



Post Office Box 3005
2831 Talleyrand Avenue
Jacksonville, Florida 32206-0005
www.jaxport.com

April 9, 2024

ADDENDUM NO. 01
TO
SPECIFICATIONS AND CONTRACT DOCUMENTS
FOR
INVITATION TO BID
BIMT HIGHBAY SERVICE HOIST REPLACEMENT (RE-BID)
JPA CONTRACT NO. EQ-1945R

The item(s) of this Addendum shall modify and become a part of the contractual documents for this project as of this date.
(Failure to acknowledge this addendum will be grounds for rejection of proposal.)

PHYSICAL CHANGES TO RFP SPECIFICATIONS

Item No. 01

Throughout the Specifications, **DELETE** all references to "double girder" and **REPLACE** with "single girder similar to the existing equipment"

Item No. 02

Reference to "BID OPENING", the Bid Opening Date is extended to **WEDNESDAY, MAY 1, 2024 at 2:00 PM (ET)**, at which time they shall be opened via "ZOOM"

ZOOM MEETING LINK

<https://us02web.zoom.us/j/85801592262?pwd=V1pUUjhmb0VwSkFPTFJCSXk5aG9XQT09>

MEETING ID: 858 0159 2262 -- PASSCODE: 322223

Item No. 03

Throughout the Specifications, **REMOVE** all reference to "Drawings" and **REPLACE** with "Full Drawing Package" (See Attachment No. 2)

ATTACHMENTS TO CONTRACT SPECIFICATIONS

Attachment No. 1 – Questions received by E-mail and/or E-Builder

Attachment No. 2 – Full Drawing Package

Acknowledgment of the following addenda is hereby made:

Addendum #1, Dated: _____ Initials _____

Company _____

NOTE: THIS ADDENDUM SHALL BE ACKNOWLEDGED IN YOUR BID SUBMISSION, FAILURE TO ACKNOWLEDGE ADDENDUM WILL BE GROUNDS FOR REJECTION OF BID.

PLEASE VISIT <http://www.jaxport.com/procurement/active-solicitations> PRIOR TO THE BID OPENING TO DETERMINE IF ANY ADDENDA HAVE BEEN RELEASED ON THIS CONTRACT.



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INVITATION TO BID

BIMT HIGHBAY SERVICE HOIST REPLACEMENT – RE-BID JPA CONTRACT NO. EQ-1945R ADDENDUM NO. 01

RESPONSE TO QUESTIONS

1. We will not submit financials via the portal. Is JaxPort willing to sign a separate NDA (attached)? If so, our CFO will contact you directly to send financials.

ANSWER: *Financials are not applicable for this project.*

2. Bidder does not currently have a FL Contractor's License. Is one required?

ANSWER: *Yes.*

3. Bidder does not carry Professional Liability Insurance. Bidder will subcontract engineering work, stamping drawings, etc. to a third-party professional engineer, and will need to utilize such third-party engineer's Professional Liability Insurance in place of the requirements under the Contract. Is that acceptable?

ANSWER: *No. Bidder must comply with Required Limits of Insurance (RLI) as stated in Invitation to Bid (ITB). Subcontractor / Third Party insurance is not acceptable nor will substitute as Bidder meeting RLI in ITB.*

4. Bidder's insurance programs may not conform in all respects with the Bid requirements (including specifically the requirement to carry Professional Liability Insurance as mentioned in #2 above) and should Mazzella be the successful bidder, the parties will need to review its insurance coverages in more detail. Is this acceptable?

ANSWER: *If Requester is successful Bidder, JAXPORT Risk Manager will review Bidder's Certificates of Insurance (COI) for compliance to Required Limits of Insurance (RLI). If Bidder's COI is not compliant, Bidder will be given an opportunity for compliance. Bidder's insurance must comply with RLI as stated in the ITB. Subcontractor / Third Party insurance is not acceptable nor will substitute as Bidder meeting RLI in ITB.*

5. During the Pre-Bid, you mention a double girder crane, but the photos show a single girder underhung crane. Please confirm what you have.

ANSWER: *All references to "double girder" in the Bid documents/specifications, shall be substituted by: "single girder similar to the existing equipment". It is JAXPORT's intention to replace the existing equipment (single girder) with a similar equipment. If a bidder determines to price a double girder, they should specify it in their bid document explaining the reason(s) for the change.*

6. Are you looking to replace just the hoist or the whole crane?

ANSWER: *Whole crane, including the Busbars.*

7. Is ZPMC USA able to bid this project?

ANSWER: *Yes.*

8. We would like to ask for a two-week extension to this bid.

ANSWER: *ITB has been extended two weeks. Extended due date is WEDNESDAY, MAY 1, 2024.*

9. We don't see the span of the bridge beams or details of the structural shape (W?? x ???) in the drawings, only the image shown below. No meaningful dimensions there. Are the structural steel framing drawings missing some pages where the crane bay details could be found?

ANSWER: *See ATTACHMENT NO. 2 for full drawings package. If needed, bidders can coordinate a site visit by contacting JAXPORT's Procurement at (904) 357-3455.*

10. Is submitting company financials via portal a mandatory requirement or is data review in a controlled environment with mutual NDAs in place acceptable?

ANSWER: *Financials are not applicable for this project.*

11. Is the FL Contractor License required to perform this crane replacement?

ANSWER: *Yes.*

12. If Bidder does not carry Professional Liability Insurance. If Bidder subcontracts engineering, stamping drawings, etc., to a third-party professional engineer and utilize such third-party engineer's Professional Liability Insurance. Is this acceptable?

ANSWER: *No. Bidder must comply with Required Limits of Insurance (RLI) as stated in Invitation To Bid (ITB). Subcontractor / Third Party insurance is not acceptable nor will substitute as Bidder meeting RLI in ITB.*

13. If Bidder's insurance program not fully conform to all aspects with the Bid requirements, will both parties be able to review its insurance coverages in detail? Is this acceptable?

ANSWER: *If Requester is successful Bidder, JAXPORT Risk Manager will review Bidder's Certificates of Insurance (COI) for compliance to Required Limits of Insurance (RLI). If Bidder's COI is not compliant, Bidder will be given an opportunity for compliance. Bidder's insurance must comply with RLI as stated in the ITB. Subcontractor / Third Party insurance is not acceptable nor will substitute as Bidder meeting RLI in ITB.*

JPA MAINTENANCE BUILDING

JACKSONVILLE PORT AUTHORITY

BLOUNT ISLAND MARINE TERMINAL

SVERDRUP PROJECT
NO. 30292

DEC. 4, 1989

JPA PROJECT NO.
C-503

SITework AND BUILDING

LOCATION MAP

VICINITY MAP

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AS BUILT

JOE P. BENDER, P.E.
CIVIL ENGINEER

HARVEY M. MANSS, A.I.A.
ARCHITECT

WILLIAM P. CRAIG, P.E.
STRUCTURAL ENGINEER

RICHARD B. WILLIAMS, P.E.
PLUMBING & HVAC

AS BUILT
GERALD R. LUKACH, P.E.
ELECTRICAL

Sverdrup
CORPORATION
1850 Prudential Drive
Suite 200 P.O. Box 5600
Jacksonville, FL 32247-5600
Engineers Architects Planners

JAXPORT

JACKSONVILLE
PORT AUTHORITY
JACKSONVILLE, FLORIDA

Sverdrup
C-503

PROJECT NO.	01889
J.P.A. NO.	1144
DATE	12/27/89
DRAWN BY	RL
APPROVED BY	RL

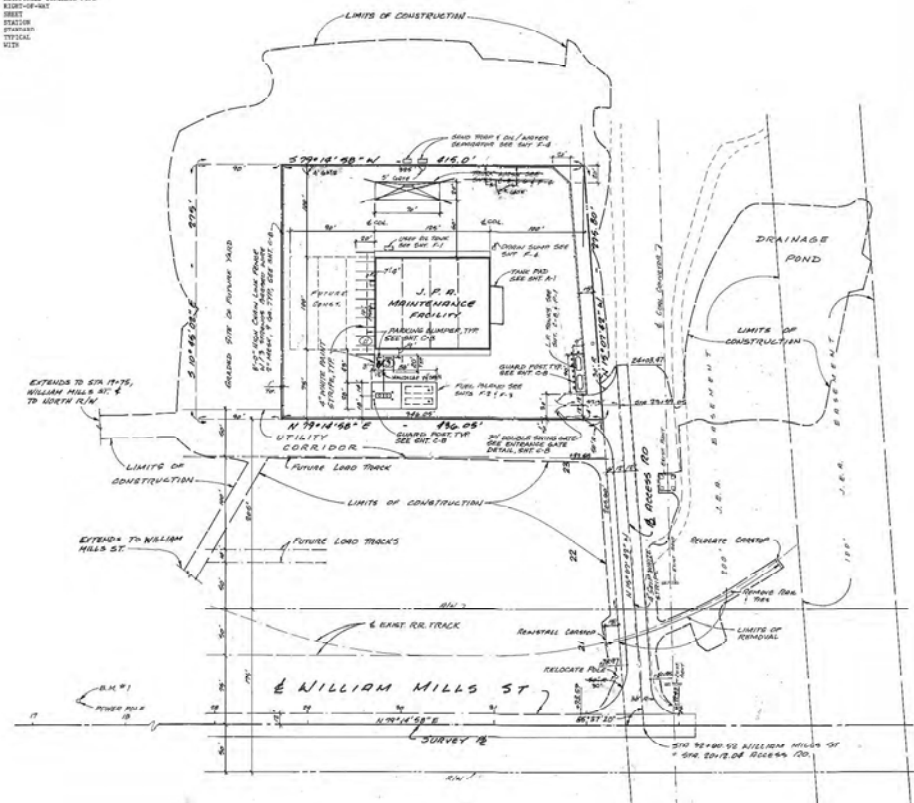
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C-1

LIST OF ABBREVIATIONS

A/E	ARCHITECT OR ENGINEER
B/L	BASE LINE
C/L	CENTER LINE
C/S	CONCRETE
C/S	CONCRETE
D/S	DOUBLE
EL OR ELEV.	ELEVATION
EXIST	EXISTING
FIN	FINISH (ELEVATION)
J.E.A.	JACKSONVILLE ELECTRIC AUTHORITY
J.C.A.	JACKSONVILLE PORT AUTHORITY
NO.	NUMBER
N/S	NOT TO SCALE
P/L	PROPERTY LINE
P/S	PLASTER, STUCCO
R/S	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
S/S	SMOOTH
STA	STATION
STR	STRUCTURE
TYP	TYPICAL
W	WALL

LEGEND

EXISTING	NEW	DESCRIPTION
---	---	CONTOURS
---	---	SPOT ELEVATIONS
---	---	STORM SEWER
---	---	WHITENY SEWER
---	---	FIRE MAIN
---	---	POTABLE WATER
---	---	FIRE MAIN
---	---	GAS MAIN
---	---	UNDERGROUND ELECTRIC
---	---	OVERHEAD ELECTRIC
---	---	UNDERHEAD TELEPHONE
---	---	OVERHEAD TELEPHONE
---	---	PROPERTY LINE - R/W LINE
---	---	PROPERTY CORNER
---	---	FENCE
---	---	VALVE
---	---	CONCRETE PAVEMENT
---	---	ASPHALT PAVEMENT
---	---	MANHOLE
---	---	CATCH BASIN / INLET
---	---	WATER METER
---	---	PHONE / POWER POLE
---	---	DOWN SP
---	---	FIRE HYDRANT
---	---	TOP OF CUT BANK SLOPED DOWN TO RIGHT



JACKSONVILLE PORT AUTHORITY
JACKSONVILLE, FLORIDA

Blueprint
DATE: 11/17/87
DRAWN BY: J.P.A.
CHECKED BY: J.P.A.
APPROVED BY: J.P.A.

J.P.A. MAINTENANCE BUILDING
SITE LAYOUT PLAN

PROJECT NO.	050392
J.P.A. NO.	A-15
DATE	11/17/87
DRAWN BY	J.P.A.
CHECKED BY	J.P.A.
APPROVED BY	J.P.A.

SHEET
C-2

GENERAL NOTES:

1. ELEVATION DATA IS NATIONAL MEAN SEA LEVEL DATUM OF 1929. (M.S.L. 1929)
2. ALL WORK TO BE DONE UNDER THE LEVELS OF CONSTRUCTION SHALL BE FINISHED, UNLESS OTHERWISE NOTED.
3. THE LOCATION OF ALL UTILITIES SHOWN ON THE DRAWINGS IS BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR AND APPROVED SURETY, IF IN THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN IN THE FIELD, THE LOCATION SHOWN AND TO NOTIFY THE CONSTRUCTION MANAGER OF ANY CONDITIONS WHICH ARE CONTRARY TO THESE SHOWS.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO ANY CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. THE JOB SHALL BE STOPPED IF ANY UNIDENTIFIED UTILITIES DISCOVERED DURING CONSTRUCTION.
6. UTILITY OWNERS:

JACKSONVILLE ELECTRIC AUTHORITY	225 W. DUNN STREET P. O. BOX 3841 JACKSONVILLE, FL 32202	POWER PLANT 434-4413 JACKSONVILLE 434-1100
SEWERAGE	300 WEST 1ST ST. ROOM 18 101 JACKSONVILLE, FL 32202	SEWERAGE & WASTEWATER 780-3641
CONVENTIONAL CARLISLE	1974 REICHERD ROAD P. O. BOX 1643-F JACKSONVILLE, FL 32244-1643	CONVENTIONAL 731-7960
JACKSONVILLE FIRE AUTHORITY	701 CALLEMAN RD. P.O. BOX 3003 JACKSONVILLE, FL 32204	FIRE 4 TOL 820-3061
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT.
8. ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH ALL APPLICABLE SPECIFICATIONS OF "CITY STANDARD SPECIFICATIONS FOR CITY OF JACKSONVILLE PLUMBING" LATEST REVISIONS AND ALL CITY STANDARD SPECIFICATIONS IN "CITY STANDARD SPECIFICATIONS FOR CITY OF JACKSONVILLE, FLORIDA" LATEST REVISIONS.
9. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER AND ALL SAFETY RULES AND REGULATIONS OF OSHA SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY VIOLATIONS OF OSHA REGULATIONS, AND ANY DAMAGE TO PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT.
10. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO CONSTRUCTION MANAGER ON ALL MATERIALS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE, PRIOR TO PREPARING HIS BID, FOR THE PURPOSE OF FACILITATING CLOSELY WITH THE NATURE AND EXTENT OF THE WORK AND LOCAL CONDITIONS, EXTRA STRENGTH OR SUB-STRUCTURE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE RESPONSIBILITY UNDER THIS CONTRACT. THE CONTRACTOR IS ALSO UNDER THE OATH PHOTOGRAPHY OF THE SITE OF THE PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO ADD TO RECORDING SURVEILANCE SYSTEM COMPLAINTS THAT MAY OCCUR DUE TO THE CONSTRUCTION OF THE PROJECT.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE CORRECT PIPE DEPTH INFORMATION OR ACCURATE ANY UNUSUAL SITUATIONS REQUIRING TO ESTIMATE THE AMOUNT OF INSTALLED MATERIAL THAT WILL INCREASE NORMAL DEPTH TO EXCEED THE AMOUNT OF PIPE DEPTH SHOWN THAT WILL BE REQUIRED.
13. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WATER AND SEWER SYSTEM IMPROVEMENTS WITH THE JACKSONVILLE PORT AUTHORITY. THE CONTRACTOR SHALL AVOID EXCESSIVE INTERFERENCE AND AN UNNECESSARY DISRUPTION TO THE WATER SUPPLY AT ALL TIMES, WHICH EXCESSIVE INTERFERENCE BY THE JACKSONVILLE PORT AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF AFFECTED CUSTOMERS OF THE UTILITY A MINIMUM OF 48 HOURS IN ADVANCE OF ANY INTERFERENCE TO SERVICE.
14. THE CONTRACTOR SHALL COORDINATE WITH ALLICATED TO, WATER AND SEWERAGE WILLIAM HILL STREET WITH THE CONSTRUCTION APPROVEMENTS BEING MADE IN ADJACENT PROPERTIES. PARTICULAR REFERENCE IS MADE TO THE SEWER SYSTEM WHICH CONNECTS TO THE "WALKER" STREET AT 15th STREET, 45th ST.

SEWER NOTES:

1. MANHOLE FRAMES AND COVERS SHALL BE CITY OF JACKSONVILLE STANDARD, U.S. ROADWAY P459.
2. MANHOLE REQUIRED, ALL DUCTILE IRON PIPE SHALL BE CLASS 51, WITH PROTECTIVE COATING.
3. PROPOSED SANITARY SEWER MANHOLES, TYPE "A" SHALL CONFORM TO CITY OF JACKSONVILLE, ITS PLANS, 5-2 AND 5-3.
4. UNDEVELOPED SANITARY SEWER MANHOLES, TYPE "A" SHALL CONFORM TO CITY OF JACKSONVILLE, ITS PLANS, 5-2 AND 5-3.
5. A HORIZONTAL SEPARATION OF A MINIMUM OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER MAINS AND SEWER MAINS (INCLUDES FRACE MAINS) EXCEPT PRACTICAL, OR AS OTHERWISE SHOWN ON THE DRAWINGS. WHERE WATER AND SEWER MAINS CROSS WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, ALL PVC PIPE SHALL BE ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET CONTAINED ON THE POINT OF CROSSING OR A 10-FOOT SECTION OF CAST IRON SEWER PIPE CENTERED ON POINT OF CROSSING MAY BE SUBSTITUTED. THIS SITUATION MAY BE OK OR MAY NOT BE NOTED ON EXISTING DRAWINGS.
6. ALL DUCTILE IRON LINES SHALL BE TYPICAL IN ACCORDANCE WITH THE CITY OF JACKSONVILLE'S STANDARD AT THE CONTRACTOR'S EXPENSE, WITH REVISIONS PUBLISHED BY THE OWNER, ENGINEER A CITY. THE TYPICAL SECTION DRAWING SHALL BE REFERRED TO UNTIL AFTER COMPLETION OF THE MAINWAY MAIN WORKS.

PAVING NOTES:

1. ALL ASPHALT PAVEMENT, LIMEWICK BASE, STABILIZED SUB-BASE AND WORK RELATED TO THE CONSTRUCTION OF THE MAINWAY AND AREA PAVING SHALL BE PERFORMED IN ACCORDANCE WITH THE TYPICAL SECTION DRAWING IN THE PLANS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THERMOPLASTIC PAVEMENT MARKINGS SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 711 AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 712.
3. THE 8 INCH WIDE SIDE SHALL CONSIST OF A 4 INCH WIDE WHITE THERMOPLASTIC CONSTRUCTIONAL STRIPE OF 10 FOOT LENGTH AT 50 FOOT INTERVALS ALONG THE CENTERLINE OF THE ACCESS ROAD.

DRAINAGE NOTES:

1. DRAINAGE PIPE DESIGNATED "M.C.P." SHALL BE REINFORCED CONCRETE PIPE, CLASS III, WALL A, TYPE B (SLOTTED) UNLESS OTHERWISE NOTED.
2. FINISH AND CONTROL STRUCTURES SHALL BE PRECAST REINFORCED CONCRETE PER AEPD C-18 (LATEST), AND SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD UNLESS NOTED AND AS DETAILED IN THE PLANS.
3. ALL UTILITY AND PIPE LAYOUTS ARE SCALED DIMENSIONS. ALL OTHER FROM STRUCTURES SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD UNLESS OTHERWISE NOTED OR INDICATED AS SHOWN.

WATER NOTES:

1. ALL PVC PIPE SHALL MEET THE NATIONAL SANITATION FOUNDATION (NSF) SEAL OF APPROVAL FOR POTABLE WATER.
2. ALL DUCTILE IRON PIPE SHALL BE CLASS 51, WITH FRASCO JOINT, OR MECHANICAL JOINT, AS SHOWN ON THE DRAWINGS. GENERALLY, ALL DUCTILE IRON PIPE INSTALLED ABOVE GRADE SHALL BE FRASCO JOINT.
3. ALL PVC WATER PIPE SHALL HAVE DUCTILE IRON HORIZONTAL JOINT FITTINGS EXCEPT UNLESS PLANNED JOINT WOULD APPLY TO THE PIPE INSTALLED.
4. ALL GATE VALVES SHALL BE NON-SPRING STEEL TYPE AND SHALL BE SUITABLE FOR 200 PSI NON-SUCK WORKING PRESSURE. GATE VALVES SHALL BE HYDRAULIC JOINT WITH 100% AND UNDERDRIPPER. VALVES SHALL BE REPAIRED IN PLACE. VALVE BOXES WITH SCREW EXTENSION SHALL BE PROVIDED FOR EACH SEWER GATE VALVE. BOXES SHALL BE OF CAST IRON CONSTRUCTION 3/4 INCH THICKNESS AND SHALL BE GRADED WITH NON-SUCKY TAP BRASS. THE WORD "GATE" SHALL BE CAST IN COVER. ALL GATE VALVES INSTALLED SHALL OPEN BY TURNING TO THE RIGHT (UNLESS OTHERWISE NOTED) SEVEN TURNS FROM THE STOP.
5. ALL FIRE HYDRANTS SHALL OPEN RIGHT (CLOCKWISE) WHEN VIEWED FROM THE TOP.
6. ALL WATER MAINS SHALL HAVE A MINIMUM OF 30 INCHES COVER OVER TOP OF PIPE IN URBAN AREAS, AND 18 INCHES COVER OVER UNDER AREAS, UNLESS OTHERWISE NOTED.
7. ALL WATER PIPE SHALL BE THIN-WALL (SCHEDULE 40) UNLESS OTHERWISE NOTED. ALL CHANGES IN DIRECTION AND AS REQUIRED IN ACCORDANCE WITH CITY OF JACKSONVILLE STANDARD DETAILS.
8. A HORIZONTAL SEPARATION OF A MINIMUM OF 10 FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER MAINS AND SEWER MAINS (INCLUDES FRACE MAINS) EXCEPT PRACTICAL, OR AS OTHERWISE SHOWN ON THE DRAWINGS. WHERE WATER AND SEWER MAINS CROSS WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, ALL PVC PIPE SHALL BE ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET CONTAINED ON THE POINT OF CROSSING OR A 10-FOOT SECTION OF CAST IRON SEWER PIPE CENTERED ON POINT OF CROSSING MAY BE SUBSTITUTED. THIS SITUATION MAY BE OK OR MAY NOT BE NOTED ON EXISTING DRAWINGS.
9. HYDRAULIC AND LEAKAGE TESTING, AND DISINFECTION OF THE WATER MAINS INSTALLED SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF JACKSONVILLE, FLORIDA STANDARD SPECIFICATIONS. A REPRESENTATIVE OF THE CITY OF JACKSONVILLE AND THE CONSTRUCTION MANAGER MUST BE PRESENT DURING THE HYDRAULIC AND LEAKAGE TEST. HEALTH DEPARTMENT WRITTEN APPROVAL OF DISINFECTION SHALL BE SUBMITTED TO THE MANAGER BY THE CONTRACTOR.
10. THE DAYS NOTIFICATION IS REQUIRED BEFORE ANY PROPOSED LINES ARE CONNECTED TO THE EXISTING UTILITY SYSTEM.

JAXPORT

JACKSONVILLE PORT AUTHORITY

JACKSONVILLE, FLORIDA

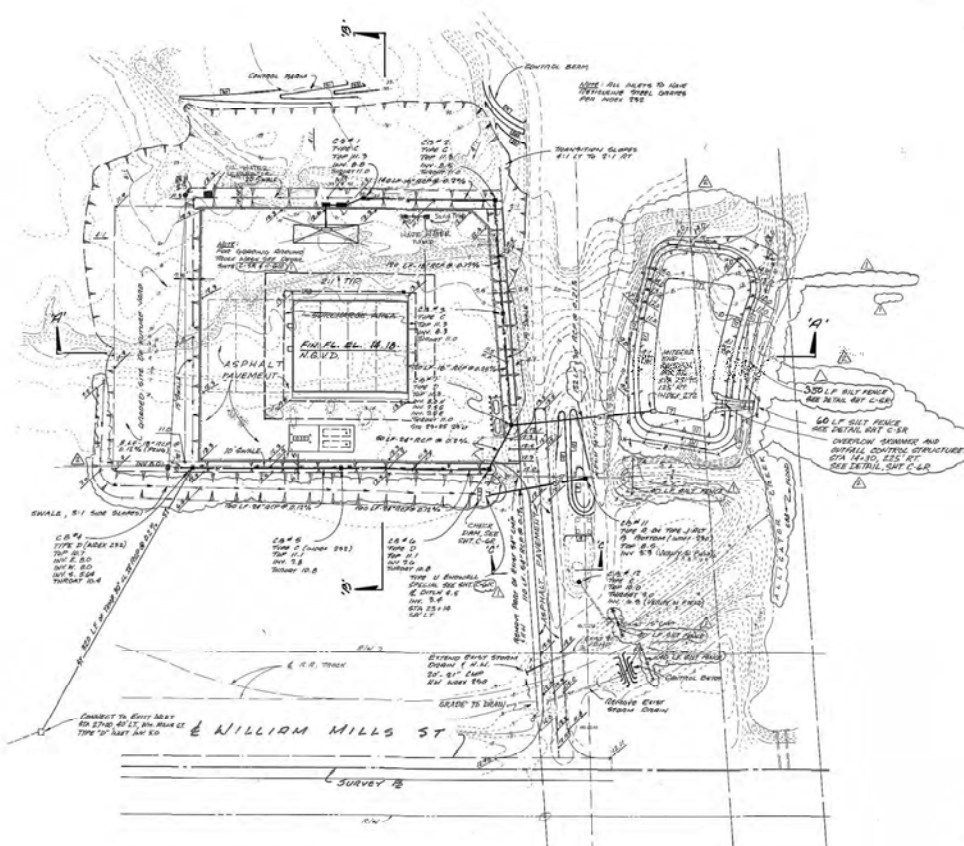
SEWERAGE

JPA MAINTENANCE BUILDING

GENERAL NOTES

PROJECT NO. 030315
 JPA M.P. A/E (1/17/07)
 DATE BY: JPA
 CHECKED BY: JPA
 APPROVED BY: JPA

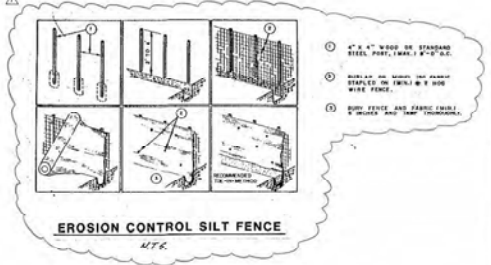
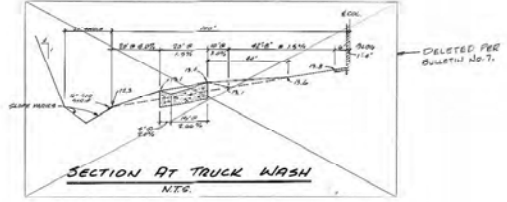
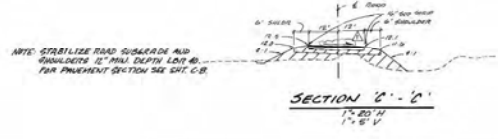
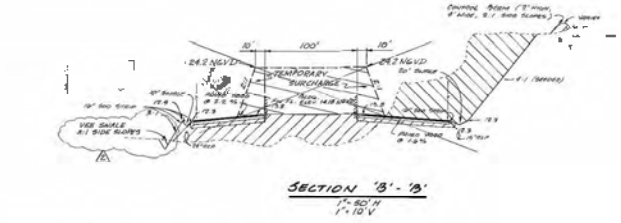
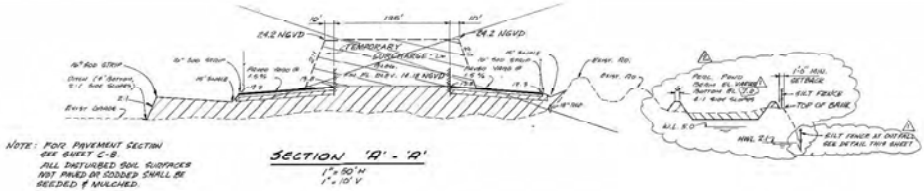
SHEET
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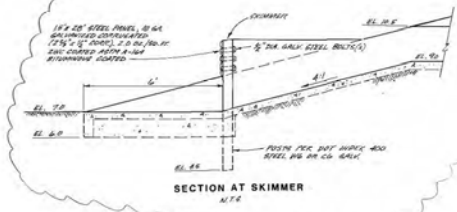
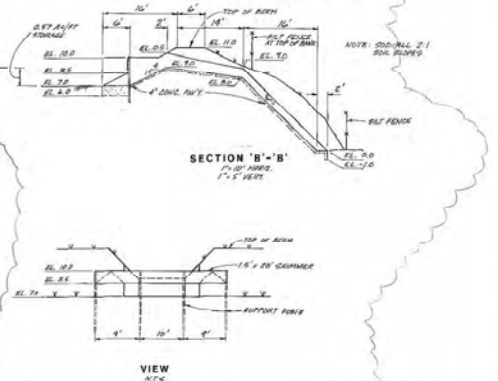
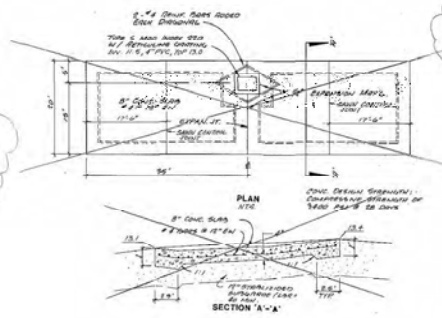
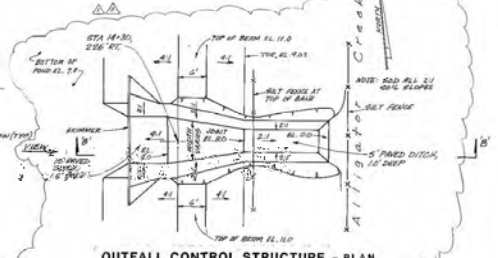
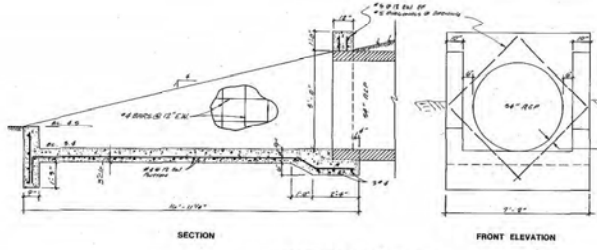
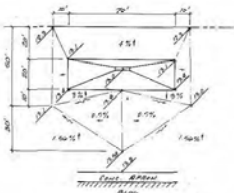
NO.	DATE	REVISION DESCRIPTION	BY
1	11/17/00	AS BUILT	JAS

JPA MAINTENANCE BUILDING GRADING AND DRAINAGE PLAN
 PROJECT NO. 030282
 JPA NO. A/E 151/0707
 DRAWING BY: JAS
 CHECKED BY: JAS
 DATE: 11/17/00

JACKSONVILLE PORT AUTHORITY
 JACKSONVILLE, FLORIDA
JAXPORT



NO.	DATE	REVISION	DESCRIPTION
1	11.15.11	ISSUED FOR PERMITS	PERMITS
2	11.15.11	ISSUED FOR PERMITS	PERMITS
3	11.15.11	ISSUED FOR PERMITS	PERMITS



AS BUILT

JAXPORT

JACKSONVILLE PORT AUTHORITY

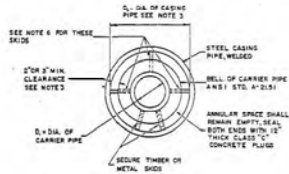
Sverdrup
CORPORATION
1000 North State Street
Jacksonville, FL 32202
Phone: 904.241.1000

JPA MAINTENANCE BUILDING
DRAINAGE DETAILS

NO.	DATE	REVISION DESCRIPTION	BY
1	12/10/10	EXPOSED OUTFALL CONTROL STRUCTURE	JFB
2	12/17/10	EXPOSED OUTFALL CONTROL STRUCTURE	JFB

DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

SHEET
C-6R



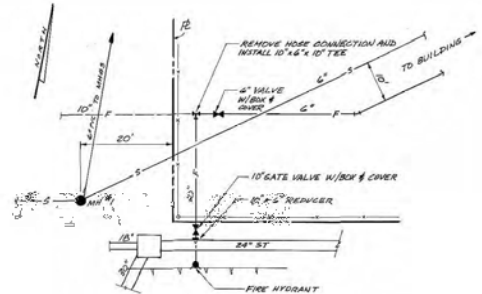
CARRIER PIPE AND CASING PIPE SIZES (MIN.)	
CARRIER PIPE NOM. DIA. (IN.)	12 14 16 18 20 24 30 36 42 48
CASING PIPE NOM. DIA. (IN.)	14 16 18 20 24 30 36 42 48 54 60 66
WALL THICKNESS - INCHES	3/8 1/2 5/8 3/4 7/8 1 1 1/8 1 1/4 1 1/2 1 3/4 1 7/8 2 1/8 2 1/4 2 1/2 2 3/4 3 3/4 4 1/2 5 1/2 6 1/2 7 1/2 8 1/2 9 1/2 10 1/2 11 1/2 12 1/2 13 1/2 14 1/2 15 1/2 16 1/2 17 1/2 18 1/2 19 1/2 20 1/2 21 1/2 22 1/2 23 1/2 24 1/2 25 1/2 26 1/2 27 1/2 28 1/2 29 1/2 30 1/2 31 1/2 32 1/2 33 1/2 34 1/2 35 1/2 36 1/2 37 1/2 38 1/2 39 1/2 40 1/2 41 1/2 42 1/2 43 1/2 44 1/2 45 1/2 46 1/2 47 1/2 48 1/2 49 1/2 50 1/2 51 1/2 52 1/2 53 1/2 54 1/2 55 1/2 56 1/2 57 1/2 58 1/2 59 1/2 60 1/2 61 1/2 62 1/2 63 1/2 64 1/2 65 1/2 66 1/2 67 1/2 68 1/2 69 1/2 70 1/2 71 1/2 72 1/2 73 1/2 74 1/2 75 1/2 76 1/2 77 1/2 78 1/2 79 1/2 80 1/2 81 1/2 82 1/2 83 1/2 84 1/2 85 1/2 86 1/2 87 1/2 88 1/2 89 1/2 90 1/2 91 1/2 92 1/2 93 1/2 94 1/2 95 1/2 96 1/2 97 1/2 98 1/2 99 1/2 100 1/2

SEWER CONDUIT CROSSING AT RAILROAD

M.T.C.

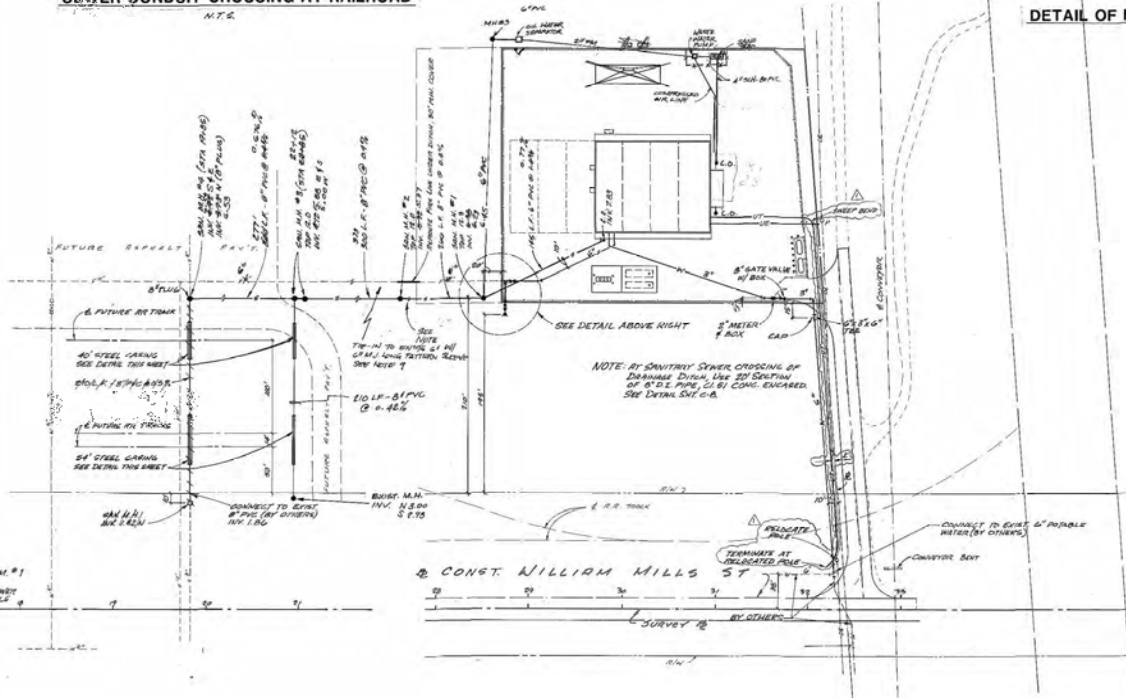
NOTES:

- MIN. COVER TO TOP OF CASING: 4' RAILROAD - 55' TO BASE OF RAIL; 4' FOR HIGHWAY OR INDUSTRIAL TRACKS EXCEPT FOR F.C.C. R.R. (SEE NOTE 4); 4' STREET - 3'-0"
- CASING FOR FORCE MAIN CROSSINGS SHALL BE INSTALLED WITH A 2" VENT PIPE AT EACH END EXTENDING TO NOT LESS THAN 2'-0" FEET ABOVE GROUND SURFACE AND ABOVE THE MAXIMUM ELEVATION OF HIGH WATER. TOP OF VENT PIPE SHALL BE FITTED WITH DOWN-TURNED ELBOW IMPROPERLY SLOTTED. THE VENT PIPE SHALL BE SCHEDULE 40 GALVANIZED STEEL.
- THE INSIDE DIAMETER OF THE CASING PIPE SHALL BE A MINIMUM OF 4 INCHES GREATER THAN THE OUTSIDE DIAMETER OF THE CARRIER PIPE BELL OR COUPLING. HOWEVER A MINIMUM OF 2 INCHES IS REQUIRED FOR FLORIDA EAST COAST RAILROAD CROSSING.
- THE MINIMUM COVER FOR CASING UNDER FLORIDA EAST COAST RAILROAD SHALL BE 2'-0" FEET BELOW THE BOTTOM OF TIES FOR ALL TIES FOR PIPE SUPPORT.
- TWO OR MORE TIMBER OR METAL BRACKS SHALL BE SECURED TO THE CASING PIPE WITH STEENDES' STEEL BOLDS TO 2'-0" ON C-30S BRACKS SHALL BE OF 4'-0" LENGTH LOCATED EQUIDISTANT TO THE BELL END AND THE MIDPOINT OF EACH LENGTH OF CARRIER PIPE FOR PIPE SUPPORT.
- IN ADDITION TO THE SUPPORT ARRANGEMENT OF TIMBER OR METAL BRACKS THE CONTRACTOR SHALL PROVIDE 4'-0" FOOT LONG BRACKS FOR EACH LENGTH OF CARRIER PIPE AT THE SPINE LINE AND ON TOP, ADJACENT TO THE BELL END OF THE PIPE TO PREVENT LATERAL OR VERTICAL DISPLACEMENT.
- POSITION OF CARRIER PIPE UNDER THE CASING PIPE SHALL NOT BE PERMITTED MECHANICAL OR FLANGED JOINT PIPE SHALL BE USED TO HELP PREVENT SUCH ROTATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF CASING AND CASING TO PREINSTALLATION FOR ARCHITECTURAL APPROVALS PRIOR TO FABRICATION OF BRACKS, CASING, AND APPURTENANCES.
- CASING IS A PERMANENT TO REMAIN APPROPRIATELY LOCATED TO BEING.



DETAIL OF FIRE AND SANITARY LINES

SCALE: 1" = 10'



AS BUILT

JAXPORT

JACKSONVILLE PORT AUTHORITY

JACKSONVILLE, FLORIDA

Sewer Dept
 1000 Jacksonville Telephone
 1000 Jacksonville Telephone
 1000 Jacksonville Telephone

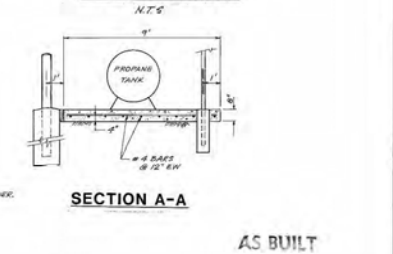
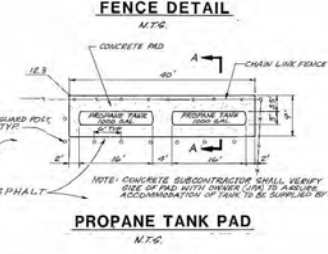
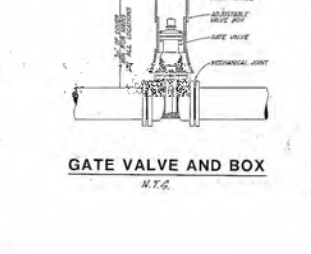
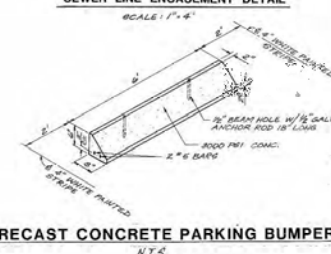
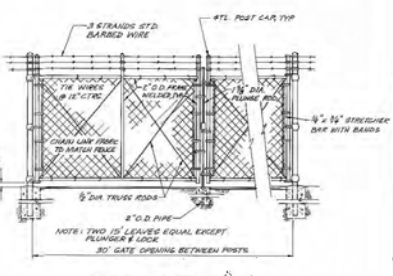
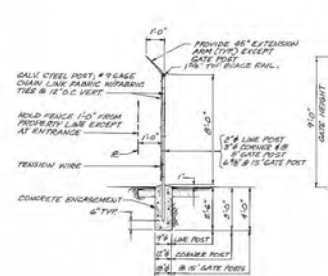
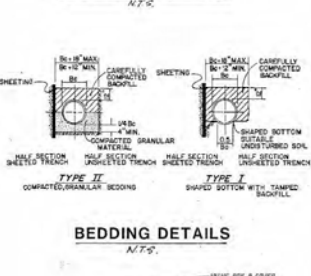
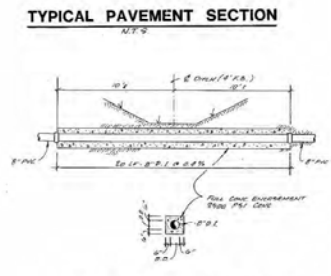
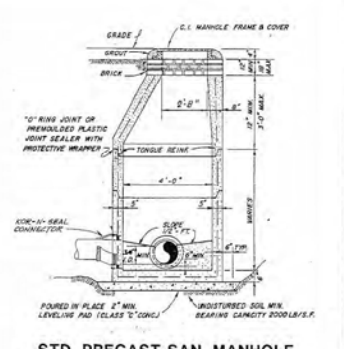
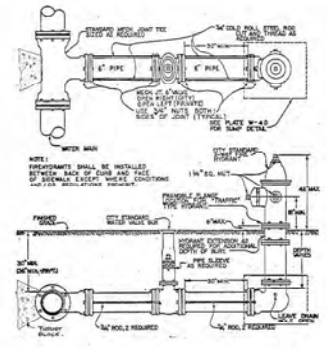
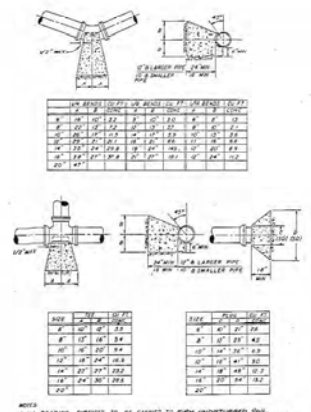
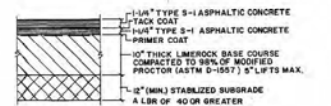
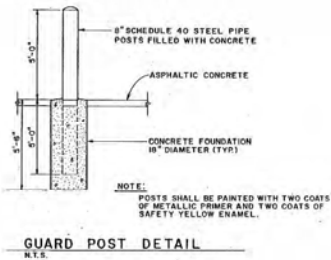
JPA MAINTENANCE BUILDING

UTILITY PLAN

PROJECT NO. 03082 C-203
 JPA No. A/E 157
 DATE 1/25/88
 DRAWN BY JAV
 APPROVED BY JAV

DATE 1/25/88
 REVISION IDENTIFICATION
 1/1

SHEET
C-7R



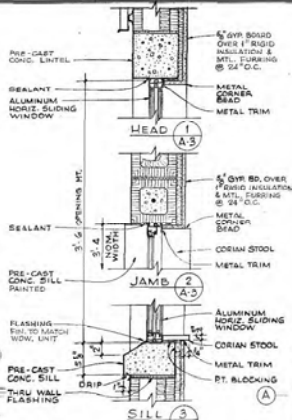
JAXPORT

JACKSONVILLE PORT AUTHORITY

JPA MAINTENANCE BUILDING SITE & UTILITY DETAILS

PROJECT NO. 030392
JPA No. A/E 147
DATE: 1/27/07
DESIGNED BY: JPA
CHECKED BY: JPA
APPROVED BY: JPA

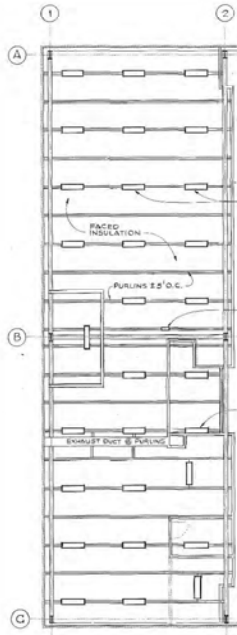
SHEET
C-8



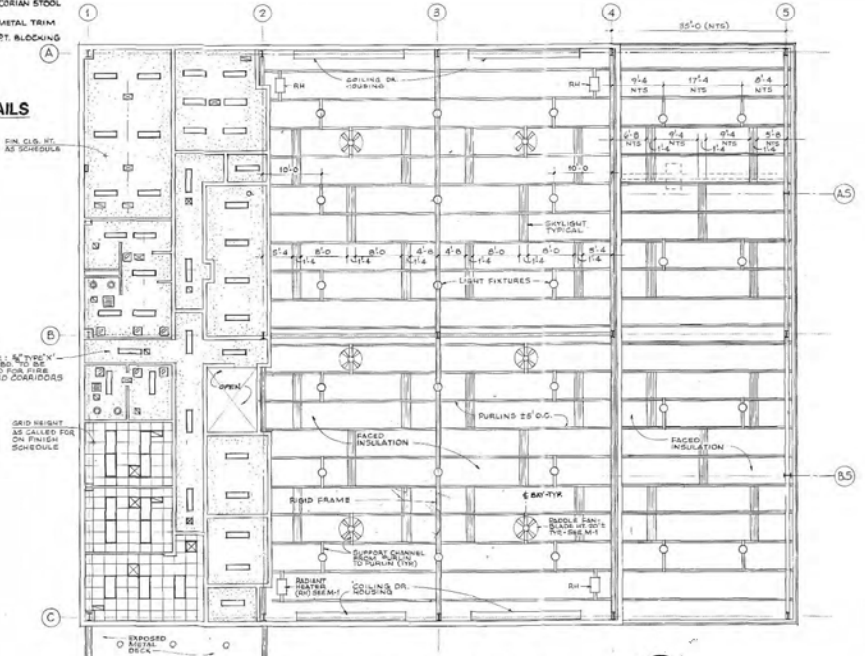
TYPICAL WINDOW DETAILS
SCALE: 1/2" = 1'-0"

LEGEND

- 2' x 4' CEILING GRID (SUSPENDED ACoustICAL PANELS)
- 2' x 4' RECESSED FLUORESCENT LIGHT FIXTURE
- SURFACE MTD OR CHAIN HUNG FLOOR LIGHT FIXTURE
- RETURN OR EXHAUST AIR GRILLE
- SUPPLY AIR GRILLE
- GYPSUM BOARD CEILING (SEE FIN. SCHED.)
- FLUSH MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- 1/2" ROOF SKYLIGHT



MEZZANINE REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

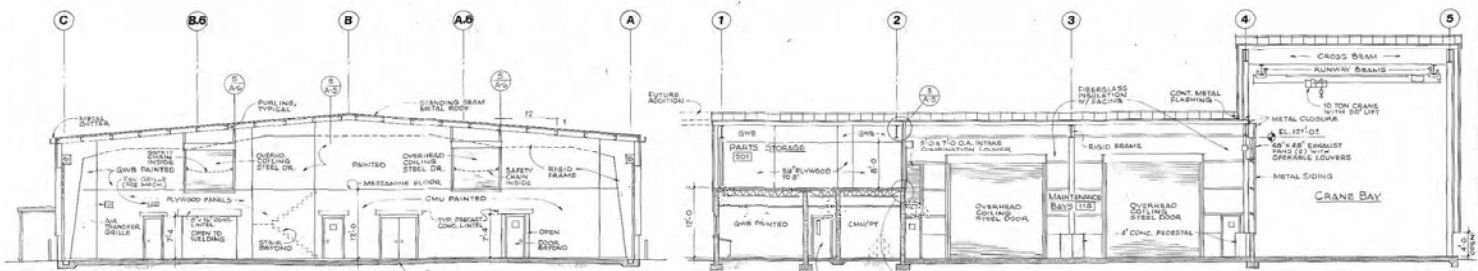


FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



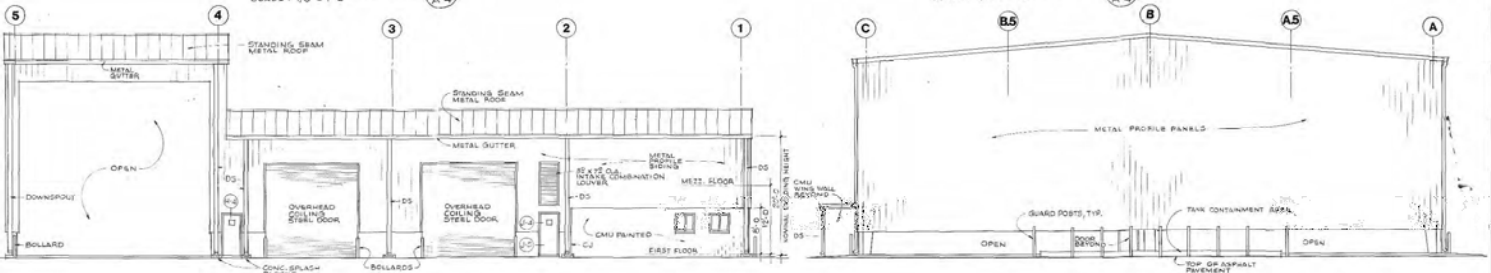
AS BUILT

PROJECT NO.	130592
JPA NO.	17
DATE	11/15/07
DESIGNED BY	JEN
APPROVED BY	11/15/07



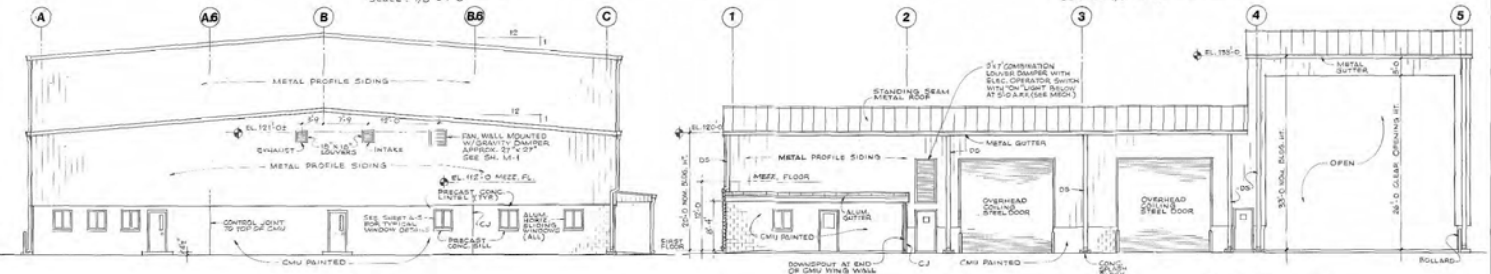
BUILDING SECTION A-A
SCALE: 1/8" = 1'-0"

BUILDING SECTION B-B
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"

RIGHT SIDE ELEVATION
SCALE: 1/8" = 1'-0"

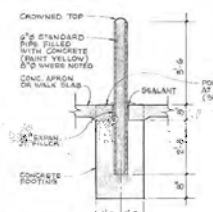


LEFT SIDE ELEVATION
SCALE: 1/8" = 1'-0"

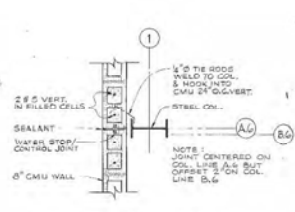
FRONT ELEVATION
SCALE: 1/8" = 1'-0"

NOTE:
RIGID FRAME, STEEL BEAMS, STANDING SEAM METAL ROOFING, METAL PROFILE SIDING, SUTTERS, AND DOWNSPOUTS BY RE-ENGINEERED METAL BUILDING SUPPLIER U.O.N.

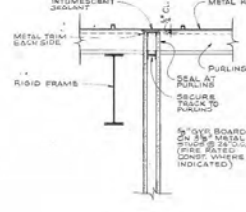
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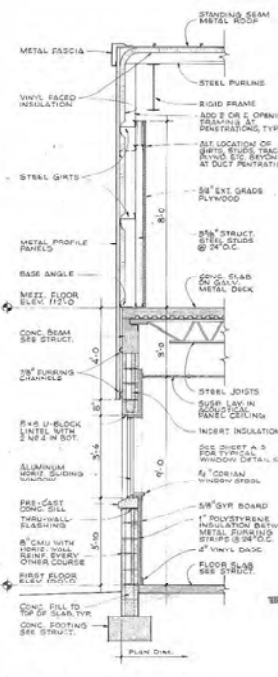
BOLLARD DETAIL
SCALE: 1/2" = 1'-0"



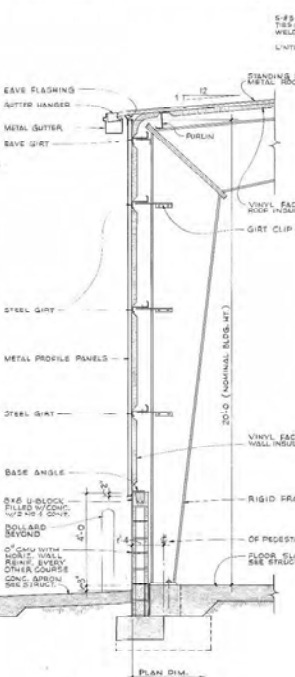
CONTROL JOINT DETAIL
SCALE: 3/4" = 1'-0"



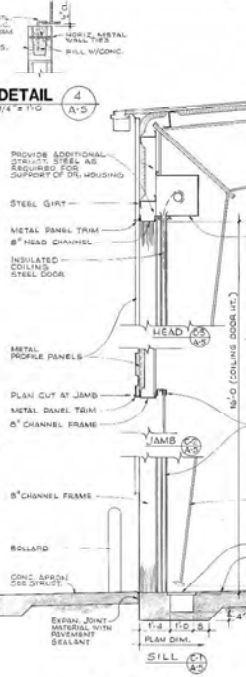
PARTITION AT ROOF
SCALE: 3/4" = 1'-0"



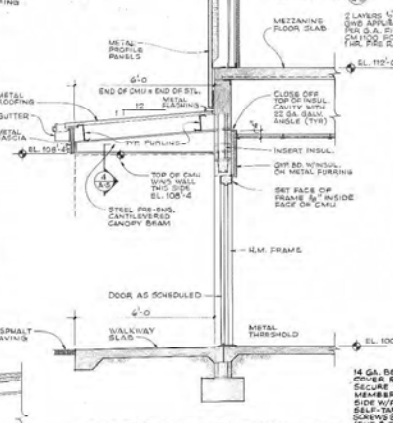
WALL SECTION A
SCALE: 1/2" = 1'-0"



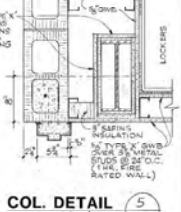
WALL SECTION B
SCALE: 1/2" = 1'-0"



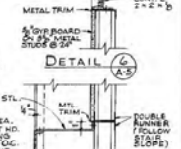
WALL SECTION C
SCALE: 1/2" = 1'-0"



PARTIAL WALL SECTION
SCALE: 1/2" = 1'-0"



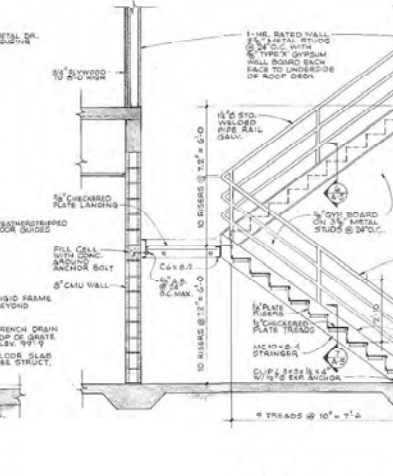
COL. DETAIL
SCALE: 1/2" = 1'-0"



DETAIL 6
SCALE: 1/2" = 1'-0"



STRINGER/WALL CLOSURE DETAIL
SCALE: 1/2" = 1'-0"



STAIR SECTION
SCALE: 1/2" = 1'-0"

AS BUILT

JAXPORT

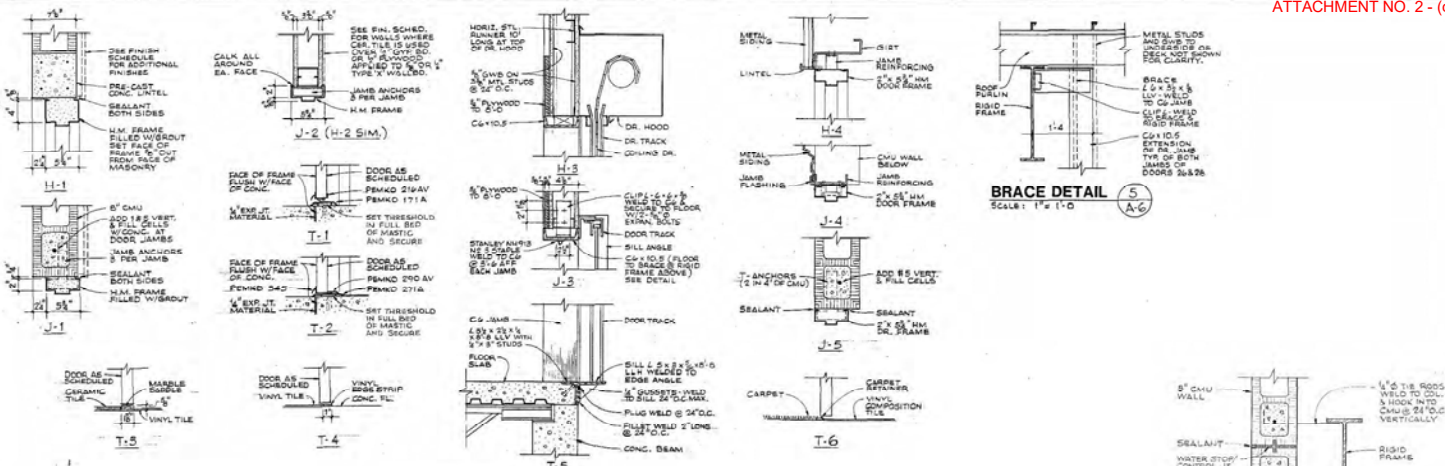
JACKSONVILLE PORT AUTHORITY

JPA MAINTENANCE BUILDING

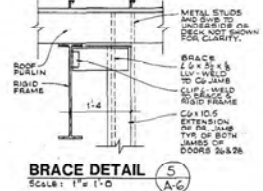
WALL SECTIONS AND DETAILS

PROJECT NO. 030882
DATE: 12/27/07
DRAWN BY: JFN
APPROVED BY: [Signature]

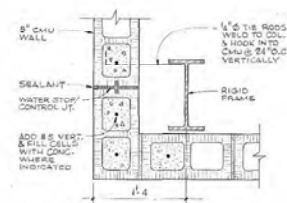
SHEET
A-5



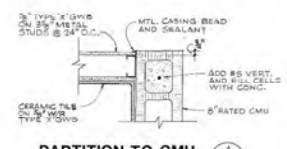
DOOR FRAME DETAILS
SCALE: 1/2" = 1'-0"
SEE DOOR SCHEDULE SJA-1 FOR APPLICATION



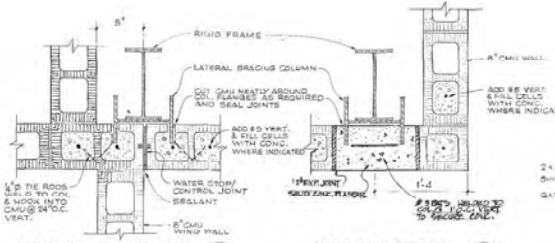
BRACE DETAIL 5
SCALE: 1" = 1'-0"



CONTROL JT. DETAIL 6
SCALE: 1/2" = 1'-0"

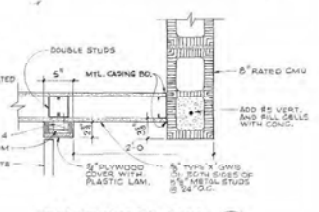


PARTITION TO CMU 4
SCALE: 1/2" = 1'-0"



CONTROL JT. DETAIL 1
SCALE: 1/2" = 1'-0"

CORNER DETAIL 2
SCALE: 1/2" = 1'-0"

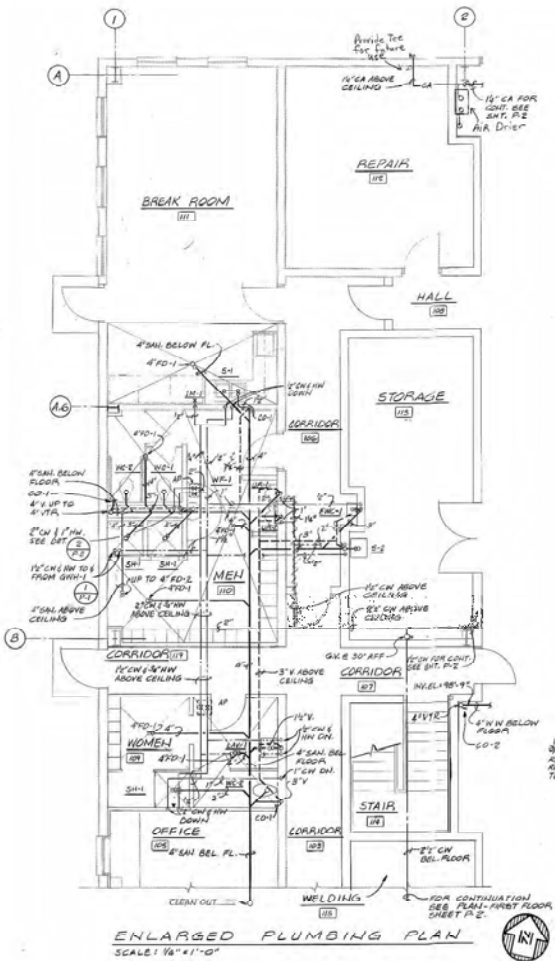
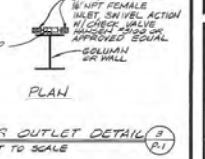
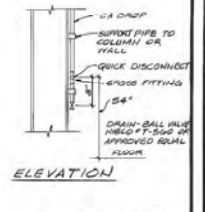
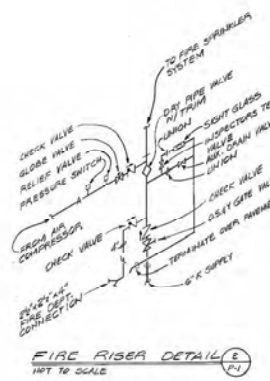
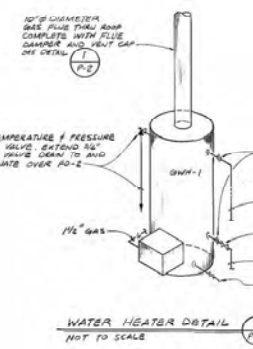
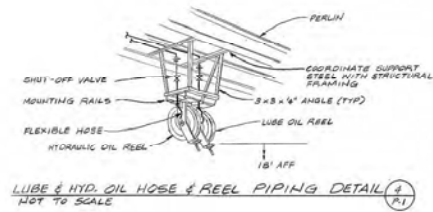
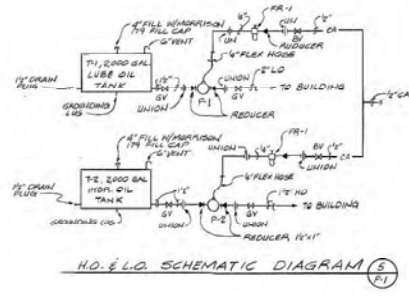


PARTITION TO CMU 3
SCALE: 1/2" = 1'-0"

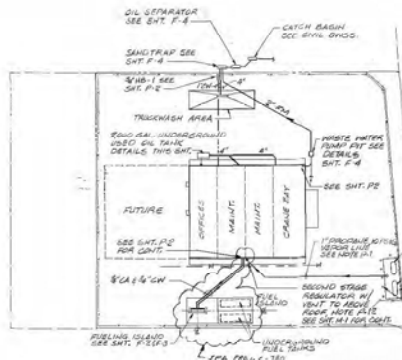
AS BUILT

LEGEND

SYMBOL	DESCRIPTION (ABBREVIATION)
---	SOIL & WASTE PIPING (S)
---	VENT PIPING (V)
---	COLD WATER PIPING (CW)
---	HOT WATER PIPING (HW)
---	HOT WATER CIRCULATING (HW/C)
---	RAINWATER DRAINAGE PIPING (RW)
---	FIRE PROTECTION PIPING (FP)
---	GAS PIPING (G)
---	CHECK VALVE - ARROW INDICATES FLOW DIRECTION
---	GATE VALVE (GV)
---	GATE VALVE IN VERTICAL RUN (GVV)
---	UNION (UN)
---	CAP ON END OF PIPE
---	FLANGED TEE
---	CLEANOUT IN FLOOR (CO)
---	CLEANOUT ON END OF PIPE (CO)
---	BALANCING COCK (BC)
---	WATER HAMMER ARRESTOR - LETTER INDICATES P.S.I. RATING
---	FLUG FOR FUTURE CONNECTION
---	PIPE TURNING DOWN
---	PIPE TURNING UP
---	DROP OR RISE
---	BRANCH CONNECTION FROM BOTTOM
---	BRANCH CONNECTION FROM TOP
---	BRANCH CONNECTION FROM SIDE
---	SIZE-HOSE BIBB - NUMBER INDICATES TYPE (HB)
---	SIZE-FLOOR DRAIN - NUMBER INDICATES TYPE (FD)
---	SIZE-HUB DRAIN (HD)
---	SIZE-ROOF DRAIN - NUMBER INDICATES TYPE (RD)
---	PRESSURE & TEMPERATURE RELIEF VALVE (PTR)
---	VENT THRU ROOF (VTR)
---	INVERT ELEVATION (INVELEV)
---	DETAIL, RISER, OR SECTION NUMBER
---	SHEET NUMBER WHERE DETAIL, RISER, OR SECTION IS DRAWN
---	CALCULATED AIR (C.A.)
---	HYDRAULIC OIL (H.O.)
---	LUBRICATING OIL (L.O.)
---	WASTE WATER (W.W.)
---	BALL VALVE (BV)
---	ACCESS PANEL

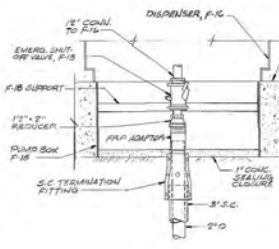


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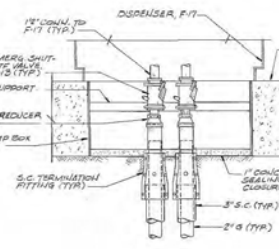


MECHANICAL SITE PLAN
SCALE: 1"=50'

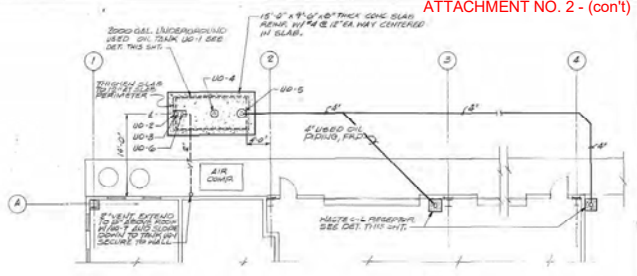
- GENERAL NOTES**
1. THE MAINTENANCE BAY SHALL BE CONSTRUCTED TO PERMIT THE STORAGE OF FUEL TANKS AND TO BE USED FOR THE STORAGE AND TYPING ABOVE THE CONCRETE PAD FROM 1" VARIOUS USES.
 2. THE CONTRACTOR SHALL:
 - A. PROVIDE ALL PROGRAMS WITH AN AGREEMENT WITH THE JPA TO BE "LICENSED FUEL TANKS, STORAGE AND TYPING" FOR THE STATE OF FLORIDA "LICENSED FUEL TANKS, STORAGE AND REGULATIONS".
 - B. INSTALL UNDERGROUND FUELING ISLANDS TO PERMIT FUELING FROM STORAGE, USE PROGRAM, INCLUDING FUELING.
 - C. CLEAN ALL PIPING OF ALL FOREIGN MATERIAL PRIOR TO THE START OF FUELING.
 - D. FUEL DISPENSER FITTING WITH ONE (1) COAT OF CONCRETE "SEAL" SHALL BE PLACED ABOVE THE (1) COAT OF FLOOR IN THE FUEL DISPENSER NEAR LIQUID FUELING - CARBONITE 4684, SAFETY YELLOW 2499, PROGRAM TANK - CARBONITE 4684, SAFETY YELLOW 2499.
 - E. THE CONTRACTOR SHALL CONSIDER THE BAY WITH THE JPA'S PROGRAMS (FUEL TANKS AND REGULATIONS) AND THE DESIGNATION NAME LINE, SEE CONCRETE PLAN, AND THE BAY'S FLOOR.
 3. FUELING ISLAND SHALL BE CONSTRUCTED AS PER THE JPA'S AGREEMENT WITH THE JPA TO BE "LICENSED FUEL TANKS, STORAGE AND REGULATIONS". THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:
 - A. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 - B. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 - C. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 4. ALL TANKS AND EQUIPMENT SHALL BE PROVIDED WITH 1/2" AND 3/4" COAT OF CONCRETE "SEAL" SHALL BE PLACED ABOVE THE (1) COAT OF FLOOR IN THE FUEL DISPENSER NEAR LIQUID FUELING - CARBONITE 4684, SAFETY YELLOW 2499, PROGRAM TANK - CARBONITE 4684, SAFETY YELLOW 2499.
 5. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 6. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 7. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 8. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 9. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 10. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 11. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.
 12. FUELING ISLAND SHALL BE CONSTRUCTED WITH PROPERLY UNDERGROUND FUELING ISLANDS.



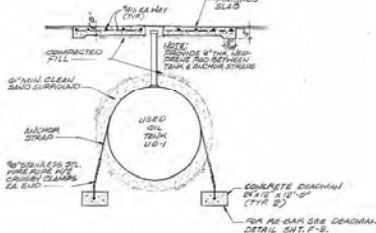
DETAIL 1
SCALE: 1/2"=1'-0"



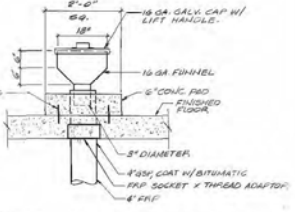
DETAIL 2
SCALE: 1/2"=1'-0"



PARTIAL ENLARGED PLAN
SCALE: 1/2"=1'-0"

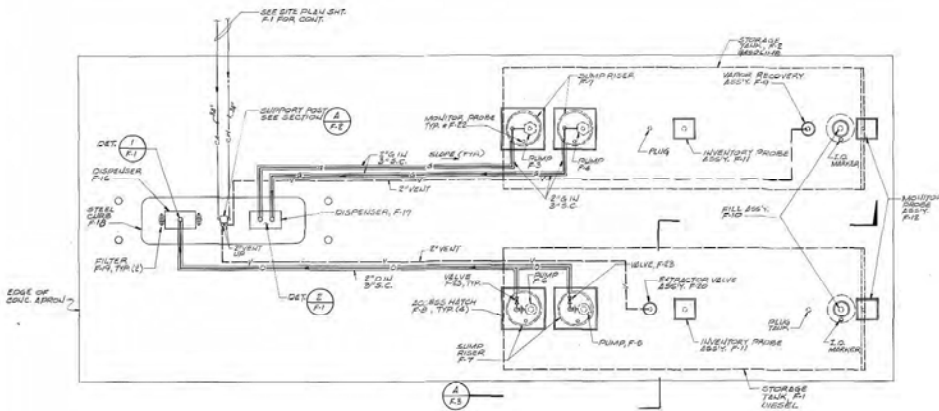


USED OIL TANK DETAILS
NOT TO SCALE



WASTE OIL RECEPTOR DETAIL
NOT TO SCALE

AS BUILT



FUELING ISLAND PIPING PLAN
SCALE: 1/4"=1'-0"

REPLACED BY
REV. 10/2007

FUEL EQUIPMENT SCHEDULE

- SEE SPEC SECTION 15300 FOR COMPLETE SPECIFICATION
- F-1 FUEL STORAGE TANK - DIESEL FUEL, 20,000 GALLON
- F-2 FUEL STORAGE TANK - GASOLINE FUEL, 20,000 GALLON
- F-3 FUEL PUMP - GASOLINE FUEL
- F-4 FUEL PUMP - GASOLINE FUEL
- F-5 FUEL PUMP - DIESEL FUEL
- F-6 FUEL PUMP - DIESEL FUEL
- F-7 FUEL PUMP - DIESEL FUEL
- F-8 ACCESS HATCH
- F-9 VALVE RECOVERY ASSEMBLY - TANK F-2
- F-10 FILL ASSEMBLY
- F-11 ISOLATED FUEL ASSEMBLY
- F-12 TANK LEAK MONITOR PROGRAM ASSEMBLY
- F-13 ISOLATED DIESEL-TYPE VALVE
- F-14 VENT CAP - GASOLINE TANK
- F-15 VENT CAP - DIESEL TANK
- F-16 FUEL DISPENSER - DIESEL FUEL (ON FUEL ISLAND)
- F-17 FUEL DISPENSER - GASOLINE FUEL (ON FUEL ISLAND)
- F-18 ISLAND STOP AND CLOSING
- F-19 FUEL ISLAND - DIESEL FUEL (ON FUEL ISLAND)
- F-20 EXTRACTOR VALVE ASSEMBLY
- F-21 ISOLATED MONITORING SYSTEM
- F-22 LEAK MONITORING SYSTEM
- F-23 BALL VALVE
- F-24 OIL WATER SEPARATOR ASSEMBLY (ON FUEL ISLAND)
- F-25 COMPRESSED AIR HOSE ASSEMBLY (ON FUEL ISLAND)

USED OIL EQUIPMENT SCHEDULE

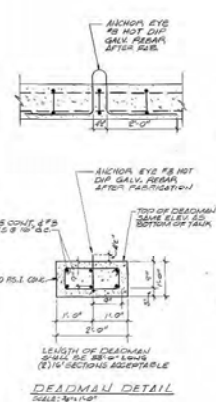
- SEE SPEC SECTION 15340 FOR COMPLETE SPECIFICATION
- UO-1 USED OIL STORAGE TANK
- UO-2 LEAK DETECTION ASSEMBLY
- UO-3 EXTRACTOR VENT VALVE ASSEMBLY
- UO-4 GAUGE ASSEMBLY
- UO-5 FURNACE ASSEMBLY
- UO-6 FURNACE
- UO-7 VENT CAP

WATER WASH EQUIPMENT SCHEDULE

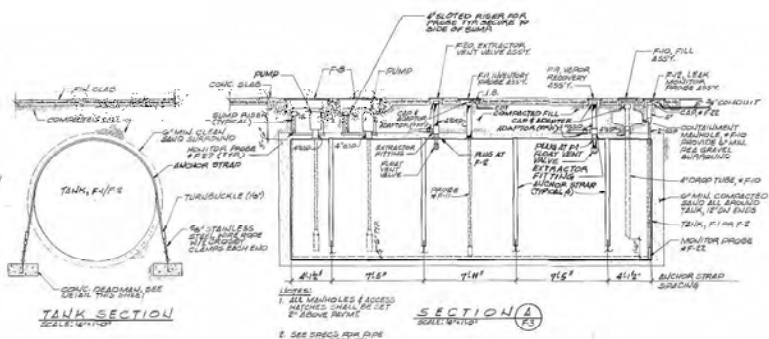
- SEE SPEC SECTION 15470 FOR COMPLETE SPECIFICATION
- D-1 OIL/WATER SEPARATOR
- D-2 WATER WASH PUMP

LEGEND

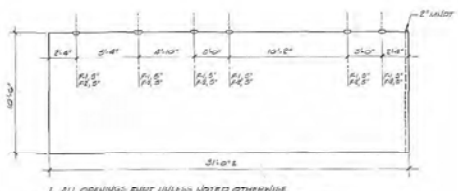
- G GASOLINE SUPPLY PIPING
- D DIESEL SUPPLY PIPING
- C CONTAINMENT PIPING
- OP GALVANIZED STEEL PIPE
- FP FIBERGLASS REINFORCED FIBRE
- CM COND. MATCH PIPING
- CONC. CONCRETE
- R.R. RIBBON
- OP.G. OPERING
- M.S. MECHANICAL
- EXP. EXPANSION JOINT
- CT CAST IRON
- UO USED OIL
- JB JUNCTION BOX



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



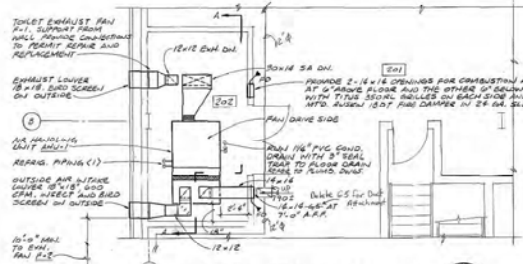
SECTION A-A
SCALE: 1/4"=1'-0"



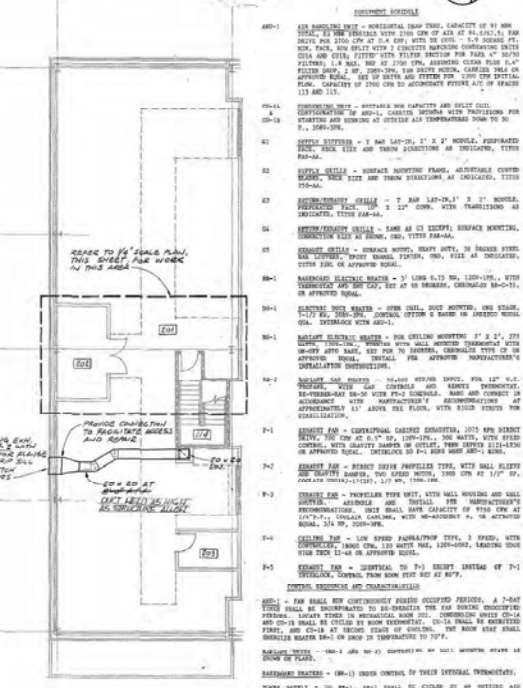
DETAIL - TANKS F-1/F-2
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AS BUILT

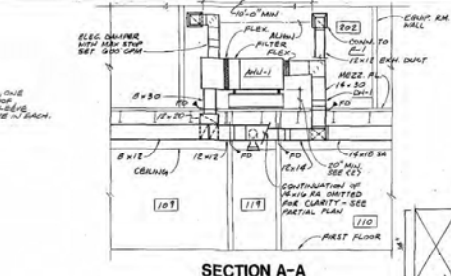
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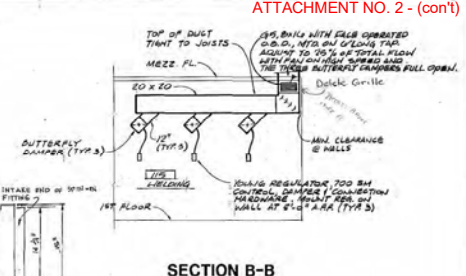
PARTIAL PLAN - MEZZANINE
SCALE: 1/4" = 1'-0"



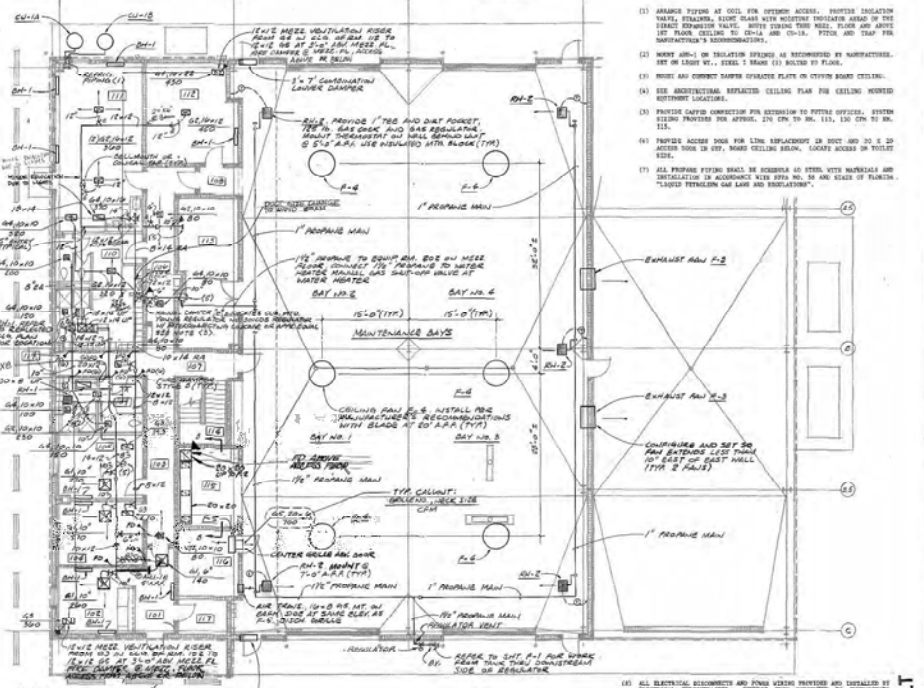
PLAN - MEZZANINE
SCALE: 1/8" = 1'-0"



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



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



PLAN - FIRST FLOOR
SCALE: 1/8" = 1'-0"

- 100-1 AIR HANDLING UNIT - HORIZONTAL DRAIN PAN, CAPACITY OF 90 GALLONS. PROVIDE 1/2\"/>
- 100-2 EXHAUST FAN - 1/2\"/>
- 100-3 EXHAUST FAN - 1/2\"/>
- 100-4 EXHAUST FAN - 1/2\"/>
- 100-5 EXHAUST FAN - 1/2\"/>
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- 100-97 EXHAUST FAN - 1/2\"/>
- 100-98 EXHAUST FAN - 1/2\"/>
- 100-99 EXHAUST FAN - 1/2\"/>
- 100-100 EXHAUST FAN - 1/2\"/>

- (1) ARRANGE PIPING AS SHOWN FOR OPTIMUM ACCESS. PROVIDE INSULATION VALVE, STRAINER, SIGHT GLASS WITH MOUNTING INDICATOR AHEAD OF THE EXHAUST FAN. SIGHT GLASS TO BE 1/2\"/>
- (2) MOUNT AIR-ON-CEILING EXHAUST FANS AS SHOWN BY MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- (3) MOUNT AIR-ON-CEILING EXHAUST FANS AS SHOWN BY MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- (4) SEE ARCHITECTURAL SEPARATED CEILING PLAN FOR CEILING MOUNTED EXHAUST FAN LOCATIONS.
- (5) PROVIDE EXHAUST CONNECTION PIPE AS SHOWN TO EXHAUST UNIT. SYSTEM SHALL PROVIDE 2\"/>
- (6) PROVIDE ACCESS DOOR FOR LINE REPLACEMENT ON EXHAUST AND DO NOT ACCESS DOOR IN EXHAUST CEILING. LOCATE ACCESS DOOR IN EXHAUST CEILING.
- (7) ALL PIPING FITTING SHALL BE NUMBERED AS SHOWN WITH MATERIALS AND IDENTIFIED IN ACCORDANCE WITH AREA NO. 10 AND STATE OF FLORIDA. PROVIDE TYPICAL FOR LINE AND CONNECTIONS.

3/4\"/>

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NUMBER	LAMP		NOTES	DESCRIPTION
			AMT	TYPE		
A	LITHONIA	ESR3444VET125	3	F40CW	277	LATHING BEAM FLUORESCENT WITH ENERGY SAVING BALLAST
B	LITHONIA	ESR3444VET125	2	F40CW	277	SAME AS TYPE "A" EXCEPT TWO LAMPS
C	LITHONIA	ANV2442T5	2	F40CW	277	SURFACE MTD. FLUORESCENT W/REARGLASS WITH ENERGY SAVING BALLAST
D	NOT USED	---	---	---	---	---
E	LITHONIA	FE23WREL	2	FLUORESCENT WITH BATTERY	277	EXIT LIGHT WITH BATTERY PACK, PROVIDE ARROWS AS INDICATED
F	LITHONIA	BLA2442T5	2	F40CW	277	INDUSTRIAL FLUOR. DOWN HANG AT 10' HGT. MOUNT TO RAILING IN MEZANINE AREA
G	FAIRBANK	ANV2442T5	2	F40CW	277	FLUORESCENT REAR LIGHT WITH ENERGY SAVING BALLAST
H	ACAB DIMMER	BO4503R	1	L400	180	SURFACE MOUNTED TUBE WITH HIGH INHERENT POLYCARBONATE LENS
J	HI-TEK	TWP7052T-FB	1	L400	277	HIGH PRESSURE SODIUM WALL MOUNTED SECURITY LIGHT
K	HI-TEK	TAL2002AWL	1	L400	277	LOW BAY HIRE FIXTURE WITH 2-1/2" DIA. HOUSING
L	ALPHANE	JDR300PT-50-F1	1	L400	277	ENCLOSED AND SERVED SQUARE DISTRIBUTION
M	ALCO	1158	1	F40CW/RS	180	FLUORESCENT UNDERCLOSET LIGHT
N	LITHONIA	LA/LCI	2	T8TT	180	FLUORESCENT BAYHEAD LIGHT
P	LITHONIA	ELU2M	2	FLUORESCENT WITH FUTURE	277	RECESSED BATTERY LIGHT WITH TUNGSTEN HALOS AND LEAD BATTERY
Q	HOLPHANE	PEB400PWH-FE	1	L400	480	HIGH BAY HEADLIGHT TUBE WITH ALUMINUM HOUSING, TUBE MTD. WALL MOUNTED, FLUORESCENT BATTERY LIGHT
R	MAGNELLI	PRACTICA BELLA	1	FLUORESCENT WITH FUTURE	277	RECESSED BATTERY LIGHT
X	LITHONIA	FE23WREL	2	F40CW	277	SAME AS TYPE "E" EXCEPT DOWNWARD FACING

ELECTRICAL LEGEND

- LIGHTING FIXTURES:**
- RECESSED FLUORESCENT LIGHTING FIXTURE WITH JUNCTION BOX AND FLEXIBLE METALLIC CONDUIT CONNECTION. UPPER CASE LETTER DENOTES FIXTURE TYPE; LOWER CASE LETTER, IF SHOWN, DENOTES SWITCHING ARRANGEMENT.
 - RECESSED EMERGENCY LIGHTING FIXTURE
 - ⊙ EXIT LIGHT - PROVIDE ARROWS AS INDICATED
 - SURFACE MOUNTED FLUORESCENT LIGHTING FIXTURE
 - SURFACE MOUNTED E.L.S. LIGHTING FIXTURE
 - SURFACE MOUNTED INCANDESCENT LIGHTING FIXTURE
 - WALL MOUNTED E.L.S. FLUORESCENT
 - WALL MOUNTED EMERGENCY LIGHTING FIXTURE
- WIRING SYMBOLS:**
- ⊕ SINGLE POLE TOGGLE SWITCH: 15 AMP, 120/277 VOLT, 48-INCH MOUNTING HEIGHT, U.S.C.
 - ⊕ THREE-WAY TOGGLE SWITCH: 15 AMP, 120/277 VOLT, 48-INCH MOUNTING HEIGHT, U.S.C.
 - ⊕ SWITCH RECEPTACLE: 15 AMP, 120 VOLT, 3 WIRE CIRCUITING, 18-INCH MOUNTING HEIGHT, U.S.C.
 - ⊕ SWITCH RECEPTACLE: SAME AS ABOVE EXCEPT MOUNTED ABOVE COUNTER
 - ⊕ WIRING SYMBOL: FLEX-SWITCHING CAP. 3 POLE, 4 WIRE, 20 AMP, MODEL NO. P201472, AS SHOWN MOUNTING HEIGHT, U.S.C.
 - ⊕ TEST EQUIPMENT OUTLET: 200V, 3 POLE, 3 WIRE, 20 AMP RECEPTACLE TO MATCH GAP ON TEST EQUIPMENT PROVIDED, 42-INCH MOUNTING HEIGHT, U.S.C.
 - ⊕ SURFACE METAL RECEPTACLE: 4 FOOT LENGTH WITH 8 SINGLE, GROUNDED RECEPTACLES ON 9-INCH CENTER, WIREMOLD NO. D262409, 42-INCH MOUNTING HEIGHT, U.S.C.
- MECHANICALS:**
- ⊕ TELEPHONE OUTLET: 4-INCH SQUARE JUNCTION BOX WITH 1-GANG EXTENSION RING AND ONE-1/2" CONDUIT HORNEN TO TELEPHONE BOARD; 18-INCH MOUNTING HEIGHT, U.S.C.
 - JUNCTION BOX
 - FLEXIBLE METALLIC CONDUIT CONNECTION TO EQUIPMENT
 - MOTOR, FAN, PUMP OR AIR CONDITIONING UNIT
 - 120/240 VOLT PANELBOARD
 - 277/480 VOLT PANELBOARD
 - ⊕ WALL MOUNTED THERMOSTAT: PROVIDE A SUITABLE BACK BOX AND EXTEND 1/2-INCH CONDUIT TO APPROXIMATE AIR CONDITIONING UNIT
 - ⊕ NON-FUSED SAFETY SWITCH: "3/8" DENOTES POLE/PHASE RATING; DATA DENOTES PROVIDED WITH EQUIPMENT
 - ⊕ FUSED SAFETY SWITCH: "3/8" DENOTES POLE/PHASE RATING; DATA DENOTES PROVIDED WITH EQUIPMENT
 - ⊕ MAGNETIC MOTOR STARTER: SEE FLOOR PLANS FOR EXACT CONNECTION
 - ⊕ COMBINATION NON-FUSED DISCONNECT SWITCH AND MAGNETIC MOTOR STARTER: SEE FLOOR PLANS FOR EXACT DESCRIPTION
 - ⊕ SERVICE WARDROBE: MUST BE RECEPTACLE MOUNTED AND PROVIDE LISTED NO. 4970 COMPLIANT; FOR DETAILS PROVIDE LISTING NO. 4416 PLATE, USE APPROVED DIMENSIONS
 - ⊕ UNLESS NOTED OTHERWISE
 - ⊕ ABOVE FINISHED FLOOR
- WIRING SYMBOLS:**
- WIRING IN CONDUIT, RUN CONCEALED IN SLAB OR UNDERGROUND
 - WIRING IN CONDUIT, RUN CONCEALED ABOVE CEILING OR IN WALLS
 - WIRING IN CONDUIT, RUN EXPOSED
 - ⊕ WIREMOLD TO PANELBOARD: NUMBER OF ARROWS DENOTES QUANTITY OF CIRCUITS. DIMENSIONS INDICATE QUANTITY BY NO. 12 CONDUITS. RING W/ID BY DIMENSIONS ARE 18-INCH CONDUIT; 2 NO. 12, 1 1/2" DIA. NO WET CONDUIT RUNWAYS EXCEPT AS SPECIFICALLY INDICATED ON THE PLAN.

GENERAL NOTES

- THE CONTRACTOR SHALL KEEP PRINTS OF BRANCHES MARKED TO CLEARLY INDICATE ALL CHANGES MADE AND THE EXACT LOCATION OF CONDUITS CONCEALED UNDER CONCRETE OR FLOORING. A COPY OF THESE SHALL BE SENT TO THE OWNER UPON COMPLETION OF THE JOB.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL SWITCHES, CONTROLS, STARTERS, MOTOR TERMINALS, SECURITY DEVICES, AUTOMATIC CONTROLS AND OTHER ELECTRICALLY OPERATED ITEMS FURNISHED TO HIM BY OWNER FOR ALL WORK, CORRECT, ADJUST AND REPAIR. VERIFY ALL CONNECTIONS TO EACH MOTOR COMPLETE. VERIFY IF SUCH ITEMS FURNISHED BY OTHERS SHALL BE IN ACCORDANCE WITH APPROVED NEW BRANCHES AND MANUFACTURER'S INSTRUCTIONS BY THE SUPPLIER OF THE PARTICULAR EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL VERIFY AND INSTALL ANY NECESSARY DISCONNECT SWITCHES REQUIRED BY LOCAL CODES AND NFPA 70E, 70 (BNC).
- ALL EQUIPMENT EXPOSED TO THE WEATHER OR WET CONDITIONS SHALL BE WEATHERPROOF (SEE 31).
- APPLY BRANCH TAP MARKERS TO ALL STARTERS, DISCONNECTS, PANELS AND SEPARATELY MOUNTED CIRCUIT BREAKERS. MARKERS SHALL INDICATE NAME, NUMBER AND/OR CIRCUIT IDENTIFICATION.
- ALL ELECTRICAL DISCONNECTS AND POINTS WHERE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR, CONDUIT FROM EQUIPMENT TO TERMINALS PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR, TERMINALS AND AIR CONTROL WIRING PROVIDED AND CONTROLLED BY MECHANICAL CONTRACTOR.

JAXPORT

JACKSONVILLE PORT AUTHORITY

JPA MAINTENANCE BUILDING ELECTRICAL LEGEND, NOTES AND SCHEDULES

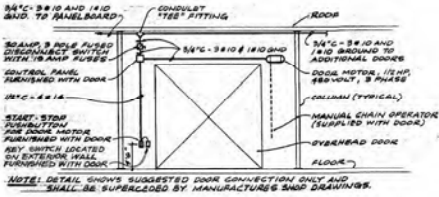
Swearing

I, **JAYNE**, being duly sworn, depose and say that the foregoing is a true and correct copy of the Electrical Legend, Notes and Schedules for the Maintenance Building at the Jacksonville Port Authority, Jacksonville, Florida.

SUBSCRIBED AND SWORN TO before me this **17** day of **SEP**, 20**24** at Jacksonville, Florida.

Notary Public in and for the State of Florida
My Commission Expires **07/27/27**

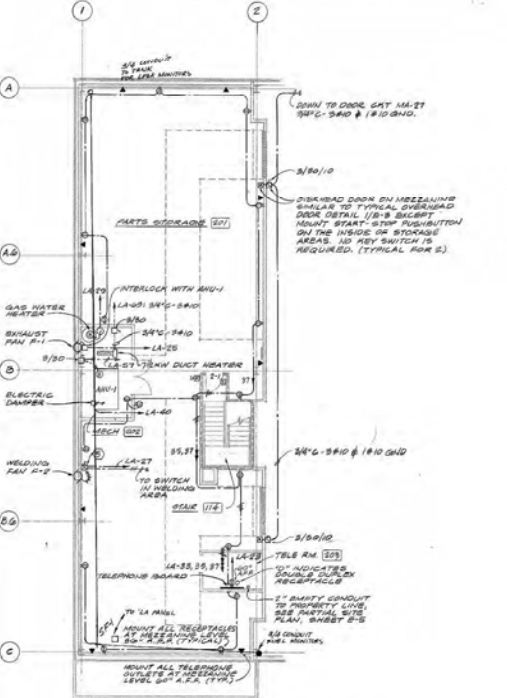
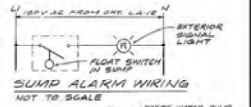
DRAWN BY: **JAYNE**
CHECKED BY: **JAYNE**
DATE: **9/17/24**
SCALE: **AS SHOWN**
SHEET NO. **1** OF **1**



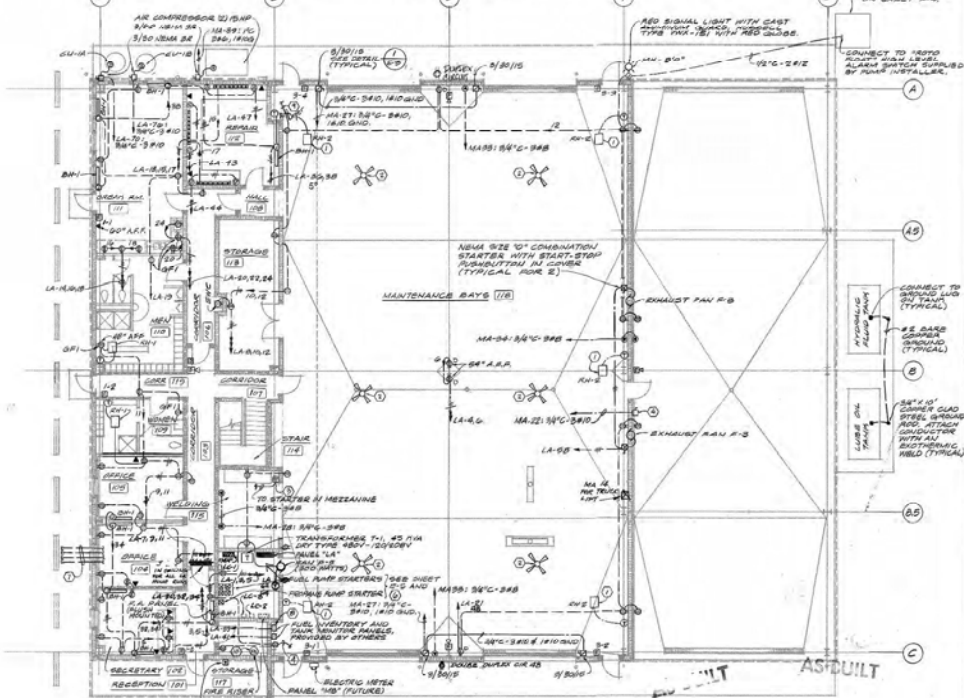
TYPICAL OVERHEAD DOOR DETAIL
NOT TO SCALE

PLAN NOTES

1. RADIANT HEATER 1 CONNECT TO CIRCUIT EA-26 FOR CONTROL.
2. EXHAUST FAN #1-1 CONNECT TO CIRCUIT LA-25 MOUNT 2-WIRE CONTROL (MANUFACTURER'S DRAWING) AS DIRECTED BY OWNER.
3. CLASS ROOM 3 POSITION ROTARY RELAYS WITH (GREEN) PLATE MOUNT IN HALL ADJACENT TO LIGHT SWITCH.
4. DISCONNECT SWITCH FOR BRIDGE CRANE. VERIFY SIZE WITH EQUIPMENT MANUFACTURER. MOUNT 1' 0\"/>



MEZZANINE PLAN - POWER
SCALE 1/8" = 1'-0"



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

JAXPORT

JACKSONVILLE PORT AUTHORITY

Sverdrup

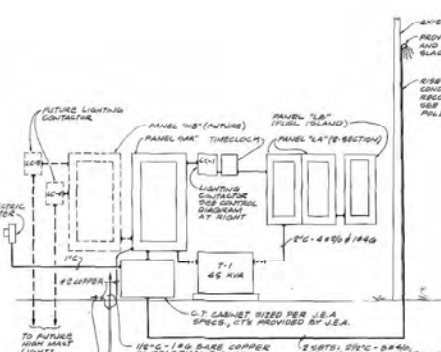
JPA MAINTENANCE BUILDING POWER PLANS

PROJECT NO. 030932
 JPA NO. A/E 147
 DATE 12/17/09
 DRAWN BY JTB/ST
 CHECKED BY JTB/ST
 APPROVED BY

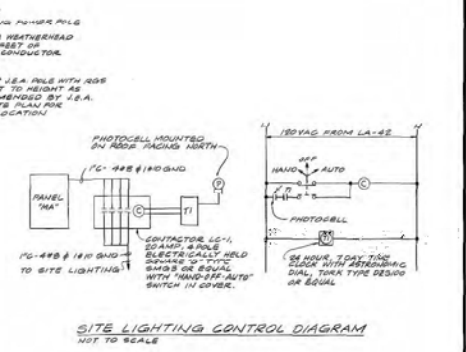
SHEET
E-3

277/480 VOLTS 3 PHASE 4 WIRE 200 AMP MAIN BREAKER 20,000 AIC		PANEL "MA"† BUSBARS MOUNTED OUTDOOR CONNECTED		TOTAL KVA 78.5 (133 AMP) @ EST. MAX DEMAND (100 AMP) 200 MEDIUM USE PER IFC LOCATION: ELB ROOM 110	
CKT	SERVICES	KV/INCH	#	INCHES	CONDUCTORS
1	120 VOLT, 1 PHASE BAYS	0.1	1	1/2"	2
2	MAINTENANCE BAYS	0.8	1	1/2"	4
3	CRANE BAY	1.0	1	1/2"	4
4	120/240 V. 1PH/1W	1.3	1	1/2"	4
5	100-100/120-120	0.4	1	1/2"	4
6	EXTERIOR SECURITY	0.7	1	1/2"	2
7	MEZZANINE & STAIR	0.5	1	1/2"	2
8	EXIT LIGHTS	0.2	1	1/2"	2
9	SPACE	---	---	---	---
10	SPACE	---	---	---	---
11	PANEL "MC" (FUTURE)	---	---	---	---
12	SPACE	---	---	---	---
13	OVERHEAD DOORS	1.2	3	3/4"	12
14	SPACE	---	---	---	---
15	WELDING OUTLETS	1.5	3	3/4"	12
16	SPACE	---	---	---	---
17	WELDING OUTLETS	1.5	3	3/4"	12
18	SPACE	---	---	---	---
19	AIR COMPRESSOR	0.5	1	1/2"	2
20	SPACE	---	---	---	---

* CONSERVATIVE ESTIMATE OF MOTOR SIZE, VERIFY EXACT SIZE WITH EQUIPMENT MANUFACTURER AND PROVIDE APPROPRIATE ELECTRICAL SERVICES.
 ** RUN CIRCUIT #4-11 FOR EXTERIOR SECURITY LIGHTING THROUGH A ROOF MOUNTED PHOTOCELL CONTROLLER.



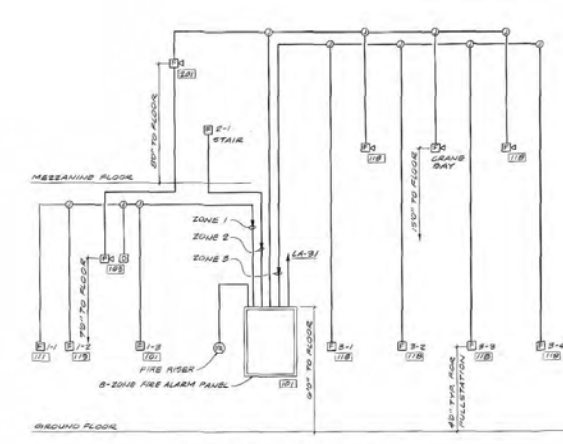
POWER RISER DIAGRAM
NOT TO SCALE



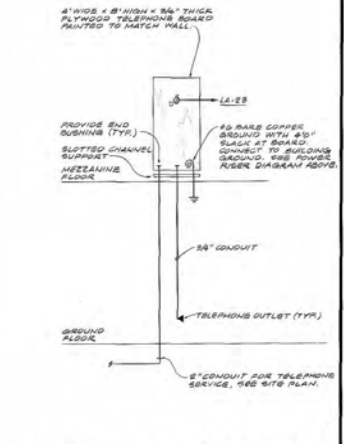
SITE LIGHTING CONTROL DIAGRAM
NOT TO SCALE

120/240 VOLTS 3 PHASE 4 WIRE 175 AMP MAIN BREAKER 10,000 AIC		PANEL "LA" (2-SECTION) BUSBARS MOUNTED OUTDOOR CONNECTED		TOTAL KVA 50.0 (100 AMP) @ EST. MAX DEMAND (80 AMP) 200 MEDIUM USE PER IFC LOCATION: ELB ROOM 110	
CKT	SERVICES	KV/INCH	#	INCHES	CONDUCTORS
1	REG. REEL, WELD. APP. APP.	0.1	1	1/2"	2
2	RECEPTION	0.5	1	1/2"	2
3	SECRETARY OFFICE	0.1	1	1/2"	2
4	OFFICES	0.9	1	1/2"	2
5	DATA ROOM, CONTROL	1.5	1	1/2"	2
6	MEV. PULSER	1.7	1	1/2"	2
7	SPACE METAL CABINETS	0.7	1	1/2"	2
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* PROVIDE HAZZ TYPE CIRCUIT BREAKER
 ** PROVIDE BOND W/RT POSSIBLE. SEE POWER PLAN FOR PUSHBUTTON LOCATION.



FIRE ALARM RISER DIAGRAM
NOT TO SCALE



TELEPHONE RISER DIAGRAM
AS BUILT

JAXPORT

JACKSONVILLE PORT AUTHORITY

**JPA MAINTENANCE BUILDING
RISER DIAGRAMS
AND SCHEDULES**

AS BUILT

E-4

