

HURRICANE REPAIRS TO THE MYRTLE BEACH TRANSFER STATION

3221 10th Avenue Extended N, Myrtle Beach, SC 29577

MYRTLE BEACH, SOUTH CAROLINA

PROJECT #17-B0073

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MECHANICAL

M1.0 CONTROL LEVEL FLOOR PLAN

ARCHITECT

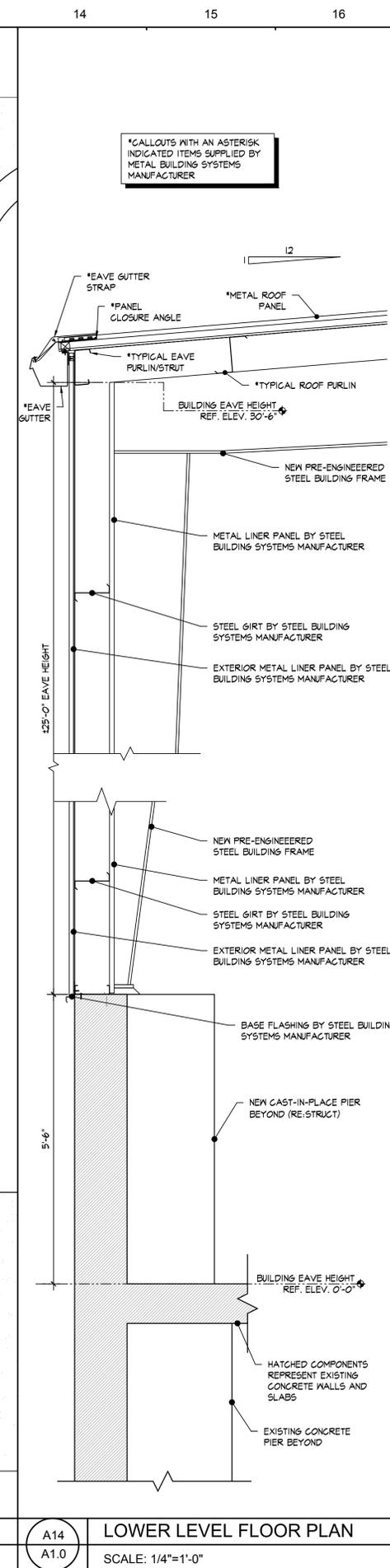
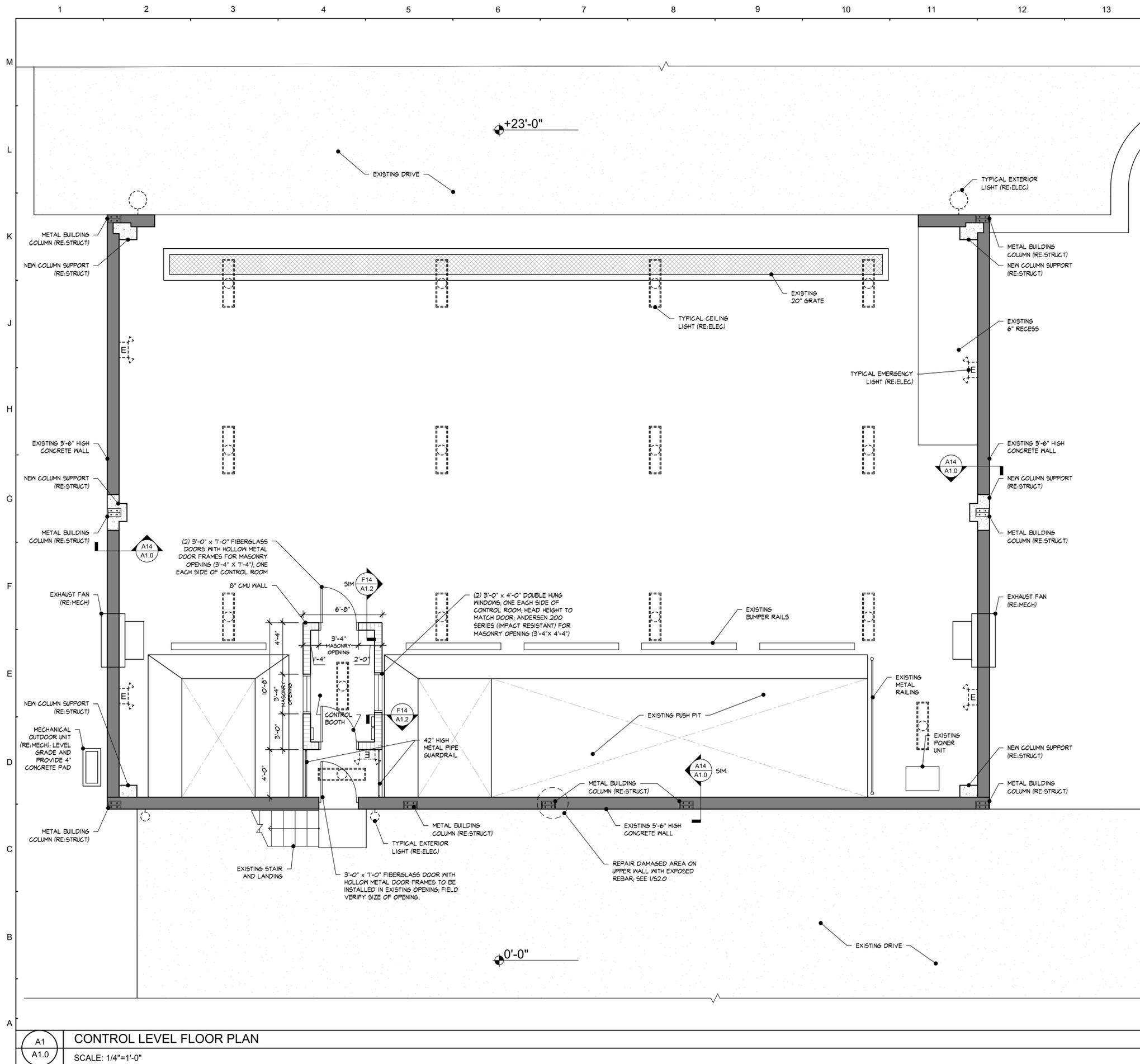
TYCH & WALKER ARCHITECTS, L.L.P.
PAWLEYS ISLAND, SOUTH CAROLINA
843-651-7151

STRUCTURAL ENGINEER

WEATHERLY ENGINEERING
MYRTLE BEACH, SOUTH CAROLINA
843-448-3428

PM&E ENGINEERS

MCKNIGHT SMITH WARD GRIFFIN INC.
CHARLOTTE, NORTH CAROLINA
704-527-2112



GENERAL NOTES

*CALLOUTS WITH AN ASTERISK INDICATED ITEMS SUPPLIED BY METAL BUILDING SYSTEMS MANUFACTURER

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HURRICANE REPAIRS TO THE
MYRTLE BEACH TRANSFER STATION
MYRTLE BEACH, SOUTH CAROLINA

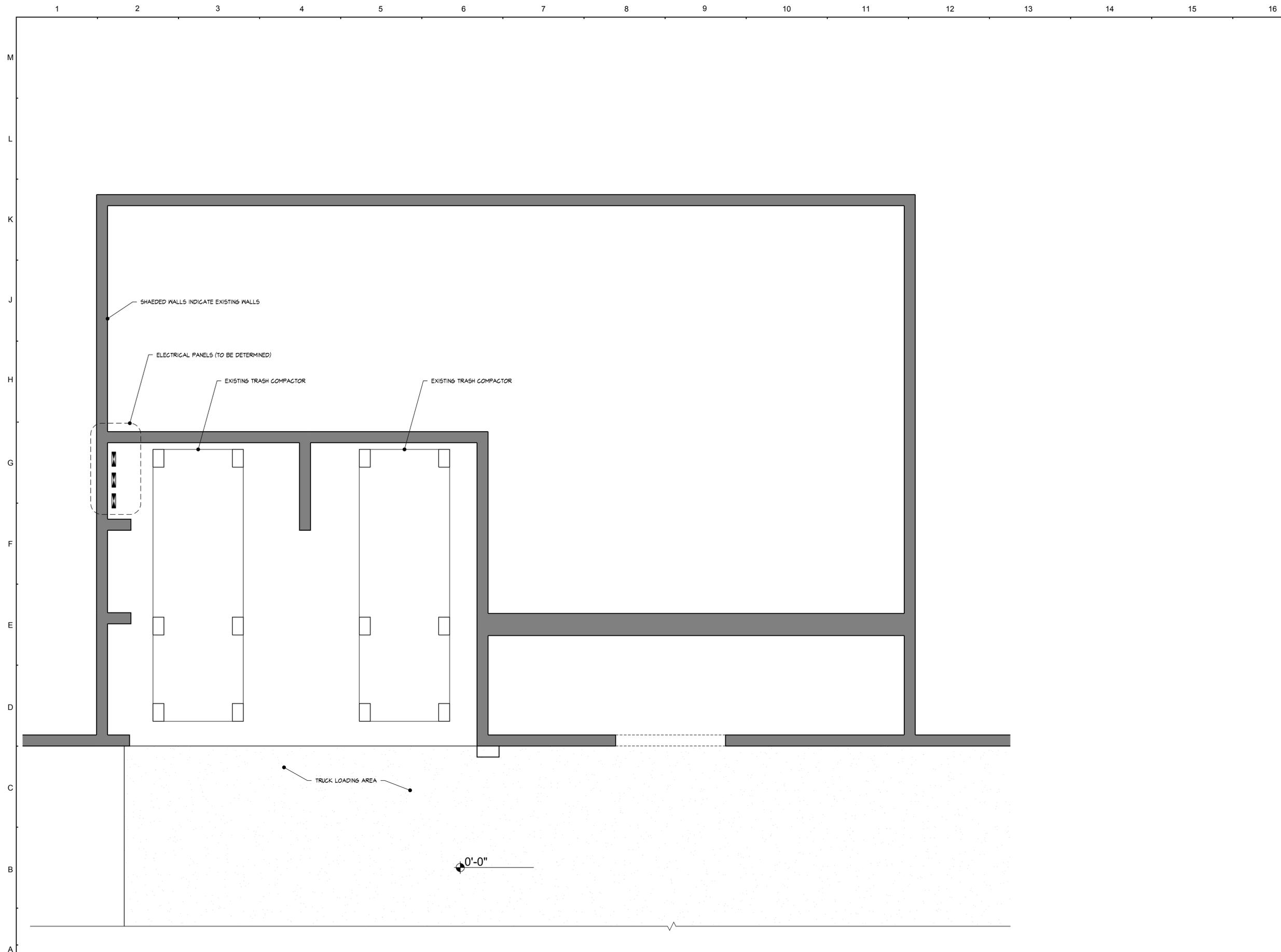
REVISION	DATE

2017-04
04/25/17
CONTROL LEVEL FLOOR PLAN

A1.0

A1
A1.0
CONTROL LEVEL FLOOR PLAN
SCALE: 1/4"=1'-0"

A14
A1.0
LOWER LEVEL FLOOR PLAN
SCALE: 1/4"=1'-0"



GENERAL NOTES

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ARCHITECTS, LLP

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REVISION	DATE

HURRICANE REPAIRS TO THE
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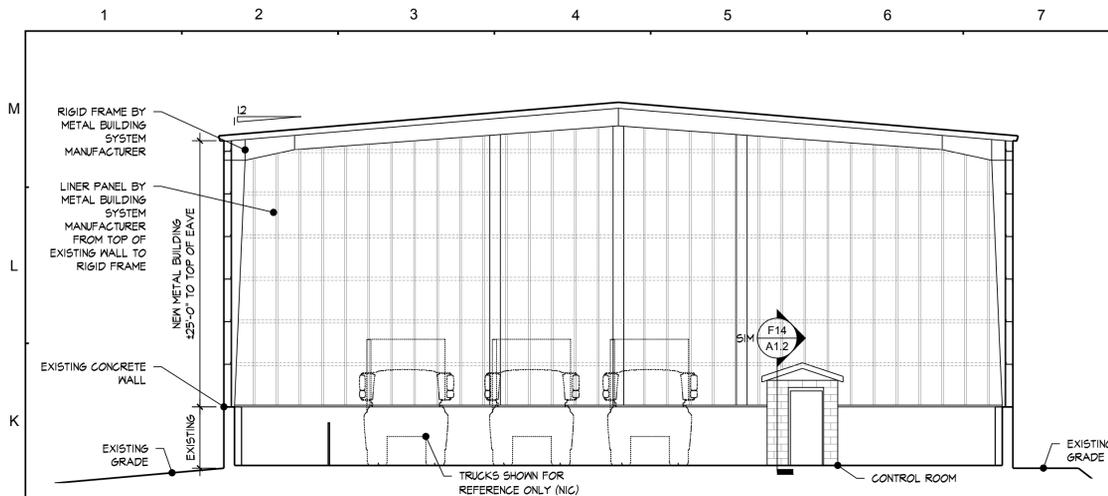
MYRTLE BEACH, SOUTH CAROLINA

2017-04
04/25/17
LOWER LEVEL FLOOR PLAN

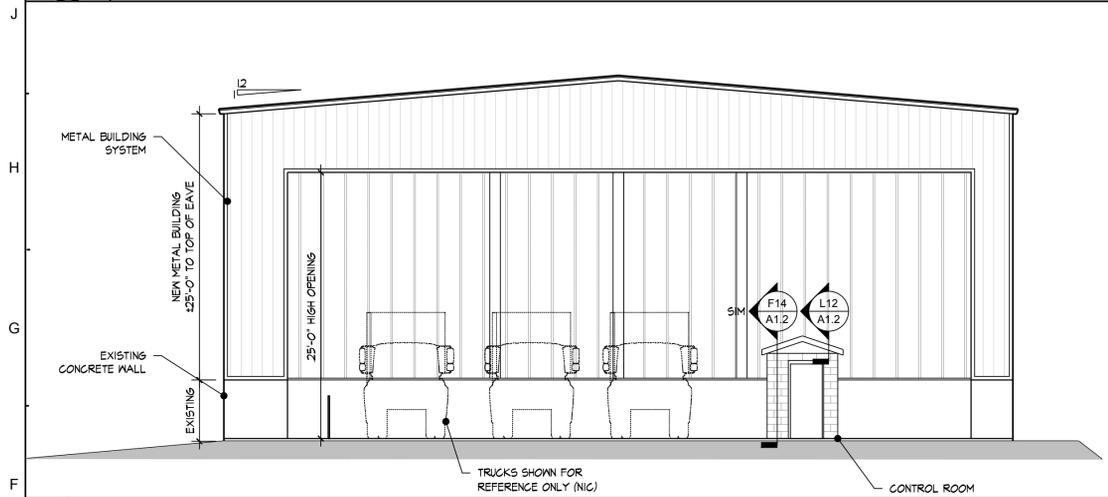
A1.1

A1
LOWER LEVEL FLOOR PLAN

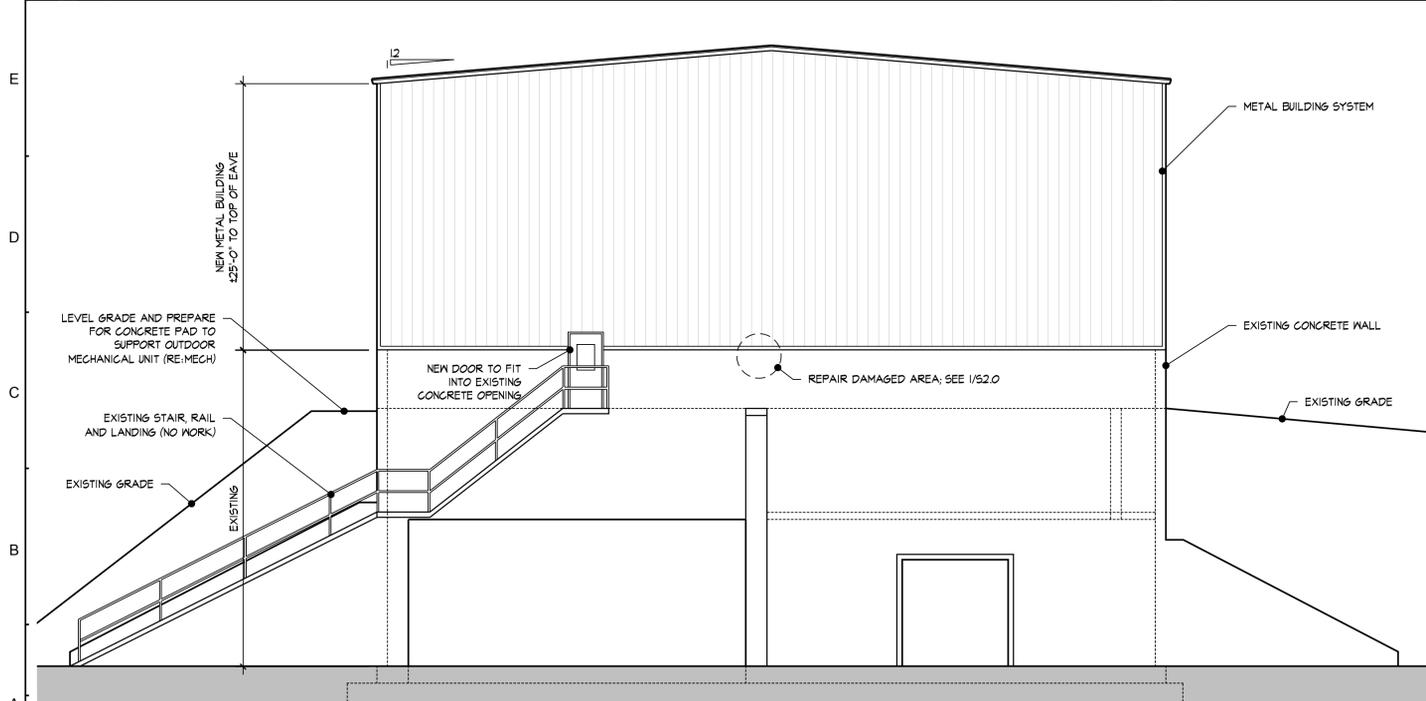
SCALE: 1/4"=1'-0"



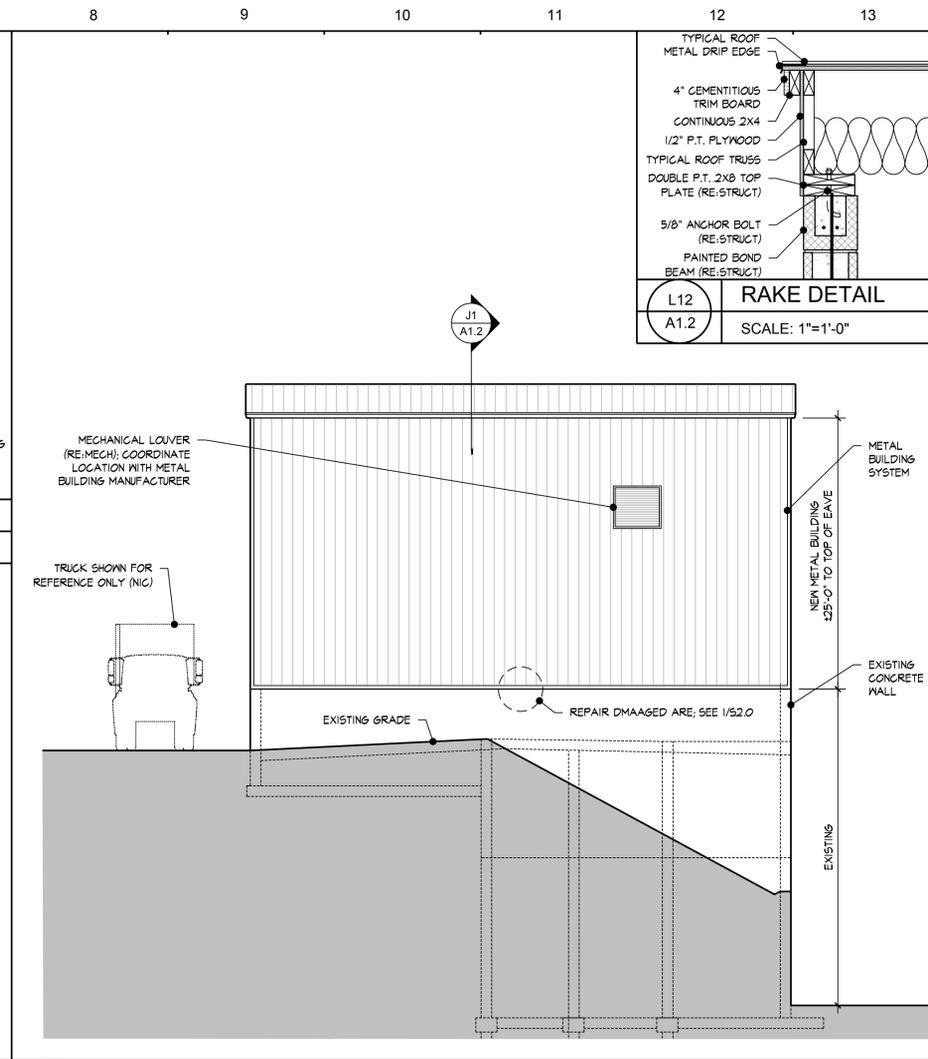
J1
A1.2
BUILDING SECTION
SCALE: 1/8"=1'-0"



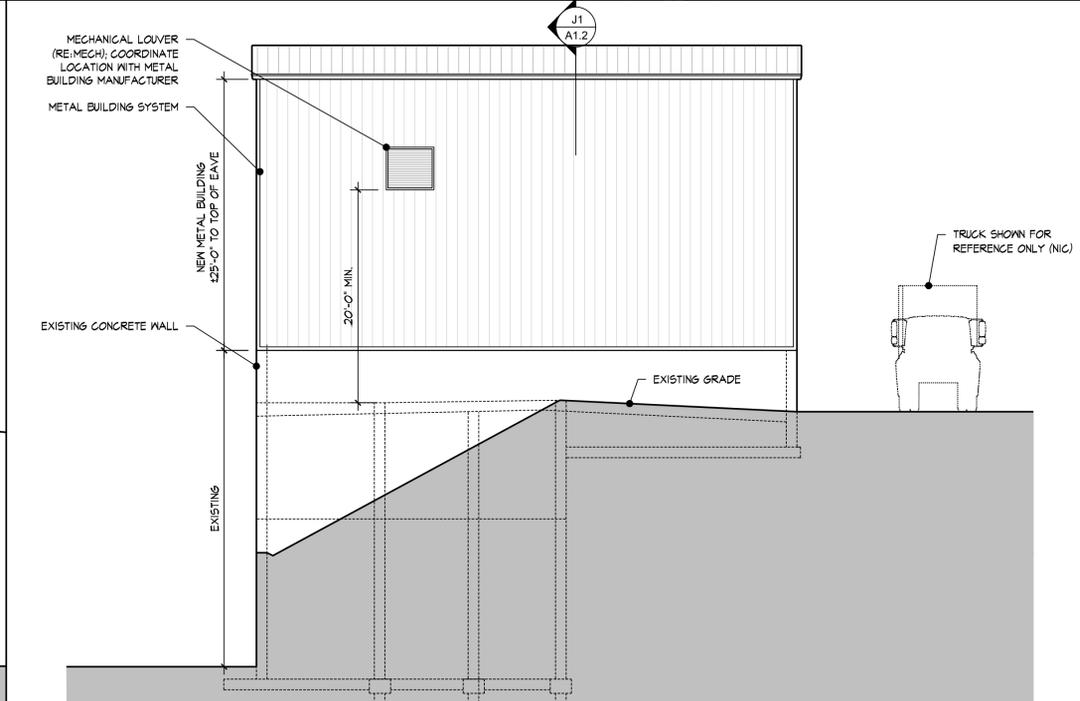
F1
A1.2
LOADING DOCK ELEVATION
SCALE: 1/8"=1'-0"



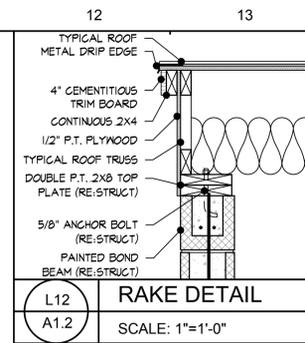
A1
A1.2
LOADING DOCK ELEVATION
SCALE: 1/8"=1'-0"



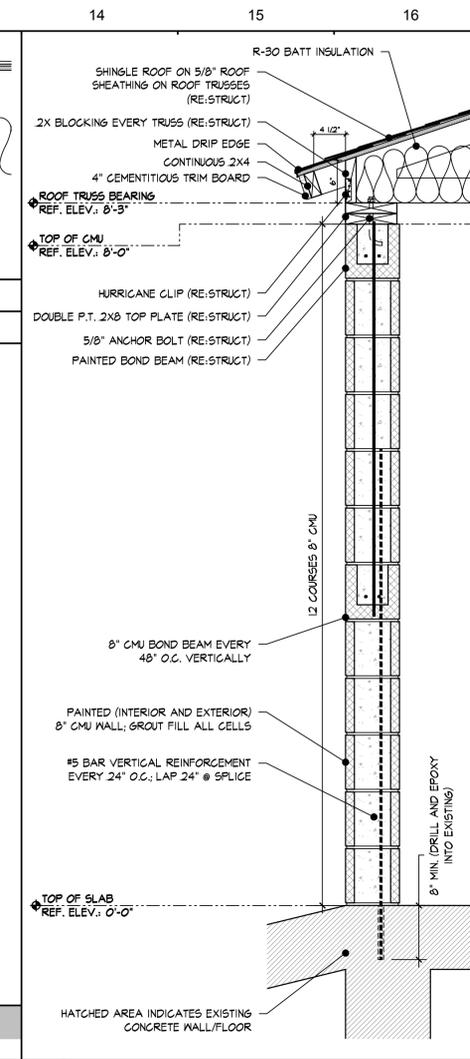
F8
A1.2
RIGHT SIDE ELEVATION
SCALE: 1/8"=1'-0"



A9
A1.2
ENTRY ELEVATION
SCALE: 1/8"=1'-0"



L12
A1.2
RAKE DETAIL
SCALE: 1"=1'-0"



F14
A1.2
CONTROL ROOM WALL
SCALE: 1"=1'-0"

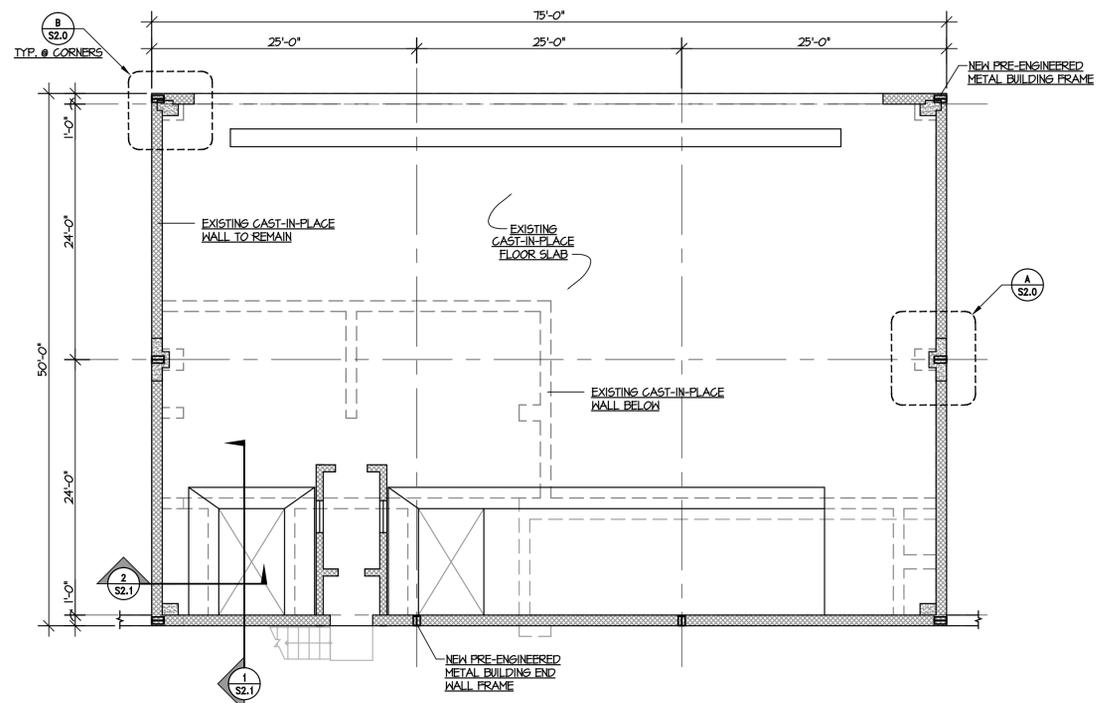
GENERAL NOTES

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HURRICANE REPAIRS TO THE
MYRTLE BEACH TRANSFER STATION
MYRTLE BEACH, SOUTH CAROLINA

2017-04
04/25/17
ELEVATION/SECTIONS

A1.2



EXISTING CONTROL LEVEL
 FLOOR PLAN
 SCALE 1/8" = 1'-0"

STRUCTURAL/GENERAL NOTES:

- AS PART OF MEANS AND METHODS, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND ERECTION OF TEMPORARY BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURAL SYSTEM AND STRUCTURAL COMPONENTS DURING ALL PHASES OF CONSTRUCTION. WEATHERLY ENGINEERING ARE NOT PROVIDERS FOR THE DESIGN OF SHORING, SCAFFOLDING, FORMING OR PROJECT SAFETY. THOUGH A REPRESENTATIVE MAY VISIT THE SITE, OUR PERSONNEL ARE NOT HIRED OR TRAINED IN THE PROJECT SAFETY REQUIREMENTS AS REQUIRED BY REGULATIONS OR SPECIFIED BY THE CONTRACTOR AND/OR HIS SAFETY OFFICER(S). MEANS AND METHODS ARE SOLELY THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL SLOTS, PIPE SLEEVES, ANCHOR BOLTS, ETC. AS REQUIRED FOR ALL TRADES PRIOR TO CONSTRUCTING THAT PORTION OF THE PROJECT.
- CONTRACTOR SHALL MAKE NO DEVIATIONS FROM DESIGN DRAWINGS AND SPECIFICATIONS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT AND/OR STRUCTURAL ENGINEER.
- THE CONTRACTOR SHALL BUILD THIS PROJECT IN ACCORDANCE TO ALL APPLICABLE BUILDING CODES AND SAFETY STANDARDS AND/OR REGULATIONS.

GEOTECHNICAL:

- A GEOTECHNICAL ENGINEER AND/OR TESTING LABORATORY SHALL BE RETAINED FOR THE PURPOSES OF ASSURING ADEQUATE SOIL SUPPORT FOR FOUNDATION AND SLABS-ON-GRADE (INCLUDING EXTERIOR CONCRETE PADS). A COPY OF ALL TEST REPORTS SHALL REMAIN ON FILE AT THE JOB SITE AVAILABLE FOR THE DESIGN TEAM. ANY TESTS DEEMED UNACCEPTABLE SHALL BE COPIED AND SENT TO THE ARCHITECT AND STRUCTURAL ENGINEER. THE CONTRACTOR SHALL FORWARD COPIES OF ALL REPORTS TO THE OWNER AS REQUIRED BY THEIR AGREEMENT.
- TOP OF ALL SPREAD FOOTINGS SHALL BE A MINIMUM OF 12" BELOW FINISHED GRADE UNLESS NOTED OTHERWISE (NO).
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXCAVATIONS AND SLOPES.
- WEATHERLY ENGINEERING ARE NOT RESPONSIBLE FOR TRASH, DEBRIS, SOFT AREAS FOR ANY OTHER ANOMALY WHICH MAY FOUND UNDER THE BUILDING SITE WHETHER PLACED THERE OR NATURALLY OCCURRING.

CONCRETE:

- ALL CONCRETE AND REINFORCING BARS SHALL BE INSTALLED ACCORDING TO STANDARDS SET FORTH BY THE LATEST EDITION OF ACI-318.
- REINFORCEMENT SHALL BE HELD IN PLACE DURING CONCRETE PLACEMENT. IF REQUIRED, ADDITIONAL BARS MAY BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.
- THE 28 DAY MINIMUM CONCRETE COMPRESSIVE STRENGTH OF CONCRETE FOR THIS PROJECT SHALL BE 4000 PSI. NO CALCIUM CHLORIDE SHALL BE USED IN MIX.
- THE CONTRACTOR SHALL TAKE ADDITIONAL PRECAUTIONS WHEN CONCRETE IS TO BE PLACED AND CURED DURING COLD OR HOT WEATHER. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS PRESCRIBED BY AMERICAN CONCRETE INSTITUTE FOR COLD OR HOT WEATHER CONSTRUCTION.
- NO ADDITIONAL WATER SHALL BE ADDED TO THE CONCRETE ABOVE THAT PRESCRIBED IN THE MIX DESIGN UNLESS APPROVED BY THE ARCHITECT OR STRUCTURAL ENGINEER.
- REINFORCING STEEL SHALL BE GRADE 60, MINIMUM LAP IN CONCRETE SHALL BE IN ACCORDANCE W/ ACI-318.
- WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 1'-0".
- ALL PLUMBING SLOTS SHALL BE FILLED WITH CONCRETE TO THE SAME DEPTH AS THE FLOOR SLAB AFTER PIPING IS INSTALLED.
- THE CONTRACTOR, CONCRETE SUPPLIERS AND ALL RELATED SUBCONTRACTORS SHALL BE EXPERIENCED IN THE USE OF CONCRETE ADMIXTURES, SEALERS, CURING COMPOUNDS, ETC. AS SPECIFIED IN THE CONTRACT DOCUMENTS OR IN THE CONCRETE MIX.
- UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR SHALL SPACE SLAB JOINTS NOT EXCEED 36 TIMES THE SLAB THICKNESS PER ACI (AMERICAN CONCRETE INSTITUTE). THE WIDTH TO LENGTH OF JOINTED SECTIONS SHALL NOT EXCEED THE RATIO OF 1 TO 1-1/2.
- ALL ANCHOR BOLTS SHALL EXTEND TO BOTTOM OF FOOTING - THE CONTRACTOR SHALL PROVIDE 3 INCHES OF CONCRETE COVER. DEPENDING ON THE METHOD OF CONSTRUCTION AND FIELD CONDITIONS, THE CONTRACTOR MAY BE REQUIRED TO INSTALL LEVELING NUTS AND NON-SHRINK GROUT AS NEEDED TO PROVIDE ADEQUATE CONTACT BELOW ALL STEEL COLUMN BASE PLATES.

PRE-ENGINEERED METAL BUILDING AND COMPONENTS:

- THE METAL BUILDING DESIGN FOR THIS PROJECT IS PROPRIETARY AND SHALL BE PERFORMED UNDER THE SUPERVISION OF A SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER.

LOAD TABLE	
2015 INTERNATIONAL BUILDING CODE AND ASCE 7-10	
RISK CATEGORY: = II	
LIVE LOADS:	
1. UNIFORM FLOOR LOAD =	250 psf
2. ROOF LOADS:	
A. Basic roof live load =	20 psf
Note: It shall be unlawful to place, cause or permit to be placed, on any floor or roof of a building, structure, or portion thereof, a load greater than is permitted by these requirements. (per IBC 1603.2)	
DEAD LOADS:	
1. USE ACTUAL DEAD LOADS OF MATERIALS	
SNOW LOADS:	
GROUND SNOW LOAD - P _g = 10 psf	
WIND LOADS:	
V _{ultimate} = 147 (mph)	
V _{asp} = 114 (mph)	
WIND EXPOSURE = C	
In wind borne regions, glazed openings shall be protected in the accordance with IBC 2015, ASCE 7-10 & local codes/requirements.	
INTERNAL PRESSURE COEFFICIENT:	
Partially Enclosed Building +/- 55%	
SEISMIC LOADS:	
SOIL SITE CLASS - D	
SEISMIC IMPORTANCE FACTOR - I _e = 1.0	
SPECTRAL RESPONSE ACCELERATIONS	
S _s = 0.52	S ₁ = 0.19
SPECTRAL RESPONSE COEFFICIENTS	
S _{de} = 0.48	S _{d1} = 0.26
SEISMIC DESIGN CATEGORY = D	
* Much of the information presented in this load table originates from the applicable building code(s). The structural design for systems such as metal studs, exterior doors, windows, skylights, roofing systems, etc. will be more complicated and more building specific than indicated in this table. Designers and suppliers must refer to the applicable building codes, site conditions and architectural drawings to adequately design and / or specify their individual components and systems.	

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PROJECT NO.	ABW
PROJECT NAME	ABW
DATE	3/17/17
REVISION	
NO. 1	D
NO. 2	D
NO. 3	D
NO. 4	D
NO. 5	D

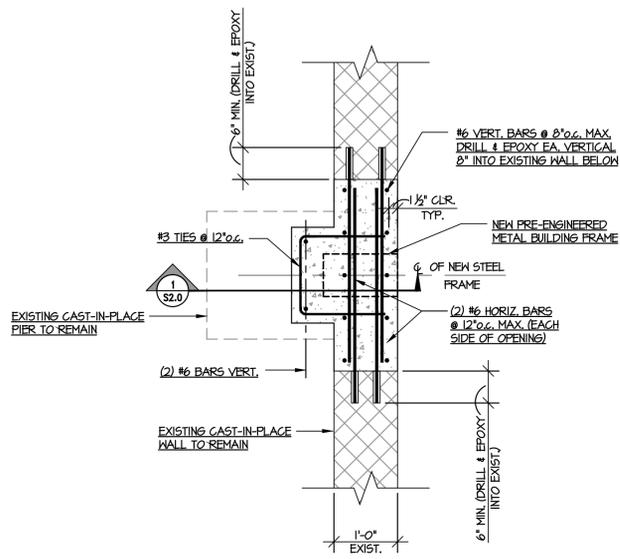


A REPLACEMENT BUILDING
 FOR
 GARBAGE TRANSFER STATION
 Myrtle Beach, South Carolina

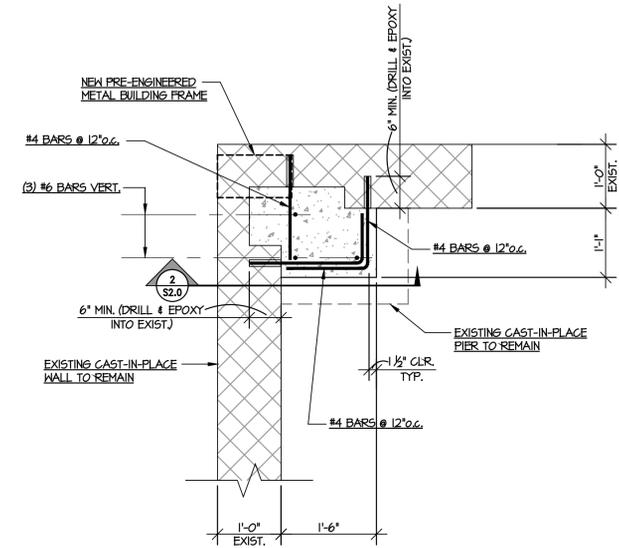
Weatherly
 STRUCTURAL ENGINEERS
 514 Alder Street, Myrtle Beach, South Carolina
 Ph. 448.448.3428 - Fax: 843.445.9116

PROJECT NO.	WE-17-119
SCALE	S1.0

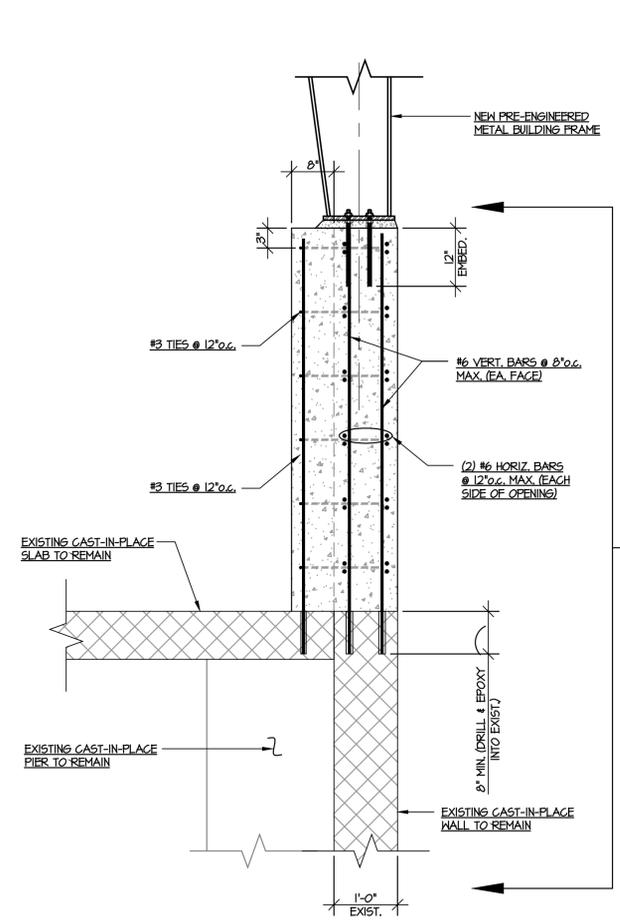
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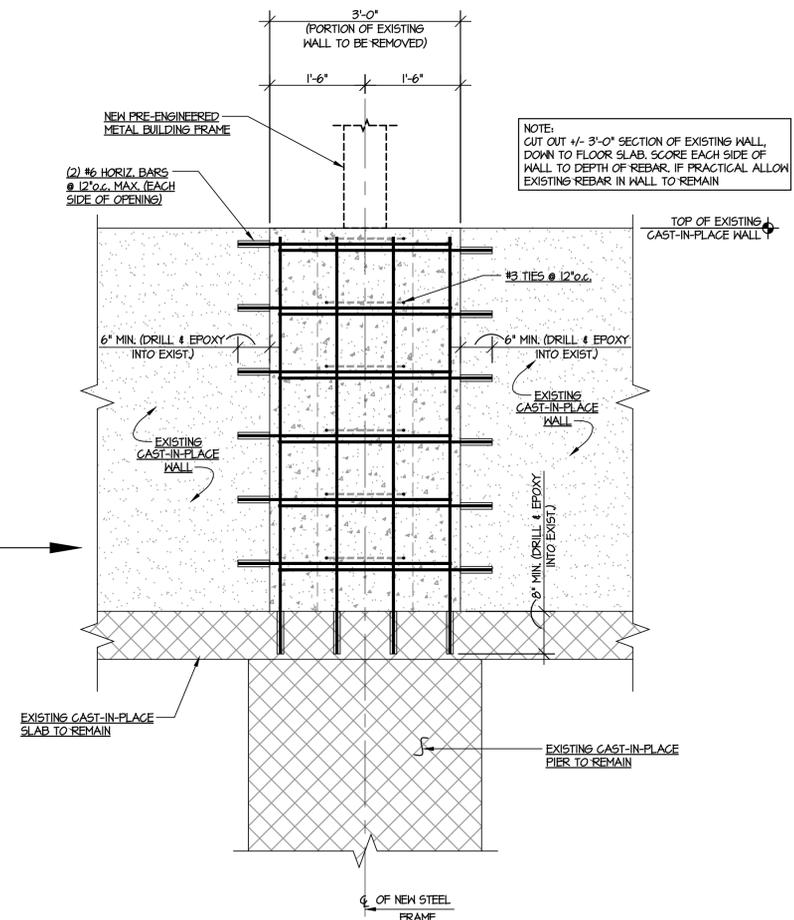
PLAN VIEW A
 SCALE === 3/4"=1'-0" S2.0



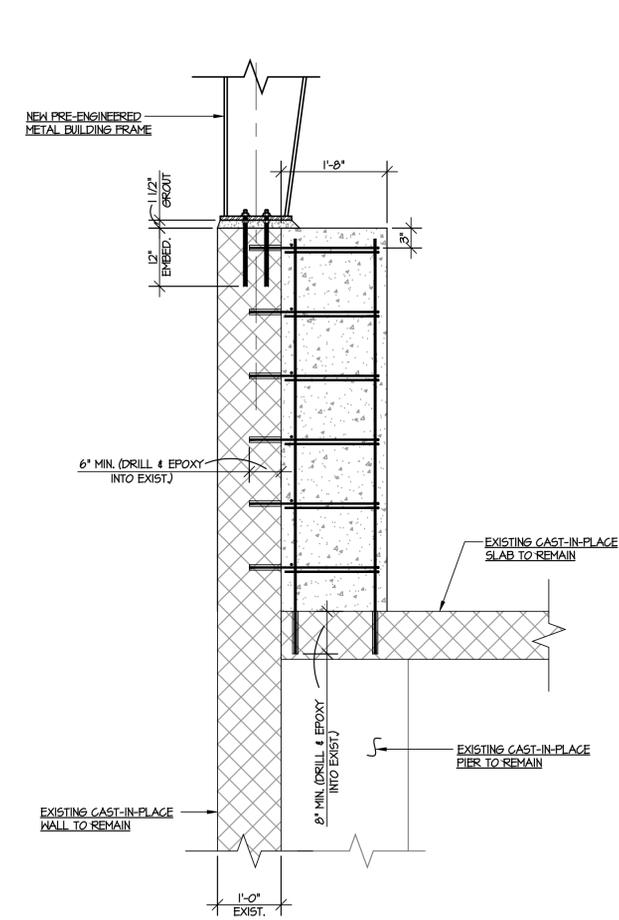
PLAN VIEW B
 SCALE === 3/4"=1'-0" S2.0



SECTION 1
 SCALE === 3/4"=1'-0" S2.0

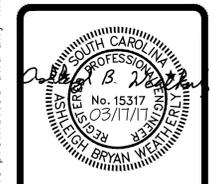


ELEVATION



SECTION 2
 SCALE === 3/4"=1'-0" S2.0

Project: 17-119
Drawn: ABW
Checked: ABW
Date: 3/17/17
Scale: S2.0

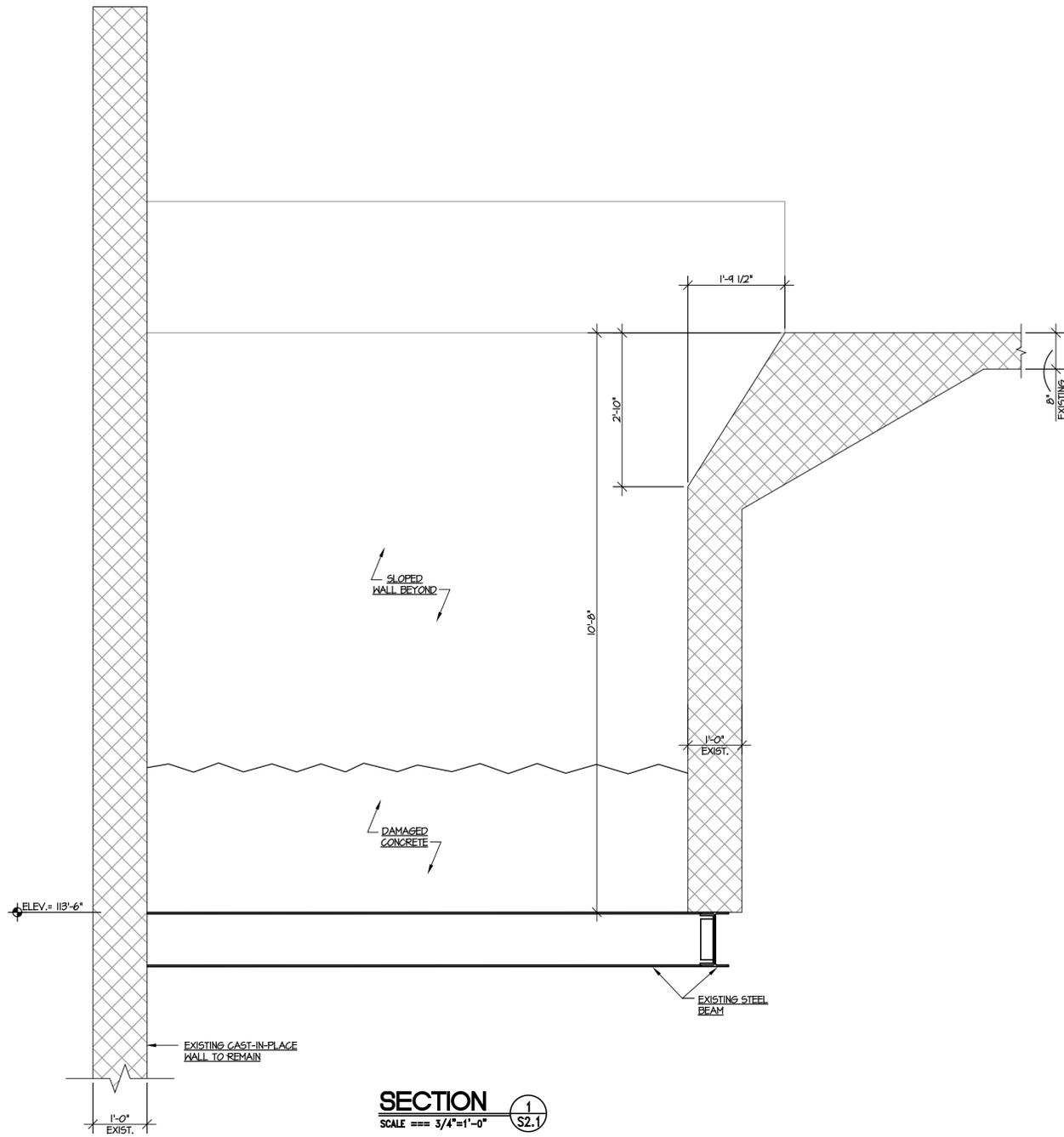


A REPLACEMENT BUILDING FOR
GARBAGE TRANSFER STATION
 Myrtle Beach, South Carolina

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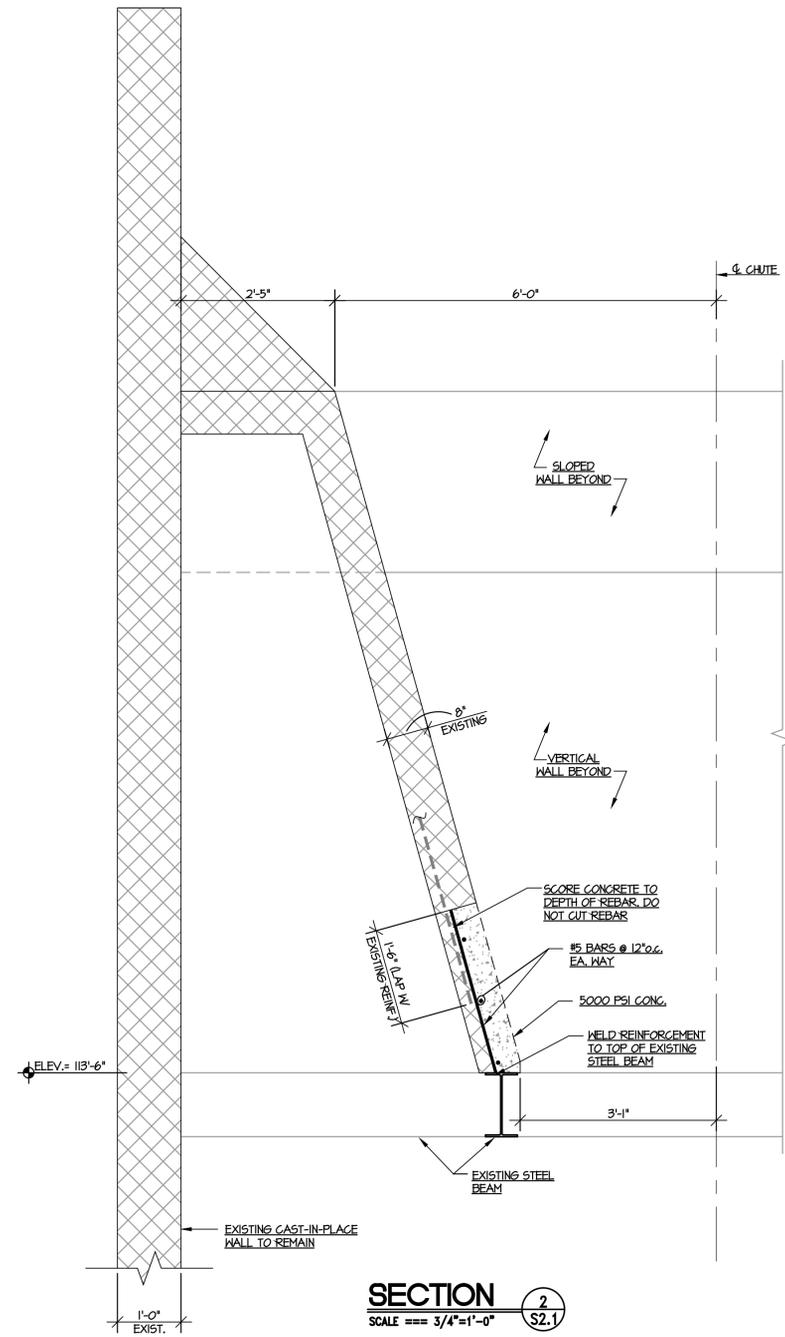
Project: WE-17-119
 Scale: S2.0

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SECTION 1
 SCALE === 3/4"=1'-0"
 S2.1

- CONSTRUCTION SEQUENCE:**
1. SCORE CONCRETE EACH SIDE OF CHUTE TO DEPTH OF REBAR WITH CUT CUTTING REBAR.
 2. ADD ADDITIONAL REBAR AS REQUIRED AND WELD TO EXISTING STEEL BEAM.
 3. REBAR MAY BE DRILLED AND EPOXIED INTO EXISTING CONCRETE IF REBAR IS DAMAGED OR CUT.



SECTION 2
 SCALE === 3/4"=1'-0"
 S2.1

Project:	ABW
Drawn by:	ABW
Checked by:	AGB
Date:	3/17/17
Revised:	
Notes:	

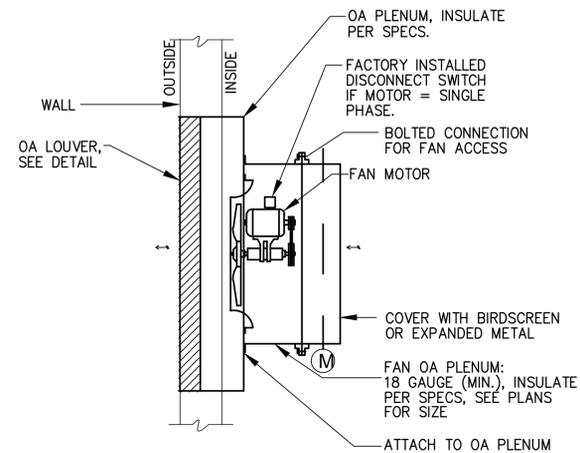


A REPLACEMENT BUILDING FOR
GARBAGE TRANSFER STATION
 Myrtle Beach, South Carolina

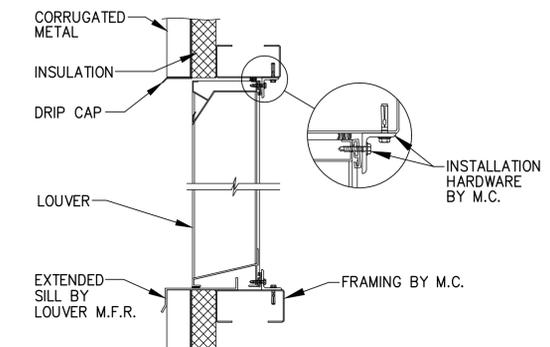
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Project: WE-17-119
 Sheet: S2.1

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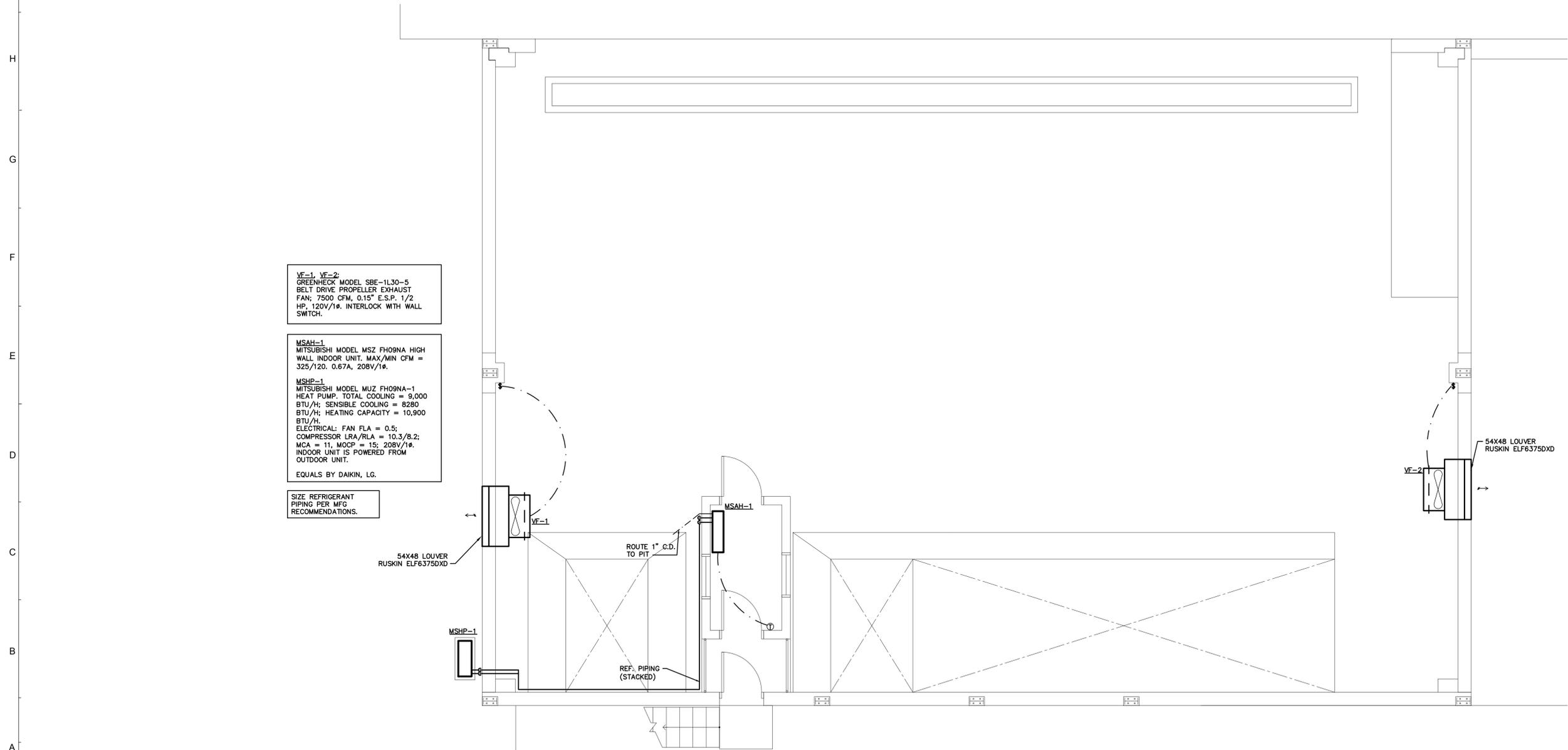
3 PROPELLER FAN DETAIL
 M1.0 NOT TO SCALE



2 LOUVER ATTACHMENT DETAIL
 M1.0 NOT TO SCALE

- (1) REFRIGERANT PIPING
- (A) CONNECT SPLIT SYSTEM AIR HANDLING UNITS TO HEAT PUMPS WITH REFRIGERANT PIPING, TYPE "K" HARD DRAWN COPPER "ACR" TUBING WITH WROUGHT COPPER SWEAT FITTINGS. ALL JOINTS ARE TO BE MADE WITH HARD SOLDER SUCH AS "SIL-FOS" OR "SILVER SOLDER."
- (B) PIPE INSULATION - REFRIGERANT SUCTION PIPING - FLEXIBLE FOAMED ELASTOMERIC PLASTIC TUBING WITH A DENSITY OF 6 LBS./CF, K OF 0.27 @ 70 DEGREES F., SELF-EXTINGUISHING, AND A WATER VAPOR TRANSMISSION OF LESS THAN 0.05 PERM IN., FLAME SPREAD RATING 25 OR LESS, SMOKE DEVELOPED RATING OF 50 OR LESS (ASTM E84-75).
- (2) CONDENSATE DRAIN PIPING
- (A) ALL DRAIN LINES SHALL BE SOLID WALL PVC DRAIN PIPE CONFORMING TO ASTM D 2665. DRAINS SHALL BE RUN IN A NEAT MANNER AND DISCHARGED TO FLOOR DRAINS (IF UNIT IN MECHANICAL ROOM) OR EXTENDED FIVE FEET FROM BUILDING FOR CONNECTION TO STORM DRAIN PIPING.
- (3) TESTING AND BALANCING
- (A) WORK SHALL BE PERFORMED BY TECHNICIANS COMPETENT IN THE TRADE OF TESTING AND BALANCING ENVIRONMENTAL SYSTEMS AND SHALL BE DONE IN AN ORGANIZED MANNER UTILIZING APPROPRIATE TEST AND BALANCE FORMS. ALL EQUIPMENT SHALL BE BALANCED TO WITHIN +/- 10% OF THE SCHEDULED VALUE.
- (B) INSTRUMENTS FOR USE IN THE TEST AND BALANCING PROCEDURES SHALL BE OF FIRST QUALITY AND BE ACCURATELY CALIBRATED AT THE TIME OF USE. ALL FIELD INSTRUMENTS USED IN THE BALANCE SHOULD HAVE BEEN CALIBRATED AT LEAST WITHIN THE PREVIOUS THREE MONTHS.
- (C) STARTING DATE FOR MECHANICAL SYSTEM SHALL BE SCHEDULED WELL IN ADVANCE OF EXPECTED COMPLETION DATE AND SHALL BE ESTABLISHED A MINIMUM OF TWO WEEKS PRIOR TO ACCEPTANCE DATE. THE SYSTEM SHALL BE IN FULL OPERATION WITH ALL EQUIPMENT FUNCTIONAL PRIOR TO ACCEPTANCE DATE.
- (D) PERFORMANCE READINGS SHALL BE TAKEN AND RECORDED ON ALL AIR DISTRIBUTION DEVICES AND THE SYSTEM SHALL BE BALANCED OUT PRIOR TO ACCEPTANCE. BALANCING OF THE SYSTEM SHALL BE ACCOMPLISHED WITH DUCT DAMPERS AND ONLY MINOR ADJUSTMENTS MADE WITH GRILLE DAMPERS. RECORD AND SUBMIT RESULTS IN TABLE FORM ALONG SIDE OF SCHEDULED QUANTITIES.
- (E) ALL CONTROLS SHALL BE CALIBRATED BY QUALIFIED PERSONNEL PRIOR TO ACCEPTANCE DATE. THERMOSTATS SHALL BE IN CLOSE CALIBRATION WITH ONE ANOTHER AND SHALL OPERATE THEIR RESPECTIVE UNITS WITHOUT INTERFERENCE FROM ADJACENT UNITS.
- (F) ALL UNITS SHALL BE CHECKED OUT THOROUGHLY AND THE INFORMATION RECORDED ON EACH MACHINE. CHECK SHEETS SHALL BE INCLUDED IN OPERATING AND MAINTENANCE INSTRUCTIONAL MANUAL.
- (4) CONTROLS
- (A) FACTORY PROVIDED PROGRAMMABLE THERMOSTAT FOR EACH SYSTEM.

GENERAL NOTES



VF-1, VF-2:
 GREENHECK MODEL SBE-1L30-5
 BELT DRIVE PROPELLER EXHAUST
 FAN; 7500 CFM, 0.15" E.S.P. 1/2
 HP, 120V/1Ø. INTERLOCK WITH WALL
 SWITCH.

MSAH-1:
 MITSUBISHI MODEL MSZ FH09NA HIGH
 WALL INDOOR UNIT. MAX/MIN CFM =
 325/120. 0.67A, 208V/1Ø.

MSHP-1:
 MITSUBISHI MODEL MUZ FH09NA-1
 HEAT PUMP. TOTAL COOLING = 9,000
 BTU/H; SENSIBLE COOLING = 8280
 BTU/H; HEATING CAPACITY = 10,900
 BTU/H.
 ELECTRICAL: FAN FLA = 0.5;
 COMPRESSOR LRA/RLA = 10.3/8.2;
 MCA = 11, MOCP = 15; 208V/1Ø.
 INDOOR UNIT IS POWERED FROM
 OUTDOOR UNIT.
 EQUALS BY DAIKIN, LG.

SIZE REFRIGERANT
 PIPING PER MFG
 RECOMMENDATIONS.

McKNIGHT • SMITH • WARD • GRIFFIN
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 17-030

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MYRTLE BEACH
 TRANSFER STATION

MYRTLE BEACH, SOUTH CAROLINA

2017-04
 04-21-17
 CONTROL LEVEL PLAN

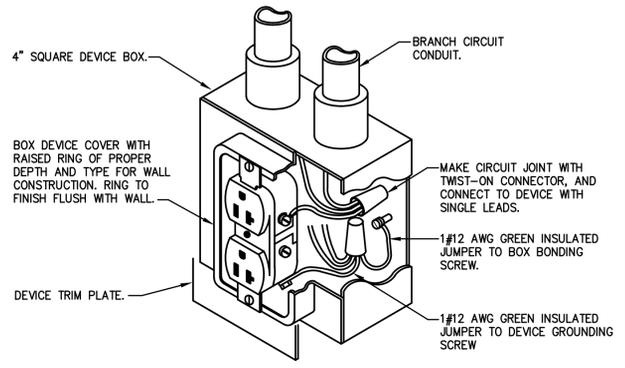
M1.0

1 CONTROL LEVEL FLOOR PLAN
 M1.0 SCALE: 1/4"=1'-0"

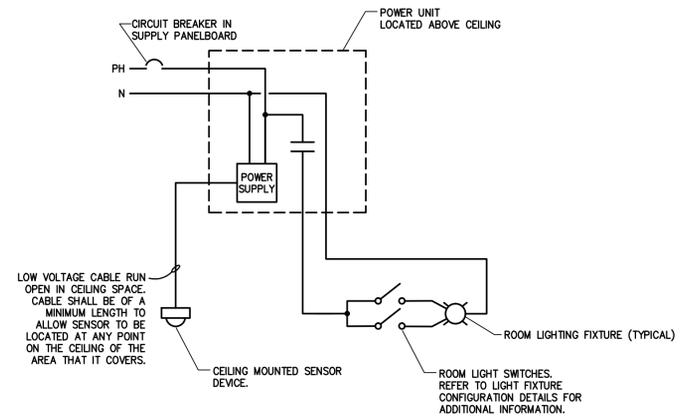
SYMBOL SCHEDULE	
GENERAL SYMBOLS	
SYMBOL	DESCRIPTION
	CONDUIT RUN CONCEALED ABOVE CEILINGS OR IN WALLS.
	CONDUIT RUN CONCEALED IN OR BELOW FLOORS OR UNDERGROUND.
	CONDUIT RUN EXPOSED.
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	SQUARE ON CONDUIT SYMBOL INDICATES THAT CIRCUIT CONTINUES BUT NOT SWITCHLEG.
	HOMERUN TO PANEL AND CIRCUIT(S) DESIGNATED. ARROW(S) INDICATE QUANTITY OF CIRCUITS.
	JUNCTION BOX PER N.E.C.
	SPECIAL NOTE, NUMERALS IDENTIFY, SEE SCHEDULE.
	SPECIAL CONNECTION TO A SPECIFIC ITEM OF EQUIPMENT. SEE CONNECTION SCHEDULE.
	MOTOR CONNECTION. RATING AS NOTED.
LIGHTING	
SYMBOL	DESCRIPTION
	LED LIGHTING FIXTURE, DRAWN TO SCALE.
	EMERGENCY BATTERY PACK FIXTURE, WALL MOUNTED. CONNECT TO UNSWITCHED LEG OF THE CIRCUIT.
DISTRIBUTION	
SYMBOL	DESCRIPTION
	ELECTRICAL PANELBOARD, SURFACE MOUNTED.
	CONTROL CABINET, FLUSH OR SURFACE MOUNTED.
	DISCONNECT SWITCH, NON-FUSIBLE.
	DISCONNECT SWITCH PROVIDED WITH EQUIPMENT.
	GROUND CONNECTION.
WIRING DEVICES	
SYMBOL	DESCRIPTION
	DUPLEX GFCI RECEPTACLE, 125V, 3-WIRE GROUNDING TYPE, PROVIDE WITH OPERABLE, IN-USE WEATHERPROOF COVER.
	LIGHT SWITCH, SINGLE-POLE.
	PROGRAMMABLE LIGHT SWITCH, WALL MOUNTED.
	OCCUPANCY SENSOR, CEILING MOUNTED. PROVIDE WITH 10 FEET WHIP TO ALLOW FIELD ADJUSTMENT OF LOCATION. COORDINATE EXACT LOCATION WITH MANUFACTURERS RECOMMENDATION.

LIGHTING FIXTURE SCHEDULE														
TYPE	DESCRIPTION	VOLT.	LAMPS						BALLASTS		WATTS	MOUNTING	MANUF. CATALOG NO.	
			QTY	TYPE	BULB	BASE	TEMP	CRI	LUMENS	QTY				TYPE
V1	LED ENCLOSED AND GASKETED FIXTURE, 4 FOOT NOMINAL LENGTH, FIBERGLASS CONSTRUCTION, HIGH IMPACT ACRYLIC DIFFUSER, UL LISTED FOR WET LOCATIONS.	120	-	LED	LED	-	3500 K	80	10000	1	FIXED OUTPUT DRIVER	80	SUSPEND TO 28"-0" AFF TO BOTTOM OF FIXTURE	LITHONIA #FEM LED RAB OR APPROVED EQUAL
V2	LED RECESSED DOWNLIGHT, 6 INCH DIAMETER HOUSING, PARABOLIC SPUN ALUMINUM CONE, SOFT SATIN GLOW CLEAR REFLECTOR FINISH, DIMMING DRIVER, SUITABLE FOR DAMP LOCATIONS.	120	-	LED	LED	-	3500 K	80	3000	1	FIXED OUTPUT DRIVER	23	SUSPEND TO 28"-0" AFF TO BOTTOM OF FIXTURE	LITHONIA #FEM LED RAB OR APPROVED EQUAL
FL	GENERAL PURPOSE LED FLOODLIGHT, ALUMINUM HOUSING, BRONZE FINISH, TEMPERED GLASS LENS, FULLY GASKETED, ADJUSTABLE HEAD ALLOWS FOR PRECISE ILLUMINATION, WET LOCATION LISTED.	120	-	LED	LED	-	4000 K	70	1900	-	FIXED DRIVER	25	WALL, SURFACE MTG HT AS DIRECTED BY ARCHITECT	LITHONIA #OLF LED SERIES RAB OR APPROVED EQUAL
WLE	DECORATIVE EXTERIOR WALL MOUNTED LED FIXTURE, TRAPEZOID SHAPE DIE-CAST, ALUMINUM HOUSING, ACRYLIC LENS, TWO LIGHT ENGINES (10 LED'S EACH), ELECTRONIC DRIVERS, WIDE DISTRIBUTION (SR2), UL LISTED FOR WET LOCATION. FINISH AS SELECTED BY ARCHITECT. PROVIDE WITH INTEGRAL BATTERY PACK FOR 90 MINUTE MINIMUM ILLUMINATION.	MVOLT	-	LED	LED	-	4000 K	70	3944	-	FIXED DRIVER	47	WALL, SURFACE MTG HT AS DIRECTED BY ARCHITECT	LITHONIA #WST LED SERIES RAB OR APPROVED EQUAL
	LED EMERGENCY LIGHTING UNIT, WITH SELF-CONTAINED NI-CAD BATTERY RESERVE, WHITE THERMOPLASTIC HOUSING, FOR WALL OR CEILING MOUNTING, CONNECT FIXTURE AHEAD OF ALL LOCAL AREA SWITCHING. FIXTURE SHALL NOT BE SWITCHED.	120	2	LED	LED	-	-	-	-	-	-	3	WALL, 1 FT. BELOW CEILING EXCEPT 8 FT. AFF. MAX.	LITHONIA #ELM2 LED SERIES EXITRONIX #LED-90 SERIES LSI #LEM LED SERIES WILLIAMS #EMER/LED SERIES RAB

GENERAL NOTES



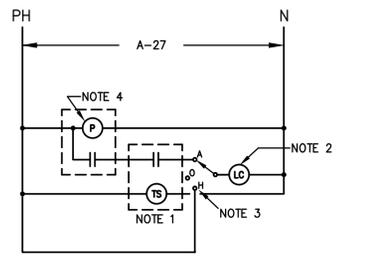
3 DETAIL - TYPICAL DUPLEX RECEPTACLE INSTALLATION
E1.0 NOT TO SCALE



4 DETAIL - OCCUPANCY SENSOR CONTROL
E1.0 NOT TO SCALE

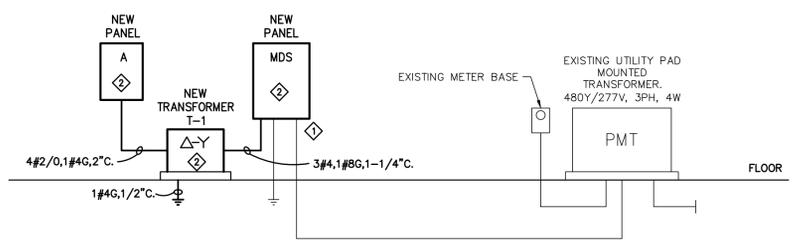
ABBREVIATIONS			
A	AMPERES	KW	KILOWATTS
ACC	ARMORED CLAD CABLE	LFNC	LIQUIDTIGHT FLEXIBLE NON-METALLIC CONDUIT
AF	ABOVE FINISHED FLOOR	LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
AFG	ABOVE FINISHED GRADE	LVC	LOW VOLTAGE CONTROL CABINET
ANN	FIRE ALARM ANNUNCIATOR CABINET	MCB	MAIN CIRCUIT BREAKER
C	CONDUIT	MCC	METAL CLAD CABLE
CB	CIRCUIT BREAKER	MLO	MAIN LUGS ONLY
CKT	CIRCUIT	MTD	MOUNTED
CLG	CEILING	NMC	NON-METALLIC CLAD CABLE
DN	DOWN	PB	PULLBOX
DW	DISHWASHER	PNL	PANELBOARD
EC	EMPTY CONDUIT	PRS	PROGRAM RAPID START
EMT	ELECTRICAL METALLIC TUBING	PS	PROGRAM START
ENT	ELECTRICAL NON-METALLIC TUBING	PWR	POWER
EWC	ELECTRIC WATER COOLER	REC	RECEPTACLE
FACP	FIRE ALARM CONTROL PANEL	RMC	RIGID METAL CONDUIT
FMC	FLEXIBLE METAL CONDUIT	RS	RAPID START
G	GROUND	SW	SWITCH
GFI	GROUND FAULT INTERRUPTER	SWBD	SWITCHBOARD
HOA	HAND OFF AUTOMATIC		
HP	HORSEPOWER	TEL	TELEPHONE
HPF	HIGH POWER FACTOR	TV	TELEVISION
HX	HIGH REACTANCE	TYP	TYPICAL
IG	ISOLATED GROUND	V	VOLTS
IMC	INTERMEDIATE METAL CONDUIT	VP	VAPOR PROOF
IS	INSTANT START	W	WALL MOUNTED
JB	JUNCTION BOX	WG	WIRE GUARD
KVA	KILOVOLT-AMPERES	WP	WEATHER PROOF
FPN	FUSE PER NAMEPLATE	XFMR	TRANSFORMER

MOUNTING HEIGHTS	
(DISTANCE FROM FINISHED FLOOR TO CENTER OF DEVICE UNLESS OTHERWISE NOTED)	
RECEPTACLE	
GENERAL	18" AFF. (UNLESS OTHERWISE NOTED)
ABOVE COUNTER TOP	46" AFF. (UNLESS OTHERWISE NOTED)
LIGHT SWITCH	
GENERAL	46" AFF. (UNLESS OTHERWISE NOTED)
ABOVE COUNTER TOP	46" AFF. (UNLESS OTHERWISE NOTED)
WALL	46" AFF. (UNLESS OTHERWISE NOTED)
TELECOMMUNICATIONS	
GENERAL	18" AFF. (UNLESS OTHERWISE NOTED)
ABOVE COUNTER TOP	46" AFF. (UNLESS OTHERWISE NOTED)
WALL	46" AFF. (UNLESS OTHERWISE NOTED)
TELEVISION	
GENERAL	18" AFF. (UNLESS OTHERWISE NOTED)
ABOVE COUNTER TOP	46" AFF. (UNLESS OTHERWISE NOTED)
WALL	46" AFF. (UNLESS OTHERWISE NOTED)
FIRE ALARM	
PULL STATION	46" AFF. (UNLESS OTHERWISE NOTED)
AUDIBLE/STROBE COMBINATION OR STROBE DEVICE ONLY	80" AFF. TO BOTTOM OF APPLIANCE



- A-27 — EXTERIOR LIGHTING
- SPARE
- SPARE
- SPARE

2 EXTERIOR LIGHTING CONTROL DIAGRAM-ELC1
E1.0 NO SCALE



1 POWER RISER DIAGRAM
E1.0 NOT TO SCALE

- RECONNECT EXISTING SERVICE LINE AND GROUNDING ELECTRODE CONDUCTOR TO NEW PANEL MDS.
- REPLACE EXISTING PANEL BOARDS AND TRANSFORMER WITH NEW AS INDICATED. RECONNECT ALL EXISTING BRANCH CIRCUITS TO NEW PANELS AS REQUIRED.

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REVISION DATE
04-21-17

MYRTLE BEACH TRANSFER STATION

MYRTLE BEACH, SOUTH CAROLINA

2017-04
04-21-17
SYMBOL AND SCHEDULES
E1.0



WALKING FLOOR CONVEYOR CONTROL STATION



PACKER CONTROL STATION



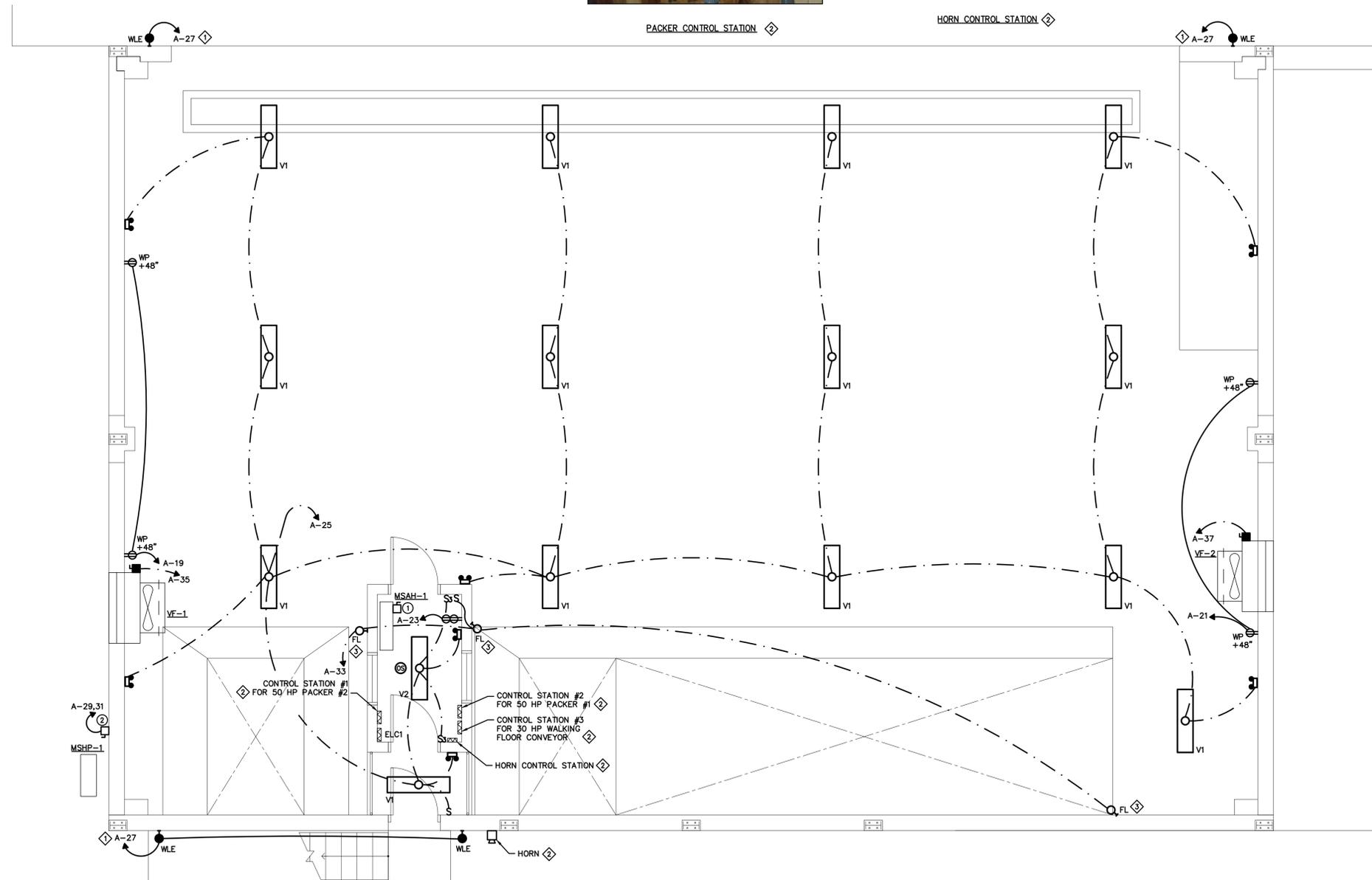
HORN



PACKER CONTROL STATION



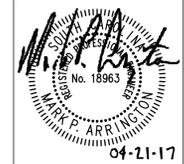
HORN CONTROL STATION



GENERAL NOTES

- NOTES:
- ◇ ROUTE CIRCUIT THROUGH EXTERIOR LIGHTING CONTACTOR, SEE EXTERIOR LIGHTING CONTROL DIAGRAM FOR ADDITIONAL INFORMATION.
 - ◇ INSTALL AND WIRE EXISTING DEVICE IN APPROXIMATE LOCATION SHOWN ON PLAN. COORDINATE EXACT LOCATION WITH OWNER.
 - ◇ AIM NEW FLOOD LIGHT INTO BIN.

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MYRTLE BEACH
TRANSFER STATION

MYRTLE BEACH, SOUTH CAROLINA



2017-04
04-21-17
CONTROL LEVEL PLAN

E2.0

