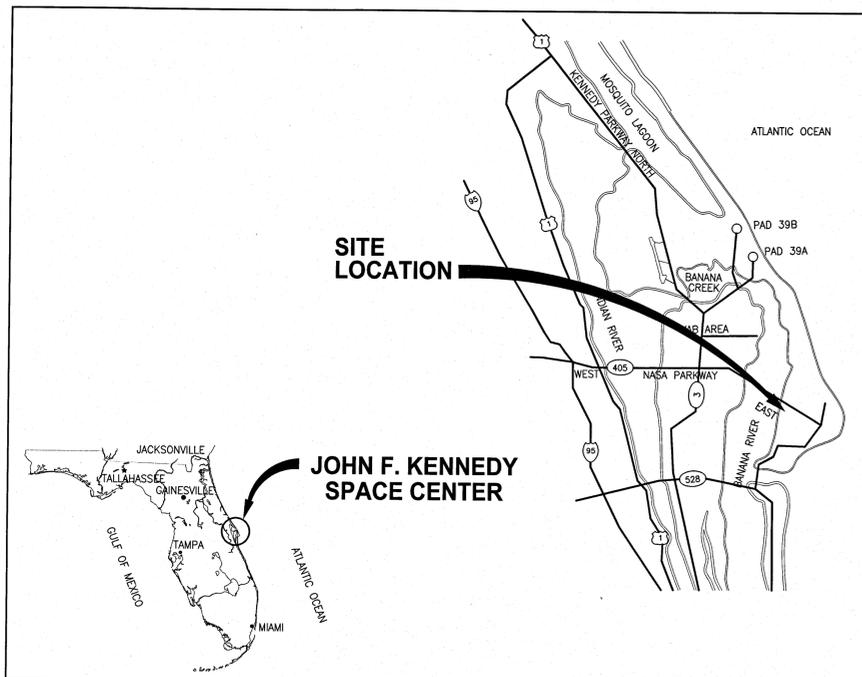


# CLOSE/DEMO FACILITIES & STRUCTURES, VARIOUS LOCATIONS, PCN 97963.9, PACKAGE 3

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**VICINITY MAP**  
NTS

Facility #	Facility Name
66200	Paint Storage Building
66220	Institutional Storage Facility
66221	Institutional Storage Facility
60628	POL Shelter
60630	POL Facility
66237	Hazardous Waste Staging Shelter
66238	Hazardous Waste Staging Shelter
66242	First Wash Building
66249	Thrust Vector Control Deservicing
66259	Equipment Building
66266	Drum Storage
66320	Robot Wash
66241	Deionized Water Tank
66246	Contaminated Water Tank
66256	Waste Water Tank
66267	Tank Farm Area

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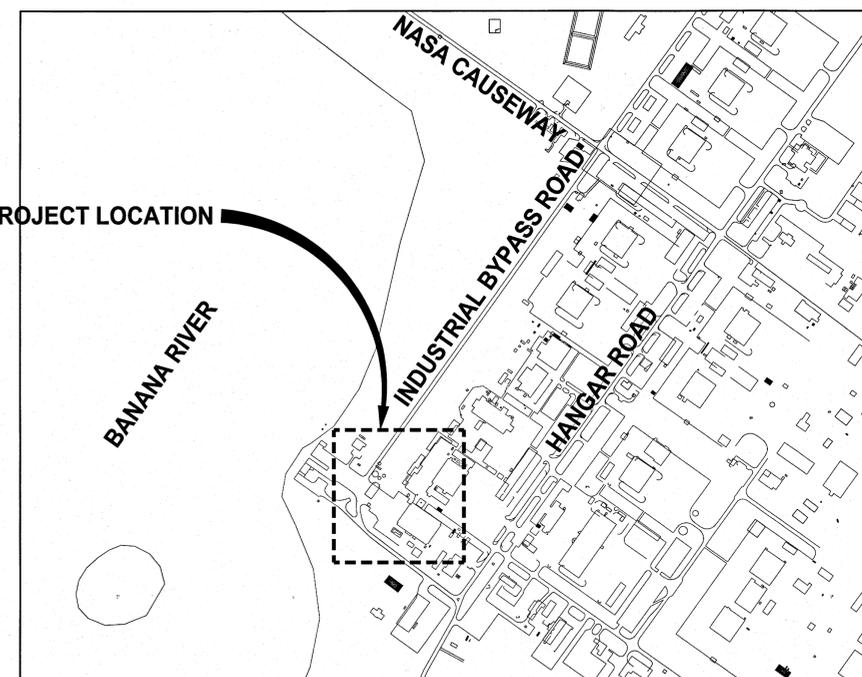
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SUBMITTED BELL	06/10/13
APPROVED D. TOTI	06/10/13
<i>William R. Schroeder</i>	6/12/13
W. SCHROEDER	6/12/13

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
JOHN F. KENNEDY SPACE CENTER, NASA  
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**CLOSE/DEMOLISH FACILITIES AND  
STRUCTURES, VARIOUS LOCATIONS,  
PACKAGE 3**

**COVER SHEET**

FILE NO.	SIZE	DWG. NO.	REV
	F	79K39391	

PROJ. NO. 97963.9 SHEET 1 OF 74

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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
- 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
- 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
- HMID 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
- PIV POST INDICATOR VALVE
- POC POINT OF CONTACT
- POE 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**

- MATCH LINE
- DEMOLITION AREA
- SILT FENCE
- CLEARING LIMITS
- TURBIDITY BARRIER
- RIBBON CURB

**SURVEY LEGEND**

- |  |                              |  |                                     |
|--|------------------------------|--|-------------------------------------|
|  | = BACK-FLOW PREVENTER        |  | = BUILDING                          |
|  | = BOLLARD                    |  | = BUILDING (ROOF OVERHANG)          |
|  | = CURB INLET, STORM GRATE    |  | = CENTERLINE                        |
|  | = CONCRETE LIGHT POLE        |  | = CONCRETE                          |
|  | = CLEAN-OUT (SANITARY)       |  | = CURB                              |
|  | = CONCRETE POWER POLE        |  | = EDGE OF PAVEMENT                  |
|  | = ELECTRIC MARKER            |  | = EDGE OF ROAD                      |
|  | = ELECTRIC BOX               |  | = FENCELINE                         |
|  | = ELECTRIC HANDHOLE          |  | = HIGH TEMPERATURE HOT WATER        |
|  | = ELECTRIC METER             |  | = TREELINE                          |
|  | = ELECTRIC MANHOLE           |  | = WALL                              |
|  | = ELECTRIC TRANSFORMER       |  | = BREAKLINE                         |
|  | = FIRE DEPARTMENT CONNECTION |  | = CENTERLINE DITCH                  |
|  | = FIRE METER                 |  | = TOE OF SLOPE                      |
|  | = FIBER OPTIC CABLE MARKER   |  | = TOP OF BANK                       |
|  | = FIBER OPTIC CABLE HANDHOLE |  | = UNDERGROUND CABLE TV              |
|  | = GAS MARKER                 |  | = UNDERGROUND ELECTRIC              |
|  | = GAS METER                  |  | = UNDERGROUND FIBER OPTIC CABLE     |
|  | = GUY                        |  | = UNDERGROUND UNKNOWN UTILITY       |
|  | = GAS VALVE                  |  | = UNDERGROUND GAS                   |
|  | = HYDRANT                    |  | = RAILROAD                          |
|  | = INDICATOR VALVE            |  | = SANITARY SEWER                    |
|  | = LIGHT POLE                 |  | = SANITARY FORCEMAIN                |
|  | = MANHOLE, UNKNOWN           |  | = SITE FEATURE                      |
|  | = MANHOLE, SANITARY SEWER    |  | = STORM SEWER                       |
|  | = MANHOLE, STORM SEWER       |  | = UNDERGROUND TELEPHONE             |
|  | = MONITORING WELL            |  | = UNDERGROUND WATER                 |
|  | = STORM GRATE                |  | = UNDERGROUND CHILLED WATER         |
|  | = SIGN                       |  | = PAVEMENT STRIPING (WHITE DASHED)  |
|  | = SEWER VALVE                |  | = PAVEMENT STRIPING (WHITE SOLID)   |
|  | = SPRINKLER HEAD             |  | = PAVEMENT STRIPING (YELLOW DASHED) |
|  | = TELEPHONE HANDHOLE         |  | = PAVEMENT STRIPING (YELLOW SOLID)  |
|  | = TELEPHONE BOX              |  | = PAVEMENT STRIPING (BLUE SOLID)    |
|  | = 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            |  |                                     |

**DRAWING INDEX**

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6	C2		STORMWATER POLLUTION PREVENTION PLAN DETAILS AND FORM
7	C3		STORMWATER POLLUTION PREVENTION PLAN
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40	D33		BUILDING 66320 AS-BUILTS
41	D34		BUILDING 66320 AS-BUILTS
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BANANA RIVER

INDUSTRIAL BYPASS ROAD

HANGAR AM

HANGAR AE

HANGAR S

HANGAR ROAD

HANGAR AF

66249, 66266 & 66267

66220 & 66221

66200, 66237 & 66238

66241, 66242, 66246,  
66259 & 66256

60628 & 60630

66320

66330

KEY MAP  
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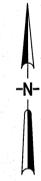
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SUBMITTED J. BELL	06/10/13	
APPROVED I. OTERO	6/12/13	<b>KEY MAP</b>
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		SIZE DWG. NO. <b>F 79K39391</b>
		REV
V3		PROJ. NO. 97963.9
		SHEET 3



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PCB PAINT SCHEDULE			
FACILITY	LOCATION	DESCRIPTION	CONCENTRATION
			(PPM)
60630	GRAY PAINT ON SUPPORT BEAMS	GRAY	0.036 U
66220	INTERIOR CREAM PAINT ON METAL BEAMS	INT. CREAM	0.065
66220	BEIGE PAINT ON METAL SUPPORT BEAMS IN WEST ANNEX	BEIGE	0.77
66220	CREAM PAINT ON CORRUGATED METAL CEILING	CREAM	0.25
66220	OFF-WHITE PAINT ON METAL SUPPORT BEAMS IN WEST ANNEX	OFF-WHITE	0.25
66220	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	>50*
66242	BEIGE PAINT ON METAL SUPPORT BEAMS, POLES AND PIPES IN COVERED EQUIPMENT AREA	BEIGE	0.036 U
66242	GRAY PAINT ON PIPING IN COVERED EQUIPMENT AREA	GRAY	0.036 U
66242	CREAM PAINT ON PIPING INSIDE HIGH BAYS AND MECHANICAL ROOMS	CREAM	0.036 U
66242	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	>50*
66246	LIGHT GRAY PAINT OVER RED ON WATER TANK	LIGHT GRAY/RED	0.036 U
66249	CREAM PAINT ON WALLS, SUPPORT BEAMS AND PIPING	INT. CREAM	0.036 U
66249	YELLOW PAINT ON SUPPORT BEAMS AND PIPING	YELLOW	0.036 U
66249	OFF-WHITE PAINT ON WALLS, SUPPORT BEAMS AND PIPING	OFF-WHITE	0.036 U
66249	WHITE PAINT ON ROLL-UP METAL DOORS	WHITE	0.036 U
66249	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	<50*
66259	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	>50*
66320	ELECTRICAL EQUIPMENT	ELECTRICAL EQUIPMENT	<50*
66320	BLUE PAINT ON METAL TURN TABLE IN WASH BAY	BLUE	1.1 U
66320	WHITE PAINT ON METAL BEAMS AND PIPE SUPPORTS	WHITE	0.036 U

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 66220, 66242, AND 66259 WAS INSTALLED BEFORE 1980 AND ARE ASSUMED TO CONTAIN PCBs AT CONCENTRATIONS > 50 PPM. ELECTRICAL EQUIPMENT AT FACILITIES 66249 AND 66320 WAS INSTALLED AFTER 1980 AND PCB CONCENTRATIONS <50 PPM ARE BASED ON GENERATOR KNOWLEDGE.
- U - INDICATES THAT THE PCB COMPOUNDS WERE ANALYZED FOR BUT NOT DETECTED. THE NUMBER REPORTED REPRESENTS HALF OF THE SUM OF THE LABORATORY DETECTION LIMITS.

**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 AIR FORCE INSTALLATION RESTORATION PROGRAM (IRP). KNOWN SWMU SITES INCLUDE: SWMU #CC058 (FACILITIES 60628, 60629, 60630, 66242, 66249, 66259, 66266, 66320, 66241, 66246, 66256, AND 66267) AND SWMU #C059 (FACILITIES 66200, 66220, 66230, AND 66246). 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 THIS 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 DARCY 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 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.

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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<small>730 NIE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 289-2950</small>				
SIGNATURES		DATE		
DRAWN S. HAFERKAMP			06/10/13	
CHECKED M. HAYS			06/10/13	
SUBMITTED <i>[Signature]</i> M. HAYS			06/10/13	
ST of LICENSURE: FL LICENSE NO: 65681		06/10/13		
APPROVED <i>[Signature]</i> D. 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 3  ENVIRONMENTAL AND ASBESTOS NOTES AND SCHEDULES		
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NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever...

OWNERS 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: PRE-CONSTRUCTION - 0.66 DURING CONSTRUCTION - 0.40 POST-CONSTRUCTION - 0.14

SOILS:

SITE MAPS: SEE ATTACHED C SHEETS FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES. SEE GENERAL NOTES AND SPECIFICATIONS FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.

SITE AREA: TOTAL AREA OF SITES - ± 2.50 ACRES TOTAL AREA TO BE DISTURBED - 1.75 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 IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION.

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. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

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. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREA WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.

- 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 SEEDDED WITH A QUICK GROWING GRASS. SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPLETE WITH THE PERMANENT GRASSING.

- 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 SEEDDED OR SEEDDED 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.

CONTRACTOR REQUIREMENTS

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

WASTE MATERIALS 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. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

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. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.

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, 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. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

FERTILIZERS

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. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

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.

CONCRETE TRUCKS CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER TO DITCHES, PONDS OR OTHER WATERWAYS. WASHWATER SHALL BE COLLECTED IN A TEMPORARY SETTLING POND.

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. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (I.E. KITTY LITTER OR EQUAL), SAND SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

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. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL, WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP, THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

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 FENCES 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 REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.

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

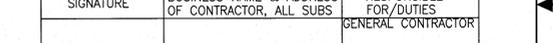
I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

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

THIS SPACE RESERVED

Table with 4 columns: SYM, ZONE, DESCRIPTION, DATE, APPROVED. Includes revision information.

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Table with 2 columns: SIGNATURES, DATE. Includes National Aeronautics and Space Administration.

CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3

STORMWATER POLLUTION PREVENTION PLAN NOTES

Table with 4 columns: FILE NO., SIZE, DWG. NO., REV. Includes file number 79K39391 and sheet number 5.

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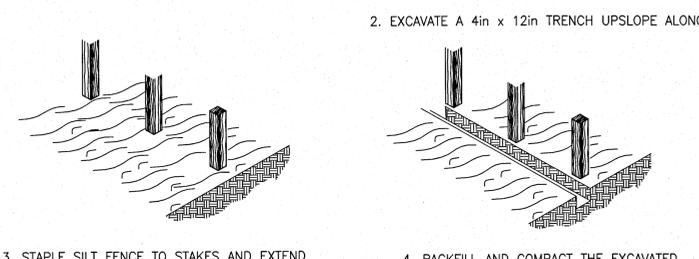
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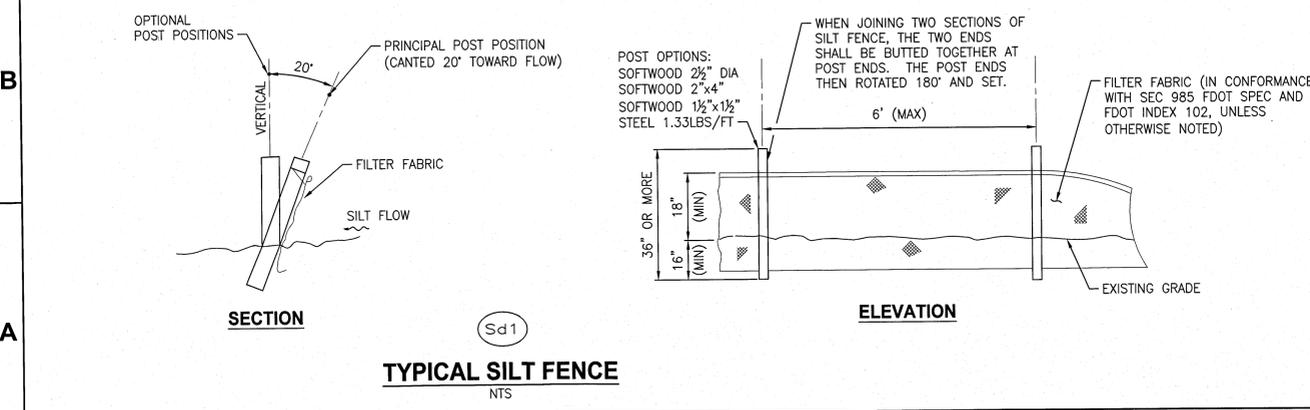
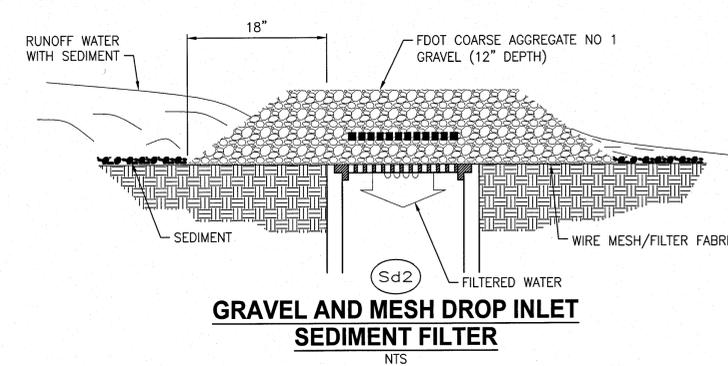
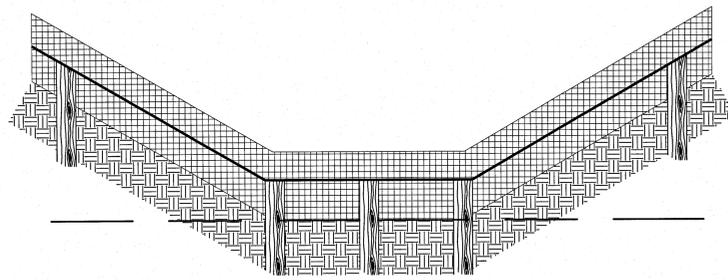
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PRINTED: 6/10/2013 10:09 AM, BY USER: Nelson Perez LAST MODIFIED: 7/10/2013 1:28 PM, BY USER: Coffey

**SEDIMENT AND EROSION CONTROL NOTES**

- 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.
- 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.
- 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.
- CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
- 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.
- FDOT 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- 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.
- 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.
- 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.
- 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.
- SOD SHALL BE PLACED IN AREAS WHICH REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITIES ARE MAINTAINED.
- 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.
- 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.
- ALL DEWATERING, EROSION, AND SEDIMENT CONTROL SHALL REMAIN IN PLACE UNTIL AFTER COMPLETION OF CONSTRUCTION, AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
- 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.
- 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.
- THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL WATER MANAGEMENT DISTRICT INQUIRES, RELATIVE TO COMPLIANCE OF SJRWMD FOR EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.
- 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.
- 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.
- 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.
- 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.



**CONSTRUCTION OF A SILT FENCE**



**SWPPP BMPS LEGEND**

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECK DAM ROCK OR HAY BALE	[Symbol]	[Symbol]	A SMALL TEMPORARY BARRIER CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW. ROCK OR HAY BALE.
Co	CONSTRUCTION EXIT	[Symbol]	[Symbol]	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. AN EARTH CHANNEL OR DIKE LOCATED ABOVE, BELOW, OR ACROSS A SLOPE TO DIVERT RUNOFF. THIS MAY BE A TEMPORARY OR PERMANENT STRUCTURE.
Di	DIVERSION	[Symbol]	[Symbol]	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.
Sd1	SEDIMENT BARRIER	[Symbol]	[Symbol]	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	[Symbol]	[Symbol]	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	[Symbol]	[Symbol]	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	[Symbol]	[Symbol]	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	[Symbol]	[Symbol]	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:  
 C = GOOD M = MARGINAL, NEEDS MAINTENANCE OR REPLACEMENT SOON P = POOR, NEEDS IMMEDIATE MAINTENANCE OR REPLACEMENT  
 N = NEEDS TO BE CLEARED 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	

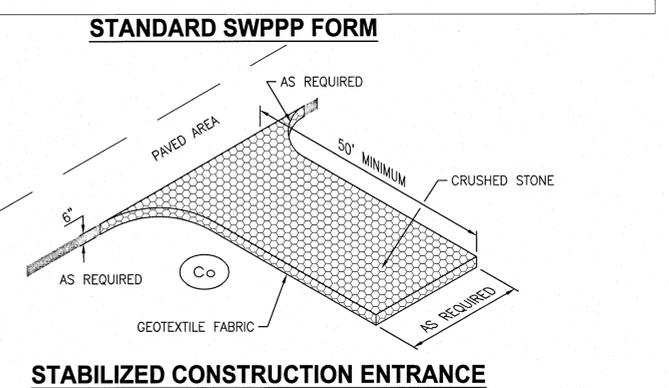
INSPECTOR INFORMATION:

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) \_\_\_\_\_



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**JONES EDMUNDS**

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 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 289-2950

**SIGNATURES**

NAME	DATE
C. COFFEY	06/10/13
K. RIVERA	06/10/13
[Signature]	06/10/13
[Signature]	06/10/13

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**STORMWATER POLLUTION PREVENTION PLAN DETAILS AND FORM**

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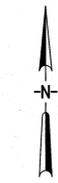
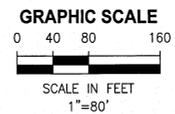
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**STORMWATER POLLUTION PREVENTION PLAN**  
1"=80'



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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 3	
SUBMITTED BELL	06/10/13	<b>STORMWATER POLLUTION PREVENTION PLAN</b>	
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13		
APPROVED D. TOTH	06/10/13		
FILE NO.	SIZE	DWG. NO.	REV
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PROJ. NO. 97963.9		SHEET 7	

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**GENERAL NOTE**

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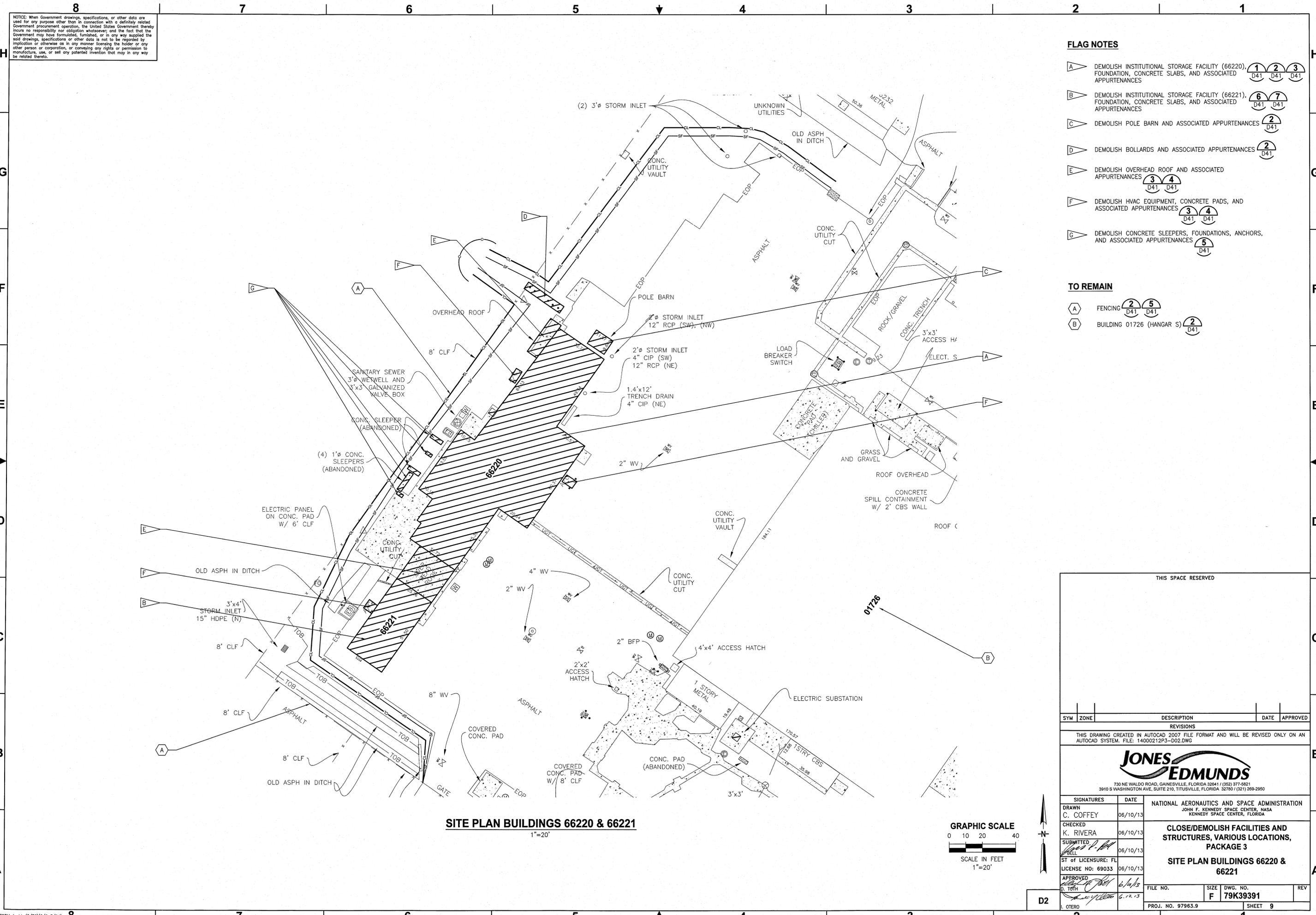
**DEMOLITION NOTES**

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.

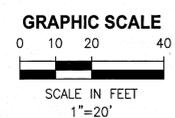
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SIGNATURES		DATE		
DRAWN C. COFFEY		06/10/13		
CHECKED K. RIVERA		06/10/13		
SUBMITTED J. BELL		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. OTERO		6/12/13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>		
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PROJ. NO. 97963.9		SHEET 8		

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**SITE PLAN BUILDINGS 66220 & 66221**  
1"=20'



**FLAG NOTES**

- A DEMOLISH INSTITUTIONAL STORAGE FACILITY (66220), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (1, 2, 3) D41 D41 D41
- B DEMOLISH INSTITUTIONAL STORAGE FACILITY (66221), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (6, 7) D41 D41
- C DEMOLISH POLE BARN AND ASSOCIATED APPURTENANCES (2) D41
- D DEMOLISH BOLLARDS AND ASSOCIATED APPURTENANCES (2) D41
- E DEMOLISH OVERHEAD ROOF AND ASSOCIATED APPURTENANCES (3, 4) D41 D41
- F DEMOLISH HVAC EQUIPMENT, CONCRETE PADS, AND ASSOCIATED APPURTENANCES (3, 4) D41 D41
- G DEMOLISH CONCRETE SLEEPERS, FOUNDATIONS, ANCHORS, AND ASSOCIATED APPURTENANCES (5) D41

**TO REMAIN**

- A FENCING (2, 5) D41 D41
- B BUILDING 01726 (HANGAR S) (2) D41

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SIGNATURES		DATE		
DRAWN	C. COFFEY			06/10/13
CHECKED	K. RIVERA			06/10/13
SUBMITTED	[Signature]			06/10/13
ST of LICENSEURE: FL				06/10/13
LICENSE NO: 69033				
APPROVED	[Signature]			6.12.13
D. TOH				6.12.13
I. OTERO				

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**SITE PLAN BUILDINGS 66220 & 66221**

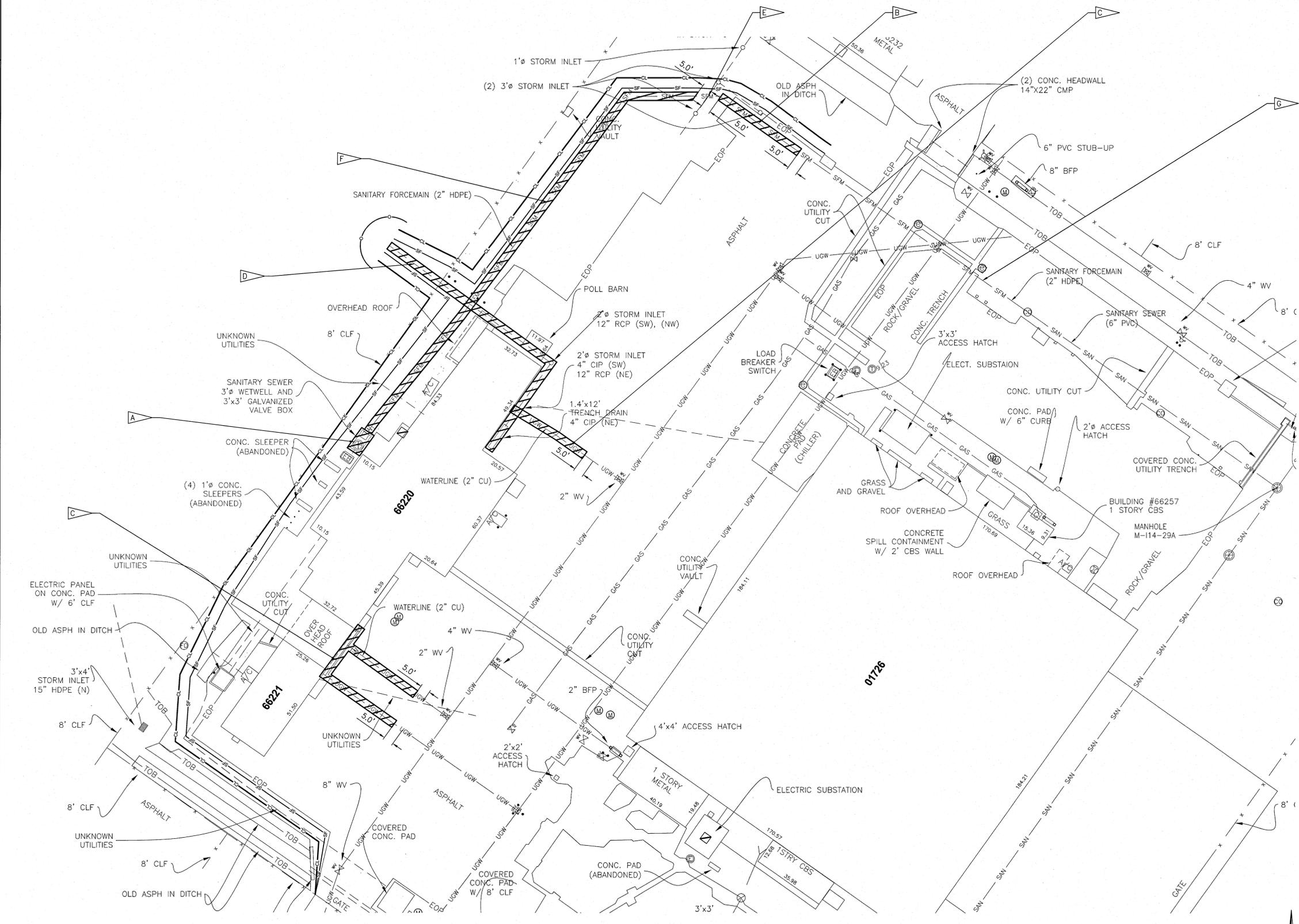
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D2	F	79K39391	
PROJ. NO. 97963.9		SHEET 9	



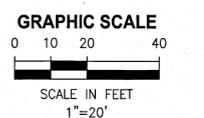
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**FLAG NOTES**

- A DEMOLISH LIFT STATION (FAC #66222, REF #324) WET WELL, VALVE VAULT, PIPING, CONTROL PANEL, AND ASSOCIATED APPURTENANCES, AS DESCRIBED BELOW.
- B REMOVE AND DISPOSE OF ALL LIQUIDS AND SOLIDS IN EXISTING WET WELL. DISINFECT THE EXISTING WET WELL AND REMOVE AND DISPOSE OF DISINFECTANT. CUT FIVE 1 FT DIA HOLES IN WET WELL BASE TO ALLOW FOR PERCOLATION. FILL THE EXISTING WET WELL WITH SAND AND COMPACT TO 85% MODIFIED PROCTOR.
- C THE CONTRACTOR SHALL OBTAIN CERTIFICATION OF COMPLETION FROM THE FDEP.
- B DEMOLISH SANITARY SEWER FORCEMAIN AND ASSOCIATED APPURTENANCES. CAP PIPE 5' FROM EDGE OF PAVEMENT. (1) D49
- C DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES. CAP PIPE 5' FROM EDGE OF PAVEMENT. (1) D49
- D DEMOLISH STORMWATER PIPING AND ASSOCIATED APPURTENANCES.
- E ABANDON SEWER FORCEMAIN IN PLACE. THE EXISTING FORCEMAIN SHALL BE CUT 5' FROM THE EDGE OF THE STORMWATER PIPING. THE ENTIRE LENGTH OF ABANDONED PIPE SHALL BE FILLED WITH NON-SHRINK GROUT AND THE ENDS OF THE PIPE SHALL BE CAPPED. (1) D49
- F DEMOLISH SANITARY SEWER FORCEMAIN, MANHOLES, AND ASSOCIATED APPURTENANCES.
- G ABANDON SEWER IN PLACE UNDER EXISTING ASPHALT AND CONCRETE PAVEMENT TO REMAIN. THE EXISTING SEWER FORCEMAIN SHALL BE CUT 5' FROM EDGE OF PAVEMENT. (1) D49



**UTILITIES PLAN BUILDINGS 66220 & 66221**  
1"=20'



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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>UTILITIES PLAN BUILDINGS 66220 &amp; 66221</b>		
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D4		PROJ. NO. 97963.9	SHEET 11	

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**FLAG NOTES**

- A DEMOLISH POL SHELTER (60628), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES 1 2  
D42 D42
- B DEMOLISH POL FACILITY (60630), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES 3 4  
D42 D42
- C DEMOLISH CONCRETE PAVEMENT. SAWCUT EDGES OF PAVEMENT TO REMAIN.
- D DEMOLISH EYE WASH STATION, PIPING, AND ASSOCIATED APPURTENANCES 3  
D42
- E DEMOLISH ABANDONED 2" PVC WATER LINE (PREVIOUSLY CAPPED BY OTHERS)

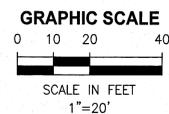
**TO REMAIN**

- A FENCING 2 3  
D42 D42
- B WATER LINE



**SITE, PAVEMENT AND UTILITIES PLAN BUILDINGS 60628 & 60630**

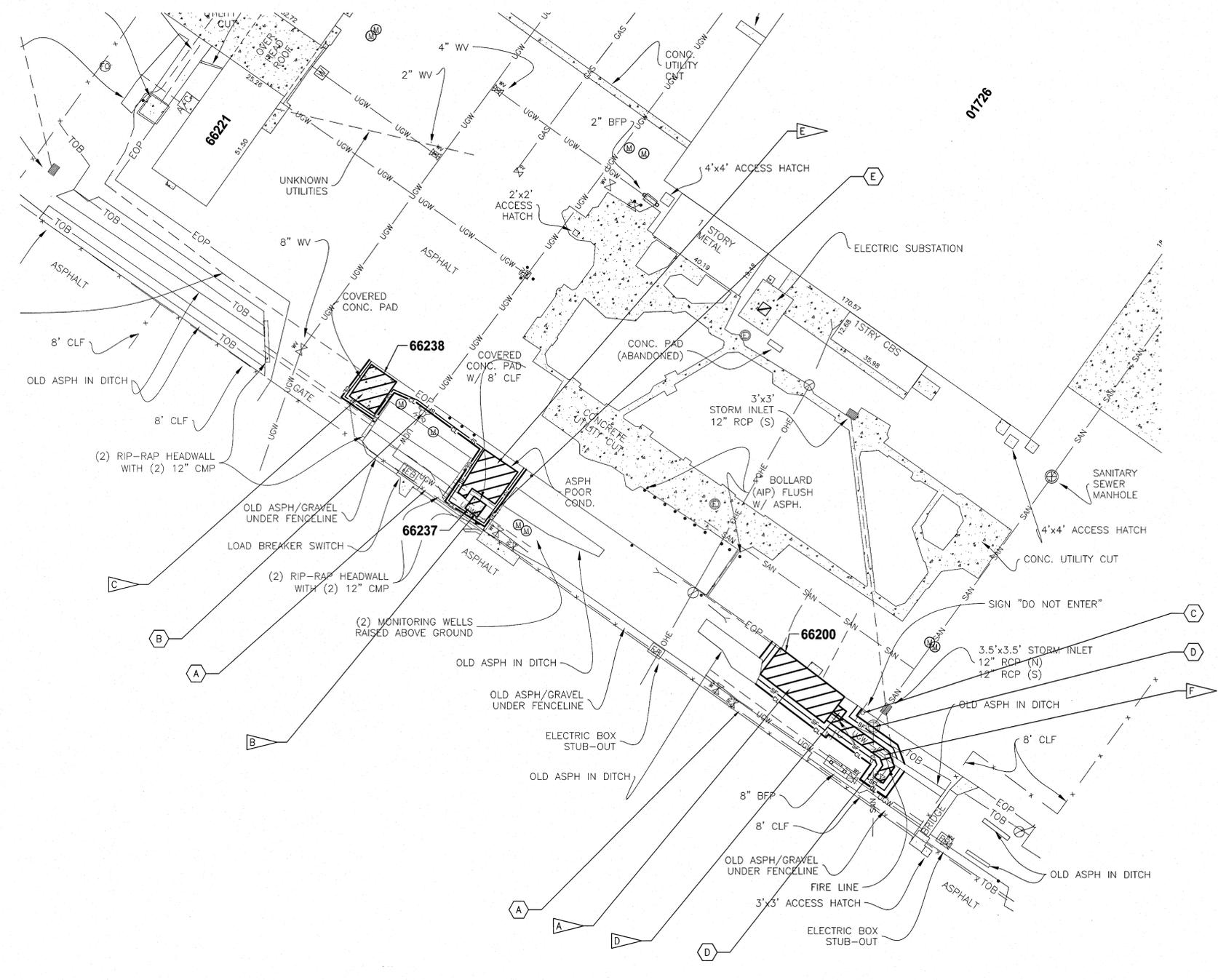
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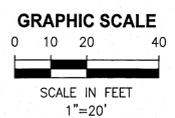
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SUBMITTED BELL		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED J. OTERO		6/12/13		
<p style="text-align: center;"><b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA</p> <p style="text-align: center;"><b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b> <b>SITE, PAVEMENT AND UTILITIES PLAN BUILDINGS 60628 &amp; 60630</b></p>		<p>FILE NO. _____ SIZE DWG. NO. _____ REV _____</p> <p>PROJ. NO. 97963.9 SHEET 12</p>		

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**SITE, PAVEMENT AND UTILITIES PLAN BUILDINGS 66200, 66237 & 66238**  
1"=20'



**FLAG NOTES**

- A DEMOLISH PAINT STORAGE BUILDING (66200), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (1, 2, D43, D43)
- B DEMOLISH HAZARDOUS WASTE STAGING SHELTER (66237), FOUNDATION, AND ASSOCIATED APPURTENANCES (3, 4, D43, D43)
- C DEMOLISH HAZARDOUS WASTE STAGING SHELTER (66238), FOUNDATION, AND ASSOCIATED APPURTENANCES (1, 2, D44, D44)
- D DEMOLISH HVAC EQUIPMENT, CONCRETE PAD, AND ASSOCIATED APPURTENANCES (2, D43)
- E DEMOLISH ASPHALT PAVEMENT, CURBING, AND CONCRETE PAVEMENT. SAWCUT EDGES OF PAVEMENT TO REMAIN.
- F DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES. INSTALL RESTRAINED CAP AT TEE. (1, D49)

**TO REMAIN**

- A FENCING (1, 3, 4, 1, 2, D43, D43, D43, D44, D44)
- B FIRE HYDRANT (4, D43)
- C SIGN (1, 2, D43, D43)
- D SANITARY SEWER AND ASSOCIATED APPURTENANCES (2, D43)
- E WATER LINE AND ASSOCIATED APPURTENANCES

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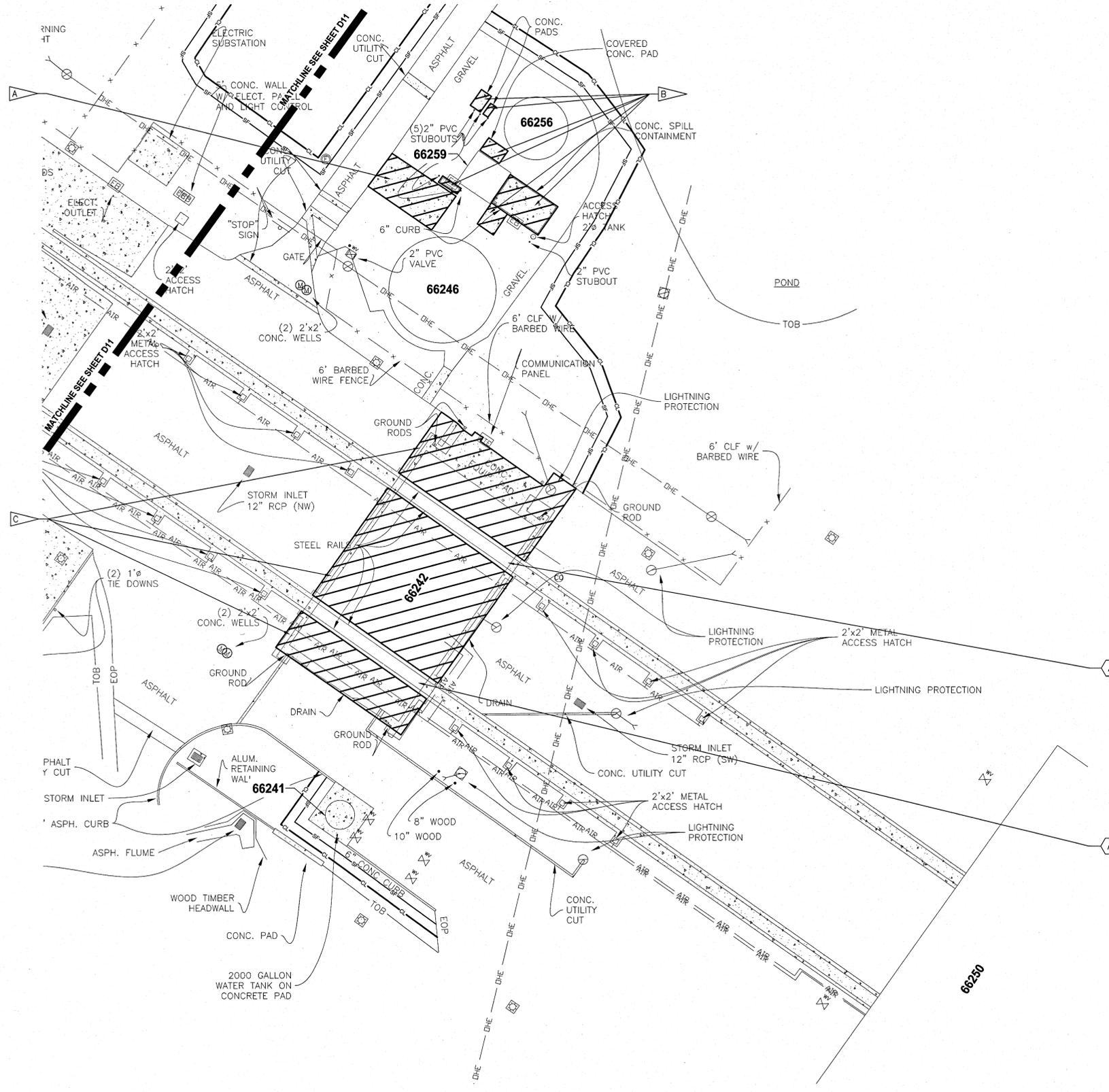


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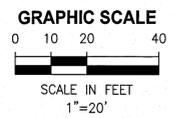
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
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APPROVED D. TOTH	6/10/13		
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**PAVEMENT PLAN 66241, 66242, 66246, 66256 & 66259**  
1"=20'



**FLAG NOTES**

- A DEMOLISH CONCRETE PAVEMENT AND CURBING. SAWCUT EDGES OF PAVEMENT TO REMAIN.
- B DEMOLISH CONCRETE PADS
- C DEMOLISH CONCRETE AND ASPHALT PAVEMENT AND FOUNDATIONS. REPAVE ALL DISTURBED PAVEMENT TO MATCH EXISTING GRADE. SEE 66242 FOUNDATION DEMOLITION AND REPAVEMENT DETAIL ON SHEET D50. 3 5  
D50 D49

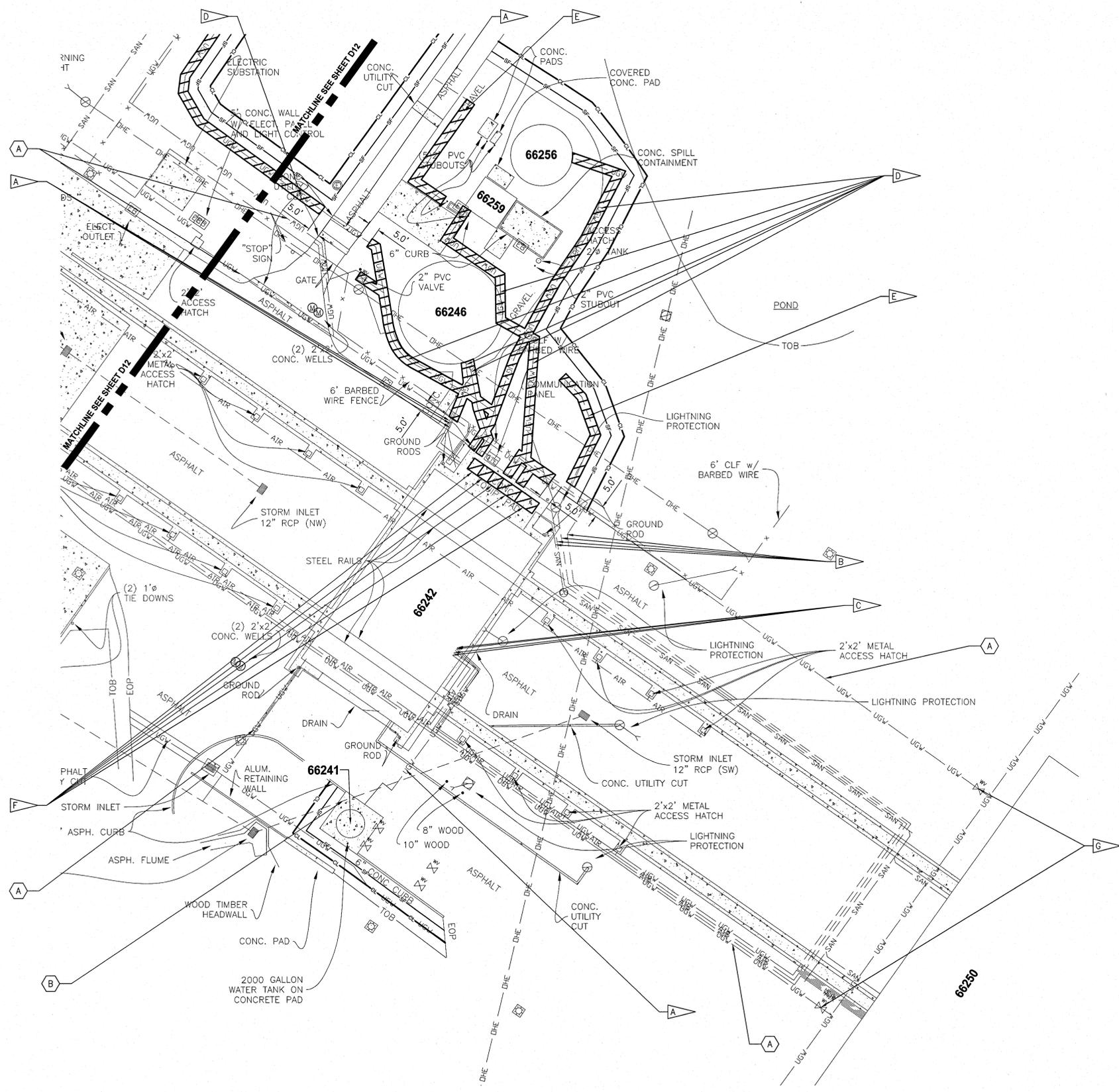
**TO REMAIN**

- A RAILS AND CONCRETE WITHIN 18" OF RAILS 3 D45

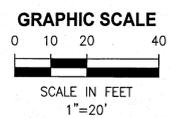
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CHECKED K. RIVERA		06/10/13		
SUBMITTED <i>[Signature]</i>		06/10/13		
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APPROVED <i>[Signature]</i> 10TH		6/10/13		
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**UTILITIES PLAN 66241, 66242, 66246, 66256 & 66259**  
1"=20'



**FLAG NOTES**

- A 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) D49
- B INSTALL RESTRAINED CAP 5' FROM EDGE OF PAVEMENT TO REMAIN. (1) D49
- C INSTALL RESTRAINED CAP (1) D49
- D DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES
- E DEMOLISH PROCESS WATER PIPING AND ASSOCIATED APPURTENANCES
- F DEMOLISH SUMPS, PIPING AND ASSOCIATED APPURTENANCES, AS DESCRIBED BELOW.
  - A. REMOVE AND DISPOSE OF ALL PIPING, EQUIPMENT, CABLES, AND RELATED EQUIPMENT IN THE SUMPS; THE UPPER SECTIONS (4 FOOT MINIMUM) OF THE SUMPS; AND ALL ASSOCIATED CONCRETE SURFACES AND PADS.
  - B. REMOVE AND DISPOSE OF ALL LIQUIDS AND SOLIDS IN EXISTING SUMPS. CUT FIVE 1 FT DIA HOLES IN SUMP BASES TO ALLOW FOR PERCOLATION. FILL THE EXISTING SUMPS WITH SAND AND COMPACT TO 85% MODIFIED PROCTOR.
- G WATER LINE ISOLATION VALVES TO REMAIN OPEN AFTER COMPLETION OF DEMOLITION ACTIVITIES

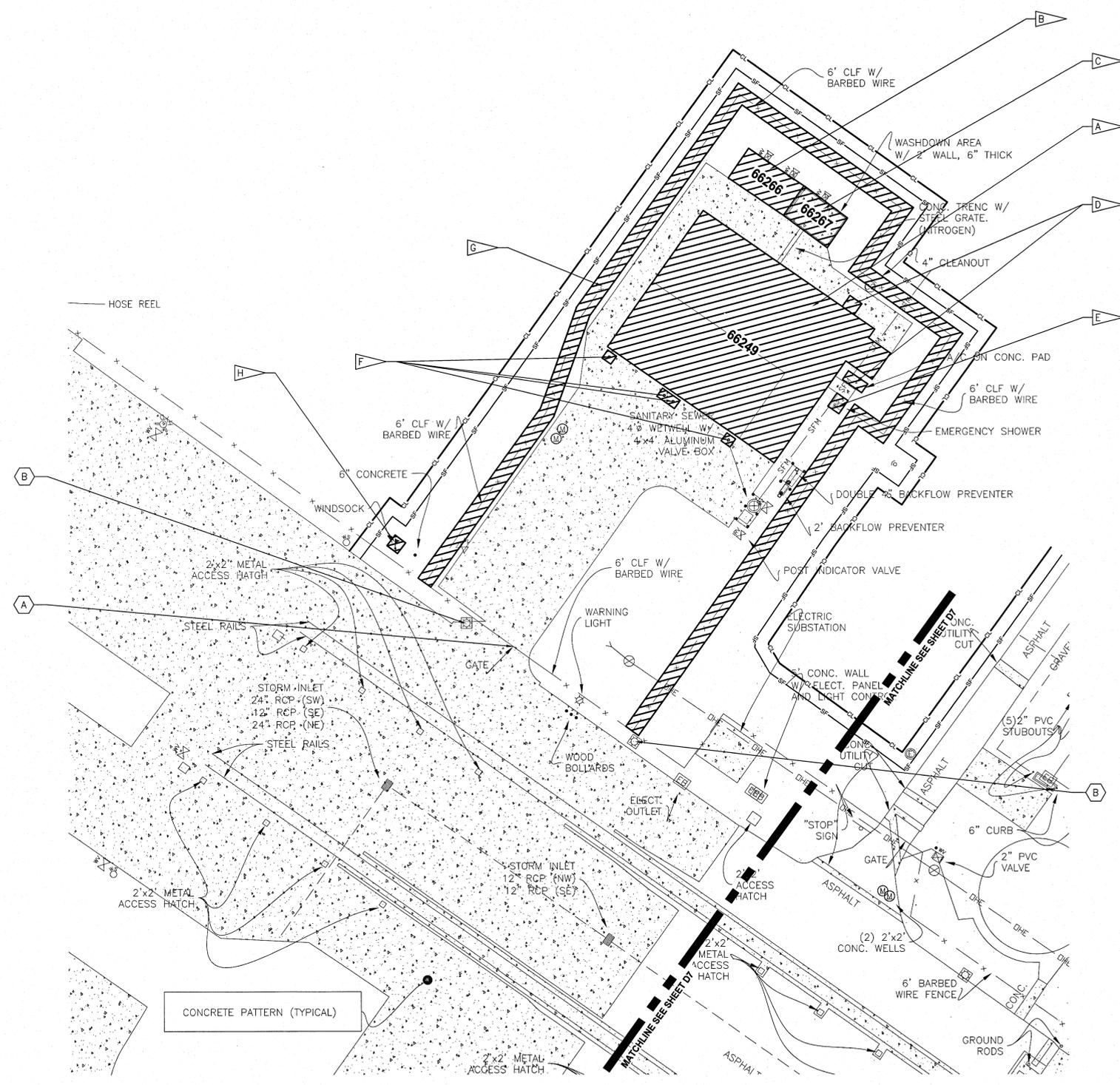
**TO REMAIN**

- A WATER LINE
- B STORM SEWER

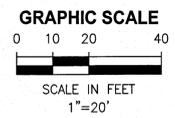
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APPROVED D. TOTH		6/10/13		
L. OTERO		6.12.13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> <small>JOHN F. KENNEDY SPACE CENTER, NASA            KENNEDY SPACE CENTER, FLORIDA</small>		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b> <b>UTILITIES PLAN 66241, 66242, 66246, 66256 &amp; 66259</b>		
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PROJ. NO. 97963.9		SHEET		16

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**SITE PLAN 66249, 66266 & 66267**  
1"=20'



**FLAG NOTES**

- A DEMOLISH THRUST VECTOR CONTROL DESERVICING BUILDING (66249), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (5, 6, 7) D45 D45 D45
- B DEMOLISH DRUM STORAGE BUILDING (66266), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (1, 2) D46 D46
- C DEMOLISH TANK FARM (66267), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (3, 4, 5) D46 D46 D46
- D DEMOLISH HVAC EQUIPMENT, CONCRETE PADS, AND ASSOCIATED APPURTENANCES (6) D45
- E DEMOLISH EYE WASH STATION, PIPING, AND ASSOCIATED APPURTENANCES (8) D45
- F DEMOLISH BOLLARDS AND ASSOCIATED APPURTENANCES (5) D45
- G DEMOLISH CHAIN LINK FENCE, POSTS, FOUNDATIONS, AND ASSOCIATED APPURTENANCES (7, 8) D45 D45
- H DEMOLISH WINDSOCK AND ASSOCIATED APPURTENANCES

**TO REMAIN**

- A SECURITY GATE AND FENCING
- B LIGHT POLE

THIS SPACE RESERVED

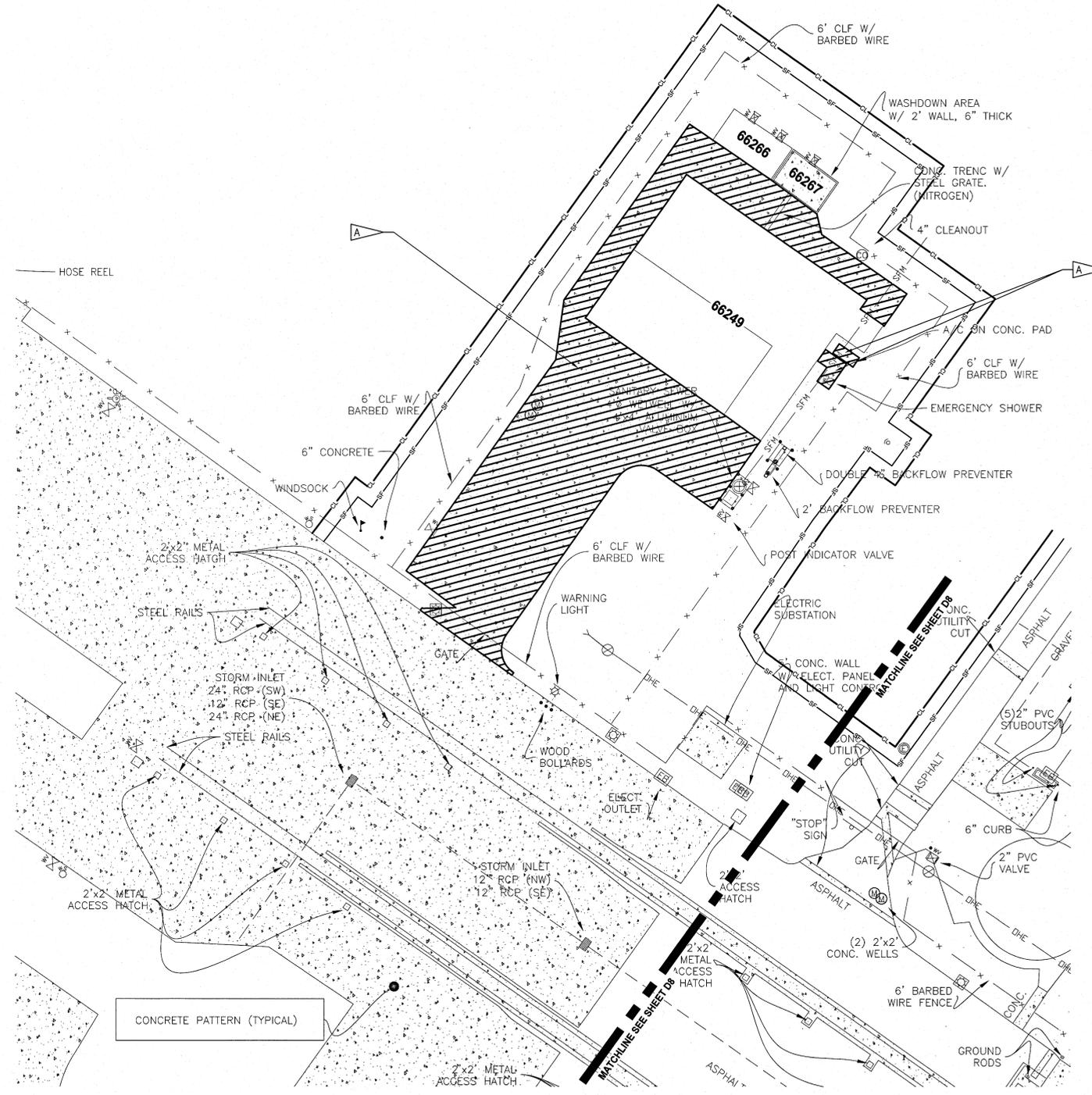
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REVISIONS				
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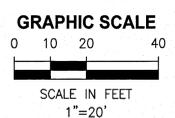
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
DRAWN C. COFFEY		06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3  SITE PLAN 66249, 66266 & 66267	
CHECKED K. RIVERA		06/10/13		
SUBMITTED BELL		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. OTERO		6/12/13	FILE NO.	SIZE DWG. NO.
D10			F	79K39391
			PROJ. NO. 97963.9	SHEET 17

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**FLAG NOTE**  
 DEMOLISH ASPHALT PAVEMENT, CURBING, AND CONCRETE PAVEMENT. SAWCUT EDGES OF PAVEMENT TO REMAIN.



**PAVEMENT PLAN 66249, 66266 & 66267**  
 1"=20'



THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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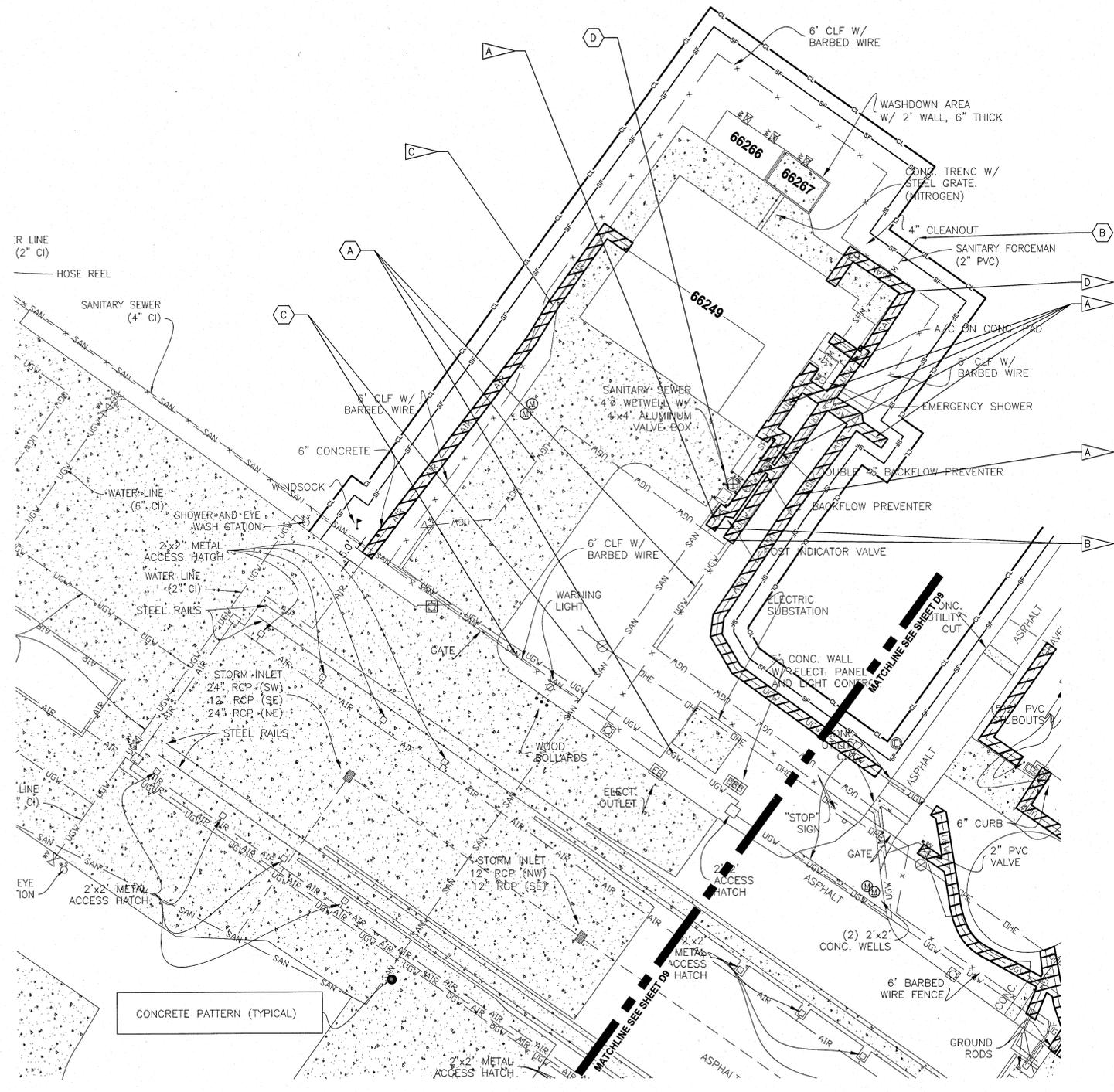
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED K. RIVERA	06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>		
SUBMITTED BELL	06/10/13	<b>PAVEMENT PLAN 66249, 66266 &amp; 66267</b>		
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	FILE NO.	SIZE F	DWG. NO. 79K39391
APPROVED D. OTERO	6.12.13	PROJ. NO. 97963.9	SHEET	18

D11

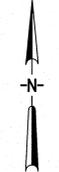
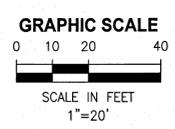
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- FLAG NOTES**
- A > DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES
  - B > CAP WATER LINE (1 D49)
  - C > DEMOLISH GASEOUS NITROGEN LINE AND ASSOCIATED APPURTENANCES. CAP PIPE 5' FROM EDGE OF PAVEMENT. (1 D49)
  - D > DEMOLISH SANITARY SEWER AND ASSOCIATED APPURTENANCES

- TO REMAIN**
- A WATER LINE
  - B SANITARY FORCEMAIN
  - C SANITARY SEWER
  - D LIFT STATION (FAC #66268, REF #321)



**UTILITIES PLAN 66249, 66266 & 66267**  
1"=20'



THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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<small>730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950</small>				
SIGNATURES		DATE		
DRAWN C. COFFEY		06/10/13		
CHECKED K. RIVERA		06/10/13		
SUBMITTED BELL		06/10/13		
ST of LICENSURE: FL 69033		06/10/13		
APPROVED D. TOTH		6/12/13		
I. OTERO		6.12.13		
FILE NO.		SIZE	DWG. NO.	REV
D12		F	79K39391	
PROJ. NO. 97963.9		SHEET		19

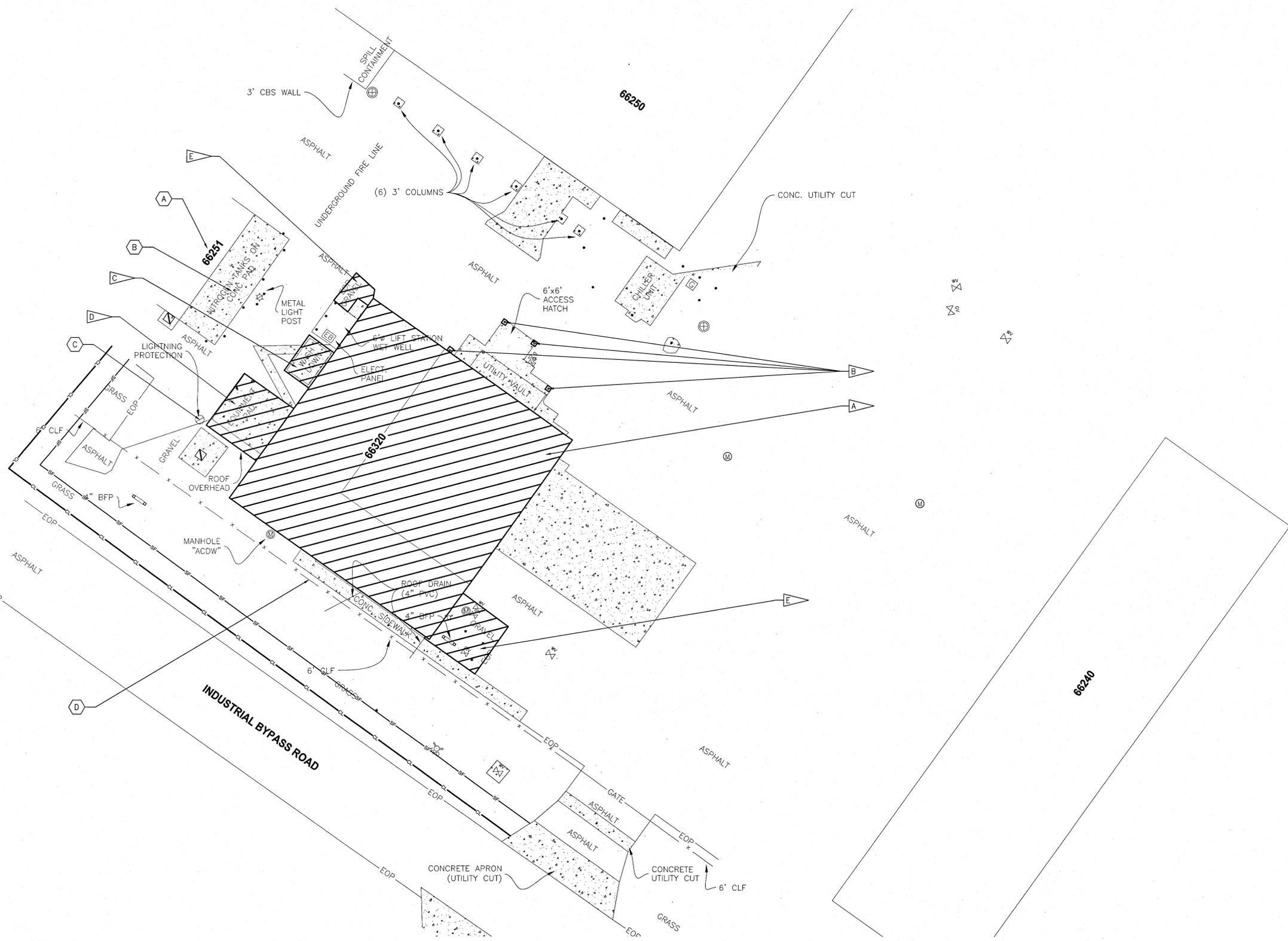
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**FLAG NOTES**

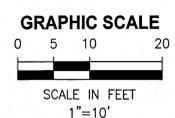
- A DEMOLISH ROBOT WASH BUILDING (66320), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES (4/48) (5/48)
- B DEMOLISH BOLLARDS AND ASSOCIATED APPURTENANCES (8/48)
- C DEMOLISH WASH DOWN, CANOPY, COLUMNS, PIPING, AND ASSOCIATED APPURTENANCES (7/48)
- D DEMOLISH EQUIPMENT PAD, BOLLARDS, CANOPY, COLUMNS, PIPING, AND ASSOCIATED APPURTENANCES (7/48)
- E DEMOLISH GRAVEL LANDSCAPING (4/48) (6/48)

**TO REMAIN**

- A BUILDING 66251
- B GAS TANKS
- C LIGHTNING PROTECTION TOWER
- D FENCING



**SITE PLAN BUILDING 66320**  
1"=10'



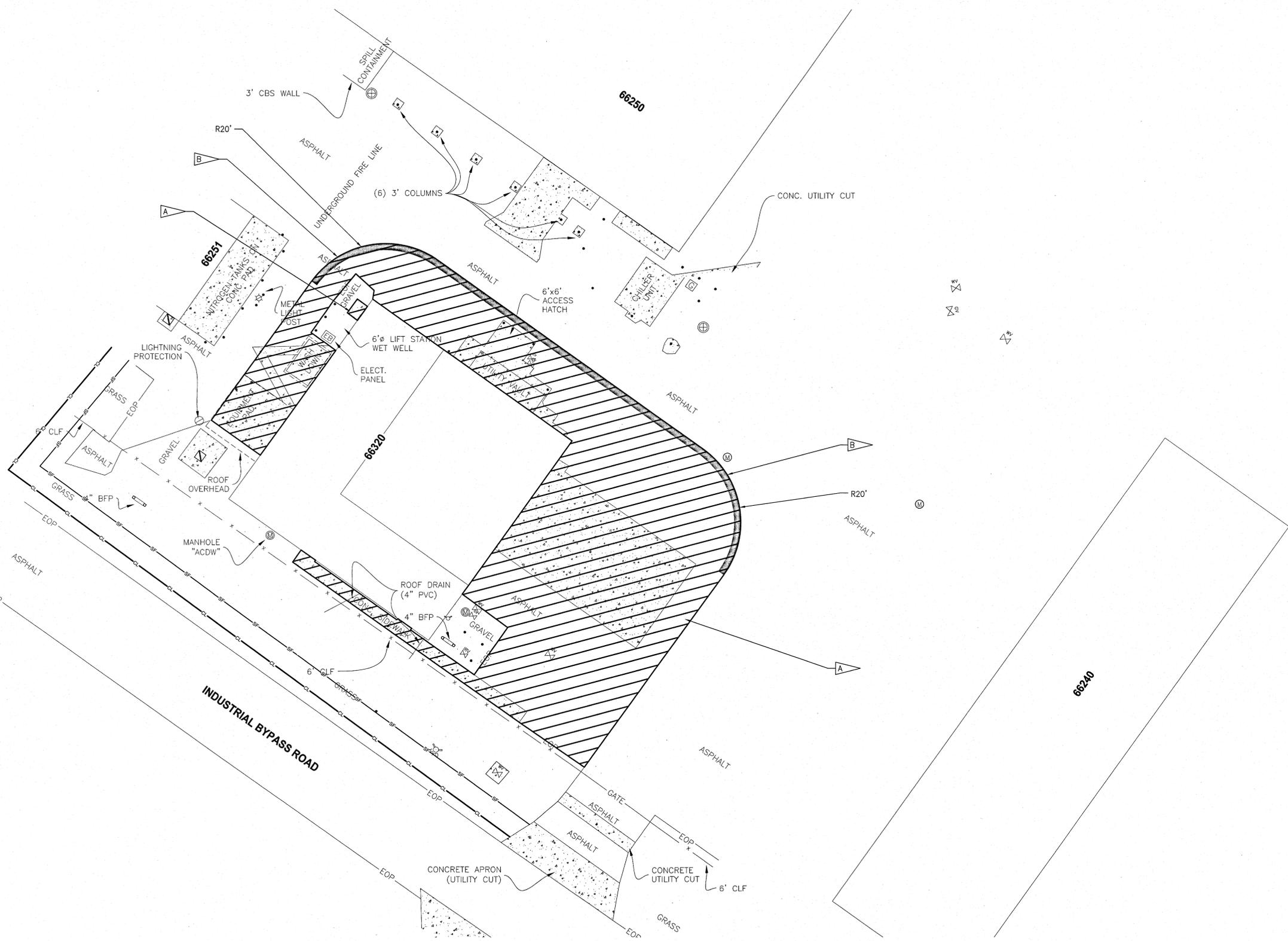
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REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D13.DWG				
 <small>730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821            3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950</small>				
SIGNATURES		DATE		
DRAWN C. COFFEY		08/10/13		
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		6.12.13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>SITE PLAN BUILDING 66320</b>		
FILE NO.	SIZE <b>F</b>	DWG. NO. <b>79K39391</b>	REV	
D13		PROJ. NO. 97963.9	SHEET 20	

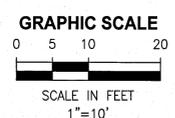
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 KSC FORM 1-11 (3/76)(C/G 3/94)

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- FLAG NOTES**
- A DEMOLISH ASPHALT PAVEMENT, CURBING, AND CONCRETE PAVEMENT. SAWCUT EDGES OF PAVEMENT TO REMAIN.
  - B INSTALL RIBBON CURB 3  
D49



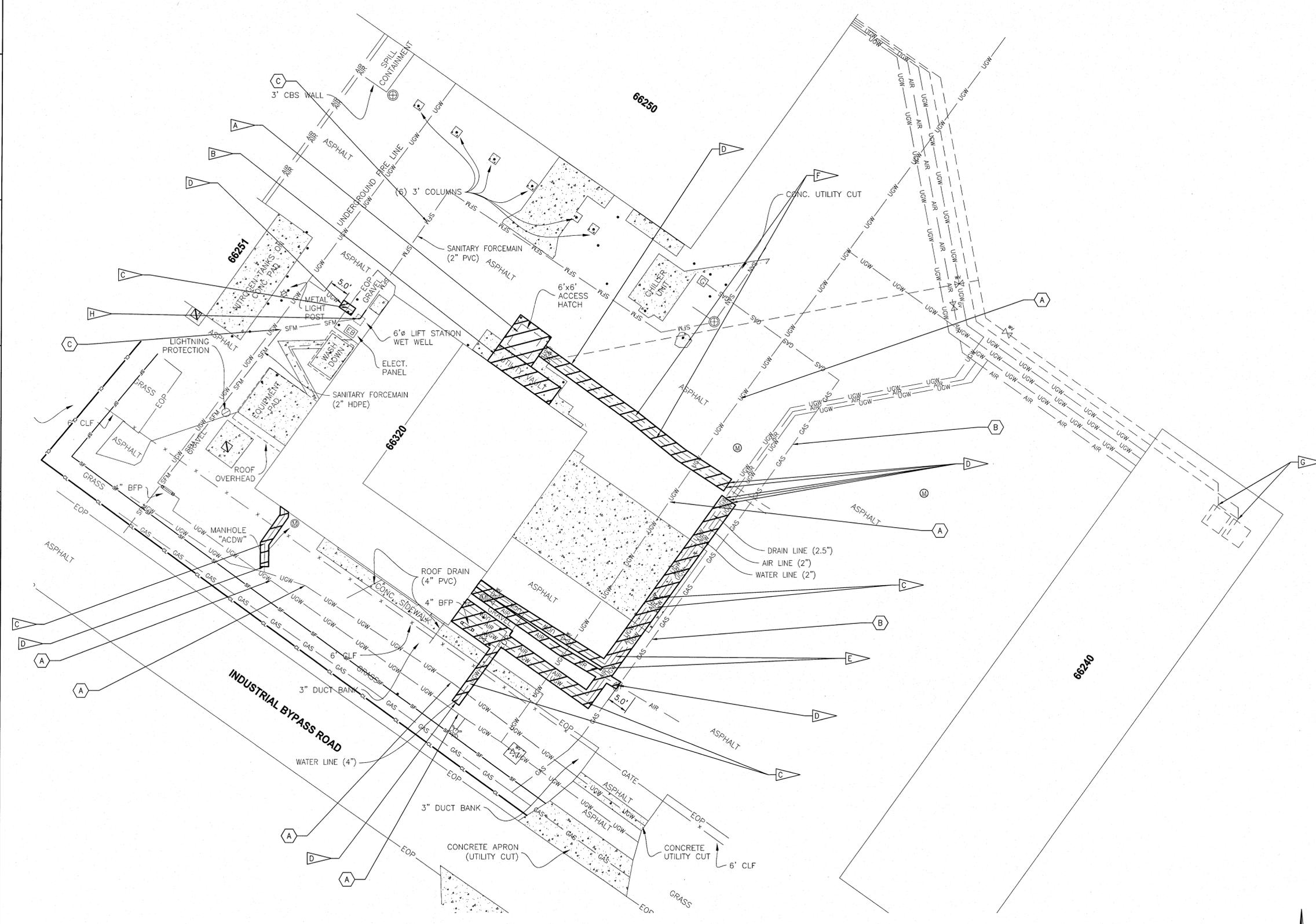
**PAVEMENT PLAN BUILDING 66320**  
1"=10'



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: 14000212P3-D14.DWG				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 (352) 377-8621 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 289-2950				
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. TOTH		6/10/13		
I. OTERO		6.12.13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>PAVEMENT PLAN BUILDING 66320</b>		
FILE NO.	SIZE	DWG. NO.	REV	
D14	F	79K39391		
PROJ. NO. 97963.9		SHEET 21		

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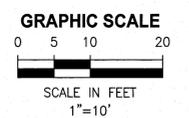
**UTILITIES PLAN BUILDING 66320**  
1"=10'

- FLAG NOTES**
- A. DEMOLISH SEDIMENT TANK, PIPING AND ASSOCIATED APPURTENANCES, AS DESCRIBED BELOW. (8 D48)
  - A. REMOVE AND DISPOSE OF ALL PIPING, EQUIPMENT, CABLES, AND RELATED EQUIPMENT IN THE SEDIMENT TANK; THE UPPER SECTION (4 FOOT MINIMUM) OF THE SEDIMENT TANK; AND ALL ASSOCIATED CONCRETE SURFACES AND PADS. THE DEBRIS BASKET SHOWN IN THE AS-BUILT DRAWINGS HAS BEEN REMOVED.
  - B. REMOVE AND DISPOSE OF ALL LIQUIDS AND SOLIDS IN EXISTING SEDIMENT TANK. CUT FIVE 1 FT DIA HOLES IN SEDIMENT TANK BASE TO ALLOW FOR PERCOLATION. FILL THE EXISTING SEDIMENT TANK WITH SAND AND COMPACT TO 85% MODIFIED PROCTOR.
  - B. DEMOLISH UTILITY VAULT AND ASSOCIATED APPURTENANCES (8 D48)
  - C. DEMOLISH WATER LINE AND ASSOCIATED APPURTENANCES
  - D. INSTALL RESTRAINED CAP (1 D49)
  - E. DEMOLISH COMPRESSED AIR LINE
  - F. DEMOLISH PROCESS WATER PIPING
  - G. CAP HYDROLASE PROCESS WATER PIPING AT SUMPS IN EAST WASH BUILDING (66240). SEE EAST WASH BUILDING (66240) SUMP ISOLATION PLAN ON SHEET D50. (2 D50)
  - H. DEMOLISH LIFT STATION (FAC #66334, REF #322) WET WELL, VALVE VAULT, PIPING, CONTROL PANEL, AND ASSOCIATED APPURTENANCES, AS DESCRIBED BELOW. (6 D48)
  - A. REMOVE AND DISPOSE OF ALL PIPING, EQUIPMENT, FLOATS, CABLES, AND RELATED EQUIPMENT IN THE WET WELL; ALL ABOVE AND BELOW GRADE POWER/CONTROL CABLES AND CONDUITS; CONTROL PANEL, CIRCUIT BREAKER BOX AND POWER POLE; ABOVE GRADE PIPING AND VALVES; THE UPPER SECTION (4 FOOT MINIMUM) OF THE WET WELL; AND CONCRETE SURFACES, PADS AND VALVE VAULT.
  - B. REMOVE AND DISPOSE OF ALL LIQUIDS AND SOLIDS IN EXISTING WET WELL. DISINFECT THE EXISTING WET WELL AND REMOVE AND DISPOSE OF DISINFECTANT. CUT FIVE 1 FT DIA HOLES IN WET WELL BASE TO ALLOW FOR PERCOLATION. FILL THE EXISTING WET WELL WITH SAND AND COMPACT TO 85% MODIFIED PROCTOR.
  - C. THE CONTRACTOR SHALL OBTAIN CERTIFICATION OF COMPLETION FROM THE FDEP.
  - D. CONNECT EXISTING INFLUENT PIPE FROM UPSTREAM LIFT STATION (FAC #66337, REF #323) TO EXISTING BELOW GRADE DISCHARGE PIPE. SEE 66320 LIFT STATION RE-PIPING PLAN ON SHEET D50. (1 D50)

- TO REMAIN**
- A. WATER LINE
  - B. GAS LINE
  - C. SANITARY FORCE MAIN

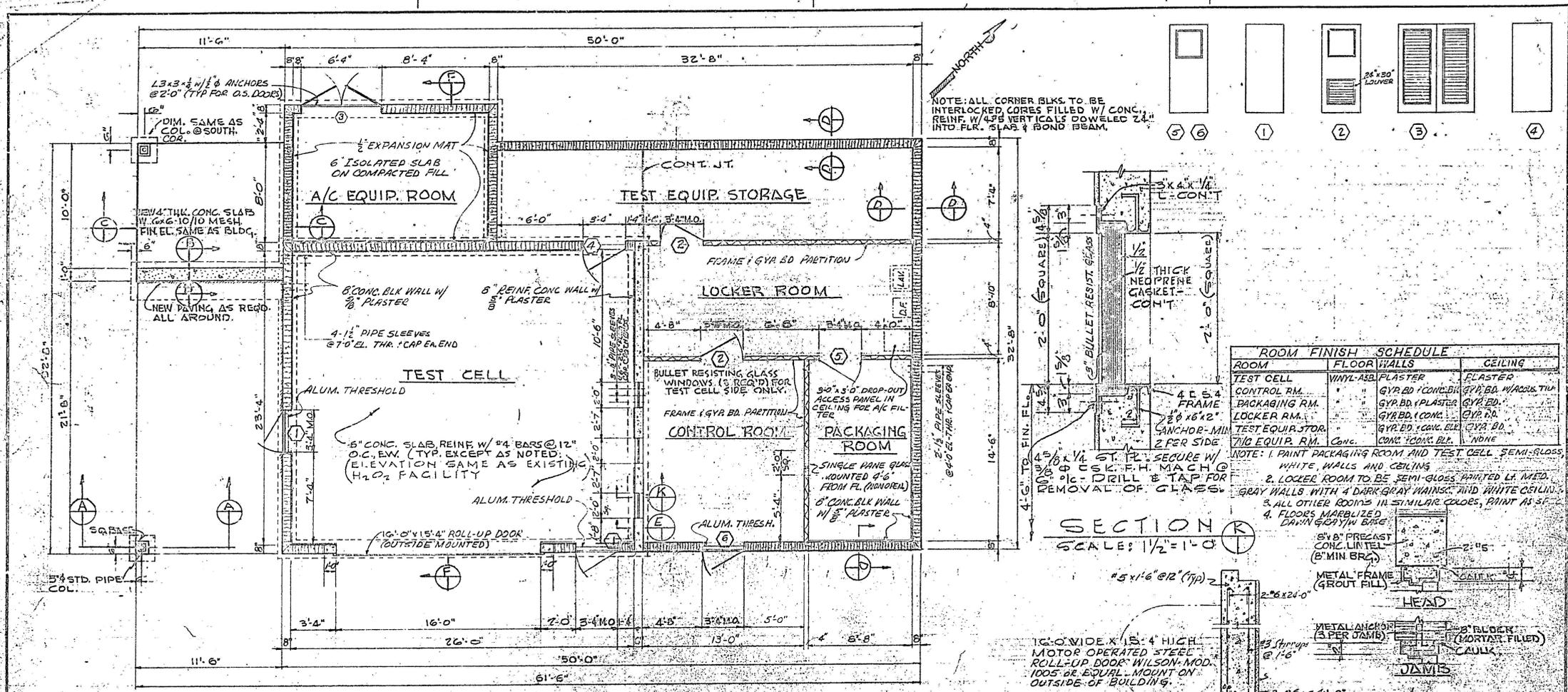
THIS SPACE RESERVED

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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 3		
SUBMITTED BELL	06/10/13	UTILITIES PLAN BUILDING 66320		
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	FILE NO.	SIZE DWG. NO.	REV
APPROVED D. OTERO	6/12/13	D15	F 79K39391	
PROJ. NO. 97963.9		SHEET 22		



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**GENERAL NOTE**  
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**SECTION K**  
 SCALE: 1/2" = 1'-0"

**PERSONNEL DOOR DETAILS**  
 SCALE: 1/2" = 1'-0"

**ROLL-UP DOOR DETAIL**  
 SCALE: 1/2" = 1'-0"

**SECTION D**  
 SCALE: 1/2" = 1'-0"

**SECTION E**  
 SCALE: 1/2" = 1'-0"

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

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

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

DATE	DESCRIPTION	BY	APP. BY
6 JUN 61	ORIGINAL DRAWING	K. COFFEY	
6 JUN 61	REVISIONS		

**MERCURY PROJECT**  
 PYROTECHNICS DIVISION  
 HAZARDOUS AREA  
 FOUNDATION & FLOOR PLAN  
 SCHEDULE 5 & DETAILS

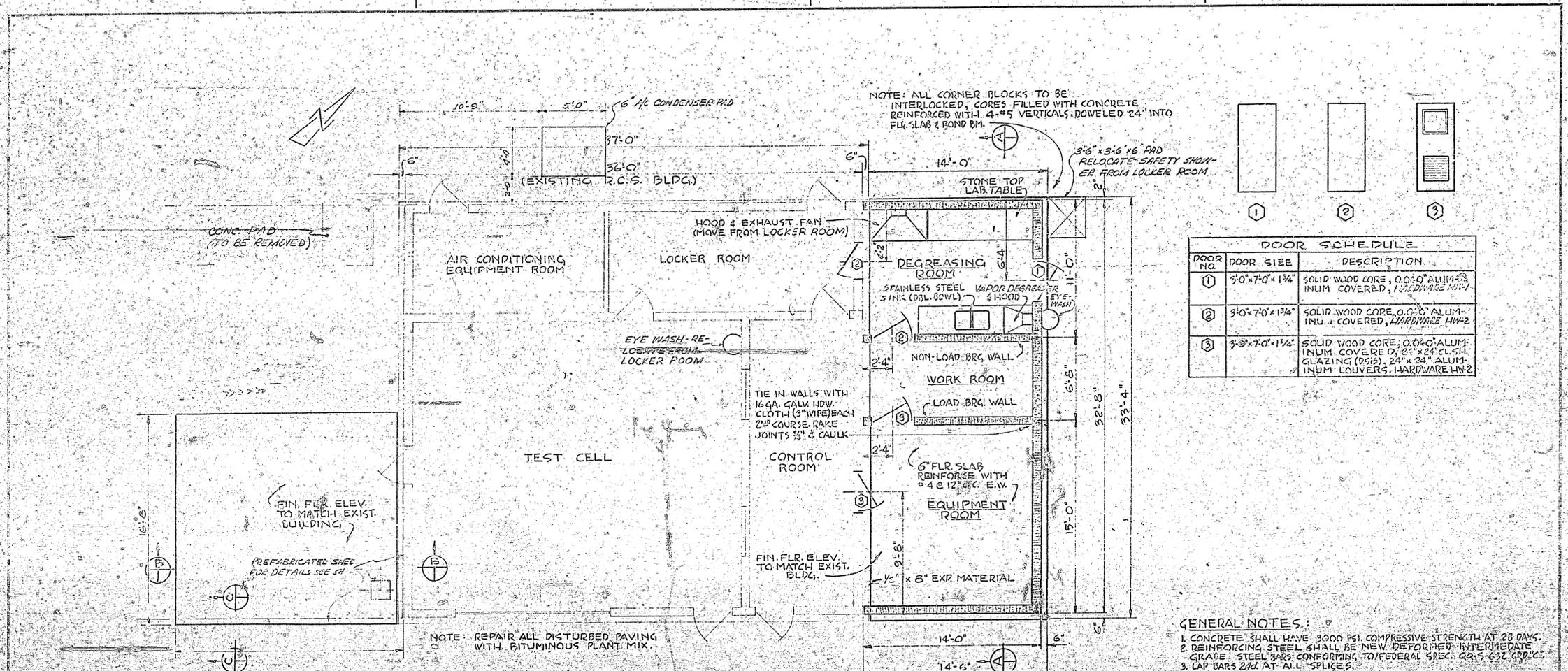
DATE: 6/10/13  
 DRAWN BY: K. COFFEY  
 CHECKED BY: K. RIVERA  
 SUBMITTED BY: [Signature]  
 ST. OF LICENSURE: FL  
 LICENSE NO: 69033  
 APPROVED BY: [Signature]  
 DATE: 6/10/13

PROJECT NO: 01-66220-002

SYM	ZONE	DESCRIPTION	DATE	APPROVED
THIS SPACE RESERVED				
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D16.DWG				
<b>JONES EDMUNDS</b>				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-5621 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 269-2960				
SIGNATURES		DATE		
DRAWN		06/10/13		
CHECKED		06/10/13		
SUBMITTED		06/10/13		
ST. OF LICENSURE: FL		06/10/13		
APPROVED		6/10/13		
D. TOTI		6/12/13		
I. OTERO		6/12/13		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3		
BUILDING 66220 AS-BUILTS		FILE NO. 01-66220-002		
SIZE F		DWG. NO. 79K39391		
PROJ. NO. 97963.9		SHEET 23		

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DOOR SCHEDULE		
DOOR NO.	DOOR SIZE	DESCRIPTION
①	3'-0" x 7'-0" x 1 1/4"	SOLID WOOD CORE, 0.040" ALUMINUM COVERED, HARDWARE HW-1
②	3'-0" x 7'-0" x 1 1/4"	SOLID WOOD CORE, 0.040" ALUMINUM COVERED, HARDWARE HW-2
③	3'-0" x 7'-0" x 1 1/4"	SOLID WOOD CORE, 0.040" ALUMINUM COVERED, 24" x 24" GLAZING (95%), 24" x 24" ALUMINUM LOUVERS, HARDWARE HW-2

- GENERAL NOTES:**
1. CONCRETE SHALL HAVE 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
  2. REINFORCING STEEL SHALL BE NEW DEFORMED INTERMEDIATE GRADE STEEL BARS CONFORMING TO FEDERAL SPEC. QA-5-62 GR. 60.
  3. LAP BARS 20d AT ALL SPLICES.
  4. BEND ALL HORIZONTAL BARS 180° AROUND CORNERS.
  5. CHAMFER EXPOSED CONCRETE EDGES 3/4" EXCEPT WHERE MASONRY ABUTS THE EDGES.
  6. JOIST BRIDGING SHALL BE CONTINUOUS 1/2" Ø @ TOP & BOTTOM CHORDS.
  7. BULB TEES SHALL BE CONTINUOUS OVER A MINIMUM OF 2 SPANS. SPLICES SHALL BE MADE WITH FULL PENETRATION BUTT WELDS.
  8. CONCRETE MASONRY WALLS SHALL HAVE HORIZONTAL JOINT REINFORCING EVERY 2ND COURSE.
  9. ALL CAULKING AND SEALING MATERIALS SHALL BE COMPATIBLE WITH H<sub>2</sub>O.
  10. FOR OPENINGS NOT SHOWN, AND DETAILS OF HOODS, FANS, AND SINKS SEE MECHANICAL DWGS.
  11. EQUIPMENT ROOM AND WORK ROOM SHALL HAVE VINYL-ASB TILE FLOORING AND RUBBER PADE. COLOR SHALL BE MARBLIZED DANINGERY OR SIMILAR.
  12. ALL INTERIOR AND EXTERIOR CONCRETE MASONRY WALLS SHALL BE PAINTED TO MATCH EXISTING BUILDING.
  13. ALL EXPOSED STEEL INTERIOR AND EXTERIOR SHALL BE PAINTED AS SPECIFIED.

**FLOOR PLAN**  
 SCALE 1/4" = 1'-0"

**SECTION B**  
 SCALE 3/8" = 1'-0"

**SECTION C**  
 SCALE 3/8" = 1'-0"

**DOOR DETAILS**  
 SCALE 1/2" = 1'-0"

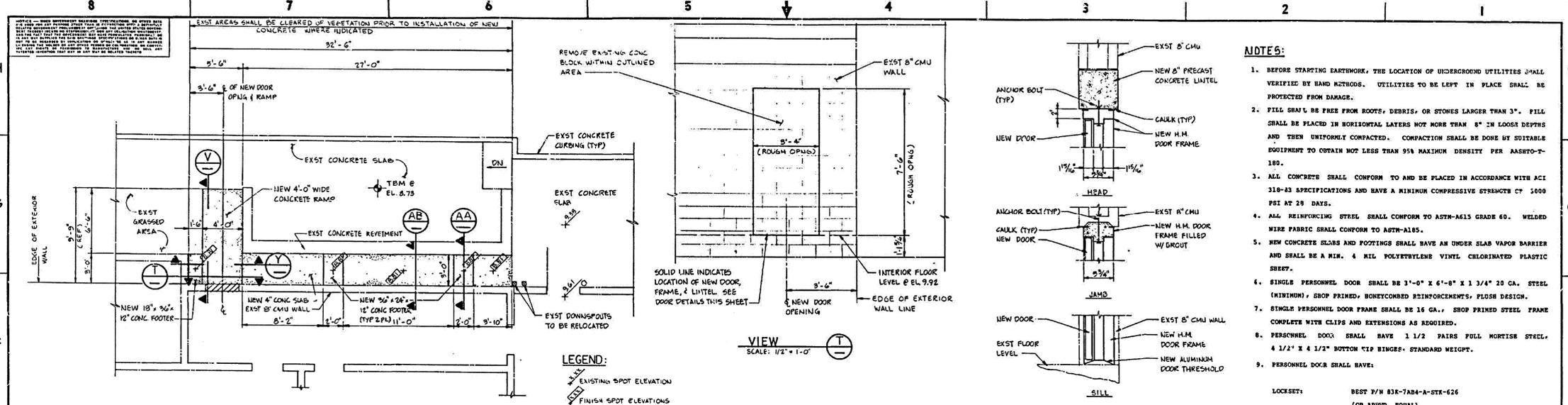
DATE	DESCRIPTION	BY	APPROVED
6 JUN 01	REVISIONS		
6 JUN 01	ADDITIONS TO H.O. BLDG. HANGER'S AREA		
6 JUN 01	FLOOR PLAN SCHEDULES & DETAILS		

THIS SPACE RESERVED

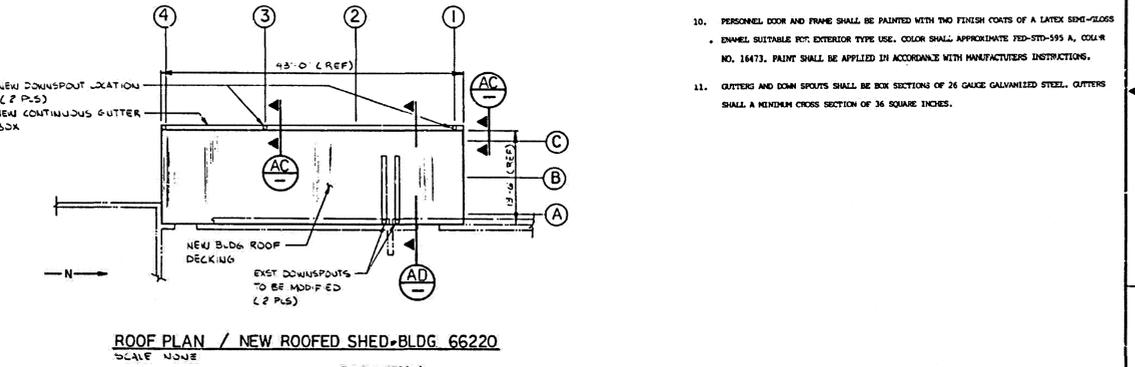
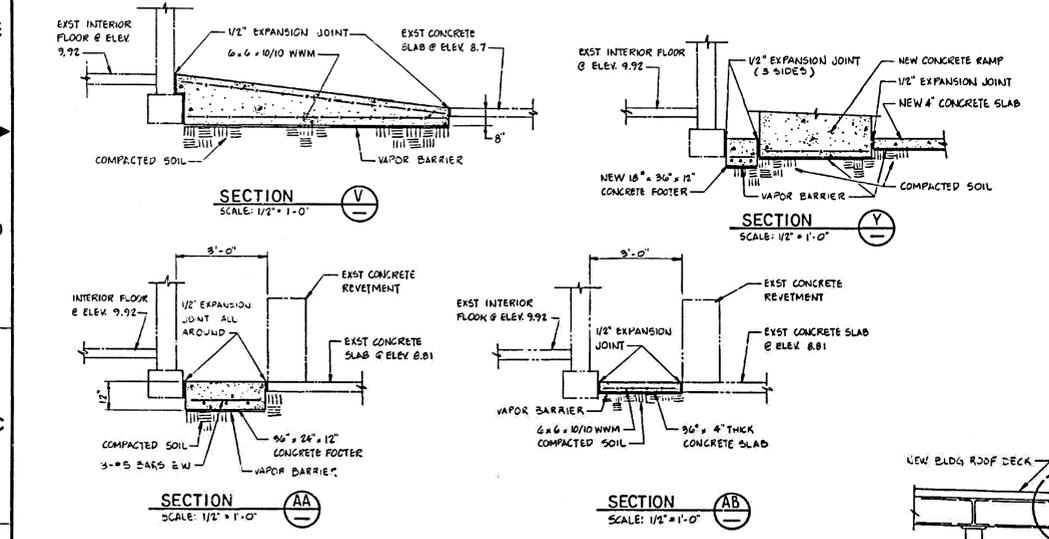
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-017.DWG				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3810 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 289-2950				
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 3		
SUBMITTED J. BELL	06/10/13	BUILDING 66220 AS-BUILTS		
ST OF LICENSEURE: FL LICENSE NO: 69033	06/10/13	FILE NO.	SIZE DWG. NO. F 79K39391	REV
APPROVED D. TOTH	6/10/13	PROJ. NO. 97963.9	SHEET 24	

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- NOTES:**
- BEFORE STARTING EARTHWORK, THE LOCATION OF UNDERGROUND UTILITIES SHALL BE VERIFIED BY HAND METHODS. UTILITIES TO BE LEFT IN PLACE SHALL BE PROTECTED FROM DAMAGE.
  - FILL SHALL BE FREE FROM ROOTS, DEBRIS, OR STONES LARGER THAN 3". FILL SHALL BE PLACED IN HORIZONTAL LAYERS NOT MORE THAN 8" IN LOOSE DEPTHS AND THEN UNIFORMLY COMPACTED. COMPACTION SHALL BE DONE BY SUITABLE EQUIPMENT TO OBTAIN NOT LESS THAN 95% MAXIMUM DENSITY PER AASHTO-T-180.
  - ALL CONCRETE SHALL CONFORM TO AND BE PLACED IN ACCORDANCE WITH ACI 318-03 SPECIFICATIONS AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS.
  - ALL REINFORCING STEEL SHALL CONFORM TO ASTM-A615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM-A185.
  - NEW CONCRETE SLABS AND FOOTINGS SHALL HAVE AN UNDER SLAB VAPOR BARRIER AND SHALL BE A MIN. 4 MIL POLYETHYLENE VINYL CHLORINATED PLASTIC SHEET.
  - SINGLE PERSONNEL DOOR SHALL BE 3'-0" X 6'-8" X 1 3/4" 20 GA. STEEL (MINIMUM), SHOP PRIMED, BONEYCOMBED REINFORCEMENTS, FLOSH DESIGN.
  - SINGLE PERSONNEL DOOR FRAME SHALL BE 16 GA., SHOP PRIMED STEEL FRAME COMPLETE WITH CLIPS AND EXTENSIONS AS REQUIRED.
  - PERSONNEL DOOR SHALL HAVE 1 1/2 PAIRS FULL MORTISE STEEL, 4 1/2" X 4 1/2" BOTTOM TIP RINGS, STANDARD WEIGHTS.
  - PERSONNEL DOOR SHALL HAVE:
    - LOCKSET: BEST P/N 83K-7AD4-A-SX-626 (OR APPVD. EQUAL)
    - CYLINDER CORE: 7-PIN, REMOVABLE CORE TYPE BEST LOCK CO. CORE NO. TATAL OF 7AT42
    - CLOSER: ROSSMIN P/N P-2800-4 (OR APPVD. EQUAL)
    - STRIKE: AS SUPPLIED WITH LOCKSET
    - THRESHOLD: ZERO P/N 8654 ALUMINUM (OR APPVD. EQUAL)
  - PERSONNEL DOOR AND FRAME SHALL BE PAINTED WITH TWO FINISH COATS OF A LATEX SEMI-GLOSS ENAMEL SUITABLE FOR EXTERIOR TYPE USE. COLOR SHALL APPROXIMATE FED-STD-595 A, COLOR NO. 14473. PAINT SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
  - GUTTERS AND DOWN SPOTS SHALL BE BOX SECTIONS OF 26 GAUGE GALVANIZED STEEL. GUTTERS SHALL A MINIMUM CROSS SECTION OF 36 SQUARE INCHES.



SYM	ZONE	DESCRIPTION	DATE	APPROVED
SIGNATURES				
DRAWN		DATE	REVISIONS	
CHECKED		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
ENGINEER		DATE	JOHN F. KENNEDY SPACE CENTER, NASA	
SUBMITTED		DATE	KENNEDY SPACE CENTER, FLORIDA	
APPROVED		DATE	CCAFS	
TITLE		DATE	BUILDING 66220	
SUBMITTED		DATE	ROOFED SHED	
APPROVED		DATE	INSTALLATION	
TITLE		DATE	FOUNDATION PLAN, SECTIONS, & DETAILS	
SUBMITTED		DATE	81K00753	
APPROVED		DATE	81K00753	
TITLE		DATE	81K00753	
SUBMITTED		DATE	81K00753	
APPROVED		DATE	81K00753	
TITLE		DATE	81K00753	

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 289-2950				
SIGNATURES		DATE		
DRAWN		06/10/13		
CHECKED		06/10/13		
SUBMITTED		06/10/13		
APPROVED		06/10/13		
TITLE		06/10/13		
SUBMITTED		06/10/13		
APPROVED		06/10/13		
TITLE		06/10/13		

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

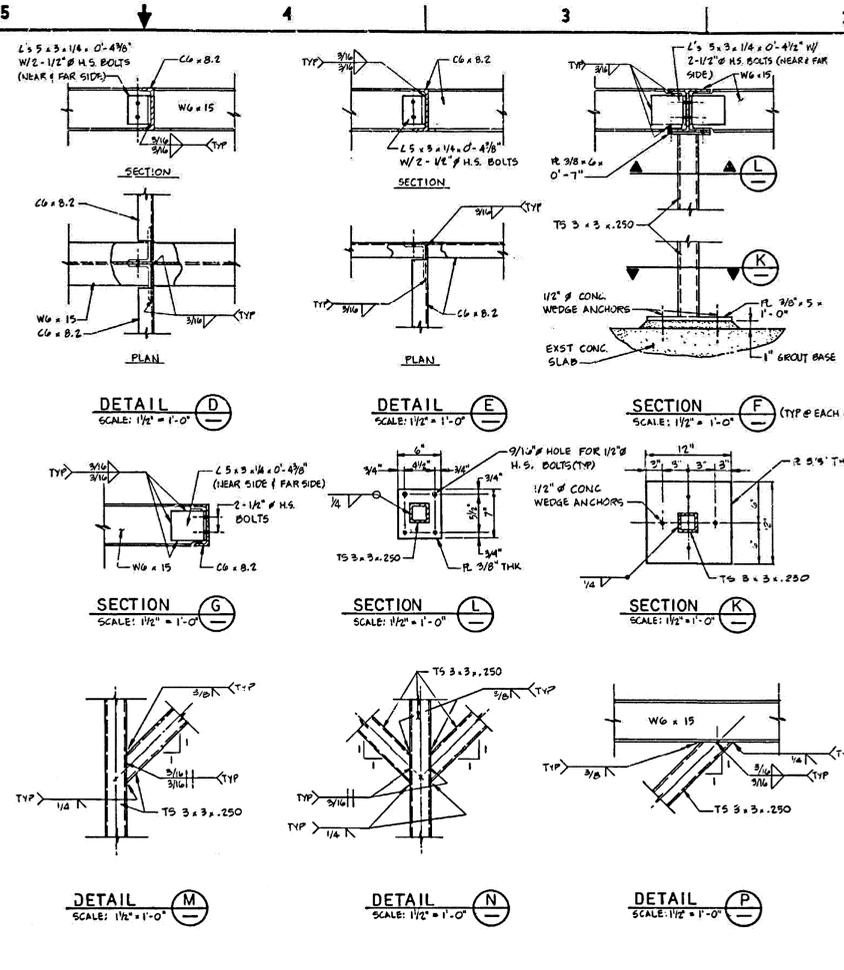
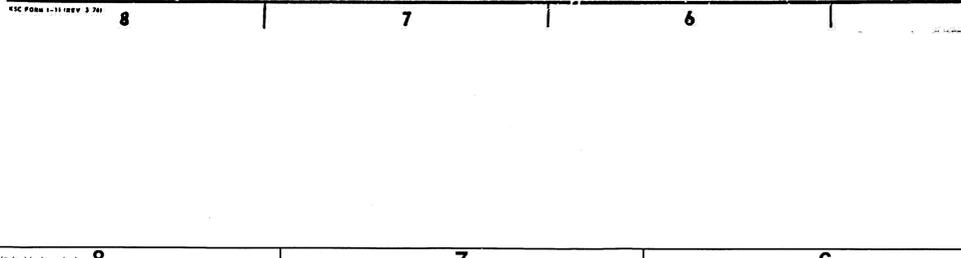
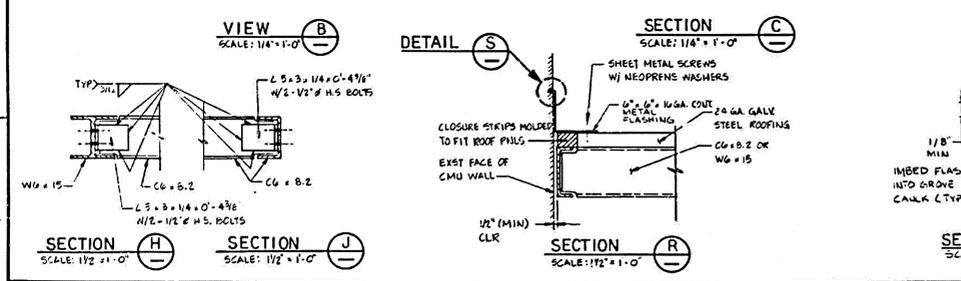
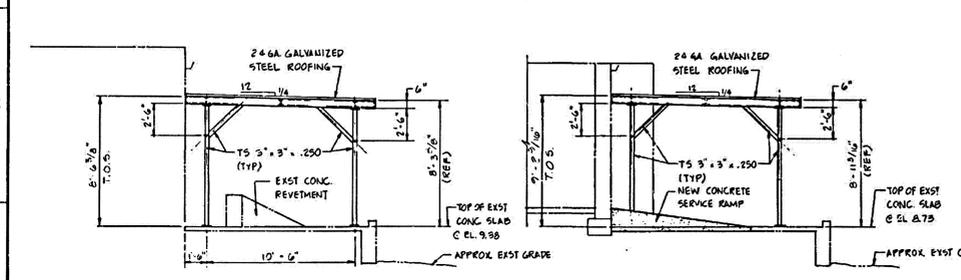
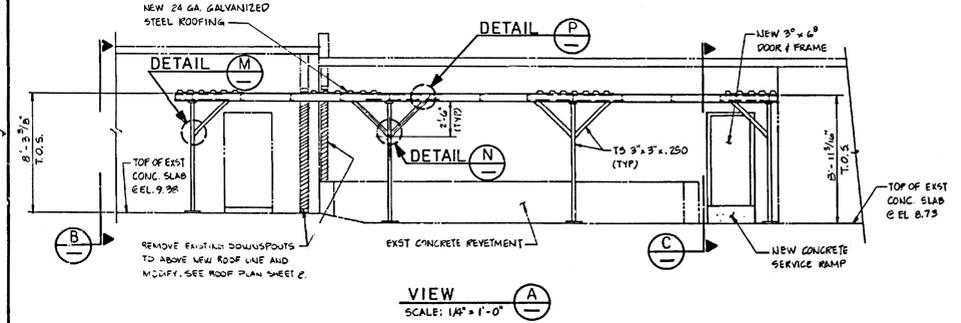
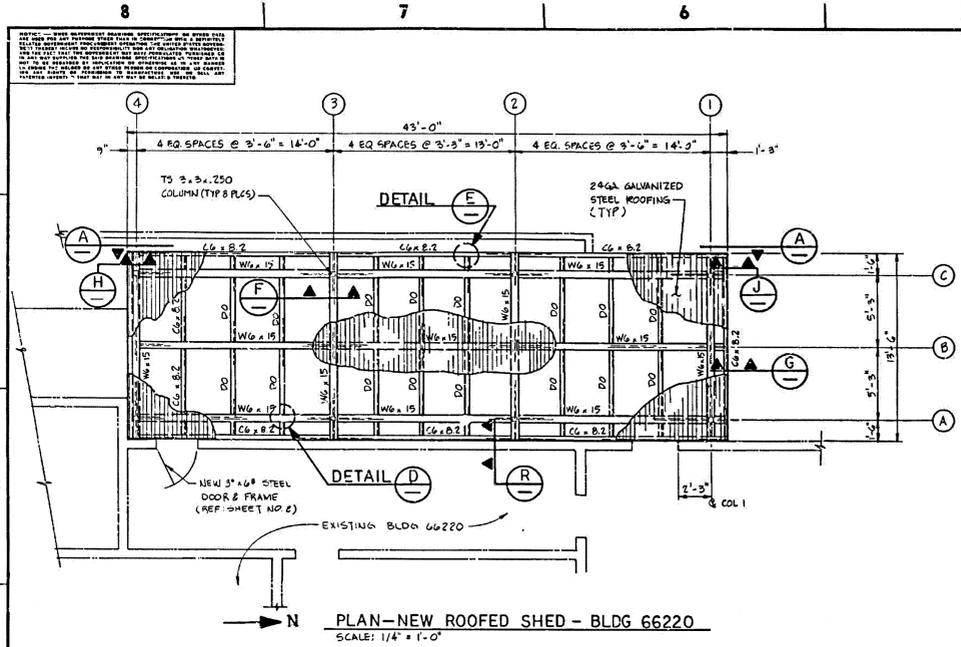
**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**BUILDING 66220 AS-BUILTS**

FILE NO.	SIZE	DWG. NO.	REV
D18	F	79K39391	
PROJ. NO. 97963.9	SHEET 25		

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- NOTES:**
1. THE SUBCONTRACTOR SHALL DISCONNECT AND REMOVE MISCELLANEOUS EQUIPMENT AS INDICATED FOR THE INSTALLATION OF NEW WORK.
  2. THE SUBCONTRACTOR SHALL DISPOSE OF DEBRIS, RUBBISH, SCRAP, AND OTHER MATERIALS RESULTING FROM REMOVAL OPERATIONS AS DIRECTED BY THE CONTRACTOR.
  3. THE SUBCONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIS WORK AT NO ADDITIONAL COST TO THE CONTRACTOR.
  4. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL"; 8TH EDITION.
  5. THE SUBCONTRACTOR SHALL PREPARE AND PROVIDE ALL SHOP DRAWINGS REQUIRED FOR THE FABRICATION, CONSTRUCTION, AND ERECTION OF THE BUILDING. THESE SHOP DRAWINGS SHALL SHOW ALL MEMBER SIZES AND BE SUBMITTED FOR ENGINEERING REVIEW WITH RESPECT TO COMPLIANCE IN GENERAL UNDER START OF CONSTRUCTION.
  6. ALL STRUCTURAL STEEL PLATES AND SHAPES SHALL BE ASTM-A36 (36 KSI MIN. YIELD) UNLESS OTHERWISE NOTED.
  7. ALL SQUARE TUBING SHALL BE ASTM-A500 GR. B (46 KSI MIN. YIELD) UNLESS OTHERWISE NOTED.
  8. ALL NEW BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED AND CONFORM TO ASTM-A325 UNLESS OTHERWISE NOTED.
  9. ALL NEW CONCRETE ANCHORS SHALL BE 1/2" REDHEAD WEDGE ANCHORS, PHILLIPS DRILL CO. OR APPROVED EQUAL. INSTALL ANCHORS PER MANUFACTURERS INSTRUCTIONS.
  10. NEW ROOFING PANELS SHALL BE #24 GAUGE CALV. STEEL, 1 1/2" CORRUGATED, PLAIN MILL FINISH.
  11. ROOFING TO ROOFING FASTENERS SHALL BE GALVANIZED NO. 14; TYPE A.B., SELF TAPPING SCREWS WITH NEOPRENE WASHERS.
  12. ROOFING TO STRUCTURE FASTENERS SHALL BE GALVANIZED HEX HEAD SCREWS WITH NEOPRENE WASHERS.
  13. ALL WELDING SHALL BE PERFORMED AND CONFORMED TO AWS D1.1 SPECIFICATIONS.
  14. ALL STEEL SURFACES SHALL BE SANDBLASTED TO NEAR WHITE PER SSPC-SP10-63T. APPLY 2-4 MILS DPT L'ORGANIC ZINC PRIMER. APPLY 2-3 MILS DPT EPOXY POLYAMIDE "EPOCOAT", SUCH AS DEVCON/MAPO 516 CHEMFAST OR APPROVED EQUAL. APPLY 2-3 MILS DPT ALIPHATIC POLYURETHANE TOPCOAT, SUCH AS DEVCON/MAPO 8539 OR APPROVED EQUAL. COLOR SHALL BE GAY #16473, PER FED-STD-595A. FIELD TOUCH-UP AS REQUIRED.

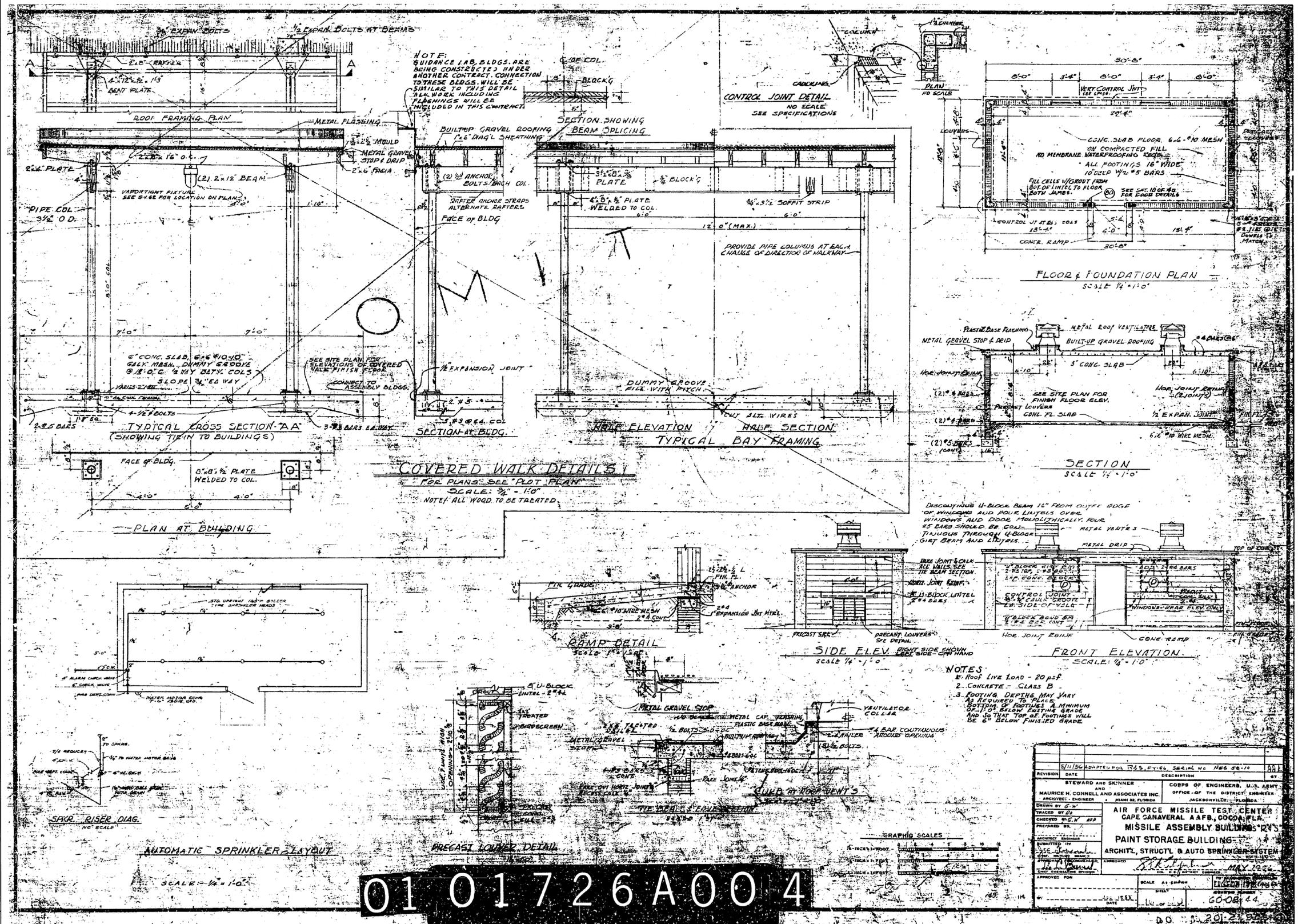
SYMBOL	DATE	DESCRIPTION	DATE	APPROVED
SIGNATURES				
DRAWN: C. COFFEY 2/17/11				
CHECKED: K. RIVERA 5/11/13				
ENGINEER: A. J. ALLMAN 5/13/11				
SUBMITTED: _____				
APPROVED: _____ DATE: 6/10/13				
TITLE BRANCH MANAGER: _____				

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: 14000212P3-D19.DWG				
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA CCAFS BUILDING 66220 ROOFED SHED INSTALLATION STRUCT. PLAN, SECTIONS & DETAILS DWG. NO. 81K00753 PROJECT WPCN 101939 SHEET 3				
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 3		
SUBMITTED BELL	06/10/13	BUILDING 66220 AS-BUILTS		
ST OF LICENSURE: FL LICENSE NO: 69033	06/10/13	FILE NO.	SIZE F	DWG. NO. 79K39391
APPROVED D. OTERO	6/10/13	PROJ. NO. 97963.9	SHEET 26	REV

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REVISION	DATE	DESCRIPTION
1		ADAPTED FOR RAS EYEL SERIAL NO. NEG 30-70
2		MAURICE H. CONNELL AND ASSOCIATES INC. ARCHITECT - ENGINEER JACKSONVILLE, FLORIDA
3		COBPS OF ENGINEERS, U.S. ARMY OFFICE OF THE DISTRICT ENGINEER JACKSONVILLE, FLORIDA
<b>AIR FORCE MISSILE TEST CENTER          CAPE CANAVERAL AFB, GUNCO, FLA.          MISSILE ASSEMBLY BUILDING 223          PAINT STORAGE BUILDING          ARCHIT. STRUCTL. &amp; AUTO SPRINKLER SYSTEM</b>		
SCALE AS SHOWN	SHEET	PROJECT NO.
DATE	DATE	DATE

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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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 3		
SUBMITTED J. BELL	06/10/13	BUILDING 66200 AS-BUILTS		
ST OF LICENSEURE: FL LICENSE NO: 69033	06/10/13	FILE NO.	SIZE F	DWG. NO. 79K39391
APPROVED D. OTERO	6/11/13	PROJ. NO. 97963.9	SHEET	27

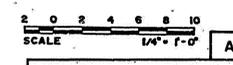
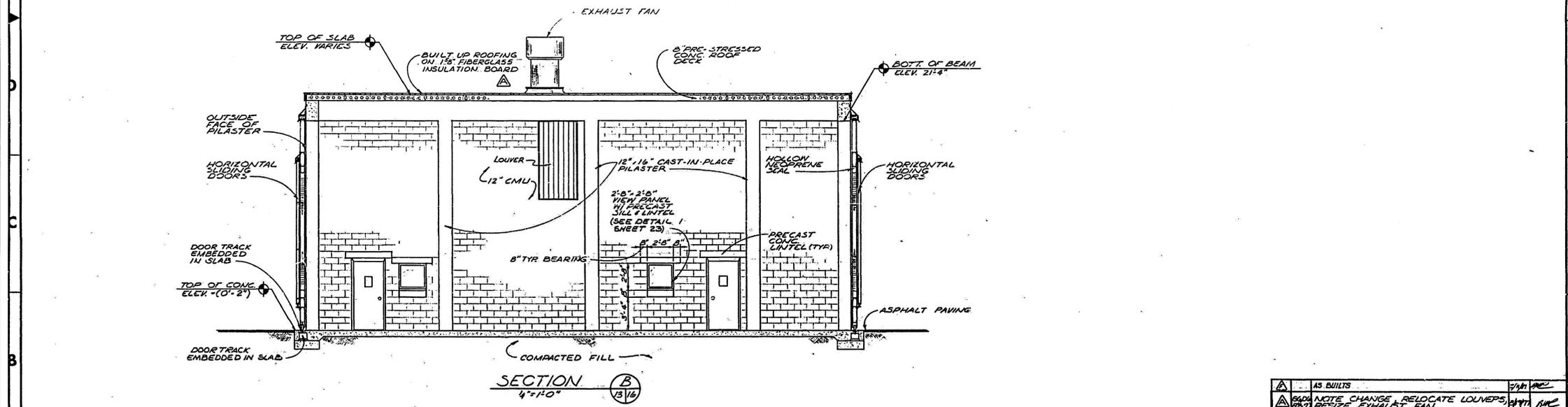
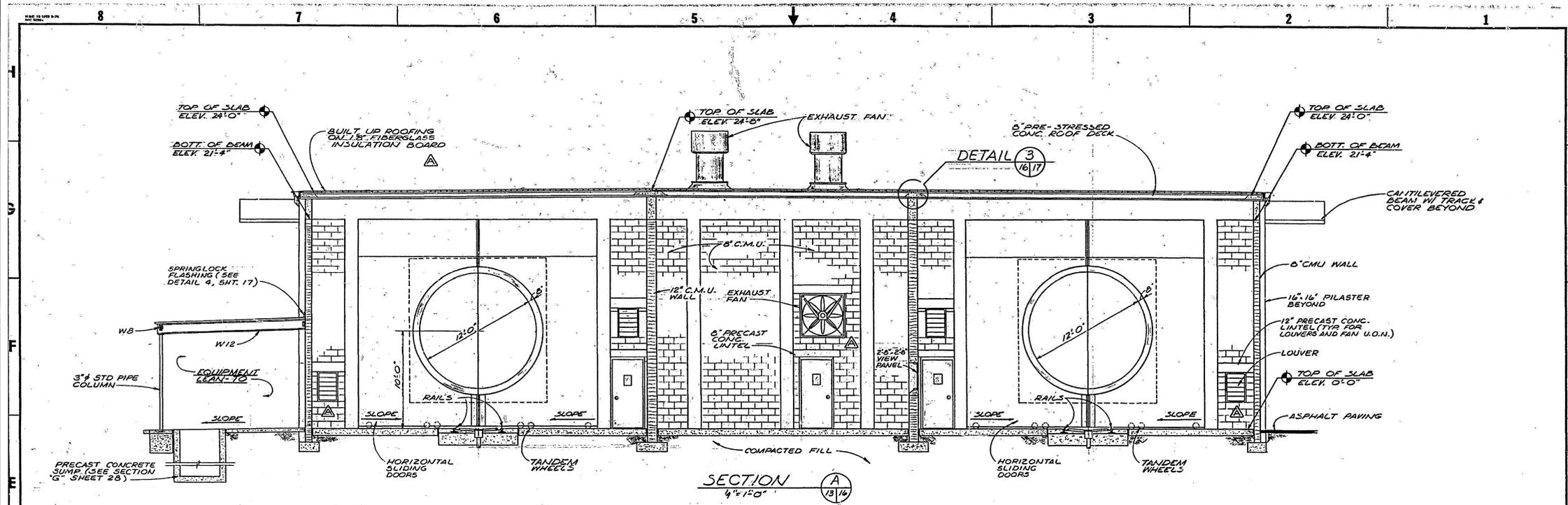




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AS BUILTS	DATE	BY	APPROVED
RELOCATE LOUVERS	6/10/13	C. COFFEY	[Signature]
RELOCATE EXHAUST FAN	6/10/13	[Signature]	[Signature]

SIGNATURES	DATE	DESCRIPTION
[Signature]	6/10/13	DRAWN
[Signature]	6/10/13	CHECKED
[Signature]	6/10/13	ENGINEER
[Signature]	6/10/13	APPROVED

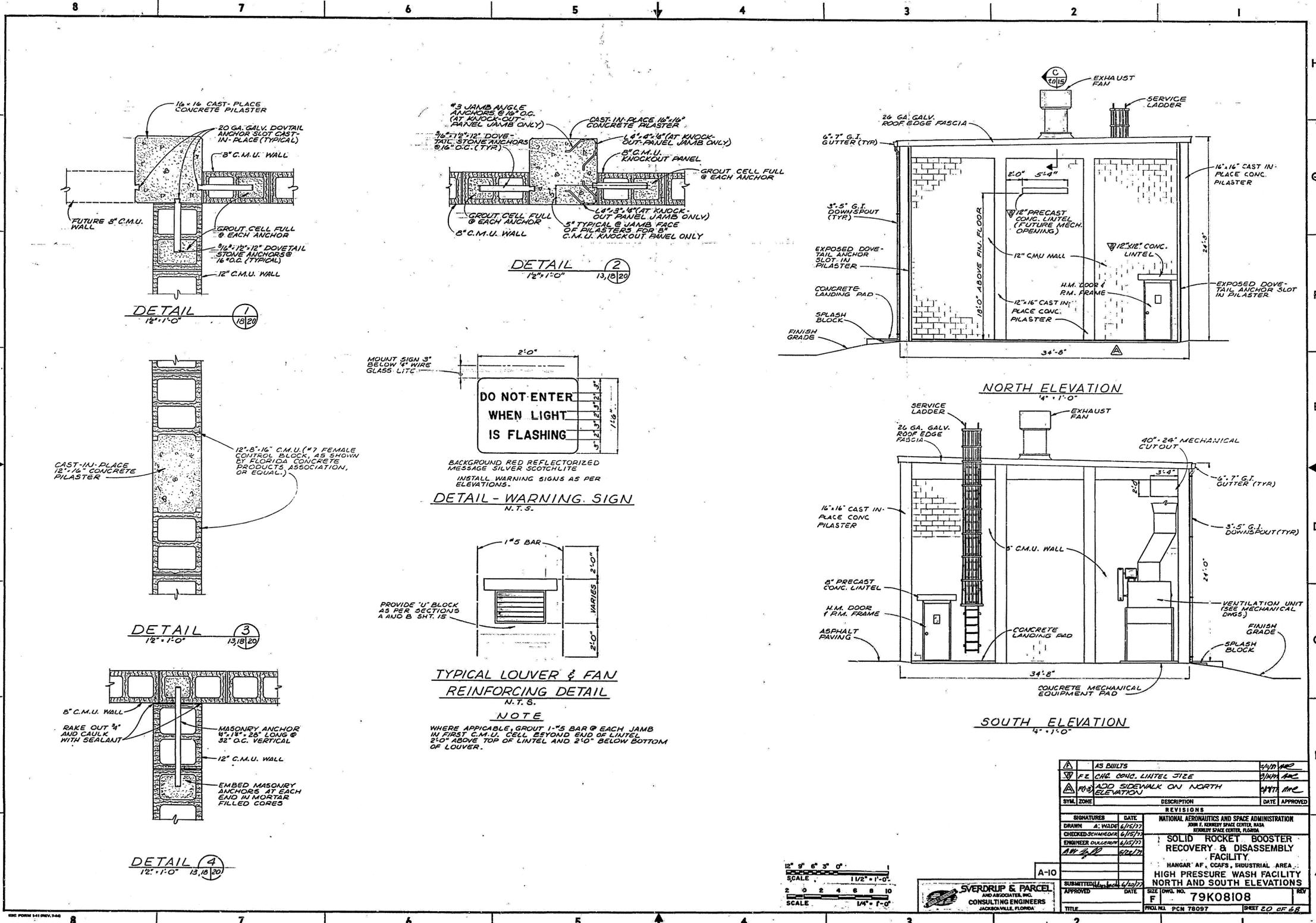
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
JOHN F. KENNEDY SPACE CENTER, NASA	
KENNEDY SPACE CENTER, FLORIDA	
SOLID ROCKET BOOSTER RECOVERY & DISASSEMBLY FACILITY	
HANGAR AF, CCAFS, INDUSTRIAL AREA	
FIRST WASH FACILITY SECTIONS	
SUBMITTED	6/10/13
APPROVED	6/10/13
SHEET NO.	F 79K08108
PROJECT NO.	PCN 78097
TITLE	SHEET 10 OF 60

THIS SPACE RESERVED			
SYM	ZONE	DESCRIPTION	DATE
REVISIONS			
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D23.DWG			
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-6821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 289-2950			
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3	
SUBMITTED	06/10/13	BUILDING 66242 AS-BUILTS	
APPROVED	06/10/13	ST of LICENSURE: FL LICENSE NO: 69033	
FILE NO.	SIZE	DWG. NO.	REV
D23	F	79K39391	
PROJ. NO. 97963.9		SHEET 30	



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SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
AS BUILTS				
FE		CHG. CONC. LINTEL SIZE		
RS		ADD SIDEWALK ON NORTH ELEVATION		

SIGNATURES		DATE	REVISIONS
DRAWN	A. WALDE	6/15/13	
CHECKED	SCHNEIDER	6/15/13	
ENGINEER	DUNSMITH	6/15/13	
APPROVED		6/15/13	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
JOHN F. KENNEDY SPACE CENTER, NASA	
KENNEDY SPACE CENTER, FLORIDA	
SOLID ROCKET BOOSTER RECOVERY & DISASSEMBLY FACILITY	
HANGAR #F, CCAFS, INDUSTRIAL AREA	
HIGH PRESSURE WASH FACILITY	
NORTH AND SOUTH ELEVATIONS	
SUBMITTED	DATE: 6/15/13
APPROVED	DATE: 6/15/13
SIZE	DWG. NO. 79K08108
TITLE	PROJ. NO. PCN 78097
	SHEET 20 OF 22

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SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
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**JONES EDMUNDS**

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 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 | (921) 289-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA
CHECKED	06/10/13	KENNEDY SPACE CENTER, FLORIDA
SUBMITTED	06/10/13	
APPROVED	06/10/13	

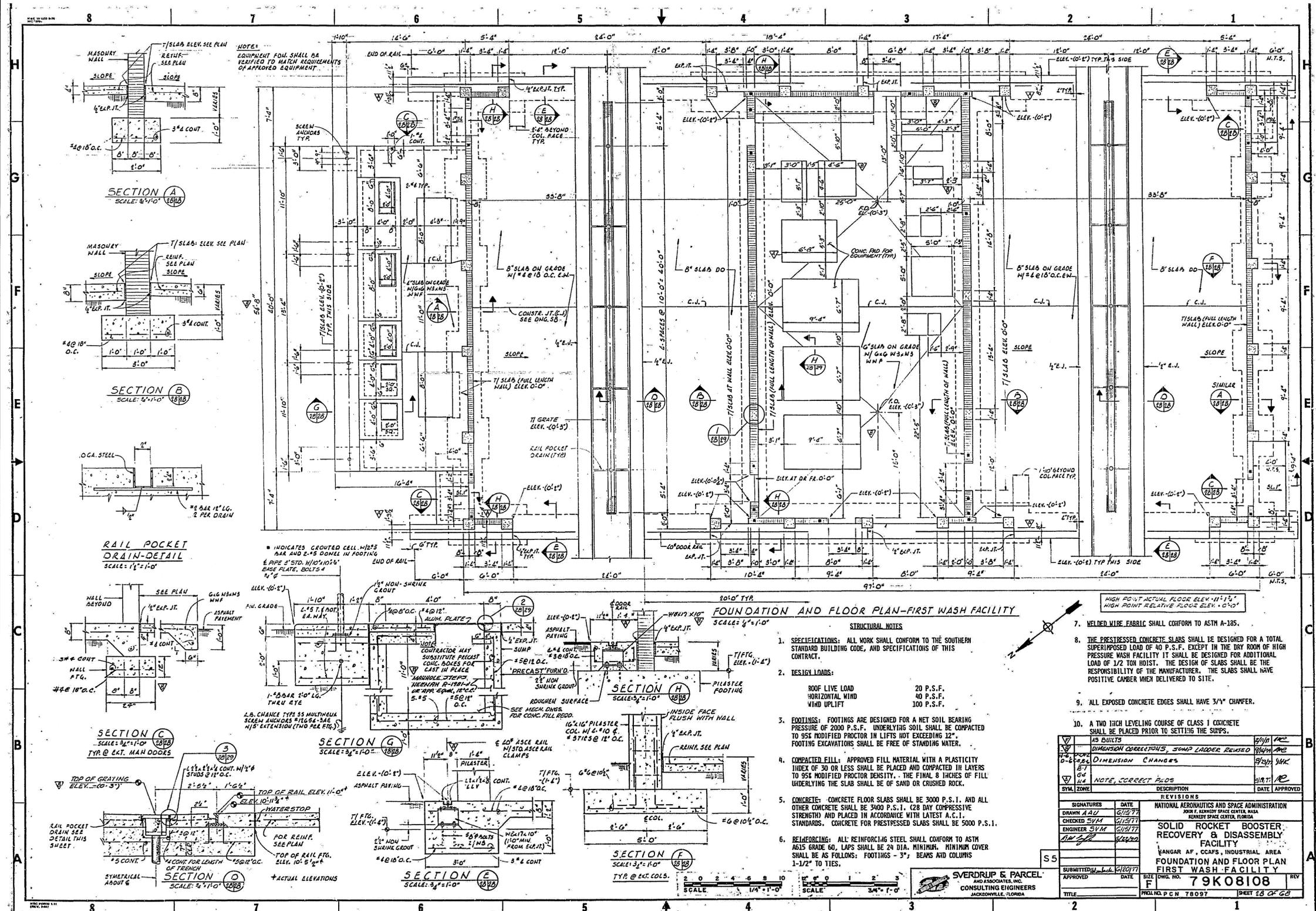
**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**BUILDING 66242 AS-BUILTS**

FILE NO.	SIZE	DWG. NO.	REV
	F	79K39391	
PROJ. NO. 97963.9	SHEET 32		

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**FOUNDATION AND FLOOR PLAN—FIRST WASH FACILITY**

- STRUCTURAL NOTES**
- SPECIFICATIONS: ALL WORK SHALL CONFORM TO THE SOUTHERN STANDARD BUILDING CODE, AND SPECIFICATIONS OF THIS CONTRACT.
  - DESIGN LOADS:
 

ROOF LIVE LOAD	20 P.S.F.
HORIZONTAL WIND	40 P.S.F.
WIND UPLIFT	100 P.S.F.
  - FOOTINGS: FOOTINGS ARE DESIGNED FOR A NET SOIL BEARING PRESSURE OF 2000 P.S.F. UNDERLYING SOIL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR IN LIFTS NOT EXCEEDING 12". FOOTING EXCAVATIONS SHALL BE FREE OF STANDING WATER.
  - COMPACTED FILL: APPROVED FILL MATERIAL WITH A PLASTICITY INDEX OF 30 OR LESS SHALL BE PLACED AND COMPACTED IN LAYERS TO 95% MODIFIED PROCTOR DENSITY. THE FINAL 8 INCHES OF FILL UNDERLYING THE SLAB SHALL BE OF SAND OR CRUSHED ROCK.
  - CONCRETE: CONCRETE FLOOR SLABS SHALL BE 3000 P.S.I. AND ALL OTHER CONCRETE SHALL BE 3400 P.S.I. (28 DAY COMPRESSIVE STRENGTH) AND PLACED IN ACCORDANCE WITH LATEST A.C.I. STANDARDS. CONCRETE FOR PRESTRESSED SLABS SHALL BE 5000 P.S.I.
  - REINFORCING: ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60, LAPS SHALL BE 24 DIA. MINIMUM. MINIMUM COVER SHALL BE AS FOLLOWS: FOOTINGS - 3"; BEAMS AND COLUMNS 1-1/2" TO TIES.

7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

8. THE PRESTRESSED CONCRETE SLABS SHALL BE DESIGNED FOR A TOTAL SUPERIMPOSED LOAD OF 40 P.S.F. EXCEPT IN THE DRY ROOM OF HIGH PRESSURE WASH FACILITY IT SHALL BE DESIGNED FOR ADDITIONAL LOAD OF 1/2 TON HOIST. THE DESIGN OF SLABS SHALL BE THE RESPONSIBILITY OF THE MANUFACTURER. THE SLABS SHALL HAVE POSITIVE CAMBER WHEN DELIVERED TO SITE.

9. ALL EXPOSED CONCRETE EDGES SHALL HAVE 3/4" CHAMFER.

10. A TWO HIGH LEVELING COURSE OF CLASS I CONCRETE SHALL BE PLACED PRIOR TO SETTING THE SLABS.

SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
AS BUILTS				
DIMENSION CORRECTIONS, SUMP LADDER REVISION				
DIMENSION CHANGES				
NOTE, CORRECT PLOBS				

SIGNATURES		DATE		REVISIONS	
DRAWN	A. J. J.	06/10/13			
CHECKED	S. V. M.	06/10/13			
ENGINEER	S. V. M.	06/10/13			
DATE	06/10/13				

SIGNATURES		DATE		REVISIONS	
DRAWN	C. COFFEY	06/10/13			
CHECKED	K. RIVERA	06/10/13			
SUBMITTED	BELL	06/10/13			
DATE	06/10/13				

SIGNATURES		DATE		REVISIONS	
DRAWN	C. COFFEY	06/10/13			
CHECKED	K. RIVERA	06/10/13			
SUBMITTED	BELL	06/10/13			
DATE	06/10/13				

SIGNATURES		DATE		REVISIONS	
DRAWN	C. COFFEY	06/10/13			
CHECKED	K. RIVERA	06/10/13			
SUBMITTED	BELL	06/10/13			
DATE	06/10/13				

SIGNATURES		DATE		REVISIONS	
DRAWN	C. COFFEY	06/10/13			
CHECKED	K. RIVERA	06/10/13			
SUBMITTED	BELL	06/10/13			
DATE	06/10/13				

SIGNATURES		DATE		REVISIONS	
DRAWN	C. COFFEY	06/10/13			
CHECKED	K. RIVERA	06/10/13			
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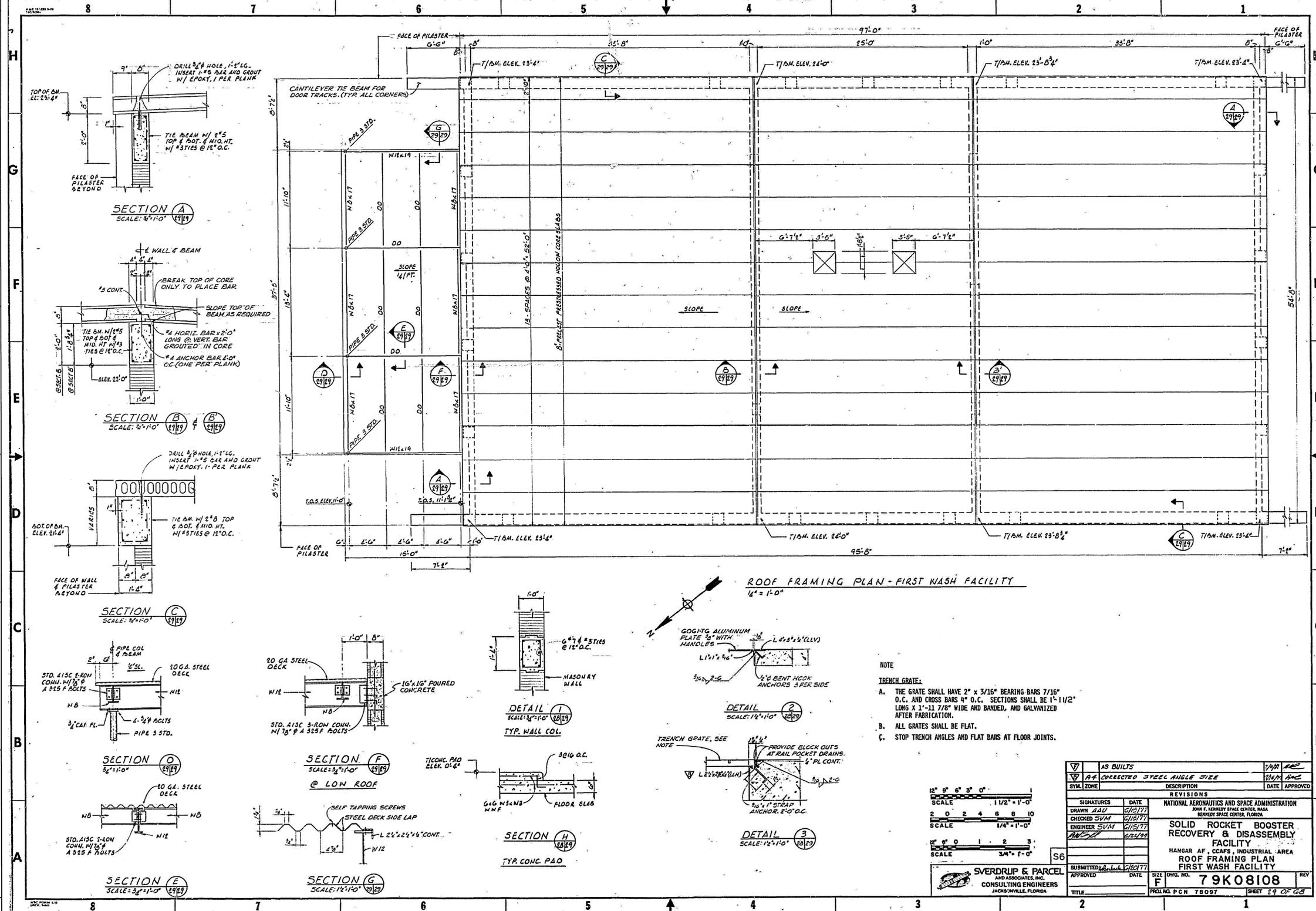
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SIGNATURES		DATE		REVISIONS	
DRAWN	C.				

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**ROOF FRAMING PLAN - FIRST WASH FACILITY**  
1/4" = 1'-0"

- NOTE**
- TRENCH GRATE:**
- THE GRATE SHALL HAVE 2" x 3/16" BEARING BARS 7/16" O.C. AND CROSS BARS 4" O.C. SECTIONS SHALL BE 1 1/2" LONG X 1'-11 7/8" WIDE AND BANDED, AND GALVANIZED AFTER FABRICATION.
  - ALL GRATES SHALL BE FLAT.
  - STOP TRENCH ANGLES AND FLAT BARS AT FLOOR JOINTS.

SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
AS BUILTS				
AS CORRECTED		STEEL ANGLE SIZE		

SIGNATURES		DATE	REVISIONS
DRW	SWM	06/10/13	1
CHKD	SWM	06/10/13	2
ENGR	SWM	06/10/13	3
APP	SWM	06/10/13	4

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		SCALE: 1/2" = 1'-0"
KENNEDY SPACE CENTER, NASA		SCALE: 1/4" = 1'-0"
RECOVERY & DISASSEMBLY FACILITY		SCALE: 3/4" = 1'-0"
HANGAR AF, CCAPS, INDUSTRIAL AREA		
ROOF FRAMING PLAN		
FIRST WASH FACILITY		
SUBMITTED	DATE	SCALE
APPROVED	DATE	
SVERDRUP & PARCEL AND ASSOCIATES, INC. CONSULTING ENGINEERS JACOBSVILLE, FLORIDA		
PROJECT NO. 78097		
DRAWING NO. 79K08108		
SHEET 29 OF 68		

THIS SPACE RESERVED

SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D27.DWG				

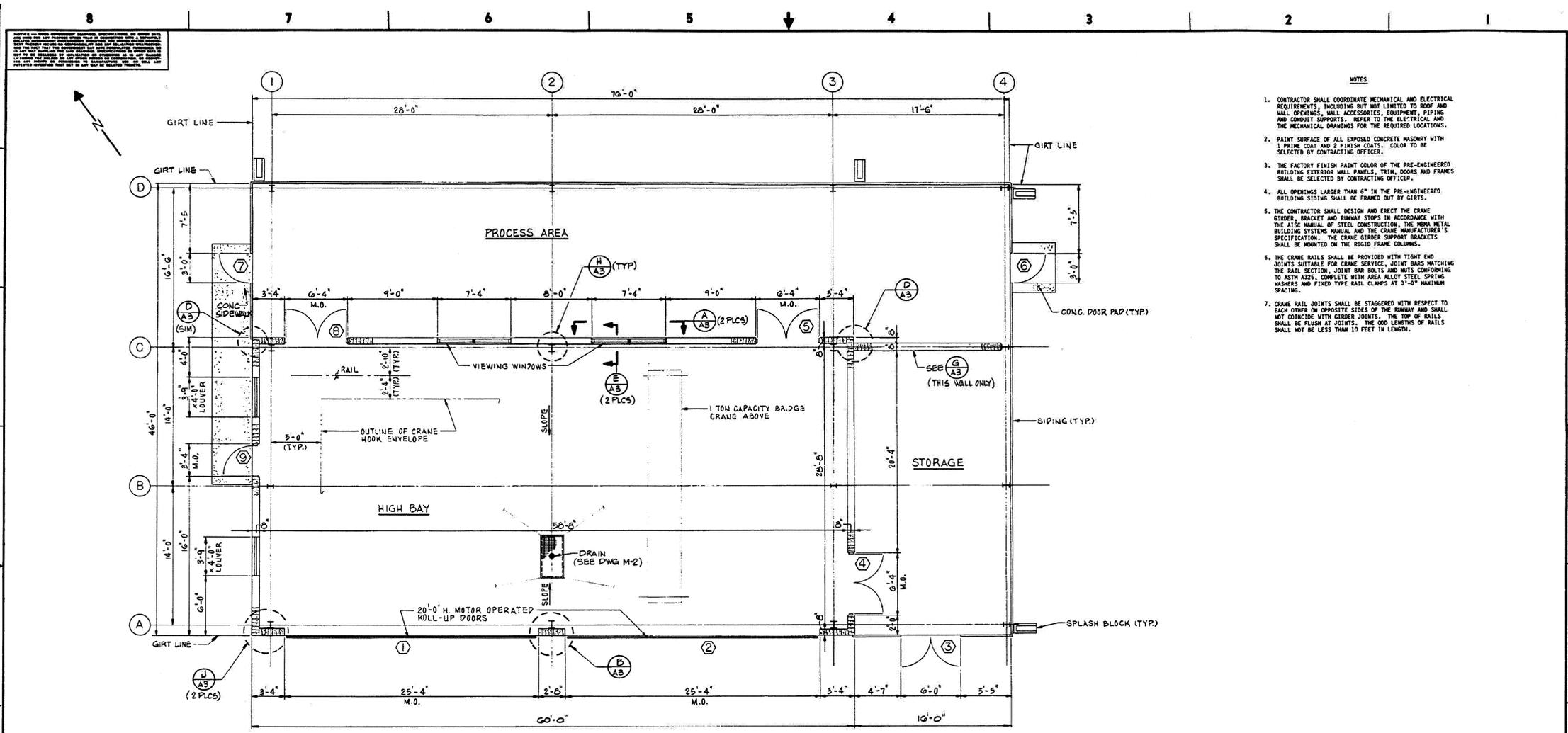
**JONES EDMUNDS**

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: C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED: K. RIVERA	06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>
SUBMITTED: [Signature]	06/10/13	
STATE OF FLORIDA LICENSE NO: 69033	06/10/13	<b>BUILDING 66242 AS-BUILTS</b>
APPROVED: [Signature]	06/10/13	FILE NO. [ ] SIZE DWG. NO. [ ] REV [ ]
OTERO	06/10/13	PROJ. NO. 97963.9 SHEET 34

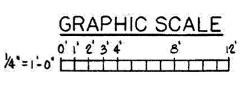
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- NOTES**
- CONTRACTOR SHALL COORDINATE MECHANICAL AND ELECTRICAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO ROOF AND WALL OPENINGS, WALL ACCESSORIES, EQUIPMENT, PIPING AND CONDUIT SUPPORTS. REFER TO THE ELECTRICAL AND MECHANICAL DRAWINGS FOR THE RECEIVED LOCATIONS.
  - PAINY SURFACE OF ALL EXPOSED CONCRETE MASONRY WITH 1 PRIME COAT AND 2 FINISH COATS. COLOR TO BE SELECTED BY CONTRACTING OFFICER.
  - THE FACTORY FINISH PAINT COLOR OF THE PRE-ENGINEERED BUILDING EXTERIOR WALL PANELS, TRIM, DOORS AND FRAMES SHALL BE SELECTED BY CONTRACTING OFFICER.
  - ALL OPENINGS LARGER THAN 6" IN THE PRE-ENGINEERED BUILDING SIDING SHALL BE FRAMED OUT BY GIRTS.
  - THE CONTRACTOR SHALL DESIGN AND ERECT THE CRANE GIRDERS, BRACKET AND RUNWAY STOPS IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION, THE METAL BUILDING SYSTEMS MANUAL AND THE CRANE MANUFACTURER'S SPECIFICATION. THE CRANE GIRDER SUPPORT BRACKETS SHALL BE MOUNTED ON THE RIGID FRAME COLUMNS.
  - THE CRANE RAILS SHALL BE PROVIDED WITH TIGHT END JOINTS SUITABLE FOR CRANE SERVICE. JOINT BARS MATCHING THE RAIL SECTION, JOINT BAR BOLTS AND NUTS CONFORMING TO ASTM A305, COMPLETE WITH AREA HALLOW STEEL SPRING WASHERS AND FIXED TYPE RAIL CLAMPS AT 3'-0" MAXIMUM SPACING.
  - CRANE RAIL JOINTS SHALL BE STAGGERED WITH RESPECT TO EACH OTHER ON OPPOSITE SIDES OF THE RUNWAY AND SHALL NOT COINCIDE WITH GIRDER JOINTS. THE TOP OF RAILS SHALL BE FLUSH AT JOINTS. THE GDD LENGTHS OF RAILS SHALL NOT BE LESS THAN 10 FEET IN LENGTH.

GROUND FLOOR PLAN FIN. FLOOR EL. 8'-0"  
 SCALE: 1" = 1'-0"  
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SYN. ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS			
1	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, FLORIDA KENNEDY SPACE CENTER, FLORIDA		
2	CAPE CANAVERAL AIR FORCE STATION THRUST VECTOR CONTROL DESERVICING FACILITY FLOOR PLAN		
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BRISCO INDUSTRIAL SERVICES CORP.  
 10000 W. WASHINGTON AVE., SUITE 200  
 OCOEE, FLORIDA 32762

THIS SPACE RESERVED

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730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-8621 3910 S WASHINGTON AVE., SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 289-2950			
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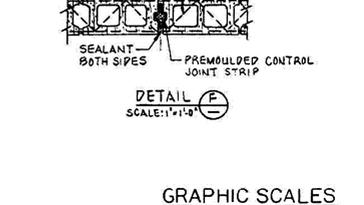
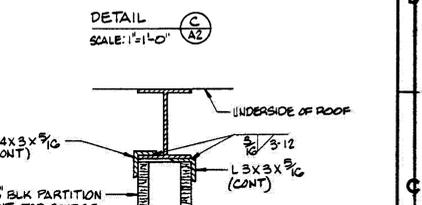
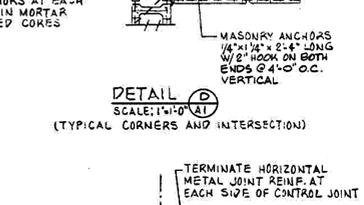
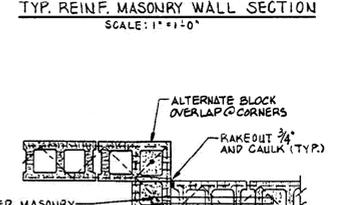
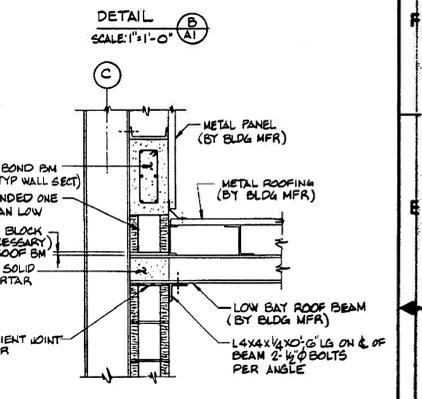
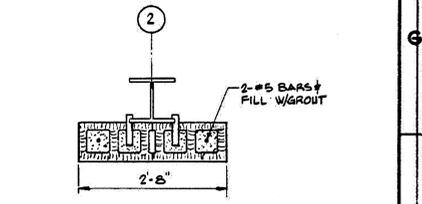
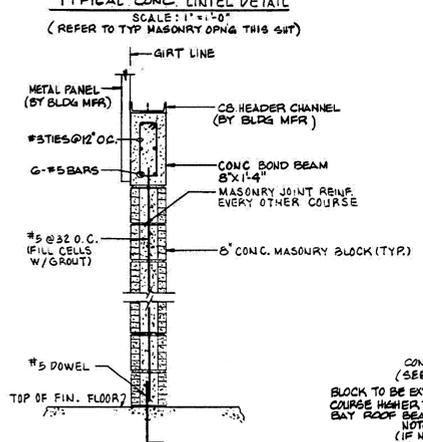
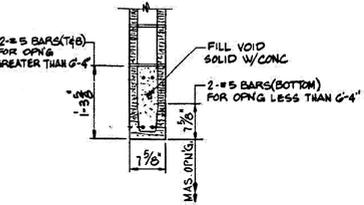
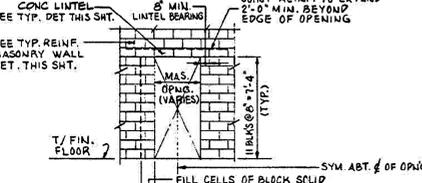
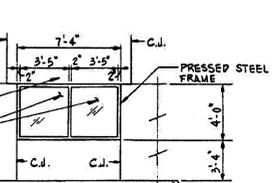
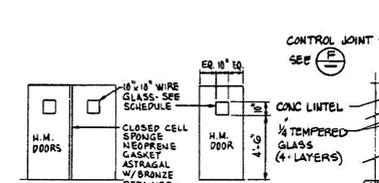
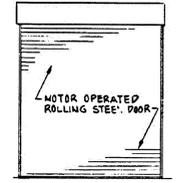
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DOOR SCHEDULE										
NO.	TYPE	SIZE	THK.	MAT'L	FRAME	HEAD	JAMB	SILL	GLASS	REMARKS
1	A	25'-0" x 20'-0"	BY	MANUFACTURER	---	---	---	---	---	REFERS TO SPECIFICATIONS
2	A	25'-0" x 20'-0"	BY	MANUFACTURER	---	---	---	---	---	REFERS TO SPECIFICATIONS
3	B	2'-3" x 7'-0"	1 3/4"	H.M.	P.S.	H-1	J-1	S-2	---	HW-1 MASONRY
4	B	2'-3" x 7'-0"	1 3/4"	H.M.	P.S.	H-1	J-1	S-2	---	HW-1 MASONRY
5	B	2'-3" x 7'-0"	1 3/4"	H.M.	P.S.	H-1	J-1	S-2	---	HW-1 MASONRY
6	C	3'-0" x 7'-0"	1 3/4"	H.M.	P.S.	BY MFR BY MFR S-1	---	---	---	HW-2
7	C	3'-0" x 7'-0"	1 3/4"	H.M.	P.S.	BY MFR BY MFR S-1	---	---	---	HW-2
8	B	2'-3" x 7'-0"	1 3/4"	H.M.	P.S.	H-1	J-1	S-2	---	HW-1 MASONRY
9	C	3'-0" x 7'-0"	1 3/4"	H.M.	P.S.	H-1	J-1	S-1	---	HW-2 MASONRY

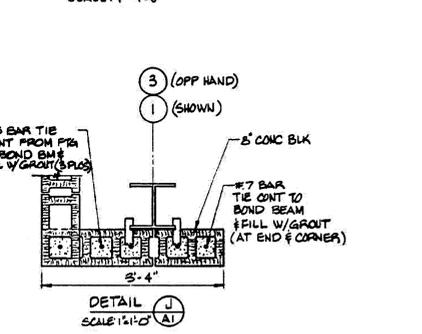
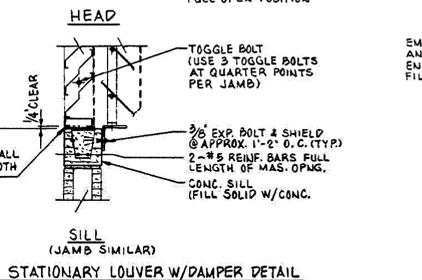
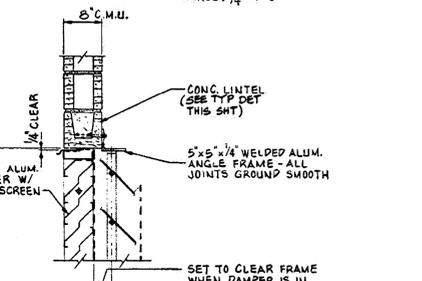
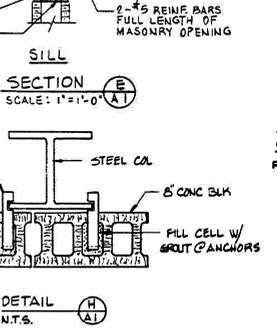
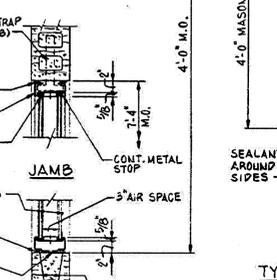
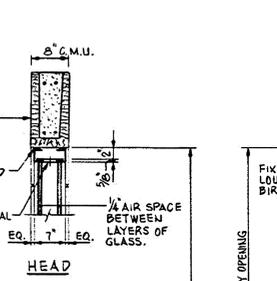
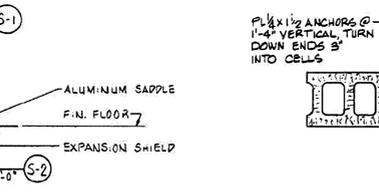
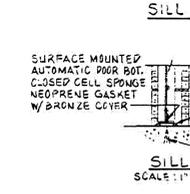
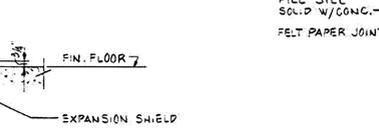
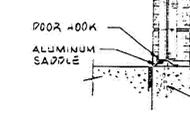
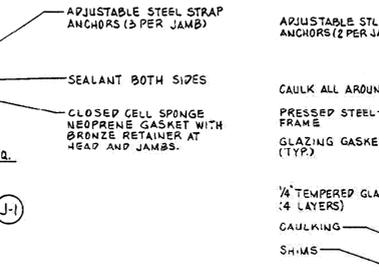
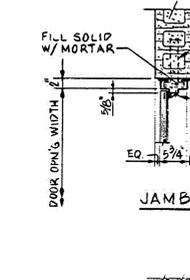
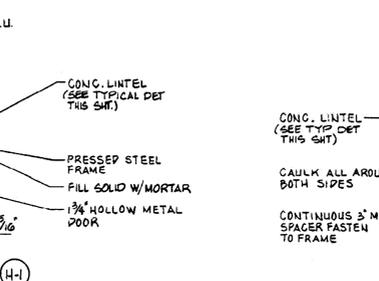
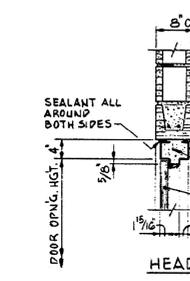
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DESCRIPTION	FLOOR	BASE	WALLS	DOORS	CEILING	REMARKS
HIGH BAY	CONC. W/ROOF	---	---	---	---	---
PROCESS AREA	CONC.	---	---	---	---	---
STORAGE	CONC.	---	---	---	---	---

A.F.F. = ABOVE FINISHED FLOOR



**DOOR TYPES**

**VIEW (A)**  
SCALE: 1/4" = 1'-0"



SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
SIGNATURES				
DR		DATE	REVISIONS	
DR		10/10/13	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DR		10/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
DR		10/10/13	CAPE CANAVERAL AIR FORCE STATION THRUST VECTOR CONTROL DESERVICING FACILITY SCHEDULES, SECTIONS & DETS.	
DR		10/10/13	79K25984	
DR		10/10/13	79K25984	
DR		10/10/13	79K25984	

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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 (321) 289-2950

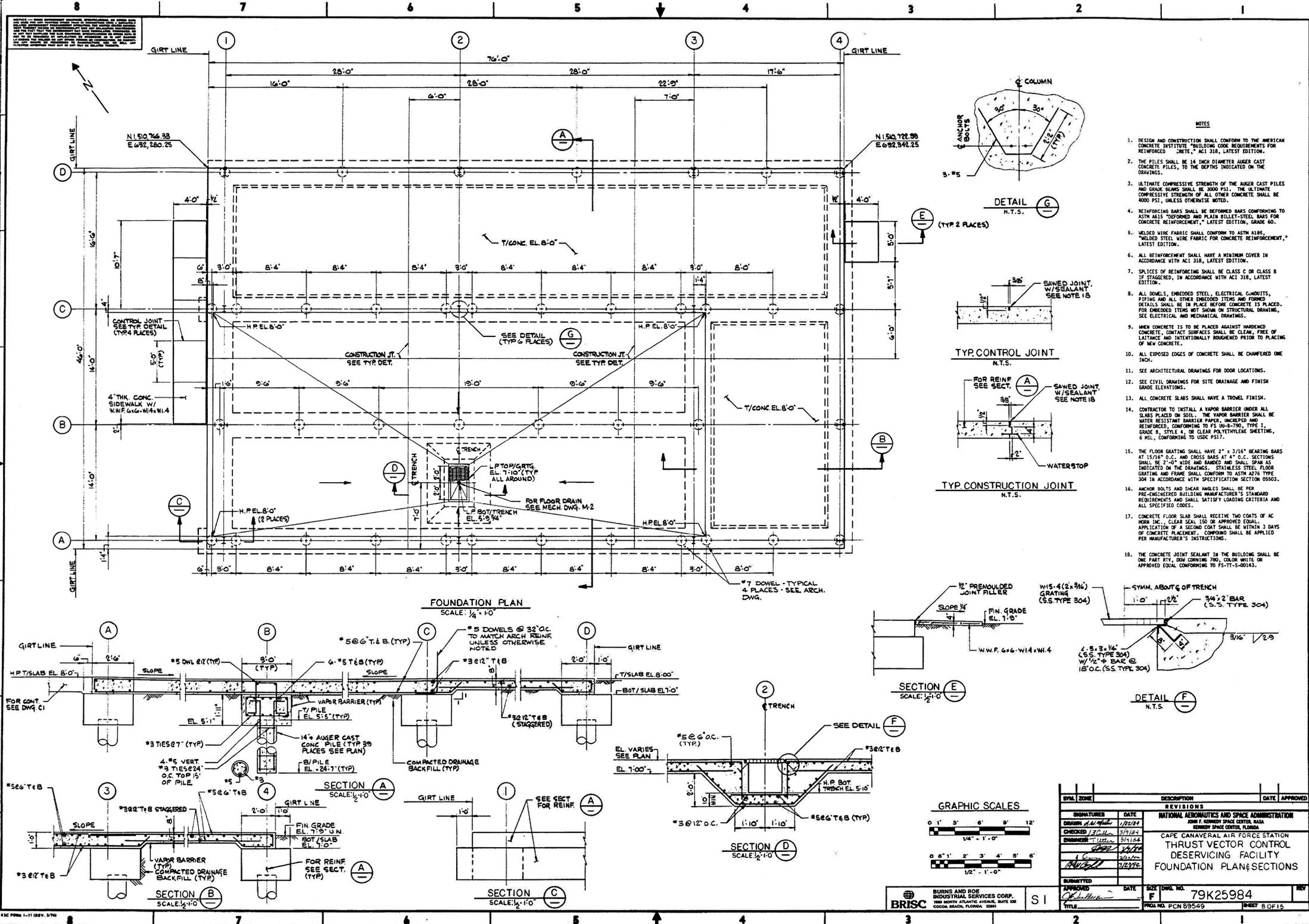
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DR		06/10/13	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DR		06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
DR		06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3		
DR		06/10/13	BUILDING 66249 AS-BUILTS		
DR		06/10/13	FILE NO.	SIZE	DWG. NO.
DR		06/10/13		F	79K39391
DR		06/10/13	PROJ. NO. 97963.9	SHEET	36

D29

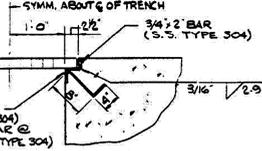
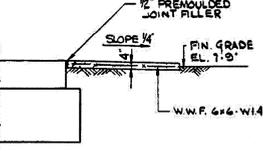
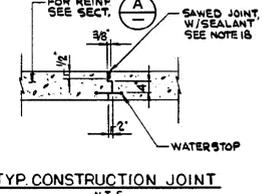
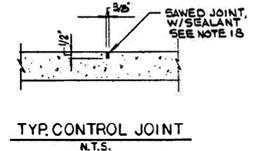
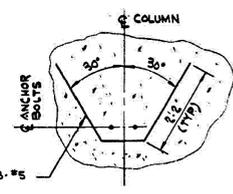
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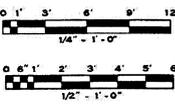
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- NOTES**
- DESIGN AND CONSTRUCTION SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318, LATEST EDITION.
  - THE PILES SHALL BE 14 INCH DIAMETER AUGER CAST CONCRETE PILES, TO THE DEPTHS INDICATED ON THE DRAWINGS.
  - ULTIMATE COMPRESSIVE STRENGTH OF THE AUGER CAST PILES AND GRADE BEAMS SHALL BE 3000 PSI. THE ULTIMATE COMPRESSIVE STRENGTH OF ALL OTHER CONCRETE SHALL BE 3000 PSI, UNLESS OTHERWISE NOTED.
  - REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO ASTM A618 "DEFORMED AND PLAIN BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT," LATEST EDITION, GRADE 60.
  - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, "WELDED STEEL WIRE FABRIC FOR CONCRETE REINFORCEMENT," LATEST EDITION.
  - ALL REINFORCEMENT SHALL HAVE A MINIMUM COVER IN ACCORDANCE WITH ACI 318, LATEST EDITION.
  - SPLICES OF REINFORCING SHALL BE CLASS C OR CLASS B IF STAGGERED, IN ACCORDANCE WITH ACI 318, LATEST EDITION.
  - ALL DOWELS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPING AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE CONCRETE IS PLACED. FOR EMBEDDED ITEMS NOT SHOWN ON STRUCTURAL DRAWING, SEE ELECTRICAL AND MECHANICAL DRAWINGS.
  - WHEN CONCRETE IS TO BE PLACED AGAINST HARDENED CONCRETE, CONTACT SURFACES SHALL BE CLEAN, FREE OF LANTHANE AND INTENTIONALLY ROUGHENED PRIOR TO PLACING OF NEW CONCRETE.
  - ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED ONE INCH.
  - SEE ARCHITECTURAL DRAWINGS FOR DOOR LOCATIONS.
  - SEE CIVIL DRAWINGS FOR SITE DRAINAGE AND FINISH GRADE ELEVATIONS.
  - ALL CONCRETE SLABS SHALL HAVE A TROWEL FINISH.
  - CONTRACTOR TO INSTALL A VAPOR BARRIER UNDER ALL SLABS PLACED ON SOIL. THE VAPOR BARRIER SHALL BE WATER RESISTANT BARRIER PAPER, UNCRACKED AND REINFORCED, CONFORMING TO PS 504-700, TYPE 1, GRADE B, STYLE 4, OR CLEAR POLYETHYLENE SHEETING, 6 MIL, CONFORMING TO USDC PS57.
  - THE FLOOR GRATING SHALL HAVE 2" x 3/16" BEARING BARS AT 15/16" O.C. AND CROSS BARS AT 4" O.C. SECTIONS SHALL BE 2" O.C. WIDE AND RANDED AND SHALL SPAN AS INDICATED ON THE DRAWINGS. STAINLESS STEEL FLOOR GRATING AND FRAME SHALL CONFORM TO ASTM A276 TYPE 304 IN ACCORDANCE WITH SPECIFICATION SECTION 05503.
  - ANCHOR BOLTS AND SHEAR ANCHORS SHALL BE PER PRE-ENGINEERED BUILDING MANUFACTURER'S STANDARD REQUIREMENTS AND SHALL SATISFY LOADING CRITERIA AND ALL SPECIFIED CODES.
  - CONCRETE FLOOR SLAB SHALL RECEIVE TWO COATS OF AC FROM THE CLEAR SEAL, 150 OR APPROVED EQUAL. APPLICATION OF A SECOND COAT SHALL BE WITHIN 3 DAYS OF CONCRETE PLACEMENT. COMPOUND SHALL BE APPLIED PER MANUFACTURER'S INSTRUCTIONS.
  - THE CONCRETE JOINT SEALANT IN THE BUILDING SHALL BE ONE PART RTV, 100 CURING TIME, COLOR WHITE OR APPROVED EQUAL CONFORMING TO FS-TT-S-00143.



**GRAPHIC SCALES**



SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
SIGNATURES				
DATE				
REVISIONS				
1		ISSUED FOR PERMIT	1/25/04	
2		REVISED	3/18/04	
3		REVISED	3/18/04	
4		REVISED	3/18/04	
5		REVISED	3/18/04	
SUBMITTED				
DATE				
APPROVED				
DATE				
TITLE				

BRISCC  
BURNS AND ROE INDUSTRIAL SERVICES CORP.  
1905 NORTH ATLANTIC AVENUE, SUITE 200  
COCAL BEACH, FLORIDA 32009

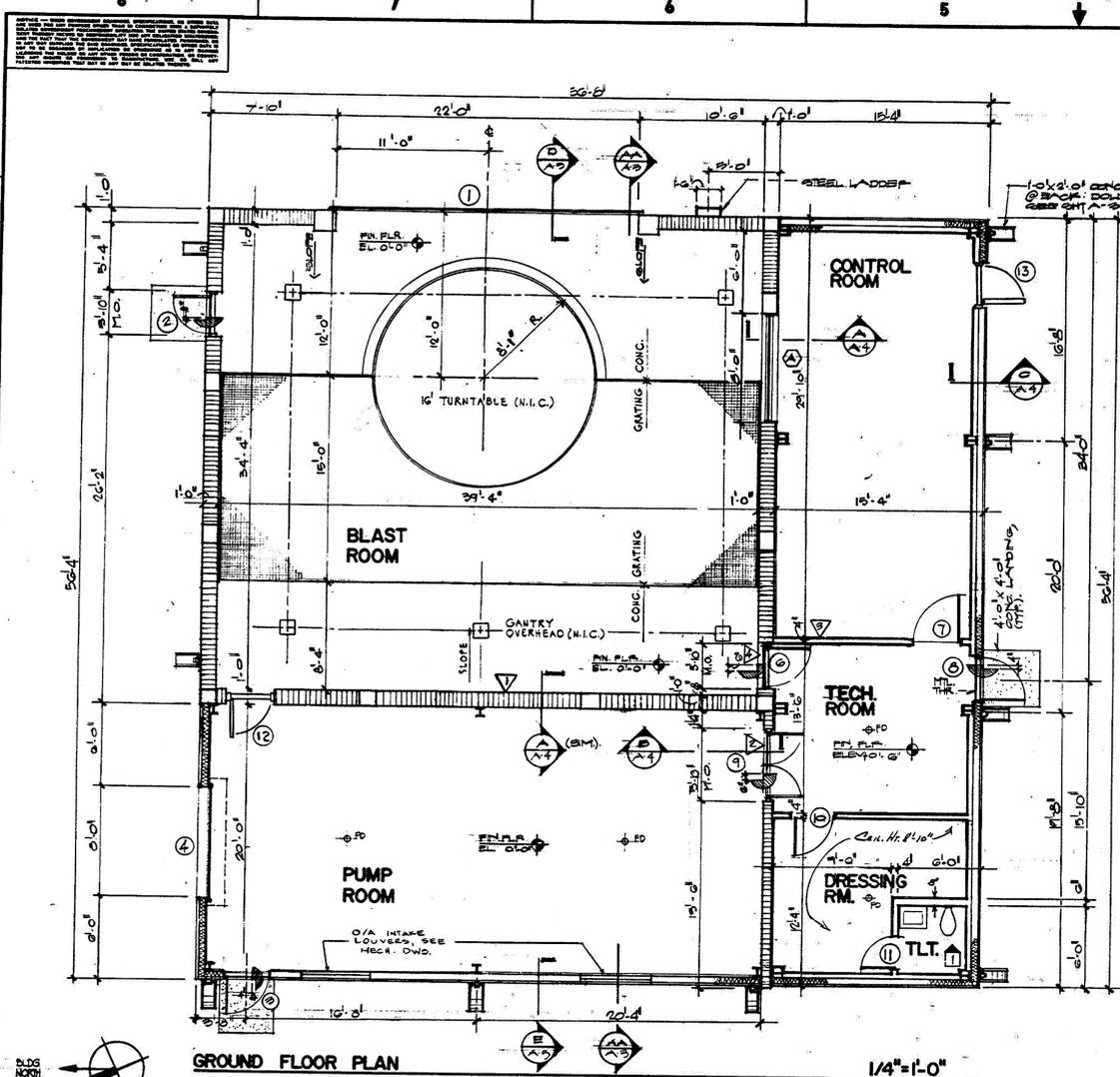
79K25984  
SHEET 8 OF 15

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SIGNATURES				
DATE				
REVISIONS				
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SIGNATURES				
DATE				
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA				
CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3				
BUILDING 66249 AS-BUILTS				
FILE NO.				
SIZE				
DWG. NO.				
REV				
PROJ. NO. 97963.9				
SHEET 37				

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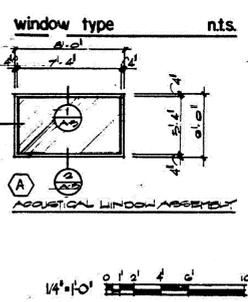
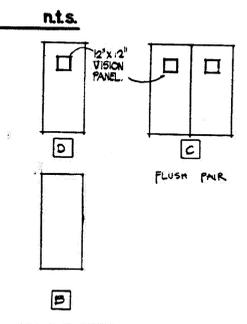
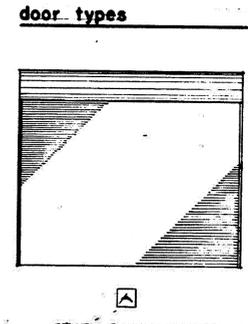
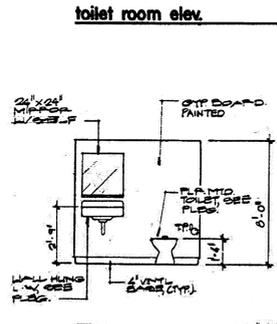
**finish schedule**

room	floor	base	walls	ceiling	clght remarks
BLAST ROOM	CONC/SEALER	-	ETON*	-	W-GATING AS SHOWN
PUMP ROOM	CONC/SEALER	-	GTT DD-PANT	-	SEE NOTE 5
CONTROL ROOM	VINYL TILE	VINYL	GTT DD-PANT	SUSP ACOUNT	#1 ACUSTICAL PANELS SEE FINISH NOTES #4
			NOT USED		
TECH ROOM	VINYL TILE	VINYL	GTT DD-PANT	-	
DRESSING ROOM	VINYL TILE	VINYL	GTT DD-PANT	SUSP ACOUNT	
TOILET	VINYL TILE	VINYL	GTT DD-PANT	SUSP ACOUNT	

- finish notes**
- ALL INTERIOR EXPOSED MASONRY AND CONCRETE SURFACES SHALL HAVE AN EPOXY COATING AS SPECIFIED IN SECTION 09500.
  - GROUT BOARD ON MASONRY WALLS SHALL BE INSTALLED ON RESULTING FIXING CHANNELS.
  - GROUT BOARD FINISH @ PUMP ROOM SHALL BE PROVIDED @ EXTERIOR WALLS ONLY (CRETA-M-HL BLDG). FROM FINISHED FLOOR TO UNDERSIDE OF STRUCTURE. INTERIOR MASONRY WALLS SHALL HAVE AN EPOXY COATING AS NOTED ABOVE.
  - PROVIDE ACUSTICAL PANELS AT EAST AND SOUTH WALLS OF CONTROL ROOM. PANELS SHALL BE 18" X 12" X 1/2" RIGID BOARD AND SHALL BE SPACED @ 8" ON CENTER HORIZONTALLY AND CENTERED VERTICALLY BETWEEN FLOOR AND CEILING. PANELS SHALL BE 2" RIGID BOARD PERFORMED WITH 1/2" SOUND ABSORBING AND INSULATING FIBER WASTE PANELS MANUFACTURED BY INDUSTRIAL ACUSTICS COMPANY OR EQUAL.

**door schedule**

no	type	size	door mat	frame	hdwe	remarks
1	A	22'0" X 12'0"	STEEL	STEEL	HW-5	ELEC MOTOR OPERATED CONTROLS; NTA EXT.
2	B	3'0" X 7'0" X 2 1/2"	STEEL	STEEL	HW-1	SOUND RETARDANT DOOR
3	B	3'0" X 7'0" X 2 1/2"	STEEL	STEEL	HW-1	SOUND RETARDANT DOOR
4	A	3'0" X 10'0"	STEEL	STEEL	HW-5	ELECT OPERATED, CONTROL INTERIOR @ DPE
5	-	NOT USED	-	-	-	-
6	D	3'0" X 7'0" X 2 1/2"	STEEL	STEEL	HW-2	SOUND RETARDANT DOOR
7	D	3'6" X 7'0" X 2 1/2"	-	-	HW-2	-
8	D	3'0" X 7'0" X 2 1/2"	-	-	HW-1	-
9	C	2'2" X 7'0" X 2 1/2"	-	-	HW-3	SOUND RETARDANT DOOR, 'C' LABEL
10	B	3'0" X 7'0" X 2 1/2"	-	-	HW-4	12" X 12" LOWER
11	B	3'0" X 7'0" X 2 1/2"	-	-	HW-4	12" X 12" LOWER
12	D	3'0" X 7'0" X 2 1/2"	-	-	HW-2	SOUND RETARDANT DOOR, 'C' LABEL
13	B	3'0" X 7'0" X 2 1/2"	-	-	HW-1	-



- GENERAL NOTES**
- VERIFY ALL CONDITIONS, MATERIALS AND DIMENSIONS AT THE SITE.
  - HEIGHT DIMENSIONS ARE GIVEN TO THE FINISH CONCRETE OR STRUCTURAL FLY LINE, EXCEPT AS FLOOR COVERING.
  - REVISIONS OF DIMENSIONS FOR CONVENIENCE ONLY & DOES NOT LIMIT APPLICATION OF ANY DESIGN D.T.S.
  - VERIFY DIMENSIONS AND LOCATION OF ALL OVERHEAD BASES, PIPING, ELECTRICAL, TUBING, PIPING, CONDUITS, PIPING, ROOF, ETC. IN ALL AREAS, DISSEMINATE TO ALL CONTRACTORS.
  - VERIFY OPENINGS FOR PIPING AND CONDUITS WITH MECHANICAL DRAWINGS AND PROVIDE AS REQUIRED.
  - PROVIDE ALL NECESSARY BLOCKING, BRACING, PLATES, BRACING, AND ANCHORS AS REQUIRED FOR INSTALLATION OF LIGHT FIXTURES, ELECTRICAL UNITS, MECHANICAL, TOILET ACCESSORIES AND GOVERNMENT FURNISHED EQUIPMENT.
  - DETAILS, DIMENSIONS AND CONFIGURATIONS SHOWN FOR THE PUMP ROOM ARE INTENDED TO ILLUSTRATE THE REQUIRED DESIGN INTENT. ACTUAL DIMENSIONS AND DETAILING OF COMPONENTS SHALL BE DETERMINED BY THE CONTRACTOR AS REQUIRED BY THE DESIGN OFFICE AS DEFINED IN THE DESIGN SPECIFICATIONS.

**SCHEDULE OF WALL OPENINGS**

NOTE: ALL OPENINGS SHALL BE 6" HIGHER OF 6" WIDER X WIDTH OF WALL. ELEVATION TO BE SHOWN FOR ALL OPENINGS.

△	12'-0" AFF

- WALL LEGEND**
- 12" CONC BLOCK MASONRY (EXPOSED), SEAL & PAINT EXTERIOR AND INTERIOR SIDES
  - 12" CONC BLOCK MASONRY SEAL & PAINT EXPOSED SIDE (PUMP ROOM) PROVIDE 2" GTT DD ON RESULTING FLOORING OVER P-RS RIGID INSULATION @ DRESSING & TECH ROOMS
  - 12" CONC BLOCK MASONRY SEAL & PAINT EXPOSED SIDE (PUMP ROOM) PROVIDE 2" GTT DD ON RESULTING FLOORING OVER P-RS RIGID INSULATION @ DRESSING & TECH ROOMS
  - 1 1/2" BLANKET INSULATION @ GTT DD ON PUMP ROOM OR TURNING CHANNELS INTERIOR SIDE (PUMP RM.)
  - 2" GUTTER ON 2" HTL STUDS @ 16" O.C. ADJUSTED TO FIT. 2" DURA WALL ASSEMBLY. 1 1/2" BLANKET INSULATION
  - 2" GTT DD BOARD BOTH SIDES OF 2" HTL STUDS @ 16" O.C.

**CONSTRUCTION AS-BUILTS**

SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED

**REVISIONS**

NO.	DATE	DESCRIPTION
1	10-11-13	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
2	10-11-13	ROBOT OPERATED HIGH PRESSURE WASH FACILITY
3	10-11-13	FLOOR PLAN, SCHEDULES & NOTES.

**APPROVED**

DATE: 10/11/13

PROJECT NO: 79K29152

SHEET 3 OF 21

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SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED

**SIGNATURES**

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
K. RIVERA	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3
BELL	06/10/13	BUILDING 66320 AS-BUILTS

ST OF LICENSEURE: FL  
LICENSE NO: 69033  
DATE: 06/10/13

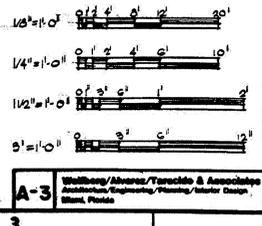
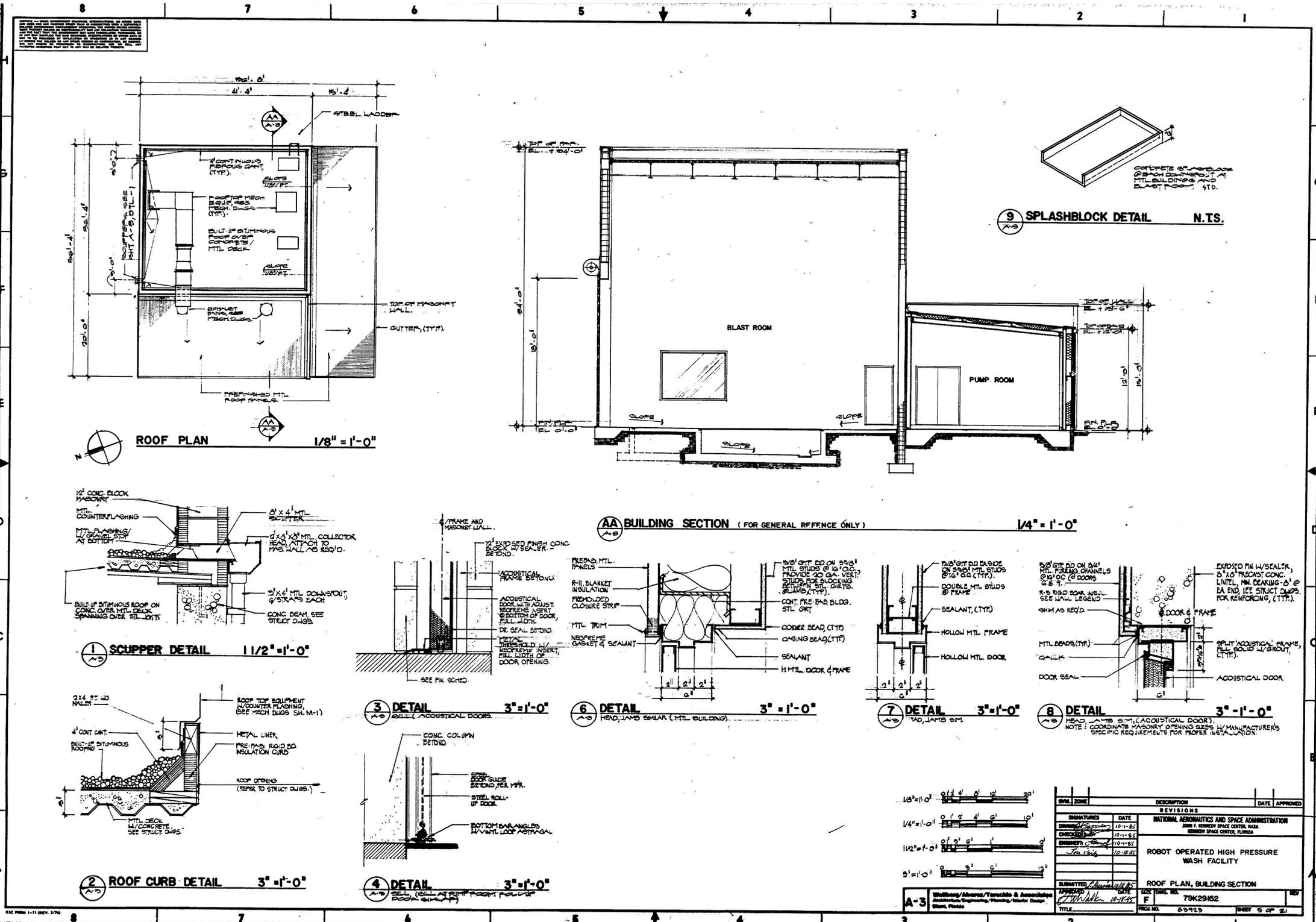
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SIGNATURES		DATE	DATE APPROVED
REVISIONS			
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION			
JOHN F. KENNEDY SPACE CENTER, NASA			
KENNEDY SPACE CENTER, FLORIDA			
ROBOT OPERATED HIGH PRESSURE WASH FACILITY			
ROOF PLAN, BUILDING SECTION			
SUBMITTED		DATE	DATE
DRAWN		10-11-82	
CHECKED		10-11-82	
DESIGNED		10-11-82	
PROJECT		10-11-82	
APPROVED			
D. TOTH		6-17-13	
I. OTERO			

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

SIGNATURES	DATE	DATE APPROVED
DRAWN C. COFFEY	06/10/13	
CHECKED K. RIVERA	06/10/13	
SUBMITTED BELL	06/10/13	
ST of LICENSEURE: FL	06/10/13	
LICENSE NO: 69033		
APPROVED D. TOTH	6-17-13	
I. OTERO		

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**BUILDING 66320 AS-BUILTS**

FILE NO.	SIZE	DWG. NO.	REV
	F	79K39391	

D32

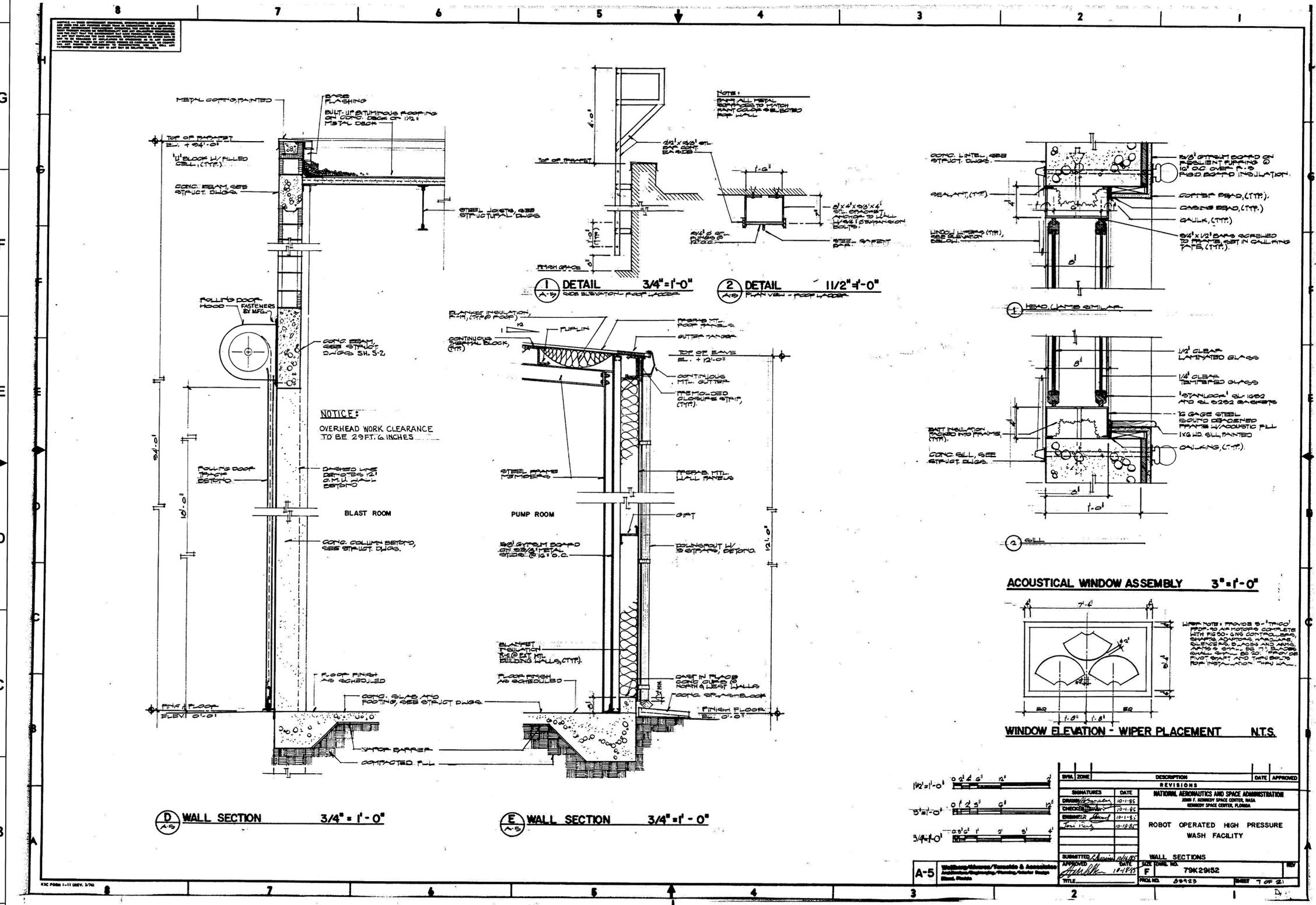
PROJ. NO. 97963.9 SHEET 39



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**GENERAL NOTE**

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SYMBOL	DATE	DESCRIPTION	DATE APPROVED
REVISIONS			
1	10-1-85	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
2	10-1-85	ROBOT OPERATED HIGH PRESSURE WASH FACILITY	
3	10-1-85		
4	10-1-85		
5	10-1-85		

DATE	BY	CHECKED	DATE	BY
10-1-85			10-1-85	
10-1-85			10-1-85	
10-1-85			10-1-85	
10-1-85			10-1-85	

DATE	BY	DATE	BY
10-1-85		10-1-85	
10-1-85		10-1-85	
10-1-85		10-1-85	

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D34.DWG				

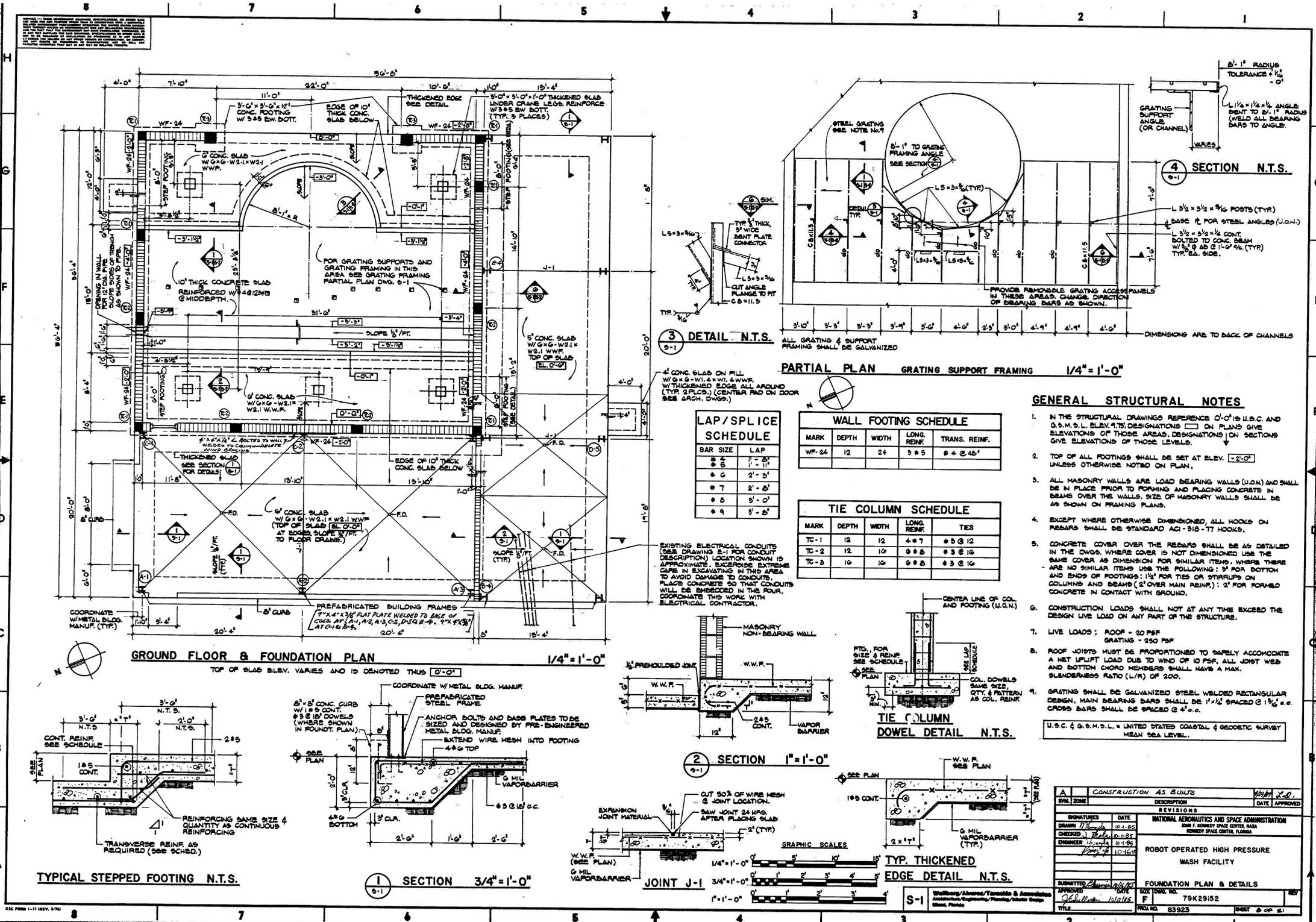
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 (352) 377-5821  
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED K. RIVERA	06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>
SUBMITTED BELL	06/10/13	<b>BUILDING 66320 AS-BUILTS</b>
ST of LICENSURE: FL LICENSE NO: 69033	06/10/13	
APPROVED D. TOTH	6/10/13	
APPROVED I. OTERO	6.12.13	

FILE NO.	SIZE <b>F</b>	DWG. NO. <b>79K39391</b>	REV
PROJ. NO. 97963.9	SHEET 41		

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**LAP/SPLICE SCHEDULE**

BAR SIZE	LAP
# 4	1'-0"
# 5	1'-0"
# 6	2'-0"
# 7	2'-0"
# 8	3'-0"
# 9	3'-0"

**WALL FOOTING SCHEDULE**

MARK	DEPTH	WIDTH	LONG. REINF.	TRANS. REINF.
WF-24	12	24	3 # 5	# 4 @ 45"

**TIE COLUMN SCHEDULE**

MARK	DEPTH	WIDTH	LONG. REINF.	TIES
TC-1	12	12	4 # 7	# 3 @ 12"
TC-2	12	10	6 # 8	# 3 @ 16"
TC-3	10	10	6 # 8	# 3 @ 16"

**CONSTRUCTION AS BUILTS**

SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D35.DWG				
<b>JONES EDMUNDS</b>				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-8821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 289-2950				
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 3		
SUBMITTED BELL	06/10/13	BUILDING 66320 AS-BUILTS		
ST. OF LICENSURE: FL	06/10/13	FOUNDATION PLAN & DETAILS		
LICENSE NO: 69033	06/10/13	DATE FORK NO. F	79K29152	REV
APPROVED D. OTERO	06/10/13	PROJ. NO. 83923	DATE 06/10/13	BY

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SYMBOL ZONE DESCRIPTION DATE APPROVED

REVISIONS

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**JONES EDMUNDS**

730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 | (352) 377-8821  
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 | (321) 289-2950

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 3		
SUBMITTED BELL	06/10/13	BUILDING 66320 AS-BUILTS		
ST. OF LICENSURE: FL	06/10/13	FOUNDATION PLAN & DETAILS		
LICENSE NO: 69033	06/10/13	DATE FORK NO. F	79K29152	REV
APPROVED D. OTERO	06/10/13	PROJ. NO. 83923	DATE 06/10/13	BY

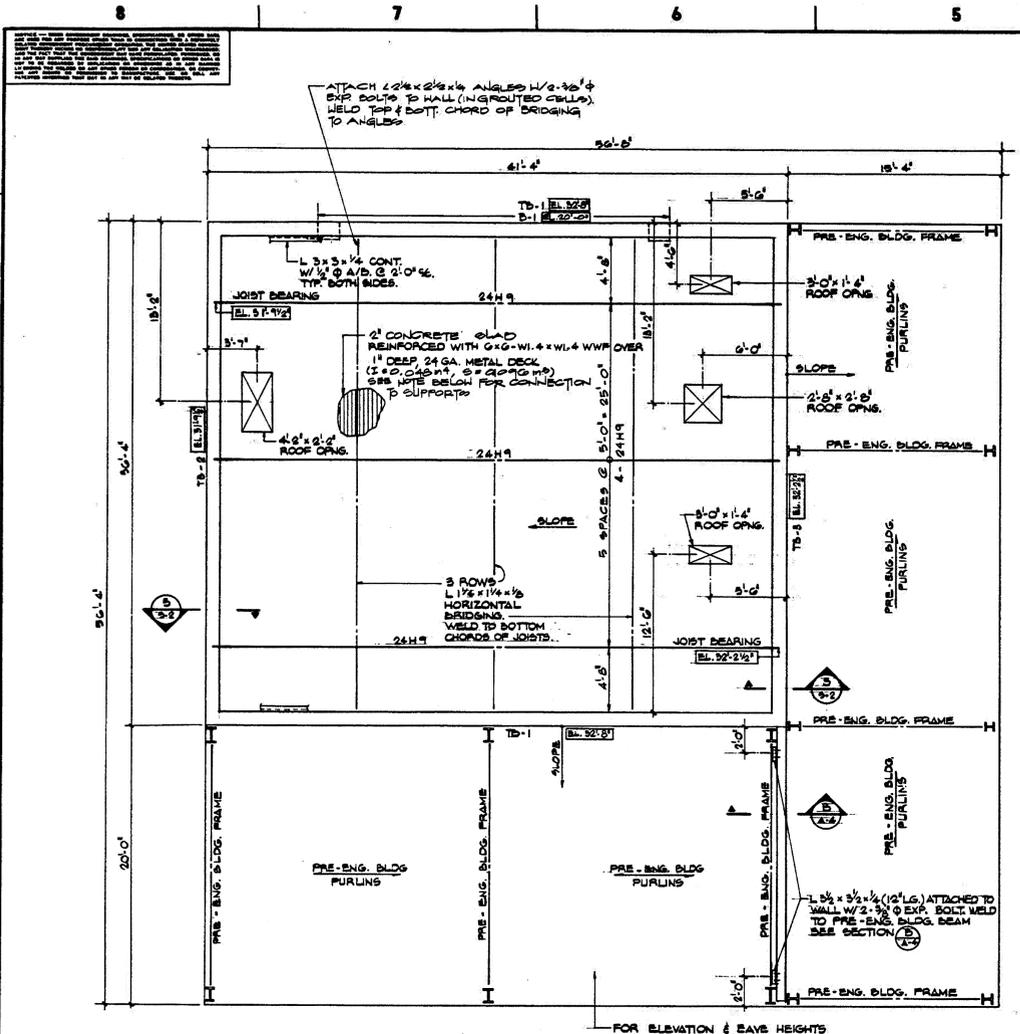
D35

FILE NO. SIZE DWG. NO. REV  
F 79K39391

PROJ. NO. 97963.9 SHEET 42

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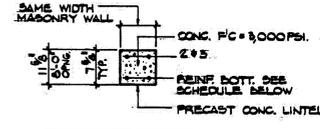
**GENERAL NOTE**  
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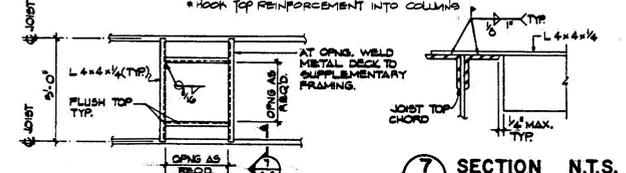
**ROOF FRAMING PLAN** 1/4" = 1'-0"

METAL DECK: ALL UNITS SHALL BE CONTINUOUS OVER 3 SUPPORTS AND CONNECTED AS FOLLOWS:  
 1) ATTACHMENT TO SUPPORTS @ 12" o.c.  
 2) 1/2" SIDE HELDS @ 2'-0" o.c.

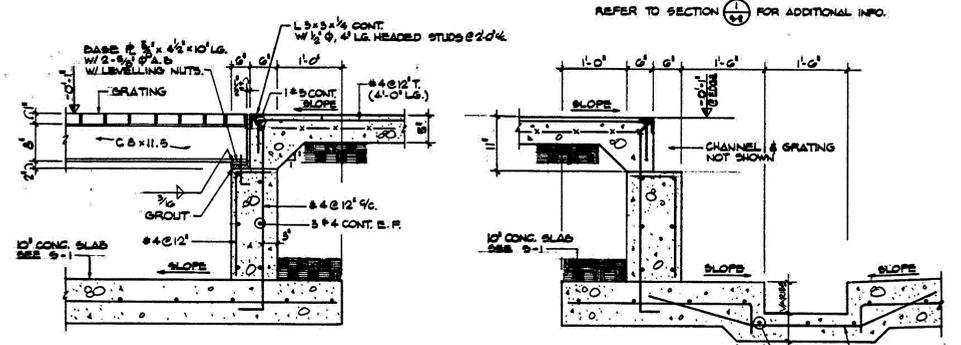
BEAM SCHEDULE		
TB-1	12' x 16"	W4x9 CONT. #3 @ 36" STIRRUPS
TB-2	12' x 13 1/2"	W4x9 CONT. #3 @ 36" STIRRUPS
TB-3	12' x 15 1/2"	W4x9 CONT. #3 @ 36" STIRRUPS
B-1	12' x 40"	2x8 BOT. 2" CYCLOPS #3 @ 10" STIRRUPS



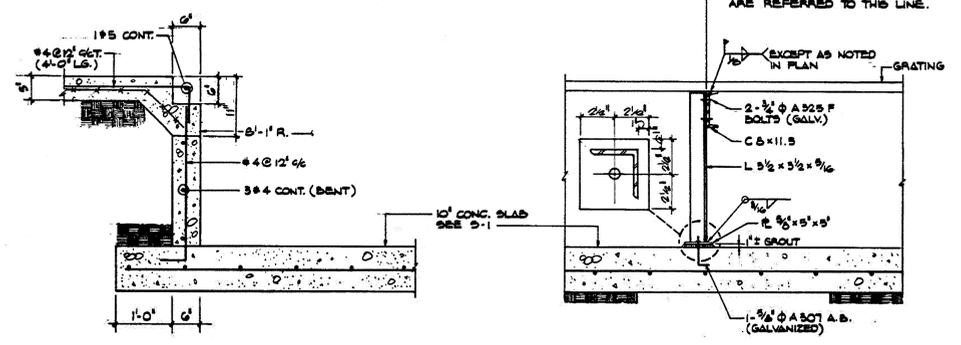
CONC. LINTEL SCHEDULE			
CLEAR "L" SPAN	REINFORCING	8" WALL	12" WALL
LP TO 4'-0"	2 #3	2 #4	
4'-0" TO 6'-0"	2 #4	2 #5	
6'-0" TO 7'-0"	2 #5	2 #6	
6'-0" (1 1/2" DEEP)		2 #5	



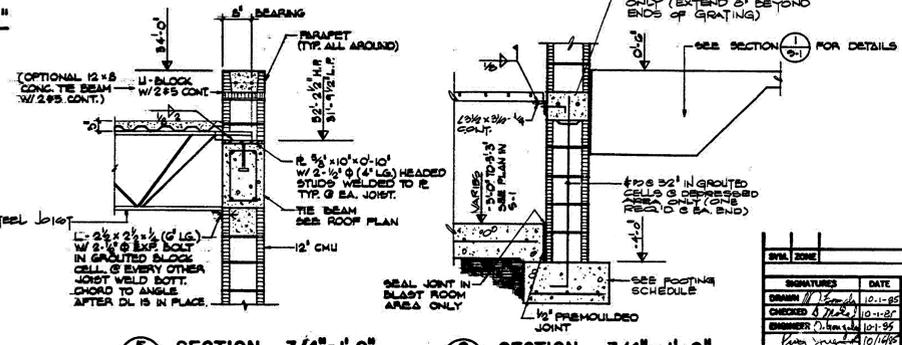
**ROOF OPENING FRAMING** 3/8" = 1'-0"



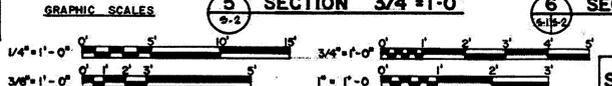
**SECTION 1** 1" = 1'-0"      **SECTION 2** 1" = 1'-0"



**SECTION 3** 1" = 1'-0"      **SECTION 4** 1" = 1'-0"



**SECTION 5** 3/4" = 1'-0"      **SECTION 6** 3/4" = 1'-0"



SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
1		NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	10-1-95	
2		ROBOT OPERATED HIGH PRESSURE WASH FACILITY	10-1-95	
3		ROOF FRAMING PLAN & SECTIONS	10/1/95	

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

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
C. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
K. RIVERA	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3
BELL	06/10/13	BUILDING 66320 AS-BUILTS
ST OF LICENSEURE: FL	06/10/13	
LICENSE NO: 69033		
APPROVED	6/10/13	
I. OTERO	6/10/13	

FILE NO.	SIZE	DWG. NO.	REV
D36	F	79K39391	

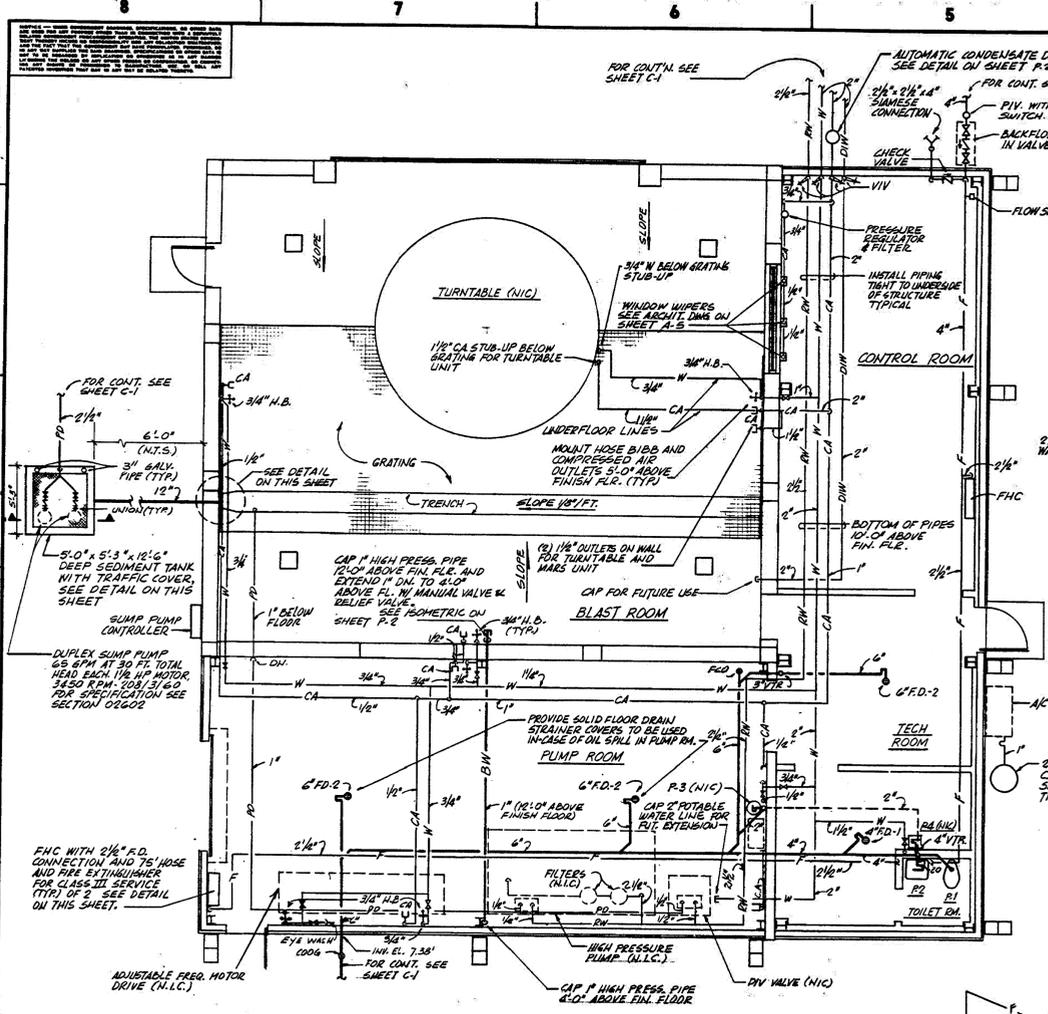
PROJ. NO. 97963.9      SHEET 43

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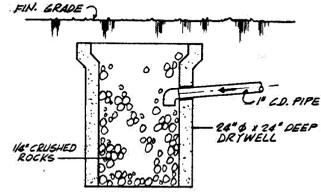
MARKS	DESCRIPTION	WASTE	C.W.	H.W.	REMARKS
R1	WATER CLOSET	4"	1"		FL. MTD. FLUSH VALVE
R2	LAVATORY	1 1/4"	1/2"		WALL HUNG
R3	EYE WASH	1 1/4"	1/2"		NOT GOVERNMENT FURNISHED (NIC) EQUIPMENT FURNISHED
R4	ELECT. WATER COOLER	1 1/4"	1/2"		NOT GOVERNMENT FURNISHED

SYMBOL	DESCRIPTION
—	SANITARY LINE
—	VENT LINE
—	PROCESS DRAIN LINE (RETURN FROM PUMP AND DIV VALVE)
—	POTABLE WATER LINE
—	RETURN WATER LINE (SUPPLY TO PUMP & DIV VALVE)
—	COMPRESSED AIR LINE
—	FIRE LINE
—	BLAST WATER LINE (20,000 PSI)
—	DEIONIZED WATER
—	GATE VALVE IN VERTICAL
—	GATE VALVE
—	CHECK VALVE
—	AIR OUTLET
—	HOSE BIBB
—	BALL VALVE
—	CLEAN OUT
—	FLOOR CLEAN OUT
—	CLEAN OUT ON GRADE
—	FLOOR DRAIN
—	AIR CHAMBER
—	"P" TRAP
—	DRAIN COCK
—	VENT THRU ROOF
—	ELECTRIC WATER HEATER
—	FIRE HOSE CABINET
—	CONDENSATE DRAIN

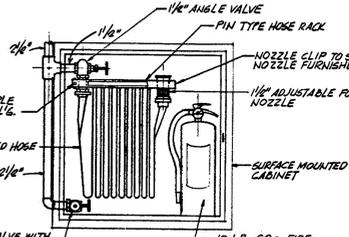


PIPE HANGER DETAIL N.T.S.

ELEVATION PIPE TO TRENCH CONNECTION DETAIL N.T.S.



C.D. DRYWELL DETAIL N.T.S.

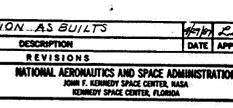


FIRE HOSE CABINET DETAIL N.T.S. (FOR CLASS III SERVICE)

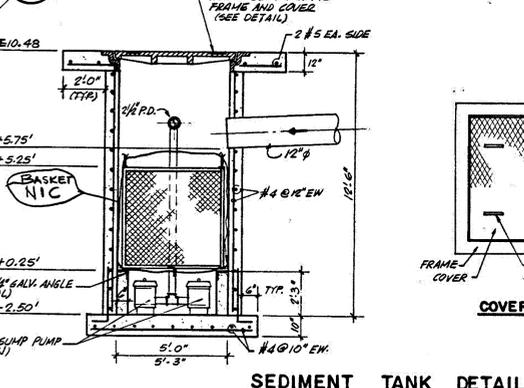
FIRE PROTECTION ISOMETRIC N.T.S.



FLOOR PIPE SUPPORT N.T.S.



GROUND FLOOR PLAN 1/4\"/>



SEDIMENT TANK DETAIL N.T.S.

COVER DETAIL N.T.S.



CONSTRUCTION AS BUILTS		DATE	APPROVED
SYMBOL	ZONE	DESCRIPTION	DATE
SIGNATURES			
DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DATE	JOHN F. KENNEDY SPACE CENTER, NASA		
DATE	KENNEDY SPACE CENTER, FLORIDA		
DATE	ROBOT OPERATED HIGH PRESSURE WASH FACILITY		
DATE	FLOOR PLAN ISOMETRICS, SCHEDULES & DETAILS		
DATE	SIZE	DWG. NO.	REV.
DATE	F	79K29152	
DATE	PROJ. NO.	SHEET	OF
DATE	83293	10	21

THIS SPACE RESERVED

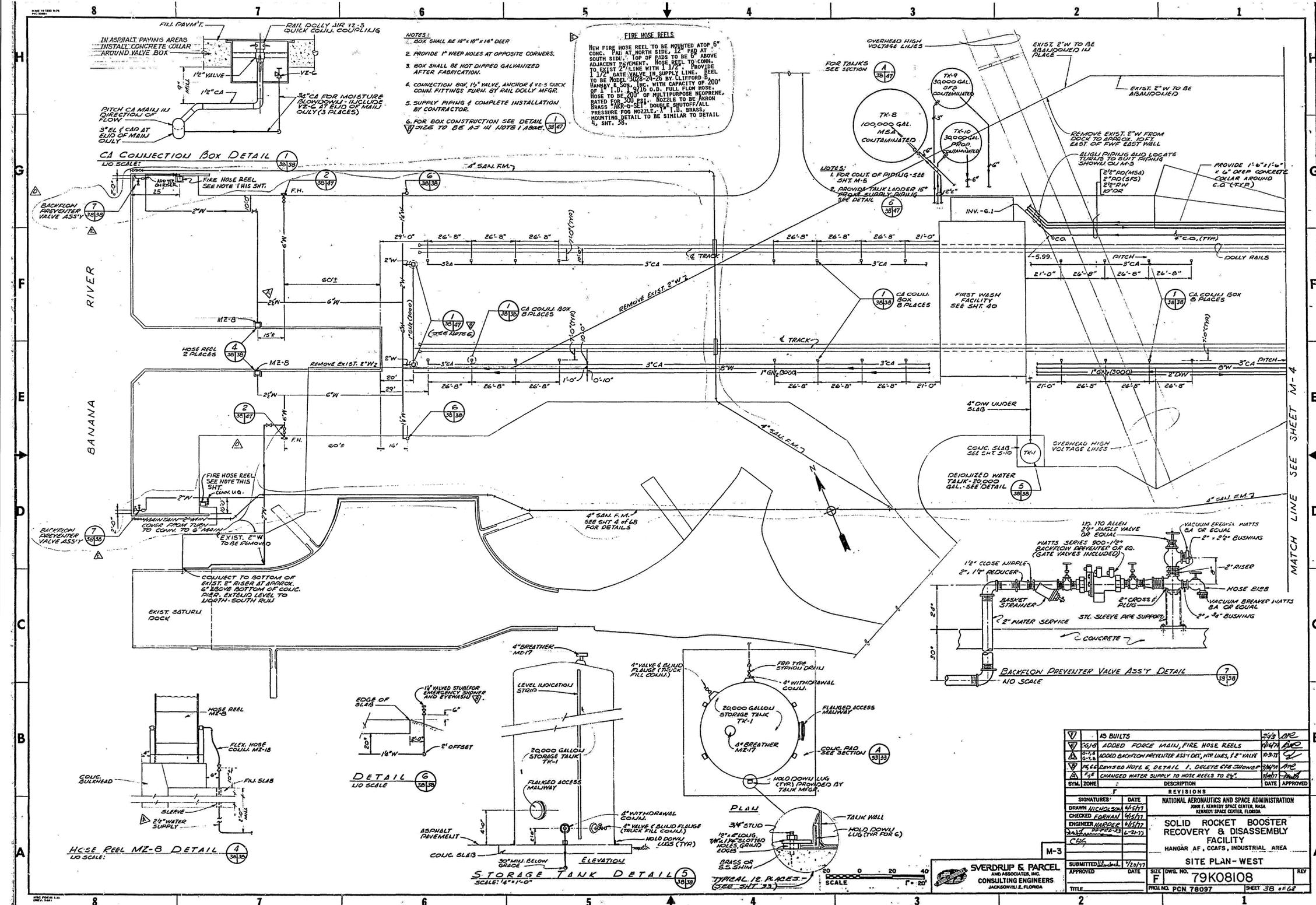
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-037.DWG				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 289-2950				
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA		
CHECKED	06/10/13	KENNEDY SPACE CENTER, FLORIDA		
SUBMITTED	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3		
BELL	06/10/13	BUILDING 66320 AS-BUILTS		
ST OF LICENSEURE: FL	06/10/13	FILE NO.	SIZE	DWG. NO.
LICENSE NO: 69033	06/10/13	F	79K39391	REV
APPROVED	06/10/13	PROJ. NO.	83293	SHEET
D. TOTH	06/10/13	97963.9	10	44
OTERO	06/10/13			



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SYMBOL	DESCRIPTION	DATE	APPROVED
AS BUILTS			
AS BUILT	ADDED FORCE MAIN, FIRE HOSE REELS	06/10/13	[Signature]
AS BUILT	ADDED BACHELON PREVENTER ASS'Y DET., 1 1/2" VALVE	06/10/13	[Signature]
AS BUILT	CHANGED WATER SUPPLY TO HOSE REELS TO 2".	06/10/13	[Signature]

REVISIONS	DATE	DESCRIPTION
1	06/10/13	ISSUED FOR PERMITS
2	06/10/13	ISSUED FOR CONSTRUCTION

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN: K. COFFEY	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED: K. RIVERA	06/10/13	
ENGINEER: J. HARRIS	06/10/13	
PROJECT: 79K08108		
SUBMITTED: 06/10/13		
APPROVED: [Signature]	06/10/13	
ST. OF LICENSURE: FL		
LICENSE NO: 69033		
FILE NO.	SIZE	DWG. NO.
	F	79K08108
PROJ. NO. 97963.9		SHEET 38 OF 68

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REVISIONS

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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 289-2950

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**66241 AS-BUILTS**

FILE NO. SIZE DWG. NO. REV  
F 79K08108

PROJ. NO. 97963.9 SHEET 46



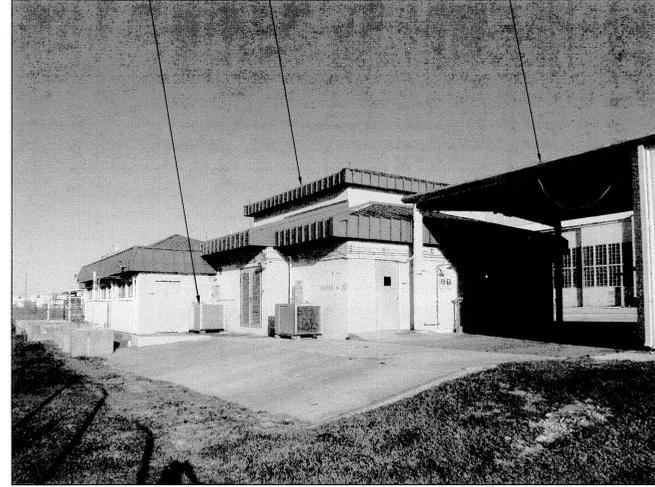
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66220 1  
NTS D2



66220 2  
NTS D2



66220 3  
NTS D2



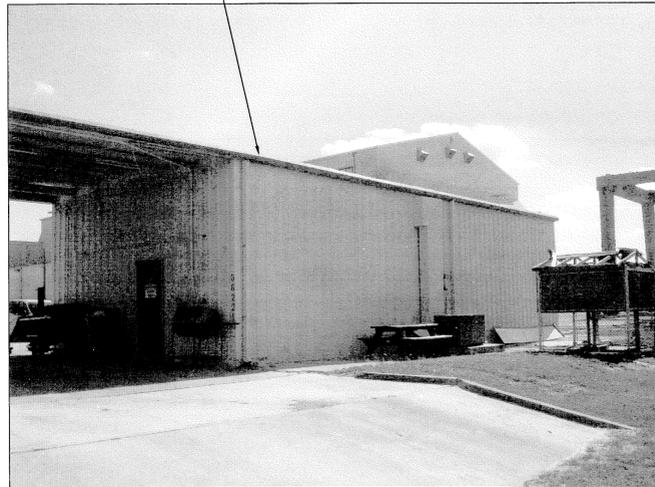
66220 4  
NTS D2



66220 5  
NTS D2



66221 6  
NTS D2



66221 7  
NTS D2

**FLAG NOTES**

- A DEMOLISH INSTITUTIONAL STORAGE FACILITY (66220), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- B DEMOLISH INSTITUTIONAL STORAGE FACILITY (66221), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- C DEMOLISH POLE BARN AND ASSOCIATED APPURTENANCES
- D DEMOLISH BOLLARDS AND ASSOCIATED APPURTENANCES
- E DEMOLISH OVERHEAD ROOF AND ASSOCIATED APPURTENANCES
- F DEMOLISH HVAC EQUIPMENT, CONCRETE PADS, AND ASSOCIATED APPURTENANCES
- G DEMOLISH CONCRETE SLEEPERS, FOUNDATIONS, ANCHORS, AND ASSOCIATED APPURTENANCES

**TO REMAIN**

- A FENCING
- B BUILDING 01726 (HANGAR S)

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				

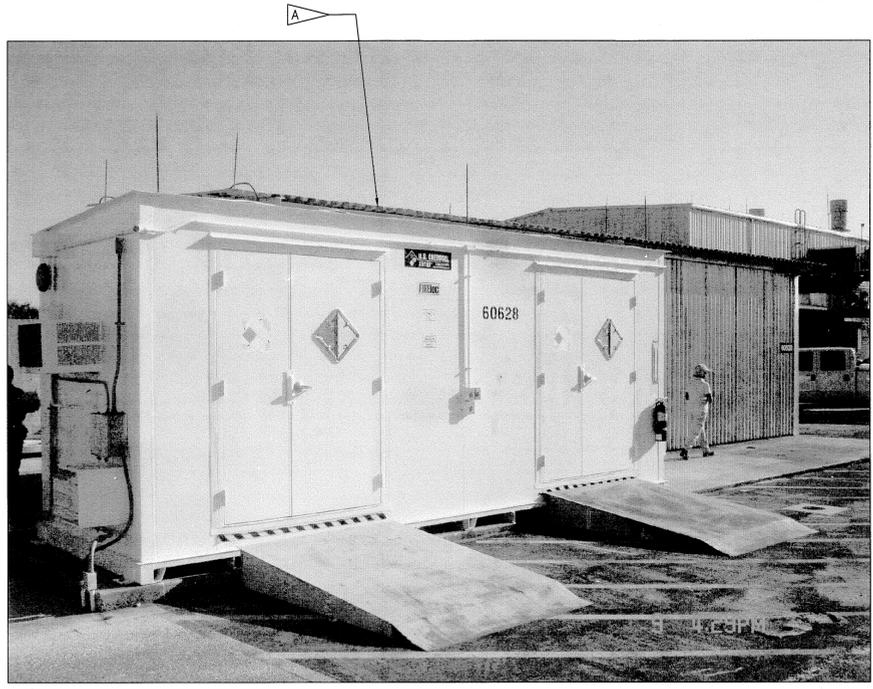
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D41.DWG

**JONES EDMUNDS**  
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5621  
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

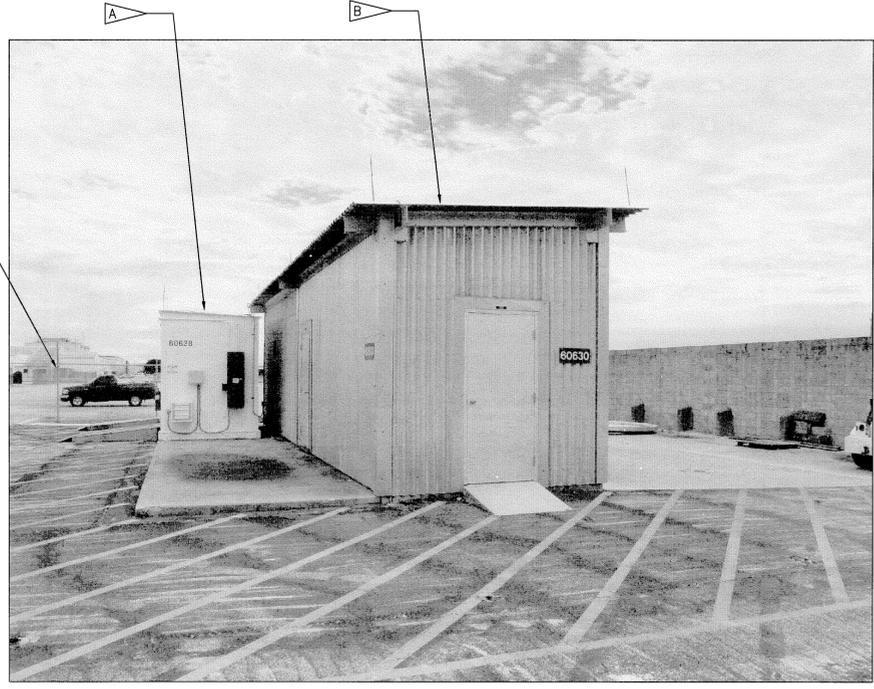
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
DRAWN C. COFFEY		06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>BUILDINGS 66220 &amp; 66221 PHOTOS</b>	
CHECKED K. RIVERA		06/10/13		
SUBMITTED <i>[Signature]</i>		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. TOTT <i>[Signature]</i>		6/10/13	FILE NO.	SIZE DWG. NO.
D41		6/10/13	F	79K39391
			PROJ. NO. 97963.9	SHEET 48

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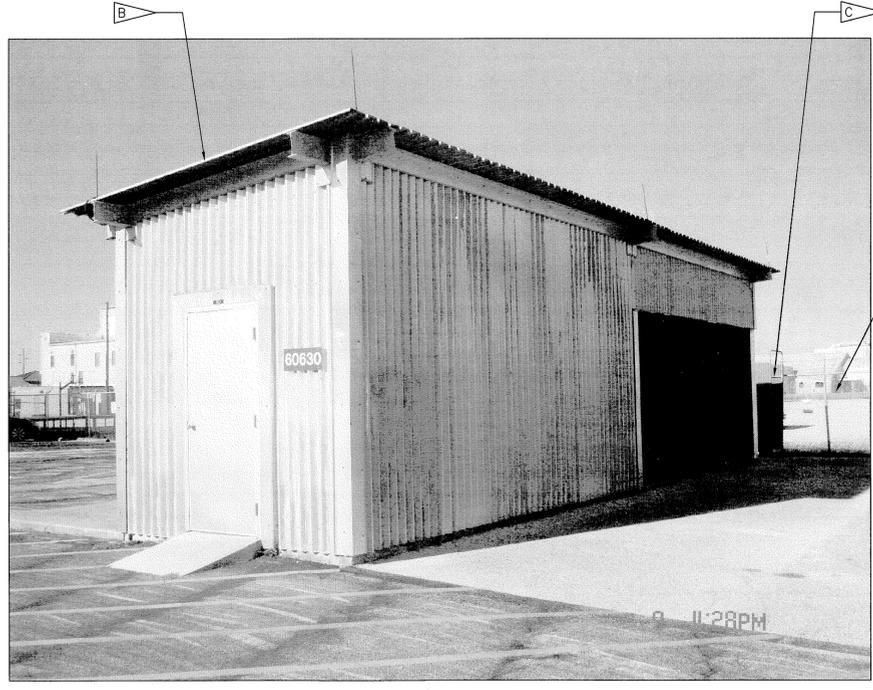
- FLAG NOTES**
- A DEMOLISH POL SHELTER (60628), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
  - B DEMOLISH POL FACILITY (60630), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
  - C DEMOLISH EYE WASH STATION, PIPING, AND ASSOCIATED APPURTENANCES
- TO REMAIN**
- A FENCING



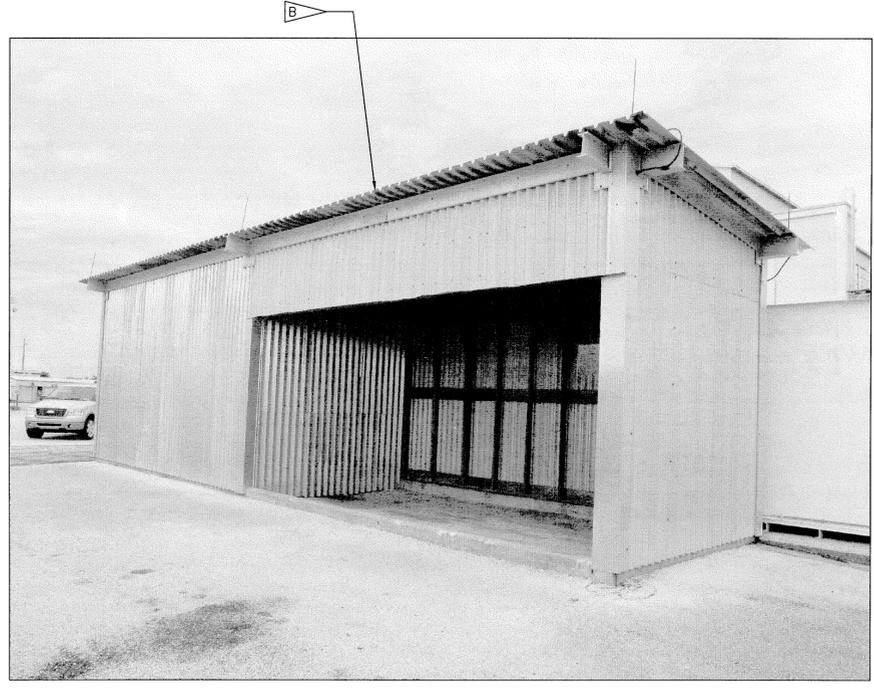
60628 1  
NTS D5



60628 2  
NTS D5



60630 3  
NTS D5



60630 4  
NTS D5

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D42.DWG				

**JONES EDMUNDS**  
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821  
3810 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
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. TOTH	6/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b> <b>BUILDINGS 60628 &amp; 60630</b> <b>PHOTOS</b>
I. OTERO	6/12/13	

FILE NO.	SIZE	DWG. NO.	REV
	F	79K39391	
PROJ. NO. 97963.9		SHEET 49	

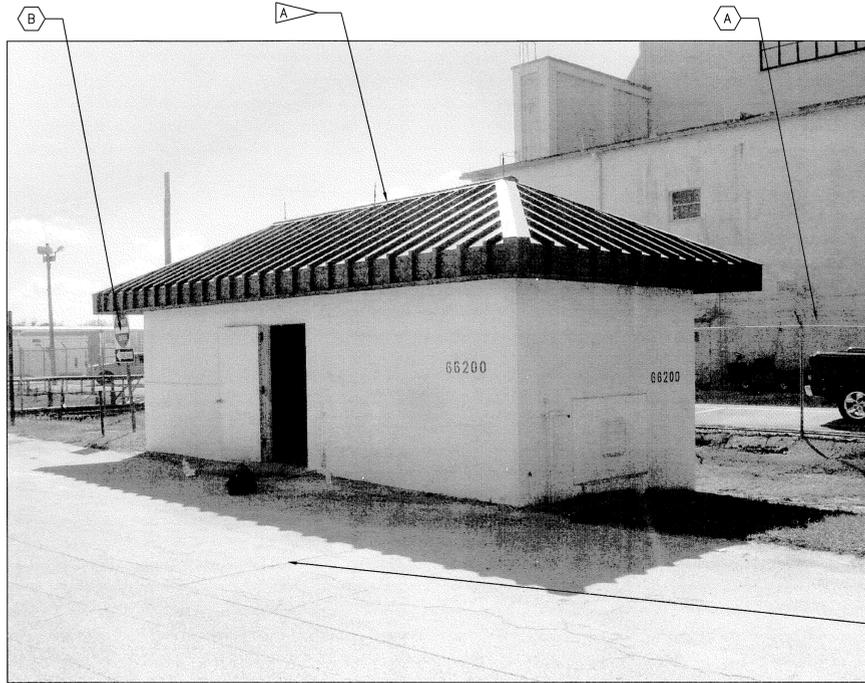
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**FLAG NOTES**

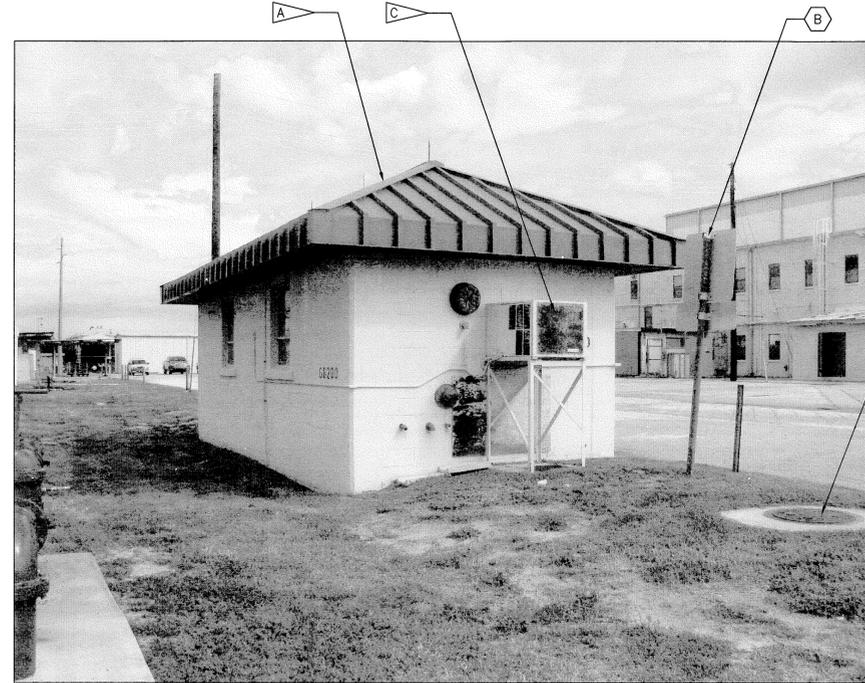
- A DEMOLISH PAINT STORAGE BUILDING (66200), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- B DEMOLISH HAZARDOUS WASTE STAGING SHELTER (66237), FOUNDATION, AND ASSOCIATED APPURTENANCES
- C DEMOLISH HVAC EQUIPMENT, CONCRETE PAD, AND ASSOCIATED APPURTENANCES

**TO REMAIN**

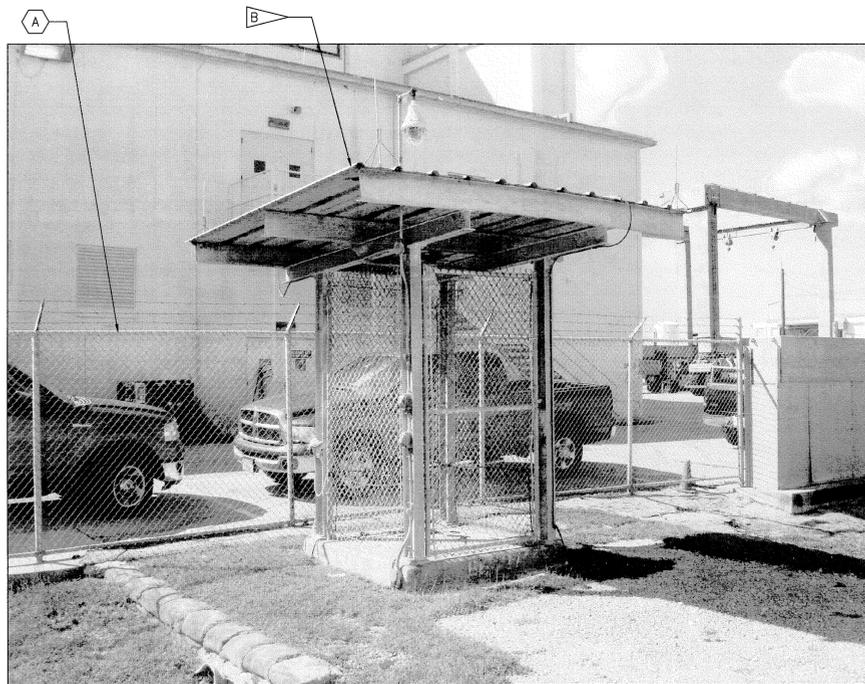
- A FENCING
- B SIGN
- C FIRE HYDRANT
- D SANITARY SEWER AND ASSOCIATED APPURTENANCES
- E ASPHALT AND CONCRETE PAVEMENT



66200 1  
NTS D6



66200 2  
NTS D6



66237 3  
NTS D6



66237 4  
NTS D6

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D43.DWG				
<b>JONES EDMUNDS</b> <small>730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-5821            3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780   (321) 269-2950</small>				
SIGNATURES		DATE		
DRAWN	C. COFFEY	06/10/13		
CHECKED	K. RIVERA	06/10/13		
SUBMITTED	<i>[Signature]</i>	06/10/13		
BY	BELL	06/10/13		
ST of LICENSURE: FL	LICENSE NO: 69033	06/10/13		
APPROVED	<i>[Signature]</i>	6/12/13		
BY	O. TOTO	6/12/13		
I. OTERO		6/12/13		

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**BUILDINGS 66200 & 66237 PHOTOS**

FILE NO.	SIZE	DWG. NO.	REV
D43	F	79K39391	
PROJ. NO. 97963.9		SHEET 50	

FILE: \\ibundm01\working\14000\new\212-01\_Design-Close-Demo-Ve-Face-FY13&A\Contract-Drawing\Package 3\Civil\14000212P3-D43.dwg  
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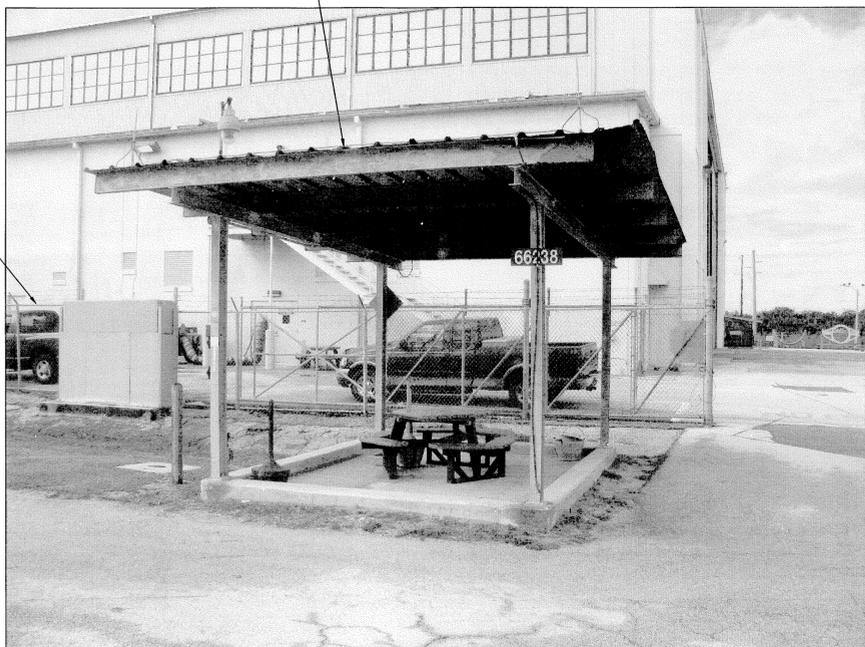
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**FLAG NOTES**

- A** DEMOLISH HAZARDOUS WASTE STAGING SHELTER (66238), FOUNDATION, AND ASSOCIATED APPURTENANCES
- B** DEMOLISH DEIONIZED WATER TANK (66241), CONCRETE SLAB, AND ASSOCIATED APPURTENANCES

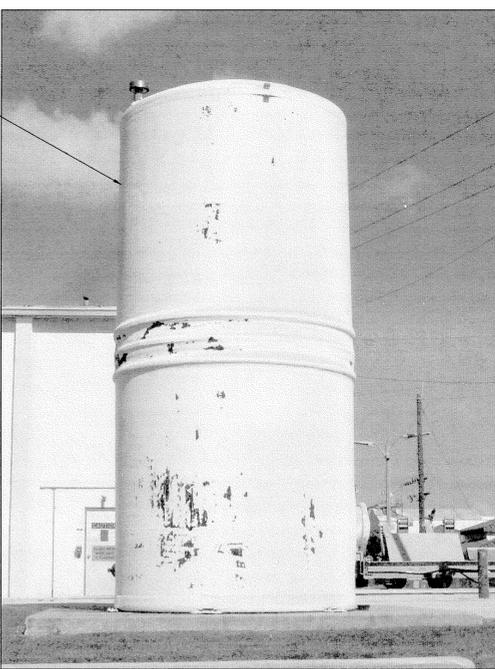
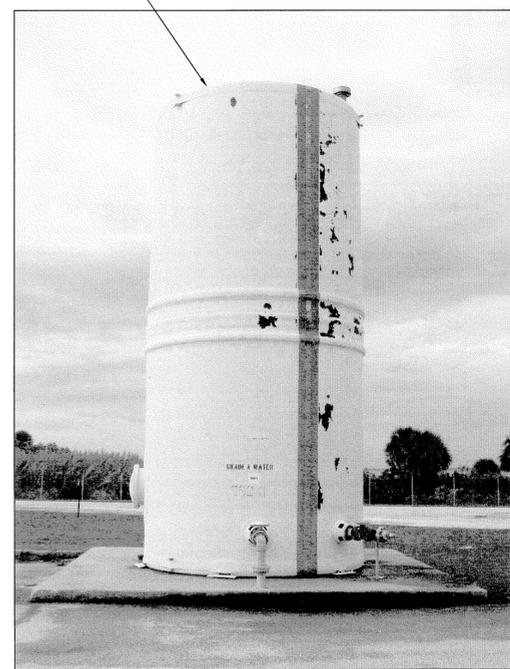
**TO REMAIN**

- A** FENCING



**66238 1**  
NTS D6

**66238 2**  
NTS D6



**66241 3**  
NTS D7

**66241 4**  
NTS D7

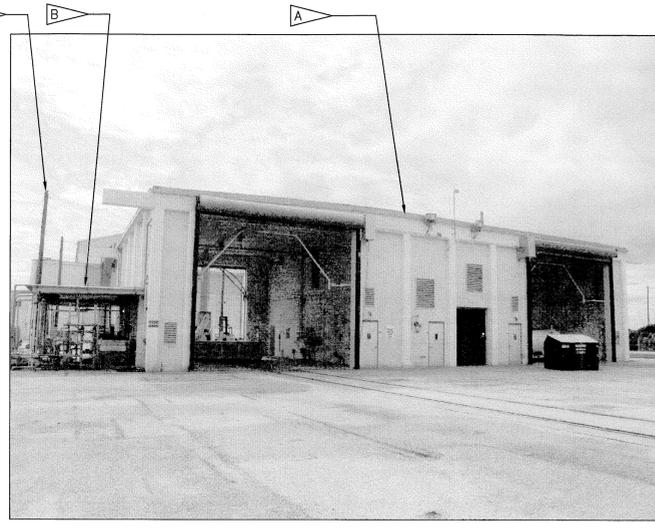
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SIGNATURES		DATE							
DRAWN C. COFFEY		06/10/13							
CHECKED K. RIVERA		06/10/13							
SUBMITTED J. BELL		06/10/13							
ST. of LICENSURE: FL LICENSE NO: 69033		06/10/13							
APPROVED D. OTERO		6/12/13							
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>66238 &amp; 66241 PHOTOS</b>							
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D44	F	79K39391							
PROJ. NO. 97963.9		SHEET 51							

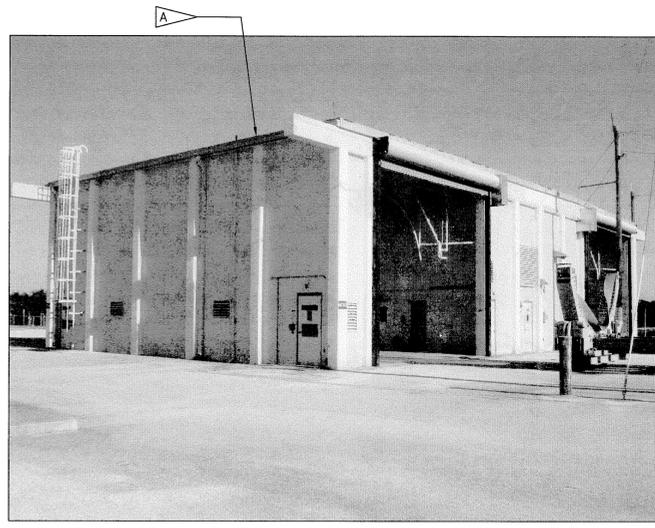
8 7 6 5 4 3 2 1

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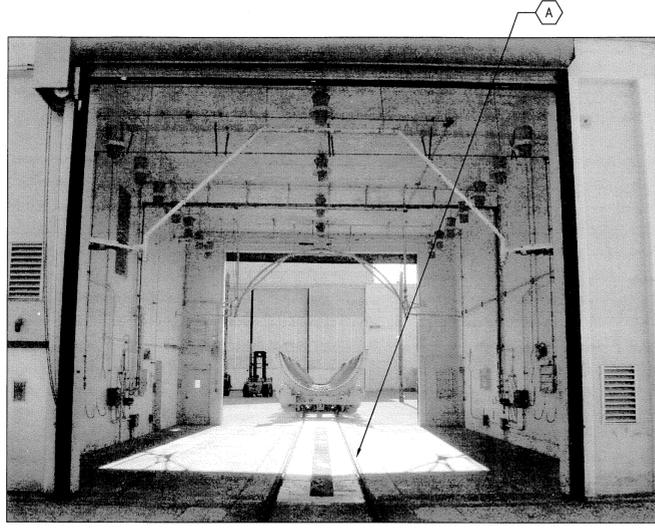
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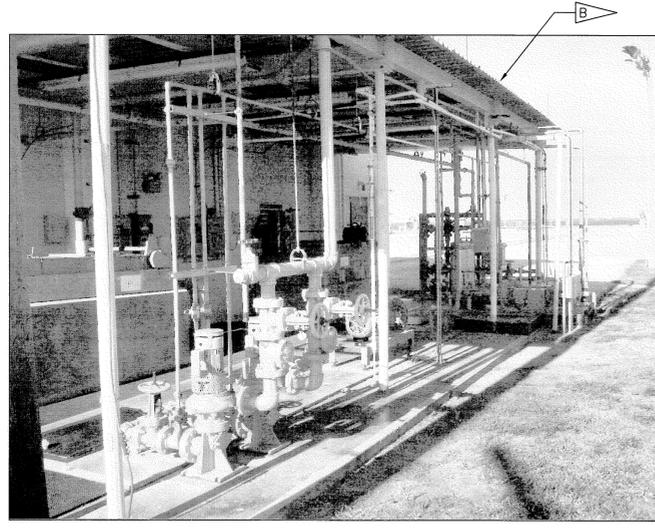
66242 1  
NTS D7



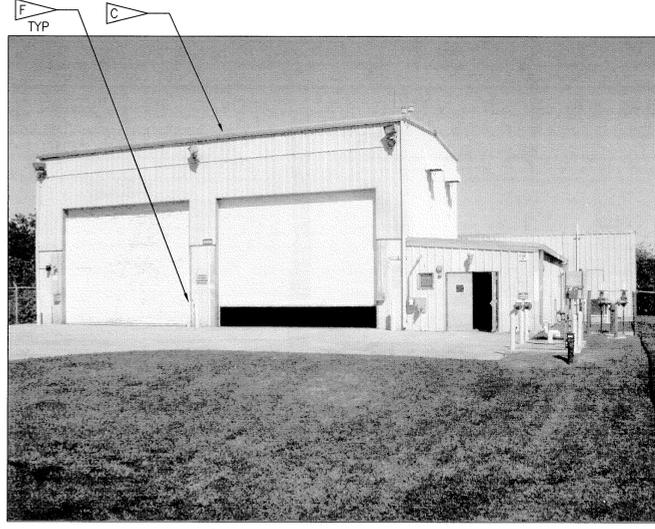
66242 2  
NTS D7



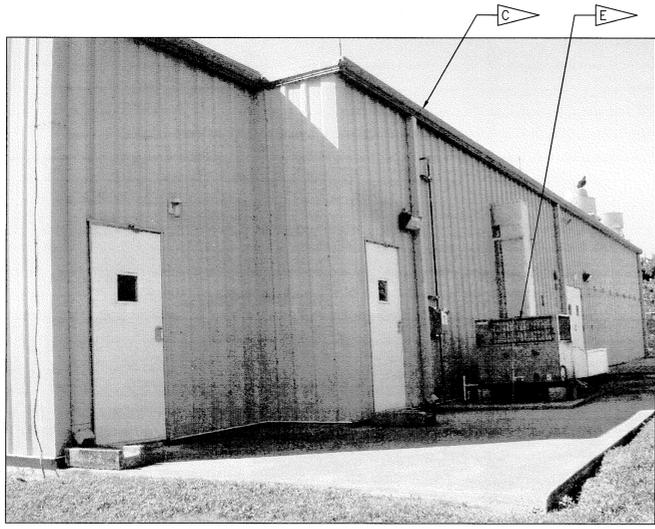
66242 3  
NTS D7, D8



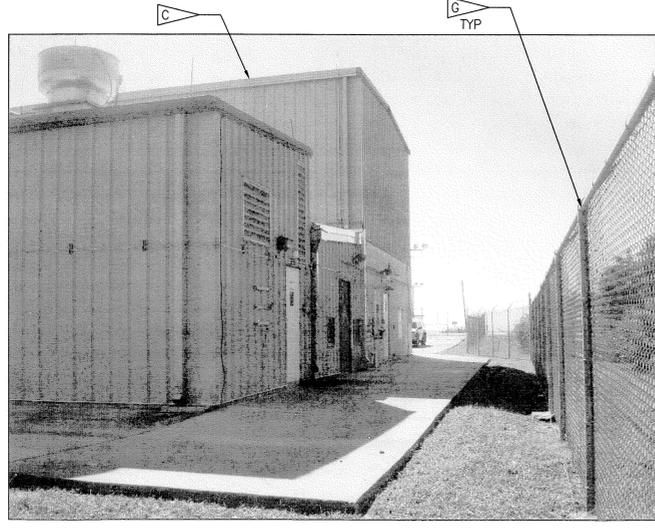
66242 4  
NTS D7



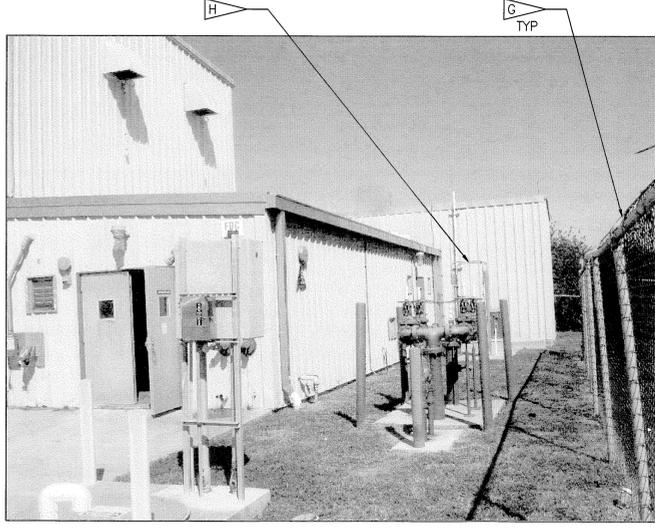
66249 5  
NTS D10



66249 6  
NTS D10



66249 7  
NTS D10



66249 8  
NTS D10

**FLAG NOTES**

- A DEMOLISH FIRST WASH BUILDING (66242), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- B DEMOLISH OVERHEAD ROOF, FOUNDATION, CONCRETE SLABS, EQUIPMENT, PIPING, AND ASSOCIATED APPURTENANCES
- C DEMOLISH THRUST VECTOR CONTROL DESERVICING BUILDING (66249), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- D DEMOLISH LIGHTNING PROTECTION TOWERS, OVERHEAD CABLES, AND ASSOCIATED APPURTENANCES
- E DEMOLISH HVAC EQUIPMENT, CONCRETE PADS, AND ASSOCIATED APPURTENANCES
- F DEMOLISH BOLLARDS AND ASSOCIATED APPURTENANCES
- G DEMOLISH CHAIN LINK FENCE, POSTS, FOUNDATIONS, AND ASSOCIATED APPURTENANCES
- H DEMOLISH EYE WASH STATION, PIPING, AND ASSOCIATED APPURTENANCES

**TO REMAIN**

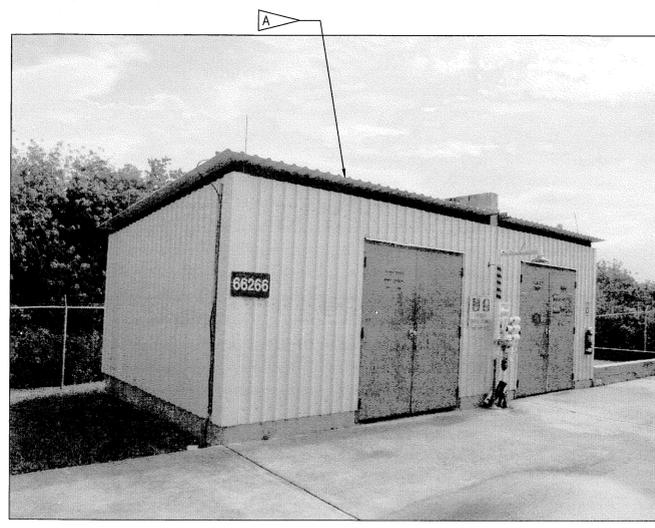
- A RAILS AND CONCRETE WITHIN 18" OF RAILS

THIS SPACE RESERVED

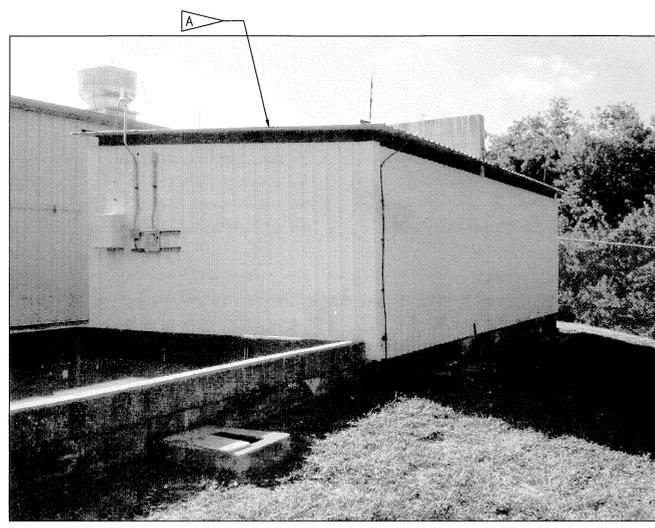
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REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14000212P3-D45.DWG				
<p style="font-size: small; margin: 0;">733 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-8821 3910 S 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 BELL		06/10/13		
ST of LICENSEURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. TOHR		6/10/13		
I. OTERO		6/12/13		
<p style="font-size: small; margin: 0;">NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA</p>		<p style="margin: 0;"><b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b></p> <p style="margin: 0;"><b>BUILDINGS 66242 &amp; 66249 PHOTOS</b></p>		
FILE NO.		SIZE	DWG. NO.	REV
D45		F	79K39391	
PROJ. NO. 97963.9		SHEET 52		

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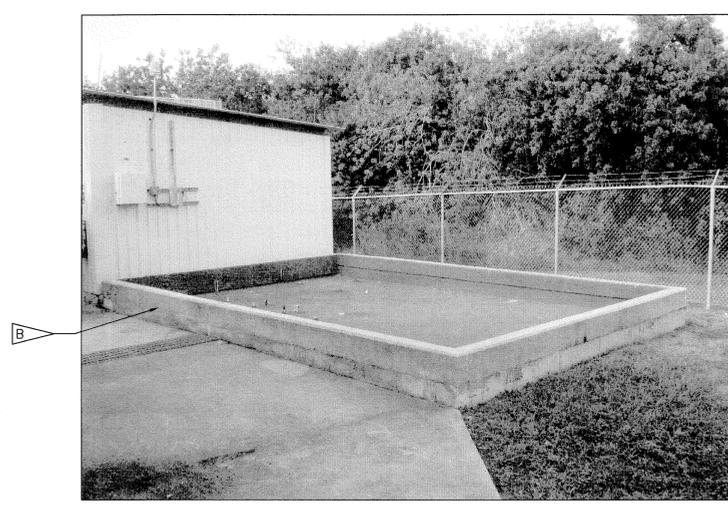
- FLAG NOTES**
- A DEMOLISH DRUM STORAGE BUILDING (66266), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
  - B DEMOLISH TANK FARM (66267), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES



66266 1  
NTS D10



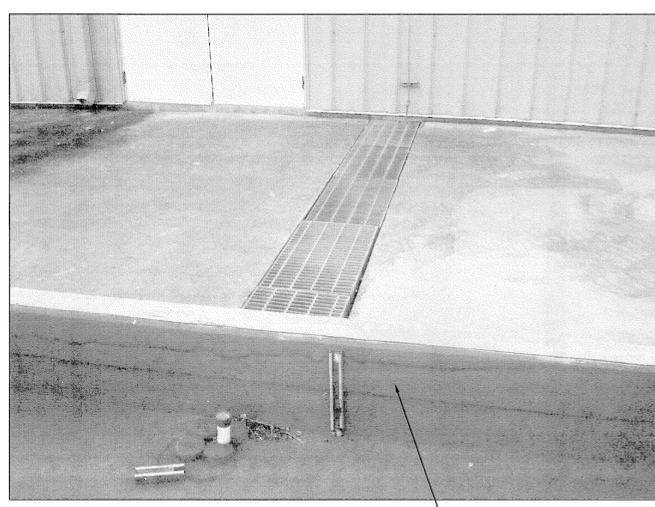
66266 2  
NTS D10



66267 3  
NTS D10



66267 4  
NTS D10



66267 5  
NTS D10

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
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<p style="font-size: x-small; margin: 0;">730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-5821 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 BELL		06/10/13		
ST of LICENSURE: FL LICENSE NO: 69033		06/10/13		
APPROVED D. TOTH		6/10/13		
I. OTERO		6.12.13		
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>66266 &amp; 66267 PHOTOS</b>		
FILE NO.		SIZE	DWG. NO.	REV
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PROJ. NO. 97963.9		SHEET 53		

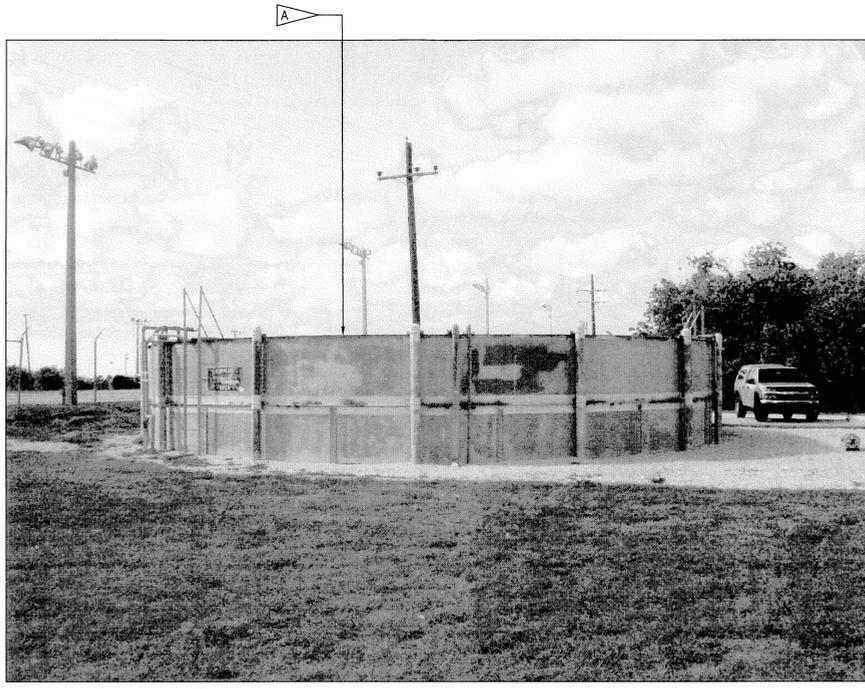
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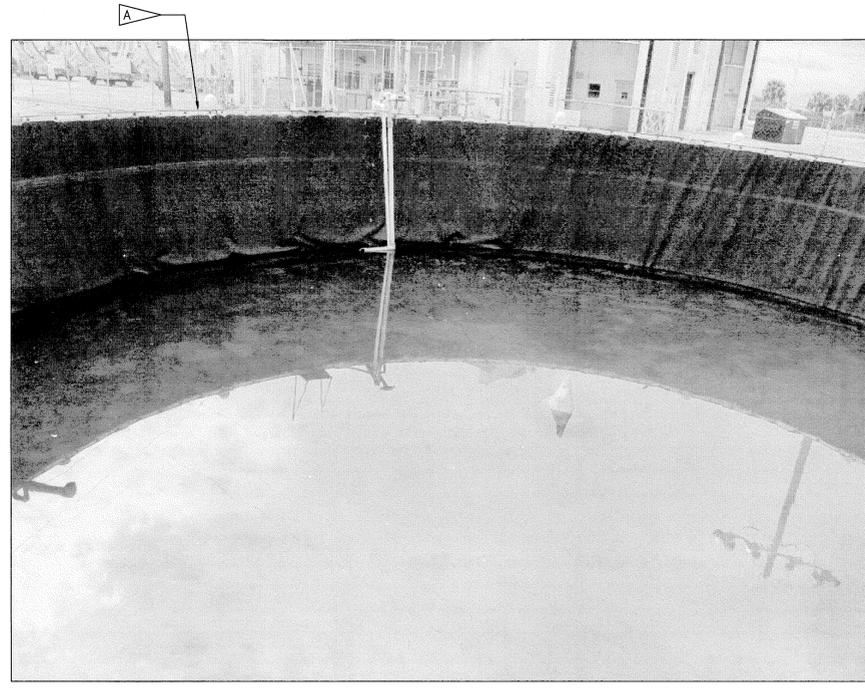
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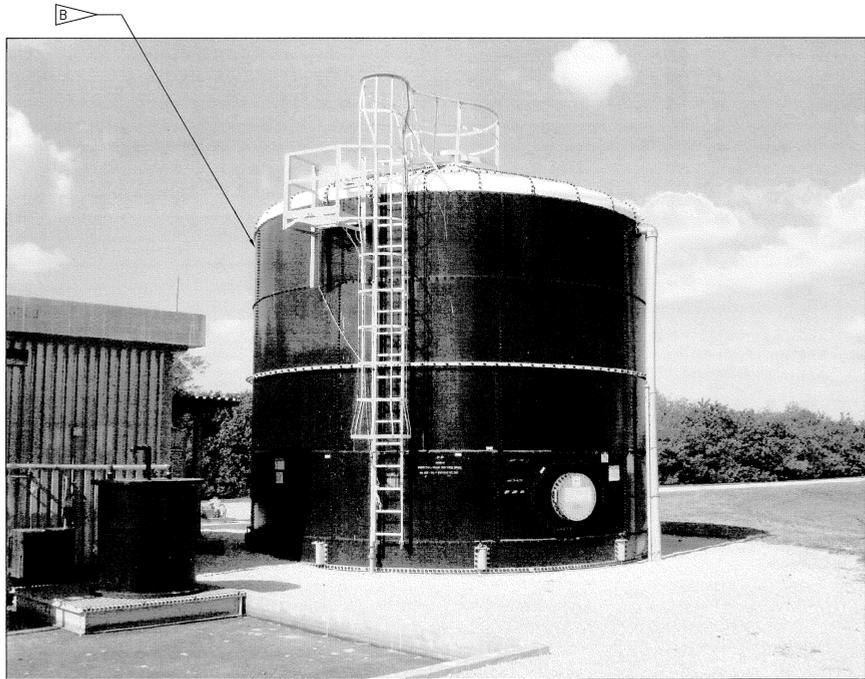
- FLAG NOTES**
- A DEMOLISH CONTAMINATED WATER TANK (66246), FOUNDATION, AND ASSOCIATED APPURTENANCES
  - B DEMOLISH WASTE WATER TANK (66256), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
  - C DEMOLISH PUMPS AND ASSOCIATED APPURTENANCES



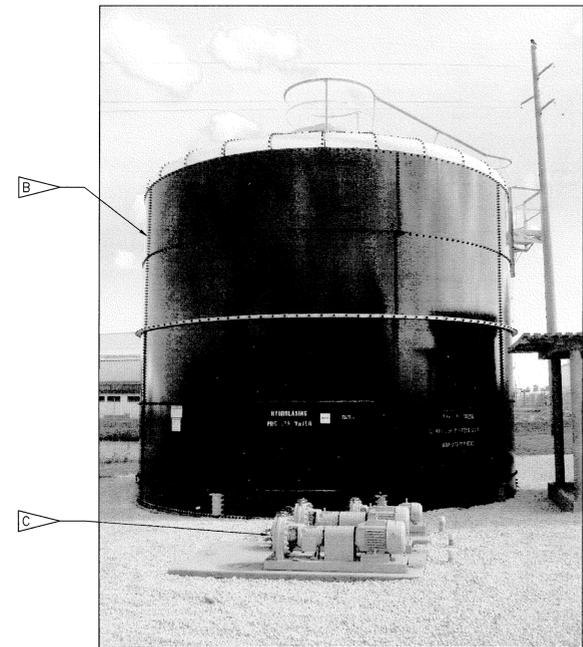
66246 1  
NTS D7



66246 2  
NTS D7



66256 3  
NTS D7

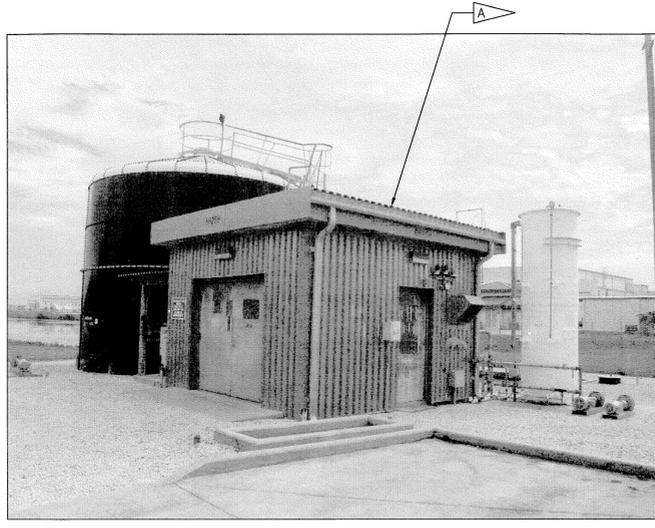


66256 4  
NTS D7

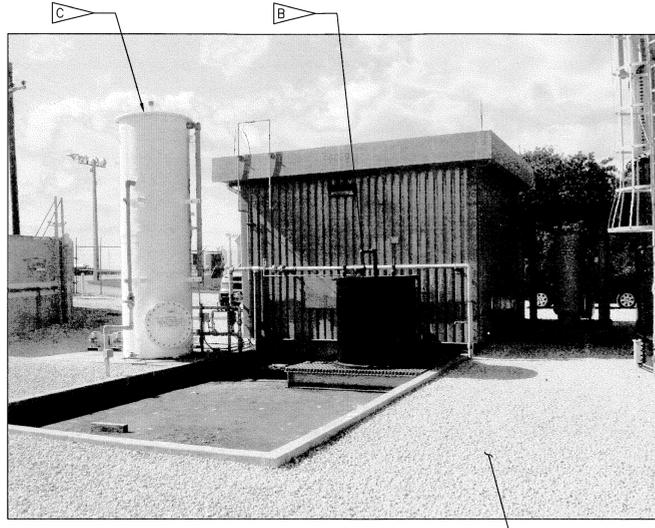
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REVISIONS				
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SIGNATURES		DATE		
DRAWN C. COFFEY		06/10/13		
CHECKED K. RIVERA		06/10/13		
SUBMITTED J. BELL		06/10/13		
STATE OF FLORIDA LICENSE NO: 69033		06/10/13		
APPROVED D. OTERO		6/10/13		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>66246 &amp; 66256 PHOTOS</b>		
FILE NO.				
D47		F	79K39391	
PROJ. NO. 97963.9		SHEET		54

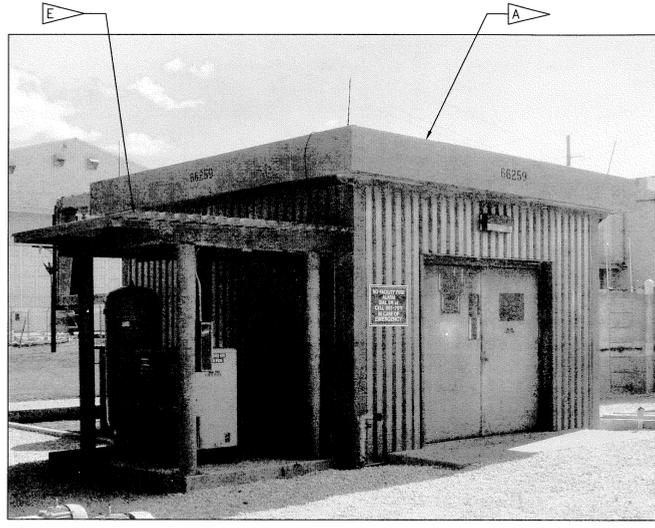
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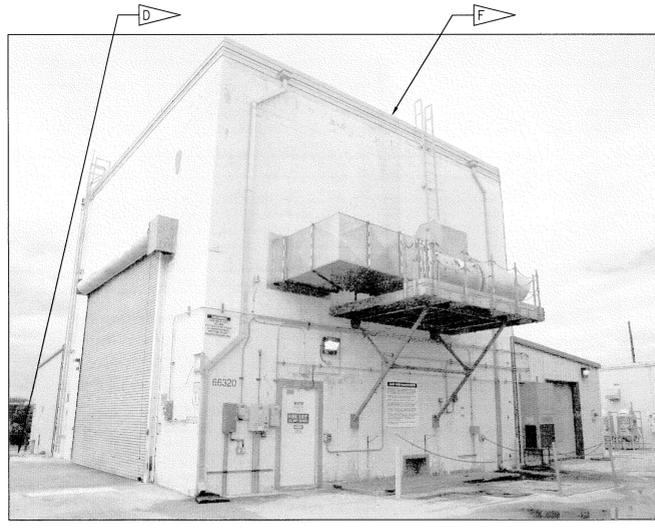
66259 (1)  
NTS D7



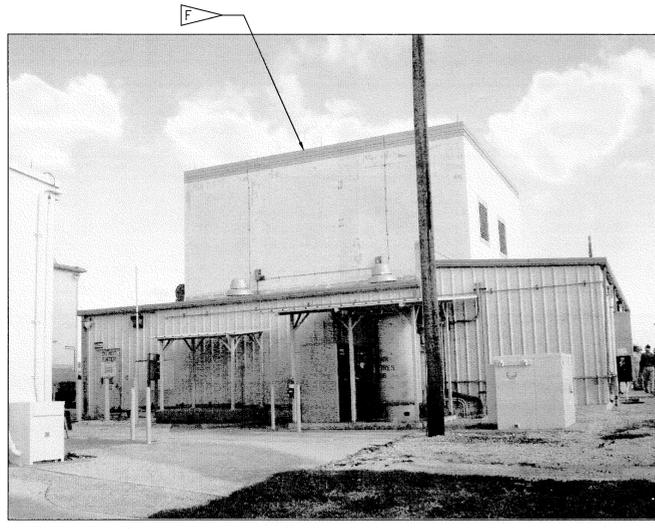
66259 (2)  
NTS D7



66259 (3)  
NTS D7



66320 (4)  
NTS D13



66320 (5)  
NTS D13



66320 (6)  
NTS D13, D15



66320 (7)  
NTS D13



66320 (8)  
NTS D13, D15



66259 (9)  
NTS D7

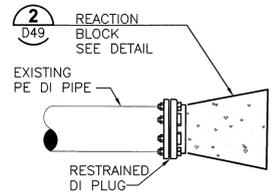
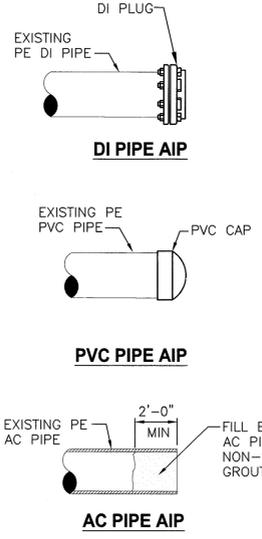
**FLAG NOTES**

- A DEMOLISH EQUIPMENT BUILDING (66259), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- B DEMOLISH STORAGE TANK, PIPING, GRATING, SUPPORTS, AND ASSOCIATED APPURTENANCES
- C DEMOLISH STORAGE TANK, PIPING, PUMPS, AND ASSOCIATED APPURTENANCES
- D DEMOLISH GRAVEL LANDSCAPING
- E DEMOLISH EQUIPMENT SHED, EQUIPMENT, AND ASSOCIATED APPURTENANCES
- F DEMOLISH ROBOT WASH BUILDING (66320), FOUNDATION, CONCRETE SLABS, AND ASSOCIATED APPURTENANCES
- G DEMOLISH BOLLARDS AND ASSOCIATED APPURTENANCES
- H DEMOLISH WASH DOWN, CANOPY, COLUMNS, PIPING, AND ASSOCIATED APPURTENANCES
- J DEMOLISH EQUIPMENT PAD, BOLLARDS, CANOPY, COLUMNS, PIPING, AND ASSOCIATED APPURTENANCES
- K DEMOLISH TANK, ACCESS HATCH, INTERIOR PUMP, AND ASSOCIATED APPURTENANCES
- L DEMOLISH LIFT STATION (FAC #66334, REF #322) WET WELL, VALVE VAULT, PIPING, CONTROL PANEL, AND ASSOCIATED APPURTENANCES, AS DESCRIBED BELOW.
  - A. REMOVE AND DISPOSE OF ALL PIPING, EQUIPMENT, FLOATS, CABLES, AND RELATED EQUIPMENT IN THE WET WELL; ALL ABOVE AND BELOW GRADE POWER/CONTROL CABLES AND CONDUITS; CONTROL PANEL, CIRCUIT BREAKER BOX AND POWER POLE; ABOVE GRADE PIPING AND VALVES; THE UPPER SECTION (4 FOOT MINIMUM) OF THE WET WELL; AND CONCRETE SURFACES, PADS AND VALVE VAULT.
  - B. REMOVE AND DISPOSE OF ALL LIQUIDS AND SOLIDS IN EXISTING WET WELL. DISINFECT THE EXISTING WET WELL AND REMOVE AND DISPOSE OF DISINFECTANT. CUT FIVE 1 FT DIA HOLES IN WET WELL BASE TO ALLOW FOR PERCOLATION. FILL THE EXISTING WET WELL WITH SAND AND COMPACT TO 85% MODIFIED PROCTOR.
  - C. THE CONTRACTOR SHALL OBTAIN CERTIFICATION OF COMPLETION FROM THE FDEP.
  - D. CONNECT EXISTING INFLUENT PIPE FROM UPSTREAM LIFT STATION (FAC #66337, REF #323) TO EXISTING BELOW GRADE DISCHARGE PIPE. SEE 66320 LIFT STATION RE-PIPING PLAN ON SHEET D50.
- M DEMOLISH SEDIMENT TANK, PIPING AND ASSOCIATED APPURTENANCES, AS DESCRIBED BELOW.
  - A. REMOVE AND DISPOSE OF ALL PIPING, EQUIPMENT, CABLES, AND RELATED EQUIPMENT IN THE SEDIMENT TANK; THE UPPER SECTION (4 FOOT MINIMUM) OF THE SEDIMENT TANK; AND ALL ASSOCIATED CONCRETE SURFACES AND PADS. THE DEBRIS BASKET SHOWN IN THE AS-BUILT DRAWINGS HAS BEEN REMOVED.
  - B. REMOVE AND DISPOSE OF ALL LIQUIDS AND SOLIDS IN EXISTING SEDIMENT TANK. CUT FIVE 1 FT DIA HOLES IN SEDIMENT TANK BASE TO ALLOW FOR PERCOLATION. FILL THE EXISTING SEDIMENT TANK WITH SAND AND COMPACT TO 85% MODIFIED PROCTOR.
- N DEMOLISH UTILITY VAULT AND ASSOCIATED APPURTENANCES

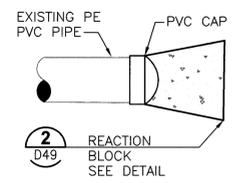
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I. OTERO		6.11.13		
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FILE NO.				
PROJ. NO. 97963.9		SHEET 55		

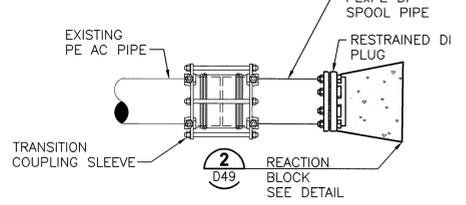
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**DI PIPE IN SERVICE**

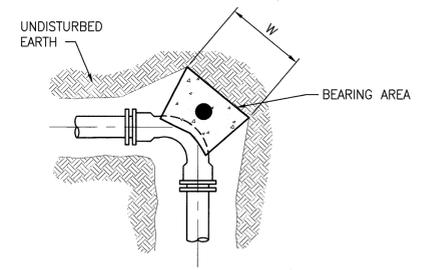


**PVC PIPE IN SERVICE**

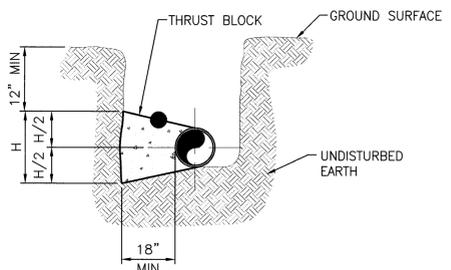


**AC PIPE IN SERVICE**

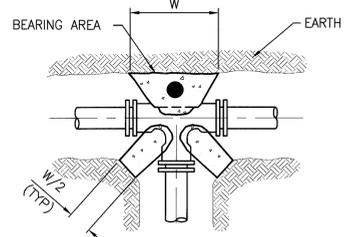
**TYPICAL PIPE CAP DETAIL 1**  
NTS D4,D6,D9,D12,D15,D49,D50



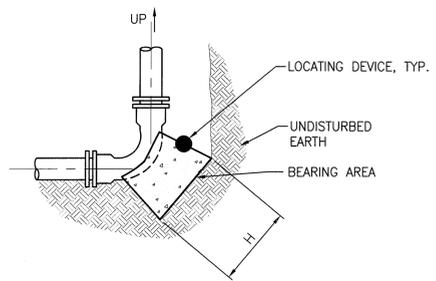
**BENDS PLAN**



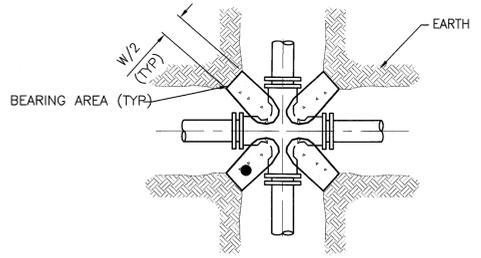
**ILLUSTRATIVE SECTION**



**TEE PLAN**



**BENDS IN SECTION**



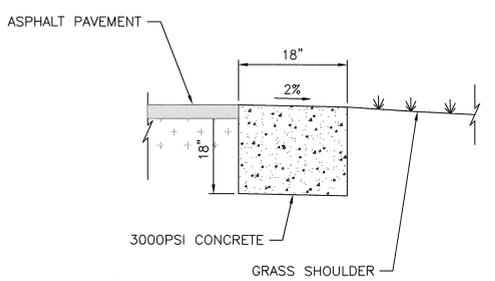
**CROSS PLAN**

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

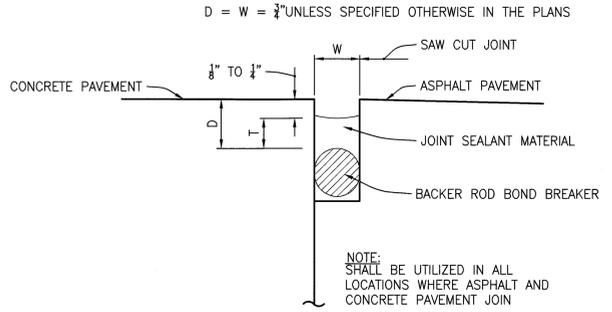
**REACTION BLOCK NOTES**

- 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.
- BEARING AREAS FOR PLUGS SHALL BE THE SAME AS FOR TEES.
- FORM REACTION BLOCKS TO KEEP CONCRETE CLEAR OF JOINTS AND BOLTS.
- 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.
- PLACE PRESSURE TREATED WOOD BOARDS IN FRONT OF PLUG, AT TEE, CROSS OR END OF PIPE BEFORE POURING CONCRETE REACTION BLOCK.
- 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.
- 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.

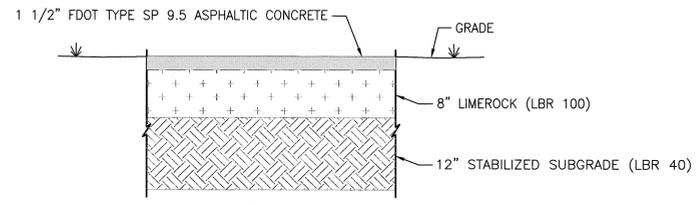
**TYPICAL REACTION BLOCK (THRUST BLOCK) DETAILS 2**  
NTS D49



**RIBBON CURB DETAIL 3**  
NTS D14



**CONCRETE/ASPHALT CONSTRUCTION JOINT DETAIL 4**  
NTS D50



**ASPHALT PAVEMENT DETAIL 5**  
NTS D8,D50

D = W = 3/4" UNLESS SPECIFIED OTHERWISE IN THE PLANS

NOTE: SHALL BE UTILIZED IN ALL LOCATIONS WHERE ASPHALT AND CONCRETE PAVEMENT JOIN

NOTE: ASPHALT, LIMEROCK, AND STABILIZED SUB-GRADE SHALL BE IN ACCORDANCE WITH THE LATEST FDOT SPECIFICATIONS.

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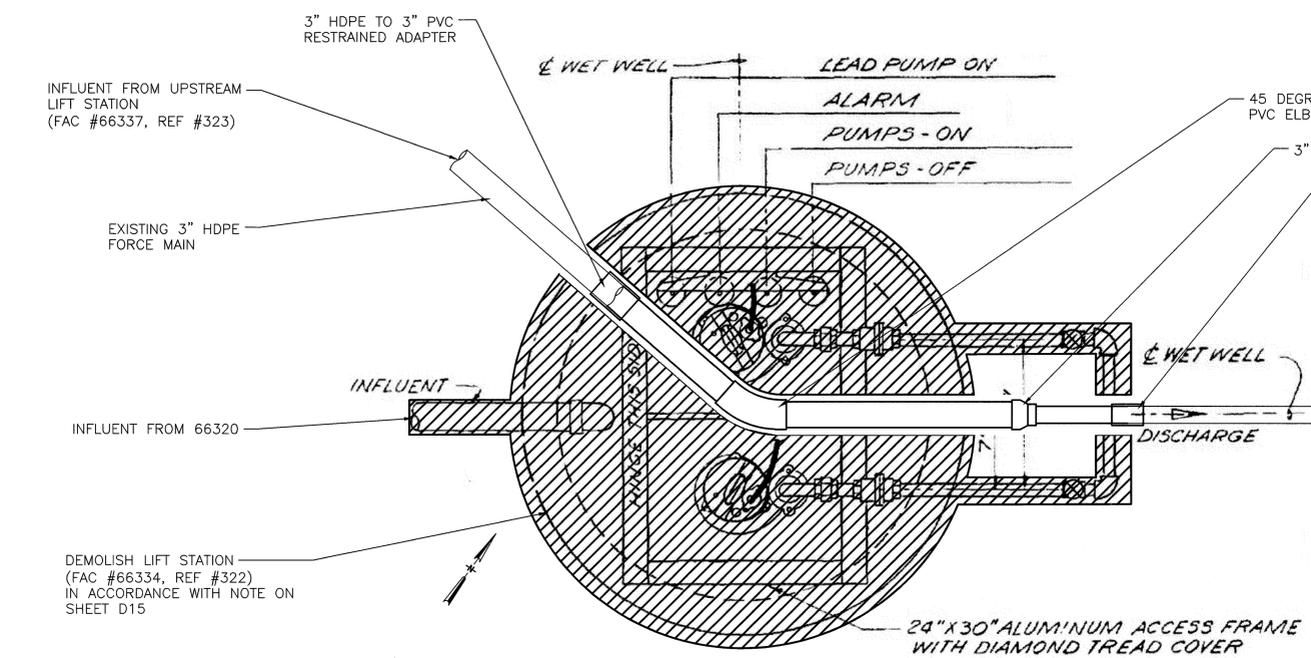
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APPROVED D. OTERO		6/12/13		
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D49		F	79K39391	
PROJ. NO. 97963.9		SHEET 56		

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**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

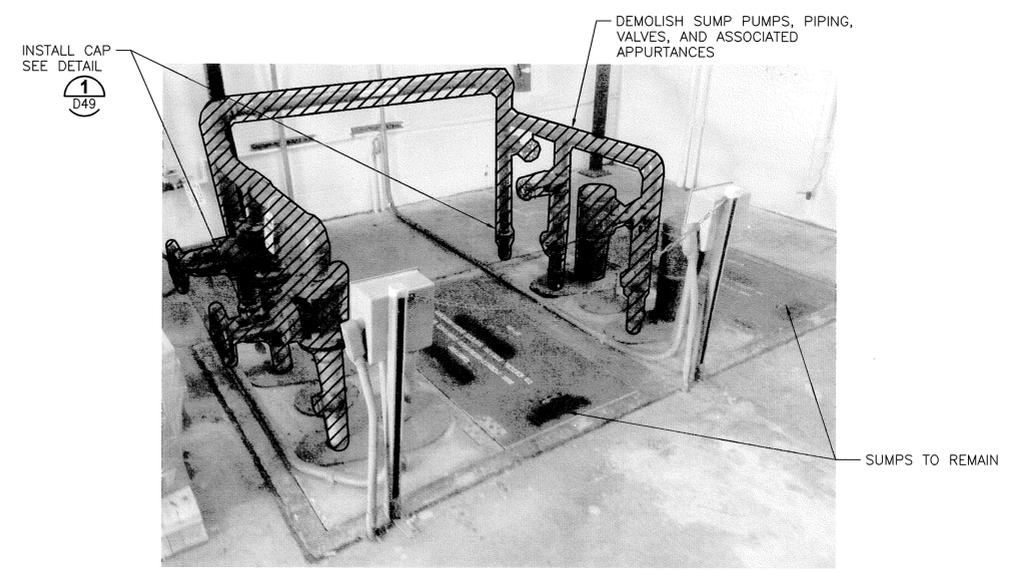
**DETAILS**

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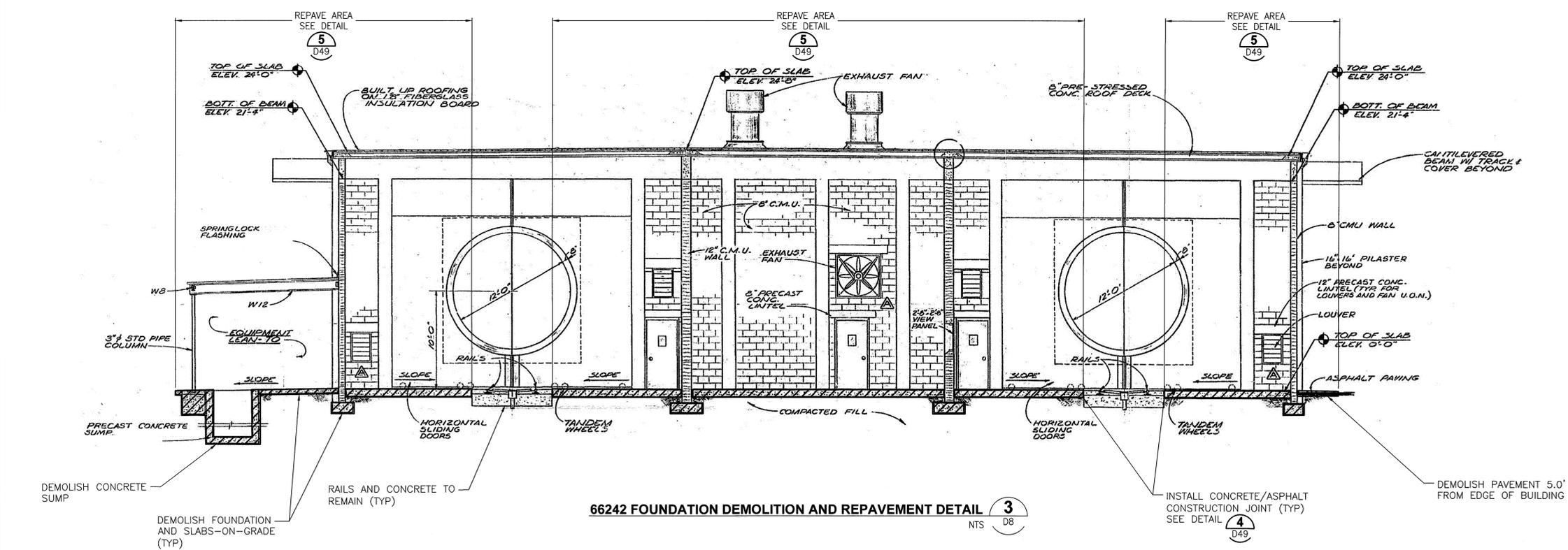


**66320 LIFT STATION RE-PIPING PLAN** 1  
NTS D15

**LIFT STATION RE-PIPING NOTES**  
 A. PVC SHALL BE SOLVENT WELD SCHEDULE 80.  
 B. HDPE-PVC RESTRAINED ADAPTER SHALL HAVE A STAINLESS STEEL INSERT MADE OF 304 STAINLESS STEEL.



**EAST WASH BUILDING (66240) SUMP ISOLATION PLAN** 2  
NTS D15



**66242 FOUNDATION DEMOLITION AND REPAVEMENT DETAIL** 3  
NTS D8

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**ELECTRICAL NOTES**

- UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY PHYSICAL LOCATIONS OF ALL EQUIPMENT TO BE DEMOLISHED.
- THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION ACTIVITIES AND UTILITY DISCONNECTS AND OUTAGES WITH THE CONTRACTING OFFICER PRIOR TO COMMENCING DEMOLITION.
- CONTRACTOR SHALL LOCK-OUT/TAG-OUT ALL ELECTRICAL EQUIPMENT AND SYSTEMS PRIOR TO DEMOLITION ACTIVITIES, INCLUDING HVAC CONTROLS AND EQUIPMENT.
- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE, NEC.
- UNLESS OTHERWISE NOTED, ALL DEMOLISHED UNDERGROUND CONDUIT SHALL BE CUT AND CAPPED 18" BELOW FINISHED GRADE. CONDUCTORS SHALL BE REMOVED TO THEIR SOURCE. DIRECT BURY CONDUCTORS AND ALL COMMUNICATION CABLING SHALL BE CUT 18" BELOW FINISHED GRADE AND ABANDONED. IF FOUNDATION IS TO REMAIN, DEMOLISH CONDUIT AND CONDUCTORS TO A DISTANCE OF 5' MIN BEYOND THE LIMITS OF THE FOUNDATION. NO DUCT BANKS OR POWER/COMM MANHOLES SHALL BE DEMOLISHED.
- NOTE THAT IDENTIFIED CIRCUITS, FEEDER LOCATIONS AND SOURCE PANEL INFORMATION IS BASED UPON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. THE CONTRACTOR SHALL FIELD CONFIRM INFORMATION SHOWN AND NOTIFY THE COR OF ANY CHANGED CONDITIONS.
- WHEN LOAD SIDE FEEDERS ARE DEMOLISHED FROM SOURCE, CREATE AND PROVIDE UPDATED IDENTIFYING LABELING AS REQUIRED BY THE NEC SHOWING REMAINING AND SPARE CIRCUITS.
- SITE PHOTOGRAPHS SHOWN DEPICT FIELD CONDITIONS AT THE TIME OF DESIGN. CONTRACTOR TO VERIFY FIELD CONDITIONS PRIOR TO START OF WORK AND NOTIFY THE COR OF ANY CHANGED CONDITIONS.

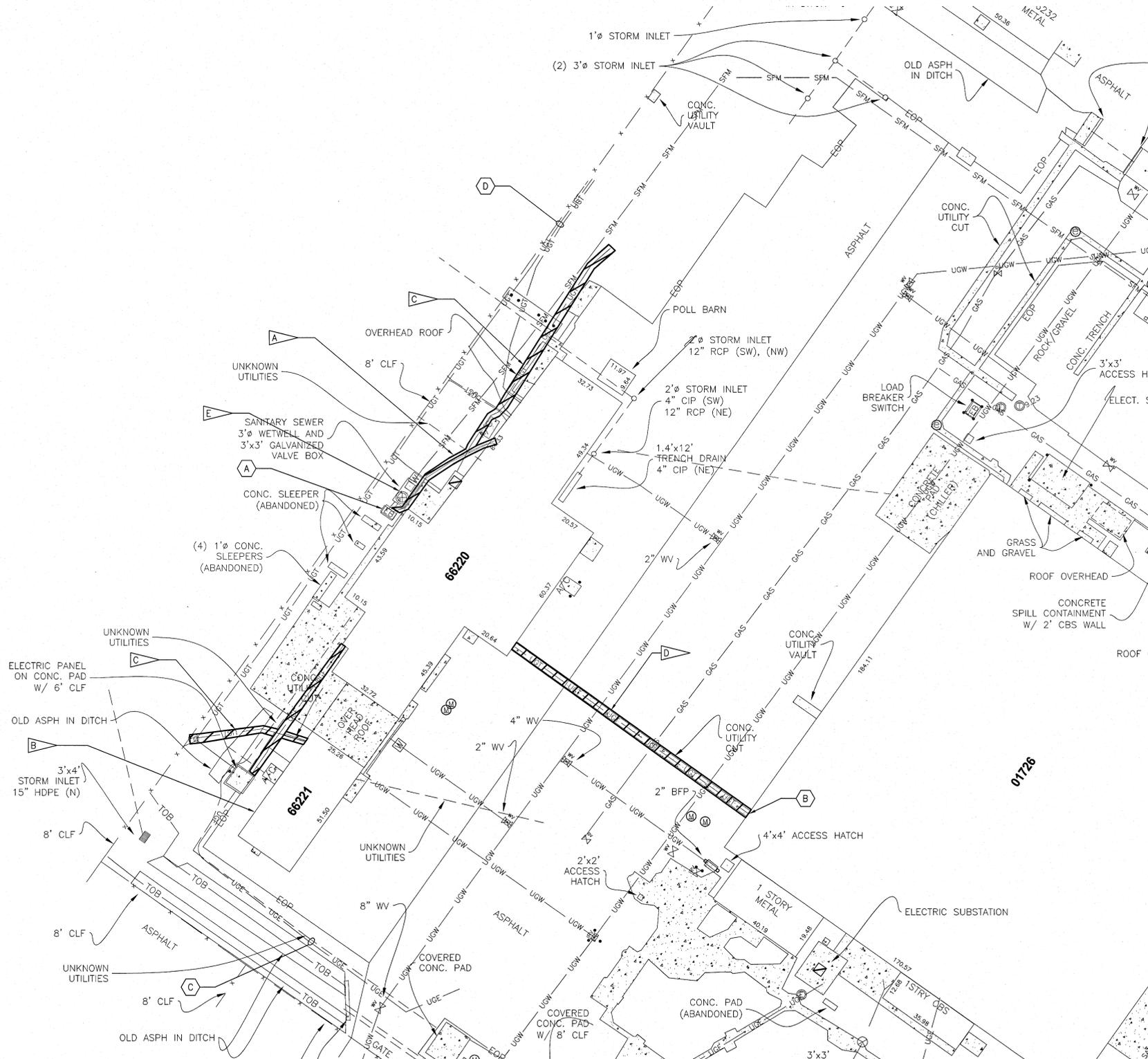
**ABBREVIATIONS**

A	AMPERE, AUTOMATIC	MV	MEDIUM VOLTAGE
AC	ALTERNATING CURRENT	N	NEUTRAL, NORMAL
AFF	ABOVE FINISHED FLOOR	NA	NON-AUTOMATIC
AFG	ABOVE FINISHED GRADE	NC	NORMALLY CLOSED
AMP	AMPERE	NEC	NATIONAL ELECTRICAL CODE
ATS	AUTOMATIC TRANSFER SWITCH	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
AUTO	AUTOMATIC AUX AUXILIARY	NEUT	NEUTRAL
AWG	AMERICAN WIRE GAGE	NO	NORMALLY OPEN
BC	BARE COPPER	NTS	NOT TO SCALE
BFG	BELOW FINISHED GRADE	O-O	ON-OFF
BKR	BREAKER	OOR	ON OFF REMOTE
BLDG	BUILDING	PB	PULL BOX
C	CONDUIT, CONTACTOR, CONDUCTOR, CLOSE	PF	POWER FACTOR
CB	CIRCUIT BREAKER	PH	PHASE
CFWE	CABLE FURNISHED WITH EQUIPMENT	PNL	PANEL
CKT	CIRCUIT	PT	POTENTIAL TRANSFORMER
CO	CONTRACTING OFFICER	PVC	POLYVINYL CHLORIDE CONDUIT
CPT	CONTROL POWER TRANSFORMER	PWR	POWER
CRE	CORROSION RESISTANT	RCPT	RECEPTACLE
CT	CURRENT TRANSFORMER, CABLE TRAY	RF	RADIO FREQUENCY
DC	DIRECT CURRENT	RGS	RIGID GALVANIZED STEEL
DIV	DIVISION	RMS	ROOT MEAN SQUARE
DS	DISCONNECT SWITCH	RTU	REMOTE TERMINAL UNIT
EP	EXPLOSION-PROOF	RVAT	REDUCED VOLTAGE AUTOTRANSFORMER
FDR	FEEDER	RVNR	REDUCED VOLTAGE NON REVERSING
F,FU	FUSE	RVR	REDUCED VOLTAGE REVERSING
FLEX	FLEXIBLE CONDUIT	SA	SURGE ARRESTER
FO	FIBER OPTIC	SPD	SURGE PROTECTIVE DEVICE
FREQ	FREQUENCY	SS	STAINLESS STEEL
FVNR	FULL VOLTAGE NON-REVERSING	SSRV	SOLID STATE REDUCED VOLTAGE
FVR	FULL VOLTAGE REVERSING	ST	SHUNT TRIP
G	GROUND	SV	SOLENOID VALVE
GALV	GALVANIZED	SW	SWITCH
GEN	GENERATOR	TEL	TELEPHONE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TEMP	TEMPERATURE
GND	GROUND	TJB	TERMINAL JUNCTION BOX
HP	HORSEPOWER	TSP	TWISTED SHIELDED PAIR
HPS	HIGH PRESSURE SODIUM	UGE	UNDERGROUND ELECTRIC
HOA	HAND OFF AUTOMATIC	UGT	UNDERGROUND TELEPHONE
HW	HARDWIRED	UNO	UNLESS NOTED OTHERWISE
IC	INTERRUPTING CAPACITY	UPS	UNINTERRUPTIBLE POWER SUPPLY
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS	V	VOLTAGE, VOLTS
I&C	INSTRUMENTATION AND CONTROL	VFD	VARIABLE FREQUENCY DRIVE
J,JB	JUNCTION BOX	V-B	VFD BYPASS
K	KEY INTERLOCK	W	WATT
KA	KILOAMPERES	WP	WEATHERPROOF
KCCS	KENNEDY COMPLEX CONTROL SYSTEM	WWF	WELDED WIRE FABRIC
KCMIL	THOUSAND CIRCULAR MILS	W/	WITH
KV	KILOVOLT	XFMR	TRANSFORMER
KVA	KILOVOLT AMPERES	□	PHASE
KW	KILOWATTS		
KWH	KILOWATT HOUR		
L	LIGHTING CONTACTOR, LOW SPEED, LOWER		
LB	POUND		
LT	LIQUID-TIGHT		
FLEX	FLEX CONDUIT		
M	MAGNETIC CONTACTOR COIL, MOTOR, MANUAL		
MCC	MOTOR CONTROL CENTER		
MH	MANHOLE, METAL HALIDE, MOUNTING HEIGHT		
MO	MOTOR OPERATOR		
MS	MOTOR STARTER		
MSC	MISCELLANEOUS		
MT,MTD	MOUNT, MOUNTED		

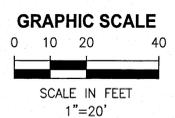
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		<b>GENERAL ELECTRICAL NOTES</b>		
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**ELECTRICAL SITE PLAN BUILDINGS 66220 & 66221**  
1"=20'



**FLAG NOTE**

- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT INSTITUTIONAL STORAGE FACILITY (66220) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO TRANSFORMER SUBSTATION SS HS17. SEE SHEET E8 FOR ELECTRICAL ONE-LINE.
- B DEMOLISH ALL ELECTRICAL EQUIPMENT AT INSTITUTIONAL STORAGE FACILITY (66221) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO SOURCE PANEL P1-A LOCATED IN BUILDING 66220. SEE SHEET E8 FOR ELECTRICAL ONE-LINE. **2**  
E12
- C DEMOLISH ALL COMMUNICATION CIRCUITS. DISCONNECTION TO BE PERFORMED BY OTHERS.
- D PULL BACK CONDUCTORS TO COMMUNICATION JUNCTION BOX MOUNTED TO SW CORNER OF BUILDING 01726 AND COIL IN JUNCTION BOX FOR REMOVAL BY OTHERS. DISCONNECTION TO BE PERFORMED BY OTHERS.
- E THE CONTRACTOR SHALL DEMOLISH ALL ELECTRICAL EQUIPMENT AT LIFT STATION INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. **3 4**  
E12 E12

**TO REMAIN**

- A TRANSFORMER SUBSTATION SS HS17 **1**  
E12
- B COMMUNICATIONS JUNCTION BOX
- C UNDERGROUND ELECTRIC LINES
- D UNDERGROUND COMMUNICATION LINES

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<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>			
<b>ELECTRICAL SITE PLAN BUILDINGS 66220 &amp; 66221</b>			
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PROJ. NO. 97963.9		SHEET 59	

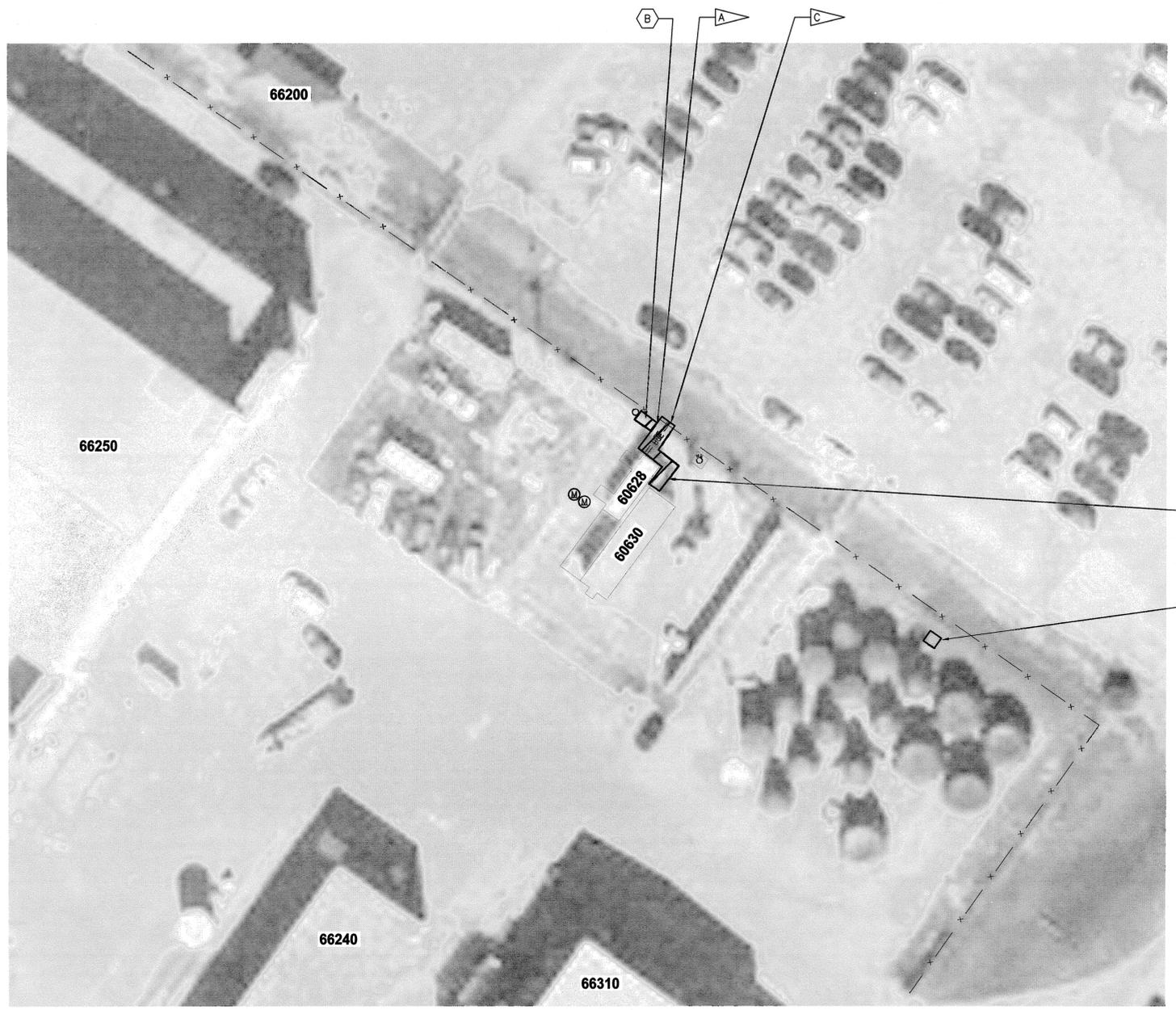
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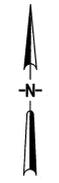
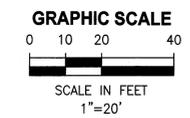
- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT POL SHELTER (60628) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT, DEMOLISH EXISTING CONDUCTORS TO JUNCTION BOX LOCATED ON AREA LIGHT POLE. 1 4  
E13 E13
- B DEMOLISH ALL ELECTRICAL EQUIPMENT AT POL SHELTER (60630) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO SOURCE IN BUILDING 60628. 2  
E13
- C DEMOLISH ALL COMMUNICATION CIRCUITS. DISCONNECTION TO BE PERFORMED BY OTHERS. 1  
E13

**TO REMAIN**

- A FREE STANDING COMMUNICATION PANEL CA-2631 3  
E13
- B JUNCTION BOX LOCATED ON AREA LIGHT POLE 4  
E13



**ELECTRICAL SITE PLAN BUILDINGS 60628 & 60630**  
1"=20'

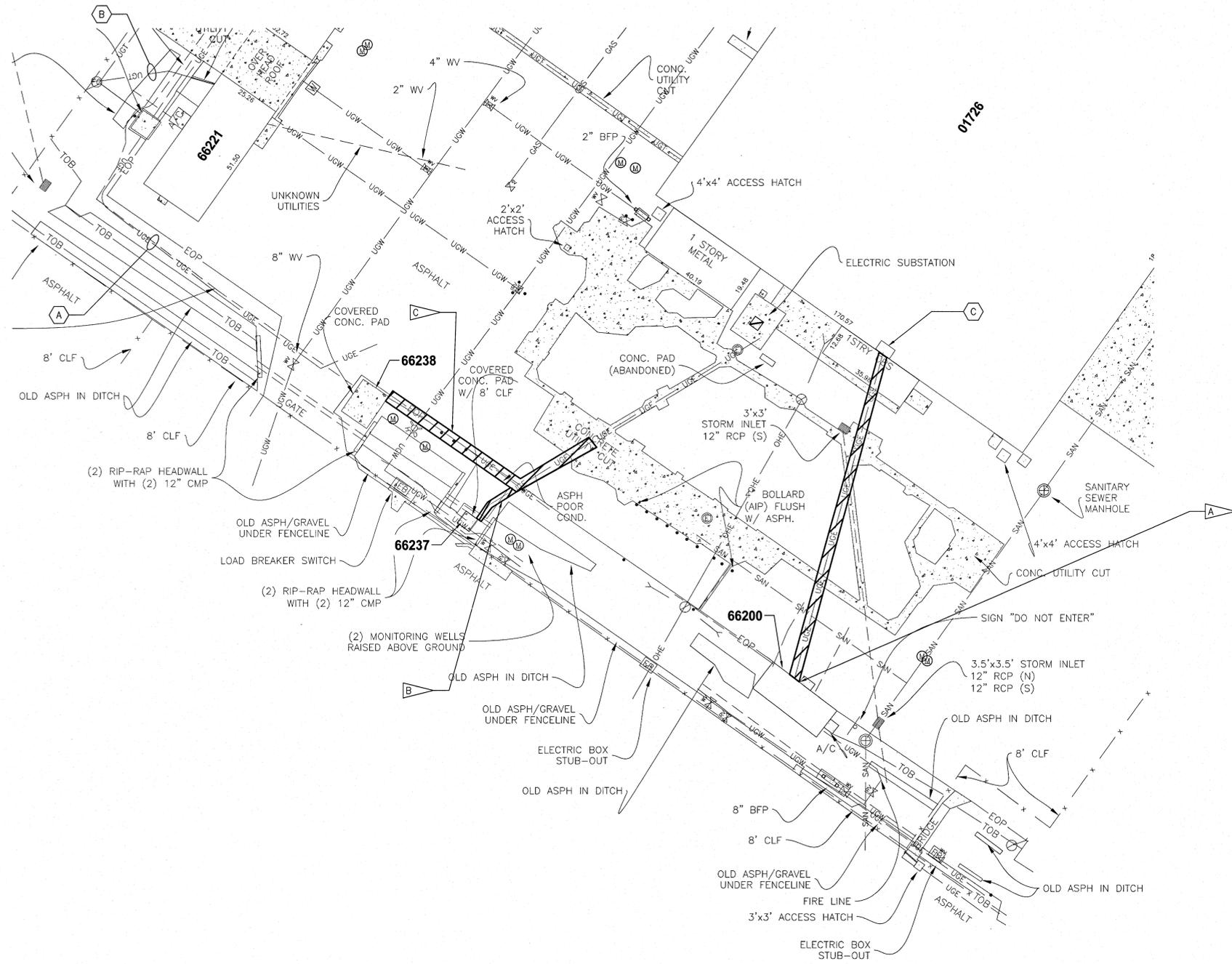


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REVISIONS				
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**JONES EDMUNDS**  
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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2960

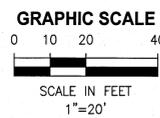
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN L. MILLER		06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED R. CHRUSZCZ		06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>	
SUBMITTED <i>[Signature]</i>		06/10/13		
ST of LICENSURE: FL LICENSE NO: 48898		06/10/13	<b>ELECTRICAL SITE PLAN BUILDINGS 60628 &amp; 60630</b>	
APPROVED S. OTERO		6/10/13		
FILE NO.		SIZE	DWG. NO.	REV
PROJ. NO. 97963.9		F	79K39391	60

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**ELECTRICAL SITE PLAN BUILDINGS 66200, 66237 & 66238**

1"=20'



**FLAG NOTE**

- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT PAINT STORAGE BUILDING (66200) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO PANEL LD IN HANGAR S.
- B DEMOLISH ALL ELECTRICAL EQUIPMENT AT HAZARDOUS WASTE STAGING SHELTER (66237) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. (1) (E14)
- C DEMOLISH ALL ELECTRICAL EQUIPMENT AT HAZARDOUS WASTE STAGING SHELTER (66238) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. (2) (E14)

**TO REMAIN**

- A UNDERGROUND ELECTRIC LINES
- B UNDERGROUND COMMUNICATION LINES
- C APPROXIMATE LOCATION OF PANEL LD INSIDE OF HANGAR S

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

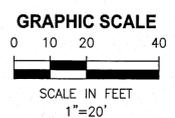
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION								
DRAWN L. MILLER	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA								
CHECKED R. CHRUSZCZ	06/10/13									
SUBMITTED <i>[Signature]</i>	06/10/13									
ST of LICENSURE: FL LICENSE NO: 48898	06/10/13									
APPROVED <i>[Signature]</i> D. OTERO	6/10/13									
<table border="1"> <tr> <td>FILE NO.</td> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td></td> <td>F</td> <td>79K39391</td> <td></td> </tr> </table>		FILE NO.	SIZE	DWG. NO.	REV		F	79K39391		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>ELECTRICAL SITE PLAN BUILDINGS 66200, 66237 &amp; 66238</b>
FILE NO.	SIZE	DWG. NO.	REV							
	F	79K39391								
<table border="1"> <tr> <td>PROJ. NO. 97963.9</td> <td>SHEET 61</td> </tr> </table>		PROJ. NO. 97963.9	SHEET 61							
PROJ. NO. 97963.9	SHEET 61									

FILE: \\lhammond\working\14000\new\212-01\_Design-Close-Demo-Ver-Face-FY13&A\Contract Drawings\Package 3\Electrical\14000212P3-EG4.dwg  
 PRINTED: 6/10/2013 10:17 AM BY USER: Kristian Perez LAST MODIFIED: 6/7/2013 11:34 AM BY USER: Miller

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**ELECTRICAL SITE PLAN 66241, 66242, 66246, 66256 & 66259**  
1"=20'



**FLAG NOTE**

- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT FIRST WASH BUILDING (66242) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO MCCA LOCATED IN BUILDING 66245. SEE SHEET E9 FOR ELECTRICAL ONE-LINE. **1** E15
- B DEMOLISH ALL ELECTRICAL EQUIPMENT AT EQUIPMENT BUILDING (66259) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO MCCA LOCATED IN BUILDING 66242. **2** E15
- C DEMOLISH ALL COMMUNICATION CIRCUITS. DISCONNECTION TO BE PERFORMED BY OTHERS.
- D DEMOLISH LIGHT AND RECEPTACLES AT CATANATION POLE INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT ALONG WITH OVERHEAD FEEDER. **3** E15

**TO REMAIN**

- A ELECTRICAL SUBSTATION 66245 **1** E15
- B UNDERGROUND ELECTRIC LINES
- C OVERHEAD ELECTRIC LINES
- D UNDERGROUND COMMUNICATION LINES
- E LIGHT PANEL FOR AREA LIGHTS **4** E15
- F AREA LIGHT, TYP **5** E15

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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		
ST of LICENSURE: FL LICENSE NO: 48898		06/10/13		
APPROVED D. TOTH		6/10/13		
I. OTERO		6/12/13		
		<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b> <b>ELECTRICAL SITE PLAN 66241, 66242, 66246, 66256 &amp; 66259</b>		<b>FILE NO.</b> 79K39391		
<b>SIZE</b> F		<b>DWG. NO.</b> 79K39391		
<b>PROJ. NO.</b> 97963.9		<b>SHEET</b> 62		

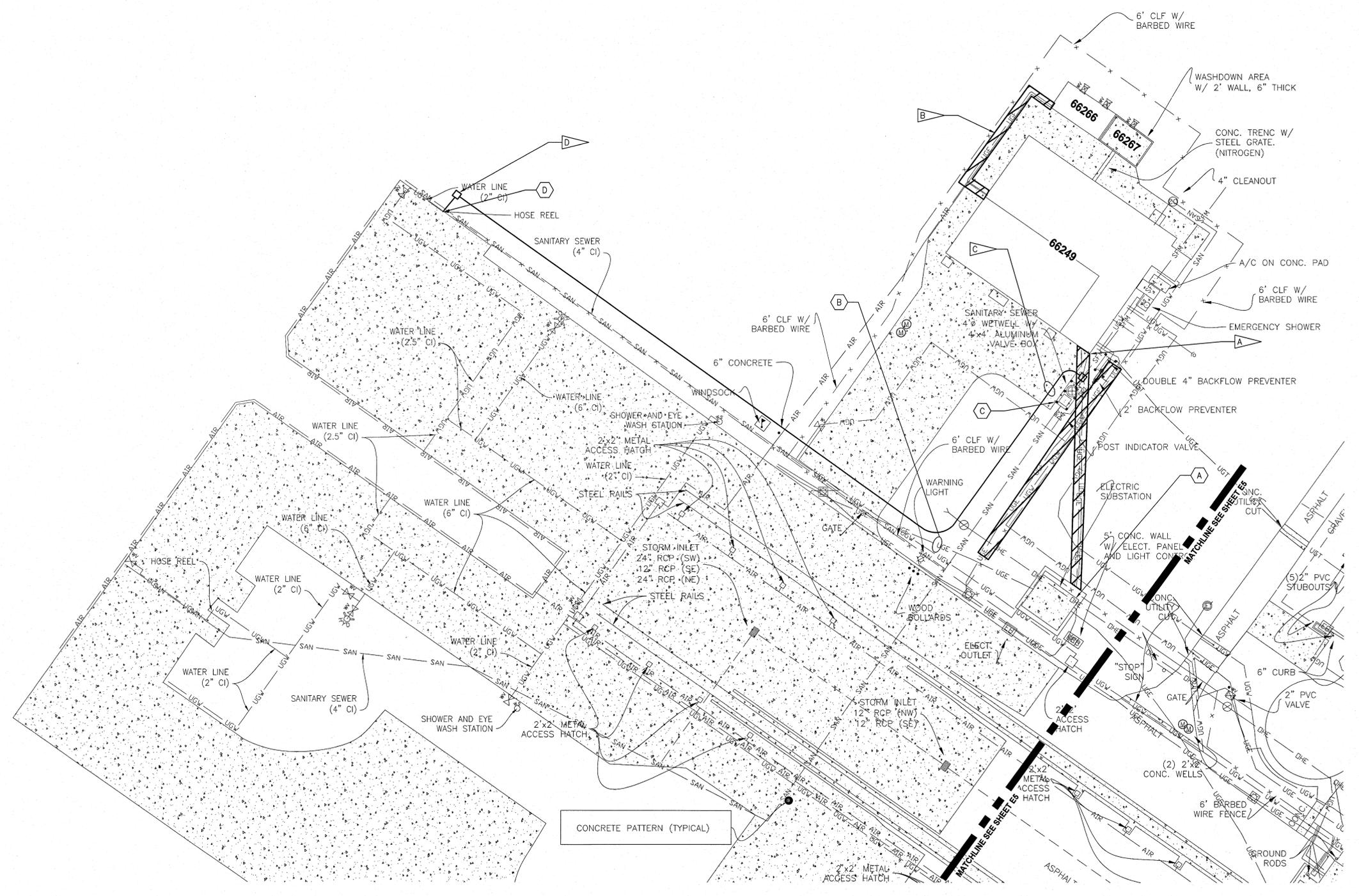
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**FLAG NOTE**

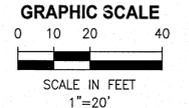
- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT THRUST VECTOR CONTROL DESERVICING FACILITY (66249) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO 1000KVA SUBSTATION SS66245. SEE SHEET E10 FOR ELECTRICAL ONE-LINE. 1  
E16
- B DEMOLISH ALL ELECTRICAL EQUIPMENT AT DRUM STORAGE (66266) AND TANK FARM AREA (66267) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO 66249. SEE SHEET E10 FOR ELECTRICAL ONE-LINE. 1  
E16
- C RE-FEED CIRCUIT TO ELECTRICAL EQUIPMENT AT LIFT STATION WITH 3#10, 1#10(G) IN A 1/2" C FROM A 20A, 3P BREAKER AT PANEL LPB-1. 2  
E16 3  
E16
- D INSTALL TIER 15 RATED QUAZITE PULL BOX, 24" X 36" X 24" MIN. PROVIDE AS MANY SECTIONS AS NEEDED TO REACH FINAL GRADE. MARK WITH PULL BOX NUMBER AND "ELECTRIC" ON COVER. COIL A MIN OF 4' SLACK CONDUCTORS WITHIN PULL BOX. PROVIDE 12" BED OF PEAROCK OR CRUSHED STONE FOR DRAINAGE.

**TO REMAIN**

- A SUBSTATION SS66245 1  
E16
- B UNDERGROUND ELECTRIC LINES
- C RE-FEED LIFT STATION FROM PANEL LPB-1 2  
E16
- D PANEL LPB-1 3  
E16



**ELECTRICAL SITE PLAN 66249, 66266 & 66267**  
1"=20'



THIS SPACE RESERVED

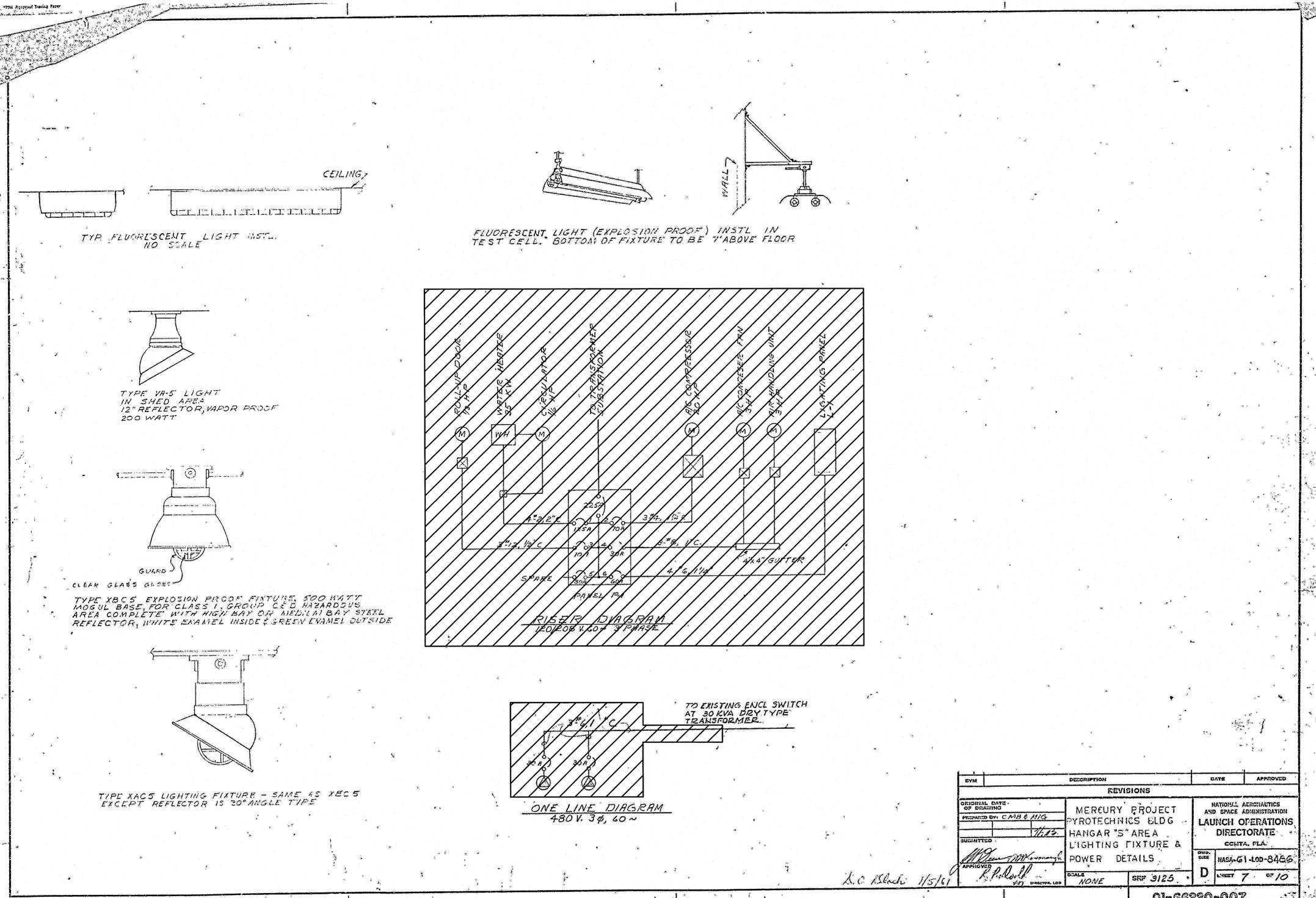
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REVISIONS				
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 730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5621 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES		DATE		
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CHECKED R. CHRUSZCZ		06/10/13		
SUBMITTED <i>[Signature]</i>		06/10/13		
ST of LICENSURE: FL LICENSE NO: 48898		06/10/13		
APPROVED D. TORO		6/10/13		
I. OTERO		6.12.13		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b> <b>ELECTRICAL SITE PLAN 66249, 66266 &amp; 66267</b>		
FILE NO.				
PROJ. NO. 97963.9		SHEET 63		



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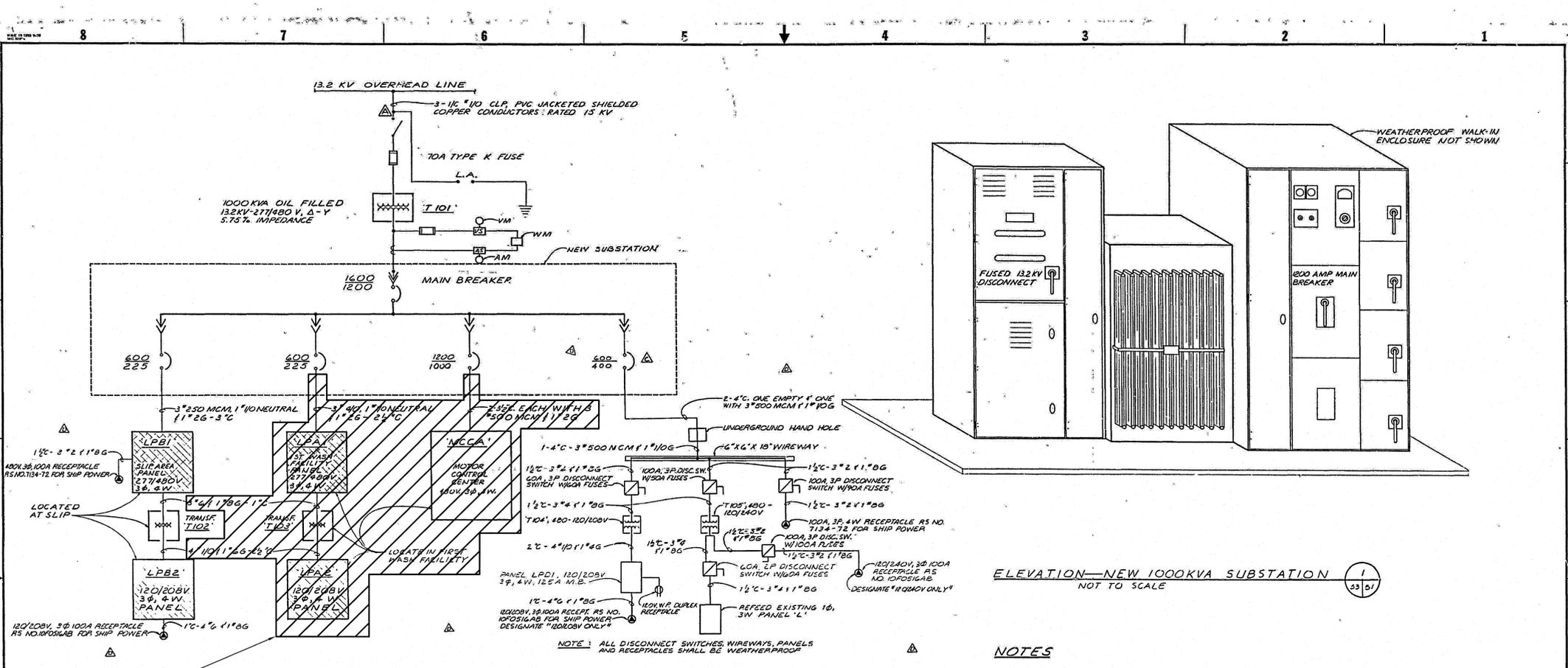
SYM	DESCRIPTION	DATE	APPROVED
REVISIONS			
ORIGINAL DATE OF DRAWING	MERCURY PROJECT PYROTECHNICS BLDG HANGAR 'S' AREA LIGHTING FIXTURE & POWER DETAILS		NATIONAL AERONAUTICS AND SPACE ADMINISTRATION LAUNCH OPERATIONS DIRECTORATE CCHTA, FLA.
PREPARED BY: CMB & MJC			
QUANTITY	1123		
APPROVED			
SCALE	NONE	SRP 3125	D
		01-66220-007	

SYM	ZONE	DESCRIPTION	DATE	APPROVED
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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
DRAWN L. MILLER	06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>ELECTRICAL ONE-LINES BUILDINGS 66220 &amp; 66221</b>		
CHECKED R. CHRUSZCZ	06/10/13			
SUBMITTED [Signature]	06/10/13			
ST of LICENSURE: FL LICENSE NO: 48898	06/10/13			
APPROVED [Signature]	6/10/13	FILE NO.	SIZE F	DWG. NO. 79K39391
TOTAL [Signature]		PROJ. NO. 97963.9	SHEET 65	

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**FLAG NOTE**  
 ▲ DEMOLISH CIRCUITS TO SUBSTATION BREAKERS. SUBSTATION TO REMAIN.



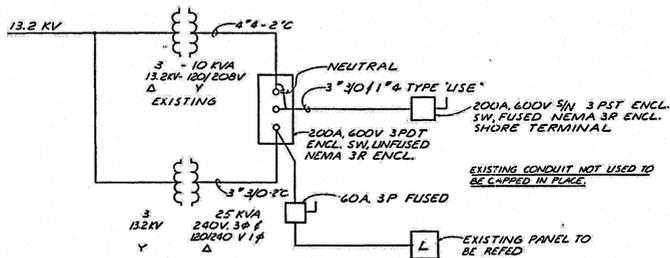
ELEVATION—NEW 1000KVA SUBSTATION  
 NOT TO SCALE

SINGLE LINE DIAGRAM  
 NO SCALE

**NOTES**  
 1. PHASE RELATIONSHIPS MUST REMAIN THE SAME AS EXISTING FOR ALL MODIFICATIONS TO EXISTING POWER SYSTEMS.

TRANSFORMER SCHEDULE				
NO.	RATING	VOLTAGE	LOCATION	NOTES
T101	1000 KVA	13.2KV 277/480	NEW SUBSTATION	OIL FILLED SELF COOLED *
T102	45 KVA	480 120/208	SLIP NORTH	WEATHERPROOF
T103	45 KVA	480 120/208	FIRST WASH	
T104	45 KVA	480 120/208	SLIP SOUTH	WEATHERPROOF
T105	75 KVA	480 120/240	SLIP SOUTH	
T106	45 KVA	480 120/208	HIGH PRESSURE WASH	

**NOTE:**  
 ALL TRANSFORMERS ARE THREE PHASE AND ARE ALL CONNECTED "A" TO "Y" EXCEPT "T105" WHICH IS CONNECTED "Y" TO "A".  
 \* PROVIDE "T101" WITH PROVISION FOR FUTURE FAN COOLED OPERATION



SINGLE-LINE DIAGRAM OF EXISTING POLE MOUNTED EQUIPMENT TO BE REMOVED  
 SEE SHEET NO 64 FOR DETAILS

PANEL LPDI									
NO.	SERVES	TRIP	WIRE	WIRE	CONNECTIONS	WIRE	TRIP	SERVES	NO.
1	SPACE				120V 1000A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 1000A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 1000A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 1000A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	2
2	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	3
3	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	4
4	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	5
5	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	6
6	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	7
7	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	8
8	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	9
9	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	10
10	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	11
11	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	12
12	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	13
13	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	14
14	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	15
15	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	16
16	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	17
17	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	18
18	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	19
19	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	20
20	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	21
21	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	22
22	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	23
23	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	24
24	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	25
25	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	26
26	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	27
27	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	28
28	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	29
29	SPACE				120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	120V 300A RECEPTACLE AS NO. 1510134-72 FOR SHIP POWER	30

NO.	DATE	DESCRIPTION	DATE APPROVED
1	06/10/13	REVISED FOR BREATHING FACILITY	06/10/13
2	06/10/13	ADDED NEW FEED FOR FUTURE DOCK	06/10/13
3	06/10/13	REVISED CONNECTION OF LIGHTNING ARRESTOR	06/10/13

**SVERDRUP & PARCEL**  
 AND ASSOCIATES, INC.  
 CONSULTING ENGINEERS  
 JACKSONVILLE, FLORIDA

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REVISIONS				
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730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 (321) 289-2950				
SIGNATURES		DATE		
DRAWN L. MILLER		06/10/13		
CHECKED R. CHRUSZCZ		06/10/13		
SUBMITTED [Signature]		06/10/13		
ST OF LICENSEURE: FL LICENSE NO: 48898		06/10/13		
APPROVED [Signature]		06/10/13		
I. OTERO		6.1.13		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA			
<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>			
<b>ELECTRICAL ONE-LINE 66241 &amp; 66242</b>			
FILE NO.	SIZE	DWG. NO.	REV
	F	79K39391	
PROJ. NO. 97963.9	SHEET 66		

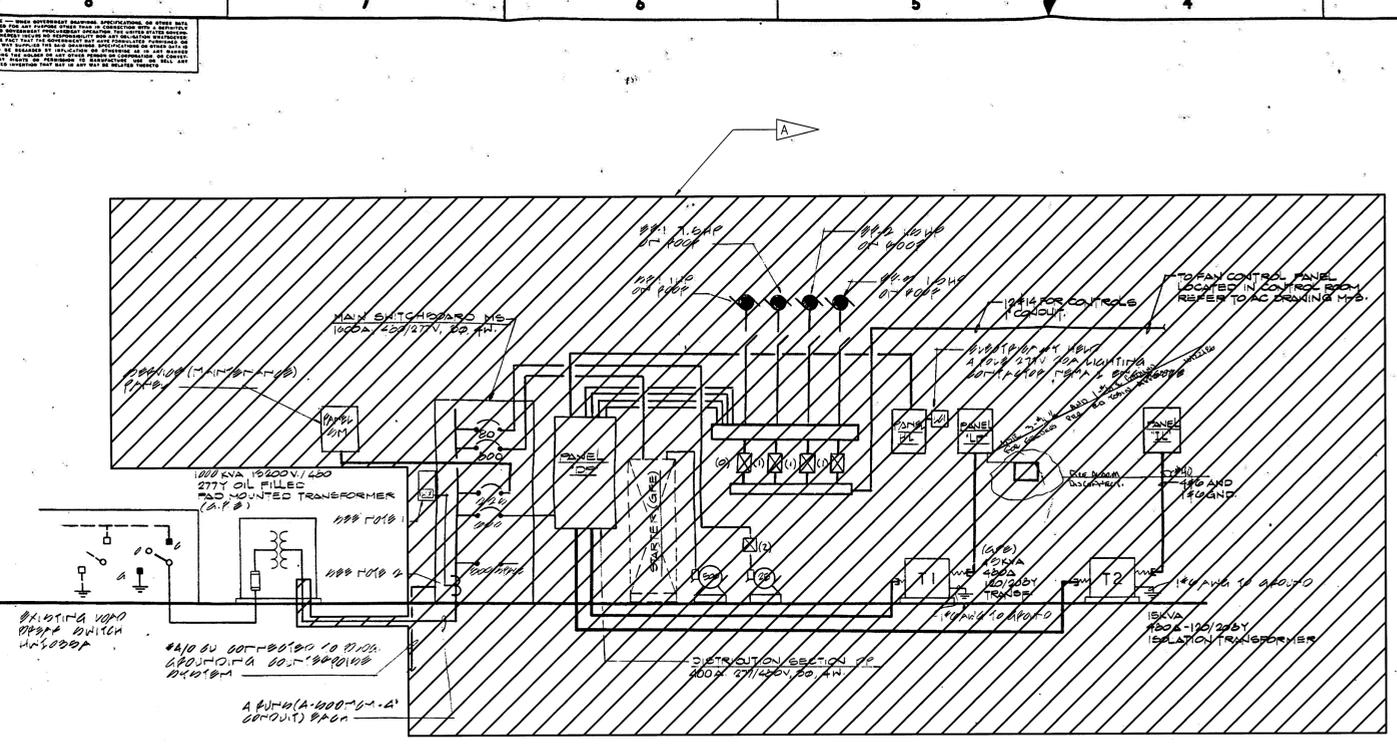


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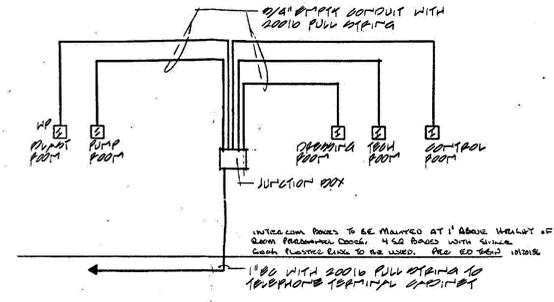
**NOTE**  
 THE CONTRACT DRAWINGS CONTAIN INFORMATION FROM EXISTING RECORD DRAWINGS RETRIEVED FROM SEVERAL PRIOR DESIGN PACKAGES. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THAT ACTUAL CONDITIONS MATCH THE CONTRACT DRAWINGS. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR REVIEWING AND CHECKING ALL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

**FLAG NOTE**  
 DEMOLISH CIRCUITS AND ALL ASSOCIATED EQUIPMENT INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT TO LOAD BREAK SWITCH HW1035A.

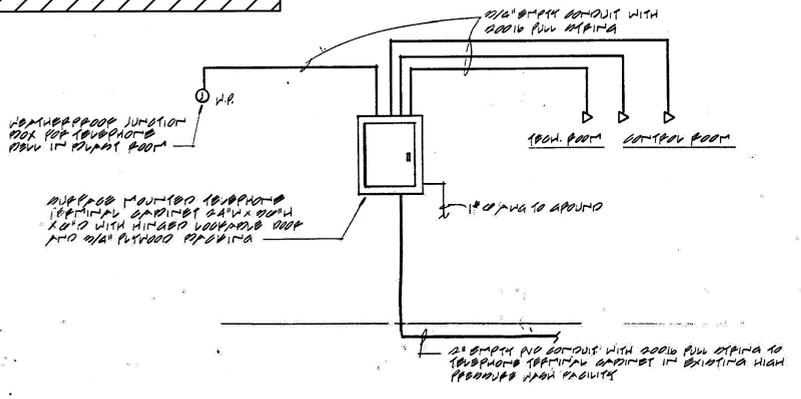
**NOTES:**  
 1. PROVIDE WATT TRANSFORMER EQUAL TO COLUMN IDENTIFIED THEREON. IF OF AN 24V ELEMENT, THE TRANSFORMER SHALL PROVIDE AN AUXILIARY POWER SUPPLY (120V, 1.2VA COIL). TRANSFORMER AND WATT SUPPLY SHALL BE MOUNTED IN A METAL ENCLOSURE MOUNTED AT THE TOP OF THE MAIN SWITCHBOARD.  
 2. PROVIDE (1) AMPERE TRANSFORMER PER PHASE 100:500. ACCURATELY CLAMPED OR SUBSTITUTED SHALL BE WIRED TO THE WATT TRANSFORMER ACCORDING TO TRANSFORMER WIRING DIAGRAM.



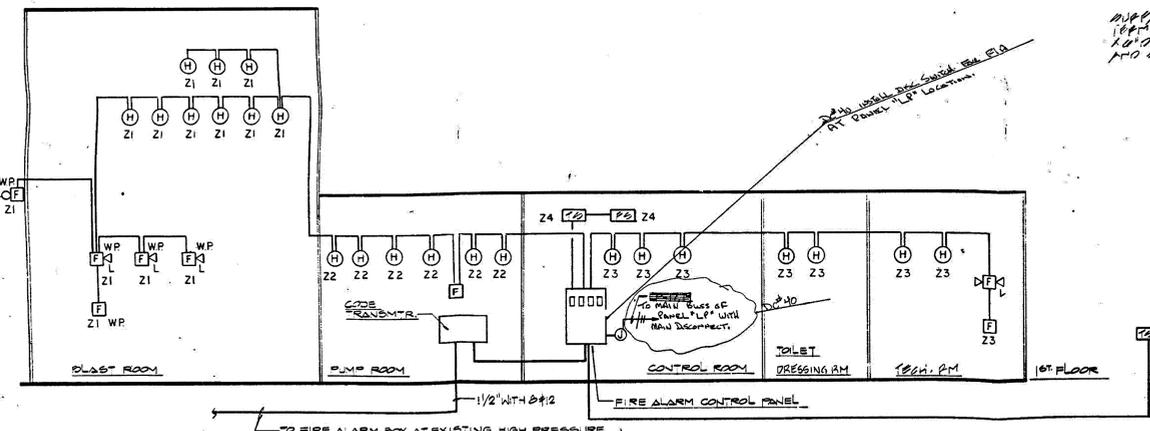
**ELECTRICAL ONE LINE DIAGRAM N.T.S.**



**INTERCOM RISER DIAGRAM N.T.S.**



**TELEPHONE RISER DIAGRAM N.T.S.**



**FIRE ALARM RISER DIAGRAM N.T.S.**

REVISIONS		DATE	APPROVED
1	AS SHOWN	06/10/13	L. MILLER
2	REVISIONS		
3			
4			
5			

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

SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED

SIGNATURES	DATE	DESCRIPTION
L. MILLER	06/10/13	DRAWN
R. CHRUSZCZ	06/10/13	CHECKED
	06/10/13	SUBMITTED
	06/10/13	ST OF LICENSURE: FL
	06/10/13	LICENSE NO: 48898
	6/10/13	APPROVED
	6/10/13	DATE
	6/10/13	DATE
	6/10/13	DATE

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**ELECTRICAL ONE-LINE BUILDING 66320**

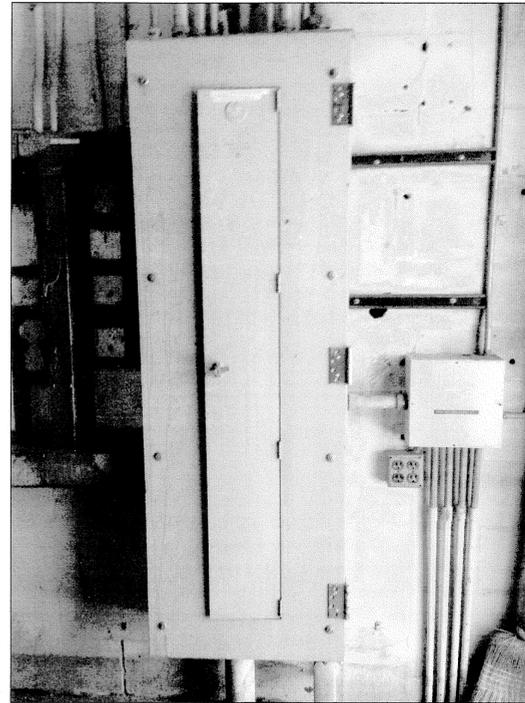
FILE NO.	SIZE	DWG. NO.	REV
	F	79K39391	6

PROJ. NO. 97963.9 SHEET 68

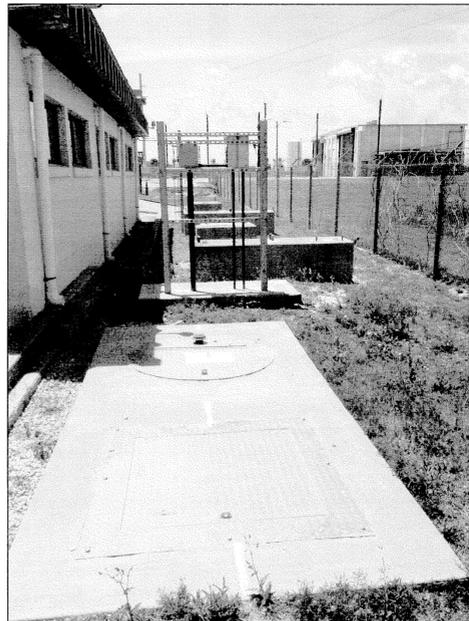
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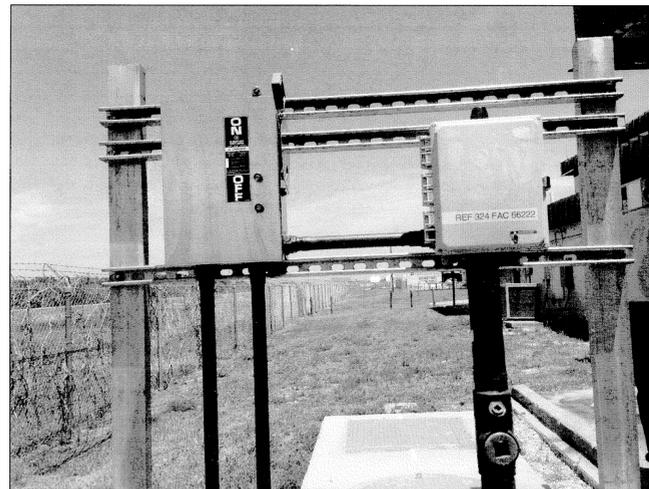
**TRANSFORMER HS17 TO REMAIN** 1  
NTS E2



**PANEL P1-A TO BE DEMOLISHED** 2  
NTS E2



**LIFT STATION TO BE DEMOLISHED** 3  
NTS E2

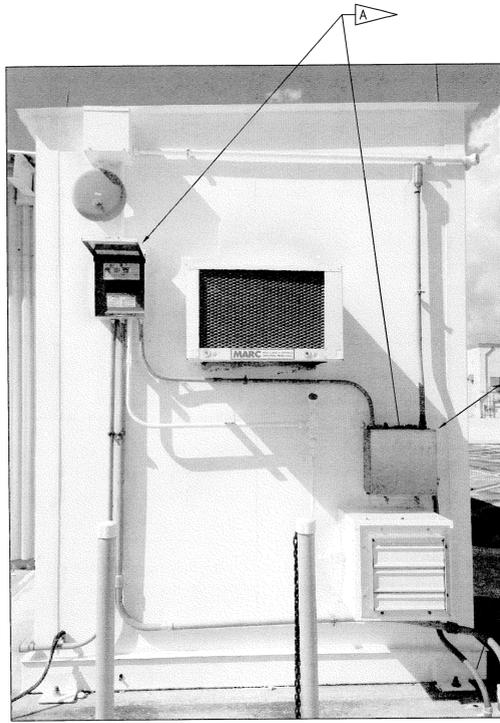


**ELECTRICAL EQUIPMENT RACK AT LIFT STATION TO BE DEMOLISHED** 4  
NTS E2

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REVISIONS				
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SIGNATURES		DATE		
DRAWN		NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
L. MILLER		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>		
R. CHRUSZCZ				
SUBMITTED		<b>BUILDINGS 66220 &amp; 66221 PHOTOS</b>		
[Signature]				
ST of LICENSURE: FL		FILE NO.		
LICENSE NO: 48898		SIZE DWG. NO.		
APPROVED		F 79K39391		
[Signature]		REV		
E12		PROJ. NO. 97963.9 SHEET 69		

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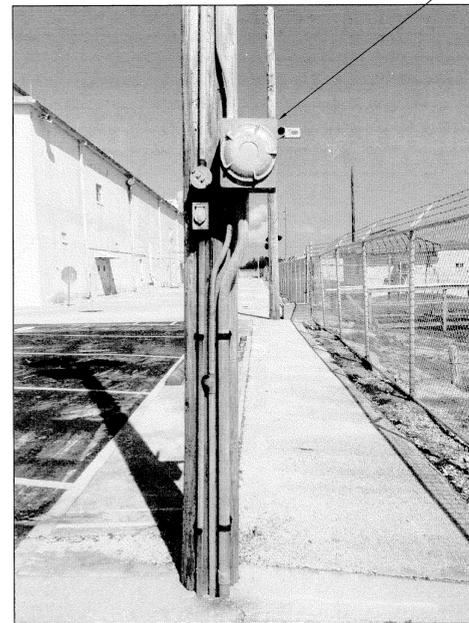
**60628 TO BE DEMOLISHED** 1  
NTS E3



**60630 TO BE DEMOLISHED** 2  
NTS E3



**PANEL CA-2631 TO REMAIN** 3  
NTS E3



**AREA LIGHT POLE TO REMAIN** 4  
NTS E3

**FLAG NOTE**

- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT POL SHELTER (60628) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO JUNCTION BOX LOCATED ON AREA LIGHT POLE.
- B DEMOLISH ELECTRICAL EQUIPMENT AT POL SHELTER (60630) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT.
- C DEMOLISH COMMUNICATION EQUIPMENT AT POL SHELTER (60630) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT.

**TO REMAIN**

- A FREE STANDING COMMUNICATION PANEL CA-2631
- B JUNCTION BOX LOCATED ON AREA LIGHT POLE

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SYM	ZONE	DESCRIPTION	DATE APPROVED
REVISIONS			
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 <small>730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641   (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32760   (321) 269-2950</small>			
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN L. MILLER	06/10/13	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED R. CHRUSZCZ	06/10/13	<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>BUILDING 60628 AND BUILDING 60630 PHOTOS</b>	
SUBMITTED <i>[Signature]</i>	06/10/13		
ST of LICENSURE: FL LICENSE NO: 48898	06/10/13	FILE NO.	REV
APPROVED D. TOTH <i>[Signature]</i>	6/14/13	SIZE F	DWG. NO. 79K39391
I. OTERO <i>[Signature]</i>	6.12.13	PROJ. NO. 97963.9	SHEET 70

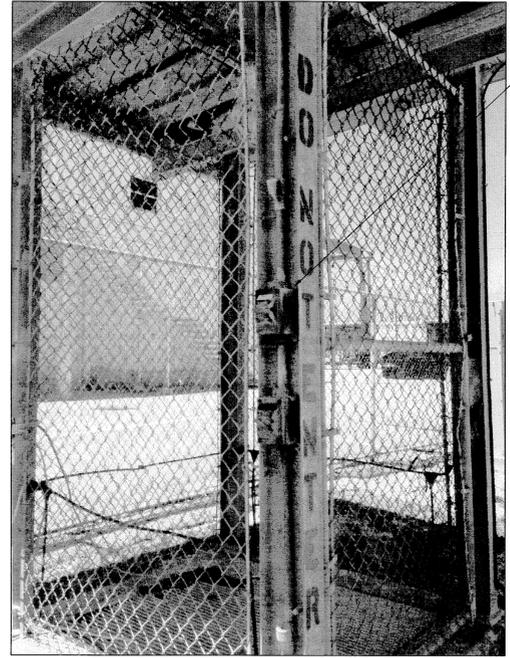
FILE: \\lhaman\working\4000\New\021-01\_Design-Close-Demo-View-Floor-F1\36-Contract Drawings\Package 3\Electrical\4000212P3-E13.dwg  
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8 7 6 5 4 3 2 1

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**FLAG NOTE**

- A DEMOLISH ALL ELECTRICAL EQUIPMENT AT HAZARDOUS WASTE STAGING SHELTER (66237) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO SOURCE PANEL IN HANGAR S.
- B DEMOLISH ALL ELECTRICAL EQUIPMENT AT HAZARDOUS WASTE STAGING SHELTER (66238) INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. DEMOLISH EXISTING CONDUCTORS TO SOURCE PANEL IN HANGAR S.



**66237 TO BE DEMOLISHED** (1)  
NTS E4



**66238 TO BE DEMOLISHED** (2)  
NTS E4

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REVISIONS				

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CHECKED R. CHRUSZCZ	06/10/13	
SUBMITTED <i>[Signature]</i>	06/10/13	CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3 BUILDING 66200, BUILDING 66237, AND BUILDING 66238 PHOTOS
ST of LICENSURE: FL LICENSE NO: 48898	06/10/13	
APPROVED <i>[Signature]</i>	6/10/13	FILE NO. SIZE DWG. NO. REV F 79K39391
D. TOTI <i>[Signature]</i>	6/10/13	
E14		PROJ. NO. 97963.9 SHEET 71

FILE: \\lhammond\working\4000\mesa\212-01\_Design-Clear-Demo-Ve-Fac-FY13M4\Contract Drawings\Package 3\Electrical\4000212P3-E14.dwg  
 PRINTED: 6/10/2013 10:18 AM BY USER: Kristian Perez LAST MODIFIED: 6/7/2013 11:47 AM BY USER: LMiller  
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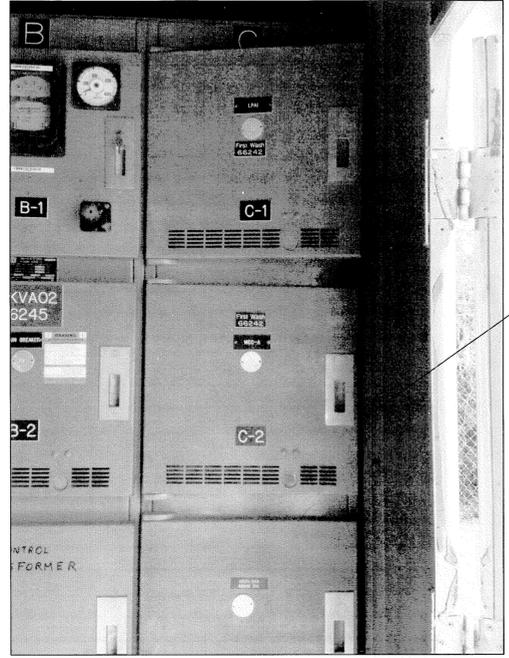
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**FLAG NOTE**

- A DEMOLISH FEEDER FROM FIRST WASH BUILDING (66242) TO SECTION C-2 OF ELECTRICAL SUBSTATION 66245.
- B DEMOLISH LIGHT AND RECEPTACLES AT CATANATION POLE INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT ALONG WITH OVERHEAD FEEDER.

**TO REMAIN**

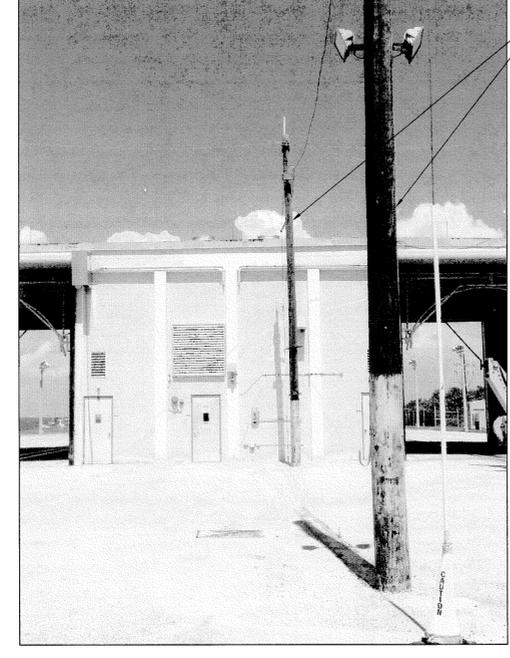
- A ELECTRICAL SUBSTATION 66245
- B LIGHT PANEL FOR AREA LIGHTS
- C TYPICAL AREA LIGHT



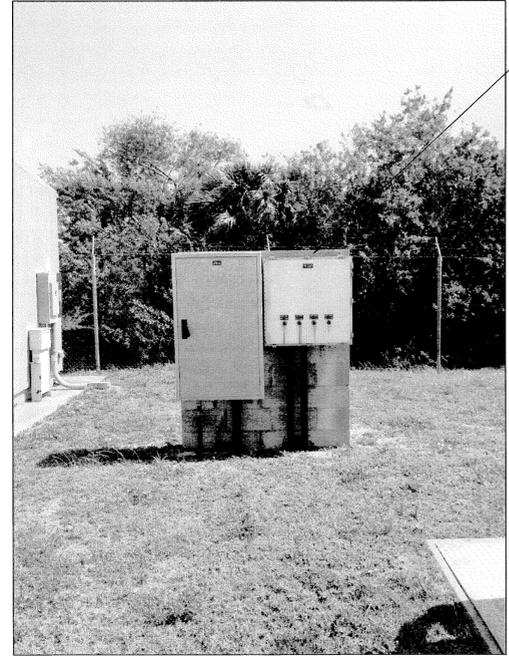
**SUBSTATION 66245 TO REMAIN** 1  
NTS E5



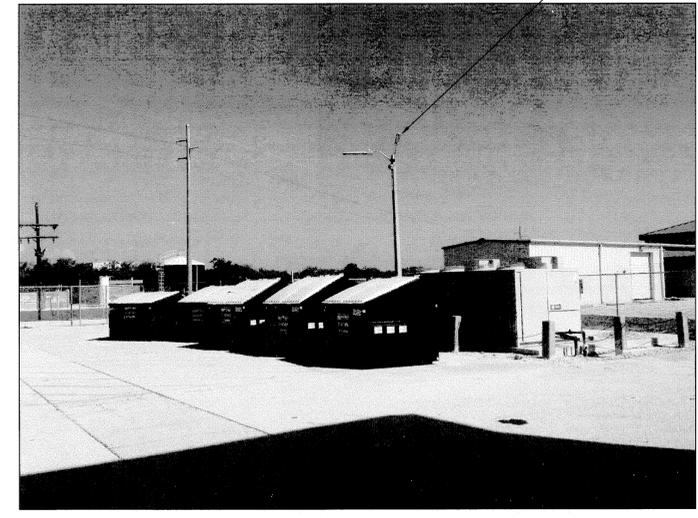
**MCC-A TO BE DEMOLISHED** 2  
NTS E5



**SITE LIGHTS TO BE DEMOLISHED** 3  
NTS E5



**LIGHTING PANEL TO REMAIN** 4  
NTS E5



**TYPICAL AREA LIGHT TO REMAIN** 5  
NTS E5

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REVISIONS				
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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		
STATE OF FLORIDA LICENSE NO: 48898		06/10/13		
APPROVED <i>[Signature]</i> D. TOTH		06/10/13		
I. OTERO				
<b>NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</b> JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		<b>CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3</b>  <b>BUILDINGS 66241, 66242, 66246, 66256 &amp; 66259 PHOTOS</b>		
E15		PROJ. NO. 97963.9	F	79K39391
		SHEET 72		



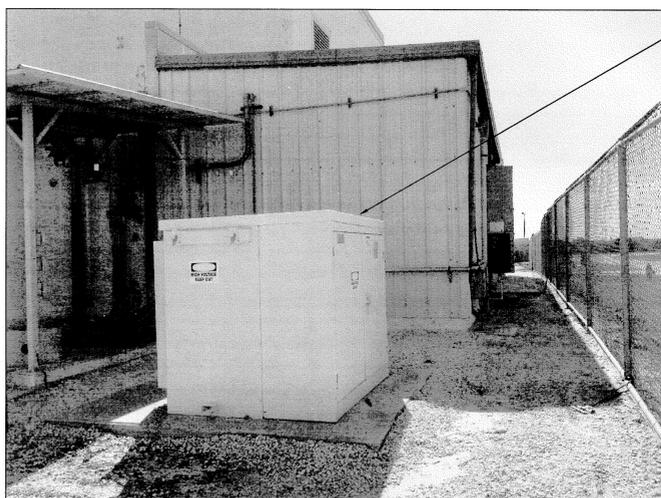
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**FLAG NOTE**

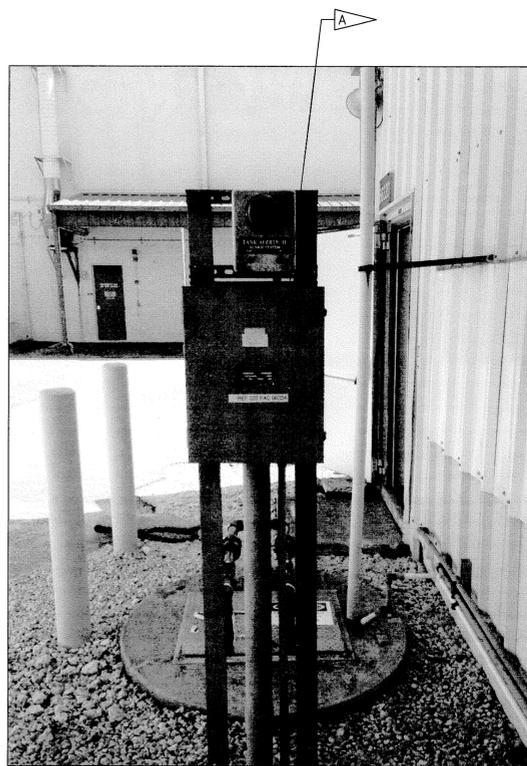
 DEMOLISH ALL ELECTRICAL EQUIPMENT AT LIFT STATION INCLUDING BUT NOT LIMITED TO ALL CONDUCTORS AND CONDUIT. ELECTRICAL DEMOLITION TO BE COORDINATED WITH CIVIL AND MECHANICAL DISCIPLINES.

**TO REMAIN**

 1,000KVA TRANSFORMER TO REMAIN, FED FROM HW1036

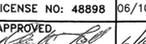
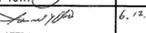


**1000 KVA TRANSFORMER TO REMAIN**   
NTS 



**LIFT STATION TO BE DEMOLISHED**   
NTS 

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SIGNATURES		DATE		
DRAWN L. MILLER		06/10/13		
CHECKED R. CHRUSZCZ		06/10/13		
SUBMITTED 		06/10/13		
ST of LICENSURE: FL LICENSE NO: 48898		06/10/13		
APPROVED D. TOH 		6/12/13		
I. OTERO 		6.12.13		
FILE NO.		SIZE	DWG. NO.	REV
E17		F	79K39391	
PROJ. NO. 97963.9		SHEET		74 OF 74

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

**CLOSE/DEMOLISH FACILITIES AND STRUCTURES, VARIOUS LOCATIONS, PACKAGE 3**

**66320 PHOTOS**

FILE: \\illumina\working\4000 Mesa\212-01\_Design-Close-Demo-Vor-Fac-FY13KVA\Contract Drawings\Package 3\Electrical\4000212P3-E17.dwg  
 PRINTED: 6/10/2013 10:19 AM BY USER: Kralion Perez LAST MODIFIED: 6/7/2013 11:48 AM BY USER: LMiller