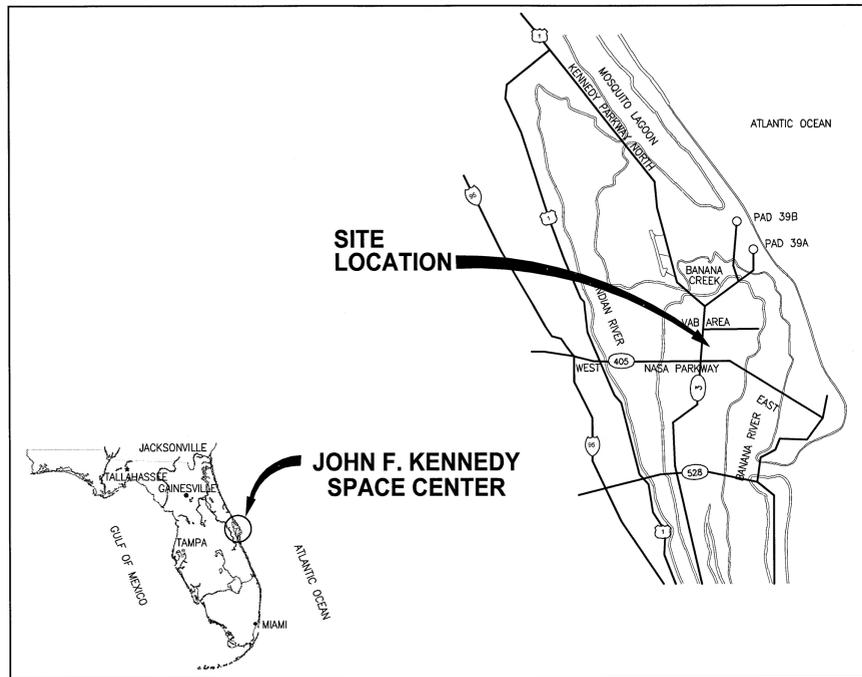


CLOSE/DEMO FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.9, PACKAGE 5



VICINITY MAP
NTS

Facility #	Facility Name
TR3-0034	Modular Office Building
M6-0847	Silver Recovery Building
K7-2468	Sandblast/Paint Facility

NASA JOHN F. KENNEDY SPACE CENTER

NASA KSC Export Control Office (ECO) Export/SBU Determination Record

EDDR# 1311473

DOCUMENT INFORMATION: (TITLE, NUMBER, REV, DATE)
Close/Demo Facilities and Structures, Various Locations,
PCN 97963.9
Package 5

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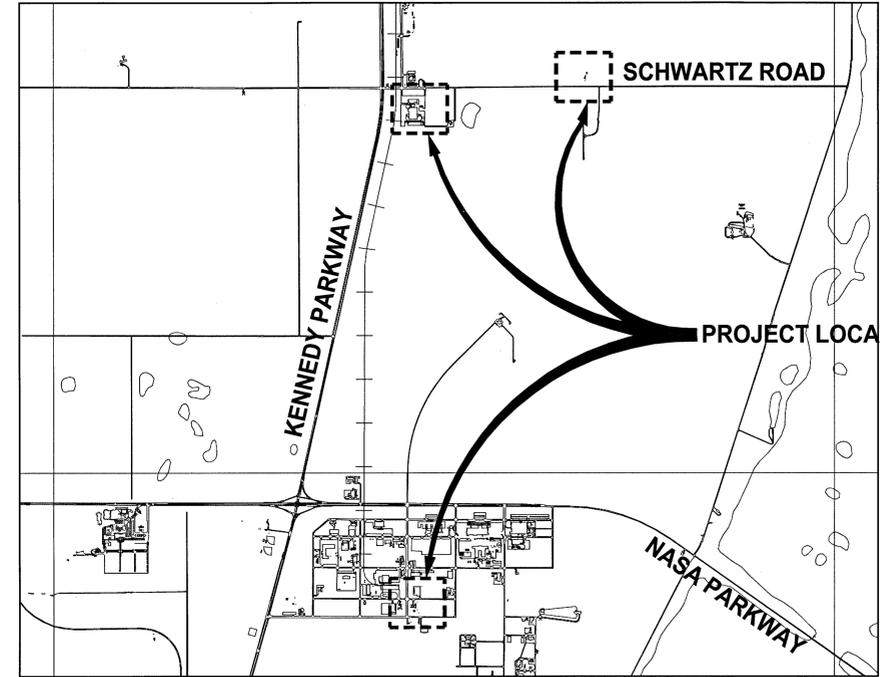
Document contains SBU?	Yes	No	SBU Reviewer's Signature	Date	Company / Org
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>William R. Schroeder</i>	6/12/13	NASA/TA-BJA

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KSC FORM 7-657V2 NS (REV. 09/11) PREVIOUS EDITIONS ARE OBSOLETE



PROJECT LOCATION
NTS

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SIGNATURES	DATE
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CHECKED K. RIVERA	06/10/13
SUBMITTED J. BELL	06/10/13
APPROVED D. TOTH	06/10/13
W. SCHROEDER	6/12/13

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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**CLOSE/DEMOLISH FACILITIES AND
STRUCTURES, VARIOUS LOCATIONS,
PACKAGE 5**

COVER SHEET

FILE NO.	SIZE	DWG. NO.	REV
V1	F	79K39393	

PROJ. NO. 97963.9 SHEET 1 OF 20

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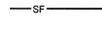
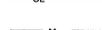
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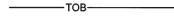
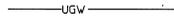
ABBREVIATIONS

- AB AS-BUILT
- AC ASBESTOS CEMENT
- A/C AIR CONDITIONING
- ACM ASBESTOS CONTAINING MATERIAL
- 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
- CFR CODE OF FEDERAL REGULATIONS
- CI CAST IRON
- C 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
- FNPT FEMALE NATIONAL PIPE THREAD
- FSA FUEL STORAGE AREA
- FT FOOT
- FW FIREX
- GALV GALVANIZED
- GV GATE VALVE
- H HIGH
- HDPE HIGH DENSITY POLYETHYLENE
- Hg MERCURY
- HMD HAZARDOUS MATERIALS IDENTIFICATION
- HTHW HIGH TEMPERATURE HOT WATER
- IE INVERT ELEVATION
- IHA INNOVATIVE HEALTH APPLICATIONS
- IN INCH
- 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
- MIN MINIMUM
- MJ MECHANICAL JOINT
- MNPT MALE NATIONAL PIPE THREAD
- 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
- OPS OPERATIONS
- Pb LEAD
- PCB POLYCHLORINATED BIPHENYL
- PE PLAIN END
- PV 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
- RPZ REDUCED PRESSURE ZONE
- RRMF REUSE, RECYCLING, AND MARKETING FACILITY
- SD STORM DRAIN
- Se SELENIUM
- SF SILT FENCE
- SJRWMD SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT
- SP SOLAR POLE
- SS STAINLESS STEEL, SUB-STATION (ELECTRICAL)
- SQ SQUARE
- STD 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
- UGE UNDERGROUND ELECTRICAL
- UNO UNLESS NOTED OTHERWISE
- USA UNITED SPACE ALLIANCE
- VFI VACUUM FAULT INTERRUPTER
- VIF VERIFY IN FIELD
- W/ WITH
- WP WOOD POLE WITH LIGHTS

LEGEND

-  DEMOLITION AREA
-  SILT FENCE
-  CLEARING LIMITS
-  FENCELINE

SURVEY LEGEND

- | | |
|--|--|
| <p>SYMBOL LEGEND</p> <ul style="list-style-type: none">  = 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  = UTILITY BLOW-OFF  = WATER MARKER  = WATER METER  = WATER SPIGOT  = WATER VALVE  = WELL  = WOOD POWER POLE | <p>LINETYPE LEGEND</p> <ul style="list-style-type: none">  = BUILDING  = BUILDING (ROOF OVERHANG)  = CENTERLINE  = CONCRETE  = CURB  = EDGE OF PAVEMENT  = EDGE OF ROAD  = FENCELINE  = HIGH TEMPERATURE HOT WATER  = TREELINE  = 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)  = PAVEMENT STRIPING (BLUE SOLID) |
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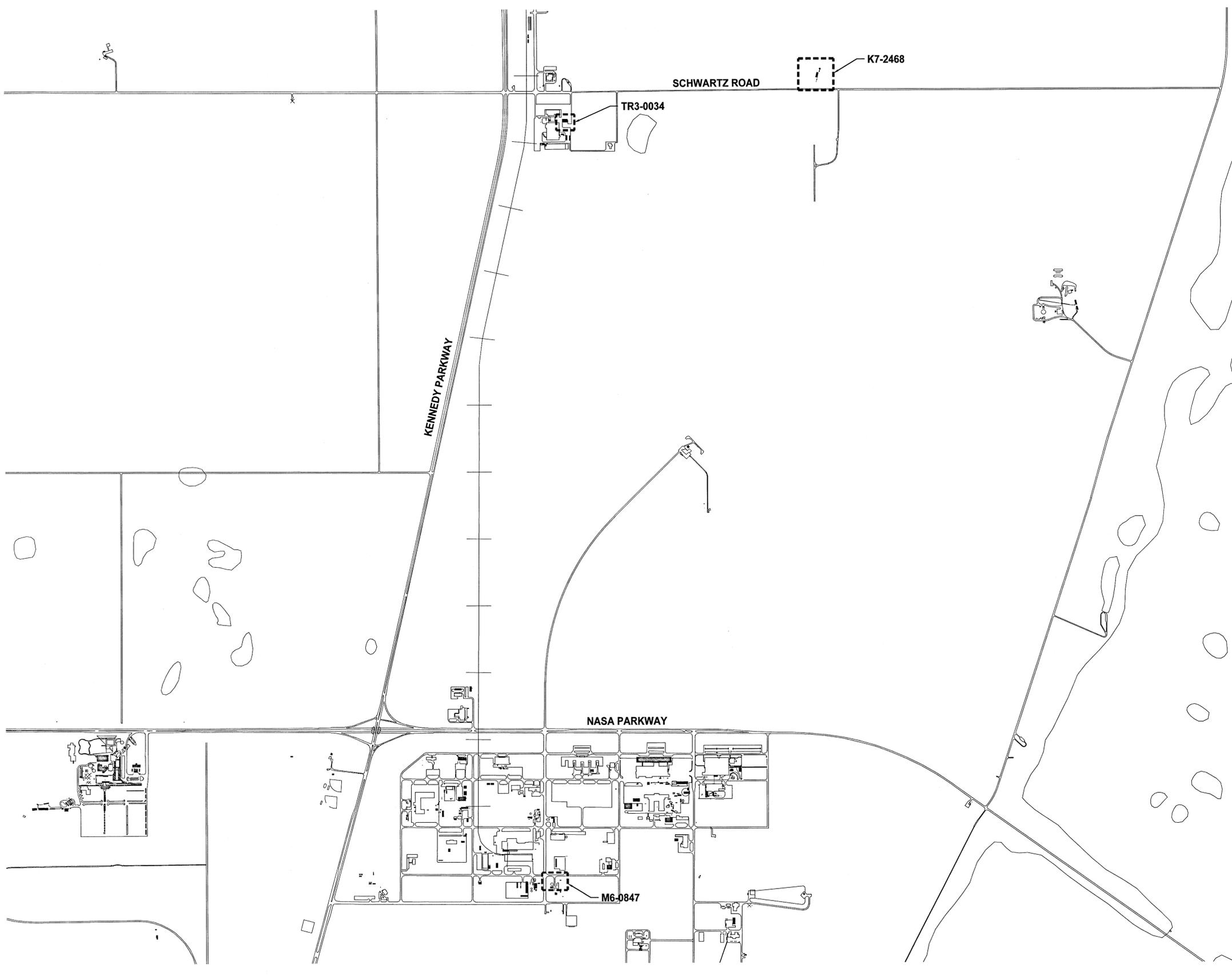
DRAWING INDEX

REV	SHEET	F CODE	DESCRIPTION
	1	V1	COVER SHEET
	2	V2	DRAWING INDEX, ABBREVIATIONS, AND LEGEND
	3	V3	KEY MAP
	4	EN1	ENVIRONMENTAL AND ASBESTOS NOTES AND SCHEDULES
	5	D1	GENERAL NOTES
	6	D2	SITE PLAN BUILDING TR3-0034
	7	D3	PAVEMENT PLAN BUILDING TR3-0034
	8	D4	UTILITIES PLAN BUILDING TR3-0034
	9	D5	SITE AND UTILITIES PLAN BUILDING M6-0847
	10	D6	SITE AND PAVEMENT PLAN BUILDING K7-2468
	11	D7	BUILDING M6-0847 AS-BUILTS
	12	D8	BUILDING M6-0847 AS-BUILTS
	13	D9	BUILDING TR3-0034 PHOTOS
	14	D10	BUILDINGS M6-0847 & K7-2468 PHOTOS
	15	D11	DETAILS
	16	D12	DETAILS
	17	E1	GENERAL ELECTRICAL NOTES
	18	E2	ELECTRICAL SITE PLAN BUILDING TR3-0034
	19	E3	ELECTRICAL SITE PLAN BUILDING M6-0847
	20	E4	BUILDINGS TR3-0034 & M6-0847 PHOTOS, ELECTRICAL ONE-LINE M6-0847

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CHECKED	K. RIVERA	06/10/13		
SUBMITTED	<i>[Signature]</i>	06/10/13		
ST of LICENSURE: FL	BELL	06/10/13		
LICENSE NO: 69033		06/10/13		
APPROVED	<i>[Signature]</i>	6/10/13		
D. OTERO		6.12.13		
FILE NO.		SIZE	DWG. NO.	REV
PROJ. NO. 97963.9		F	79K39393	
				SHEET 2

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ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. TOTH		6/10/13		
I. OTERO		6.12.13		

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**CLOSE/DEMOLISH FACILITIES AND
STRUCTURES, VARIOUS LOCATIONS,
PACKAGE 5**

KEY MAP

FILE NO.	SIZE	DWG. NO.	REV
	F	79K39393	
PROJ. NO. 97963.9	SHEET 3		

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PCB PAINT SCHEDULE			
FACILITY	LOCATION	DESCRIPTION	CONCENTRATION (PPM)
TR3-0034	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	<50*
M6-0847	SILVER PAINT ON ROOF	SILVER	A
M6-0847	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	<50*
K7-2468	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	<50*

NOTE: GENERATOR KNOWLEDGE OF FACILITIES WITH ELECTRICAL COMPONENTS INSTALLED AFTER 1980 HAVE SHOWN PCBs IN ELECTRICAL EQUIPMENT PAINT COATINGS TO BE <50 PPM. SAMPLING AND TESTING FOR PCBs IN PAINTS AND COATINGS ON ELECTRICAL EQUIPMENT IS RECOMMENDED FOR BUILDINGS CONSTRUCTED BEFORE 1980 TO MAXIMIZE EQUIPMENT RECYCLING AND MINIMIZE WASTE DISPOSAL. PAINT COATINGS ON ELECTRICAL EQUIPMENT THAT APPEAR TO HAVE THE SAME COLOR PAINT AS PAINT COATINGS ON OTHER ITEMS WITHIN THE SAME FACILITY CAN BE ASSUMED TO HAVE SIMILAR PCB CONCENTRATIONS.

* - ELECTRICAL EQUIPMENT IN FACILITIES TR3-0034, M6-0847, AND K7-2468 WERE INSTALLED AFTER 1980 AND PCB CONCENTRATIONS <50 PPM ARE BASED ON GENERATOR KNOWLEDGE.

A - INDICATES THAT THE PAINT IS ASSUMED TO CONTAIN PCBs AT CONCENTRATIONS > 50 PPM.

ENVIRONMENTAL NOTES

- THE PROJECT SITES LISTED ARE WITHIN THE BOUNDARY OF A SOLID WASTE MANAGEMENT UNIT OR A POTENTIAL RELEASE LOCATION BEING INVESTIGATED BY THE NASA REMEDIATION GROUP. KNOWN PRL SITES INCLUDE: PRL #093 (FACILITY TR1-0034), PRL #137 (FACILITY M6-0847). 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 HAVE BEEN 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 FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- THE CONTRACTOR SHALL DISPOSE OF PRESSURE TREATED WOOD POLES IN ACCORDANCE WITH NASA SPECIAL CONDITIONS CONTRACT CLAUSES. 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 UNPAINTED AND UNSTAINED CONCRETE AND SLABS CAN BE TAKEN TO THE BARRY AT THE KSC CLASS III LANDFILL. MANUFACTURER'S PAINT COATINGS AND OTHER PAINTS THAT HAVE NOT BEEN TESTED SHALL BE ASSUMED TO BE PCB BULK PRODUCT WASTE OR SHALL BE SAMPLED TO DETERMINE PCB CONCENTRATIONS. PCB BULK PRODUCT WASTE SHALL BE DISPOSED OF AT THE KSC CLASS III LANDFILL.
- THE CONTRACTOR SHALL CLEAN AND CERTIFY ALL 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.

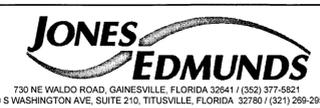
ASBESTOS ABATEMENT NOTES

- ASBESTOS CONTAINING MATERIALS (ACM) 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. SURVEY INFORMATION INCLUDING MATERIAL, QUANTITY, AND CONDITION SHALL BE REVIEWED AT THE TIME FACILITY OR SYSTEM MODIFICATIONS ACTUALLY OCCUR, TO ENSURE MATERIALS HAVEN'T BEEN MODIFIED. 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 SCHEDULE 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 28-1024 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.
- BASED ON GENERATOR KNOWLEDGE, COMPOSITE SAMPLES OF DRYWALL AND JOINT COMPOUND CONTAIN LESS THAN 1% ASBESTOS AND THEREFORE CAN BE REMOVED AS NON-ACM. THE CONTRACTOR SHALL REFER TO THE ASBESTOS SCHEDULES AND LABORATORY RESULTS FOR INDIVIDUAL ASBESTOS QUANTITIES OF DRYWALL AND JOINT COMPOUND FOR WORKER PROTECTION.

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CHECKED M. HAYS	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5
SUBMITTED K. RIVERA	06/10/13	
ST of LICENSURE: FL LICENSE NO: 65681	06/10/13	ENVIRONMENTAL AND ASBESTOS NOTES AND SCHEDULES
APPROVED D. OTERO	6/10/13	FILE NO. _____ SIZE _____ DWG. NO. _____ REV _____
EN1	6.12.13	PROJ. NO. 97963.9 SHEET 4

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 PRINTED: 6/10/2013 8:50 AM, BY: USER: hudson@esrc LAST MODIFIED: 6/27/2013 3:44 PM, BY: USER: kperce
 KSC FORM 1-11 (3/76)(C/G 3/94)

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GENERAL NOTE

SURVEY INFORMATION SHOWN ON THE DRAWINGS WAS PROVIDED BY KUGELMANN LAND SURVEYING, INC. DATED DECEMBER 2012.

DEMOLITION NOTES

1. THE DEFINITION OF DEMOLITION SHALL INCLUDE REMOVAL AND PROPER DISPOSAL OF FACILITIES, UTILITIES, STRUCTURES, AND THEIR ASSOCIATED APPURTENANCES. DEMOLITION SHALL NOT BE CONSIDERED TO INCLUDE ABANDON-IN-PLACE. ITEMS TO BE ABANDONED-IN-PLACE WILL BE INDICATED AS SUCH.
2. UNLESS NOTED OTHERWISE, WITHIN AREA OF DEMOLITION, DEMOLISH AND REMOVE IMPROVEMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A. BUILDINGS, STRUCTURES, WALLS, FENCES, SIGNS, STORAGE SHEDS, CONCRETE PEDESTALS, AND MANHOLES.
 - B. CONCRETE CURB, CONCRETE MEDIANS, STAIRS, WALKWAYS AND WHEEL STOPS.
 - C. CONCRETE FOUNDATIONS, STEPS, AND LOADING DOCKS.
 - D. ELECTRICAL SYSTEMS INCLUDING LIGHTING, POWER, FIRE ALARMS, TELECOMMUNICATIONS, PAGING AND OTHER ELECTRICAL APPURTENANCES ASSOCIATED WITH MECHANICAL EQUIPMENT.
 - E. MECHANICAL, AIR CONDITIONING AND OTHER EQUIPMENT AND APPURTENANCES, AND ALL UNDERGROUND AND ABOVE GROUND PIPING STORAGE TANKS AND CONDUITS.
 - F. LANDSCAPING
3. LENGTHS MAY BE SHOWN ON THE DRAWINGS AND REFERENCES AS-BUILTS, HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL MATERIAL QUANTITIES PRIOR TO BIDDING.
4. THE CONTRACTOR SHALL VERIFY THAT ALL REQUIRED CLEARANCES CAN BE MET. IF ANY CANNOT BE MET NOTIFY THE CONTRACTING OFFICER 14 DAYS PRIOR TO SCHEDULED DEMOLITION.
5. AFTER OR UPON AWARD OF CONTRACT, THE OWNERSHIP OF THE FACILITIES, MATERIALS, EQUIPMENT AND ASSOCIATED ITEMS TO BE DEMOLISHED WILL BE TRANSFERRED FROM NASA TO THE DEMOLITION CONTRACTOR, WITH THE EXCEPTION OF THOSE IDENTIFIED ITEMS THAT ARE TO BE SALVAGED OR TURNED OVER TO THE GOVERNMENT.
6. ITEMS IDENTIFIED TO BE SALVAGED AND RETURNED TO THE GOVERNMENT SHALL BE REMOVED CAREFULLY IN ORDER TO MAINTAIN THEIR CONDITION FOR FUTURE USE. THESE ITEMS SHALL BE RELOCATED BY THE CONTRACTOR TO A LOCATION ON KENNEDY SPACE CENTER AS SPECIFIED BY THE CONTRACTING OFFICER.
7. CONTRACTOR SHALL NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR IN-USE FACILITIES WITHOUT PERMISSION FROM THE CONTRACTING OFFICER. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS.
8. FACILITIES AND IMPROVEMENTS TO REMAIN SHALL BE CLEANED OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO PRE-CONSTRUCTION CONDITIONS BY PROJECT COMPLETION.
9. BACKFILL AND COMPACTION WORK SHALL PROVIDE THE SLOPE TO DRAIN PROPERLY. CONTRACTOR SHALL AVOID PONDING.
10. THE CONTRACTOR SHALL PROTECT EXISTING EQUIPMENT, SURFACES AND STRUCTURES TO REMAIN INSIDE AND OUTSIDE THE LIMITS OF DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TO PRE-DEMOLITION CONDITIONS ANY DAMAGE TO EXISTING EQUIPMENT, SURFACES, UTILITIES, STRUCTURES, AND OTHER FEATURES CAUSED BY DEMOLITION ACTIVITIES, AT NO ADDITIONAL COST TO THE GOVERNMENT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING, SHORING, OR PROVIDING OTHER MEANS NECESSARY TO PROTECT AND SUPPORT EXISTING UTILITIES AND STRUCTURES DURING CONSTRUCTION/DEMOLITION.
12. ALL EXISTING STORMWATER DRAINAGE PATTERNS AND CHANNELS SHALL BE MAINTAINED. THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER IF THE WORK APPEARS TO INTERRUPT AN EXISTING STORMWATER DRAINAGE PATTERN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY EROSION, SEDIMENT TRANSPORT, DISTURBED FOUNDATIONS AND IMPACT TO STRUCTURES, AND ANY OTHER DAMAGE TO CHANNELS AND DRAINAGE PATTERNS CAUSED DURING DEMOLITION.
13. CONTRACTOR SHALL PREVENT THE DISCHARGE OF SEDIMENT INTO DRAINAGE DITCHES OR TRENCHES DUE TO DEMOLITION OPERATIONS. APPROVED EROSION CONTROL DEVICES SHALL BE INSTALLED TO PREVENT DISCHARGE OF SEDIMENT INTO A DRY OR WET WATERCOURSE. EROSION CONTROL SHALL CONSIST OF MULCH AND NETTING, FILTER CLOTH BARRIERS OR OTHER EROSION CONTROL METHODS APPROVED BY THE CONTRACTING OFFICER.
14. CONTRACTOR SHALL FILL ALL DISTURBED AREAS TO EXISTING ELEVATIONS, PLACE 3" OF TOPSOIL, GRADE THE SITE LEVEL, AND SOD ALL DISTURBED AREAS.
15. NO STAGING, DISMANTLING, OR CUTTING WILL BE PERMITTED ON KSC PROPERTY OUTSIDE THE LIMITS OF THE DEMOLITION AREA AND PERMITTED LAYDOWN AREAS. COORDINATE LAYDOWN AREAS WITH THE CO.
16. ALL CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE REMOVED FROM THE PROJECT SITES BY THE CONTRACTOR WITHIN ONE WEEK OF REMOVAL FROM THE STRUCTURE OR ORIGINAL PLACE OF ORIGIN.
17. THE CONTRACTOR SHALL CUT FLUSH WITH ANY SURFACE TO REMAIN ANY ABANDONED PROTRUSIONS NOT SPECIFICALLY INDICATED IN THE PLANS, INCLUDING BUT NOT LIMITED TO CONDUIT, ANCHOR BOLTS, AND ANY OTHER ITEM. THE CONTRACTOR SHALL GROUT PENETRATIONS IN SLABS TO REMAIN.
18. THIS PROJECT HAS THE POTENTIAL TO IMPACT THREATENED, ENDANGERED, AND PROTECTED SPECIES. THE CONTRACTOR SHALL CONTACT THE CONTRACTING OFFICER AND NASA ENVIRONMENTAL 14 DAYS PRIOR TO DEMOLITION IN ORDER FOR THE GOVERNMENT TO PERFORM A BIOLOGICAL SURVEY.
19. ALL UTILITIES ARE NOT SHOWN IN THE DRAWINGS. THE CONTRACTOR SHALL BE COGNIZANT OF ABOVE AND BELOW GROUND OBSTRUCTIONS/UTILITIES THAT MAY AFFECT WORK. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION ACTIVITIES AND UTILITY DISCONNECTS AND OUTAGES WITH THE CONTRACTING OFFICER PRIOR TO COMMENCING DEMOLITION. THE CONTRACTOR SHALL HAND EXCAVATE ALL EXISTING UNDERGROUND PIPING CONNECTION AND DISCONNECTION POINTS TO DETERMINE THE LOCATION, MATERIAL, SIZE, JOINT LOCATION AND TYPE, AND CONDITION BEFORE SUBMITTING SHOP DRAWINGS FOR CONNECTING FITTINGS, ADAPTERS, ETC. THE CONTRACTOR SHALL PROVIDE THIS INFORMATION (INCLUDING FIELD MEASUREMENTS) WITH SHOP DRAWING SUBMITTALS. AT A MINIMUM, ALL WATER UTILITIES SHALL BE DEMOLISHED AND CAPPED AT THE CLOSEST MAIN, ALL SEWER UTILITIES SHALL BE DEMOLISHED AND CAPPED AT CLOSEST MAIN, MANHOLE OR LIFT STATION, ALL OTHER UTILITIES UNLESS OTHERWISE NOTED, SHALL BE DEMOLISHED AND CAPPED 18" BELOW GRADE, 5.0 LF HORIZONTALLY FROM THE EXISTING BUILDING FOOTPRINT. SEWER AND WATER LINES SHALL BE CAPPED WITH MATERIAL MATCHING THE PIPE MATERIAL.
20. PERSONAL PROPERTY SUCH AS DESKS, FURNITURE, DOOR LOCKS AND HANDLES WHICH ARE TO BE RETAINED BY THE GOVERNMENT WILL BE REMOVED BY THE GOVERNMENT BEFORE CONSTRUCTION BEGINS. ALL REMAINING ITEMS IN THE FACILITIES SHALL BE DISPOSED OF BY THE CONTRACTOR.
21. CONTRACTOR SHALL DRAIN, PURGE, AND/OR OTHERWISE REMOVE, COLLECT, AND DISPOSE OF CHEMICALS, GASES, REFRIGERANTS, HYDRAULIC FLUIDS, EXPLOSIVES, ACIDS, FLAMMABLES, HEAVY METALS, OR OTHER DANGEROUS MATERIALS OR ITEMS THAT MAY CONTAIN THOSE MATERIALS, INCLUDING BUT NOT LIMITED TO PRESSURE SWITCHES, AIR CONDITIONING UNITS, BALLAST TRANSFORMERS, LEAD FLASHING, FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE LAMPS, BATTERIES IN EXIT SIGNS AND EMERGENCY LIGHTING, ETC., BEFORE PROCEEDING WITH DEMOLITION OPERATIONS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND THE CONTRACT DOCUMENTS.
22. BOLLARDS SHOWN TO BE REMOVED SHALL BE TAKEN TO A DESIGNATED LOCATION AT THE KSC LANDFILL FOR RE-USE. BOLLARDS SHALL BE REMOVED, HANDLED, AND STOCKPILED IN A MANNER TO PRESERVE CURRENT CONDITION.
23. CONTRACTOR SHALL ENSURE THAT MONITORING WELLS LOCATED AT VARIOUS LOCATIONS ARE PROTECTED, LEFT UNDISTURBED, AND KEPT IN WORKING ORDER.

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: 14000212P5-D01.DWG				
 <p style="font-size: small; text-align: center;">730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-6821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950</p>				
SIGNATURES		DATE		
DRAWN C. COFFEY		06/10/13		
CHECKED K. RIVERA		06/10/13		
SUBMITTED J. BELL		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. TOTH		6/10/13		
I. OTERO		6.2.13		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA				
CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5				
GENERAL NOTES				
FILE NO.		SIZE	DWG. NO.	REV
D1		F	79K39393	
PROJ. NO. 97963.9			SHEET 5	

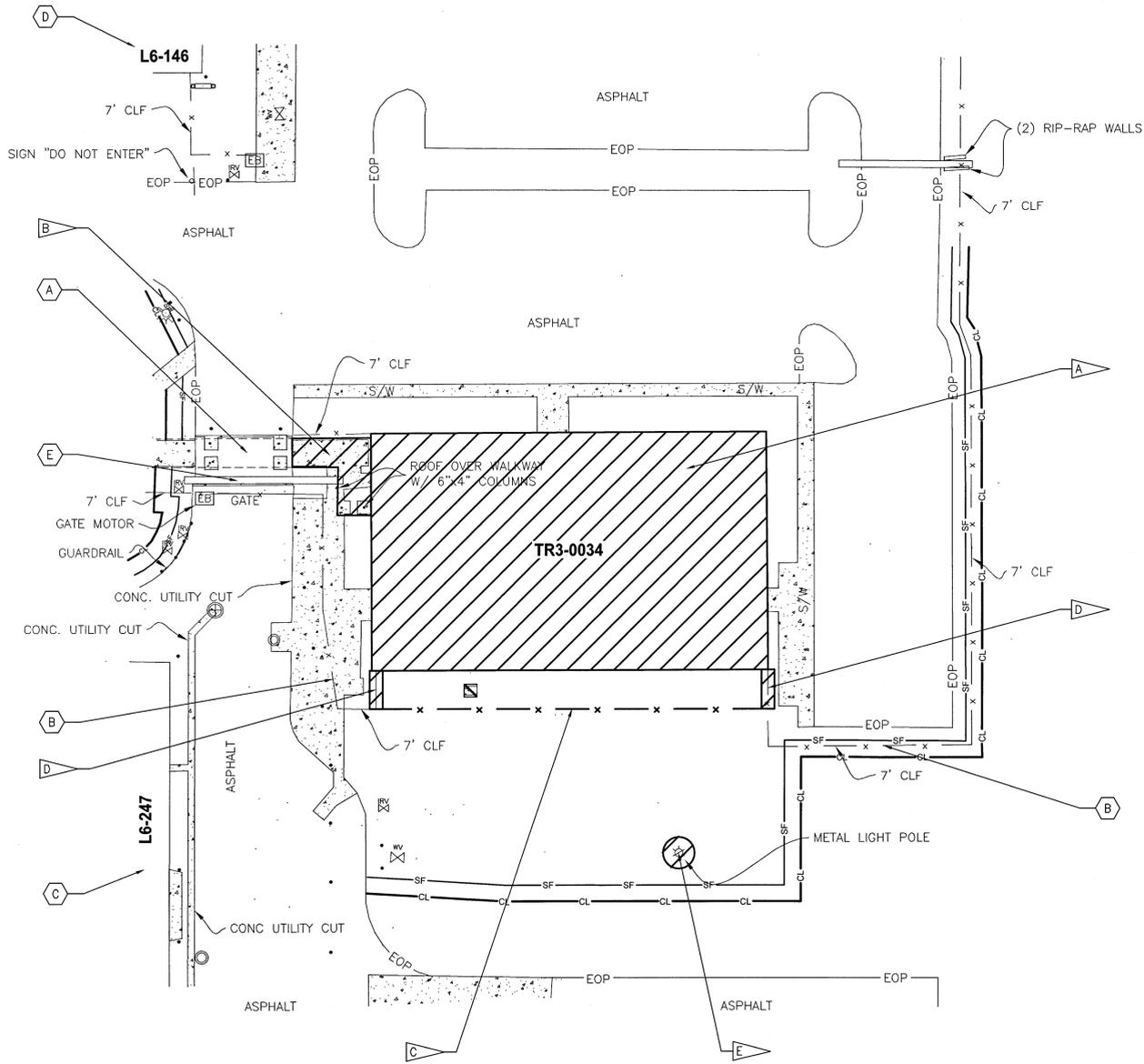
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FLAG NOTES

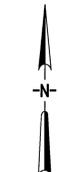
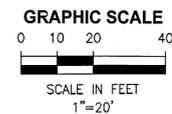
- A DEMOLISH MODULAR OFFICE (TR3-0034), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (1/1 D9) (3/1 D9)
- B DEMOLISH ALUMINUM CANOPY, COLUMNS, AND ASSOCIATED APPURTENANCES. SEE TR3-0034 CANOPY PLAN ON SHEET D11. (2/1 D9) (4/1 D9) (3/1 D11)
- C CONSTRUCT 7' TALL CHAIN LINK FENCE AND CONNECT TO EXISTING FENCE (1/1 D12)
- D DEMOLISH CHAIN LINK FENCE, POSTS, FOUNDATIONS, AND ASSOCIATED APPURTENANCES (3/1 D9)
- E DEMOLISH METAL LIGHT POLE AND ASSOCIATED APPURTENANCES (1/1 D9)

TO REMAIN

- A ALUMINUM CANOPY - SEE TR3-0034 CANOPY PLAN ON SHEET D11. (2/1 D9) (4/1 D9) (3/1 D11)
- B CHAIN LINK FENCE
- C BUILDING L6-247
- D BUILDING L6-146
- E STORM TRENCH DRAIN (2/1 D9)



SITE PLAN BUILDING TR3-0034
1"=20'



THIS SPACE RESERVED

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

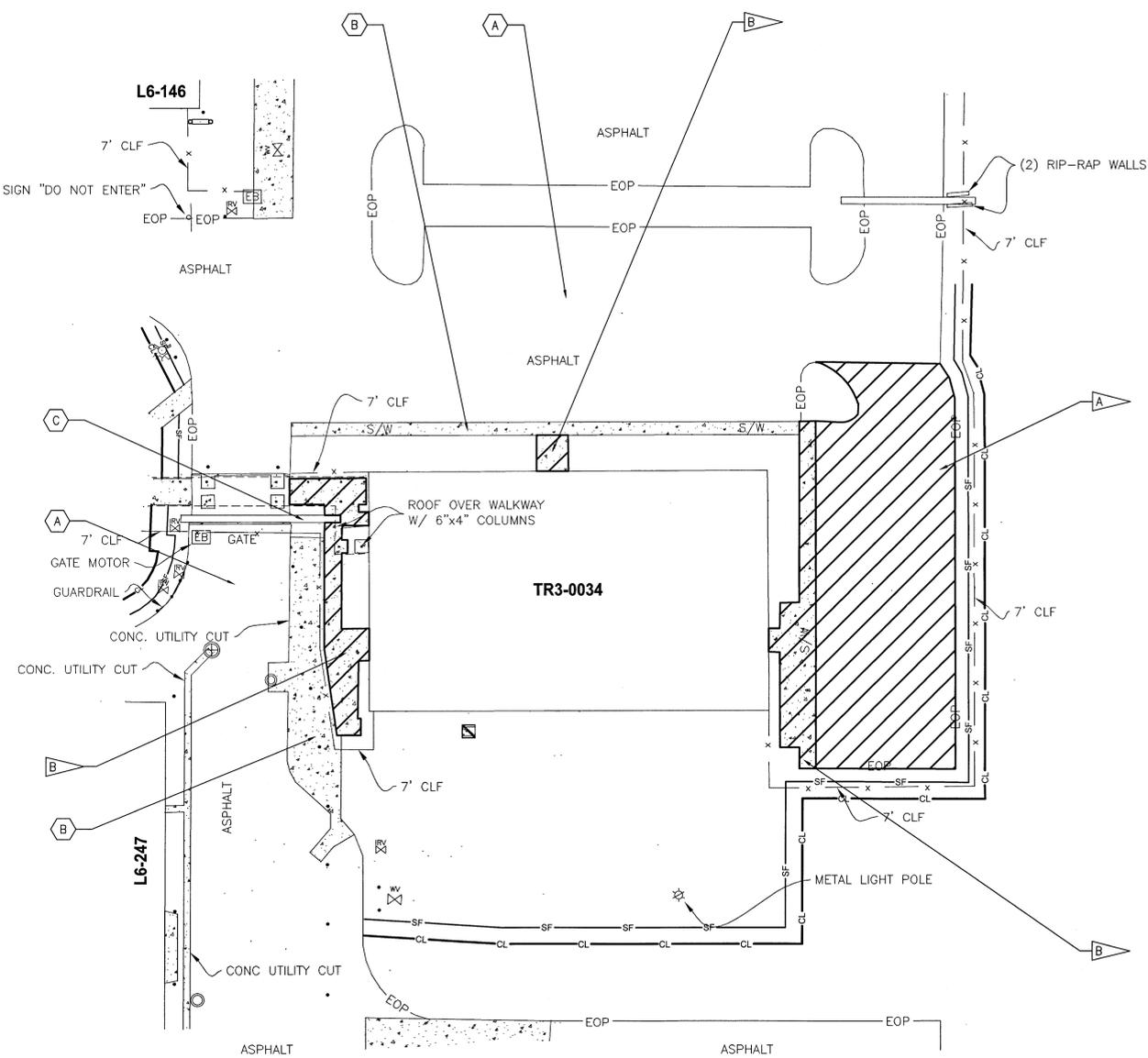
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED K. RIVERA	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5
SUBMITTED BELL	06/10/13	SITE PLAN BUILDING TR3-0034
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	
APPROVED S. OTERO	6/10/13	
S. OTERO	6.12.13	

D2	FILE NO.	SIZE	DWG. NO.	REV
		F	79K39393	
	PROJ. NO. 97963.9		SHEET 6	

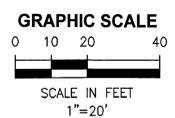
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- FLAG NOTES**
- A DEMOLISH ASPHALT PAVEMENT, CURBING, WHEEL STOPS, RAMPS, STEPS, HANDRAILS, AND CONCRETE PAVEMENT. SAWCUT EDGES OF PAVEMENT TO REMAIN.
 - B DEMOLISH CONCRETE PAVEMENT, RAMPS, STEPS, AND HANDRAILS. SAWCUT EDGES OF PAVEMENT TO REMAIN.

- TO REMAIN**
- A ASPHALT PAVEMENT
 - B CONCRETE PAVEMENT
 - C STORM TRENCH DRAIN



PAVEMENT PLAN BUILDING TR3-0034
1"=20'



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SIGNATURES		DATE		
DRAWN C. COFFEY		06/10/13		
CHECKED K. RIVERA		06/10/13		
SUBMITTED BELL		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. TORH		6/10/13		
I. OTERO		6.10.13		

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

CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5

PAVEMENT PLAN BUILDING TR3-0034

FILE NO.	SIZE F	DWG. NO. 79K39393	REV
PROJ. NO. 97963.9		SHEET 7	

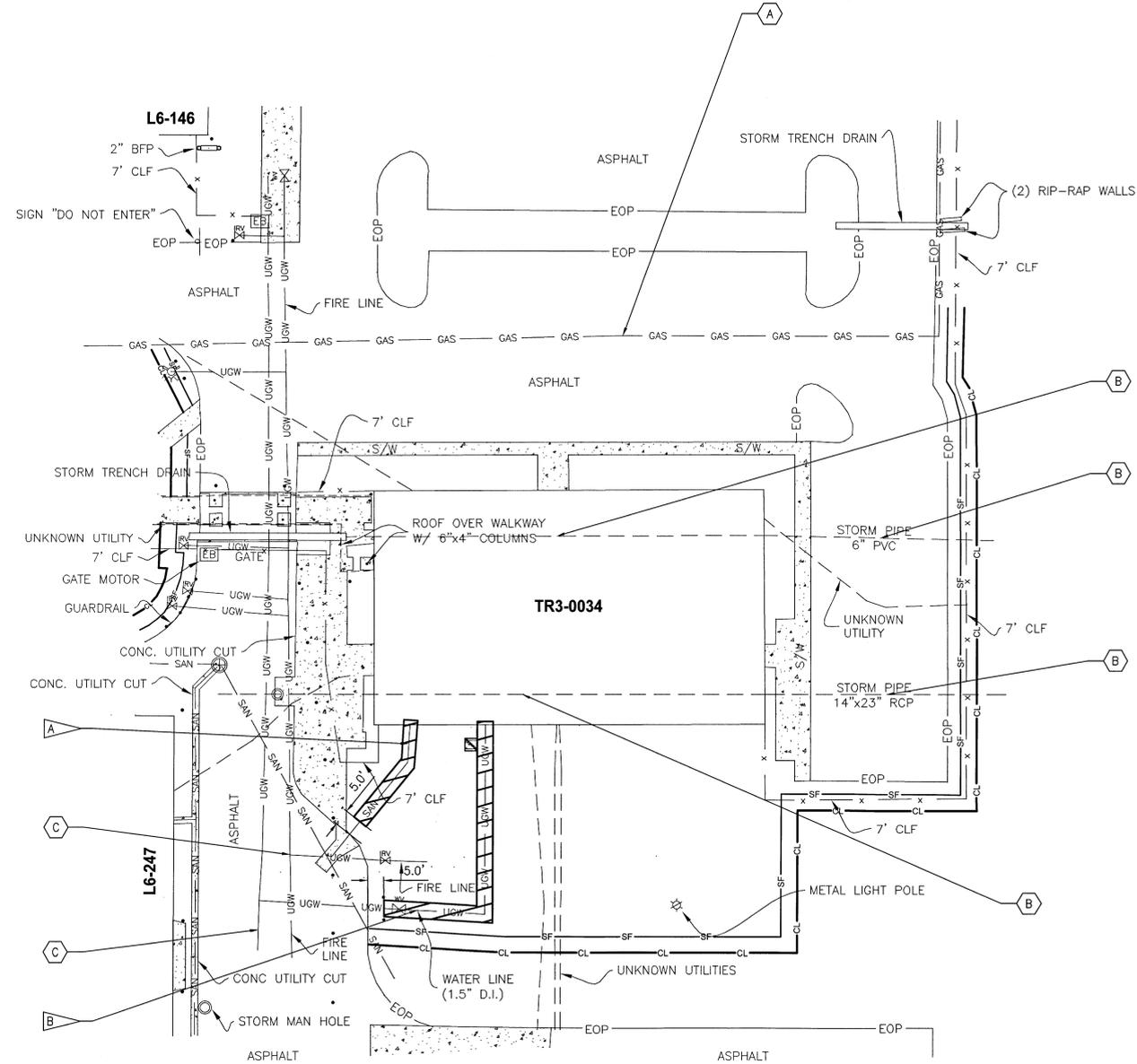
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FLAG NOTES

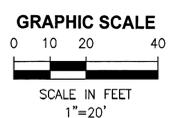
-  DEMOLISH SANITARY SEWER. CAP PIPE 5' FROM EDGE OF PAVEMENT. 
-  DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES. INSTALL RESTRAINED CAP 5' FROM EDGE OF PAVEMENT. 

TO REMAIN

-  GAS LINE
-  STORM SEWER PIPING
-  WATER MAINS



UTILITIES PLAN BUILDING TR3-0034
1"=20'



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DRAWN C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED K. RIVERA	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5		
SUBMITTED BELL	06/10/13	UTILITIES PLAN BUILDING TR3-0034		
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	FILE NO.	SIZE F	DWG. NO. 79K39393
APPROVED D. TOTI	6/10/13	PROJ. NO. 97963.9	SHEET 8	REV

D4

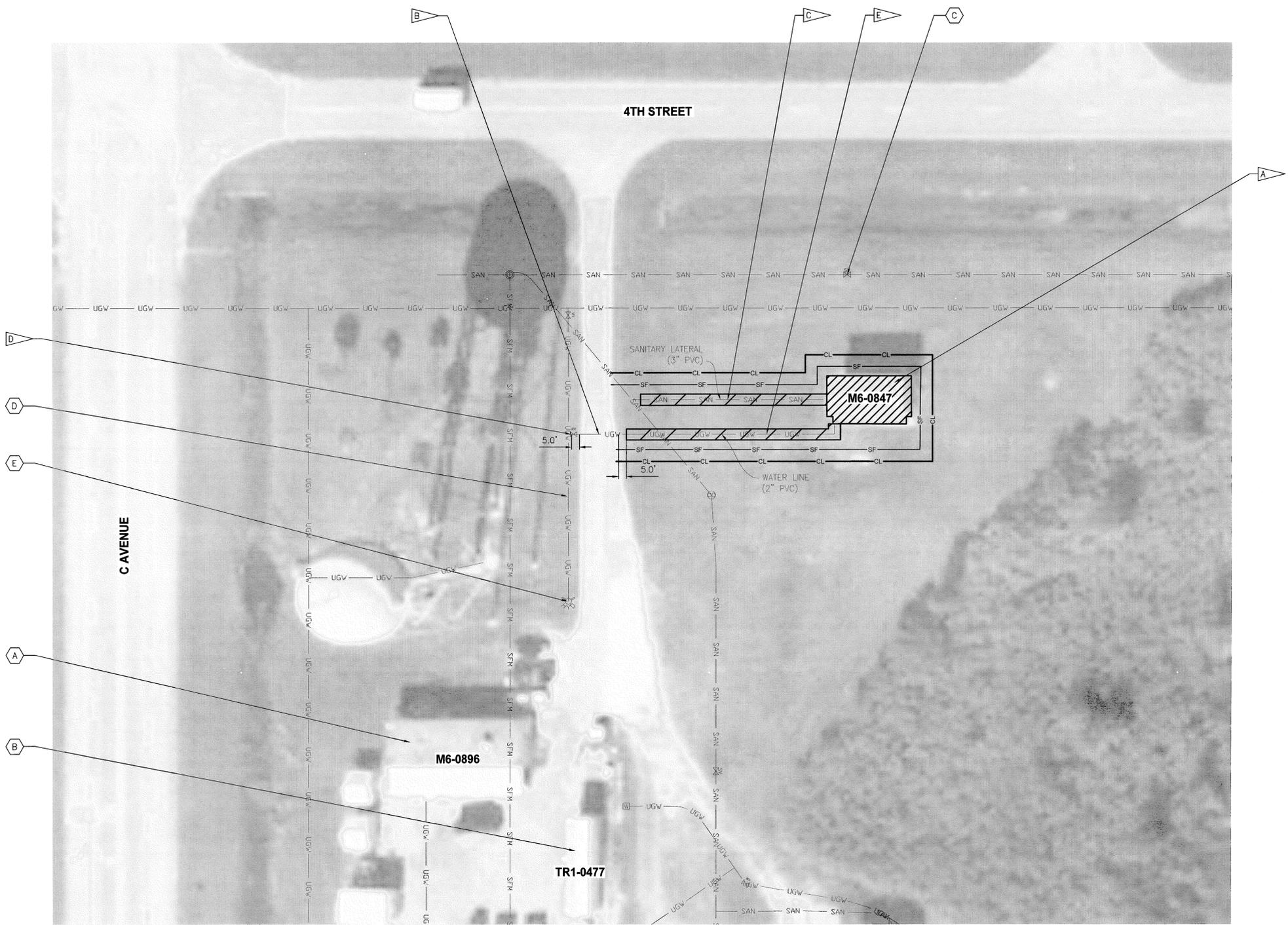
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FLAG NOTES

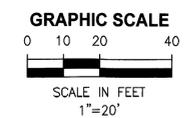
- A** DEMOLISH SILVER RECOVERY BUILDING (M6-0847), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES. (1 D10, 2 D10)
- B** ABANDON UTILITIES IN PLACE UNDER EXISTING ASPHALT AND CONCRETE PAVEMENT TO REMAIN. THE EXISTING UTILITY SHALL BE CUT 5" FROM EDGE OF PAVEMENT. THE ENTIRE LENGTH OF PIPE UNDER PAVEMENT SHALL BE FILLED WITH NON-SHRINK GROUT AND THE ENDS OF THE PIPE SHALL BE CAPPED. (1 D11)
- C** DEMOLISH SANITARY SEWER AND ASSOCIATED APPURTENANCES. INSTALL RESTRAINED CAP AT TEE. (1 D11)
- D** INSTALL RESTRAINED CAP AT TEE. (1 D11)
- E** DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES.

TO REMAIN

- A** BUILDING M6-0896
- B** BUILDING TR1-0477
- C** SEWER VALVE BOX
- D** WATER LINE
- E** FIRE HYDRANT



SITE AND UTILITIES PLAN BUILDING M6-0847
1"=20'



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REVISIONS				
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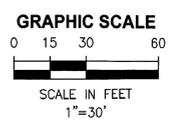
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA			
DRAWN C. COFFEY	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5 SITE AND UTILITIES PLAN BUILDING M6-0847			
CHECKED K. RIVERA	06/10/13				
SUBMITTED J. BELL	06/10/13				
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13				
APPROVED D. TOTH	6/10/13	FILE NO.	SIZE F	DWG. NO. 79K39393	REV
D. OTERO	6/22/13	PROJ. NO. 97963.9	SHEET 9		

D5

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SITE AND PAVEMENT PLAN BUILDING K7-2468
1"=30'



FLAG NOTES

- DEMOLISH SANDBLAST/PAINT FACILITY (K7-2468), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- DEMOLISH CONCRETE PAVEMENT. SAWCUT EDGES OF PAVEMENT TO REMAIN.
- BUILDING NO LONGER EXISTS

TO REMAIN

- FENCING AND SECURITY GATE

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REVISIONS				

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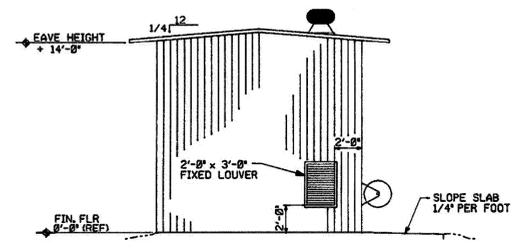
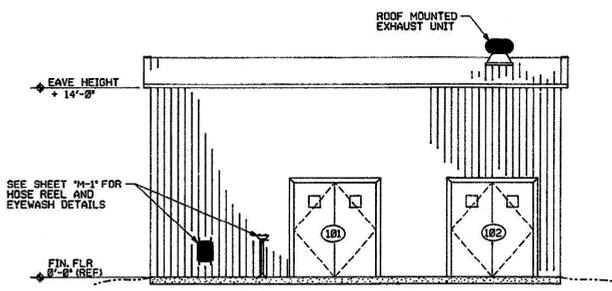
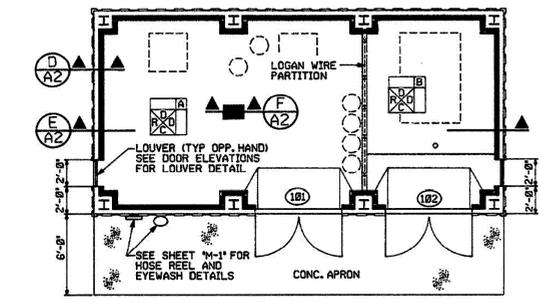
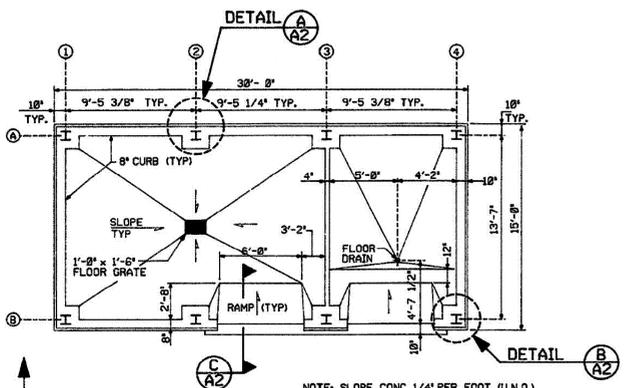
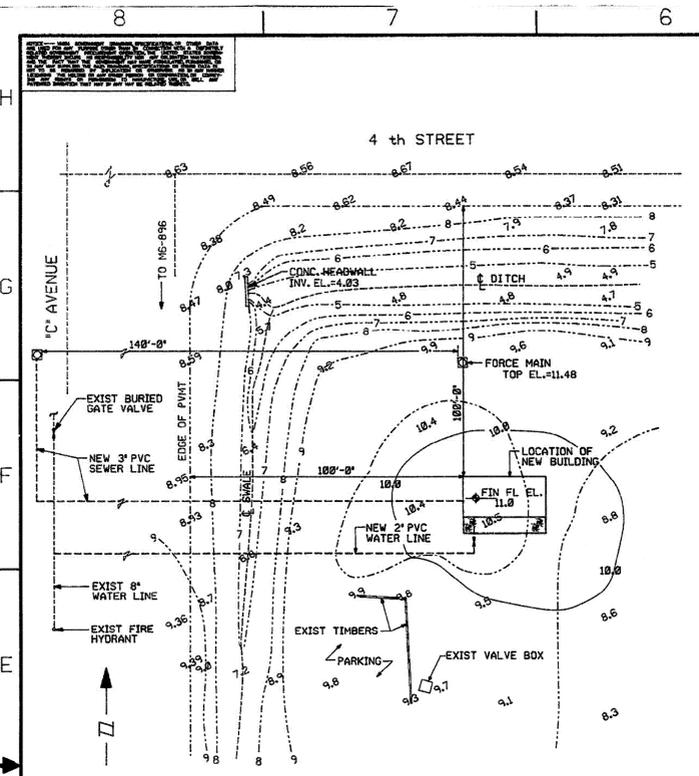


SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
DRAWN C. COFFEY	06/10/13	
CHECKED K. RIVERA	06/10/13	
SUBMITTED J. BELL	06/10/13	
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	
APPROVED D. TOTH	6/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5 SITE AND PAVEMENT PLAN BUILDING K7-2468
H. OTERO	6/10/13	

D6	FILE NO.	SIZE	DWG. NO.	REV
	PROJ. NO. 97963.9	F	79K39393	
			SHEET	10

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GENERAL NOTE
 THE CONTRACT DRAWINGS CONTAIN INFORMATION FROM EXISTING RECORD DRAWINGS RETRIEVED FROM SEVERAL PRIOR DESIGN PACKAGES. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THAT ACTUAL CONDITIONS MATCH THE CONTRACT DRAWINGS. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR REVIEWING AND CHECKING ALL INFORMATION CONTAINED IN THE CONTRACT DRAWINGS AND FOR ANY INTERPRETATION OR CONCLUSION DRAWN FROM THE INFORMATION PROVIDED.

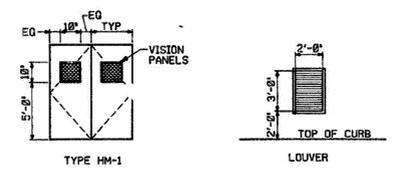


- NOTES:**
1. PROVIDE A METAL STUD BACKING FOR THE WALL-MOUNTED HOSE REEL.

DOOR SCHEDULE							
NO.	TYPE	DIMENSION	DOOR MAT'L	GLASS	FRAME MAT'L	HARDWARE	LOUVER
101	HM-1	6' x 7'	HOLLOW METAL	10"x10"	1/A2	1	---
102	HM-1	6' x 7'	HOLLOW METAL	10"x10"	1/A2	1	---

• SEE SPECIFICATIONS SECTION 13120, PART 2.5.1.8 FOR HARDWARE SCHEDULE

ROOM FINISH SYMBOL LEGEND		FINISH SCHEDULE ABBREVIATIONS	
ROOM NO.	CEILING HEIGHT	C	- CONCRETE EXPOSED
CEILING	GENERAL NOTES	D	- DRYWALL PAINTED
BASE	WALL FINISH	R	- RESILIENT BASE (4")
FLOORING			
CEILING HEIGHT			
A - 10' - 0"			
B - 11' - 0"			



SYM	ZONE	DESCRIPTION	DATE	APPROVED
SIGNATURES				
DATE				
DRAWN BY				
CHECKED				
ENGINEER				
SUBMITTED				
APPROVED				
DATE				
SIZE				
F 81K01618				
TITLE				
BRANCH MANAGER				
PROJ NO				
MPCN 116233				
SHEET 2 OF 5				

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C. COFFEY				
06/10/13				
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K. RIVERA				
06/10/13				
SUBMITTED				
BELL				
06/10/13				
ST of LICENSURE: FL				
LICENSE NO: 69033				
06/10/13				
APPROVED				
D. OTERO				
6/10/13				
TOTAL				
6/10/13				
D. OTERO				
6/10/13				

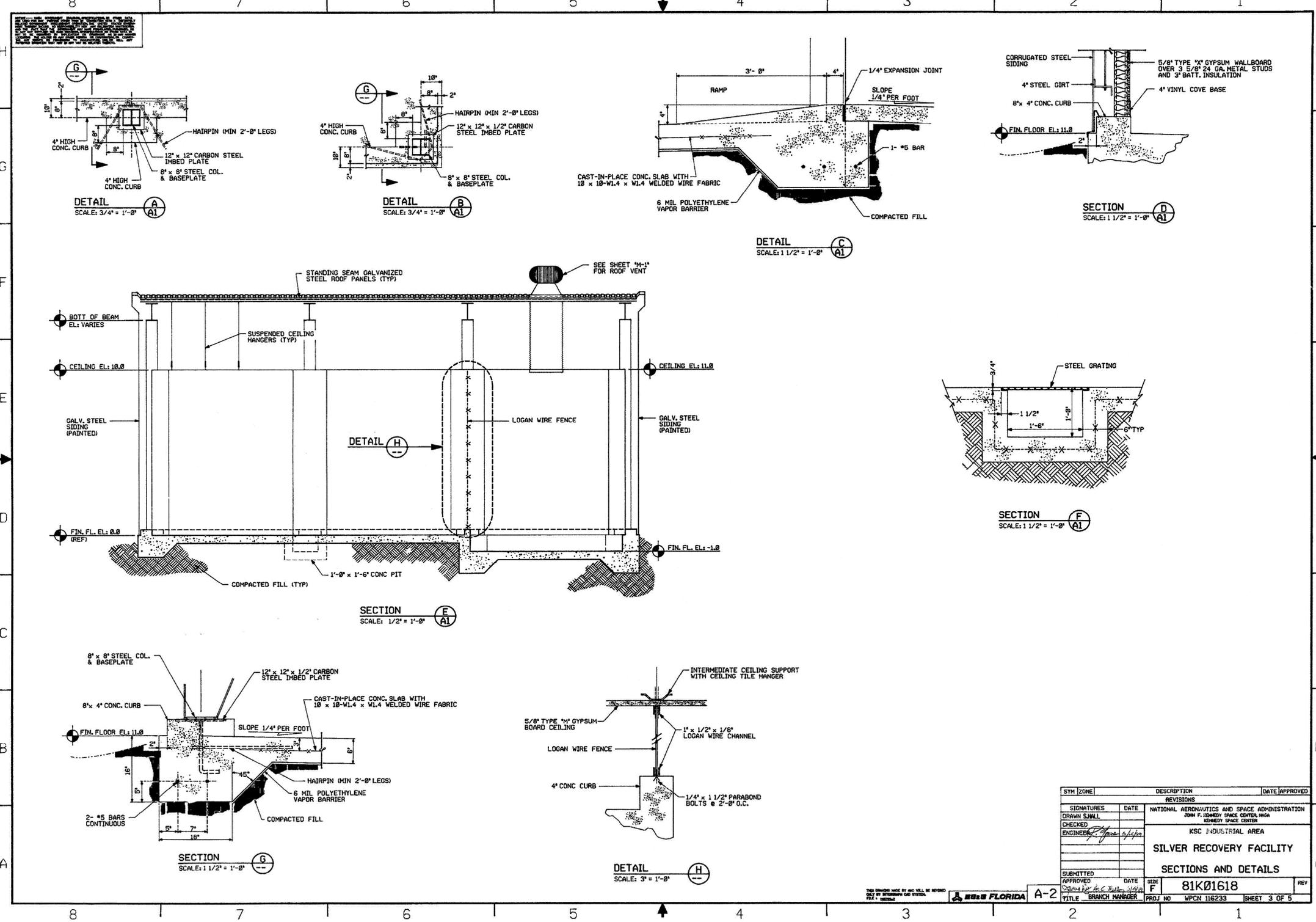
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 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES		DATE	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			
JOHN F. KENNEDY SPACE CENTER, NASA			
KENNEDY SPACE CENTER			
CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5			
BUILDING M6-0847 AS-BUILTS			
FILE NO.	SIZE	DWG. NO.	REV
D7	F	79K39393	
PROJ. NO. 97963.9	SHEET 11		

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GENERAL NOTE
 THE CONTRACT DRAWINGS CONTAIN INFORMATION FROM EXISTING RECORD DRAWINGS RETRIEVED FROM SEVERAL PRIOR DESIGN PACKAGES. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THAT ACTUAL CONDITIONS MATCH THE CONTRACT DRAWINGS. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR REVIEWING AND CHECKING ALL INFORMATION CONTAINED IN THE CONTRACT DRAWINGS AND FOR ANY INTERPRETATION OR CONCLUSION DRAWN FROM THE INFORMATION PROVIDED.



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REVISIONS				
SIGNATURES DATE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION				
DRAWN SHALL JOHN F. KENNEDY SPACE CENTER, NASA				
CHECKED K. RIVERA				
ENGINEER J. BELL				
SUBMITTED				
APPROVED DATE SIZE F 81K01618				
TITLE BRANCH MANAGER PROJ NO WPCN 116233 SHEET 3 OF 5				

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SIGNATURES		DATE		
DRAWN C. COFFEY		06/10/13		
CHECKED K. RIVERA		06/10/13		
SUBMITTED J. BELL		06/10/13		
ST of LICENSURE: FL		06/10/13		
LICENSE NO: 69033				
APPROVED D. TOTI		6/11/13		
L. OTERO		6.11.13		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5		
BUILDING M6-0847 AS-BUILTS				
FILE NO.	SIZE F	DWG. NO. 79K39393	REV	
PROJ. NO. 97963.9	SHEET 12			

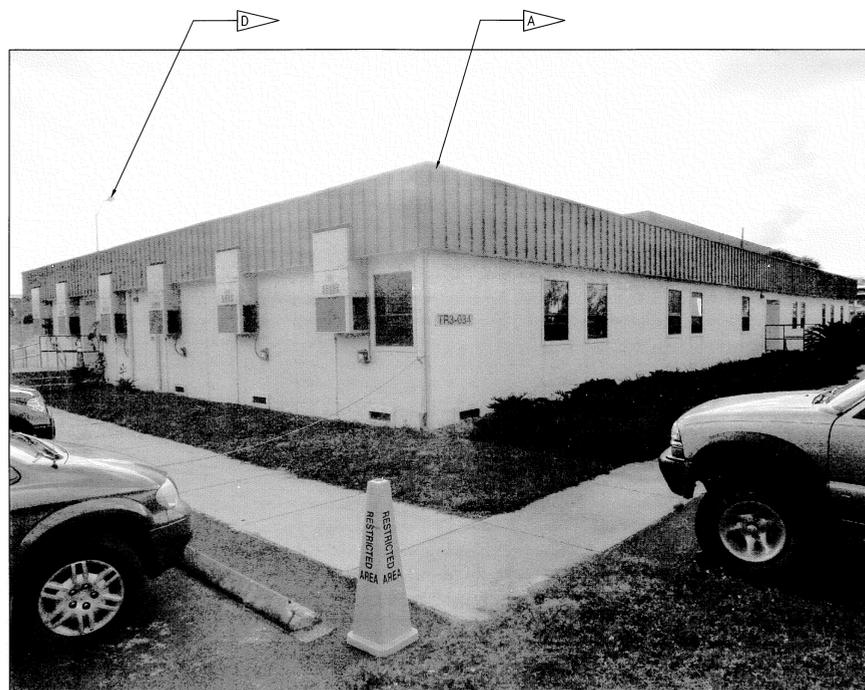
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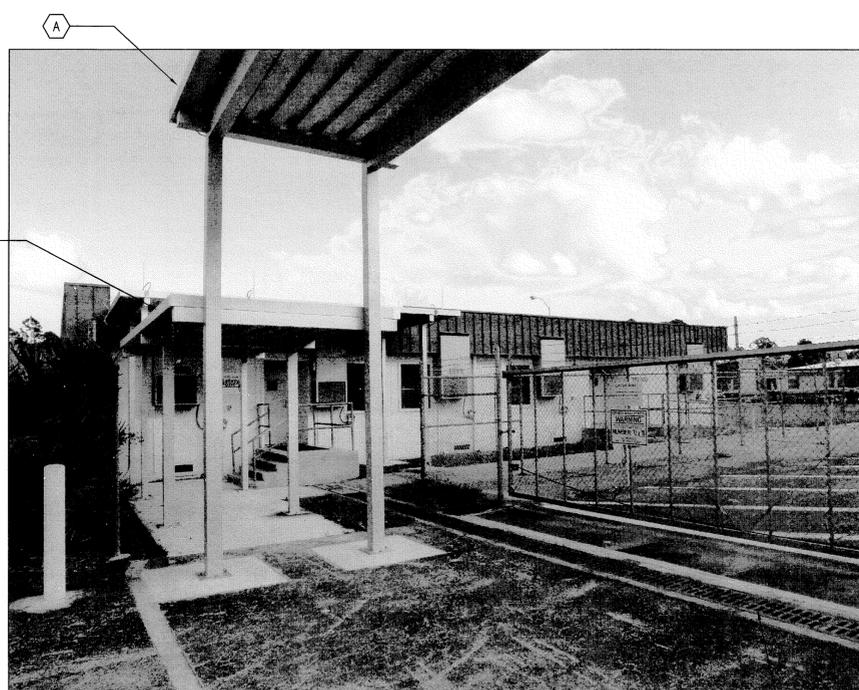
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- FLAG NOTES**
- A DEMOLISH MODULAR OFFICE (TR3-0034), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
 - B DEMOLISH ALUMINUM CANOPY, COLUMNS, AND ASSOCIATED APPURTENANCES
 - C DEMOLISH CHAIN LINK FENCE, POSTS, FOUNDATIONS, AND ASSOCIATED APPURTENANCES
 - D DEMOLISH METAL LIGHT POLE AND ASSOCIATED APPURTENANCES

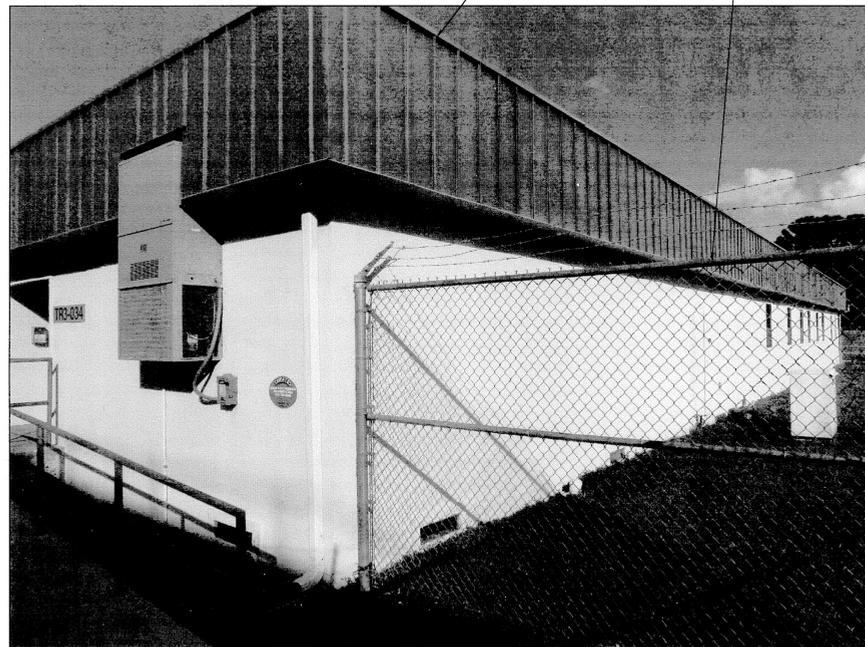
- TO REMAIN**
- A ALUMINUM CANOPY - SEE TR3-0034 CANOPY PLAN ON SHEET D11.
 - B STORM TRENCH DRAIN



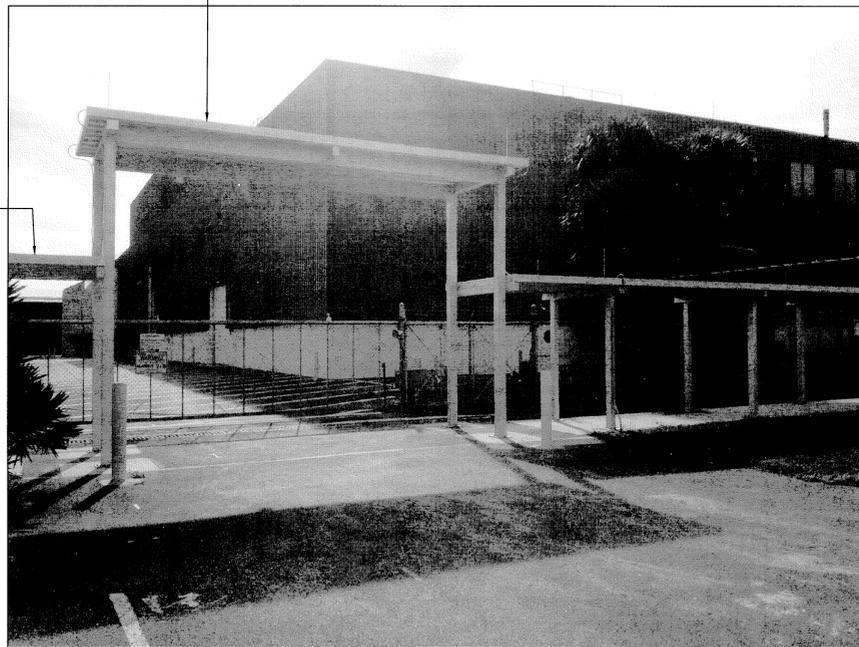
TR3-0034 1
NTS D2



TR3-0034 2
NTS D2



TR3-0034 3
NTS D2



ALUMINUM CANOPY 4
NTS D2

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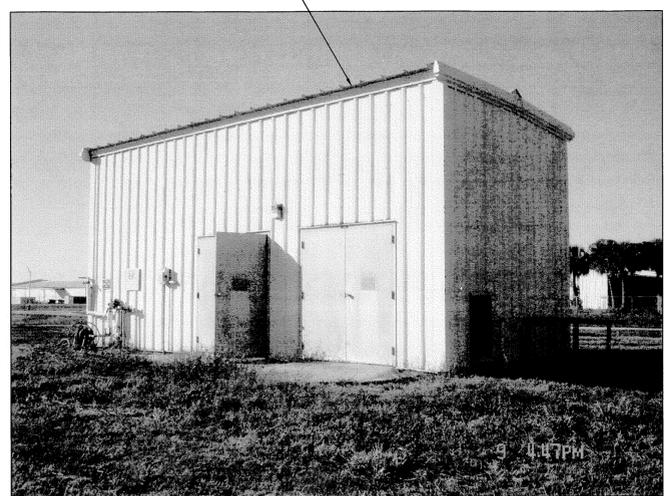


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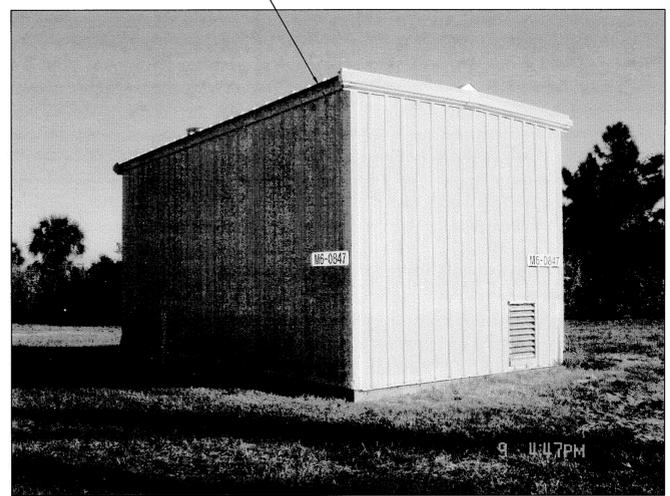
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			
DRAWN C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA			
CHECKED K. RIVERA	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5			
SUBMITTED BELL	06/10/13				
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	BUILDING TR3-0034 PHOTOS			
APPROVED J. TOTI	6-12-13				
J. OTERO	6-12-13	FILE NO.	SIZE F	DWG. NO. 79K39393	REV
D9		PROJ. NO. 87963.9	SHEET 13		

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- FLAG NOTES**
- A DEMOLISH SILVER RECOVERY BUILDING (M6-0847), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
 - B DEMOLISH SANDBLAST/PAINT FACILITY (K7-2468), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES



M6-0847 1
NTS D5



M6-0847 2
NTS D5



K7-2468 3
NTS D6



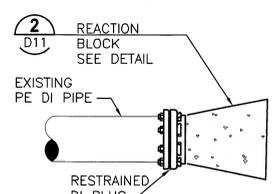
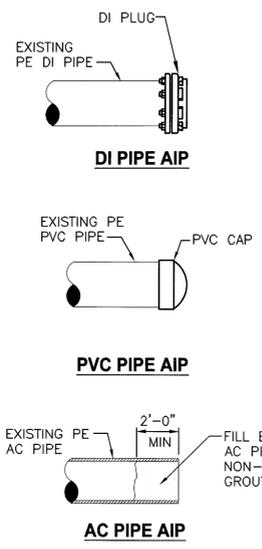
K7-2468 4
NTS D6

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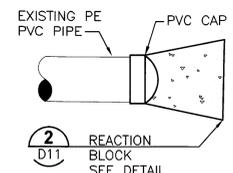
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SIGNATURES		DATE		
DRAWN		NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
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CHECKED		CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5		
K. RIVERA		BUILDINGS M6-0847 & K7-2468 PHOTOS		
SUBMITTED		FILE NO.		
J. BELL		SIZE DWG. NO.		
ST of LICENSURE: FL		F 79K39393		
LICENSE No: 69033		REV		
APPROVED		D10		
D. TOTI		PROJ. NO. 97963.9		
I. OTERO		SHEET 14		

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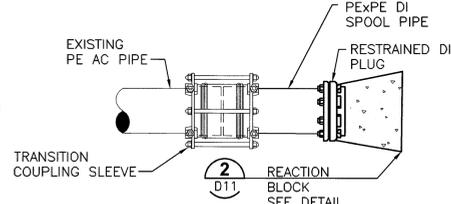
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DI PIPE IN SERVICE

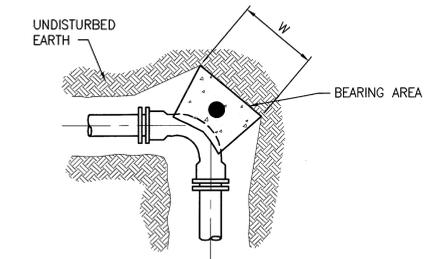


PVC PIPE IN SERVICE

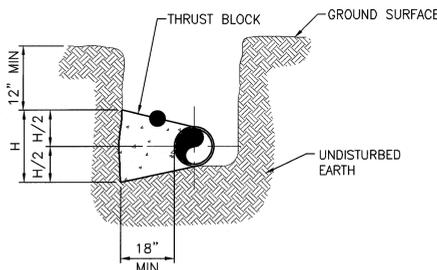


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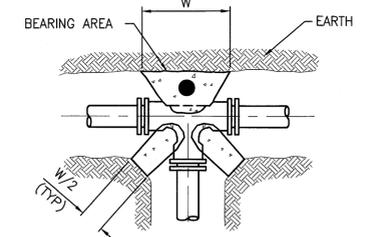
TYPICAL PIPE CAP DETAIL
NTS D4,D5



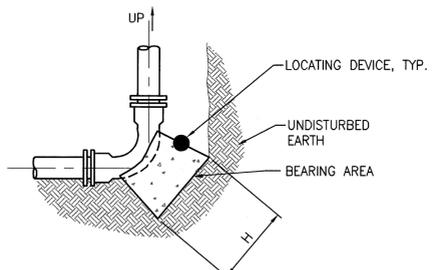
BENDS PLAN



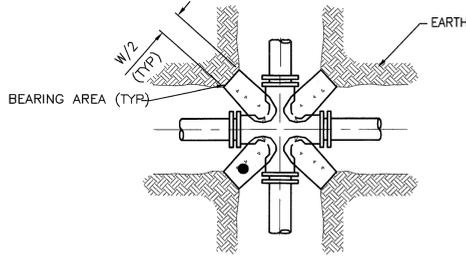
ILLUSTRATIVE SECTION



TEE PLAN



BENDS IN SECTION



CROSS PLAN

REACTION BLOCK BEARING AREA DIMENSIONS					
FITTING	11 1/4' BEND	22 1/2' BEND	45' BEND	90' BEND	TEE/CROSS/PLUGS/CAPS
SIZE (in)	H x W (in)	H x W (in)	H x W (in)	H x W (in)	H x W (in)
4	11x11	15x15	20x20	28x28	23x23
6	15x15	21x21	29x29	40x40	33x33
8	20x20	27x27	38x38	52x52	44x44
10	24x24	33x33	47x47	63x63	53x53
12	28x28	40x40	55x55	75x75	63x63
14	33x33	46x46	64x64	87x87	73x73
16	37x37	52x52	73x73	99x99	83x83
18	42x42	58x58	82x82	111x111	93x93
24	55x55	77x77	108x108	146x146	123x123

REACTION BLOCK NOTES

- A. BASED ON 150 PSI PRESSURE & 1500 PSF SOIL BEARING VALUE, 2.0 SAFETY FACTOR, WATER TABLE BELOW THE THRUST BLOCK, VERTICAL BLOCK FACE, AND A MINIMUM THICKNESS OF 18 INCHES.
- B. BEARING AREAS FOR PLUGS SHALL BE THE SAME AS FOR TEES.
- C. FORM REACTION BLOCKS TO KEEP CONCRETE CLEAR OF JOINTS AND BOLTS.
- D. REQUIRED REACTION BLOCK BEARING AREA SHALL BE PLACED AGAINST UNDISTURBED MATERIAL. WHERE TRENCH WALL HAS BEEN DISTURBED, EXCAVATE ALL LOOSE MATERIAL AND EXTEND REACTION BLOCK TO UNDISTURBED MATERIAL.
- E. PLACE PRESSURE TREATED WOOD BOARDS IN FRONT OF PLUG, AT TEE, CROSS OR END OF PIPE BEFORE POURING CONCRETE REACTION BLOCK.
- F. BACKFILL SHALL CONSIST ENTIRELY OF CLEAN SAND AND ROCK FRAGMENTS. ANY MUCK ENCOUNTERED SHALL BE REPLACED WITH BACKFILL COMPACTED TO 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY, ASTM D1557.
- G. CONTRACTOR TO OBTAIN LOCATING DEVICES AND TO EMBED THE DEVICE INTO THE TOP SURFACE ON THE THRUST BLOCK SUCH THAT HALF THE DEVICE IS EXPOSED AND THE LOCATION IS AT THE CENTROID OF THE THRUST BLOCK TOP SURFACE AREA. THE LOCATING DEVICES SHALL BE OMNI MARKER MODEL 161 WATER MARKER OR APPROVED EQUAL.

TYPICAL REACTION BLOCK (THRUST BLOCK) DETAILS
NTS D11



TR3-0034 CANOPY PLAN
NTS D2

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SIGNATURES		DATE		
DRAWN	C. COFFEY	06/10/13		
CHECKED	K. RIVERA	06/10/13		
SUBMITTED	F. BELL	06/10/13		
STATE OF LICENSURE: FL		06/10/13		
LICENSE NO: 69033		06/10/13		
APPROVED		06/10/13		
D. TOTH		06/10/13		
I. OTERO		06/10/13		

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JOHN F. KENNEDY SPACE CENTER, NASA
KENNEDY SPACE CENTER, FLORIDA

CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5

DETAILS

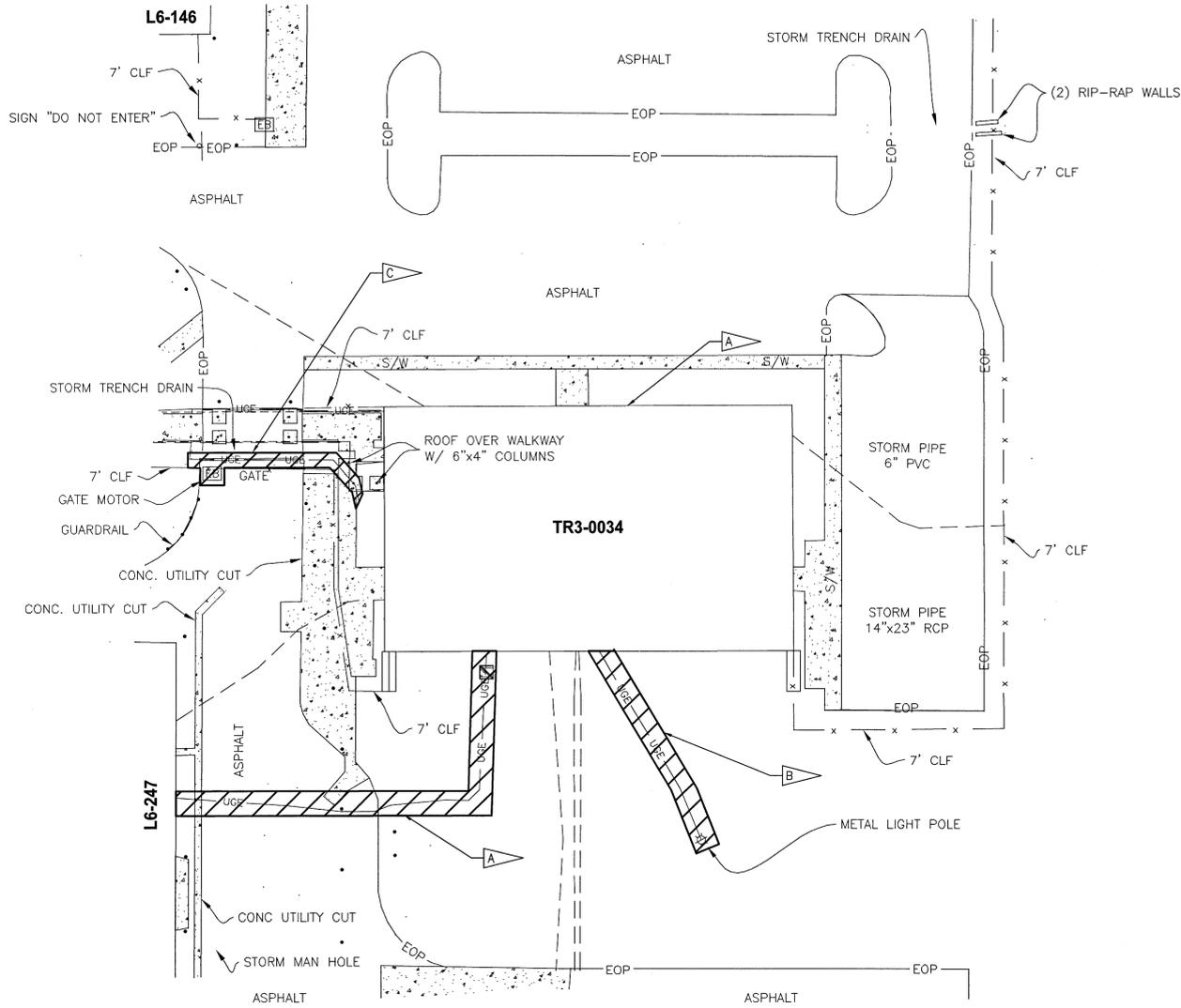
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D11	F	79K39393	

PROJ. NO. 97863.9 SHEET 15

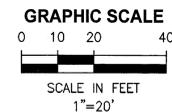
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FLAG NOTES

- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT MODULAR OFFICE (TR3-0034), INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CIRCUIT 11 FROM PANEL DP1 TO PANEL SUBSTATION SS114.
- B DEMOLISH ALL ELECTRICAL EQUIPMENT FOR SITE LIGHTING INCLUDING BUT NOT LIMITED TO ALL CONDUIT, CONDUCTORS, LIGHT FIXTURE, AND POLE. 1
E4
- C DEMOLISH GATE MOTOR ALONG WITH ELECTRICAL FEEDER CIRCUIT FROM TR3-0034 INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT.



ELECTRICAL SITE PLAN BUILDING TR3-0034
1"=20'



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CHECKED R. CHRUSZCZ	06/10/13		
SUBMITTED [Signature]	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5	
ST of LICENSURE: FL LICENSE NO: 48898	06/10/13		
APPROVED D. TOTH [Signature]	6/10/13	ELECTRICAL SITE PLAN BUILDING TR3-0034	
I. OTERO [Signature]	6.12.13		
FILE NO.		SIZE DWG. NO.	REV
PROJ. NO. 97963.9		F 79K39393	SHEET 18

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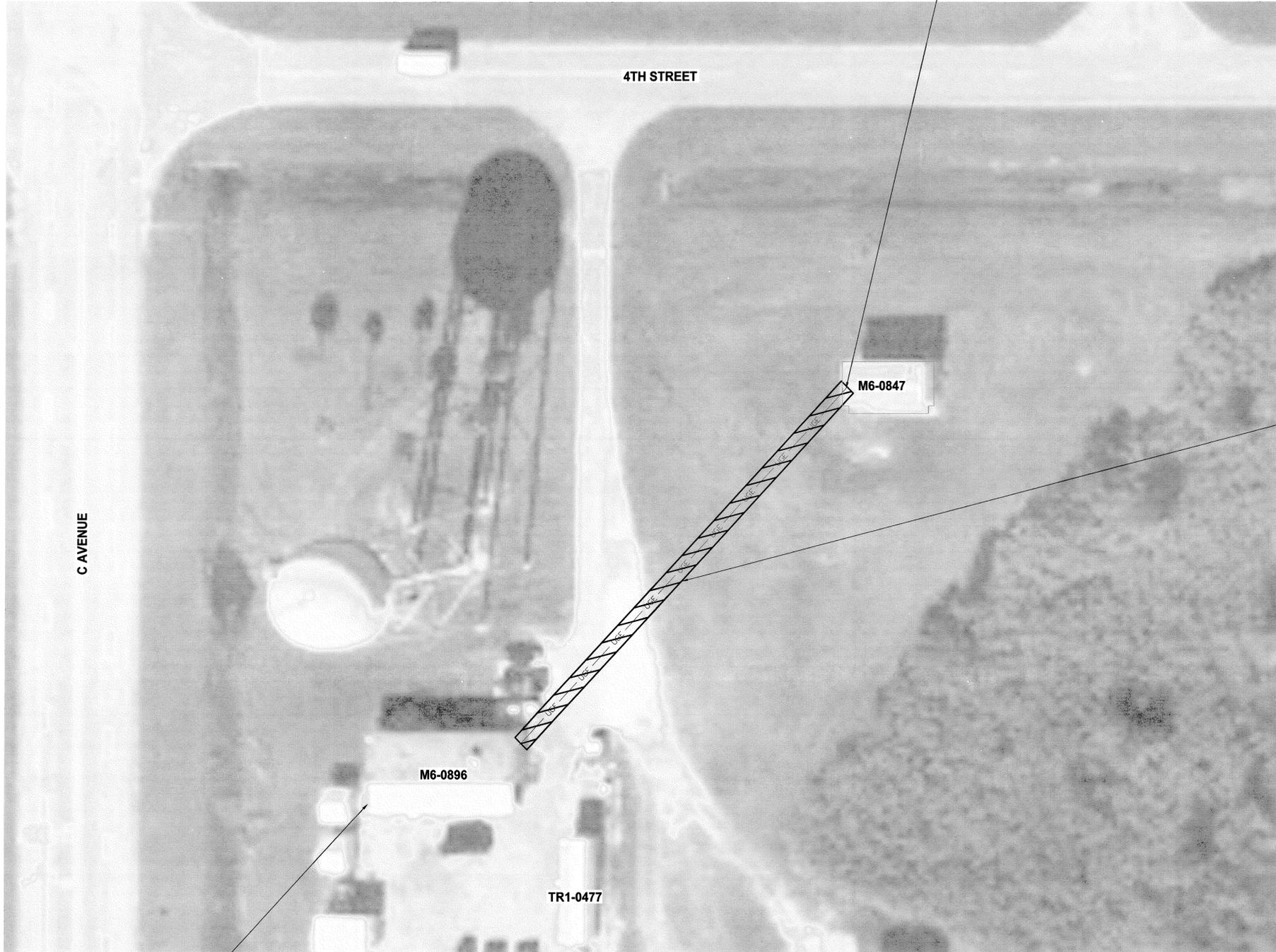
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FLAG NOTES

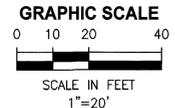
- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT SILVER RECOVERY BUILDING (M6-0847), INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH CIRCUITS TO 45KVA TRANSFORMER T1 LOCATED IN M6-0896, AND MDP-FD1 LOCATED IN M6-0896.
- B DEMOLISH DISCONNECT SWITCH INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. 2
E4

TO REMAIN

- A BUILDING M6-0896



ELECTRICAL SITE PLAN BUILDING M6-0847
1"=20'



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SIGNATURES		DATE		
DRAWN L. MILLER		06/10/13		
CHECKED R. CHRUSZCZ		06/10/13		
SUBMITTED <i>[Signature]</i>		06/10/13		
M. CLAR ST of LICENSURE: FL LICENSE No: 48898		06/10/13		
APPROVED D. TOTH <i>[Signature]</i>		6/10/13		
I. OTERO <i>[Signature]</i>		6.12.13		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION <small>JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA</small>				
CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 5 ELECTRICAL SITE PLAN BUILDING M6-0847				
FILE NO.		SIZE	DWG. NO.	REV
PROJ. NO. 97963.9		F	79K39393	
			SHEET	19

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FLAG NOTES

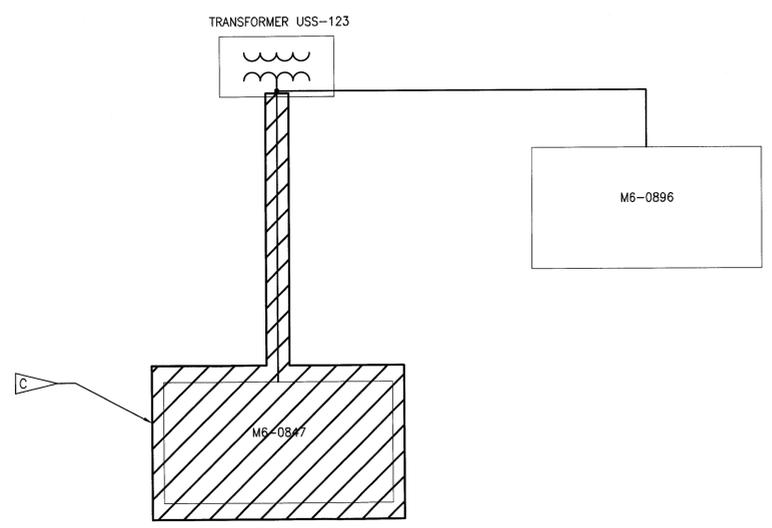
- A** THE CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT FOR SITE LIGHTING INCLUDING BUT NOT LIMITED TO ALL CONDUIT, CONDUCTORS, LIGHT FIXTURE, AND POLE.
- B** DEMOLISH DISCONNECT SWITCH INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT.



LIGHT POLE TO BE DEMOLISHED 1
NTS E2



ELECTRICAL DISCONNECT SWITCH ON SIDE OF M6-0847 2
NTS E3



ELECTRICAL ONE LINE DIAGRAM M6-0847

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SUBMITTED	<i>[Signature]</i>	06/10/13				
ST of LICENSURE: FL		06/10/13	BUILDINGS TR3-0034 & M6-0847 PHOTOS, ELECTRICAL ONE-LINE M6-0847			
LICENSE NO: 48898		06/10/13				
APPROVED	<i>[Signature]</i>	6/10/13	FILE NO.	SIZE	DWG. NO.	REV
D. TOTH				F	79K39393	
I. OTERO		6.11.13	PROJ. NO. 97963.9	SHEET		20 OF 20