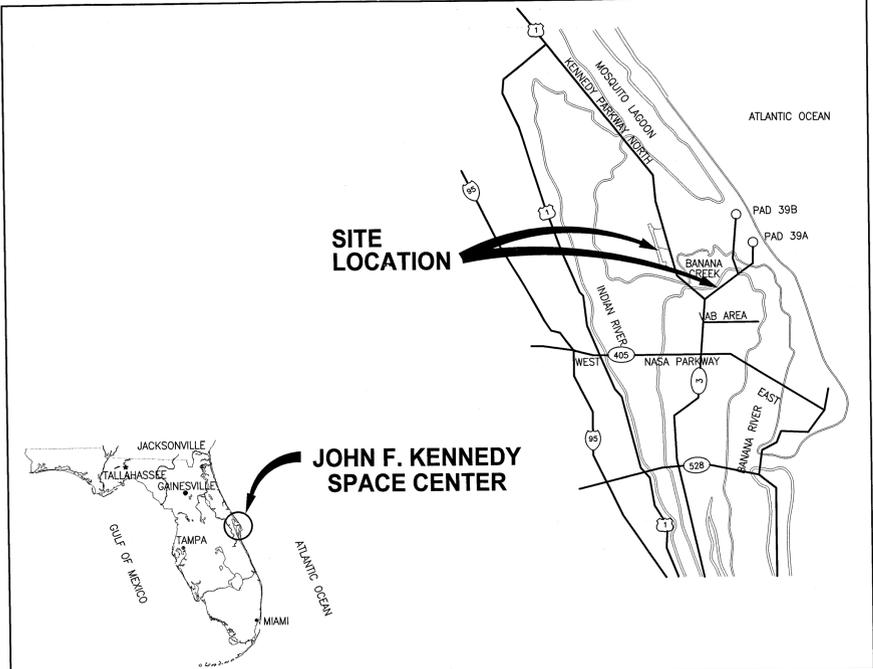


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# CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2



LOCATION MAP NTS

Facility #	Facility Name
K7-0367	Ammonia Boiler Refurbishment Facility
K7-0367A	Storage Facility
J6-2262	Orbiter Mate/Demate Facility

## NASA JOHN F. KENNEDY SPACE CENTER

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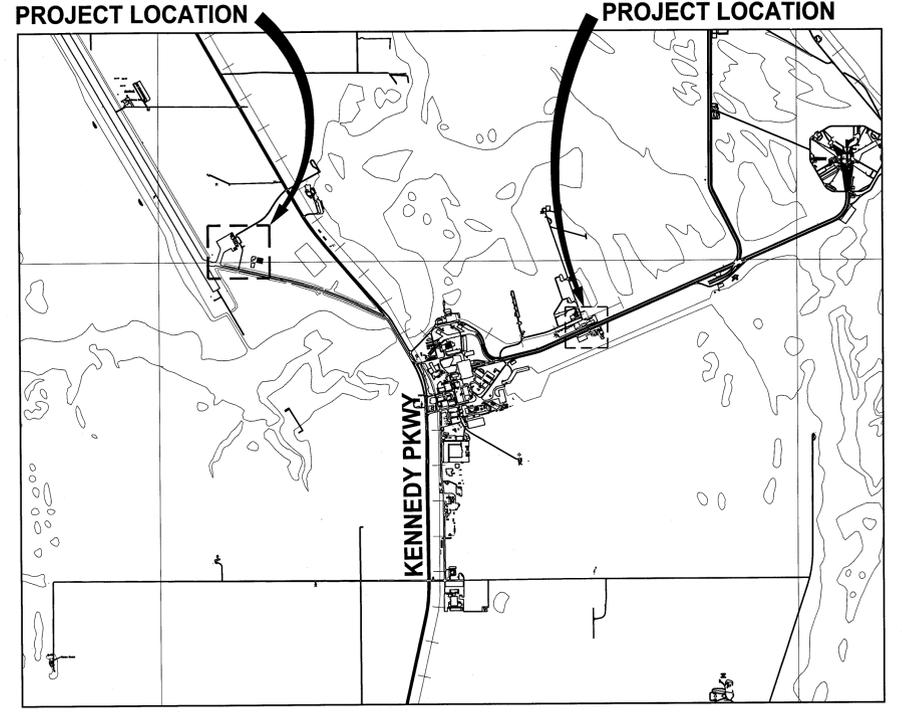
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NASA ECO Reviewer's Name and Organization	NASA ECO Reviewer's Signature	Date
WALLACE R. SCHROEDER NASA/TA-B3A	<i>Wallace R. Schroeder</i>	3/14/13

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PROJECT LOCATIONS NTS

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		REVISIONS		

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 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	
DRAWN S. HAFFERKAMP	01/25/13	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED K. RIVERA	01/25/13	CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2
SUBMITTED J. BELL	01/25/13	
APPROVED D. TOTH	01/25/13	
<i>Wallace R. Schroeder</i> W. SCHROEDER	3/14/13	COVER SHEET

FILE NO.	SIZE	DWG. NO.	REV
V1		F 79K39103	

PROJ. NO. 97963.8 SHEET 1 OF 19

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GENERAL NOTE

SURVEY INFORMATION SHOWN ON THE DRAWINGS WAS PROVIDED BY KUGELMANN LAND SURVEYING, INC. DATED DECEMBER 2011.

DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL COMPLY WITH THE U.S. EXPORT CONTROL LAWS. THE FACILITIES AND ASSOCIATED EQUIPMENT SHALL BE DECONSTRUCTED AND DISPOSED OF IN ACCORDANCE WITH DEMILITARIZATION CODE C - REMOVE AND/OR DEMILITARIZE INSTALLED KEY POINT(S), AS PRESCRIBED IN DOD 4160.28, OR LETHAL PARTS, COMPONENTS AND ACCESSORIES...

ABBREVIATIONS

- AB AS-BUILT
AC ASBESTOS CEMENT
A/C AIR CONDITIONING
ACM ASBESTOS CONTAINING MATERIAL
ACP ASBESTOS CEMENT PIPE
AIP ABANDON IN PLACE
Ag SILVER
AMIS ASBESTOS MANAGEMENT INFORMATION SYSTEM
As ARSENIC
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
Ba BARIUM
BFG BELOW FINISHED GRADE
BFP BACK FLOW PREVENTER
BTM BOTTOM
C&D CONSTRUCTION AND DEMOLITION
CCAFS CAPE CANAVERAL AIR FORCE STATION
Cd CADMIUM
CF CUBIC FOOT
CF CODE OF FEDERAL REGULATIONS
CFR CAST IRON
Cl CENTER LINE
CL CONSTRUCTION LIMITS
CO CONTRACTING OFFICER
COMM COMMUNICATIONS
CONC CONCRETE
COTR CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE
CP CAMERA POLE
Cr CHROMIUM
DARCY DIVERTED AGGREGATE RECLAMATION AND COLLECTION YARD
DBPR DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
DEL DELUGE
DI DUCTILE IRON
DIA/Ø DIAMETER
DOD DEPARTMENT OF DEFENSE
DWG DRAWING
EA EACH
EDC ENGINEERING DOCUMENTATION CENTER
EL ELEVATION
EOP EDGE OF PAVEMENT
EPA ENVIRONMENTAL PROTECTION AGENCY
FAC FLORIDA ADMINISTRATIVE CODE
FAR FEDERAL ACQUISITION REGULATION
FDEP FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
FDOT FLORIDA DEPARTMENT OF TRANSPORTATION
FSA FUEL STORAGE AREA
FT FOOT
FW FIREX
GV GALVANIZED
H GATE VALVE
Hg HIGH
HMID MERCURY
IE HAZARDOUS MATERIALS IDENTIFICATION
IHA INVERT ELEVATION
IN INNOVATIVE HEALTH APPLICATIONS
KICS KENNEDY INTEGRATED COMMUNICATIONS SERVICES
KSC KENNEDY SPACE CENTER
LBS POUNDS
LC LAUNCH COMPLEX
LF LINEAR FOOT
LP LIGHT POLE, ALUMINUM
MAX MAXIMUM
mg/kg MILLIGRAMS PER KILOGRAM
mg/L MILLIGRAMS PER LITER
MH MANHOLE
MIN MINIMUM
MILA MERRITT ISLAND LAUNCH ANNEX
MJ MECHANICAL JOINT
NASA NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
NIC NOT IN CONTRACT
NO NUMBER
NOM NOMINAL
NTS NOT TO SCALE
# NUMBER DESIGNATION
OC ON CENTER
OD OUTSIDE DIAMETER
OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OP OPPOSITE OPERATIONS
Pb LEAD
PCB POLYCHLORINATED BIPHENYL
PE PLAIN END
PIV POST INDICATOR VALVE
POC POINT OF CONTACT
POL PETROLEUM, OILS AND LUBRICANTS
PPE PERSONAL PROTECTIVE EQUIPMENT
PPM PARTS PER MILLION
PRL POTENTIAL RELEASE LOCATION
PWQ PROCESS WASTE QUESTIONNAIRE
PVC POLYVINYL CHLORIDE
RCRA RESOURCE CONSERVATION AND RECOVERY ACT
REQ REQUIRED
RMJ RESTRAINED MECHANICAL JOINT
RRMF REUSE, RECYCLING, AND MARKETING FACILITY
SD STORM DRAIN
Se SELENIUM
SF SILT FENCE
SP SOLAR POLE
SS STAINLESS STEEL, SUB-STATION (ELECTRICAL)
STDN SPACEFLIGHT TRACKING AND DATA NETWORK
SQ SQUARE
STANDARD STANDARD
SWMU SOLID WASTE MANAGEMENT UNIT
T&B TOP AND BOTTOM
T/FDN TOP OF FOUNDATION
THK THICK
THRD THREADED
TRP TECHNICAL RESPONSE PACKAGE
TSCA TOXIC SUBSTANCES CONTROL ACT
TYP TYPICAL
UG UNDERGROUND
UGE UNDERGROUND ELECTRIC
UNO UNLESS NOTED OTHERWISE
USA UNITED SPACE ALLIANCE
VFI VACUUM FAULT INTERRUPTER
VIF VERIFY IN FIELD
W WITH
WP WOOD POLE WITH LIGHTS

LEGEND

- MATCH LINE
DEMOLITION AREA
SILT FENCE
CONSTRUCTION LIMITS

SURVEY LEGEND

- BACK-FLOW PREVENTER
BOLLARD
CURB INLET, STORM GRATE
CONCRETE LIGHT POLE
CLEAN-OUT (SANITARY)
CONCRETE POWER POLE
ELECTRIC MARKER
ELECTRIC BOX
ELECTRIC HANDHOLE
ELECTRIC METER
ELECTRIC MANHOLE
ELECTRIC TRANSFORMER
FIRE DEPARTMENT CONNECTION
FIRE METER
FIBER OPTIC CABLE MARKER
FIBER OPTIC CABLE HANDHOLE
GAS MARKER
GAS METER
GUY
GAS VALVE
HYDRANT
INDICATOR VALVE
LIGHT POLE
MANHOLE, UNKNOWN
MANHOLE, SANITARY SEWER
MANHOLE, STORM SEWER
MONITORING WELL
STORM GRATE
SIGN
SEWER VALVE
SPRINKLER HEAD
TELEPHONE HANDHOLE
TELEPHONE BOX
TELEPHONE MARKER
TELEPHONE MANHOLE
TELEPHONE PEDESTAL
TRAFFIC SIGNAL BOX
TRAFFIC SIGNAL
WATER METER
WATER SPIGOT
WATER VALVE
WELL
WOOD POWER POLE

SURVEY LEGEND

- BUILDING
BUILDING (ROOF OVERHANG)
CENTERLINE
CONCRETE
CURB
EDGE OF PAVEMENT
EDGE OF ROAD
FENCELINE
TREETLINE
WALL
BREAKLINE
CENTERLINE DITCH
TOE OF SLOPE
TOP OF BANK
UNDERGROUND CABLE TV
UNDERGROUND ELECTRIC
UNDERGROUND FIBER OPTIC CABLE
UNDERGROUND UNKNOWN UTILITY
UNDERGROUND GAS
RAILROAD
SANITARY SEWER
SANITARY FORCEMAIN
SITE FEATURE
STEAMLINE
STORM SEWER
UNDERGROUND TELEPHONE
UNDERGROUND WATER
UNDERGROUND CHILLED WATER
PAVEMENT STRIPING (WHITE DASHED)
PAVEMENT STRIPING (WHITE SOLID)
PAVEMENT STRIPING (YELLOW DASHED)
PAVEMENT STRIPING (YELLOW SOLID)

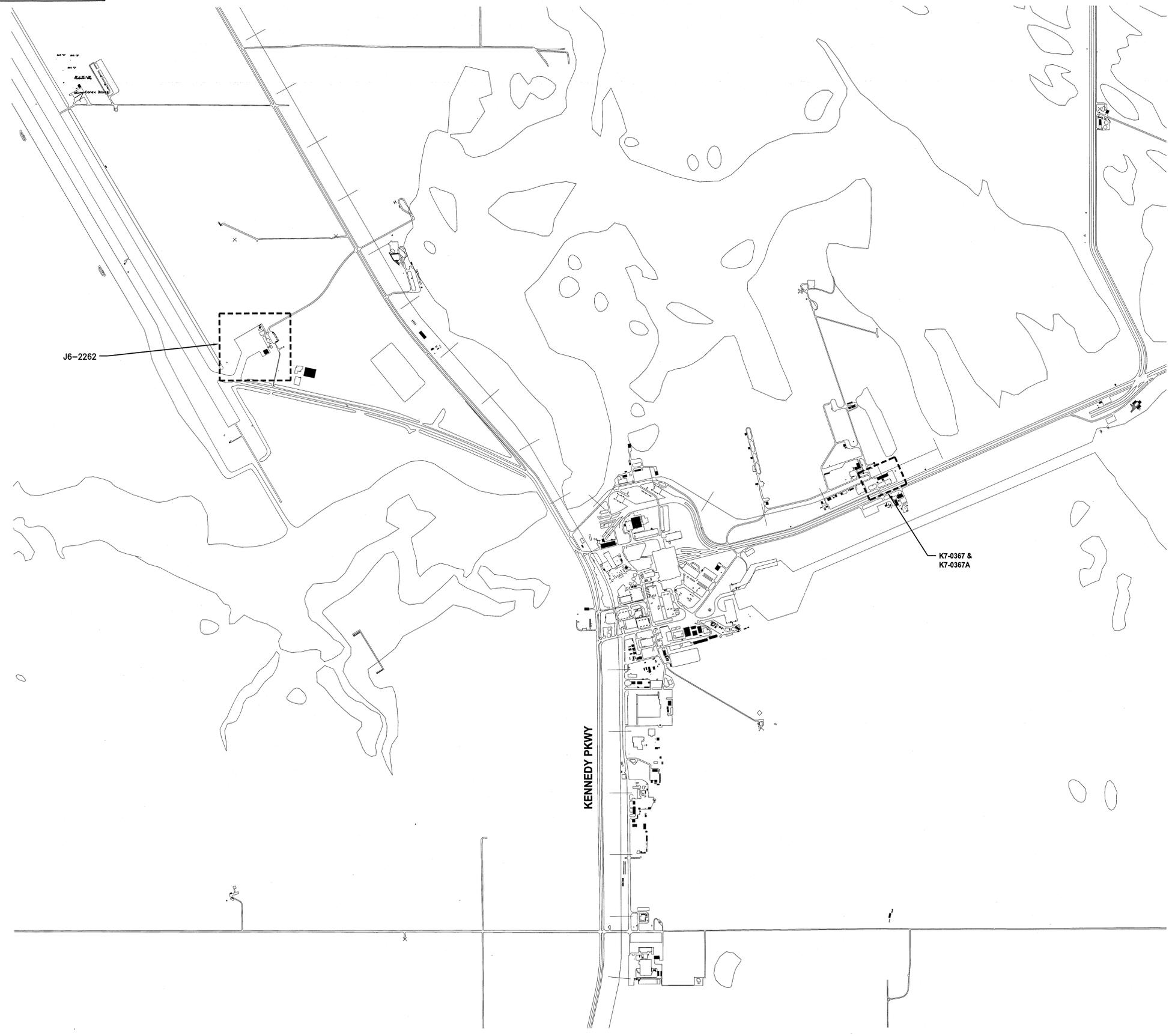
DRAWING INDEX

Table with columns: REV, DRAWING, DESCRIPTION. Lists drawing revisions from V1 to E8.

A REFERENCE PACKAGE OF AS-BUILTS FOR J6-2262 ARE AVAILABLE. CONTACT THE CONTRACTING OFFICER TO RECEIVE A COPY OF THE J6-2262 AS-BUILT REFERENCE PACKAGE.

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SIGNATURES DATE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP 01/25/13
CHECKED K. RIVERA 01/25/13
SUBMITTED 01/25/13
ST OF LICENSEURE: FL LICENSE NO: 69033 01/25/13
APPROVED 01/25/13
D. TOTH
FILE NO. SIZE DWG. NO. REV
S. MILLER F 79K39103
PROJ. NO. 97963.8 SHEET 2

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**KEY MAP**  
NTS

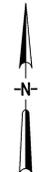
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SELL <i>[Signature]</i>		01/25/13		
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APPROVED S. MILLER		2/12/13		
V3		FILE NO.	SIZE	DWG. NO.
		PROJ. NO. 97963.8	F	79K39103
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KENNEDY SPACE CENTER, FLORIDA

**CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2**

**KEY MAP**



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REQUIREMENTS

CLOSE / DEMOLISH VARIOUS FACILITIES AND EQUIPMENT KENNEDY SPACE CENTER, FLORIDA (BREVARD COUNTY)

OWNER AND ADDRESS: NASA KENNEDY SPACE CENTER, FLORIDA (BREVARD COUNTY)

DEMOLITION AND REMOVAL OF VARIOUS FACILITIES.

SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING; PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS; EXCAVATION FOR DEMOLITION OF PAVEMENT AND FACILITY FOUNDATIONS.

RUNOFF COEFFICIENT:

- 1. PRE-CONSTRUCTION - 0.98
2. DURING CONSTRUCTION - 0.60
3. POST-CONSTRUCTION - 0.30

SOILS: -

SITE MAPS: SEE ATTACHED D SHEETS FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES.

SEE GENERAL NOTES AND SPECIFICATIONS FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.

SITE AREA:

- 1. TOTAL AREA OF SITES - ± 1.1 ACRES
2. TOTAL AREA TO BE DISTURBED - 0.5 ACRES (ESTIMATED)

NAME OF RECEIVING WATERS: DITCHES TO INDIAN RIVER AND BANANA RIVER LAGOON.

CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS AS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE, AND LOCAL LAWS.

STORM WATER MANAGEMENT AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE.

REFER TO 'CONTRACTORS REQUIREMENTS' FOR THE TIMING OF CONTROL/MEASURES.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

IN AN EFFORT TO ENSURE COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS REGARDING EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED.

D.E.P. DREDGE/FILL PERMIT # N/A
A.C.O.E. DREDGE/FILL PERMIT # N/A
S.J.R.W.M.D. M.S.S.W. PERMIT # N/A

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED.

SIGNED: \_\_\_\_\_
TITLE: \_\_\_\_\_
DATE: \_\_\_\_\_

CONTRACTOR REQUIREMENTS

GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN.

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS.

- 1. COMPLETE AND SUBMIT NOTICE OF INTENT (NOI) TO FDEP (BY OWNER)
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE. (IF NECESSARY)
3. INSTALL SILT FENCES
4. DEMOLISH FACILITIES AND PAVEMENT INCLUDING FOUNDATIONS.
5. STOCK PILE TOP SOIL (IF NECESSARY).
6. PERFORM PRELIMINARY GRADING ON SITE AS REQUIRED.
7. STABILIZE CLEARED AREAS AND STOCKPILES AS SOON AS PRACTICABLE.
8. INSTALL PERMANENT SEEDING/SOD AS SOON AS POSSIBLE
9. REMOVE ACCUMULATED SEDIMENT FROM BASINS AND DITCHES.
10. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE ANY TEMPORARY DIVERSION SWALES/DIKES AND RESEED/SOD AS REQUIRED.
11. COMPLETE AND SUBMIT NOTICE OF TERMINATION (NOT) TO FDEP (BY OWNER)

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE.

CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROL ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE.

EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES

- 1. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 0.5 AC.
2. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
3. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS.
4. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
5. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, ERODIBLE SOIL EXPOSED BY CLEARING GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 0.5 AC.
6. INLET PROTECTION: INLETS AND CATCH BASINS WITH DISCHARGE DIRECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
7. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 21 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS.
8. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN ITEM 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 6" LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH OR HYDROMULCHED.
9. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
10. TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTACHED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
11. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
12. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
13. PERMANENT SODDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SODDED. THE SOD MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SODDED.

STRUCTURAL PRACTICES

- 1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.
2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP IS USUALLY INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA WITH THE FOLLOWING LIMITATIONS:
A. THE SEDIMENT TRAP MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE.
3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE VELOCITY OF FLOW AT DESIGN CAPACITY OF THE OUTLET WILL EXCEED THE PERMISSIBLE VELOCITY OF THE RECEIVING CHANNEL OR AREA.

OTHER CONTROLS

WASTE DISPOSAL

ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED AREA ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIAL OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

Table with 3 columns: Material, Fertilizers, Wood. Rows include Concrete, Asphalt, Tar, Fertilizers, Petroleum based products, Cleaning solvents, Paints, Steel, Aluminum.

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.

IF SURPLUS PRODUCT MUST BE DISPOSED OF MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE: PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER.

PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE METHODS AND POSTED LOCATION.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY BY THE KENNEDY SPACE CENTER SPILL RECOVERY TEAM.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED IMMEDIATELY TO THE CONTRACTING OFFICER.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.

THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.

NO MORE THAN 1 ACRE OF THE SITE WILL BE CLEARED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONTRACTING OFFICER.

ALL CONTROL MEASURES WILL BE INSPECTED BY A CERTIFIED SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF ANY STORM EVENT OF 0.50" OR GREATER.

ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.

BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.

SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.

THE SEDIMENT BASINS WILL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB.

DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.

TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE, AND LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS.

THE SITE SUPERINTENDENT WILL SELECT UP TO THREE CERTIFIED INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.

PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT, AND MUST ENFORCE THE FDEP NPDES SWPPP FOR THIS PROJECT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN WORKING ORDER.

NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD.

WATER FROM WATER LINE FLUSHING.

PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

GROUNDWATER (FROM DEWATERING EXCAVATION).

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN OR OTHER APPROPRIATE AREA PRIOR TO DISCHARGE TO EXISTING DITCHES OR WETLANDS.

CONTRACTORS CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

Table with 3 columns: Signature, Business Name & Address of Contractor, Responsible For/Duties. Rows include General Contractor, Subcontractor.

THIS SPACE RESERVED

REVISIONS

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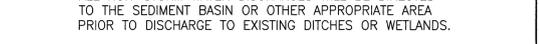


Table with 2 columns: Signatures, Date. Rows include S. HAFERKAMP, K. RIVERA.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA

CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2

STORMWATER POLLUTION PREVENTION PLAN NOTES

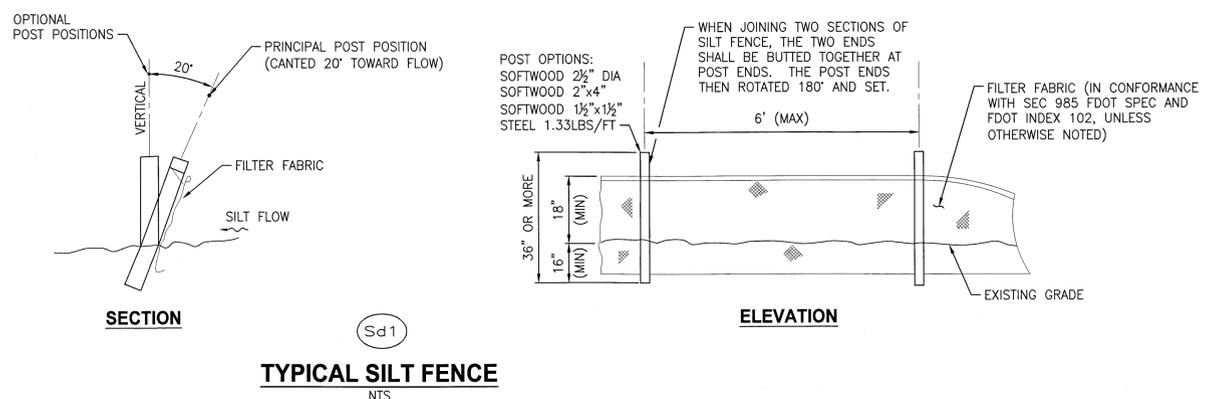
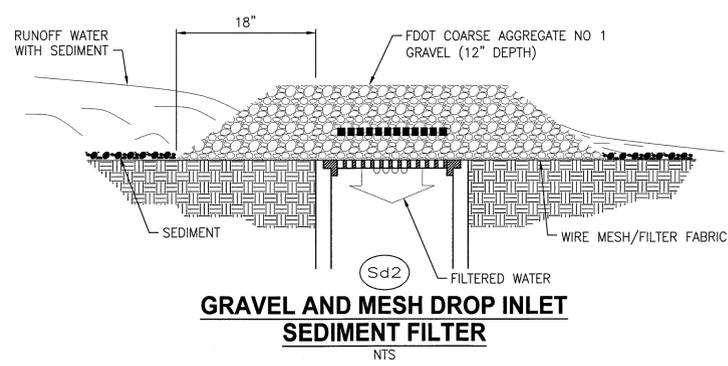
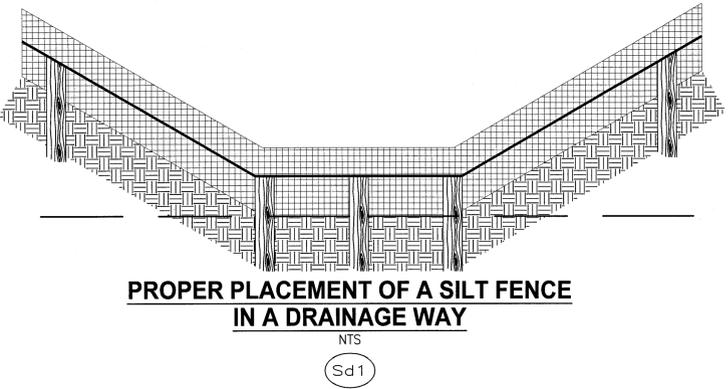
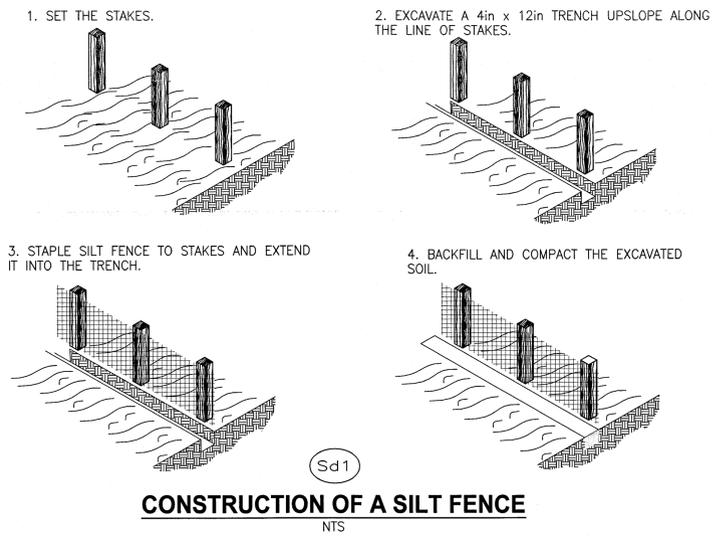
Table with 4 columns: File No., Size, Dwg. No., Rev. Rows include F, 79K39103.

PROJ. NO. 97963.8 SHEET 4

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**SEDIMENT AND EROSION CONTROL NOTES**

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE IF NOT ALL REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 12" BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 3/8" OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
6. FOOT NO.1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON SEDIMENT FILTER DETAIL (SEE DETAIL THIS SHEET). THE DEPTH OF STONE SHALL BE AT LEAST 12" OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18" ON ALL SIDES.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
8. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL IT MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
9. ANY SEDIMENT DEPOSITS REMAINING IN PLACE, AFTER THE FILTER BARRIERS AND SILT FENCES ARE NO LONGER REQUIRED, SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
10. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
11. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR SHOULD BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED IMMEDIATELY.
12. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
13. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.
14. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND SWALES AS WELL AS PROVIDE MEASURES TO PREVENT SILTATION OF STORMWATER TREATMENT SYSTEMS AND CONTROL STRUCTURES DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL UTILIZE WHATEVER MEANS NECESSARY TO MANAGE STORMWATER SUCH THAT IMPACT TO CONSTRUCTION IS MINIMIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK, INCLUDING PROVIDING EQUIPMENT, LABOR, FILL, ETC. NECESSARY TO REMEDIATE AND/OR RESTORE ALL AREAS IMPACTED BY EROSION, RUNOFF, AND STORMWATER.
15. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.
16. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAILS (THIS SHEET) FOR TYPICAL CONSTRUCTION.
17. SOD SHALL BE PLACED IN AREAS WHICH REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITIES ARE MAINTAINED.
18. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL REMAIN ON-SITE AND IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING AREAS.
19. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT IF THE DEWATERING ACTIVITIES ARE TO EXCEED THIS CAPACITY, THE CONTRACTOR SHALL CONTACT THE CONTRACTING OFFICER TO OBTAIN FORM RDS 50 AND SUBMIT THIS FORM TO THE CONTRACTING OFFICER.
20. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL SHALL REMAIN IN PLACE UNTIL AFTER COMPLETION OF CONSTRUCTION, AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
21. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED AND MULCHED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED. CONTRACTOR SHALL USE ADDITIONAL MEASURES TO STABILIZE DISTURBED AREAS THROUGH COMPACTION, SILT SCREENS, AND GRASSING. ALL FILL SLOPES 4:1 OR STEEPER TO RECEIVE STAKED SOLID SOD.
22. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
23. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRES, RELATIVE TO COMPLIANCE OF SURVMD FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.
24. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS AND SPECIFICATIONS AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT RULES AND REGULATIONS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A PERMANENT STAND OF SOD AND/OR GRASS PER THE CONTRACT DOCUMENTS THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT AND BREVARD COUNTY STANDARDS AND MEETING THE NPDES FINAL STABILIZATION REQUIREMENTS.
26. THESE PLANS INCLUDING THE POLLUTION PREVENTION PLAN INDICATE THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES REQUIRED FOR THIS PROJECT. CONTRACTOR AS REQUIRED TO INSURE CONFORMANCE TO STATE AND FEDERAL WATER QUALITY STANDARDS AND MAY NEED TO INSTALL ADDITIONAL CONTROLS TO CONFORM TO AGENCIES REQUIREMENTS. IF A WATER QUALITY VIOLATION OCCURS, THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ALL DAMAGE AND ALL COSTS WHICH MAY RESULT INCLUDING LEGAL FEES, CONSULTANT FEES, CONSTRUCTION COSTS, AND FINES.
27. 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE GOVERNMENT WILL SUBMIT A "NOTICE OF INTENT" TO THE FDEP IN ACCORDANCE WITH NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM RULES AND REGULATIONS.



**SWPPP BMPS LEGEND**

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECK DAM ROCK OR HAY BALE			A SMALL TEMPORARY BARRIER CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW. ROCK OR HAY BALE.
Co	CONSTRUCTION EXIT			A CRUSHED STONE PAD WITH A GEOTEXTILE FILTER FABRIC BASE LOCATED AT THE CONSTRUCTION EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTING PUBLIC STREETS.
Di	DIVERSION			AN EARTH CHANNEL OR DIKE LOCATED ABOVE, BELOW, OR ACROSS A SLOPE TO DIVERT RUNOFF. THIS MAY BE A TEMPORARY OR PERMANENT STRUCTURE.
Sd1	SEDIMENT BARRIER			A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, GRAVEL, FLOATING TURBIDITY BARRIER OR A SEDIMENT FENCE. THE BARRIERS ARE USUALLY TEMPORARY AND IN-EXPENSIVE.
Sd2	GRAVEL AND WIRE MESH DROP INLET FILTER			COARSE AGGREGATE AND WIRE MESH W/ FILTER FABRIC RESTING ON TOP OF INLET. AGGREGATE AND WIRE MESH W/ FILTER FABRIC WILL FILTER RUNOFF AS IT ENTERS THE STORM STRUCTURE.
Sd3	SEDIMENT BASIN DETAIL			A BASIN CREATED BY EXCAVATION OR A DAM ACROSS A WATERWAY. THE SURFACE WATER RUNOFF IS TEMPORARILY STORED ALLOWING THE BULK OF THE SEDIMENT TO DROP OUT. THE BASIN IS USUALLY TEMPORARY BUT MAY BE DESIGNED AS A PERMANENT POND OR STORMWATER RETENTION DEVICE.
St	STORM DRAIN OUTLET PROTECTION			A PAVED OR SHORT SECTION OF RIP RAP CHANNEL AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.
Su	SURFACE ROUGHENING			A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS ON A CONTOUR OR SLOPES LEFT IN A ROUGHENED CONDITION AFTER GRADING.

**STORMWATER POLLUTION PREVENTION PLAN**

INSPECTIONS MUST OCCUR AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.50 INCHES OR GREATER

INSPECTOR: \_\_\_\_\_ FDEP NPDES STORMWATER IDENTIFICATION NUMBER: FLR10

LOCATION	RAIN DATA	TYPE OF CONTROL (SEE BELOW)	DATE INSTALLED / MODIFIED	CURRENT CONDITION (SEE BELOW)	CORRECTIVE ACTION / OTHER REMARKS

CONDITION CODE:  
G = GOOD  
C = NEEDS TO BE CLEARED  
M = MARGINAL, NEEDS MAINTENANCE OR REPLACEMENT SOON  
P = POOR, NEEDS IMMEDIATE MAINTENANCE OR REPLACEMENT  
O = OTHER

CONTROL TYPE CODES

1. SILT FENCE	10. STORM DRAIN INLET PROTECTION	19. REINFORCED SOIL RETAINING SYSTEM	28. TREE PROTECTION
2. EARTH DIKES	11. VEGETATIVE BUFFER STRIP	20. GABION	29. DETENTION POND
3. STRUCTURAL DIVISION	12. VEGETATIVE PRESERVATION AREA	21. SEDIMENT BASIN	30. RETENTION POND
4. SWALE	13. RETENTION POND	22. TEMPORARY SEED / SOD	31. WASTE DISPOSAL / HOUSEKEEPING
5. SEDIMENT TRAP	14. CONSTRUCTION ENTRANCE STABILIZATION	23. PERMANENT SEED / SOD	32. DAM
6. CHECK DAM	15. PERIMETER DITCH	24. MULCH	33. SAND BAG
8. PIPE SLOPE DRAIN	16. CURB AND GUTTER	25. HAY BALES	34. OTHER
9. LEVEL SPREADERS	17. PAVED ROAD SURFACE	26. GEOTEXTILE	
9. LEVEL SPREADERS	18. ROCK OUTLET PROTECTION	27. RIP-RAP	

INSPECTOR INFORMATION:

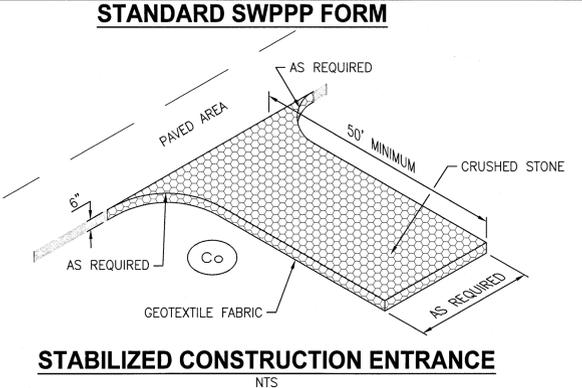
NAME: \_\_\_\_\_ QUALIFICATION: \_\_\_\_\_ DATE: \_\_\_\_\_

THE ABOVE SIGNATURE ALSO SHALL CERTIFY THAT THIS FACILITY IS IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES IF THERE ARE NOT ANY INCIDENTS OF NON-COMPLIANCE IDENTIFIED ABOVE.

\*\*\*\*\*

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

NAME (RESPONSIBLE AUTHORITY) \_\_\_\_\_ DATE \_\_\_\_\_



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SYM	ZONE	DESCRIPTION	DATE	APPROVED

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**JONES EDMUNDS**

730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821  
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	REVISIONS
DRAWN S. HAFERKAMP	01/25/13	
CHECKED K. RIVERA	01/25/13	
SUBMITTED J. BELL	01/25/13	
ST OF LICENSE: FL LICENSE NO: 69033	01/25/13	
APPROVED D. TOTR	2/1/13	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
JOHN F. KENNEDY SPACE CENTER, NASA  
KENNEDY SPACE CENTER, FLORIDA

**CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2**

**STORMWATER POLLUTION PREVENTION PLAN DETAILS AND FORM**

FILE NO.	SIZE	DWG. NO.	REV

V5  
S. MILLER

PROJ. NO. 97963.8 SHEET 5

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**PCB PAINT SCHEDULE**

FACILITY	LOCATION	DESCRIPTION	CONCENTRATION (PPM)
K7-0367	INTERIOR/EXTERIOR OF METAL STRUCTURE COVERING AMMONIA BOILER AND EYE WASH STATION PIPING	WHITE	0.83 U
K7-0367A	EXTERIOR WALLS AND ROOF OF CONTROL SHED TO AMMONIA BOILER	WHITE/SALMON	0.76 U
J6-2262	METAL STRUCTURE, ELECTRICAL PANELS, MOTOR/GEAR EQUIPMENT	GRAY	0.83 U
J6-2262	METAL STRUCTURE AND EQUIPMENT, LIGHT POLE	WHITE OVER RED	3.44 U

U - INDICATES THAT THE PCB COMPOUNDS ANALYZED WERE BELOW THE LABORATORY METHOD DETECTION LIMIT. VALUE REPORTED REPRESENTS HALF THE SUM OF THE INDIVIDUAL PCB COMPOUND DETECTION LIMITS.

**ENVIRONMENTAL NOTES**

- THE PROJECT SITES ARE WITHIN THE BOUNDARY OF A SOLID WASTE MANAGEMENT UNIT OR A POTENTIAL RELEASE LOCATION BEING INVESTIGATED BY THE NASA REMEDIATION GROUP. KNOWN SWMU/PRL SITES INCLUDE: SWMU #89 (FACILITIES K7-0367 AND K7-0367A) AND PRL #187 (FACILITY J6-2262). A SWMU/PRL DESIGNATION MEANS A SITE HAS HAD HISTORICAL OPERATIONS WHICH HAD THE POTENTIAL TO IMPACT THE ENVIRONMENT.  
  
SOIL EXCAVATED FROM THE LAND SURFACE TO ANY DEPTH SHALL BE RETURNED TO THE AREA OF EXCAVATION FROM WHICH IT WAS REMOVED. EXCAVATED SOIL THAT CANNOT BE RETURNED TO THE AREA FROM WHICH IT WAS REMOVED SHALL BE CONTAINERIZED, SAMPLED AND DISPOSED OF IN ACCORDANCE WITH THE (PWQ/TRP) PROCESS.
- HEAVY METALS IN PAINT AND MATERIALS ARE ASSUMED IN AND ON THE FACILITIES TO BE DEMOLISHED. CONCENTRATIONS ARE LOW ENOUGH IN RELATION TO OVERALL WEIGHT OF THE STRUCTURE THAT THE GOVERNMENT WILL ALLOW THE DISPOSAL OF THE STRUCTURES AT THE GOVERNMENT OWNED KSC CLASS III LANDFILL SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. RECYCLING IS PERMITTED AND SHALL BE IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE ITS EMPLOYEES WITH THE APPROPRIATE PPE AND TRAINING.
- THE CONTRACTOR SHALL DISPOSE OF PRESSURE TREATED WOOD POLES IN ACCORDANCE WITH NASA ENVIRONMENTAL. PRESSURE TREATED WOOD POLES CAN BE DISPOSED OF AT THE BREVARD COUNTY LANDFILL.
- PCBS IN PAINTS HAVE BEEN TESTED ON SELECTED FACILITY COMPONENTS TO DETERMINE WHETHER THEY CONTAIN PCB CONCENTRATIONS AT LESS THAN THE REGULATED LIMITS AND THUS MAY BE RECYCLED. REFER TO THE PAINT SCHEDULES FOR MORE INFORMATION. ALL PAINTED BLOCK, CONCRETE, AND SLABS SHALL BE DISPOSED OF AT THE KSC CLASS III LANDFILL. ONLY CLEAN AND UNPAINTED AND UNSTAINED CONCRETE AND SLABS CAN BE DISPOSED OF AT THE DARCY LOCATED AT THE KSC CLASS III LANDFILL. PAINTS THAT HAVE NOT BEEN TESTED SHALL BE ASSUMED TO BE PCB BULK PRODUCT WASTE AND SHALL BE DISPOSED OF AT THE KSC CLASS III LANDFILL.
- THE CONTRACTOR SHALL CLEAN AND CERTIFY ALL FUEL STORAGE TANKS WITHIN THIS PROJECT AS CLEAN IN ACCORDANCE WITH THE REGULATIONS, BEFORE DEMOLITION.
- CONTRACTOR SHALL NOT DESTROY OR DISTURB ANY WETLANDS IN ACCORDANCE WITH SPECIFICATIONS.

**ASBESTOS ABATEMENT NOTES**

- ASBESTOS CONTAINING MATERIALS HAVE BEEN IDENTIFIED IN AND ON THE FACILITIES TO BE DEMOLISHED. THE CONTRACTOR SHALL HANDLE AND DISPOSE OF ACM IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REQUIREMENTS, AND THE CONTRACT DOCUMENTS.
- ASBESTOS INFORMATION IS BASED ON AN ASBESTOS SURVEY REPORT PROVIDED BY JONES EDMUNDS (JE). NON-DESTRUCTIVE TESTING WAS USED IN COLLECTING INFORMATION PROVIDED IN THIS REPORT. ALL SURVEY INFORMATION SHALL BE VERIFIED AS ACCURATE AT THE TIME FACILITY OR SYSTEM DEMOLITION ACTUALLY OCCURS. A COMPLETE COPY OF THE ASBESTOS SURVEY BY FACILITIES CAN BE OBTAINED FROM THE CONTRACTING OFFICER.
- UNLESS NOTED OTHERWISE, PRIOR TO DEMOLITION ABATE AND DISPOSE OF ALL ACM. REFER TO THE ASBESTOS SCHEDULES IN THE CONTRACT SPECIFICATIONS FOR LOCATIONS OF ACM.
- NON-FRIABLE ASBESTOS WILL BE ACCEPTED AT THE KSC CLASS III LANDFILL UPON DETERMINATION USING KSC FORM 26-1024 AND SIGNED BY THE NASA ENVIRONMENTAL BRANCH CHIEF. A RECEIPT OF DISPOSAL SHALL BE COPIED TO THE CONTRACTING OFFICER. DISPOSAL OF ALL FRIABLE ACM DEMOLITION DEBRIS SHALL BE AT THE BREVARD COUNTY LANDFILL LOCATED ON ADAMSON ROAD IN COCOA, FL. THE CONTRACTOR SHALL NOTIFY THE KSC CLASS III AND BREVARD COUNTY LANDFILLS 24 HOURS IN ADVANCE OF DELIVERY OF ASBESTOS CONTAINING MATERIALS.
- ITEMS SHOWN IN THE ASBESTOS COLUMN OF THE SCHEDULES AS "YES\*" HAVE BEEN ASSUMED TO CONTAIN ASBESTOS DUE TO THE CRITICAL NATURE ASSOCIATED WITH THE SYSTEM. THE CONTRACTOR SHALL ASSUME THESE ITEMS ARE POSITIVE FOR ASBESTOS. THE CONTRACTOR HAS THE OPTION TO SAMPLE MATERIAL BEFORE DEMOLITION BEGINS IN ORDER TO MINIMIZE THE DEMOLITION SCHEDULE.
- THIS PROJECT INCLUDES CUTTING AND CAPPING OF ASBESTOS CEMENT PIPE TO REMAIN IN SERVICE. REFER TO DESIGN SHEETS FOR LOCATIONS. THE CONTRACTOR SHALL HANDLE ASBESTOS CONTAINING MATERIALS IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL REGULATIONS AND THE CONTRACT REQUIREMENTS.

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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		01/25/13		
CHECKED M. HAYS		01/25/13		
SUBMITTED K. TRIVEXA		01/25/13		
ST of LICENSURE: FL LICENSE NO: 65681		01/25/13		
APPROVED S. MILLER		1/1/13		
EN1		FILE NO.	SIZE DWG. NO.	REV
		PROJ. NO. 97963.8	F 79K39103	
				SHEET 6

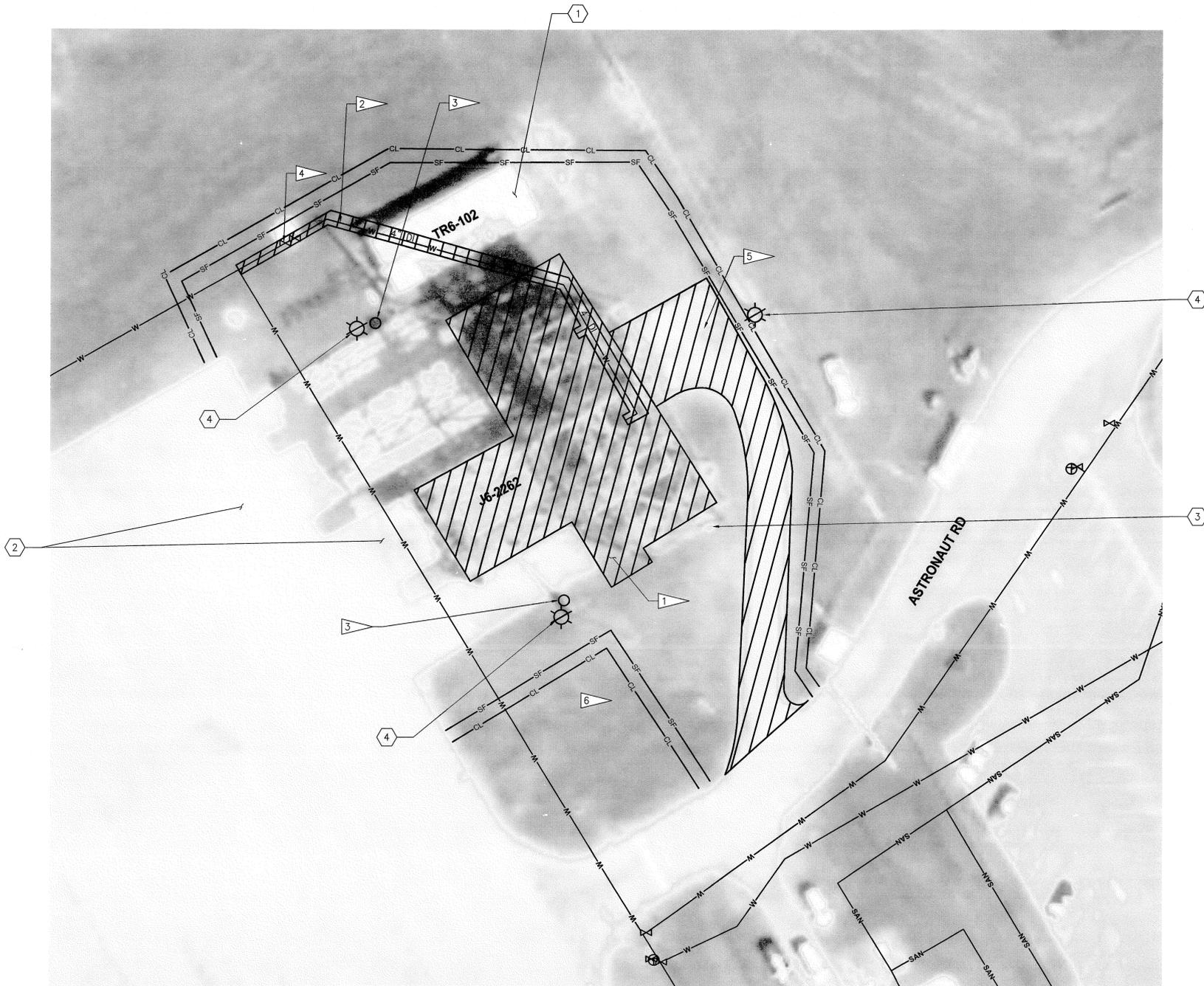
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**FLAG NOTES**

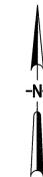
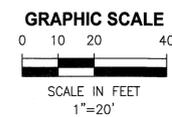
- 1 DEMOLISH MATE/DEMATE DEVICE (J6-2262) AND ASSOCIATED APPURTENANCES. 1 2 3 4 6 8  
D3 D3 D3 D3 D3 D3  
 DEMOLISH PILE CAP CONCRETE PEDESTAL PER DETAIL 9  
D3
- 2 DEMOLISH WATER LINE AND RISER. INSTALL RESTRAINED CAP AT THE TEE. 4  
D5
- 3 DEMOLISH HOIST ARM, FOUNDATION, AND ASSOCIATED APPURTENANCES. 5 7  
D3 D3
- 4 DEMOLISH 4" BFP, CONCRETE SLAB, BOLLARDS, AND ASSOCIATED APPURTENANCES.
- 5 DEMOLISH ASPHALT PAVEMENT, COMPACTED BASE, AND ASSOCIATED APPURTENANCES. SAW-CUT EDGE OF PAVEMENT TO REMAIN.

**TO REMAIN**

- 1 TRAILER TR6-102
- 2 CONCRETE PAVEMENT
- 3 ELECTRICAL CABINET SLAB AND ROOF, SEE ELECTRICAL
- 4 LIGHT POLES



**SITE AND UTILITY PLAN BUILDING J6-2262**  
 1"=20'



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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP	01/25/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED K. RIVERA	01/25/13	<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2</b> <b>SITE AND UTILITY PLAN</b> <b>BUILDING J6-2262</b>	
SUBMITTED J. BELL	01/25/13		
ST of LICENSURE: FL LICENSURE NO: 69033	01/25/13		
APPROVED D. TOFFI	2/12/13	FILE NO.	SIZE DWG. NO. REV
S. MILLER		PROJ. NO. 97963.8	F 79K39103 SHEET 7

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**SITE AND UTILITY PLAN BUILDINGS K7-0367 & K7-0367A**  
1"=10'

**FLAG NOTES**

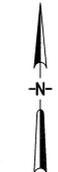
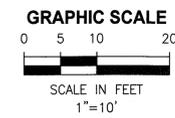
- 1 DEMOLISH AMMONIA BOILER REFURBISHMENT FACILITY (K7-0367), FOUNDATIONS, EQUIPMENT AND ASSOCIATED APPURTENANCES. (1 4 1 2 3)  
D4 D4 D5 D5 D5
- 2 DEMOLISH STORAGE FACILITY (K7-0367A), FOUNDATIONS AND ASSOCIATED APPURTENANCES. (2 3)  
D4 D4
- 3 DEMOLISH WOOD LIGHT POLE.
- 4 DEMOLISH EYE WASH STATION AND ASSOCIATED APPURTENANCES. HOSE BIBB TO REMAIN.
- 5 DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES.
- 6 DEMOLISH SANITARY SEWER PIPE, VALVE VAULT, AND ASSOCIATED APPURTENANCES.
- 7 DEMOLISH ROOF DRAIN PIPING.

**TO REMAIN**

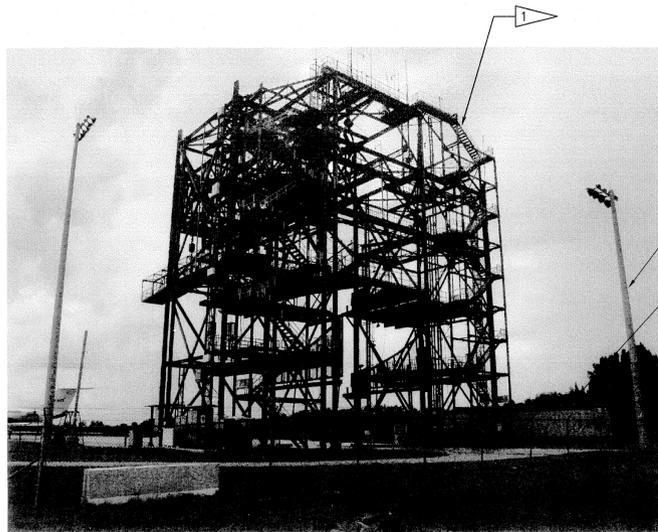
- 1 ASPHALT PAVEMENT
- 2 LIGHT POLE
- 3 EYE WASH HOSE BIBB

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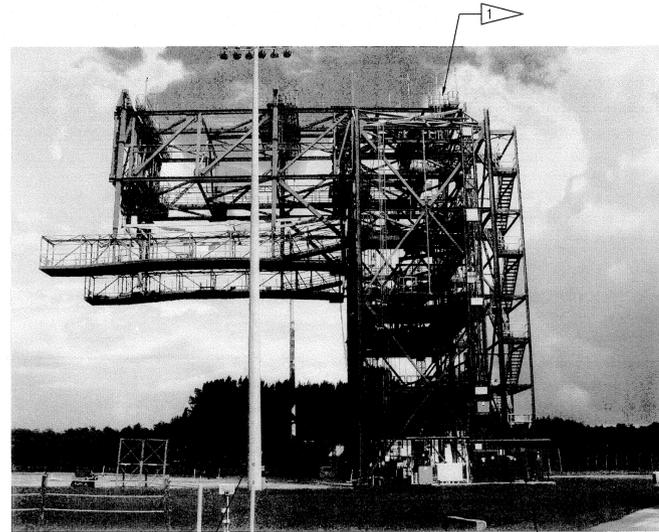
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SIGNATURES		DATE		
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CHECKED K. RIVERA		01/25/13		
SUBMITTED J. BELL		01/25/13		
ST of LICENSURE: FL LICENSE NO: 69033		01/25/13		
APPROVED D. TOTI		2/12/13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2</b>  <b>SITE AND UTILITY PLAN BUILDINGS K7-0367 &amp; K7-0367A</b>		
		FILE NO.	SIZE F	DWG. NO. 79K39103
S. MILLER		PROJ. NO. 97963.8	SHEET 8	



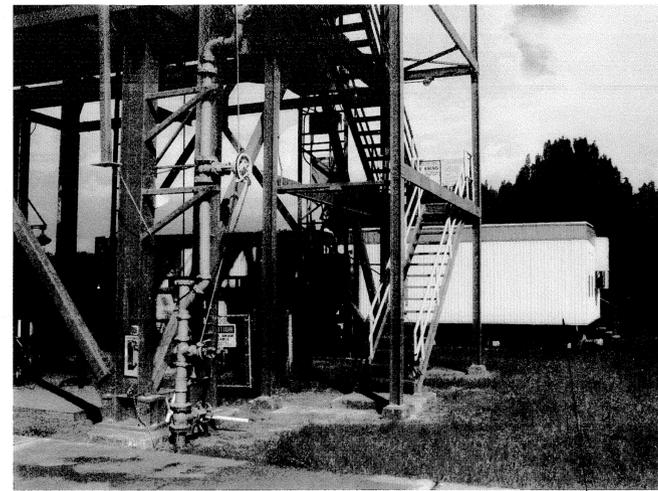
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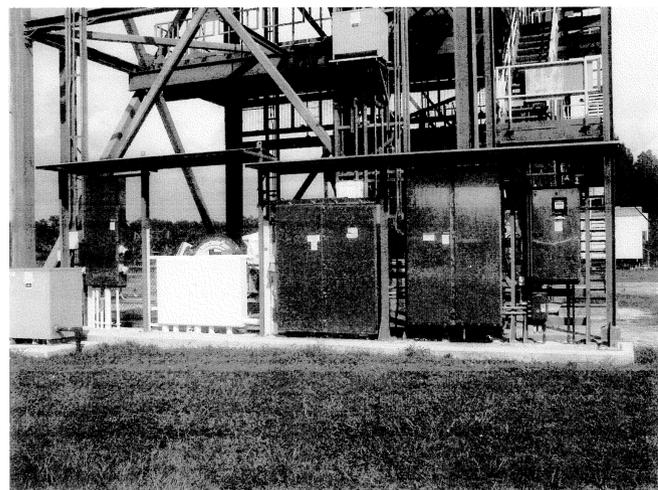
**J6-2262 VIEW 1**  
NTS  
D1



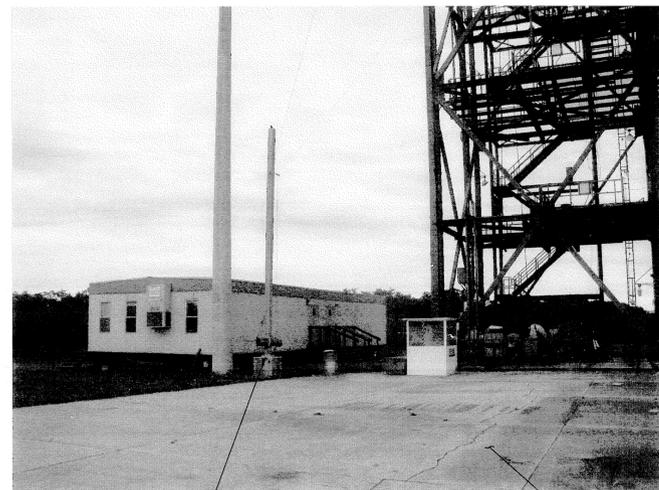
**J6-2262 VIEW 2**  
NTS  
D1



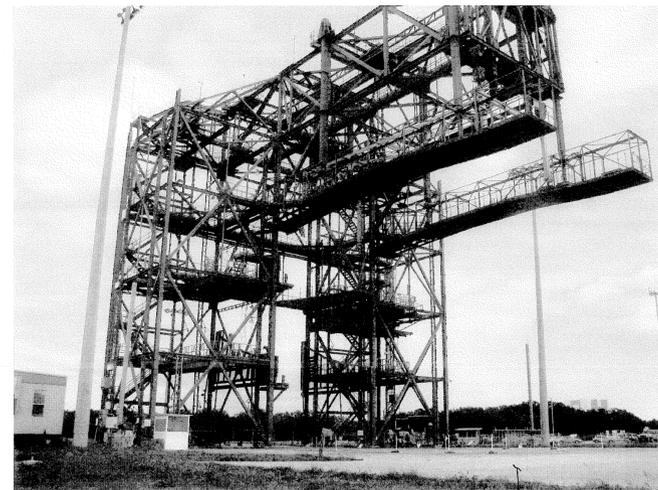
**J6-2262 VIEW 3**  
NTS  
D1



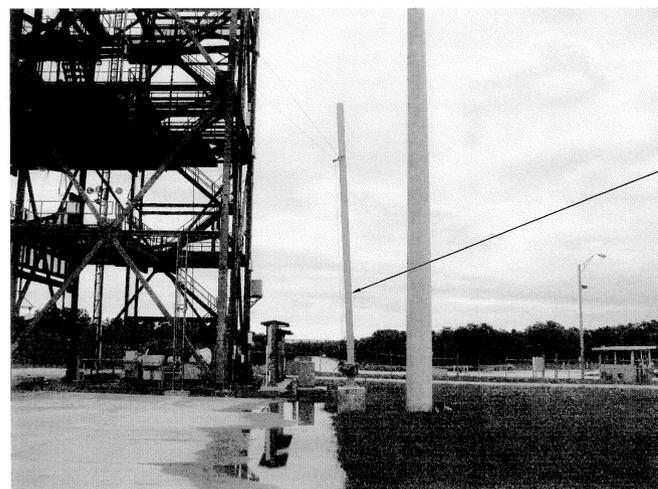
**J6-2262 VIEW 4**  
NTS  
D1



**J6-2262 VIEW 5**  
NTS  
D1



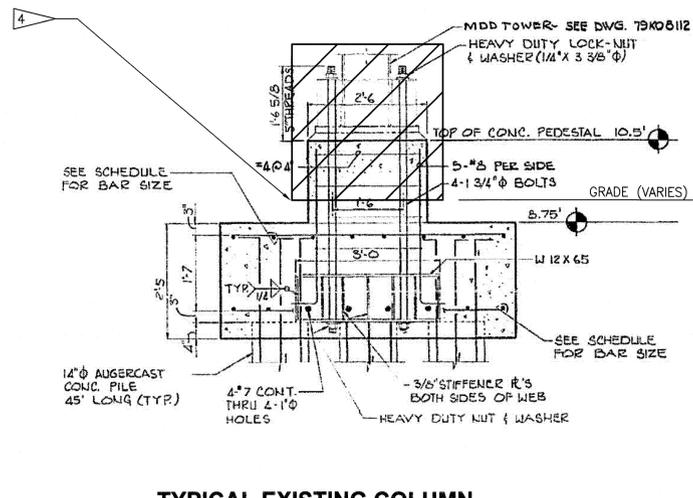
**J6-2262 VIEW 6**  
NTS  
D1



**J6-2262 VIEW 7**  
NTS  
D1



**J6-2262 VIEW 8**  
NTS  
D1



**FLAG NOTE**

- 1 DEMOLISH MATE/DEMATE DEVICE (J6-2262) AND ASSOCIATED APPURTENANCES. DEMOLISH PILE CAP CONCRETE PEDESTALS PER DETAIL 9
- 2 DEMOLISH LIGHT POLE, BASE, FOUNDATION, AND ASSOCIATED APPURTENANCES.
- 3 DEMOLISH HOIST ARM, FOUNDATION, AND ASSOCIATED APPURTENANCES.
- 4 SAWCUT CONCRETE FLUSH WITH GRADE (FLUSH WITH ADJACENT CONCRETE)

**TO REMAIN**

- 1 TRAILER TR6-102
- 2 CONCRETE PAVEMENT
- 3 ELECTRICAL CABINET ROOF, SEE ELECTRICAL

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CHECKED K. RIVERA		01/25/13		
SUBMITTED J. BELL		01/25/13		
ST of LICENSURE: FL LICENSE NO: 69033		01/25/13		
APPROVED D. TOTI		2/1/13		
S. MILLER				
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2</b> <b>BUILDING J6-2262 PHOTOS AND DETAILS</b>		
FILE NO.				
PROJ. NO. 97963.8		F	79K39103	9

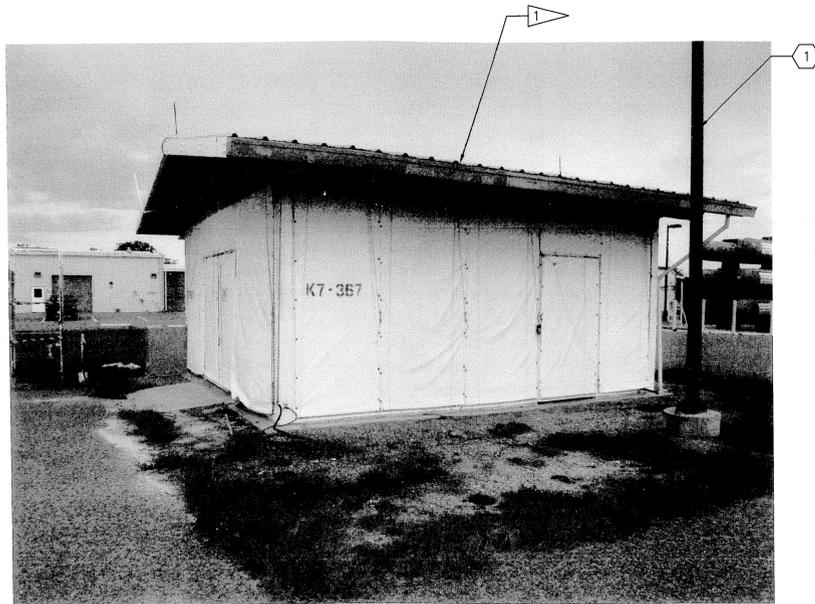
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**FLAG NOTES**

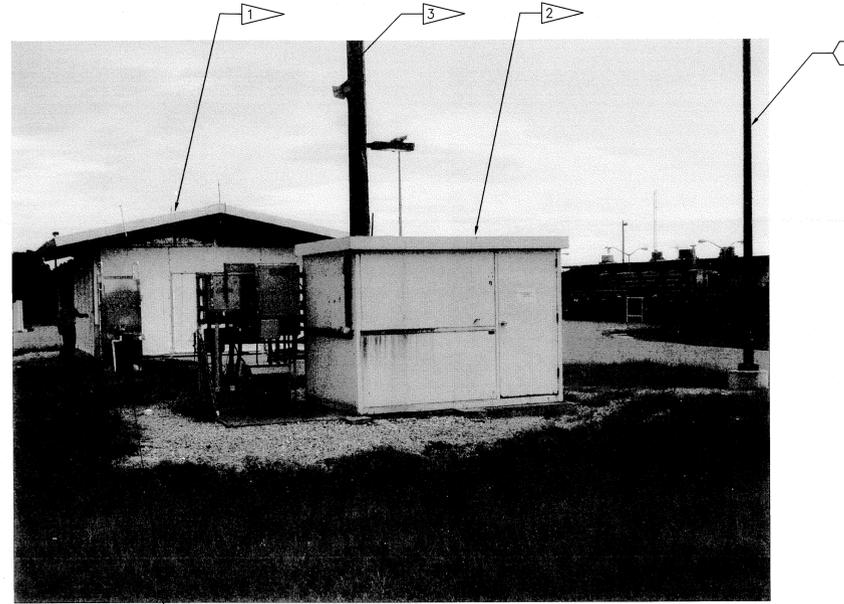
- 1 DEMOLISH AMMONIA BOILER REFURBISHMENT FACILITY (K7-0367), FOUNDATIONS, EQUIPMENT, AND ASSOCIATED APPURTENANCES.
- 2 DEMOLISH STORAGE FACILITY (K7-0367A), FOUNDATIONS AND ASSOCIATED APPURTENANCES.
- 3 DEMOLISH WOOD LIGHT POLE.
- 4 DEMOLISH EYE WASH STATION, HOSE BIB, AND ASSOCIATED APPURTENANCES.
- 5 DEMOLISH EQUIPMENT, CONDUITS, SUPPORTS, AND ASSOCIATED APPURTENANCES.

**TO REMAIN**

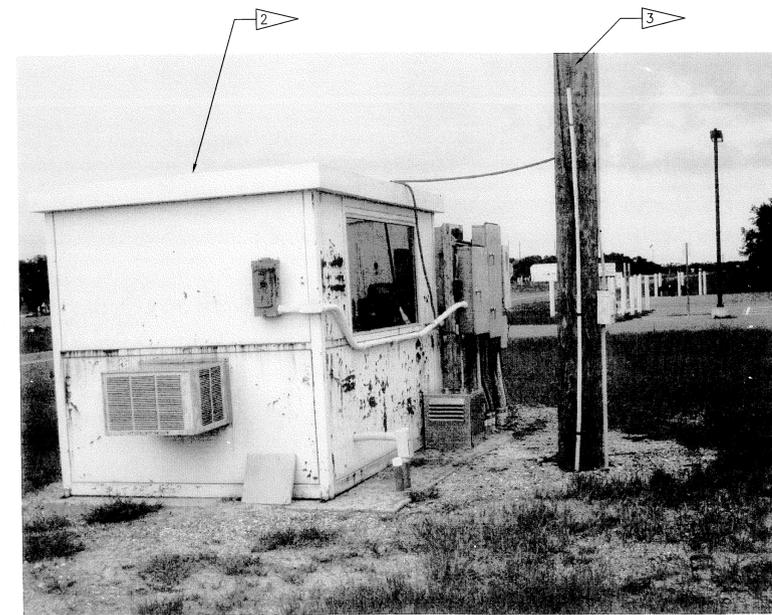
- 1 LIGHT POLE



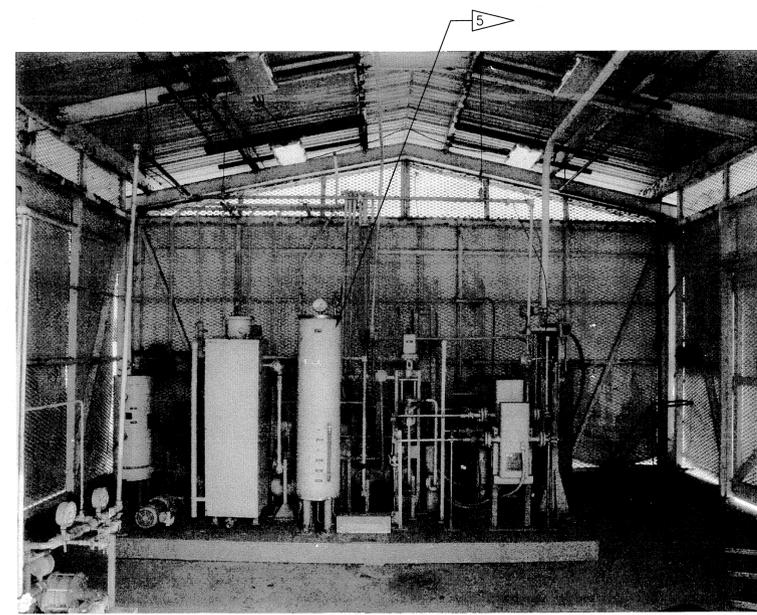
**K7-0367 1**  
NTS D2



**K7-0367A 2**  
NTS D2



**K7-0367A 3**  
NTS D2



**K7-0367 EQUIPMENT 4**  
NTS D2

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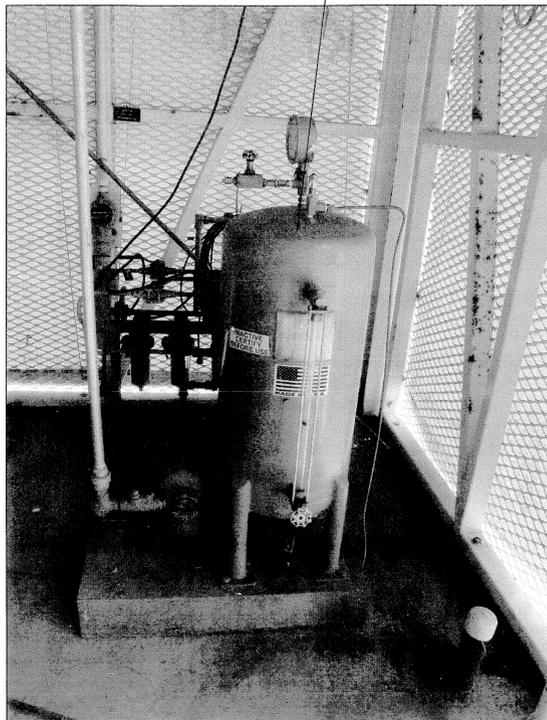
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**JONES EDMUNDS**

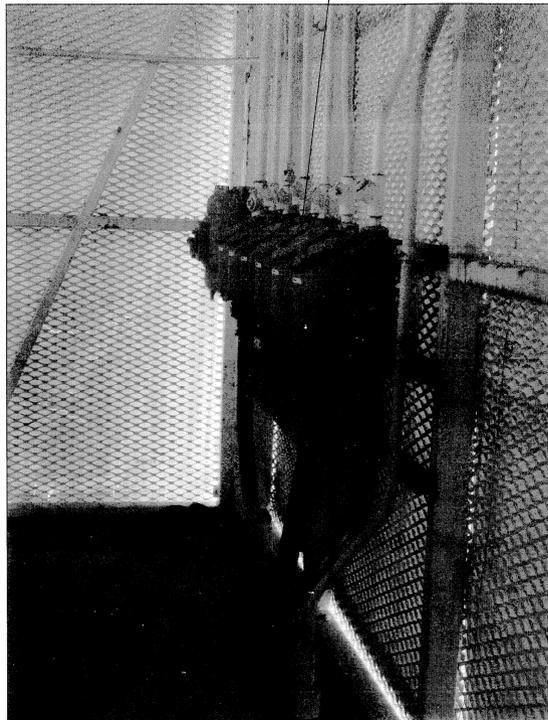
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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
DRAWN S. HAFERKAMP	01/25/13	
CHECKED K. RIVERA	01/25/13	<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2</b>
SUBMITTED J. BELL	01/25/13	
ST of LICENSURE: FL LICENSE NO: 69033	01/25/13	<b>BUILDINGS K7-0367 &amp; K7-0367A PHOTOS</b>
APPROVED D. TOTH	2/11/13	
S. MILLER		FILE NO. <b>79K39103</b>
D4		SIZE <b>F</b> DWG. NO. <b>79K39103</b>
		PROJ. NO. 97963.8 SHEET <b>10</b>

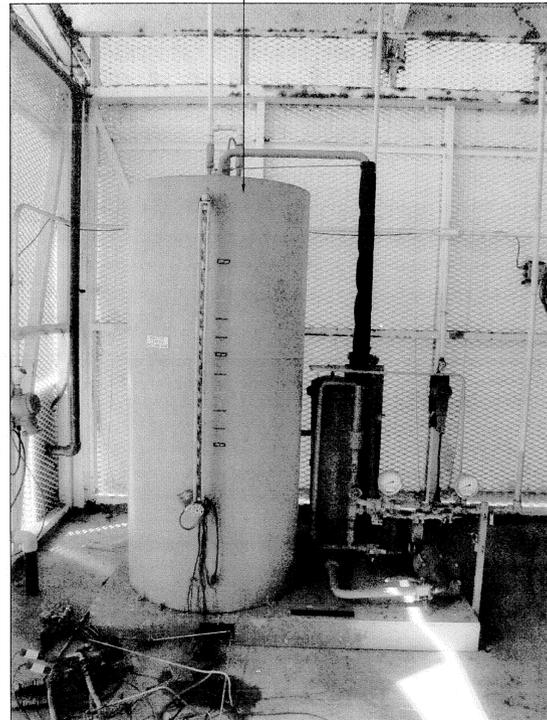
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**K7-0367 EQUIPMENT 1**  
NTS D2



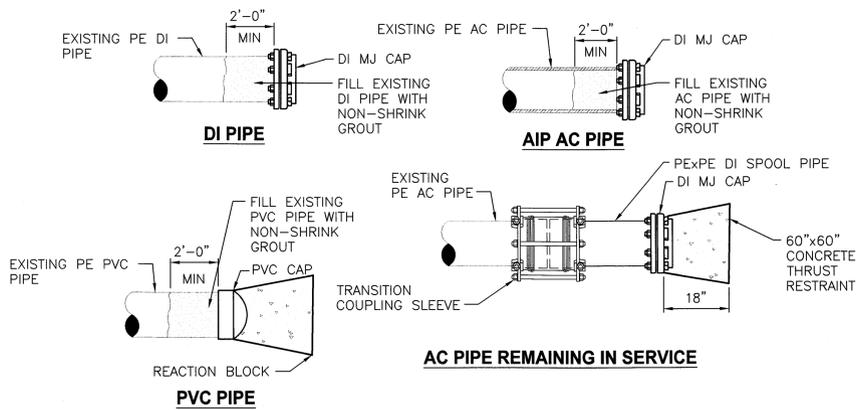
**K7-0367 EQUIPMENT 2**  
NTS D2



**K7-0367 EQUIPMENT 3**  
NTS D2

**FLAG NOTES**

1 DEMOLISH EQUIPMENT, CONDUITS, SUPPORTS, AND ASSOCIATED APPURTENANCES.



**TYPICAL PIPE CAP DETAIL 4**  
NTS D1

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SIGNATURES		DATE		
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CHECKED K. RIVERA		01/25/13		
SUBMITTED BELL		01/25/13		
ST of LICENSURE: FL LICENSE NO: 69033		01/25/13		
APPROVED D. TOTH		2/1/13		
FILE NO.		SIZE	DWG. NO.	REV
D5		F	79K39103	
PROJ. NO. 97963.8		SHEET 11		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
JOHN F. KENNEDY SPACE CENTER, NASA  
KENNEDY SPACE CENTER, FLORIDA

**CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2 K7-0367 PHOTOS AND DETAILS**

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**GENERAL NOTES**

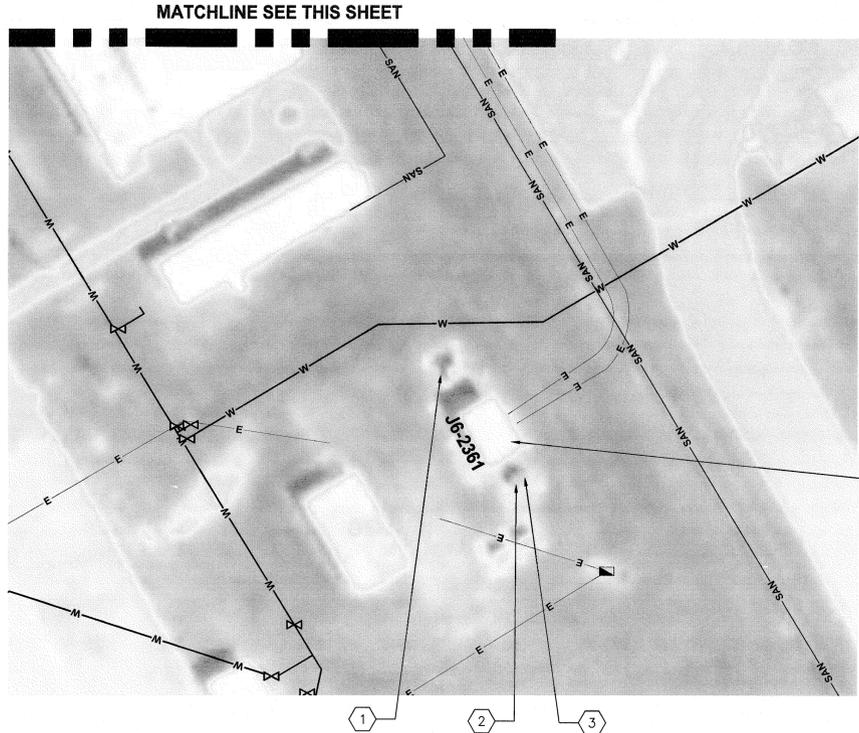
1. CONTRACTOR SHALL DEMOLISH ALL UNCOVERED (AFG) COMM AND ELECTRICAL UTILITIES SERVING MATE DEMATE FACILITY J6-2262 ENCOUNTERED DURING DEMOLITION, EXCEPT ITEMS TO REMAIN.
2. TRAILER TR6-0102 SHALL BE REMOVED BY OTHERS. ELECTRICAL POWER FEEDS AND COMM SHALL BE DEMOLISHED - CONDUITS SHALL BE CUT 12 INCHES BFG AND CAPPED.
3. ALL CABLES TO BE DEMOLISHED ALONG WITH PANELS THEY SERVE. REMOVE CABLING FROM CONDUITS AND CUT ABANDON DIRECT BURY BELOW GRADE.

**FLAG NOTES**

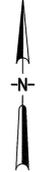
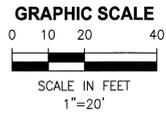
1. DEMOLISH ALL UNCOVERED COMM AND ELECTRICAL UTILITIES AT MATE/DEMATE FACILITY J6-2262 ENCOUNTERED DURING DEMOLITION WITH EXCEPTION TO ITEMS TO REMAN. 4 5  
E7 E7
2. TRAILER TR6-0102 TO BE REMOVED BY OTHERS. DEMOLISH ELECTRICAL TRAILER FEEDERS FROM PANEL LP2-2A TO TRAILER BREAKER PANELS. 1 2 3  
E7 E7 E7
3. DEMOLISH ELECTRICAL EQUIPMENT ON NORTH SIDE OF FACILITY. 2  
E6

**TO REMAIN**

1. T843A
2. T3A
3. T4A
4. J6-2361
5. APPROXIMATE ROUTING OF UG MAIN 480V ELECTRICAL AND MAIN COMM CONDUITS.
6. ALL ELECTRICAL EQUIPMENT ON SOUTH SIDE INCLUDING CANOPIES TO REMAIN. INCLUDES MDD4, MDD3, ATS 145, COMM J-BOX, MDD2, AND TRANSFORMER MDD2. 1  
E6
7. ALL HIGH MAST CONCRETE POLES AND LIGHT FIXTURES AND POWER FEEDS, LOCATIONS ARE APPROXIMATE. 4 5  
E7 E7



**ELECTRICAL SITE PLAN BUILDING J6-2262**  
1"=20'



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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP	01/25/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED M. CLARK	01/25/13	<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2 ELECTRICAL SITE PLAN BUILDING J6-2262</b>	
SUBMITTED R. CHRUSZCZ	01/25/13		
ST of LICENSURE: FL LICENSE NO: 40080	01/25/13		
APPROVED D. TOTH	2/1/13	FILE NO.	SIZE DWG. NO. REV
S. MILLER		PROJ. NO. 97963.8	F 79K39103 SHEET 12

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**GENERAL NOTES**

- COORDINATE POWER DISCONNECTION AT 200 AMPERE 480 VOLT DISCONNECT NORTH SIDE EXTERIOR OF BUILDING K-417 WITH CO.
- GO TO PROVIDE COMM DISCONNECTS FOR ANY TERMINATIONS REQUIRED.

**FLAG NOTES**

- 1 DEMOLISH 480 VOLT FEEDER CABLES ONLY FROM PULL BOX AND DISCONNECT AT BUILDING K-417 AND CUT AND CAPPED 12 INCHES BFG AND HOLE IN PULL BOX TO BE PLUGGED. LOAD SIDE FEEDER FROM 200 AMPERE DISCONNECT SHALL ALSO BE DEMOLISHED. CONTRACTOR SHALL COORDINATE NECESSARY OUTAGES WITH NASA.
- 2 DEMOLISH EXISTING RACK MOUNTED PANELS
- 3 DEMOLISH LIGHTPOLE AND UGE FEED FROM PANEL RACK

**TO REMAIN**

- 1 200 AMPERE 480 VOLT THREE PHASE DISCONNECT

FLUID SERVICING ROAD

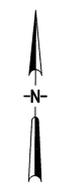
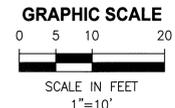
K7-0367A

K7-0367

K7-417

**ELECTRICAL SITE PLAN BUILDINGS K7-0367 & K7-0367A**

1"=10'



THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 1400019901_E02.DWG				

**JONES EDMUNDS**

730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821  
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

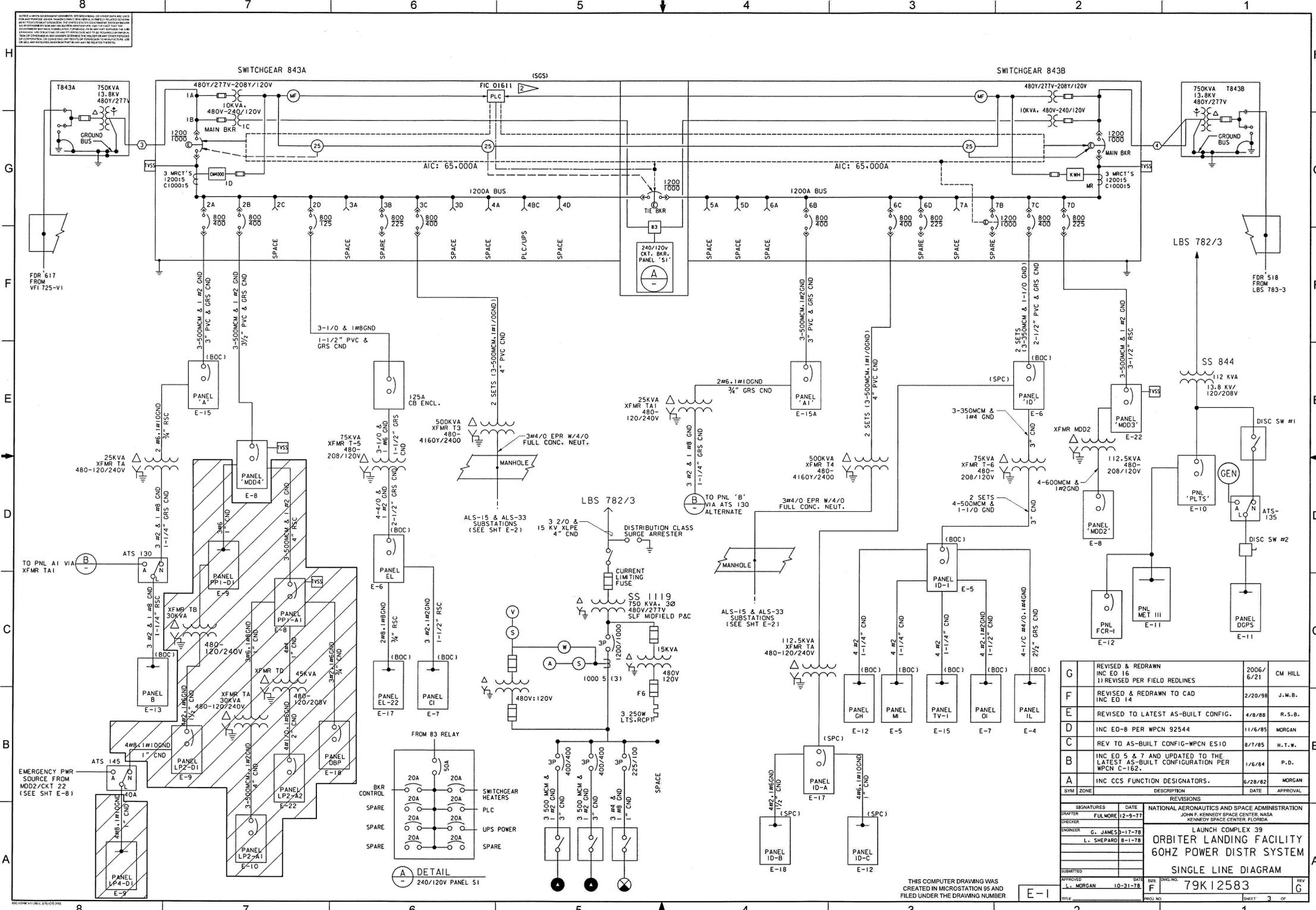
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION												
DRAWN S. HAFERKAMP	01/25/13	<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2</b> <b>ELECTRICAL SITE PLAN</b> <b>BUILDINGS K7-0367 &amp; K7-0367A</b>												
CHECKED M. CLARK	01/25/13													
SUBMITTED K. CHRUSZCZ	01/25/13													
ST of LICENSURE: FL LICENSE NO: 40080	01/25/13													
APPROVED D. TOH	2/14/13													
S. MILLER		<table border="1"> <tr> <td>FILE NO.</td> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td>PROJ. NO. 97963.8</td> <td>F</td> <td>79K39103</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>SHEET</td> <td>13</td> </tr> </table>	FILE NO.	SIZE	DWG. NO.	REV	PROJ. NO. 97963.8	F	79K39103				SHEET	13
FILE NO.	SIZE	DWG. NO.	REV											
PROJ. NO. 97963.8	F	79K39103												
		SHEET	13											

E2

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**LEGEND**  
 [Hatched Box] ITEMS TO BE DEMOLISHED



1	2	3	4	5	6	7	8
METERING A	PANEL A	SPACE	SPACE	PREPARED SPACE	PREPARED SPACE	SPACE	METERING B
MAIN A	PANEL MOD4	SPARE 800AF/225AT	PLC/UPS	TIE	PANEL A1	EMERGENCY SOURCE	MAIN B
CONTROL XFMR A	PREPARED SPACE	XFMR 13		PANEL S1	XFMR T4	PANEL I0	CONTROL XFMR B
CM 4000 MAIN A	ENCLOSURE BKR ED	SPACE	SPACE	CONTROL PWR SW	SPARE 800AF/225AT	PANEL MOD3	CM 4000 MAIN B

ELEVATION VIEW SUBSTATION 843 SWITCHGEAR 480V

SYM	ZONE	DESCRIPTION	DATE	APPROVAL
G		REVISED & REDRAWN INC ED 16	2006/6/21	CM HILL
F		REVISED & REDRAWN TO CAD INC ED 14	2/20/98	J.M.B.
E		REVISED TO LATEST AS-BUILT CONFIG.	4/8/88	R.S.B.
D		INC ED-8 PER WPCN 92544	11/6/85	MORGAN
C		REV TO AS-BUILT CONFIG-WPCN E510	8/7/85	H.T.W.
B		INC ED 5 & 7 AND UPDATED TO THE LATEST AS-BUILT CONFIGURATION PER WPCN C-162.	1/6/84	P.D.
A		INC CCS FUNCTION DESIGNATORS.	6/28/82	MORGAN

SIGNATURES		DATE	REVISIONS
DRAWN	S. HAFERKAMP	01/25/13	
CHECKED	M. CLARK	01/25/13	
SUBMITTED	K. CHRUSCZYK	01/25/13	
ST OF LICENSURE:	FL	01/25/13	
LICENSE NO.:	40080	01/25/13	
APPROVED	D. TOTH	2/1/13	

SYM	ZONE	DESCRIPTION	DATE	APPROVAL
THIS SPACE RESERVED				



SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN	S. HAFERKAMP	01/25/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED	M. CLARK	01/25/13	
SUBMITTED	K. CHRUSCZYK	01/25/13	
ST OF LICENSURE:	FL	01/25/13	
LICENSE NO.:	40080	01/25/13	
APPROVED	D. TOTH	2/1/13	

**CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2 ELECTRICAL DISTRIBUTION DIAGRAM FOR J6-2262**

FILE NO.	SIZE	DWG. NO.	REV
	F	79K39103	

THIS COMPUTER DRAWING WAS CREATED IN MICROSTATION 95 AND FILED UNDER THE DRAWING NUMBER

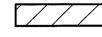
DETAIL  
 240/120V PANEL S1

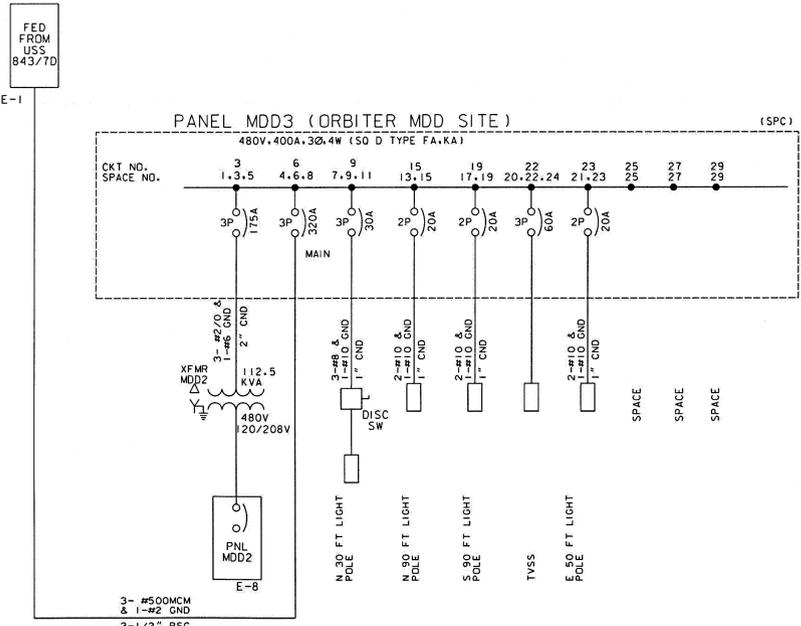
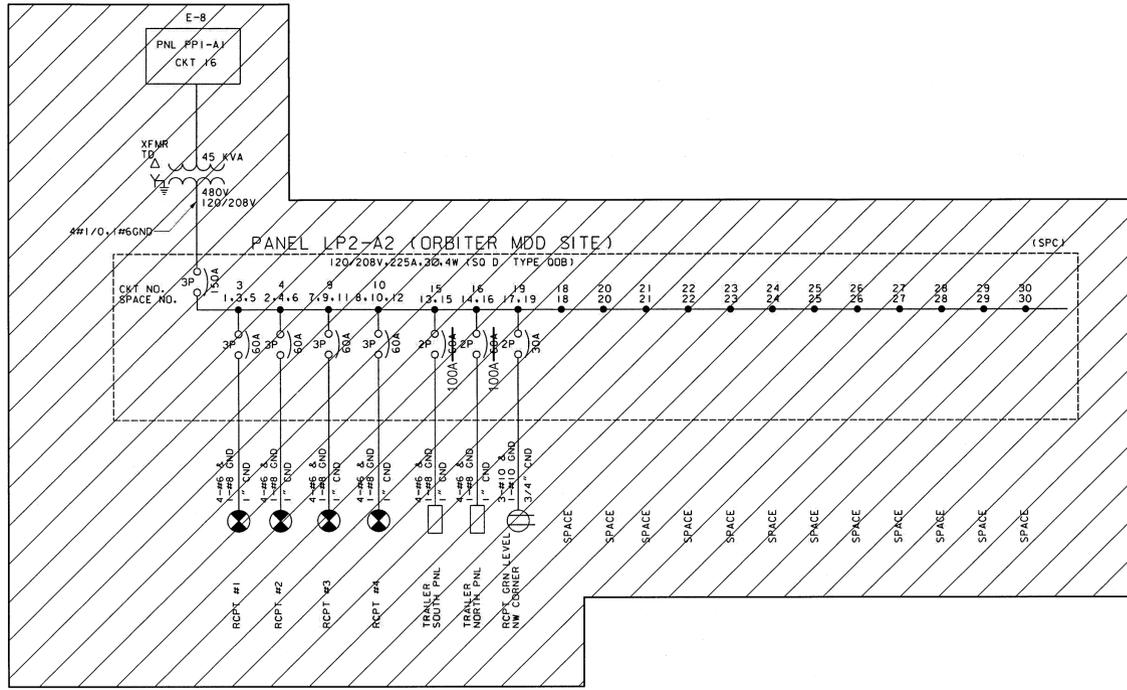
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**LEGEND**

 ITEMS TO BE DEMOLISHED



APPROVED	C.M. HILL	DATE	2006/6/22	SIZE	F	DWG. NO.	79K12583	REV	G
TITLE	MGR (USA)	55140	PROJ. NO.			SHEET	24 OF		

THIS COMPUTER DRAWING WAS CREATED IN MICROSTATION 95 AND FILED UNDER THE DRAWING NUMBER E-22

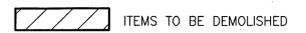
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SYM	ZONE	DESCRIPTION	DATE	APPROVAL
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000199-E04.DWG				
				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5521 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
S. HAFERKAMP	01/25/13			
CHECKED	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
M. CLARK	01/25/13			
SUBMITTED	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
R. CHRUSZCZ	01/25/13			
ST of LICENSURE: FL	01/25/13			
LICENSE NO: 40080	01/25/13			
APPROVED	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
D. TOTH	2/1/13			
FILE NO.	SIZE	DWG. NO.	REV	
	F	79K39103		
PROJ. NO. 97963.8	SHEET 15			

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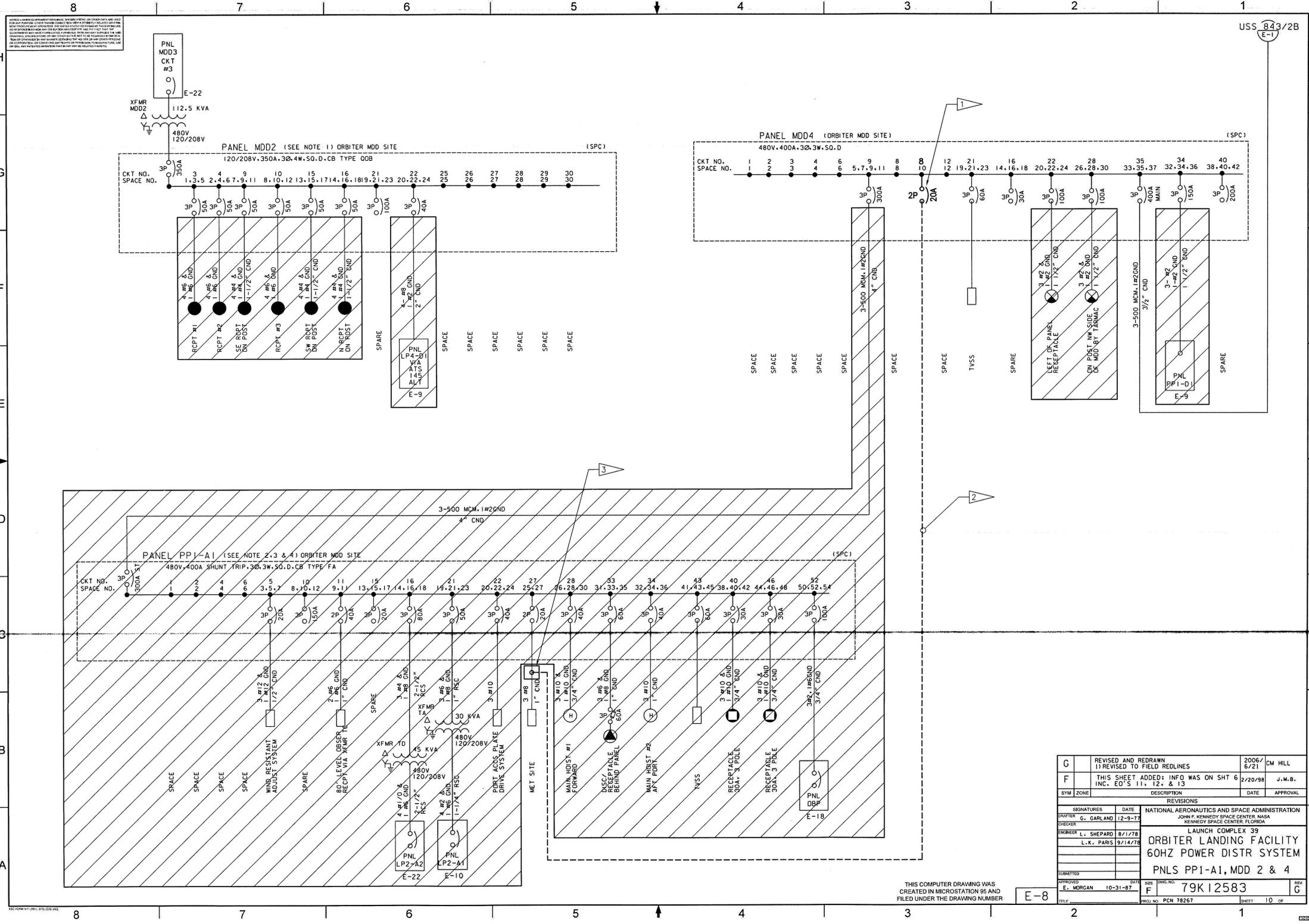
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**LEGEND**



**FLAG NOTES**

- 1 RELOCATE 20 AMP 2 POLE BREAKER FROM PANEL PP1-A1 TO PANEL MDD4
- 2 UNDERGROUND BRANCH FEEDER SHALL INTERCEPT EXISTING MET SITE BRANCH FEEDER IN NEW HANDHOLE TO BE INSTALLED. FEEDER SHALL MATCH EXISTING 1 INCH PVC WITH 3-#8 AWG AND 1-#10 GRD.
- 3 INSTALL MIN 2'x2' CONCRETE HANDHOLE WITH TRAFFIC RATED GALV STEEL COVER LABELED "ELECTRIC" TO RE-FEED MET SITE.

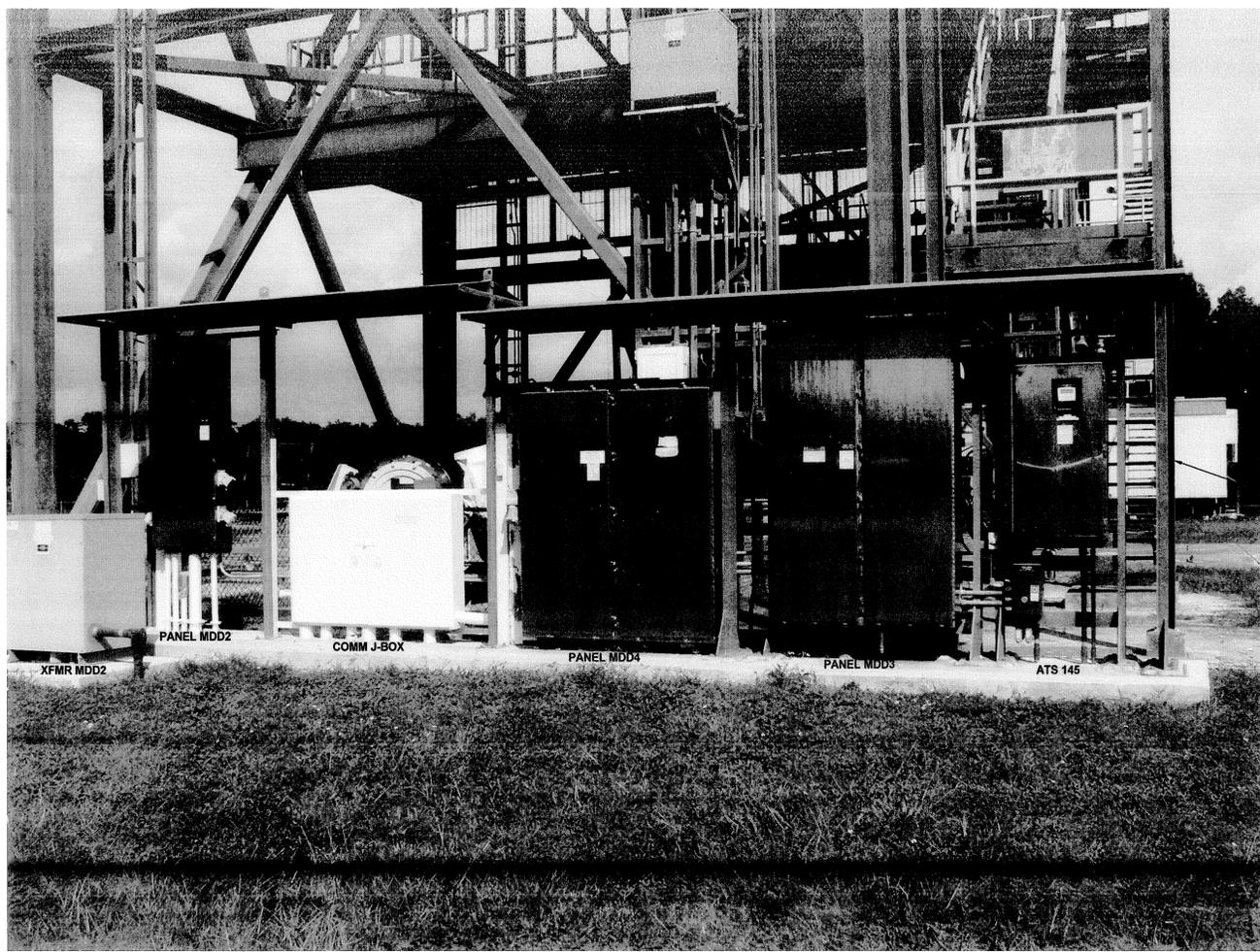


G	REVISED AND REDRAWN 1) REVISED TO FIELD REDLINES	2006/ 6/21	CM HILL
F	THIS SHEET ADDED: INFO WAS ON SHT 6 INC. ED'S 11, 12, & 13	2/20/98	J.W.B.
REVISIONS			
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
DESIGNER G. GARLAND	12-9-77	LAUNCH COMPLEX 39 ORBITER LANDING FACILITY 60HZ POWER DISTR SYSTEM PNLS PP1-A1, MDD 2 & 4	
ENGINEER L. SHEPARD	8/1/78	E-8	
L.K. PARIS	9/14/78	79K12583	
APPROVED E. MORGAN	10-31-87	SIZE F	REV G
TITLE E-8		PROJ. NO. PCN 78267	SHEET 10 OF

THIS COMPUTER DRAWING WAS  
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 FILED UNDER THE DRAWING NUMBER

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SYM	ZONE	DESCRIPTION	DATE
REVISIONS			
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 1400019901-E05.DWG			
<b>JONES EDMUNDS</b>			
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 289-2950			
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
DRAWN S. HAFERKAMP	01/25/13	CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2 ELECTRICAL DISTRIBUTION DIAGRAM FOR J6-2262	
CHECKED M. CLARK	01/25/13	FILE NO.	
SUBMITTED E. CHRUSCZ	01/25/13	SIZE F	DWG. NO. 79K39103
ST of LICENSURE: FL LICENSE NO: 40080	01/25/13	PROJ. NO. 97963.8	SHEET 16
APPROVED S. MILLER	2/1/13	REV	

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**J6-2262 ELECTRICAL EQUIPMENT - SOUTH SIDE** (1)  
NTS E1



**J6-2262 ELECTRICAL EQUIPMENT - NORTH SIDE** (2)  
NTS E1

**FLAG NOTES**

(1) DEMOLISH ELECTRICAL EQUIPMENT ON NORTH SIDE OF FACILITY.

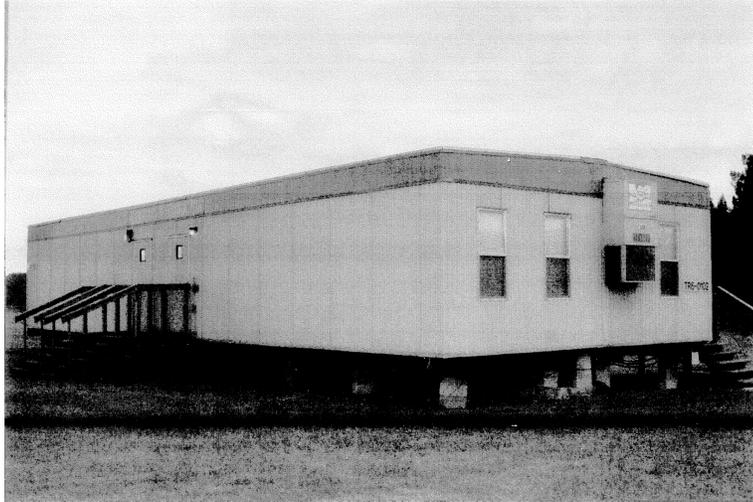
**TO REMAIN**

(1) ALL ELECTRICAL EQUIPMENT ON SOUTH SIDE INCLUDING CANOPIES TO REMAIN. INCLUDES MDD4, MDD3, ATS 145, COMM J-BOX, MDD2, AND TRANSFORMER MDD2.

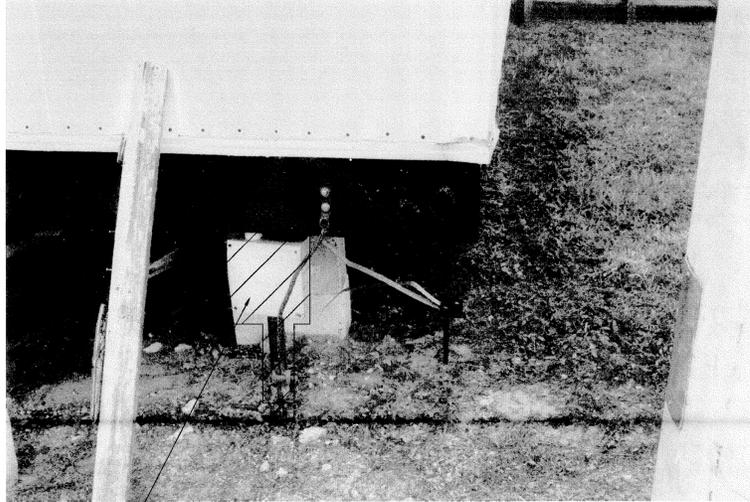
THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 1400019901_E06.DWG				
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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		01/25/13		
CHECKED M. CLARK		01/25/13		
SUBMITTED K. CHRUSZCZ		01/25/13		
ST of LICENSURE: FL LICENSE NO: 40080		01/25/13		
APPROVED D. TOTI		1/1/13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA				
<b>CLOSE/DEMOLISH FACILITIES &amp; STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2</b>				
<b>BUILDING J6-2262 PHOTOS</b>				
FILE NO.		SIZE	DWG. NO.	REV
S. MILLER		F	79K39103	
PROJ. NO. 97963.8		SHEET 17		

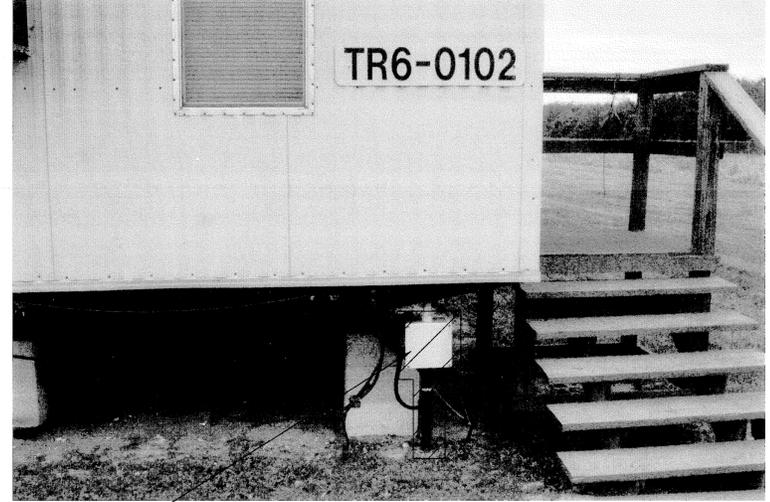
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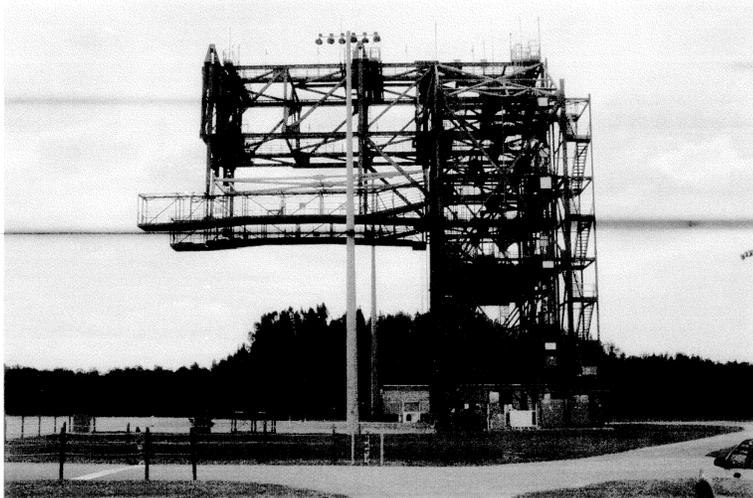
**TRAILER TR6-0102** 1  
NTS E1



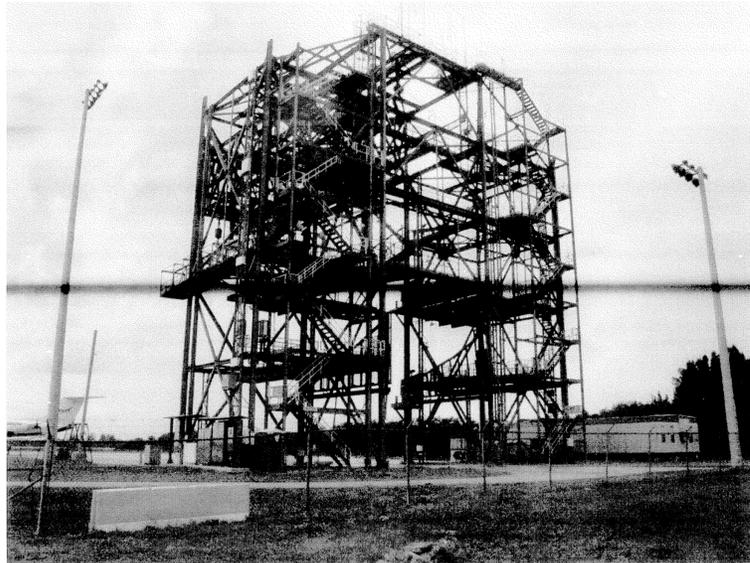
**POWER PULL BOX TRAILER TR6-0102** 2  
NTS E1



**POWER PULL BOX TRAILER TR6-0102** 3  
NTS E1



**MATE/DEMATE FACILITY J6-2262** 4  
NTS E1



**MATE/DEMATE FACILITY J6-2262** 5  
NTS E1

**FLAG NOTES**

- 1 REMOVE (2) PULL BOXES. REMOVE CONDUCTORS BACK TO PANEL LP2-2A. CUT AND CAP CONDUITS 12" BFG.

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 1400019901_E07.DWG				
 <small>730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821            3810 S WASHINGTON AVE., SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 288-2950</small>				
SIGNATURES		DATE		
DRAWN	S. HAFERKAMP	01/25/13		
CHECKED	M. CLARK	01/25/13		
SUBMITTED	R. CHRUSZCZ	01/25/13		
ST of LICENSURE: FL		01/25/13		
LICENSE NO: 40080		01/25/13		
APPROVED		01/25/13		
D. TOTTH		01/25/13		
S. MILLER		01/25/13		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
JOHN F. KENNEDY SPACE CENTER, NASA  
KENNEDY SPACE CENTER, FLORIDA

**CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2**

**BUILDING J6-2262 PHOTOS**

FILE NO.	SIZE	DWG. NO.	REV
PROJ. NO. 97963.8	F	79K39103	

SHEET 18

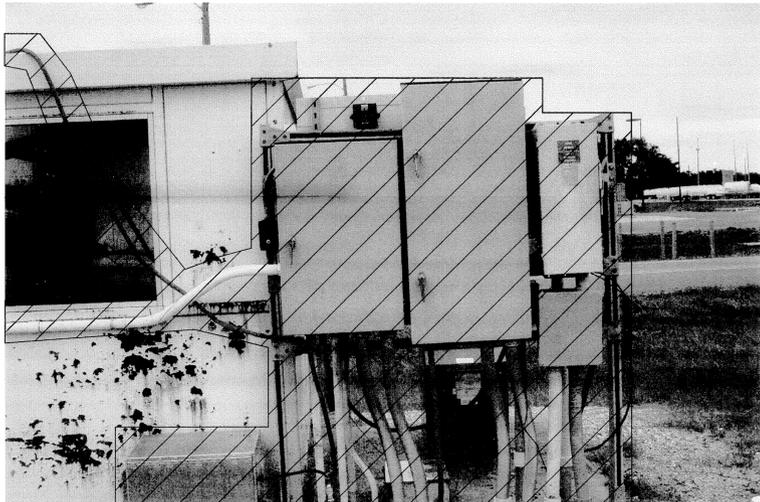
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**FLAG NOTES**

1 DISCONNECT 480V FEEDER FROM PANEL P1 CIRCUIT #28 LOCATED IN BUILDING K7-0416 (ACROSS THE STREET). REMOVE FEEDER WIRES FROM BREAKER #28 AND TAPE AND TAG "FEEDER TO DISCONNECT ABRF-1 AT BLDG K7-0417". PULL OUT 480V FEEDER FROM 200 AMPERE DISCONNECT #ABRF-1 TO THE SERVICE RACK AT BUILDING K7-0367. REMOVE 480V CONDUIT FROM EXISTING PULL BOX, CUT AND CAP 12" BFG. DISCONNECT ABRF-1 TO REMAIN, REMOVE FEEDER WIRES FROM LINE SIDE AND TAPE AND TAG "FED FROM PANEL P1 CIRCUIT 28 AT BLDG K7-0416 ACROSS THE STREET".

**TO REMAIN**

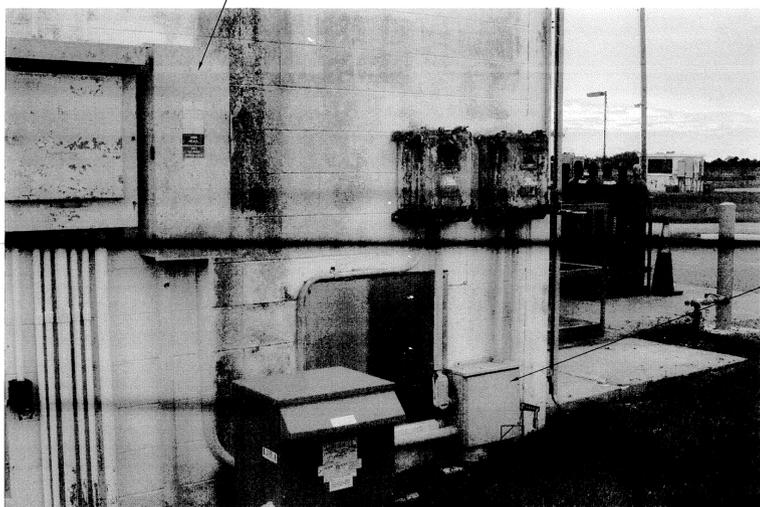
- 1 EXISTING 200 AMPERE 480 VOLT THREE PHASE DISCONNECT.
- 2 EXISTING PULL BOX.



**BLDG K7-0367 AND K7-0367A  
RACK MOUNTED PANELS** 1  
NTS E2



**BLDG K7-417** 2  
NTS E2



**BLDG K7-417 EXTERIOR PANELS** 3  
NTS E2

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		01/25/13		
CHECKED M. CLARK		01/25/13		
SUBMITTED R. CHRUSZCZ		01/25/13		
ST of LICENSURE: FL LICENSE NO: 40080		01/25/13		
APPROVED D. TOOTH		2/1/13		
S. MILLER		E8		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
JOHN F. KENNEDY SPACE CENTER, NASA  
KENNEDY SPACE CENTER, FLORIDA

**CLOSE/DEMOLISH FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.8, PACKAGE 2**

**BUILDINGS K7-0367 & K7-0367A PHOTOS**

FILE NO.	SIZE	DWG. NO.	REV
PROJ. NO. 97963.8	F	79K39103	

SHEET 19 OF 19