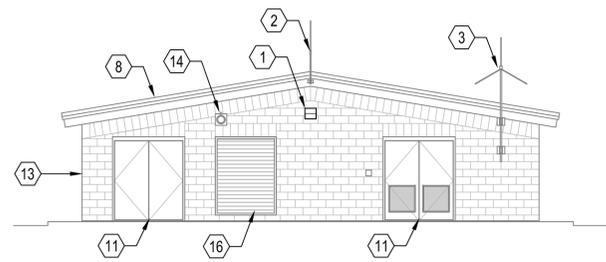


APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES	MN
DRW	MN
CHK	JMW
PM / DM	
BRANCH MANAGER	
CHIEF ENG / ARCH	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY	
NAVAL FACILITIES ENGINEERING COMMAND	
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST	
NAVAL AIR STATION JACKSONVILLE	
CIBL CORE	
NAS CORPUS CHRISTI	
NAS CORPUS CHRISTI AIRFIELD REPAIRS	
AIRFIELD LIGHTING VAULT	
ROOF PLAN	
SCALE:	AS NOTED
PROJECT NO.	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	15095089
SHEET	19 OF 54
A-103	

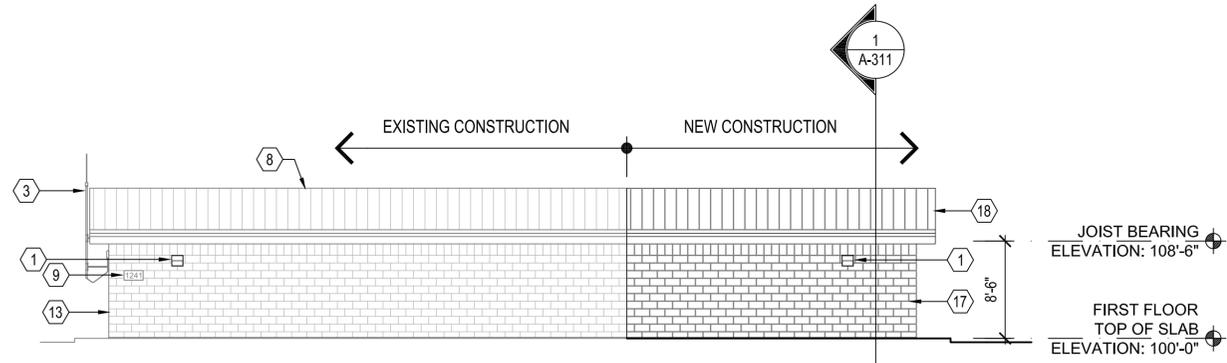
FILE NAME: P:\FDB\1641-OKC\AE\205114800_nas_corpus_christi_airfield_repair\20_DESSN\40_CAD\14800A-103.dwg LAYOUT NAME: A-103 ROOF PLAN PLOTTED: Tuesday, June 09, 2015 - 11:19am USER: nobartm



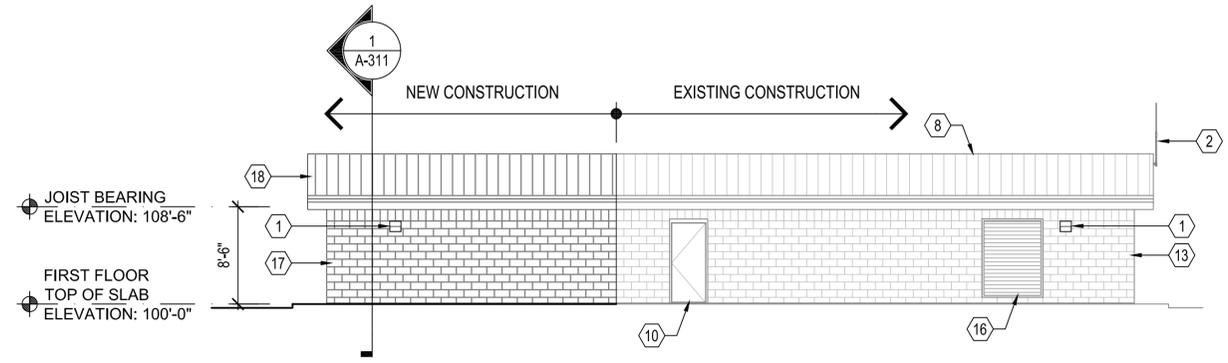
1 NORTH ELEVATION
1/8"=1'-0"



2 SOUTH ELEVATION
1/8"=1'-0"



3 EAST ELEVATION
1/8"=1'-0"



4 WEST ELEVATION
1/8"=1'-0"

GENERAL CONSTRUCTION NOTES

1. VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
3. SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE THE EXTENTS OF DEMOLITION.
4. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM CONSTRUCTION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
5. WORK AREA IS TO BE CLEANED AT THE END OF DAYS WORK, MORE OFTEN WHEN NECESSARY AND THE DEBRIS PROPERLY DISPOSED. STOCKPILING OF DEBRIS WILL NOT BE ACCEPTED.
6. IN THE EVENT OF CONFLICTS, ADDITIONAL DETAIL, OR GUIDANCE IS NEEDED FOR THE CONSTRUCTION OF ANY ASPECT OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE GOVERNMENT AND SUBMIT THE REQUIRED REQUEST FOR INFORMATION (RFI) FORM.
7. THE CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK. BEGINNING WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.
8. THE CONTRACTOR AND/OR HIS SUB-CONTRACTORS ARE RESPONSIBLE FOR THEIR WORK AND MATERIALS MEETING APPLICABLE CODES, ORDINANCES, AND STANDARDS.
9. PROVIDE EMERGENCY FIRE EXTINGUISHERS READILY AVAILABLE AND PROPERLY MAINTAINED AS PER LOCAL FIRE PROTECTION REGULATIONS.
10. DO NOT INTERRUPT POWER TO THE BUILDING AT ANY TIME DURING CONSTRUCTION OPERATIONS WITHOUT PRIOR NOTICE TO THE OWNER.
11. FOR ADDITIONAL INFORMATION ON THE REMOVAL AND INSTALLATION OF EQUIPMENT WITHIN THE SCOPE OF THE PROJECT, REFER TO OTHER DISCIPLINES.
12. ALL NECESSARY STEPS ARE TO BE TAKEN TO PREVENT THE INFILTRATION OF DUST INTO ADJACENT AREAS CONTAINING EQUIPMENT NOT IN THIS CONTRACT.
13. DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT RESULTS IN VISUAL EVIDENCE OF CUTTING AND PATCHING.
14. REMOVE, REPLACE, PATCH, AND REPAIR MATERIALS AND SURFACES CUT OR DAMAGED DURING CUTTING AND PATCHING OPERATIONS.
15. USE MATERIALS IDENTICAL TO EXISTING MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES TO THE FULLEST POSSIBLE EXTENT.
16. CUT HOLES AND SLOTS AS SMALL AS POSSIBLE, NEATLY TO SIZE REQUIRED, AND WITH MINIMUM DISTURBANCE OF ADJACENT SURFACES. CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES.
17. PATCH CONSTRUCTION BY FILLING, REPAIRING, REFINISHING, CLOSING UP, AND SIMILAR OPERATIONS FOLLOWING PERFORMANCE OF OTHER WORK.
18. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO RETAINED ADJOINING CONSTRUCTION IN A MANNER THAT WILL ELIMINATE EVIDENCE OF PATCHING AND REFINISHING.
19. WHERE PATCHING OCCURS IN A PAINTED SURFACE, APPLY PRIMER AND INTERMEDIATE PAINT COATS OVER THE PATCH AND APPLY FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING THE PATCH. PROVIDE ADDITIONAL COATS UNTIL PATCH BLENDS WITH ADJACENT SURFACE.

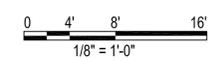
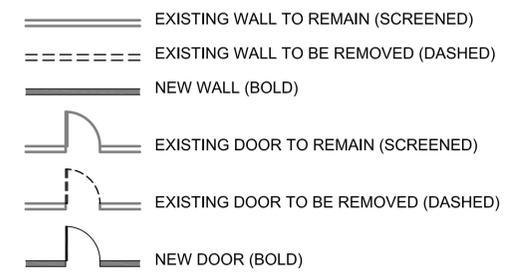
GENERAL NOTES

1. REFER TO GENERAL SHEET G-002 FOR INDEX OF DRAWINGS.
2. REFER TO ARCHITECTURAL SHEET A-001 FOR LEGENDS, ABBREVIATIONS, AND GENERAL NOTES.
3. REFER TO ARCHITECTURAL SHEET A-101 FOR FLOOR PLAN.
4. REFER TO ARCHITECTURAL SHEET A-103 FOR ROOF PLAN.
5. REFER TO OTHER DISCIPLINES FOR ADDITIONAL INFORMATION.

KEYED NOTES (THIS SHEET ONLY)

1. INSTALL WALL MOUNTED LIGHT FIXTURE.
2. EXISTING ANTENNA.
3. EXISTING ANTENNA.
4. NOT USED
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. EXISTING METAL PANEL ROOF.
9. EXISTING BUILDING SIGNAGE.
10. EXISTING HOLLOW METAL DOOR AND FRAME.
11. EXISTING HOLLOW METAL DOOR AND FRAME.
12. EXISTING ALUMINUM LOUVER.
13. EXISTING LOAD BEARING CONCRETE MASONRY UNIT WALLS.
14. EXISTING 250KW GENERATOR EXHAUST.
15. NOT USED.
16. EXISTING 5'-4" x 6'-8" ALUMINM FIXED BLADE LOUVER.
17. INSTALL LOAD BEARING CONCRETE MASONRY UNIT WALLS.
18. INSTALL METAL PANEL ROOF.
19. INSTALL HOLLOW METAL DOOR (3'-0" x 7'-0" PAIR) AND FRAME (2" JAMB AND 4" HEAD).

CONSTRUCTION LEGEND



ISSUED FOR BID	0	SYL	DESCRIPTION
DATE	8 JUN 15	DATE	
APPROVED FOR COMMANDER NAVFAC ACTIVITY SATISFACTORY TO DATE DES: MN DRW: MN CHK: JMW PM / DM BRANCH MANAGER CHIEF ENGR / ARCH FIRE PROTECTION			
NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE CORPUS CHRISTI, TEXAS NAS CORPUS CHRISTI AIRFIELD REPAIRS AIRFIELD LIGHTING VAULT EXTERIOR ELEVATIONS			
SCALE: AS NOTED PROJECT NO.: CONSTR. CONTR. NO.: NAVFAC DRAWING NO.: 15095090 SHEET 20 OF 54 A-201 DRAWFORM REVISION: 5 APRIL 2012			