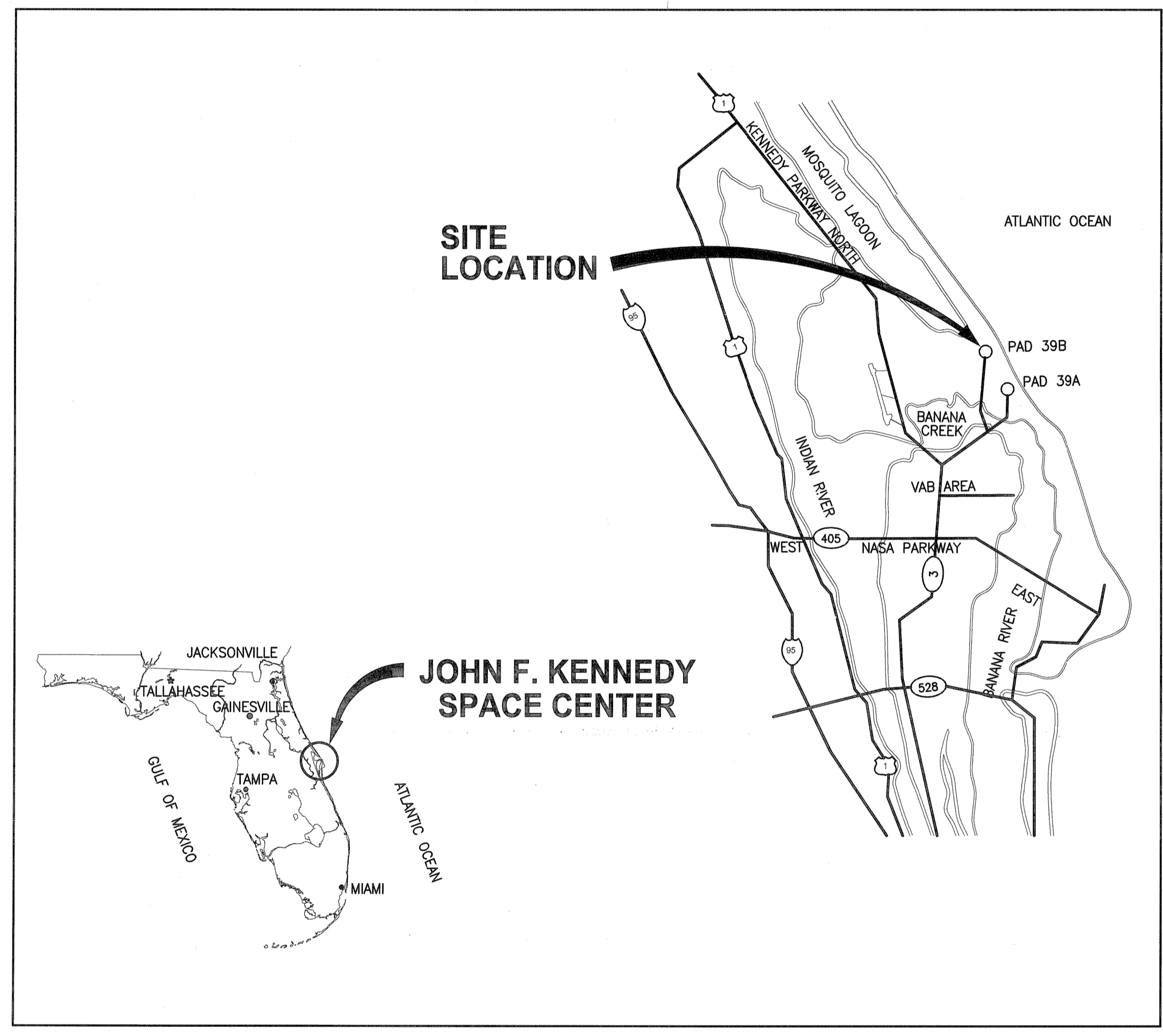


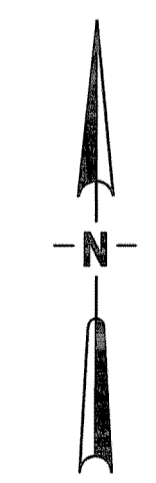
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LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS

AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE



LOCATION MAP
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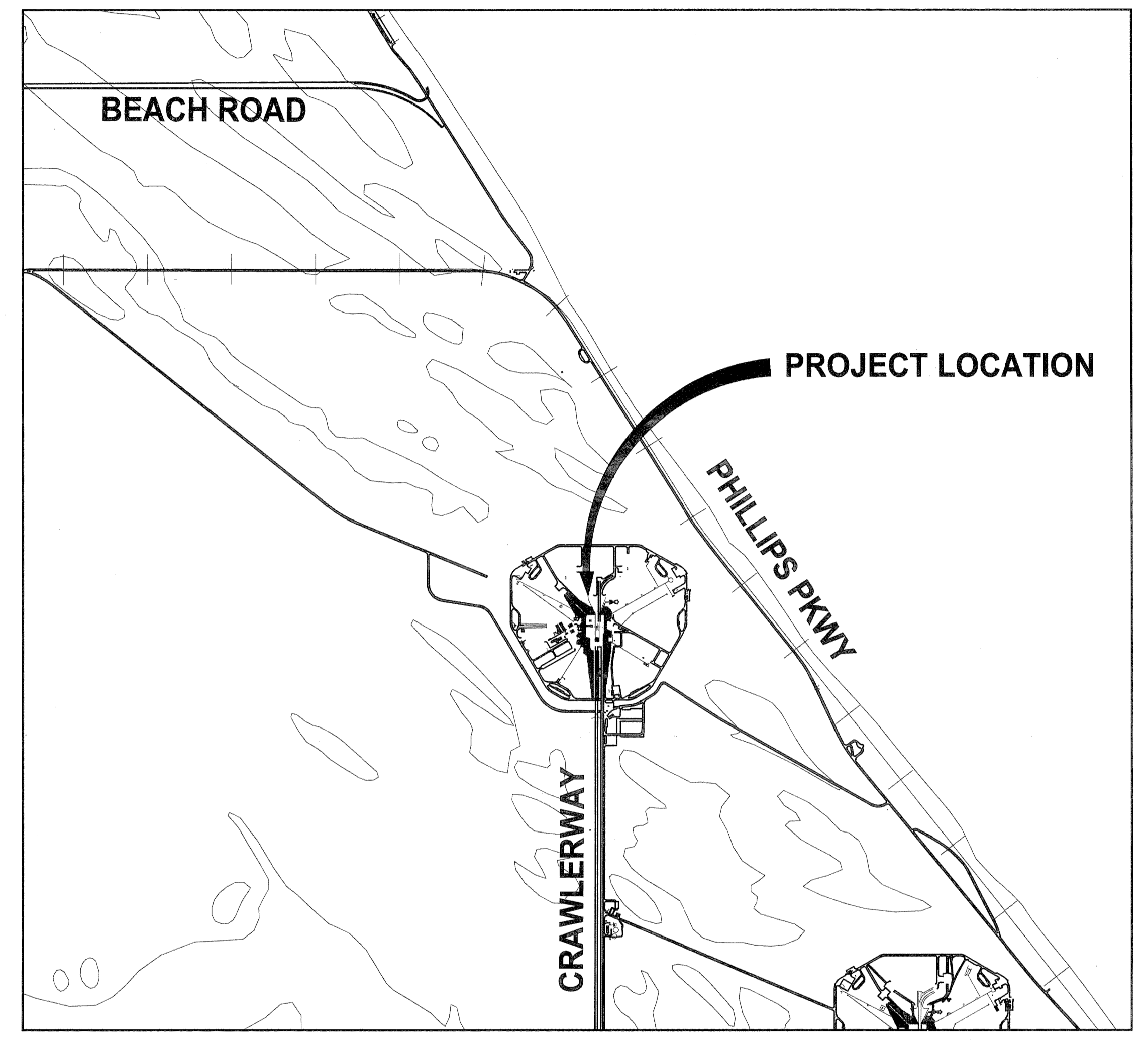


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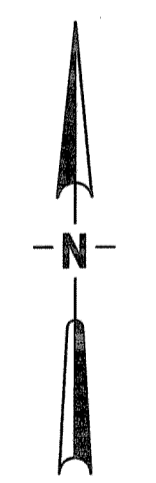
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SUBMITTED		7/10/09		
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<i>[Signature]</i>		7/10/09		
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V1		F	222W2200001	
		PROJ. NO. 98580	SHEET 1 OF 106	

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**LAUNCH COMPLEX 39B, DEMOLITION OF
FSS/RSS AT LAUNCH COMPLEX 39B,
DEMOLITION PACKAGE**

COVER SHEET

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ABBREVIATIONS

A/C	AIR CONDITIONING	RPOJ	RESTRAINED PUSH-ON JOINT
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	RRMF	REUSE, RECYCLING, AND MARKETING FACILITY
ACM	ASBESTOS CONTAINING MATERIAL	RSS	ROTATING SERVICE STRUCTURE
Ag	SILVER	SAN	SANITARY
AMIS	ASBESTOS MANAGEMENT INFORMATION SYSTEM	SCH	SCHEDULE
As	ARSENIC	Se	SELENIUM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	SFD	SIDE FLAME DEFLECTORS
Ba	BARIUM	SRB	SOLID ROCKET BOOSTER
BFG	BELOW FINISHED GRADE	SS	STAINLESS STEEL
BLD	BELOW DETECTABLE LEVELS	SSAT	SPACE SHUTTLE ACCESS TOWER
BLDG	BUILDING	SQ	SQUARE
BM	BENCH MARK	STD	STANDARD
BTM	BOTTOM	T&B	TOP AND BOTTOM
C&D	CONSTRUCTION AND DEMOLITION	T/FDN	TOP OF FOUNDATION
Cd	CADMIUM	TCLP	TOXICITY CHARACTERISTIC LEACHING PROCEDURE
CF	CUBIC FOOT	THK	THICK
CFR	CODE OF FEDERAL REGULATIONS	THRD	THREADED
CO	CONTRACTING OFFICER	TSCA	TOXIC SUBSTANCES CONTROL ACT
COMM	COMMUNICATIONS	TYP	TYPICAL
CONC	CONCRETE	ug/L	MICROGRAMS PER LITER
COTR	CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	UNO	UNLESS NOTED OTHERWISE
Cr	CHROMIUM	USA	UNITED SPACE ALLIANCE
DARCY	DIVERTED AGGREGATE RECLAMATION AND COLLECTION YARD	VFI	VACUUM FAULT INTERRUPTER
DBPR	DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION	VIF	VERIFY IN FIELD
DEL	DELUGE	W/	WITH
DI	DUCTILE IRON	W	WIDTH
DIA/Ø	DIAMETER	WT	WEIGHT
DRMO	DEFENSE REUTILIZATION MARKETING OFFICE	WWF	WELDED WIRE FABRIC
DWG	DRAWING		
E	EASTING		
EA	EACH		
ECS	ENVIRONMENTAL CONTROL SYSTEM		
EDC	ENGINEERING DOCUMENTATION CENTER		
EL	ELEVATION		
EPA	ENVIRONMENTAL PROTECTION AGENCY		
EOP	EDGE OF PAVEMENT		
EPB	ENVIRONMENTAL PROGRAM BRANCH		
ET	EXTERNAL TANK		
EW	EACH WAY		
FAC	FLORIDA ADMINISTRATIVE CODE		
FAR	FEDERAL ACQUISITION REGULATION		
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION		
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION		
FIN	FINISHED		
FJ	FLANGED JOINT		
FON	FOUNDATION		
FSS	FIXED SERVICE STRUCTURE		
FT	FOOT		
FY	FISCAL YEAR		
GALV	GALVANIZED		
GHE	GASEOUS HELIUM		
GOX	GASEOUS OXYGEN		
H	HIGH		
HDPE	HIGH DENSITY POLYETHYLENE		
Hg	MERCURY		
HPD	HEAVY DUTY PLANK DECK		
IAA	INTERTANK ACCESS ARM		
IE	INVERT ELEVATION		
IHA	INNOVATIVE HEALTH APPLICATIONS		
IN	INCH		
IT	INTERNAL TANK		
KICS	KENNEDY INTEGRATED COMMUNICATIONS SERVICES		
KSC	KENNEDY SPACE CENTER		
LB	POUNDS		
LBR	LIMEROCK BEARING RATIO		
LC	LAUNCH COMPLEX		
MAX	MAXIMUM		
MES	MITERED END SECTION		
mg/kg	MILLIGRAMS PER KILOGRAM		
mg/L	MILLIGRAMS PER LITER		
MIN	MINIMUM		
ML	MOBILE LAUNCHER		
MLP	MOBILE LAUNCH PLATFORM		
N	NORTHING		
NASA	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
NIC	NOT IN CONTRACT		
NO	NUMBER		
NOM	NOMINAL		
NTS	NOT TO SCALE		
#	NUMBER DESIGNATION		
OAA	ORBITER ACCESS ARM		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
OMBUU	ORBITER MID-BODY UMBILICAL UNIT		
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION		
OP HD	OPPOSITE HAND		
OPS	OPERATIONS		
PAH	POLYCYCLIC AROMATIC HYDROCARBONS		
Pb	LEAD		
PCB	POLYCHLORINATED BIPHENYL		
PCR	PAYLOAD CHANGEOUT ROOM		
PGHM	PAYLOAD GROUND HANDLING MECHANISM		
POC	POINT OF CONTACT		
POL	PETROLEUM, OILS AND LUBRICANTS		
PPE	PERSONAL PROTECTIVE EQUIPMENT		
PPM	PARTS PER MILLION		
PSI	POUNDS PER SQUARE INCH		
PSF	POUNDS PER SQUARE FOOT		
PTCR	PAD TERMINAL CONNECTION ROOM		
PVC	POLYVINYL CHLORIDE		
RCRA	RESOURCE CONSERVATION AND RECOVERY ACT		
RCS	REACTION CONTROL SYSTEM		
REQ	REQUIRED		

DRAWING INDEX

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LEGEND

	DEMOLISH EXISTING		EXISTING SANITARY SEWER
	EXISTING COMMUNICATIONS LINE		EXISTING FUEL LINE
	EXISTING ELECTRIC LINE		EXISTING NATURAL GAS LINE
	EXISTING WATER LINE		
	FLOATING TURBIDITY BARRIER		
	STAKED SILT FENCE		
	ROCK BAGS		

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DESIGNED J. DU QUESNE		06/24/09		
SUBMITTED 		6/24/09		
APPROVED 		DATE 6/24/09		
TITLE V2		SIZE F	DWG. NO. 222W2200001	REV
PROJECT NO. 98580		SHEET 2		

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**LAUNCH COMPLEX 39B, DEMOLITION OF
FSS/RSS AT LAUNCH COMPLEX 39B,
DEMOLITION PACKAGE**
DRAWING INDEX AND ABBREVIATIONS

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DEMOLITION NOTES

1. THE CONTRACT DRAWINGS CONTAIN INFORMATION FROM EXISTING RECORD DRAWINGS RETRIEVED FROM SEVERAL PRIOR DESIGN PACKAGES. MODIFICATIONS TO THE DRAWINGS HAVE BEEN MADE FOR THE PURPOSE OF CLARIFYING THE SIZES AND LENGTHS OF STRUCTURAL MEMBERS AND IDENTIFYING CONTRACT SCOPE. 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.
2. THE CONTRACTOR SHALL COMPLY WITH THE U.S. EXPORT CONTROL LAWS. THE FACILITIES AND ASSOCIATED EQUIPMENT SHALL BE DECONSTRUCTED AND DISPOSED OF IN ACCORDANCE WITH DEMILITARIZATION CODE D - TOTAL DESTRUCTION OF ITEMS AND COMPONENTS SO AS TO PRECLUDE RESTORATION OR REPAIR TO A USABLE CONDITION BY MELTING, CUTTING, CRUSHING, BREAKING, ETC.
3. THE CONTRACTOR SHALL NOTE THAT ALL OVERHEAD AND UNDERGROUND UTILITIES MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL FIELD LOCATE AND INCLUDE CONSIDERATION OF SUCH UTILITIES PRIOR TO BIDDING AND PRIOR TO EXECUTION OF WORK. THE INFORMATION SHOWN ON THE DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE DATA AVAILABLE; HOWEVER, THIS INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL EXISTING UTILITIES, AT NO ADDITIONAL COST TO THE GOVERNMENT. THE CONTRACTOR SHALL ASSIST THE UTILITY PERSONNEL, BY EVERY MEANS POSSIBLE, TO DETERMINE SAID LOCATIONS AND THE LOCATIONS OF RECENT ADDITIONS TO THE SYSTEMS SHOWN.
4. LENGTHS MAY BE SHOWN ON THE DRAWINGS, HOWEVER, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ALL MATERIAL QUANTITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS PRIOR TO BIDDING.
5. CONTRACTOR SHALL NOT COMMENCE DEMOLITION WORK UNTIL ALL UTILITIES HAVE BEEN VERIFIED TO BE DISCONNECTED AND ISOLATED. IF NECESSARY, THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER 60 DAYS PRIOR TO ANY DEMOLITION TO ALLOW FOR KICS CONTRACTORS TO RELOCATE COMMUNICATION LINES AND EQUIPMENT. DO NOT DEMOLISH ANY ELECTRICAL EQUIPMENT UNTIL IT HAS BEEN DE-ENERGIZED COMPLETELY, DISCONNECTED AT ALL POSSIBLE SOURCES, AND VERIFIED DE-ENERGIZED AT THE EQUIPMENT WITH THE PROPER ELECTRICAL TEST EQUIPMENT.
6. CONTRACTOR SHALL ENSURE THAT ALL MONITORING WELLS AT LC39B ARE PROTECTED, NOT DISTURBED, AND KEPT IN WORKING ORDER. MONITORING WELLS EXIST IN CLOSE PROXIMITY TO THE EMERGENCY EGRESS LANDING AREA (SEE D1), BUT MAY ALSO EXIST IN OTHER AREAS OF THE PAD IMPACTED BY EQUIPMENT OR DEMOLITION ACTIVITIES. (SEE SHEET EN3)
7. 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.
8. THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER IN WRITING AT LEAST 14 DAYS IN ADVANCE OF THE DISCONNECTING OF ANY ACTIVE SYSTEM. THE CONTRACTOR SHALL PROVIDE THE CONTRACTING OFFICER A SCHEDULE AND SEQUENCE PLAN PRIOR TO COMMENCING WORK.
9. THE CONTRACTOR SHALL PROVIDE CONTROL AND MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH FDOT INDEX 600 THROUGH 665.
10. FDOT INDICES SHALL REFER TO THE "2008 FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS." FDOT SPECIFICATIONS SHALL REFER TO THE "2008 FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
11. AFTER AWARD OF CONTRACT, THE OWNERSHIP OF THE FSS AND RSS AND ASSOCIATED ITEMS TO BE DEMOLISHED WILL BE TRANSFERRED FROM NASA TO THE DEMOLITION CONTRACTOR, WITH THE EXCEPTION OF THOSE ITEMS THAT ARE TO BE TURNED OVER TO THE GOVERNMENT.
12. ITEMS IDENTIFIED TO BE SALVAGED AND RETURNED TO THE GOVERNMENT SHALL BE REMOVED CAREFULLY IN ORDER TO MAINTAIN THEIR CONDITION FOR FUTURE USE.
13. REFER TO SPECIFICATION 01 57 20.00 10 FOR SOLID WASTE AND LANDFILL REQUIREMENTS AND CONTRACT CLAUSE "LANDFILL OPERATIONS/SOLID WASTE REMOVAL" FOR KSC LANDFILL REQUIREMENTS.
14. THE CONTRACTOR SHALL RECORD C&D WASTE MATERIALS ON KSC FORM 7-648 NS (02/07) AND SUBMIT FORM ON A MONTHLY BASIS TO THE CO AND NASA ENVIRONMENTAL AND SHALL KEEP LOG ON SITE PER DIRECTION FROM CO.
15. CONTRACTOR SHALL REMOVE HAZARDOUS MATERIALS OR ITEMS THAT MAY CONTAIN THOSE MATERIALS, INCLUDING BUT NOT LIMITED TO PRESSURE SWITCHES, THERMOSTATS, BALLAST TRANSFORMERS, LEAD FLASHING, FLUORESCENT LAMPS, HIGH DENSITY DISCHARGE LAMPS, BATTERIES IN EXIT SIGNS AND EMERGENCY LIGHTING, ETC., BEFORE PROCEEDING WITH DEMOLITION OPERATIONS. DISPOSAL SHALL BE IN ACCORDANCE WITH THE SPECIFICATION SECTION 01 57 20.00 10.
16. 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.
17. CONTRACTOR SHALL CONDUCT DEMOLITION OPERATIONS AND DEBRIS REMOVAL WITH MINIMAL INTERFERENCE TO ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND IN-USE FACILITIES.
18. CONTRACTOR SHALL ERECT AND MAINTAIN A MINIMUM 4-FOOT TALL CONSTRUCTION BARRIER AT EACH SITE TO LIMIT ACCESS TO THE CONSTRUCTION SITE. THE CONSTRUCTION FENCE SHALL BE INSTALLED PRIOR TO ANY DEMOLITION ACTIVITIES.
19. FACILITIES AND IMPROVEMENTS TO REMAIN SHALL BE CLEANED OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO PRE-CONSTRUCTION CONDITIONS.
20. CONTRACTOR TO DEMOLISH CONCRETE IN SMALL SECTIONS. CUT CONCRETE AT JUNCTURES WITH CONSTRUCTION TO REMAIN, USING POWER-DRIVEN MASONRY SAW OR HAND TOOLS.

DEMOLITION NOTES (CONTINUED)

21. CONTRACTOR TO REMOVE STRUCTURAL FRAMING MEMBERS AND LOWER TO GROUND BY METHOD SUITABLE TO AVOID FREE FALL AND TO PREVENT LAUNCH PAD AND GROUND IMPACT.
22. REMOVAL, DEMOLITION, STORAGE, HAULING AND DISPOSAL SHALL COMPLY WITH REGULATIONS BY FDEP, RCRA, TSCA, OSHA, EPA, FDOT AND ANY OTHER AUTHORITY HAVING JURISDICTION.
23. CONTRACTOR IS REQUIRED TO POLICE WORK AREAS DAILY FOR LOOSE TRASH AND DEBRIS. WIND BLOWN DEBRIS MUST BE COLLECTED DAILY AND PROPERLY DISPOSED TO PREVENT MIGRATION OF DEBRIS/TRASH OFFSITE.
24. BACKFILL AND COMPACTION WORK SHALL PROVIDE THE MINIMUM SLOPE TO DRAIN PROPERLY. CONTRACTOR SHALL AVOID PONDING.
25. IF DURING DEMOLITION THE CONTRACTOR ENCOUNTERS MATERIALS OR SUBSTANCES NOT IDENTIFIED IN CONTRACT DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY REPORT THESE MATERIALS TO THE CONTRACTING OFFICER.
26. THE CONTRACTOR SHALL UTILIZE WHATEVER MEANS NECESSARY TO PROTECT THE EXISTING EQUIPMENT, SURFACES AND STRUCTURES 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.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TO PRE-CONSTRUCTION CONDITIONS ANY DAMAGE TO EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES CAUSED BY DEMOLITION ACTIVITIES.
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING, SHORING, OR PROVIDING OTHER MEANS NECESSARY TO PROTECT AND SUPPORT EXISTING UTILITIES AND STRUCTURES DURING CONSTRUCTION/DEMOLITION.
29. 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.
30. 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.
31. ALL CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS AND NASA KSC POLICY.
32. CONTRACTOR SHALL FILL ALL DISTURBED AREAS TO EXISTING ELEVATIONS, GRADE THE SITE LEVEL, AND SOD ALL DISTURBED AREAS INCLUDING DEMOLISHED FACILITY FOOTPRINTS.
33. CONTRACTOR SHALL TAKE ACTIONS TO ASSURE PROTECTION OF WORKERS AND ADJACENT UNPROTECTED PERSONNEL DURING DEMOLITION OF SILICA CONTAINING MATERIALS SUCH AS CONCRETE FLOOR AND WALLS.
34. CONTRACTOR SHALL SUBMIT TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) A "NOTICE OF ASBESTOS RENOVATION OR DEMOLITION" FORM (www.dep.state.fl.us/air/forms.html). DEP FORM 62-257.900(1)) 10 DAYS PRIOR TO DEMOLITION OF ANY LOAD SUPPORTING STRUCTURAL MEMBER OF A FACILITY REGARDLESS OF SIZE. THE CONTRACTING OFFICER MUST BE COPIED ON ALL REPORTS SUBMITTED TO FDEP.
35. NO STAGING, DISMANTLING, OR CUTTING WILL BE PERMITTED OUTSIDE THE LIMITS OF DEMOLITION AT THE PAD AND PERMITTED LAYDOWN AREAS.
36. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE PAD PERIMETER WITHIN 3 DAYS OF REMOVAL FROM THE FSS/RSS.
37. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION ACTIVITIES AND UTILITY DISCONNECTS WITH THE CONTRACTING OFFICER PRIOR TO COMMENCING DEMOLITION. THE CONTRACTOR SHALL HAND EXCAVATE ALL EXISTING UNDERGROUND DISCONNECTION POINTS TO DETERMINE THE LOCATION, MATERIAL, SIZE, JOINT LOCATION AND TYPE.
38. COORDINATE WITH CONTRACTING OFFICER FOR POWER SYSTEM ISOLATION AND DEMOLITION.
39. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE OSHA EXCAVATION SAFETY STANDARDS AND TO ABIDE BY THEM AS COVERED UNDER THE FLORIDA TRENCH SAFETY ACT (LAWS OF FLORIDA 90-96) WITHIN THE 2007 FLORIDA STATUTES.
40. THE CONTRACTOR SHALL CONDUCT SEISMIC MONITORING, DISPLACEMENT MONITORING AND OTHER MEASURES DEEMED NECESSARY TO MONITOR AND DOCUMENT THE CRITERIA TO ENSURE THAT THE REMAINING PAD SURFACE, SUBSURFACE AND SURROUNDING FACILITIES SUFFERED NO ADVERSE IMPACTS OR STRUCTURAL DAMAGE DURING DEMOLITION ACTIVITIES. FOR MORE INFORMATION REFER TO SPECIFICATION 02 41 00.
41. THE CONTRACTOR SHALL CUT, CAP AND PERMANENTLY PATCH FLUSH WITH THE PAD SURFACE ANY ABANDONED PROTRUSIONS NOT SPECIFICALLY INDICATED IN THE PLANS, INCLUDING BUT NOT LIMITED TO CONDUIT, ANCHOR BOLTS, PAD PENETRATIONS ETC. PERMANENT PATCHES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
42. THIS PROJECT HAS THE POTENTIAL TO IMPACT THREATENED, ENDANGERED, AND PROTECTED SPECIES SUCH AS BUT NOT LIMITED TO THE LEAST TERN, BLACK SKIMMER, AND THE GOPHER TORTOISE. THE CONTRACTOR SHALL CONTACT THE CONTRACTING OFFICER AND NASA ENVIRONMENTAL 14 DAYS PRIOR TO DEMOLITION IN ORDER FOR THE GOVERNMENT TO PERFORM SURVEY AND RELOCATION ACTIVITIES OF THE IDENTIFIED SPECIES.
43. SEE CONTRACT CLAUSES CONCERNING WHAT IS AND WHAT IS NOT ALLOWED TO BE DISPOSED OF IN THE KSC CLASS III LANDFILL. THERE ARE NO FEES ASSOCIATED WITH DISPOSAL AT THE KSC CLASS III LANDFILL.
44. ALL ELEVATORS ON THE FSS AND RSS WILL BE TAKEN OUT OF SERVICE BY OTHERS PRIOR TO DEMOLITION. ELEVATORS AND COUNTERWEIGHTS WILL BE IN PLACE AND UNSECURED.
45. SOME ITEMS SHOWN IN THESE CONTRACT DRAWINGS MAY BE REMOVED BY OTHERS PRIOR TO CONTRACT AWARD, CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING PRESENCE OF EQUIPMENT SHOWN.

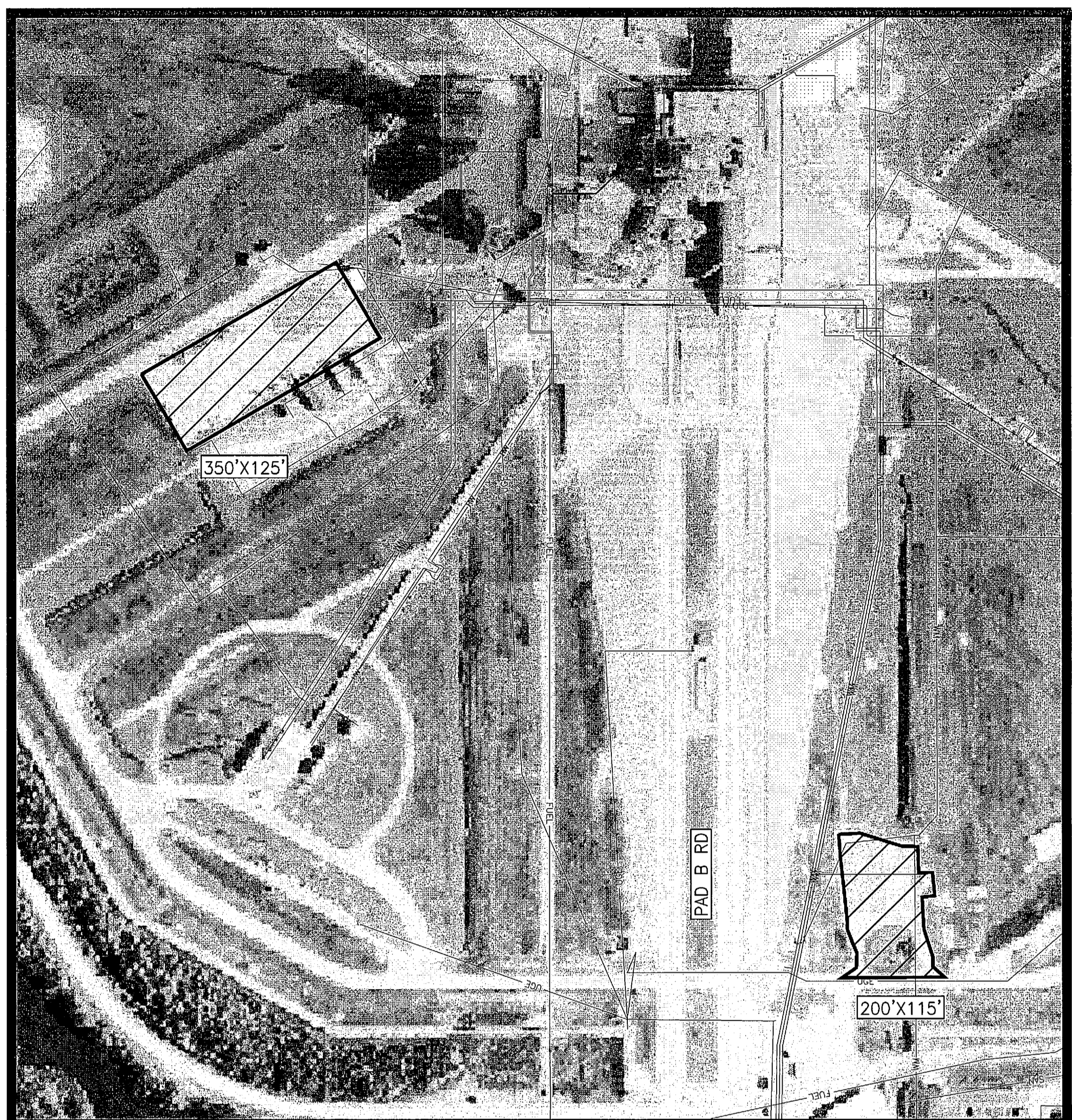
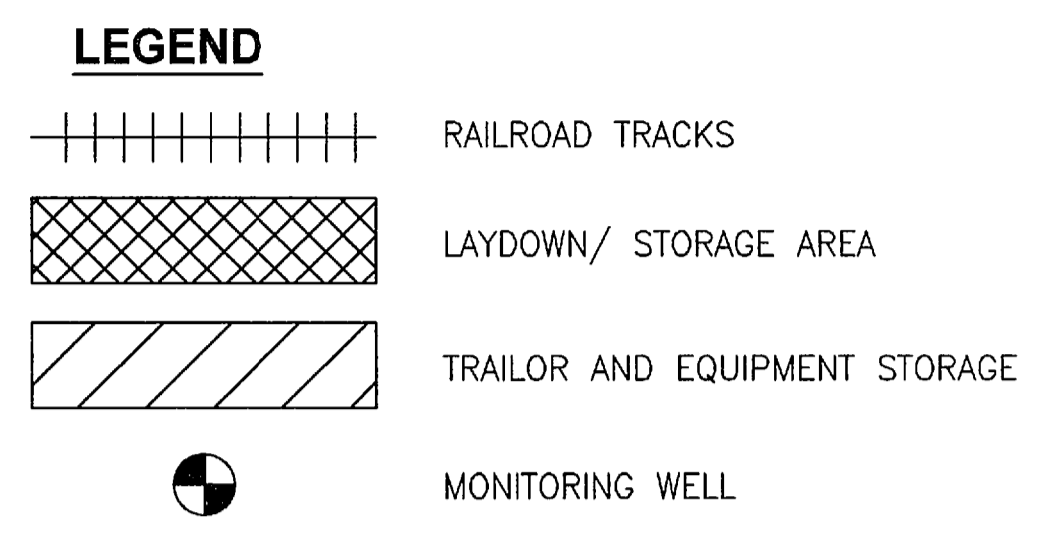
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SIGNATURES		DATE		
DRAWN		NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
S. HAFERKAMP		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED		LAUNCH COMPLEX 39B, DEMOLITION OF		
D. TOH		FSS/RSS AT LAUNCH COMPLEX 39B,		
DESIGNED		DEMOLITION PACKAGE		
J. DU QUESNE		DEMOLITION NOTES		
SUBMITTED		6/24/09		
APPROVED		DATE		
V3		6/24/09		
TITLE		SIZE DWG. NO.		
		F 222W2200001		
		PROJ. NO. 98580 SHEET 3		

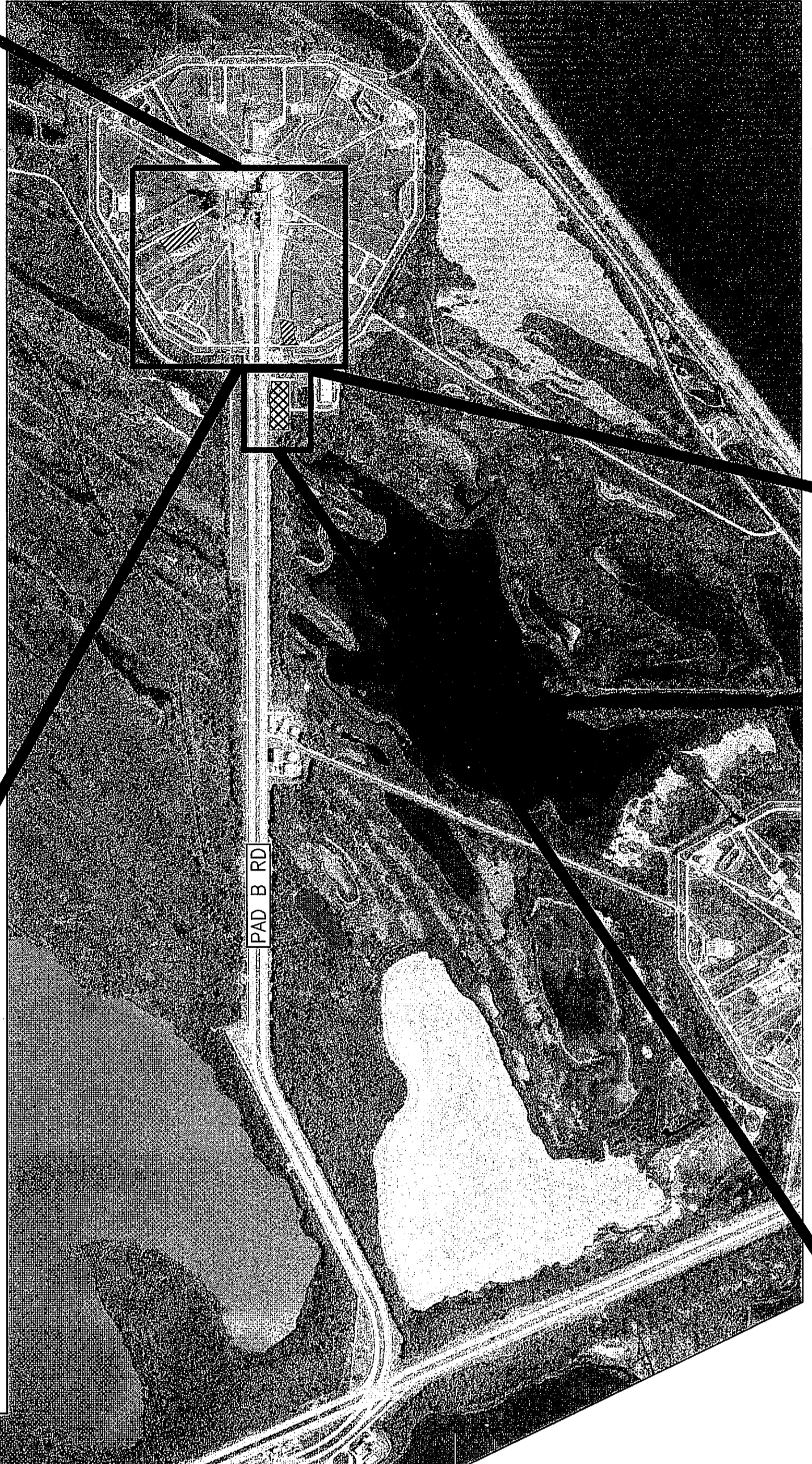
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- FLAG NOTES**
- 1 DEMOLISH EXISTING 6' HIGH CHAINLINK FENCE, GATE AND ASSOCIATED APPURTENANCES, AS SHOWN. SEE DETAIL (4) V4
 - 2 PROVIDE A 6' HIGH TEMPORARY CHAINLINK FENCE AROUND THIS GRASSED AREA AND PROTECT EXISTING UTILITIES, STRUCTURES AND MONITORING WELLS FROM DAMAGE DURING DEMOLITION ACTIVITIES. SEE DETAIL (3) V4
 - 3 PROTECT ALL EXISTING UTILITIES DURING DEMOLITION ACTIVITIES. SEE DETAILS (2) V4 (3) V4
 - 4 CONSTRUCT A NEW 6' HIGH CHAINLINK FENCE WITH POSTS AT 10' OC AND 20' WIDE GATE.
 - 5 DEMOLISH EXISTING 1' SQUARE REINFORCED CONCRETE BOLLARDS ±4' TALL. SEE DETAIL (1) V4
 - 6 EXISTING K-BOTTLES AND HELIUM TRAILER TO BE REMOVED BY OTHERS. SEE DETAIL (1) V4

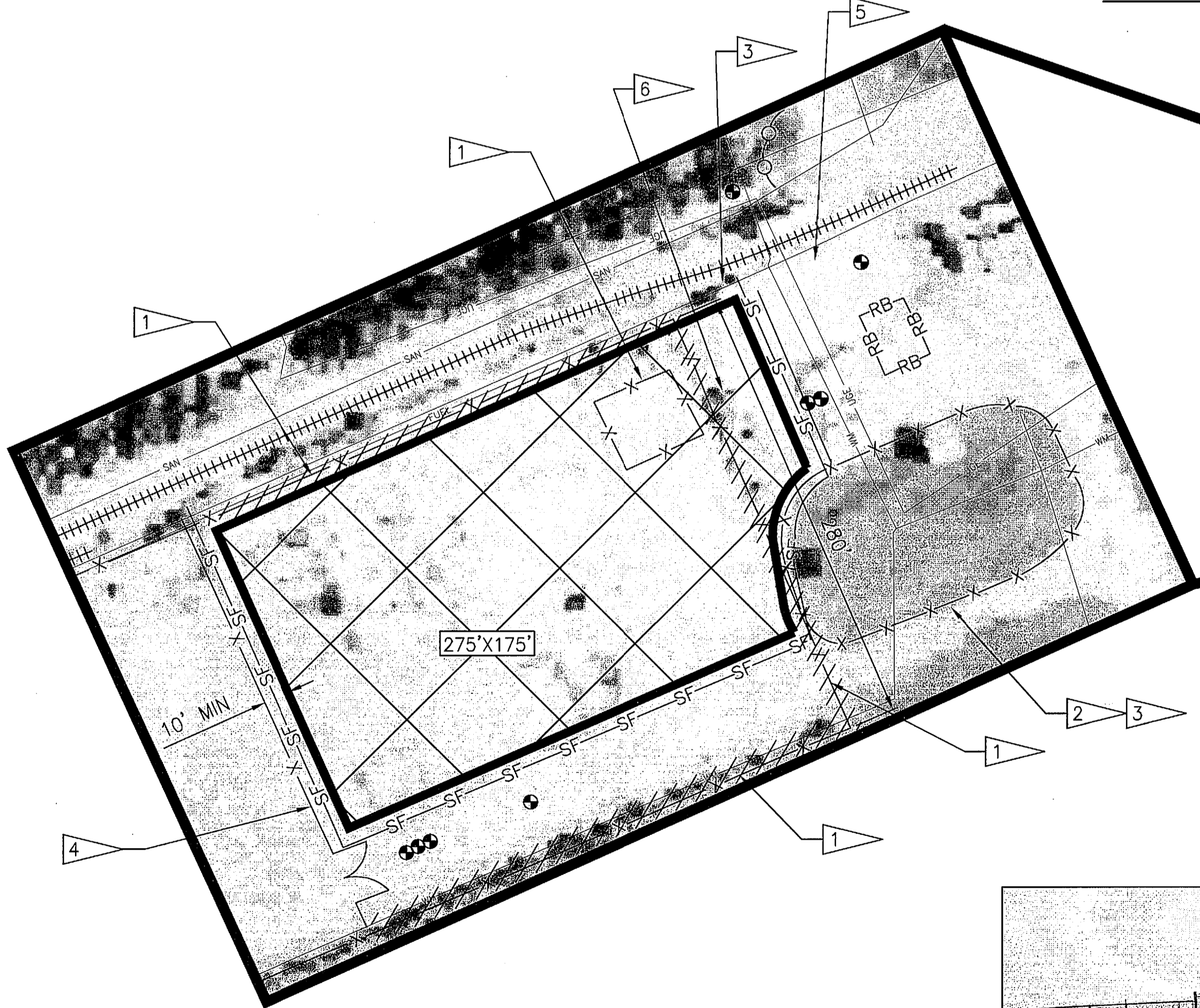
- NOTES**
1. CONTRACTOR SHALL NOT APPLY LOADS EXCEEDING H-20 LOADING TO AREAS IDENTIFIED AS HAVING UTILITIES AND AREAS OF TRANSPORT.
 2. CONTRACTOR SHALL SECURE ALL LAYDOWN AND STORAGE AREAS WITH A TEMPORARY 6' HIGH CHAINLINK FENCE.
 3. CONTRACTOR SHALL NOT DESTROY OR DAMAGE ANY OF THE INJECTION WELLS AND MONITORING WELLS ON SITE. SURVEY COORDINATES FOR THE WELLS ARE AVAILABLE BY REQUEST TO THE CONTRACTING OFFICER. REFER THIS SHEET FOR WELL LOCATIONS.



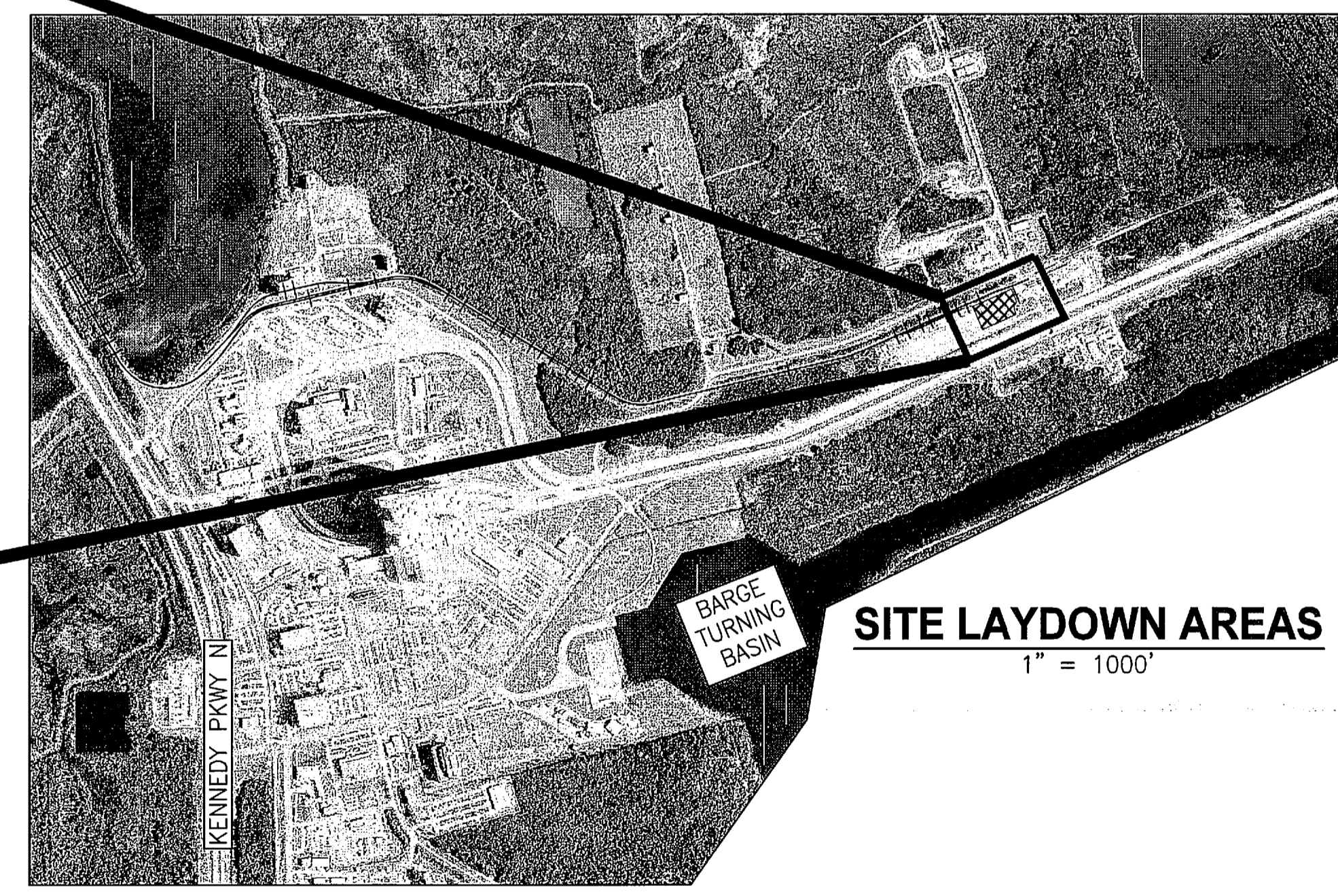
ENLARGED PLAN PAD INTERIOR AREAS FOR CONSTRUCTION TRAILERS AND EQUIPMENT STORAGE
1"=150'



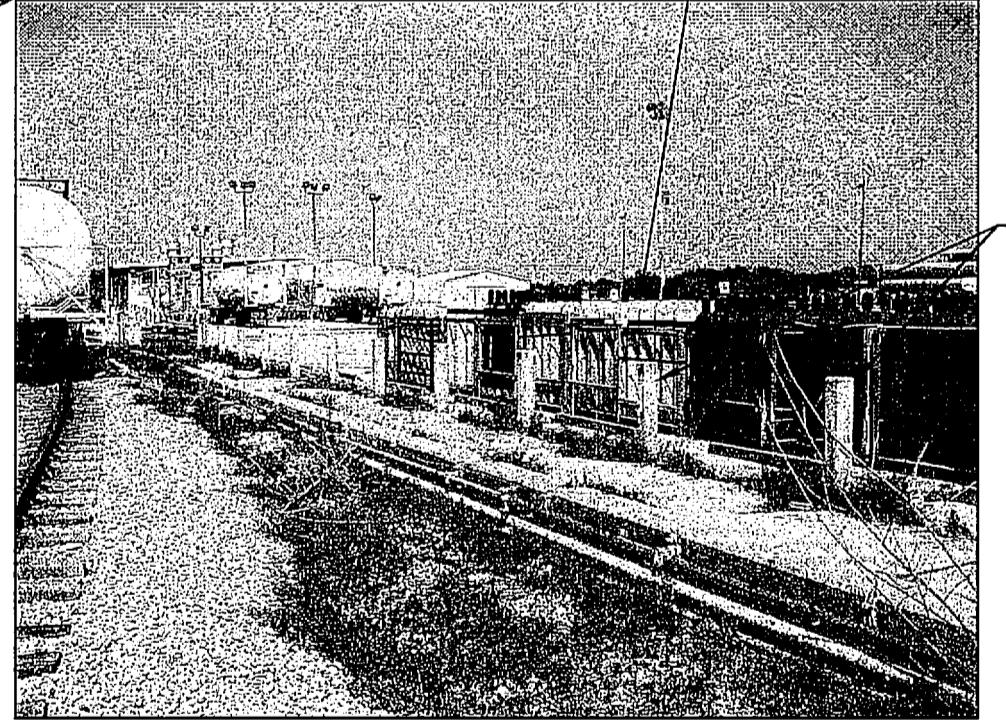
ENLARGED PLAN PAD SUPPORT LAYDOWN AREA
1"=100'



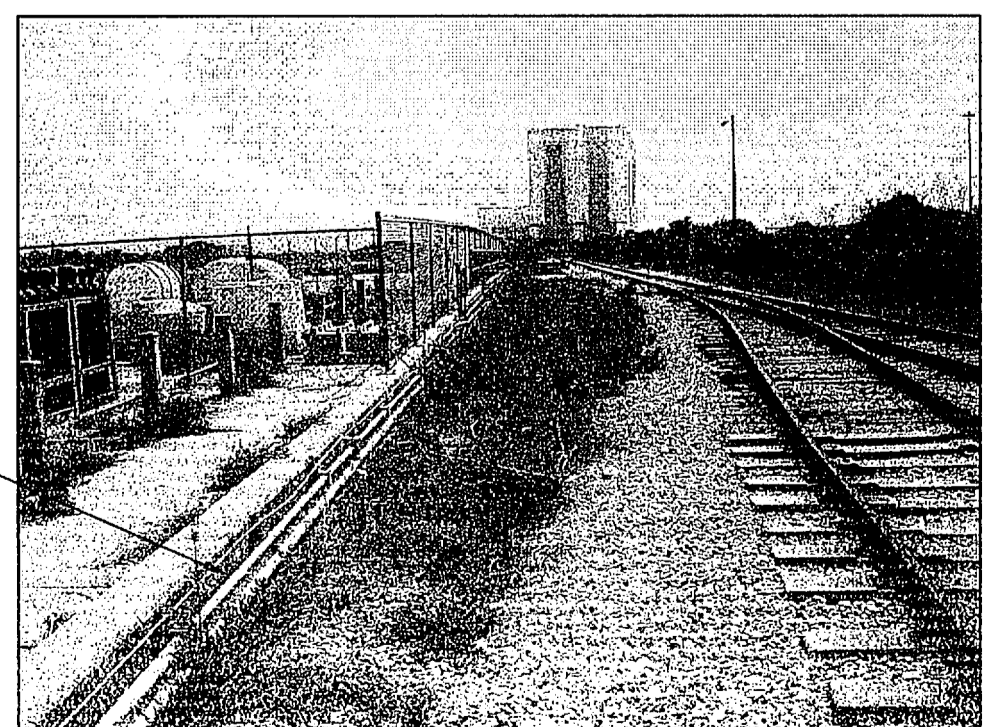
ENLARGED PLAN COMPONENT CLEANING FACILITY LAYDOWN AREA
1"=60'



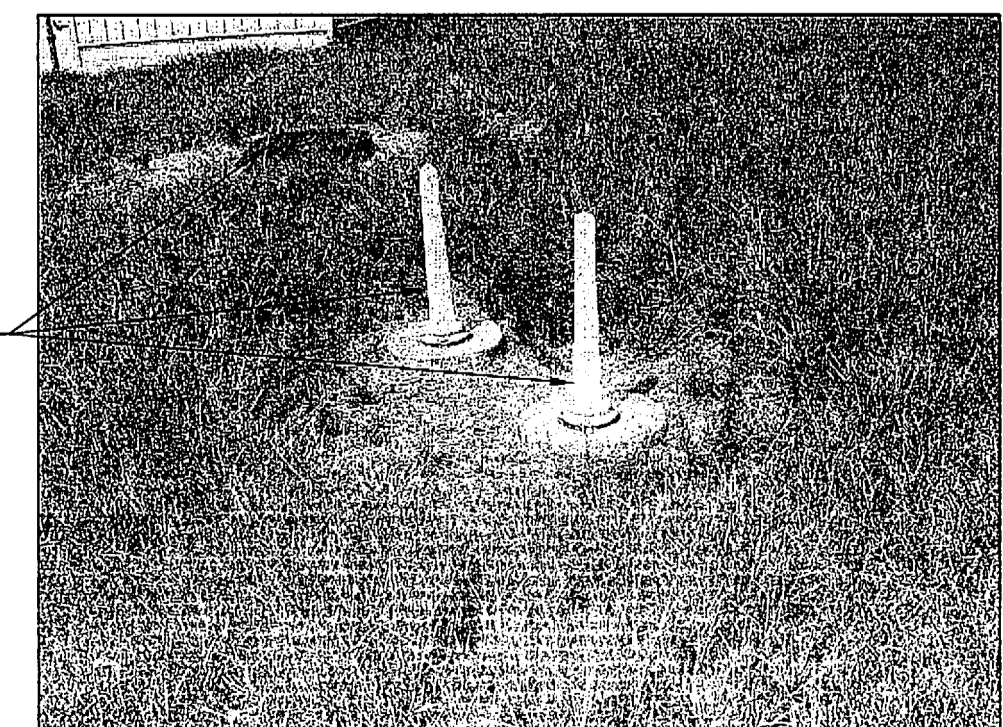
SITE LAYDOWN AREAS
1"=1000'



EXISTING REINFORCED CONCRETE BOLLARD EAST OF LAYDOWN AREA
NTS (1) V4



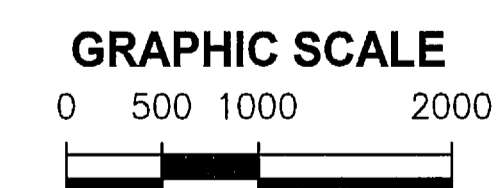
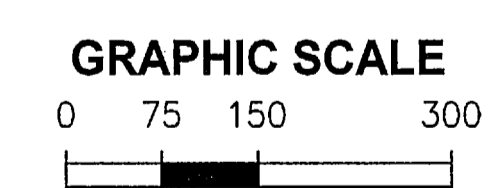
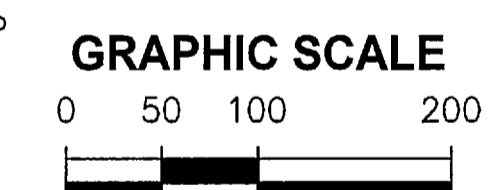
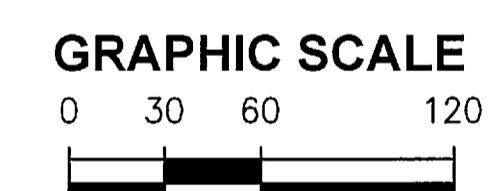
NORHTEAST CORNER OF LAYDOWN AREA
NTS (2) V4



MONITORING WELLS
NTS (3) V4



EXISTING CHAINLINK FENCE STORAGE AREA
NTS (4) V4



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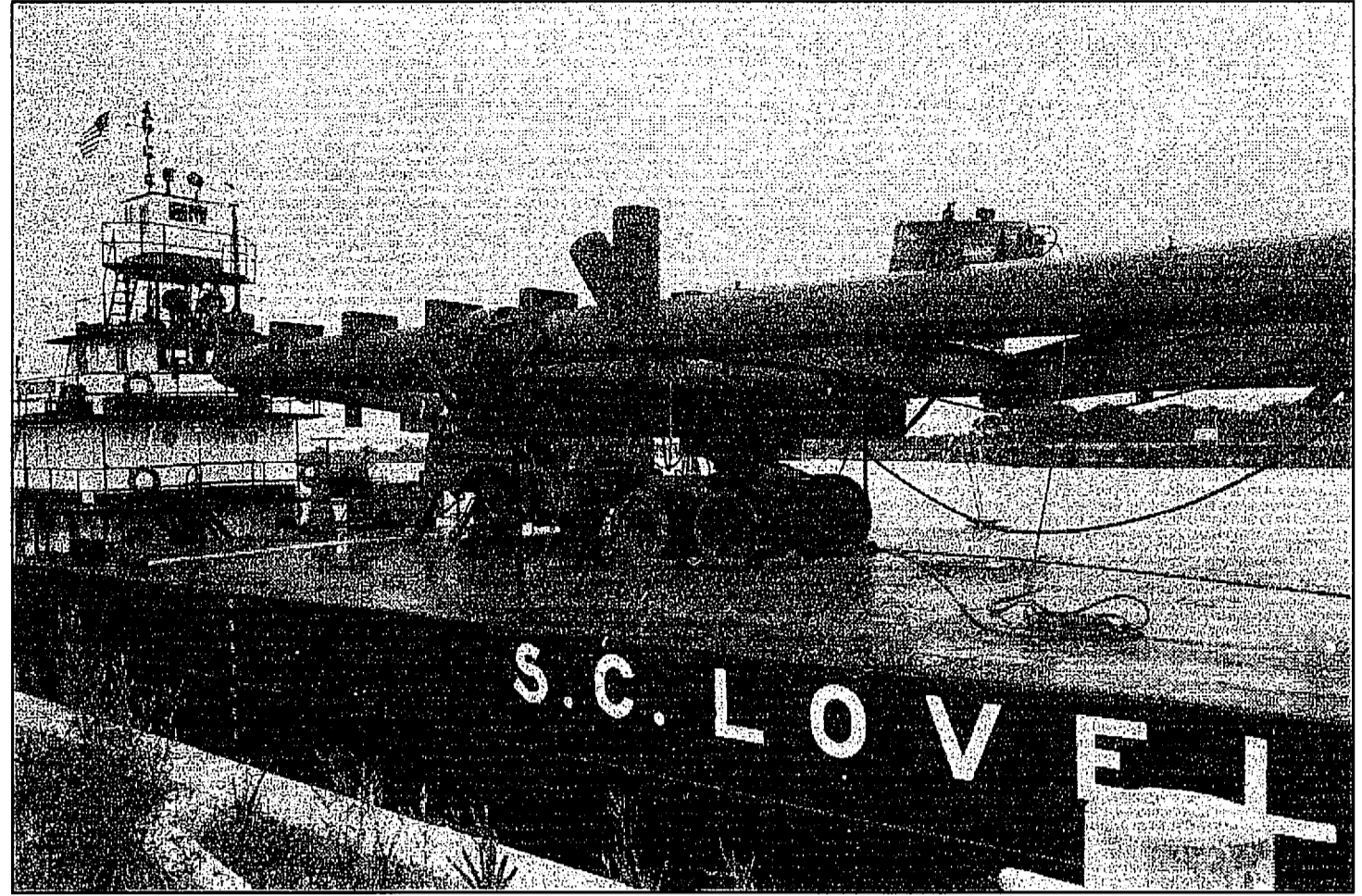
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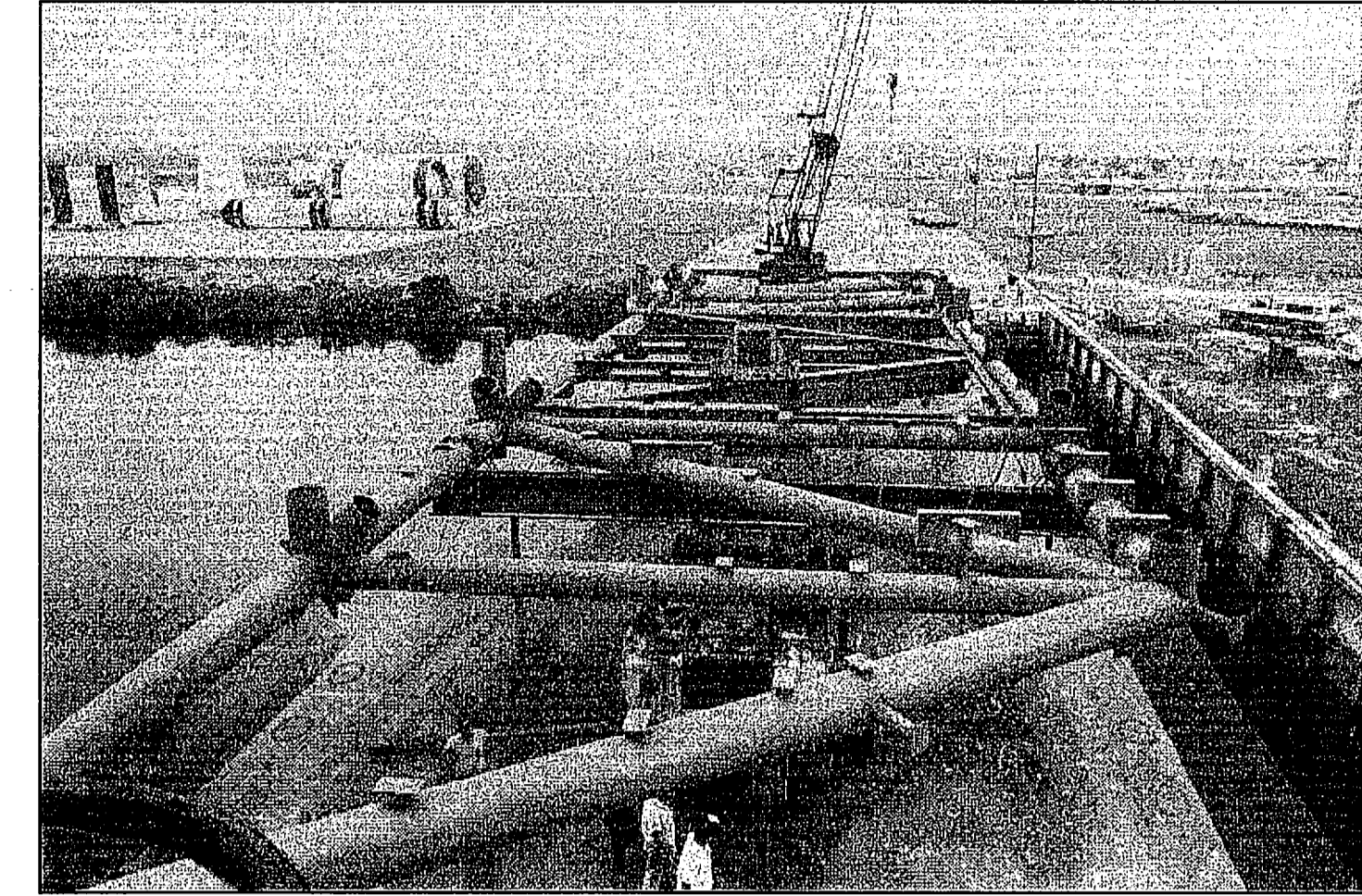
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DRAWN K. PEREZ	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED W. SCHROEDER	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED J. BELL	06/24/09	SITE LAYDOWN OPTIONS	
SUBMITTED <i>John R. Johnson</i>	6/24/09		
APPROVED <i>John R. Johnson</i>	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001
TITLE	PROJ. NO. 98580	SHEET 4	

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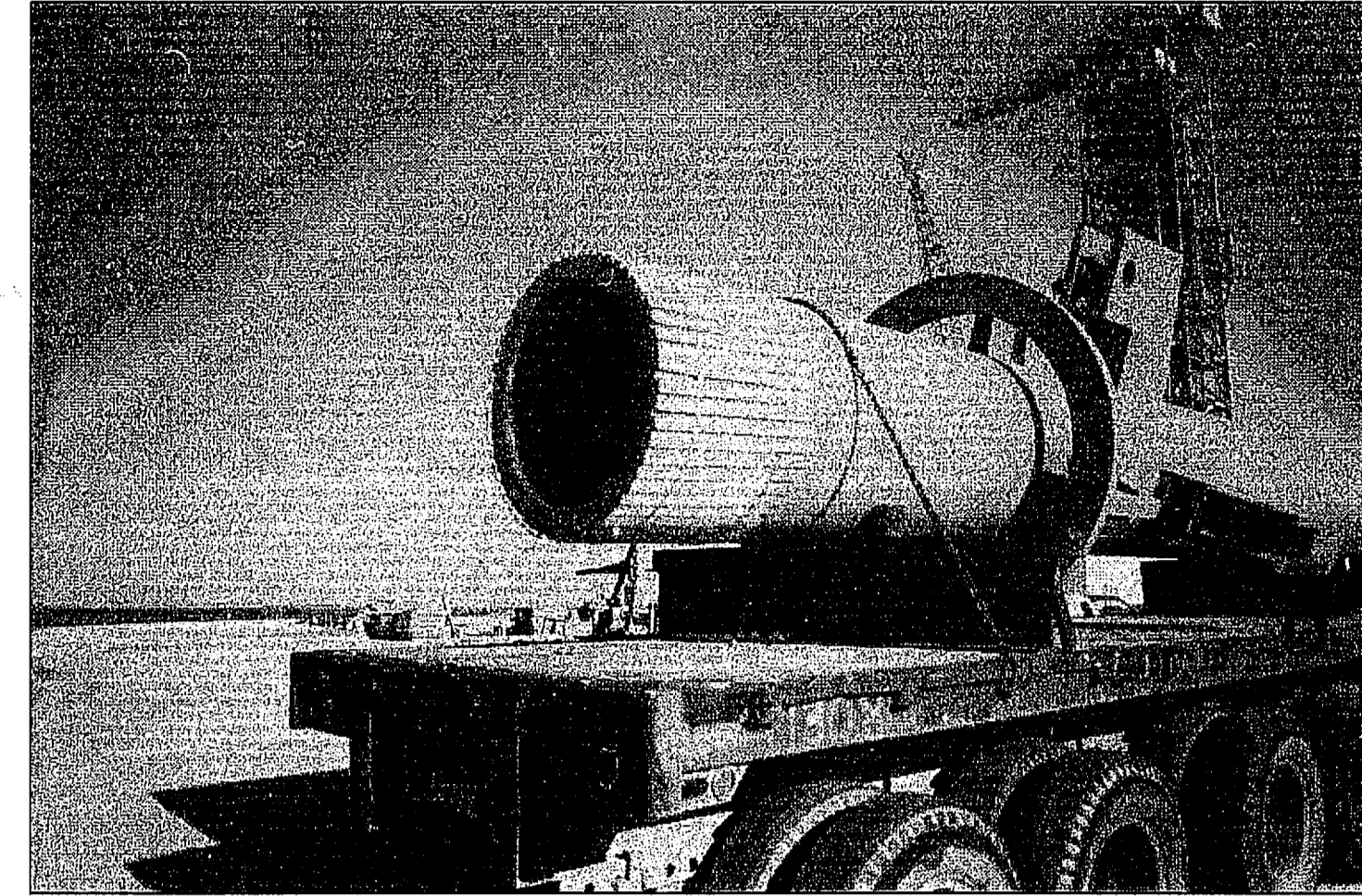
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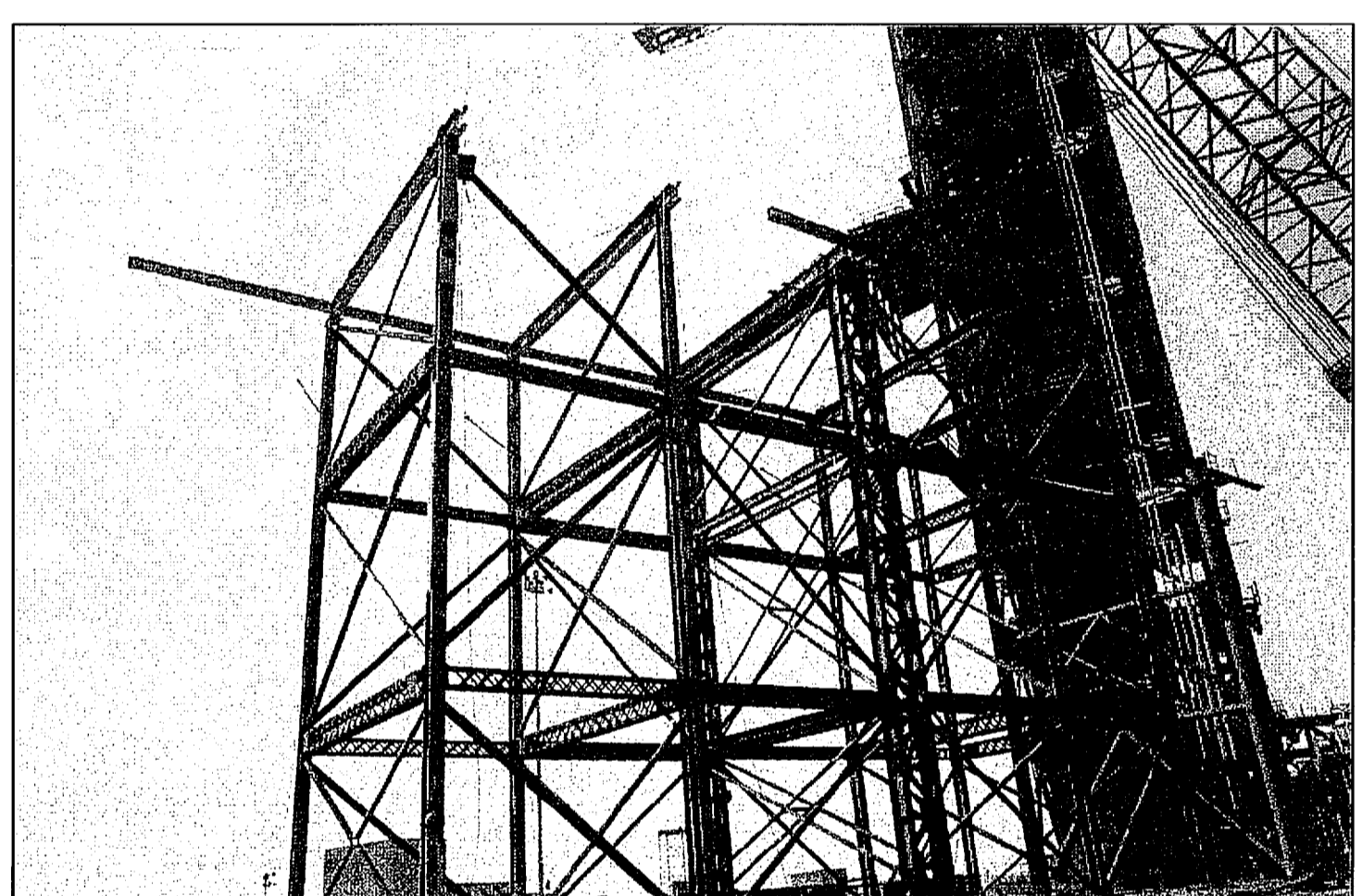
RSS TRUSS ON BARGE
 NTS - 1979



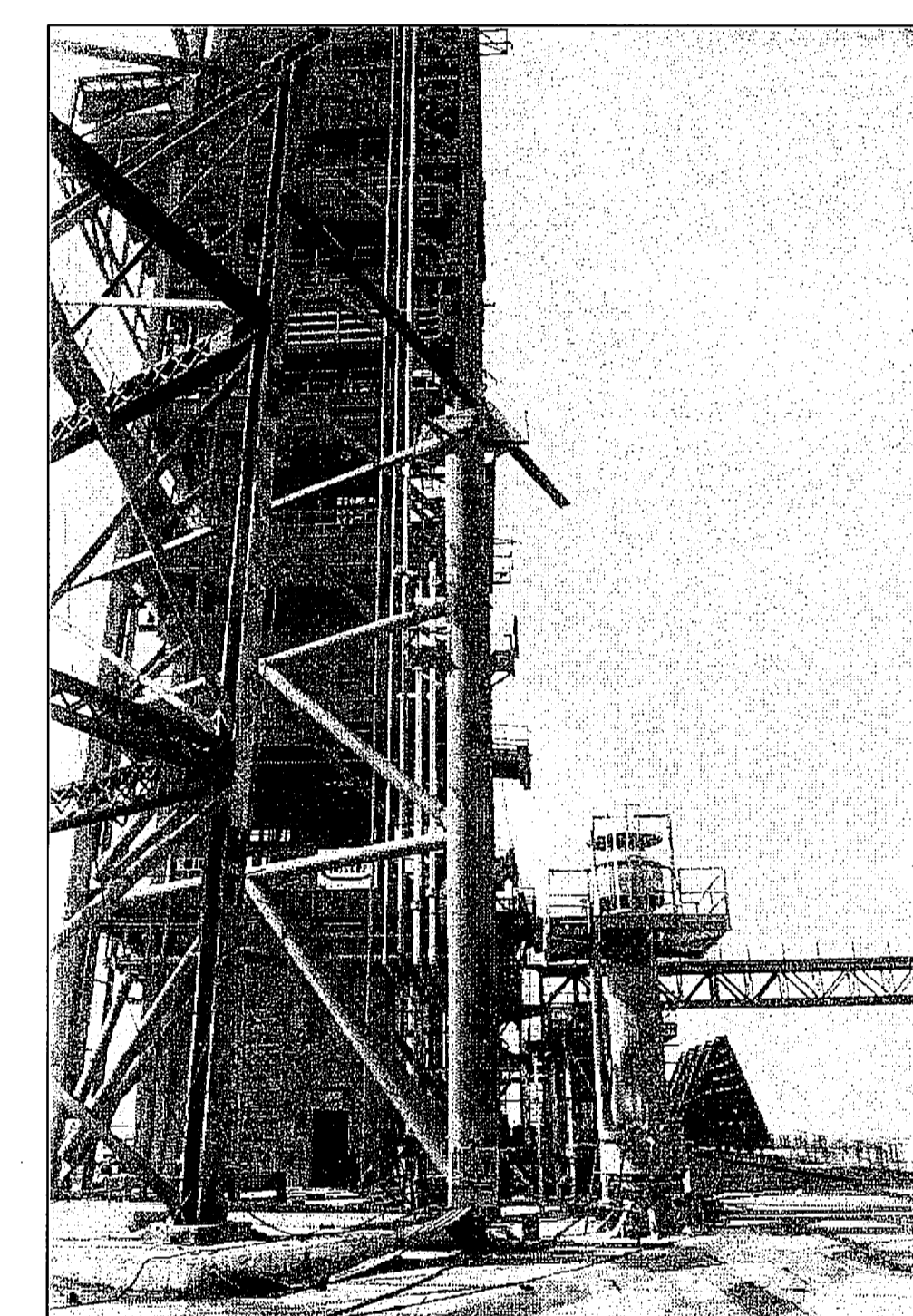
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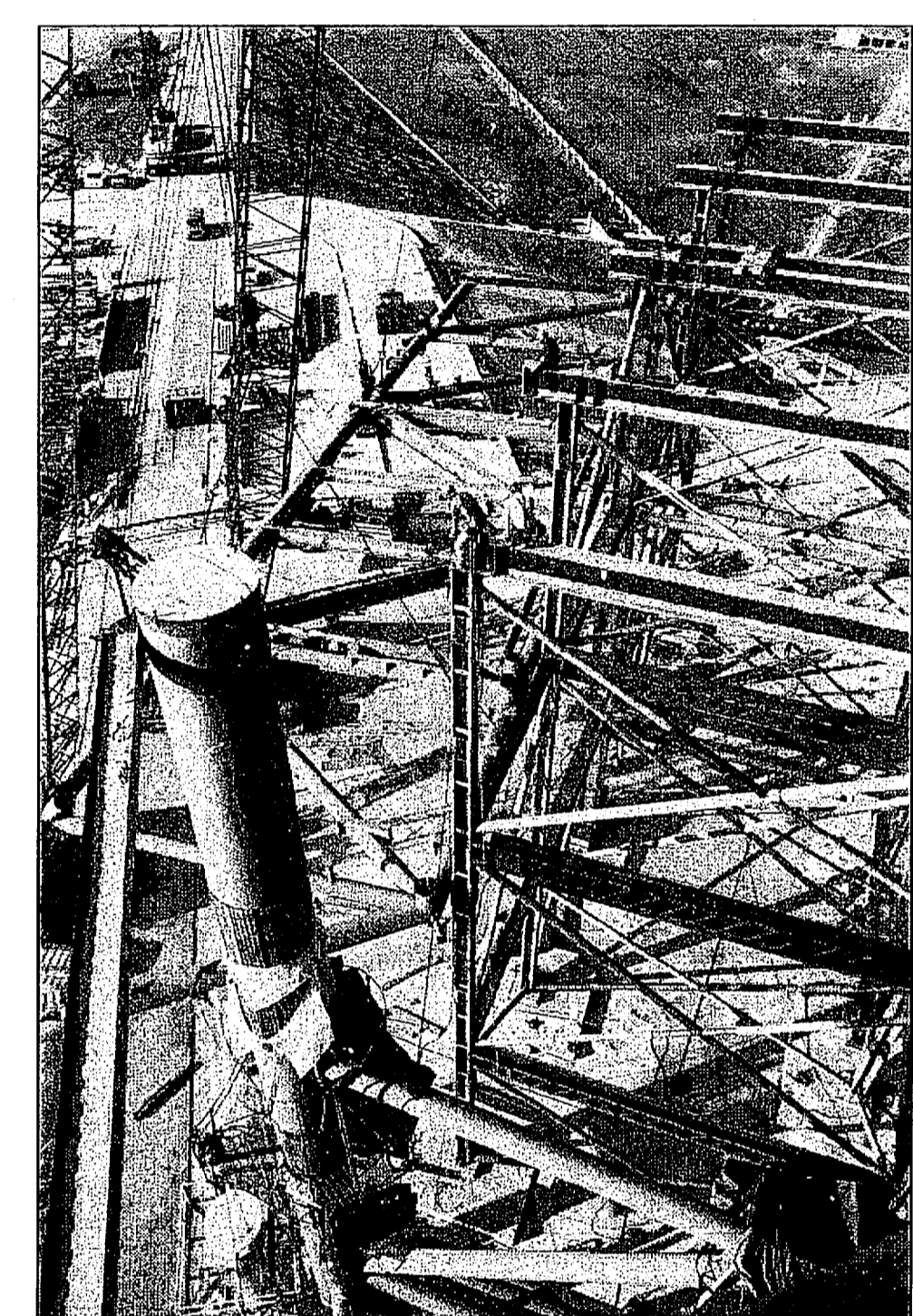
RSS TO FSS HINGE COLUMN ON TRUCK
 NTS - 1979



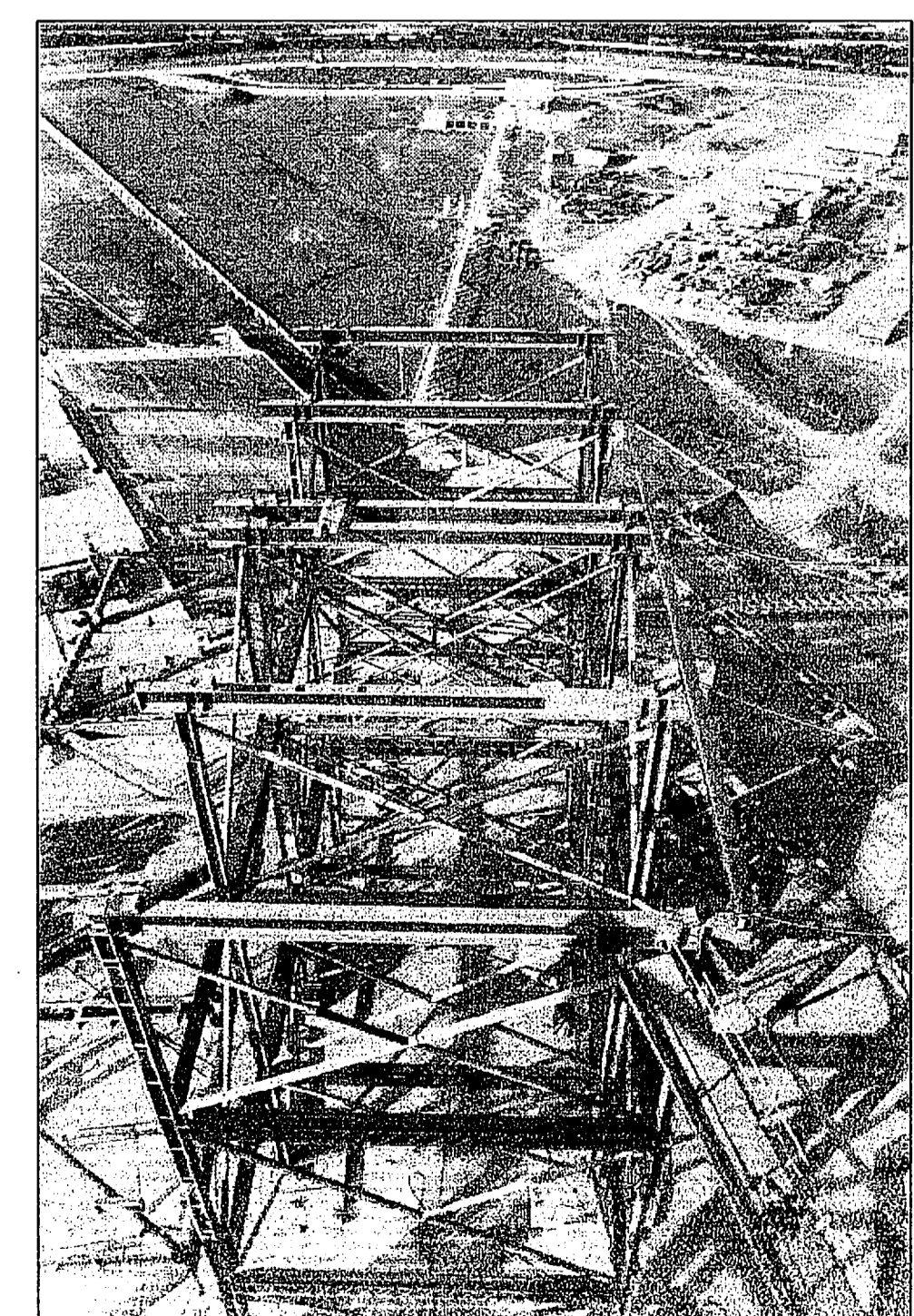
RSS SHORING
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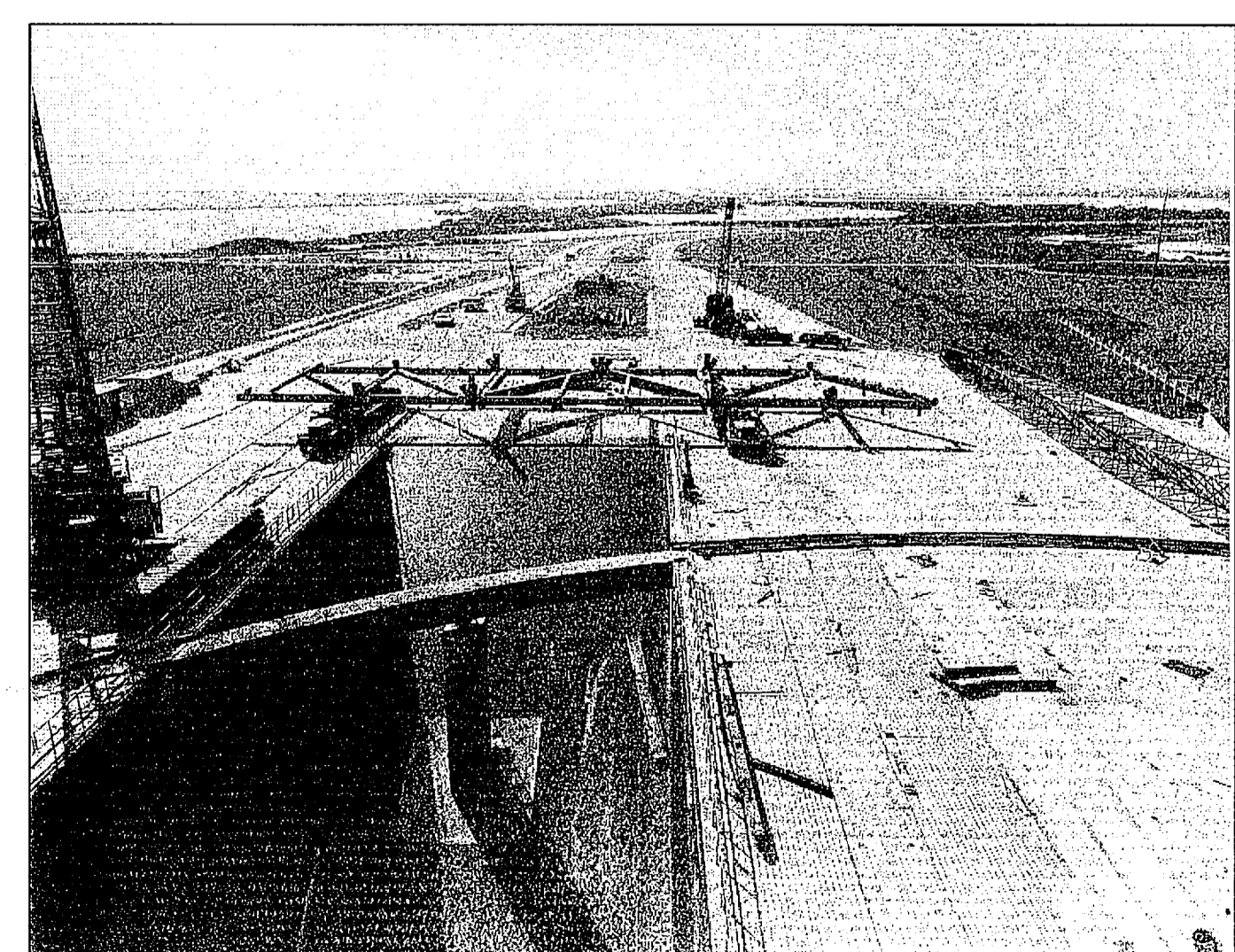
RSS TO FSS HINGE COLUMN (PARTIAL)
 NTS - 1979



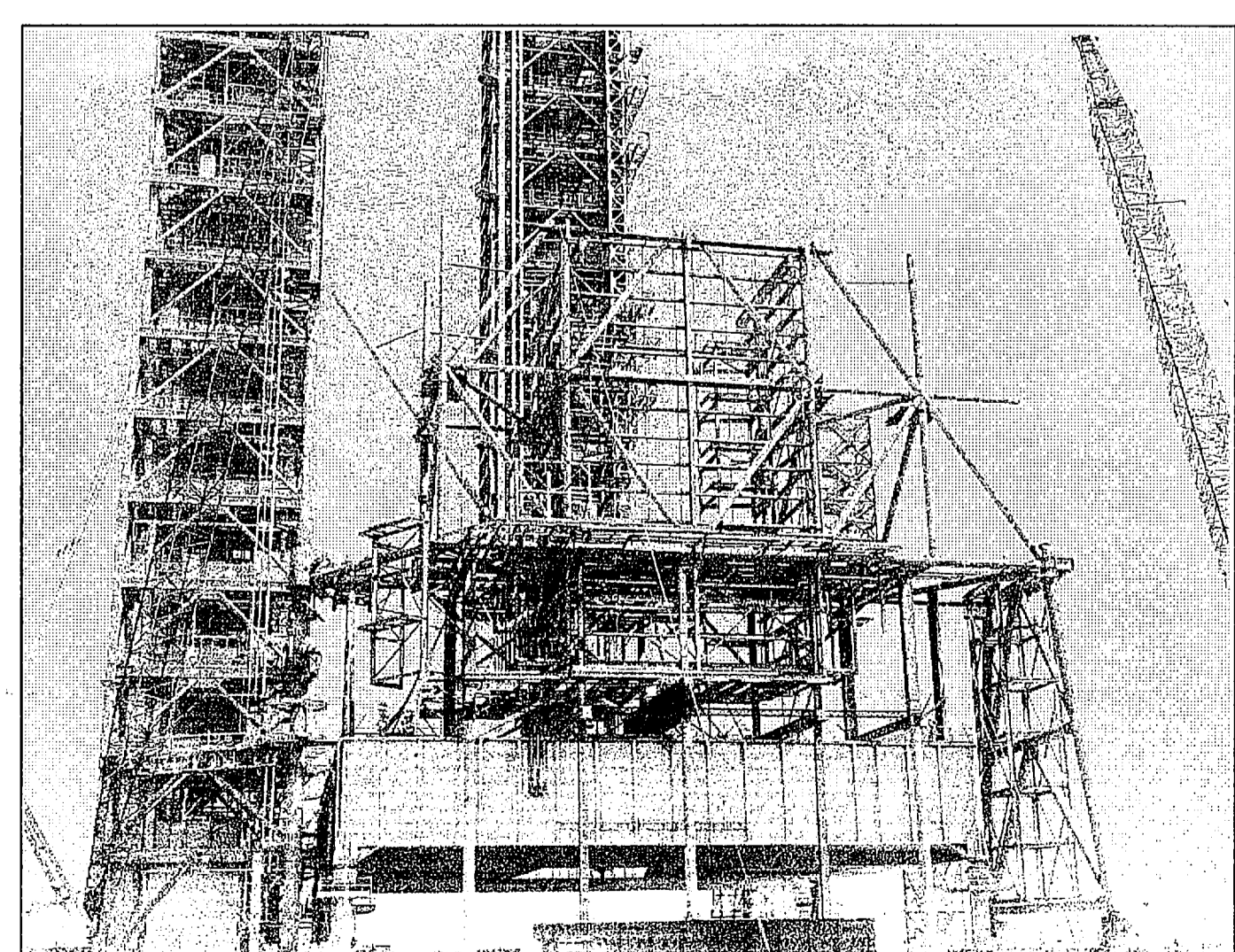
HINGE COLUMN/RSS SHORING
 NTS - 1979



RSS SHORING
 NTS - 1979



PAD A RSS CONSTRUCTION
 NTS - 1979



PAD A RSS CONSTRUCTION
 NTS - 1977

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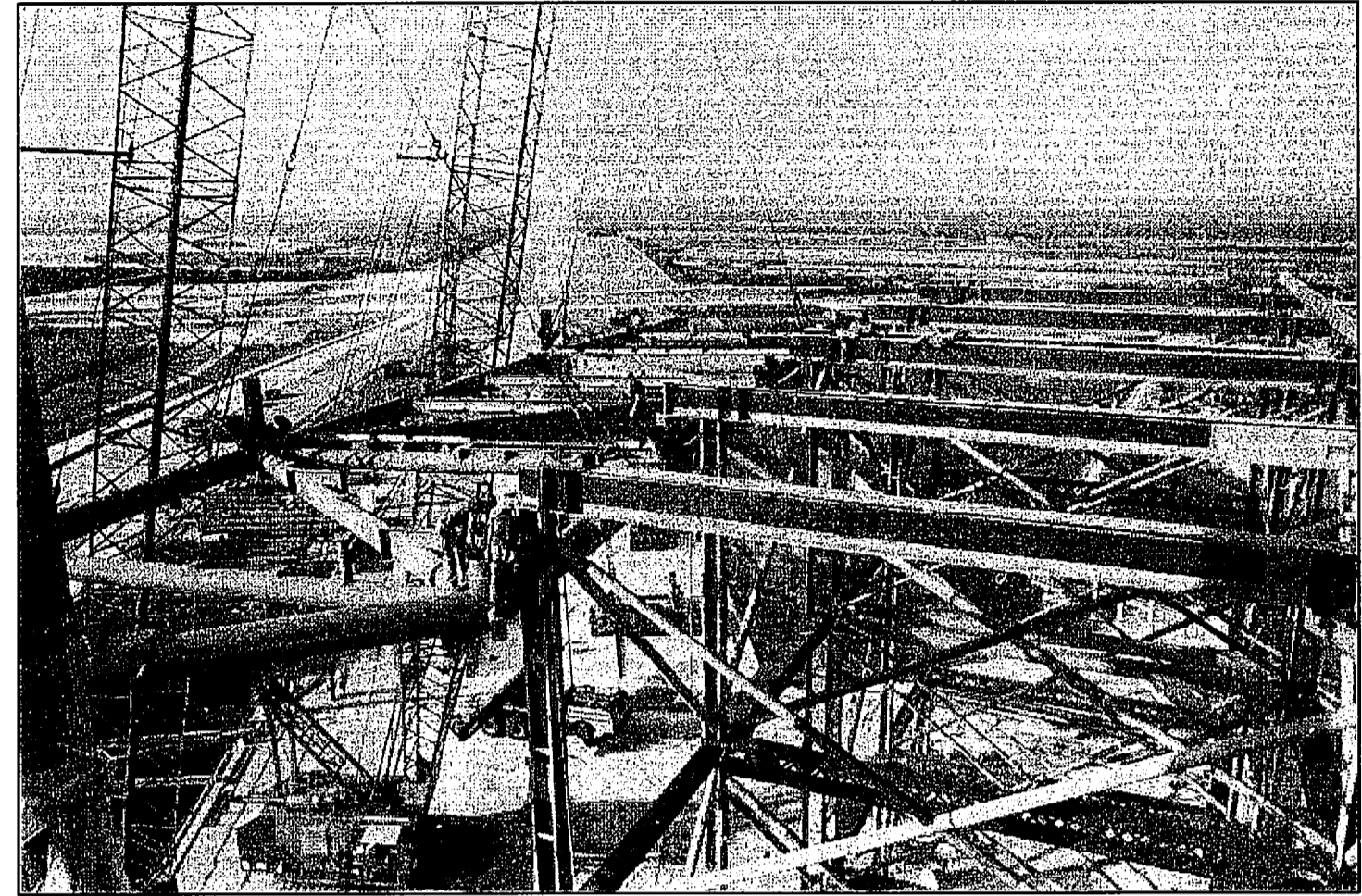
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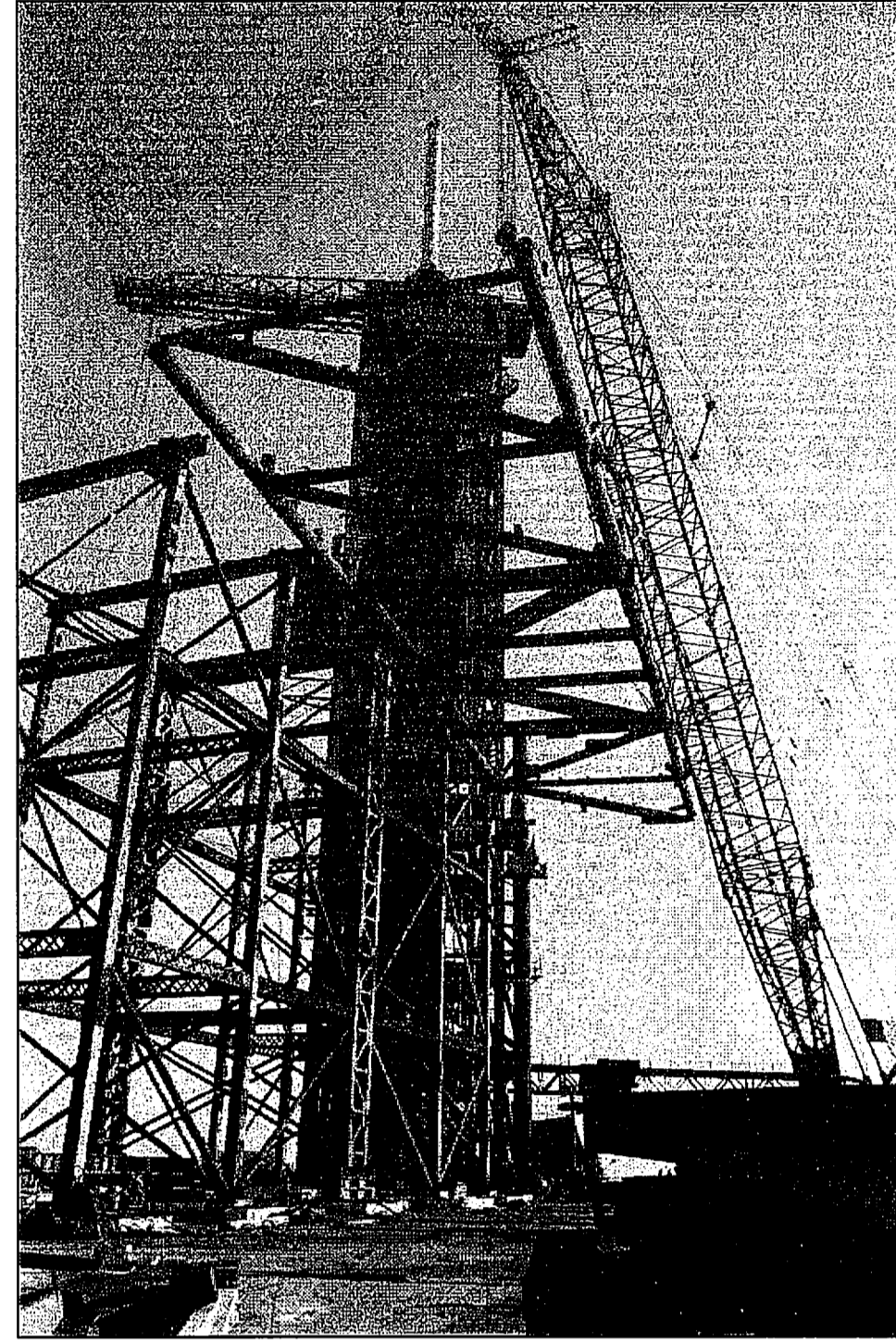
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DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP		06/24/09	KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE HISTORIC CONSTRUCTION PHOTOS OF FSS/RSS 1 OF 3	
S. BHIDE		06/24/09		
DESIGNED		06/24/09		
N. PONTILLO		06/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		06/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	
V5		98580	5	

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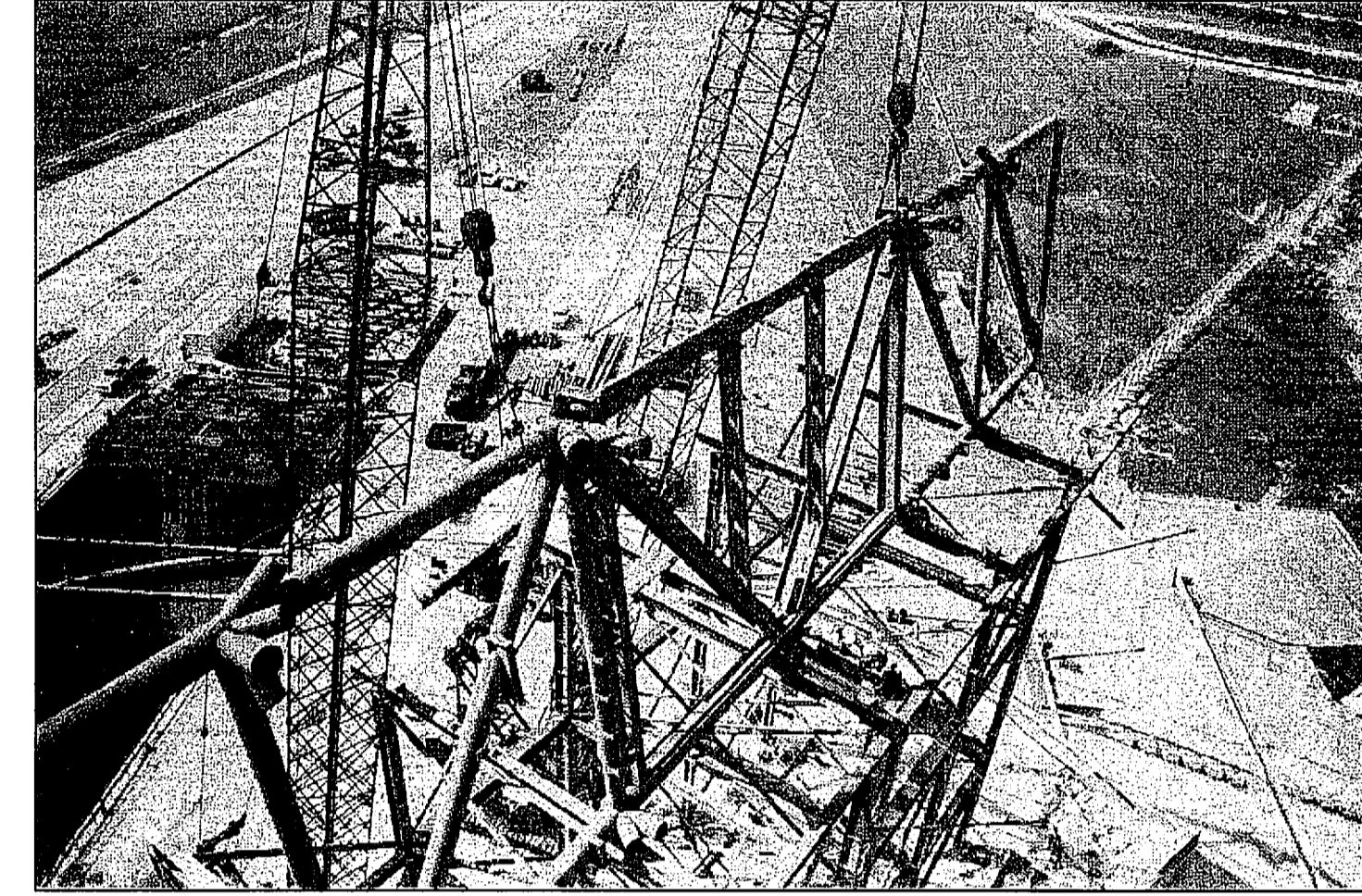
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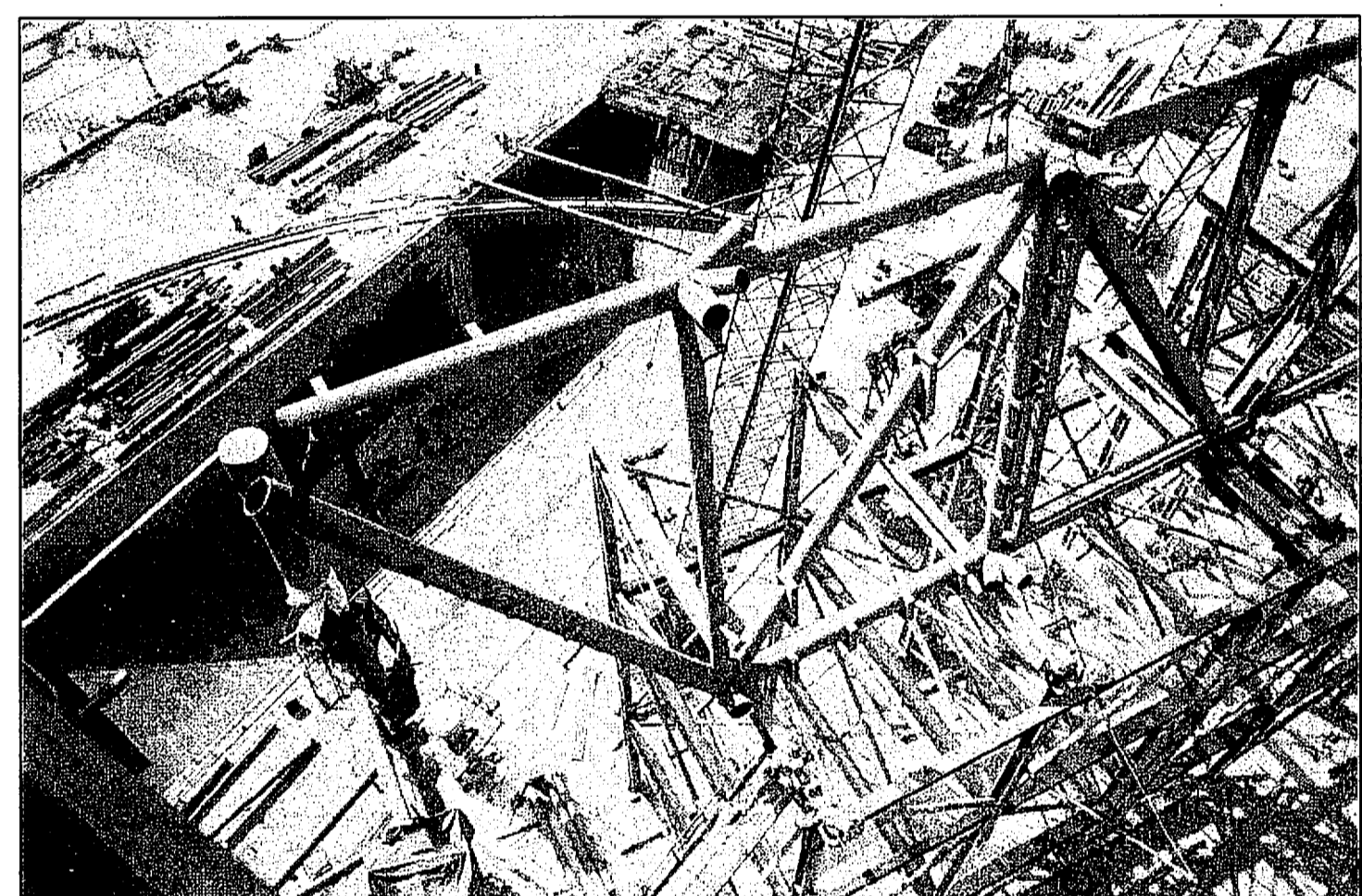
RSS SHORING AND ASSEMBLY
NTS - 1979



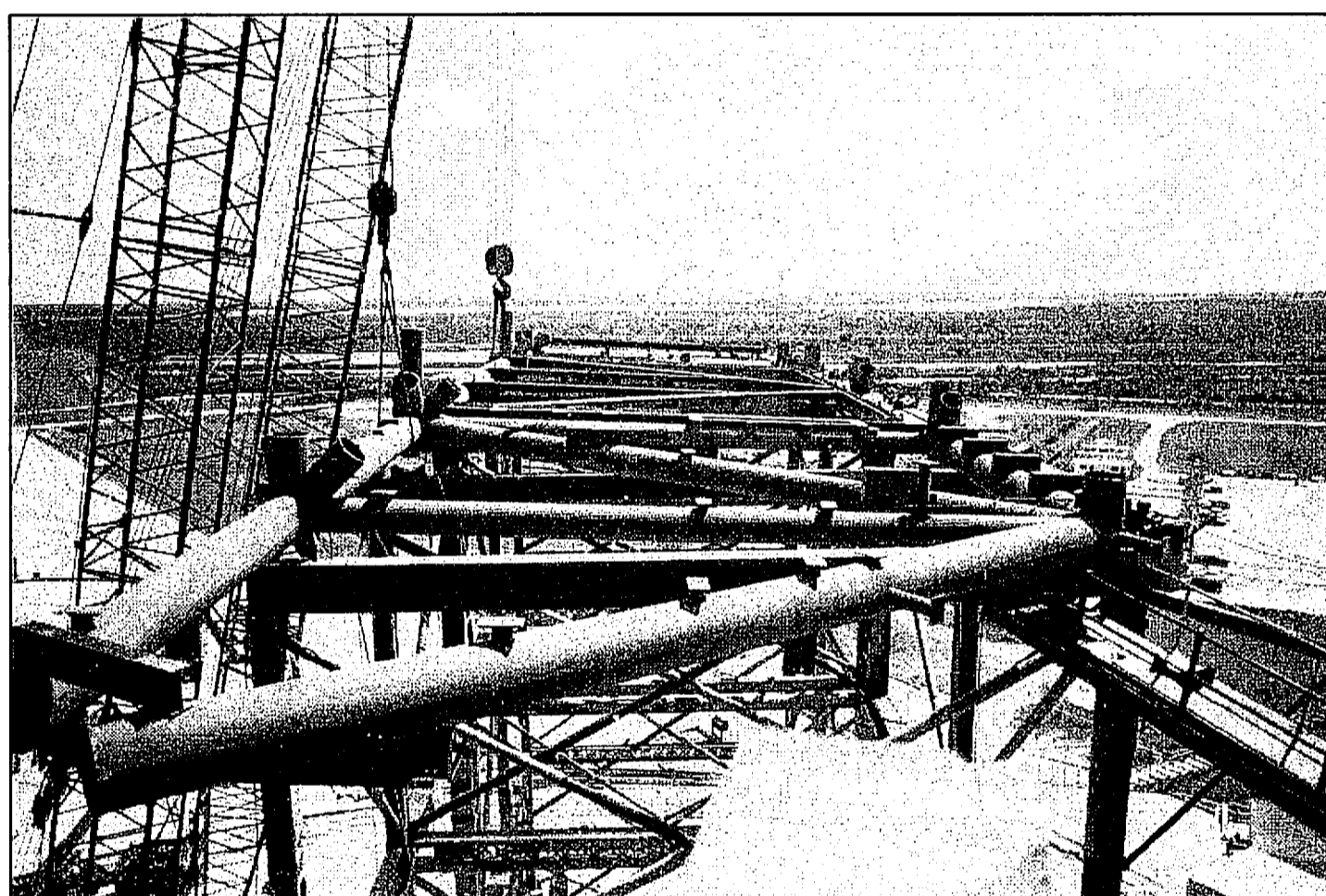
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NTS - 1979



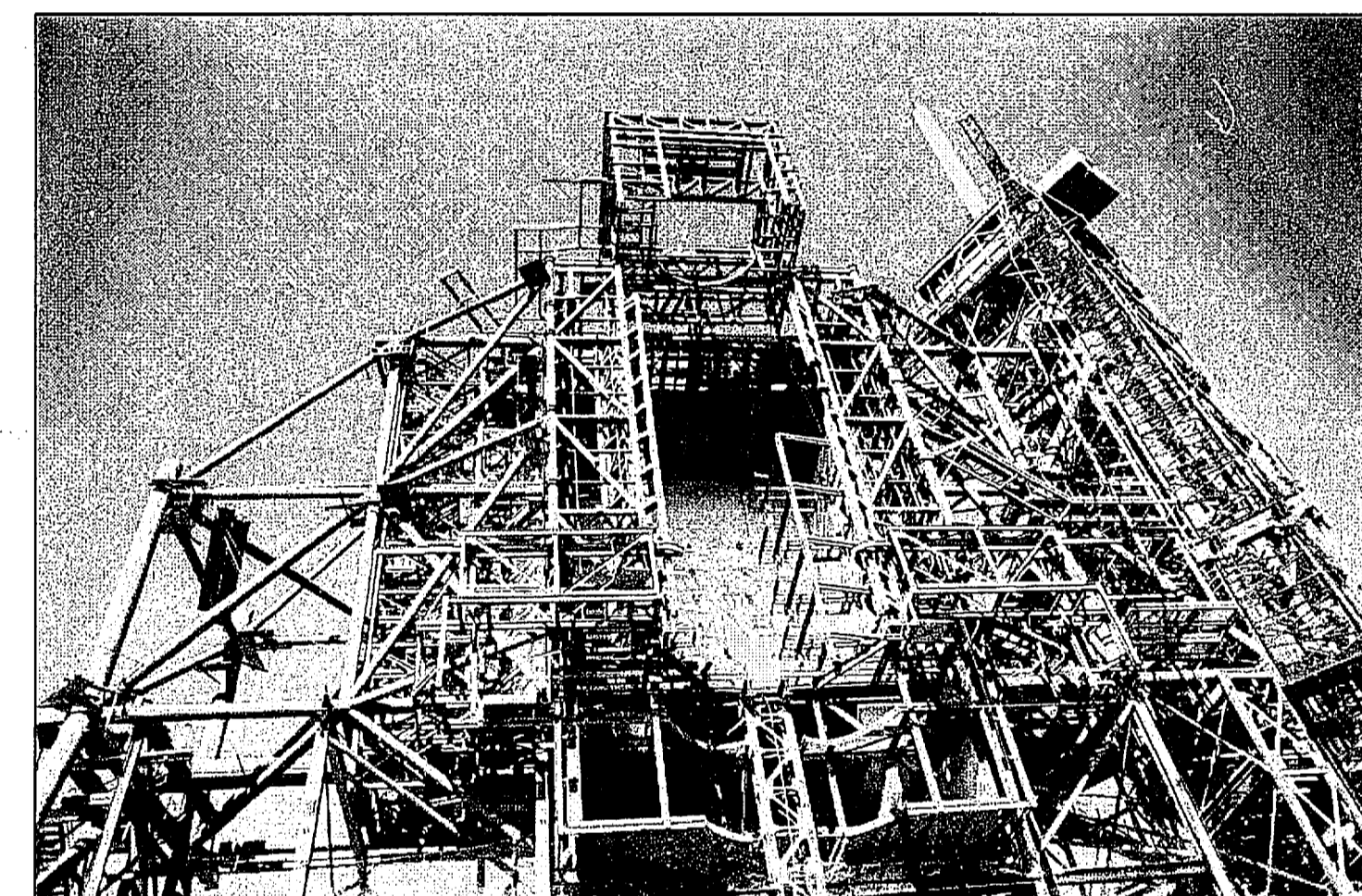
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NTS - 1979



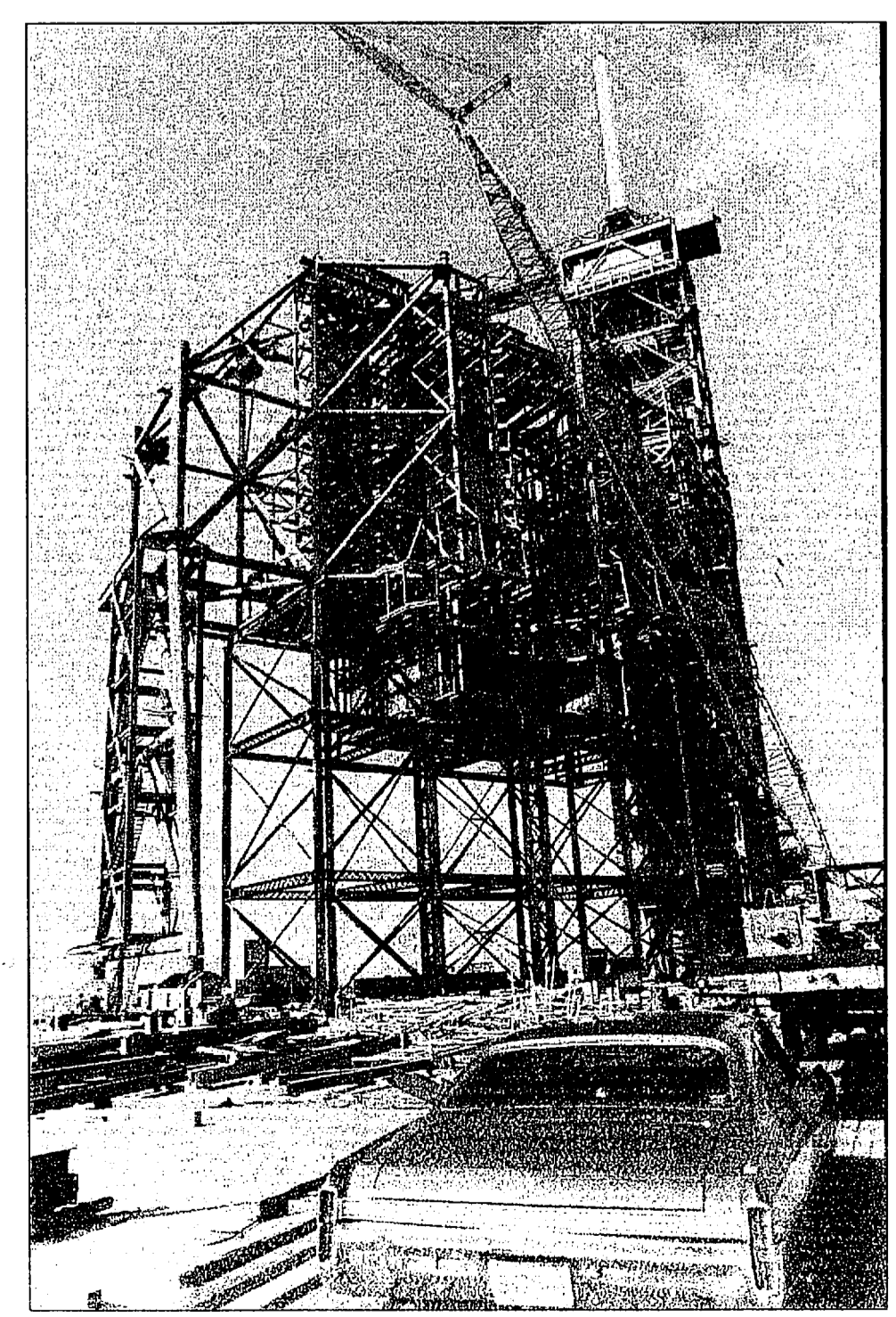
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NTS - 1979



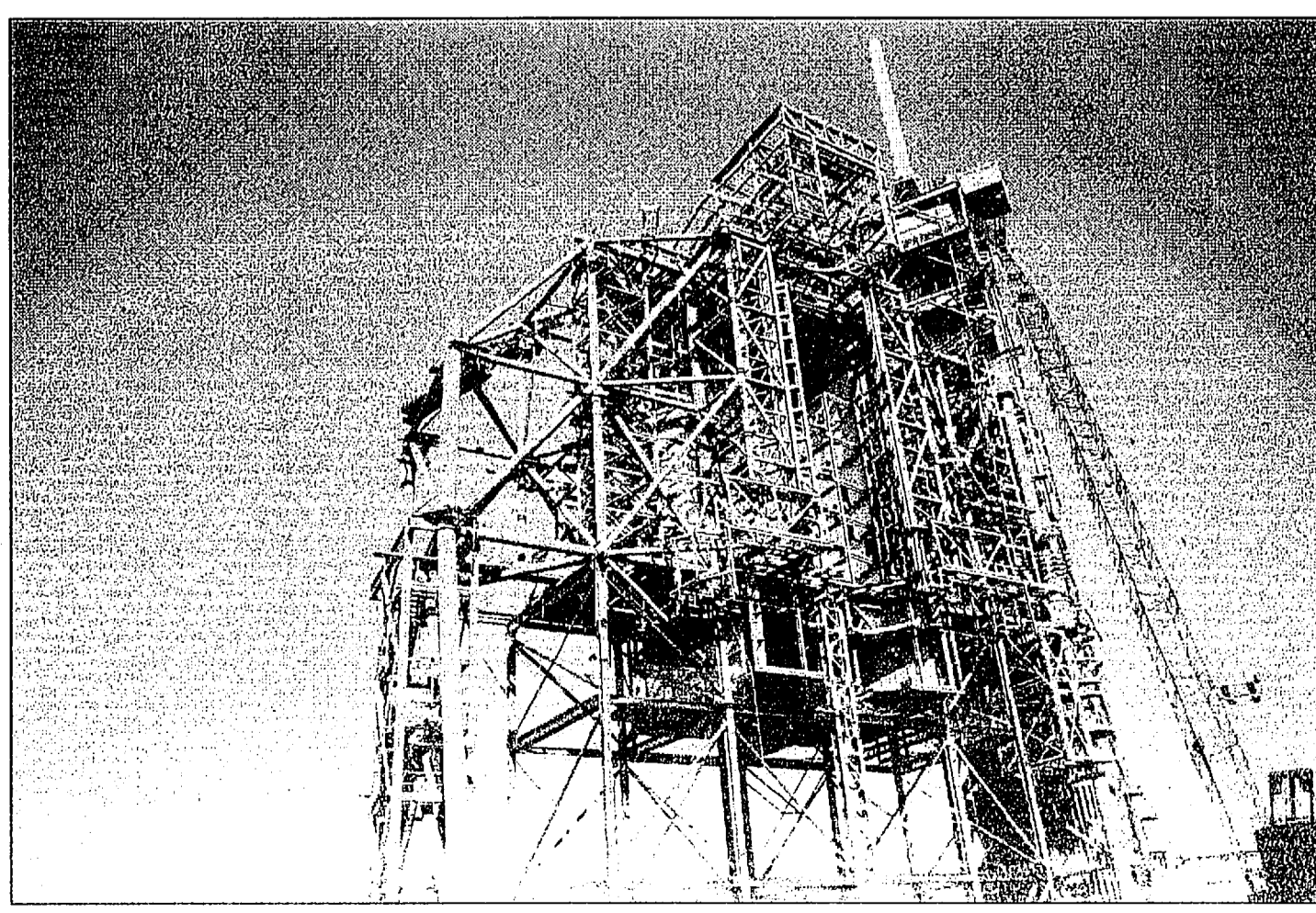
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NTS - 1979



RSS NEAR COMPLETION
NTS - 1979



RSS NEAR COMPLETION
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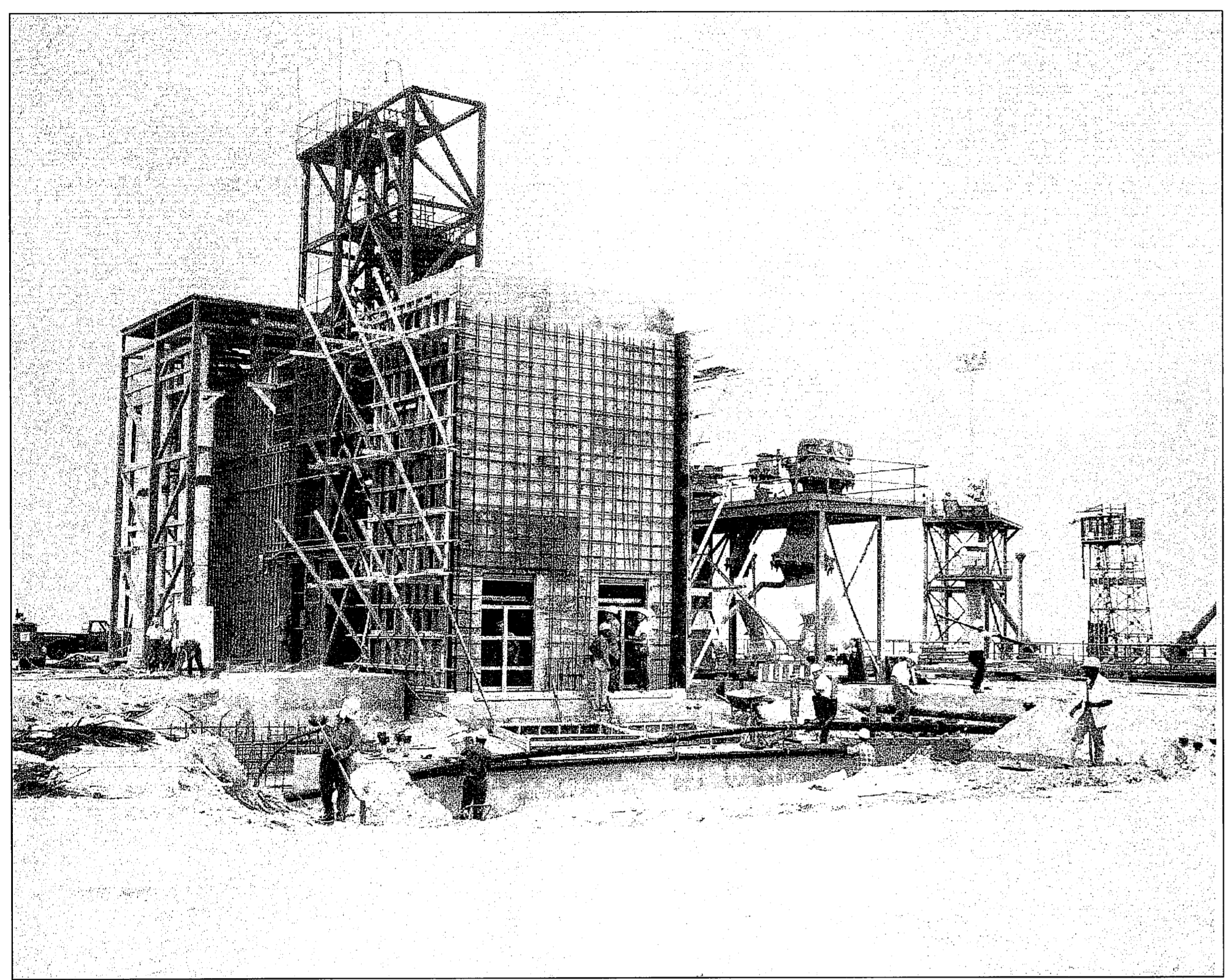


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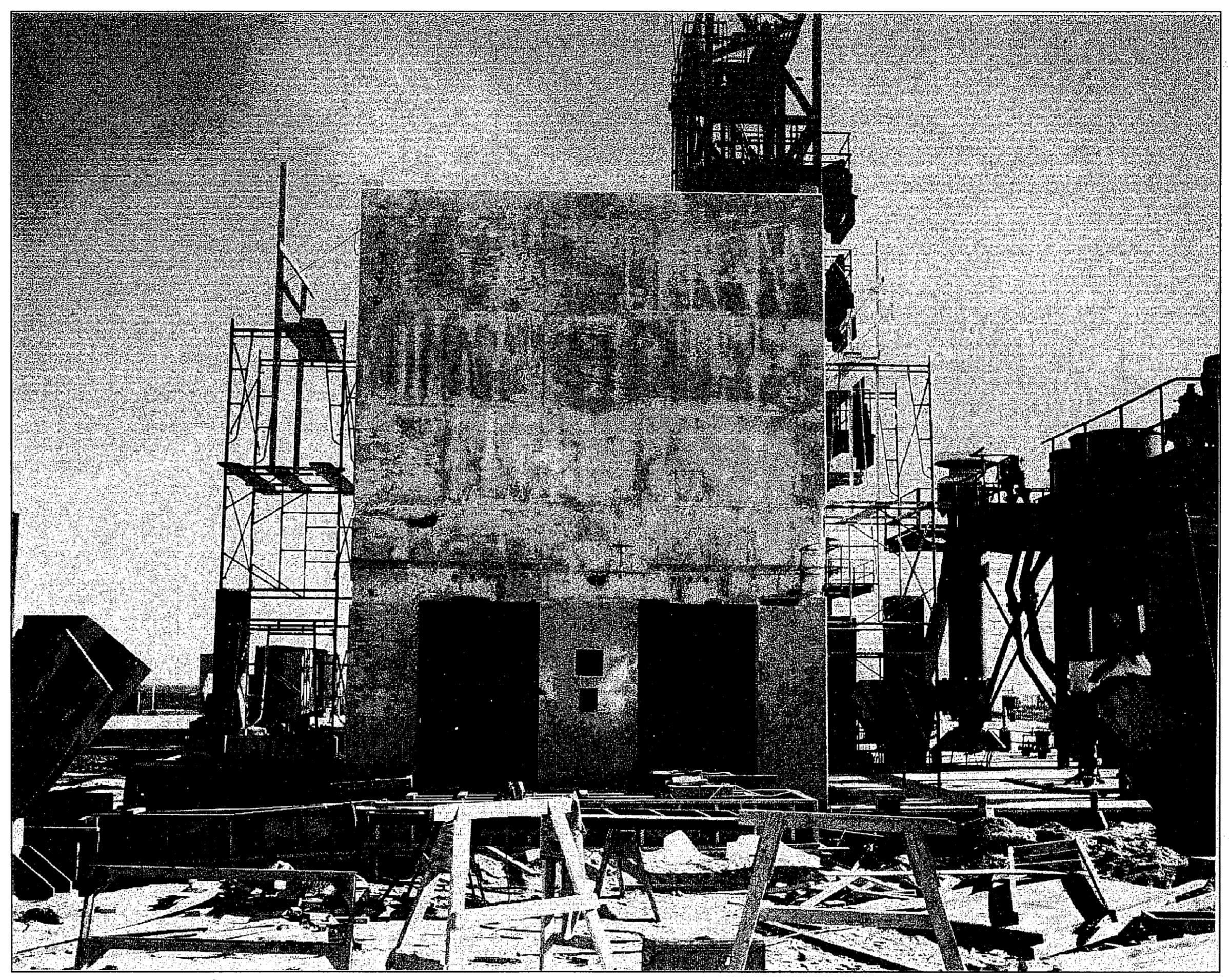
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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED <i>[Signature]</i>		6/29/09		
APPROVED <i>[Signature]</i>		DATE 6/29/09		
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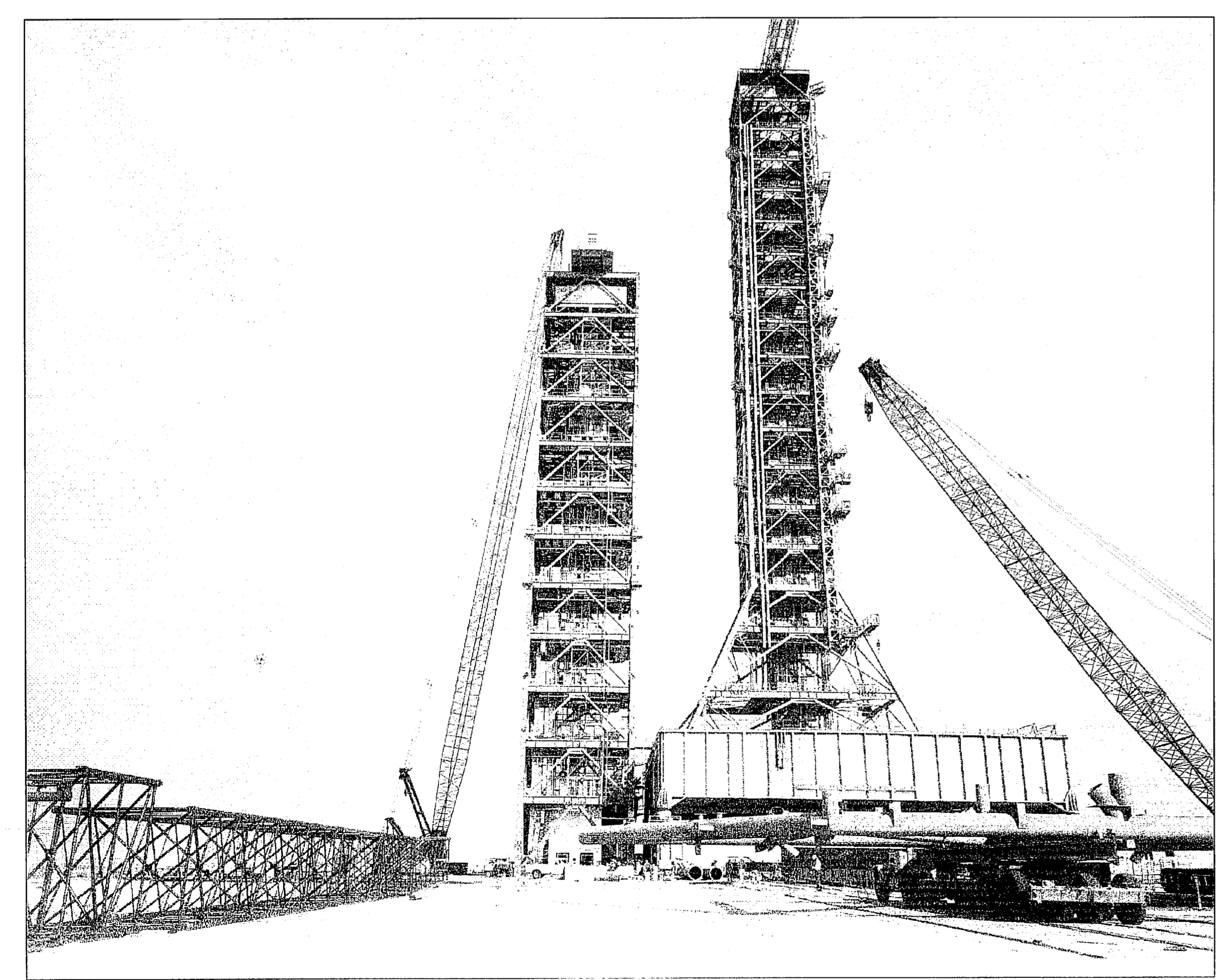
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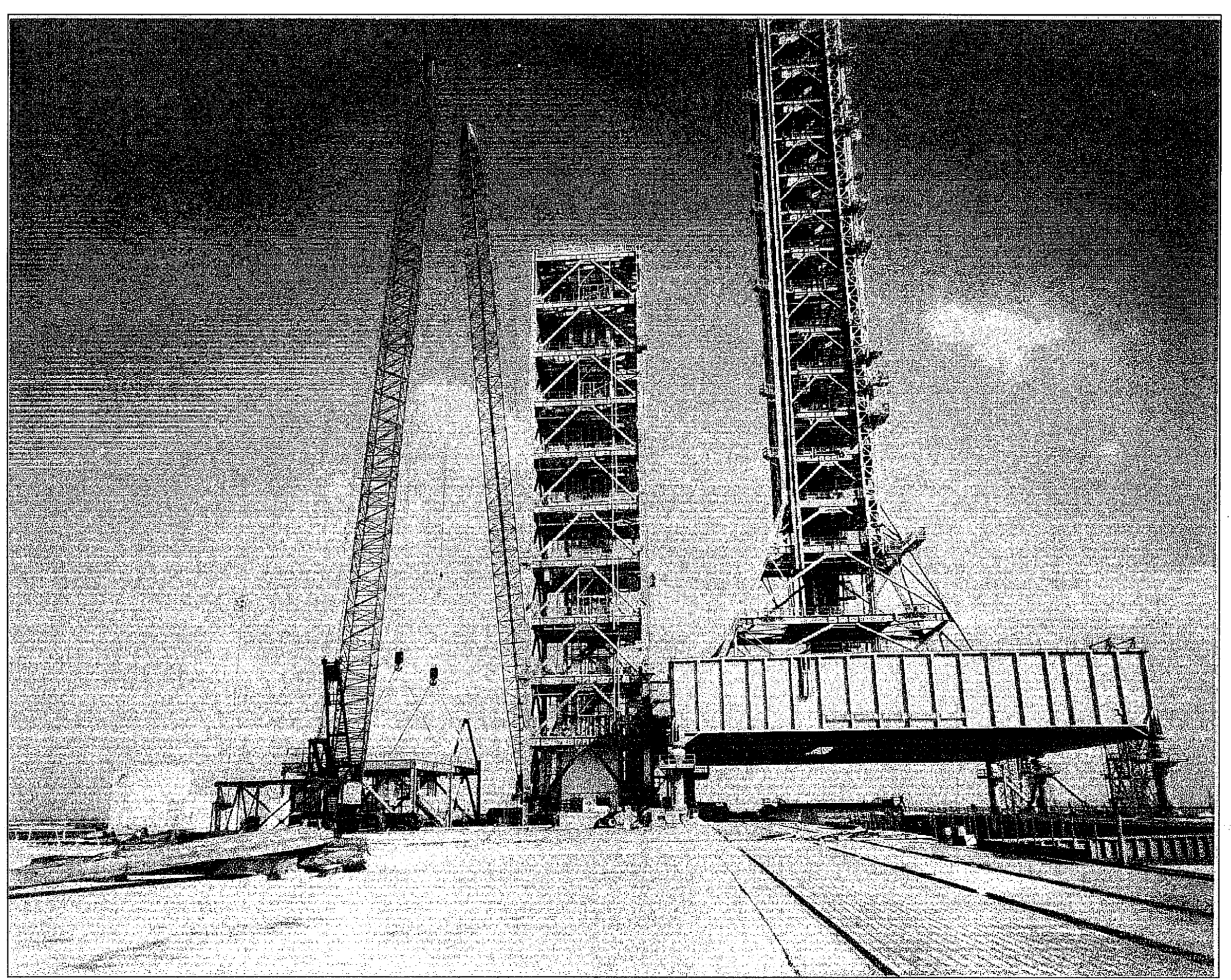
PAD A FSS ELEVATOR SHAFT
NTS - 1976



PAD A FSS ELEVATOR SHAFT
NTS - 1976



PAD A FSS AND ML
NTS - 1976



PAD A FSS CONSTRUCTION
NTS - 1976

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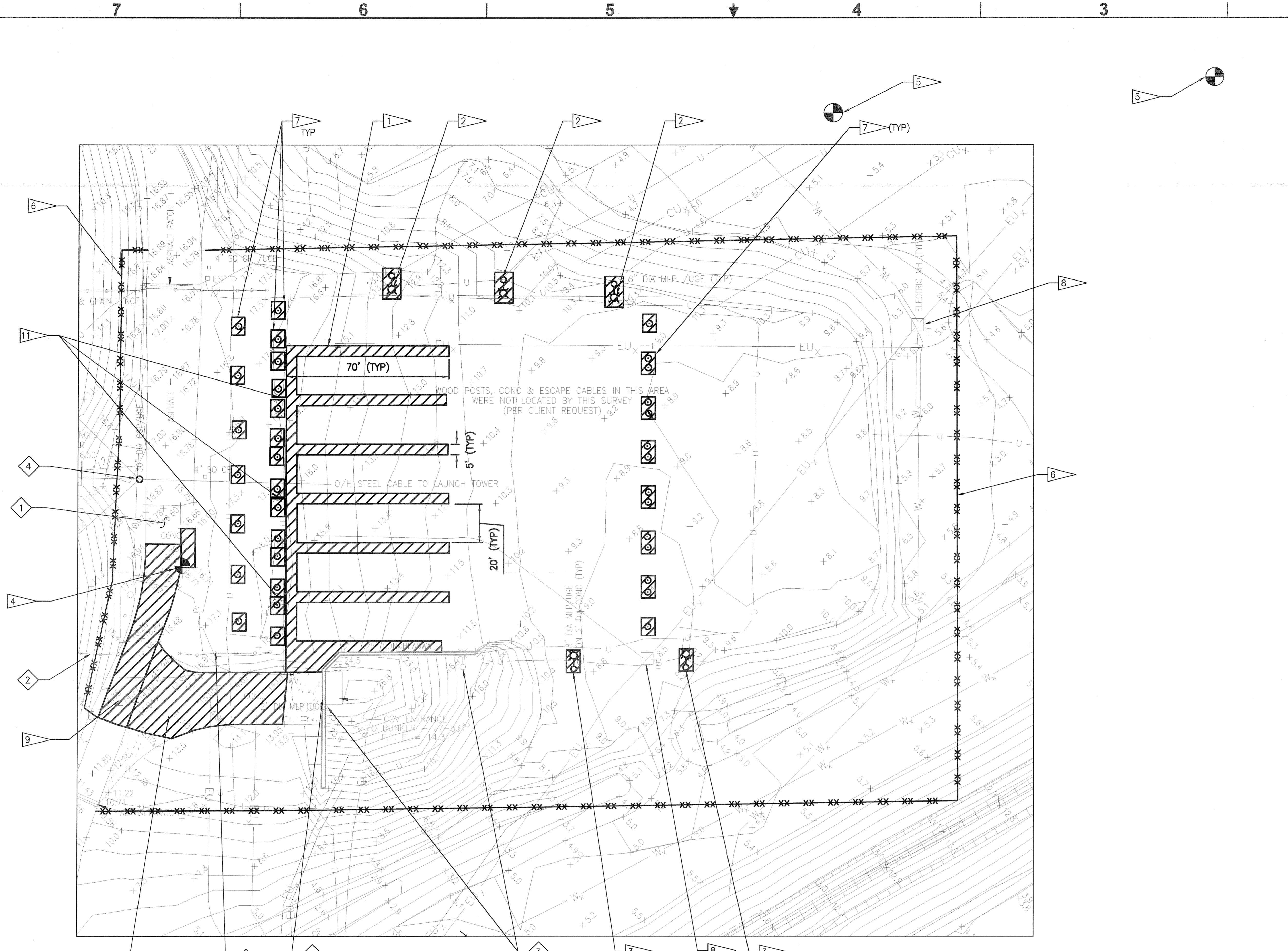
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SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP			KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE HISTORIC CONSTRUCTION PHOTOS OF FSS/RSS 3 OF 3	
S. BHIDE				
DESIGNED		06/24/09		
N. PONTILLO				
SUBMITTED		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
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TITLE		PROJ. NO.	SHEET	
V7		98580	7	

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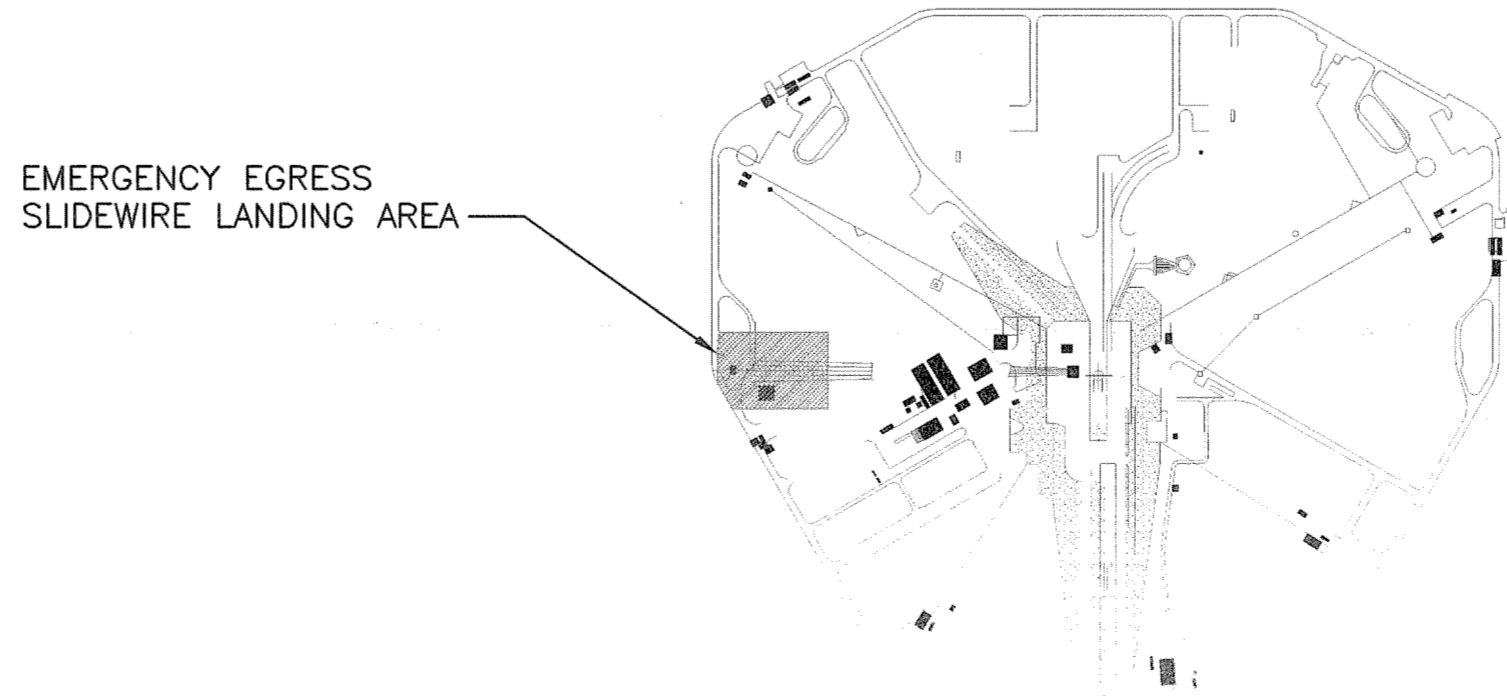


EMERGENCY EGRESS SLIDEWIRE LANDING AREA DEMOLITION PLAN

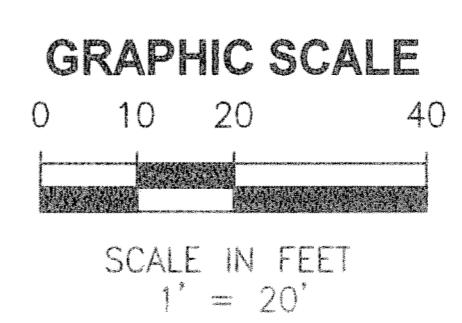
SCALE: 1" = 20'

LEGEND

	DEMOLISH EXISTING
	DOUBLE ROW STAKED SILT FENCE
	EXISTING WATER LINE
	EXISTING UNDERGROUND ELECTRIC
	UNKNOWN UTILITY
	EXISTING UNDERGROUND COMM.



KEY PLAN



GENERAL NOTES

- SEE DEMOLITION NOTES ON SHEET V3 FOR ADDITIONAL INFORMATION.
- FOR DEMOLITION DETAILS SEE SHEET D3 AND D4.
- FOR DISPOSAL REQUIREMENTS SEE SPECIFICATION SECTION 01 57 20.00 10 ENVIRONMENTAL PROTECTION.
- CONTRACTOR SHALL FLAT GRADE, PLACE 6" OF TOP SOIL AND SOD ALL DISTURBED AREAS.
- THE CONTRACTOR SHALL VERIFY THAT THE LIGHT FIXTURE CIRCUITS ARE DE-ENERGIZED, LOCKED OUT AND TAGGED OUT PRIOR TO COMMENCING WORK.
- ALL WORK SHALL COMPLY WITH THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE (NEC), KSC-DE-512-SM REV K AND KSC-STD-E-0009.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES TO REMAIN DURING CONSTRUCTION AND DEMOLITION ACTIVITIES AND SHALL HAND DIG WITHIN FIVE FEET OF AN EXISTING UTILITY.
- THE CONTRACTOR SHALL DISPOSE OF PRESSURE TREATED WOOD AT THE RRMF OR THE BREVARD COUNTY LANDFILL.

FLAG NOTES

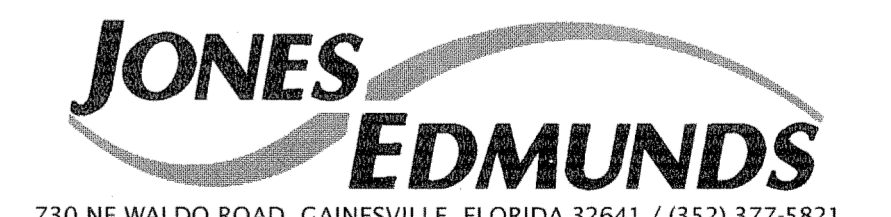
- DEMOLISH EXISTING 4" CONC SIDEWALK.
- SALVAGE EXISTING METAL LIGHTPOST AND LIGHT FIXTURES AND TURN OVER TO THE GOVERNMENT FOR REUSE. COORDINATE WITH CONTRACTING OFFICER. DEMOLISH EXISTING 2" DIAMETER FOUNDATION AND ASSOCIATED ELECTRICAL WIRING AND CONDUIT BACK TO SOURCE PANEL.
- DEMOLISH EXISTING METAL LIGHTPOST 2" DIAMETER FOUNDATION AND ASSOCIATED ELECTRICAL WIRING AND CONDUIT BACK TO THE LIGHT POST AND FIXTURE TO REMAIN.
- DEMOLISH EXISTING BENCHMARK.
- PROTECT EXISTING MONITORING WELL DURING DEMOLITION.
- DOUBLE ROW STAKED SILT FENCE.
- DEMOLISH EXISTING EMERGENCY EGRESS SLIDEWIRE SYSTEM AND ASSOCIATED APPURTENANCES. REFER TO SHEET D2, D3 AND D4 FOR MORE INFORMATION.
- PROTECT EXISTING ELECTRICAL MANHOLE.
- SAWCUT AND DEMOLISH EXISTING ASPHALT PAVEMENT.
- SAWCUT AND DEMOLISH EXISTING CONCRETE PAVEMENT AS SHOWN.
- DEMOLISH EXISTING LIGHT FIXTURES AND ASSOCIATED ELECTRICAL WIRING AND CONDUIT BACK TO SOURCE PANEL. REFER TO SHEET E1 FOR ADDITIONAL INFORMATION.

TO REMAIN

- EXISTING CONCRETE CAMERA PAD
- EXISTING 3" DIA METAL POSTS AND CHAIN
- EXISTING LIGHT POLES AND FIXTURES
- EXISTING LIGHTNING PROTECTION POLE AND GUY WIRES
- BUNKER

THIS SPACE RESERVED

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 S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED D. TOTH	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE EMERGENCY EGRESS SLIDEWIRE LANDING AREA DEMOLITION PLAN
DESIGNED J. DU QUESNE	06/24/09	
APPROVED <i>[Signature]</i>	6/24/09	

D1	TITLE	DATE	SIZE	DWG. NO.	REV
		6/24/09	F	222W2200001	
			PROJ. NO. 98580		SHEET 8

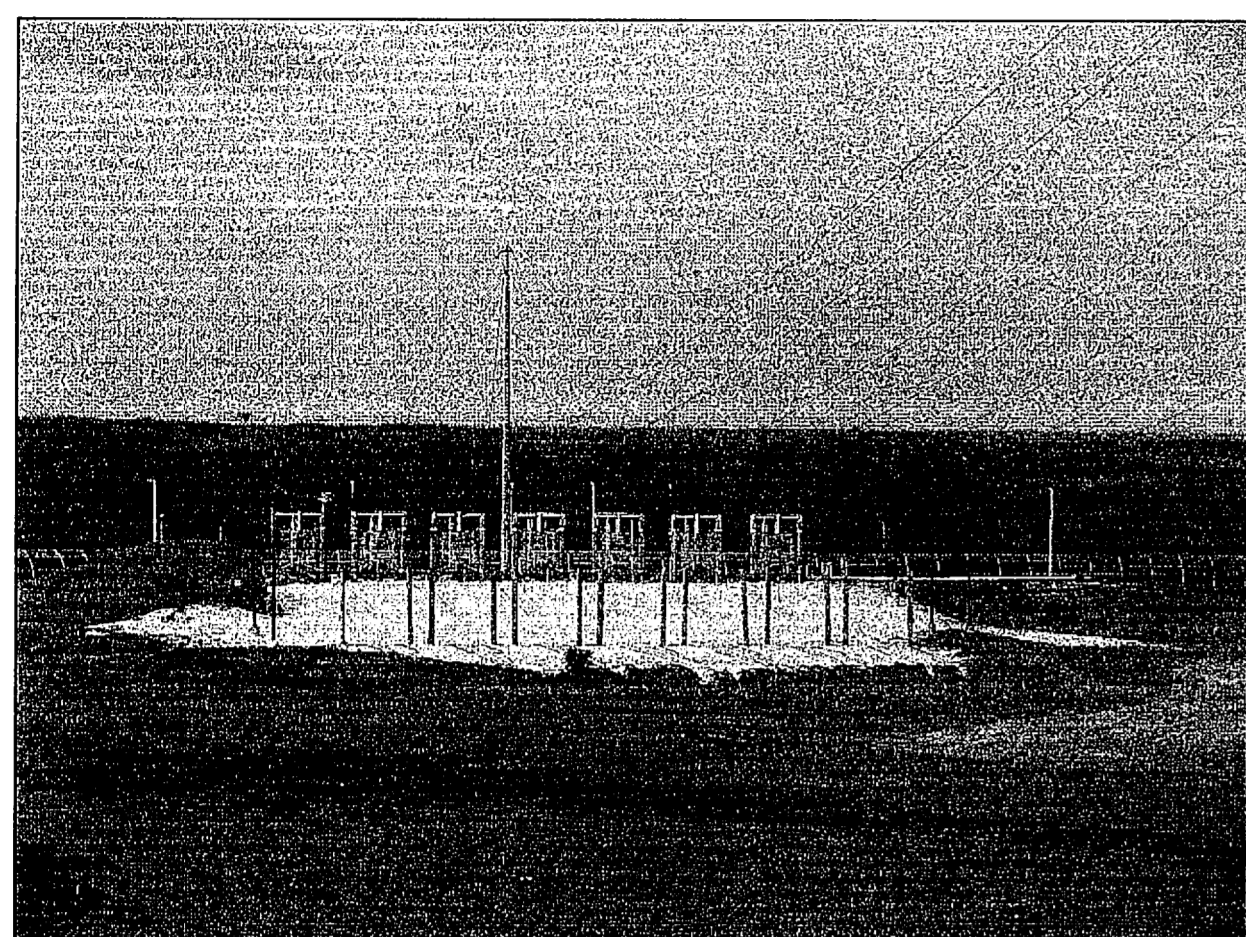
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GENERAL NOTES

1. SEE D1 - EMERGENCY EGRESS SLIDEWIRE LANDING AREA - FOR DEMOLITION PLAN.
2. CONTRACTOR SHALL PROVIDE TEMPORARY STEEL SHEET PILING TO PREVENT TRENCH EXCAVATION FROM UNDERMINING ADJACENT EQUIPMENT PADS AND ASPHALT PAVEMENT.

FLAG NOTES

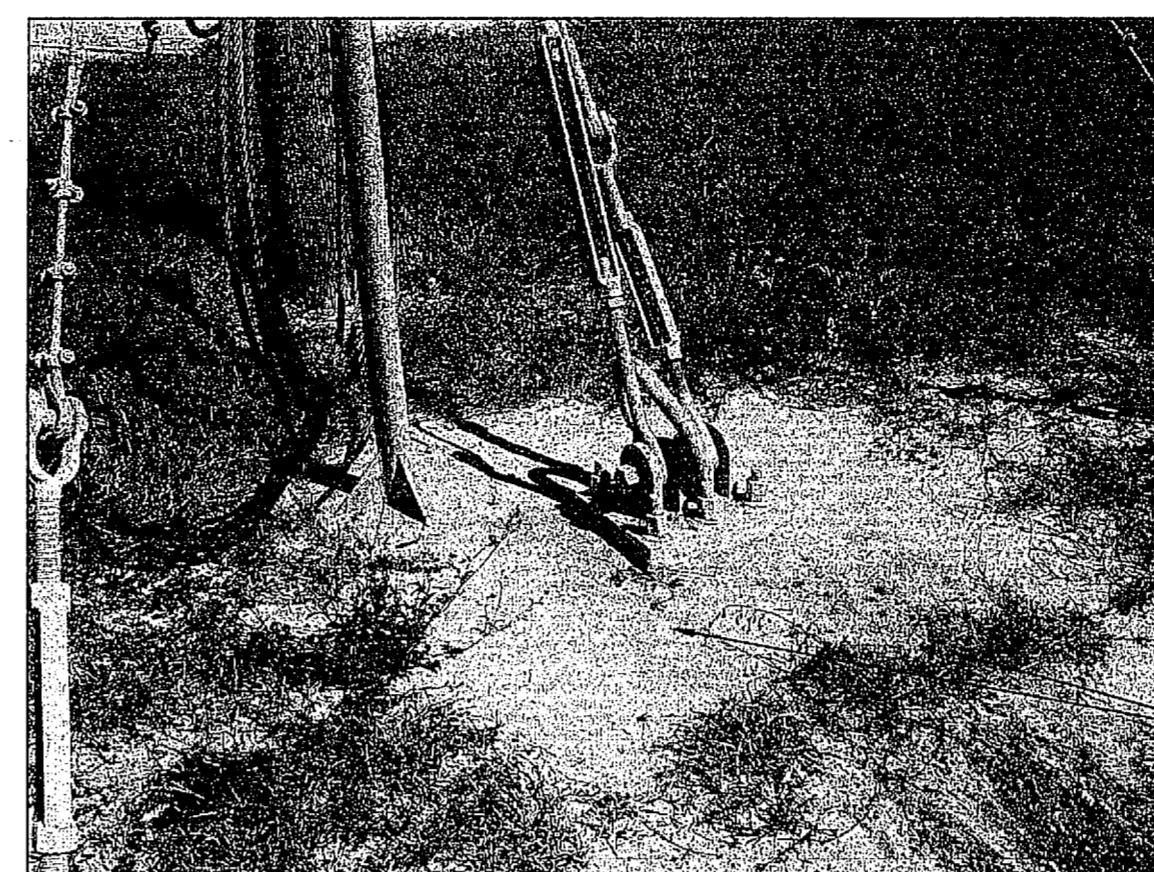
- 1 DEMOLISH EXISTING CONCRETE ANCHOR AND GRADE BEAM. SEE DETAIL $\frac{1}{D3}$
- 2 DEMOLISH EXISTING SLIDEWIRE SYSTEM POSTS, WIRES, NETTING, AND ASSOCIATED APPURTENANCES. SEE DETAIL $\frac{1}{D4}$ $\frac{1}{D3}$
- 3 DEMOLISH EXISTING SLIDEWIRE LANDING SYSTEM CHAINS AND ASSOCIATED APPURTENANCES. SEE DETAIL $\frac{1}{D4}$
- 4 DEMOLISH EXISTING SLIDEWIRE LANDING SYSTEM 5 FOOT CONCRETE WALKWAY.
- 5 DEMOLISH EXISTING METAL LIGHTPOST FOUNDATION, 2' SQUARE AND ASSOCIATED ELECTRICAL WIRING AND CONDUIT BACK TO THE SOURCE.
- 6 DEMOLISH EXISTING LIGHT FIXTURES AND ASSOCIATED ELECTRICAL WIRING AND CONDUIT BACK TO SOURCE.



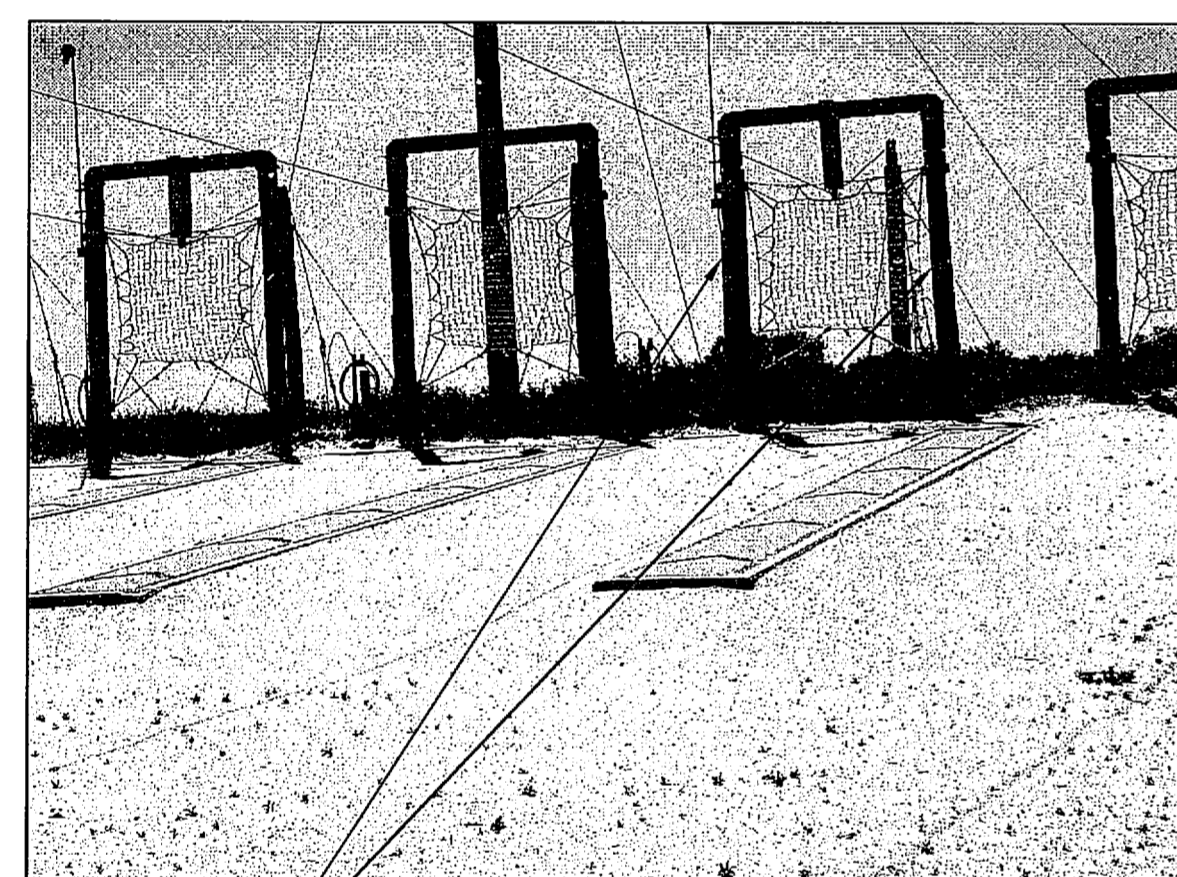
EMERGENCY EGRESS SAND PIT



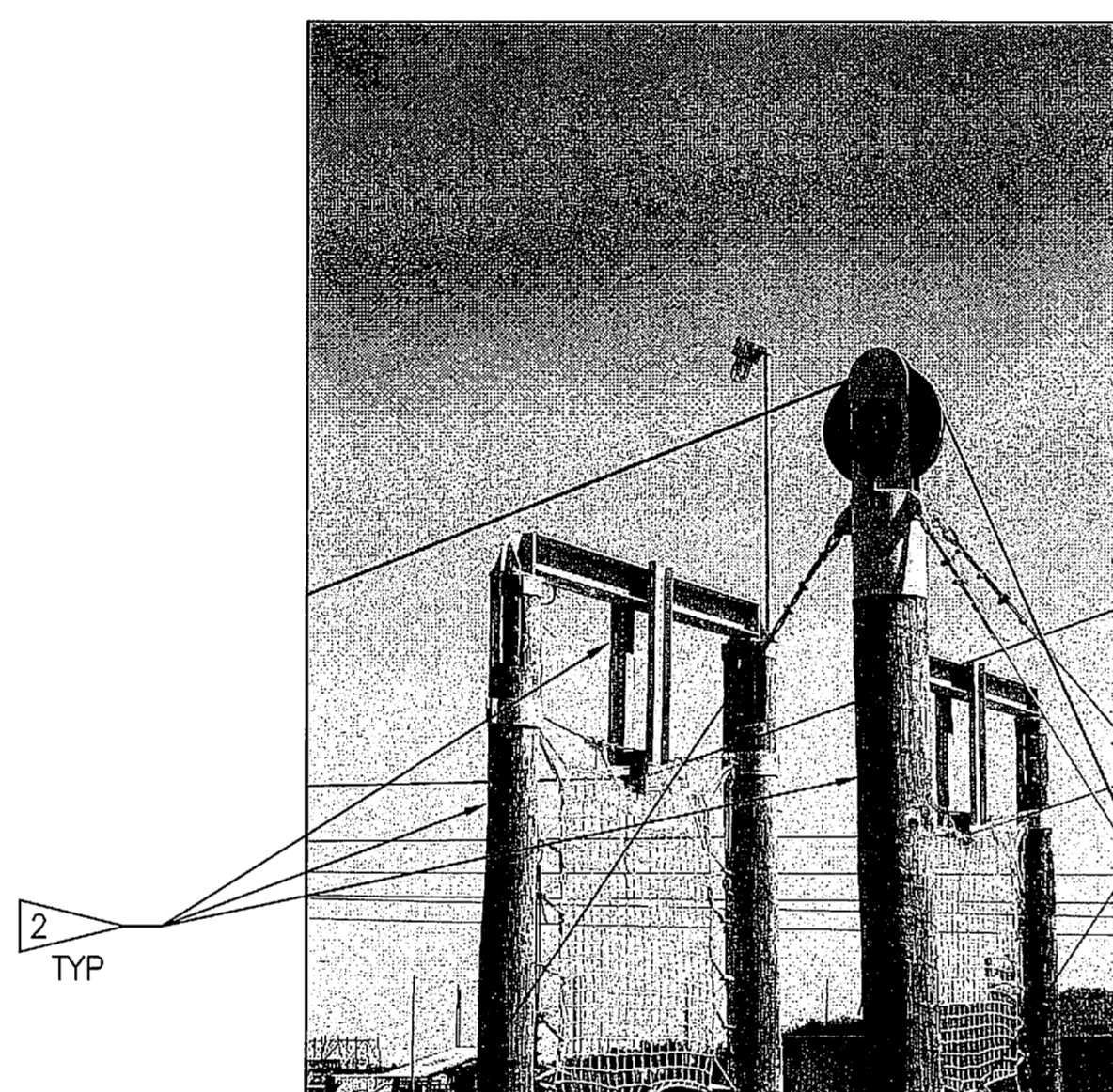
EMERGENCY EGRESS SAND PIT FROM FSS



EGRESS SYSTEM CONCRETE ANCHOR



SLIDEWIRE CATCHMENT SYSTEM



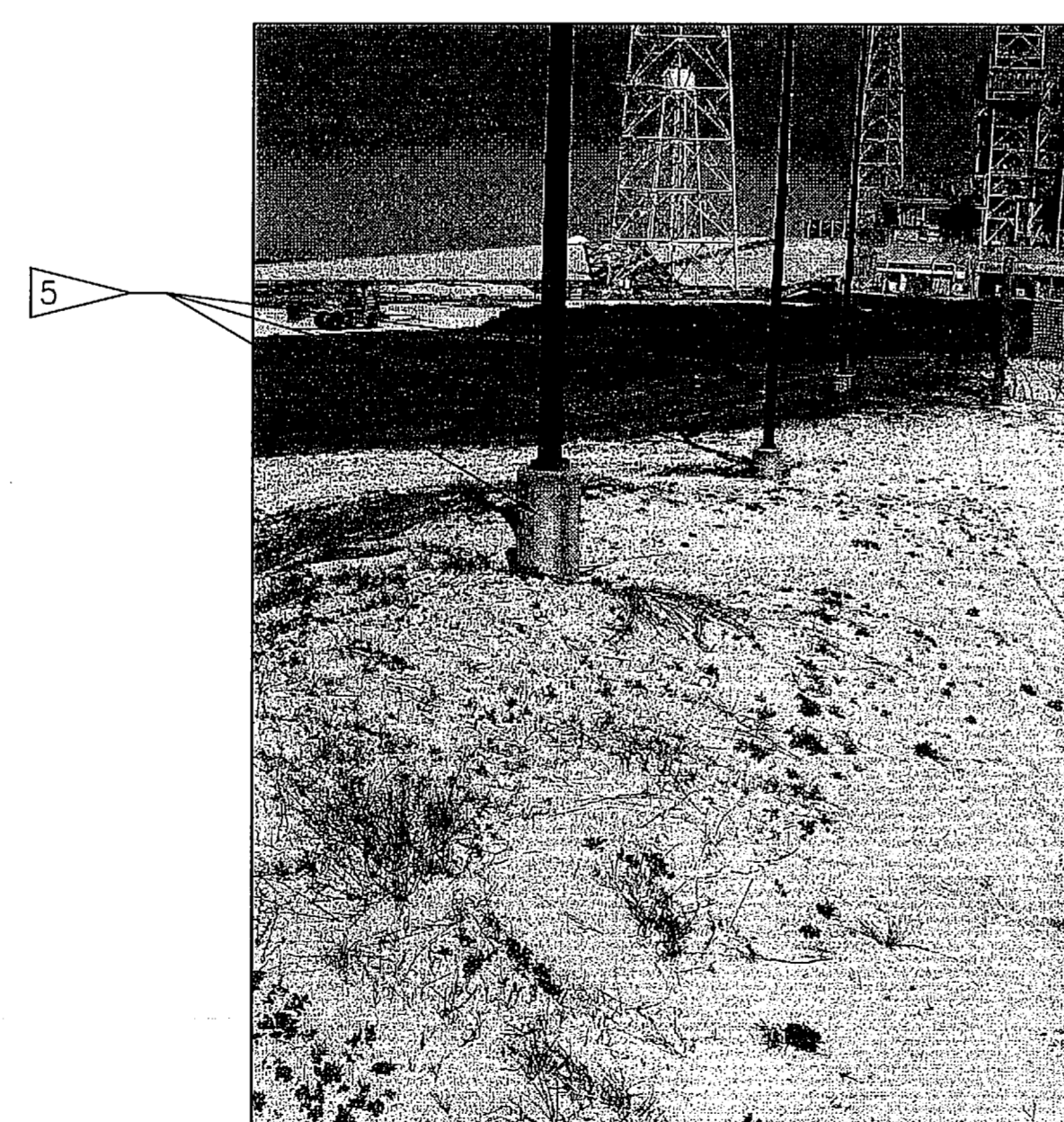
SLIDEWIRE CATCHMENT SYSTEM



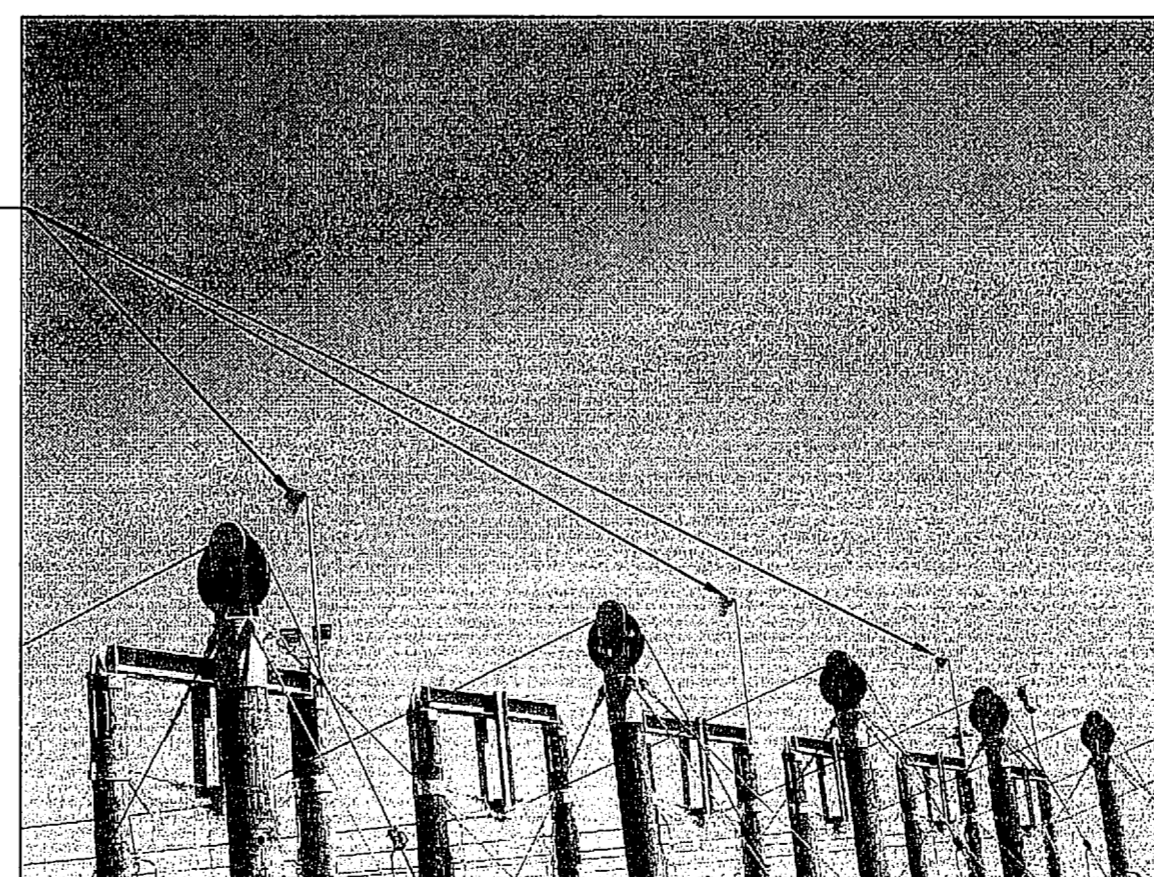
SLIDEWIRE CATCHMENT SYSTEM



SLIDEWIRE CATCHMENT SYSTEM



LIGHTPOST FOUNDATION



SLIDEWIRE CATCHMENT SYSTEM

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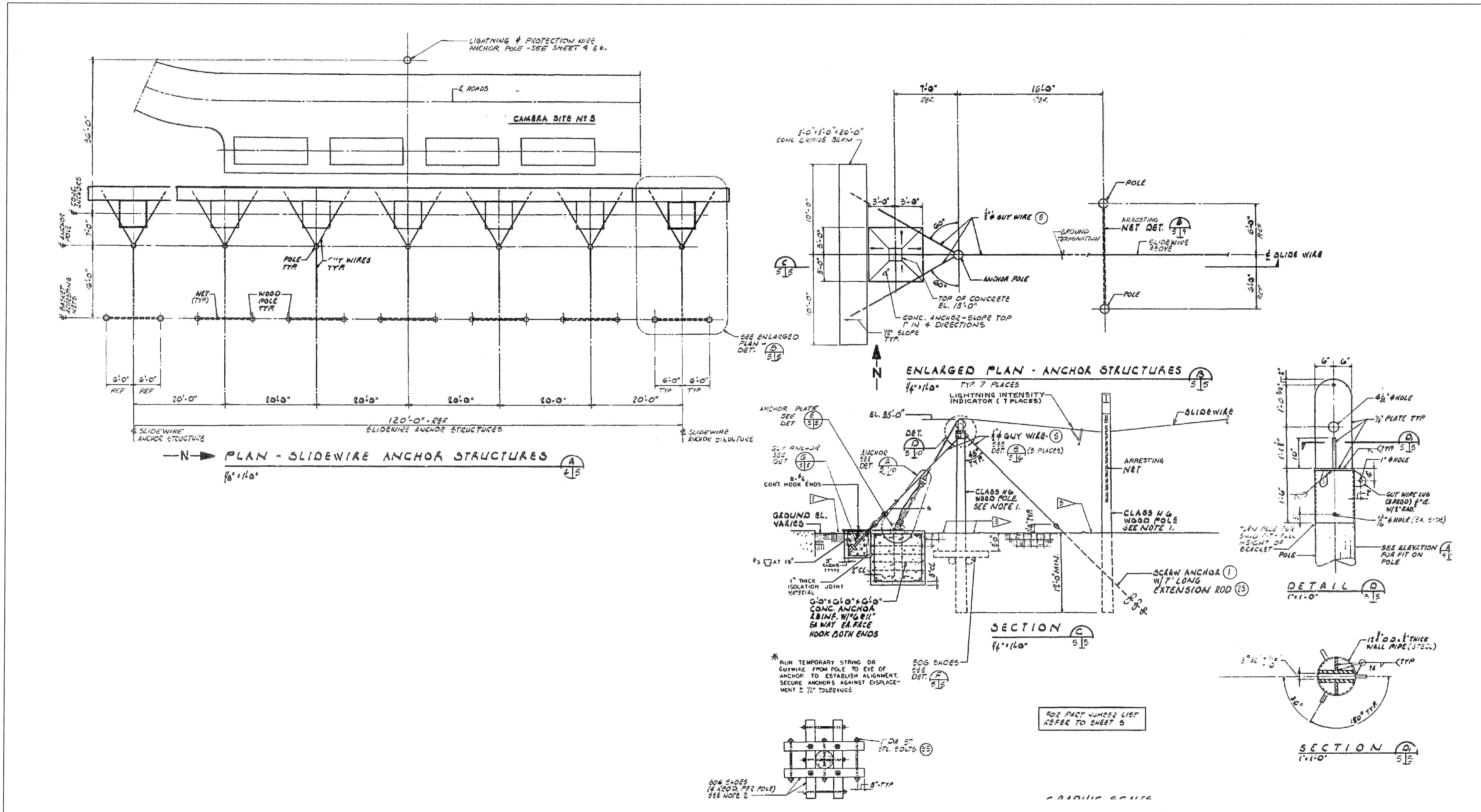
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE EMERGENCY EGRESS SLIDEWIRE LANDING AREA PHOTOS
DRAWN S. HAFERKAMP	06/24/09	
CHECKED D. TOTH	06/24/09	
DESIGNED J. DU QUESNE	06/24/09	
SUBMITTED	6/24/09	
APPROVED	DATE	

D2	SIZE F	DWG. NO. 222W2200001	REV
TITLE	PROJ. NO. 98580	SHEET 9	

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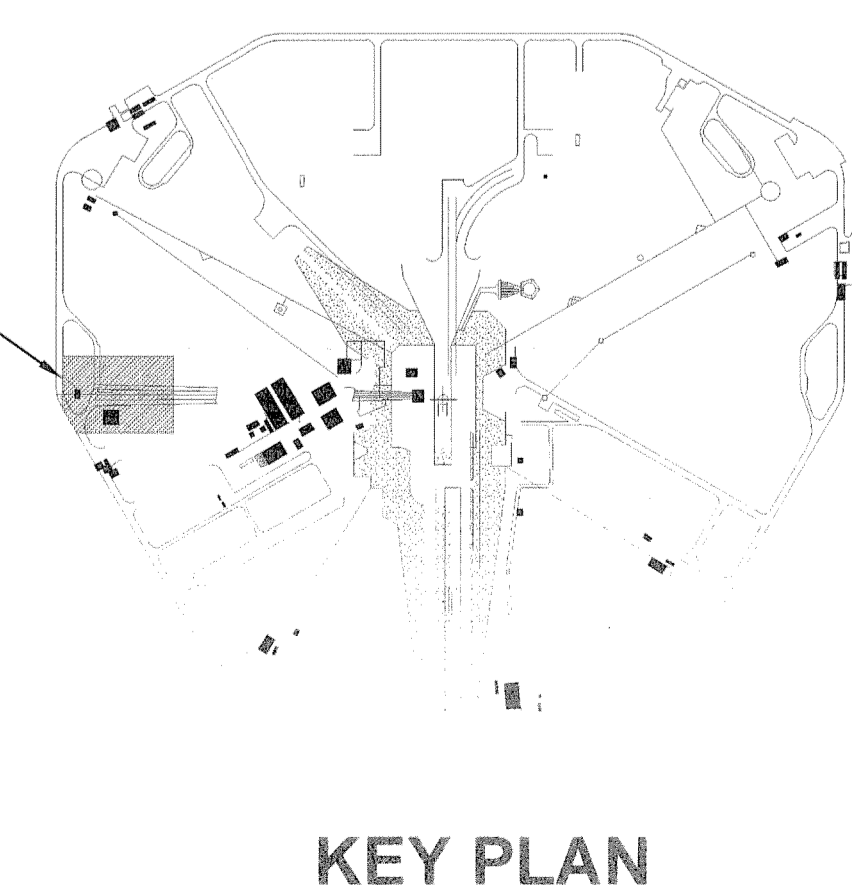
GENERAL NOTES

- DEMOLISH ALL WOOD POLES, ASSOCIATES STEEL MEMBERS, CONCRETE ANCHORS, GUY WIRES, AND NETTING. SEE D1 - EMERGENCY EGRESS SLIDEWIRE LANDING AREA - FOR DEMOLITION PLAN.
- CONTRACTOR SHALL PROVIDE TEMPORARY STEEL SHEET PILING TO PREVENT TRENCH EXCAVATION FROM UNDERMINING ADJACENT EQUIPMENT PADS AND ASPHALT PAVEMENT.



SLIDEWIRE ANCHOR STRUCTURES 1
 NTS - SOURCE FILE 80K29957 SHEET 5 D1, D2

FOR PART NUMBERS LIST REFER TO SHEET 5



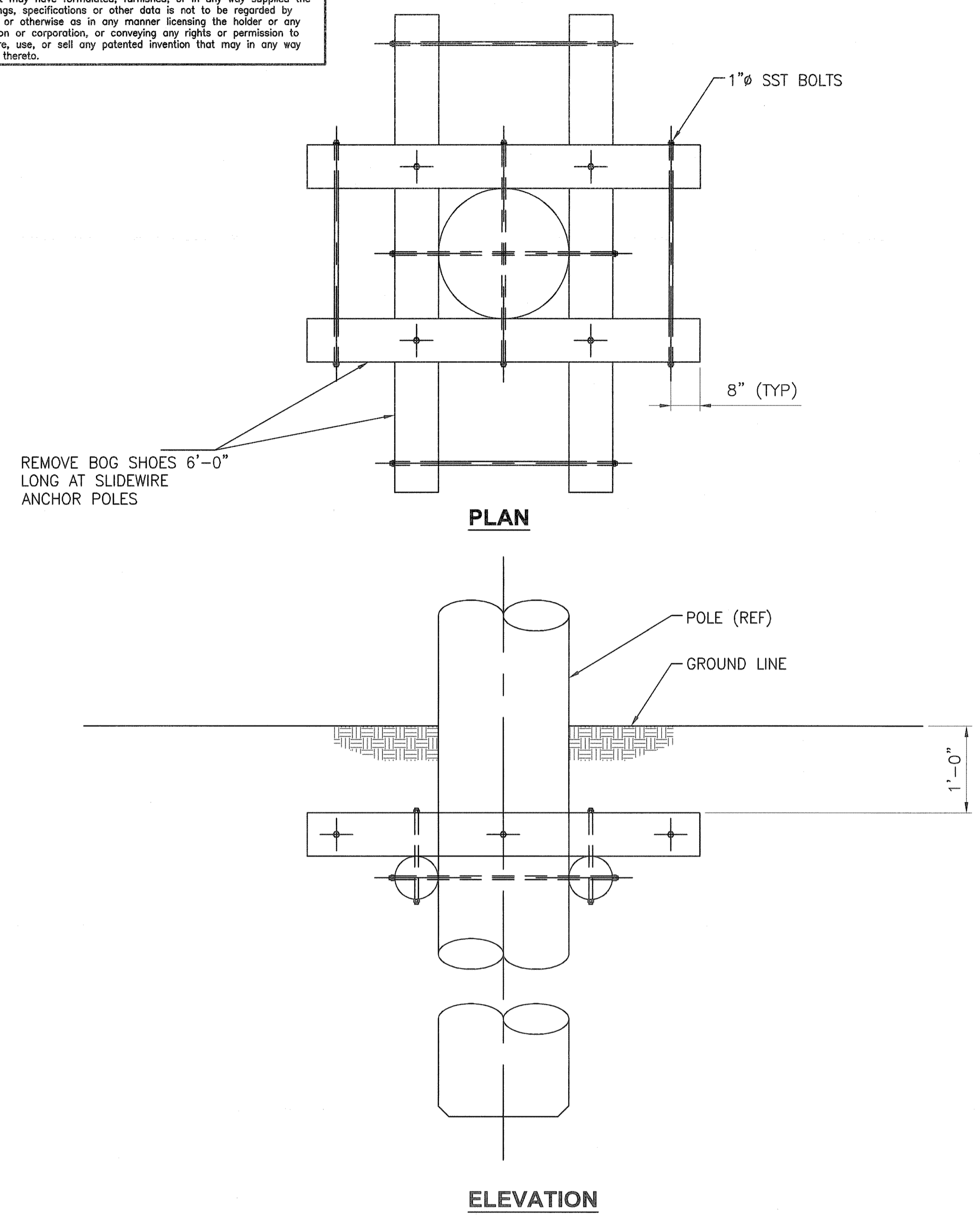
KEY PLAN

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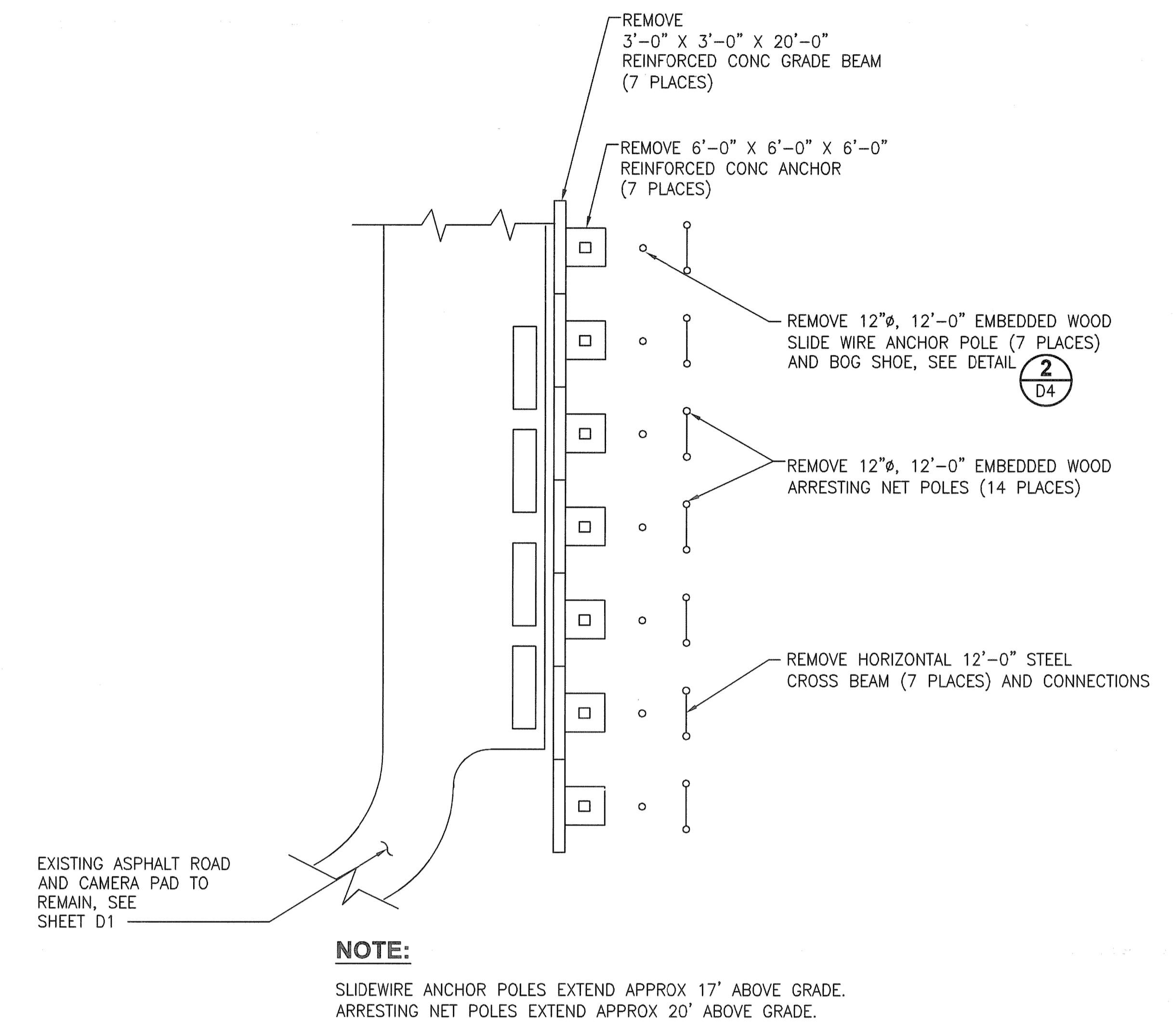
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REVISIONS				
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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE		
DESIGNED N. PONTILLO	06/24/09	EMERGENCY EGRESS SLIDEWIRE LANDING AREA		
SUBMITTED [Signature]	06/24/09			
APPROVED [Signature]	06/24/09	SIZE F	DWG. NO. 222W2200001	REV
D3	TITLE	PROJ. NO. 98580	SHEET 10	

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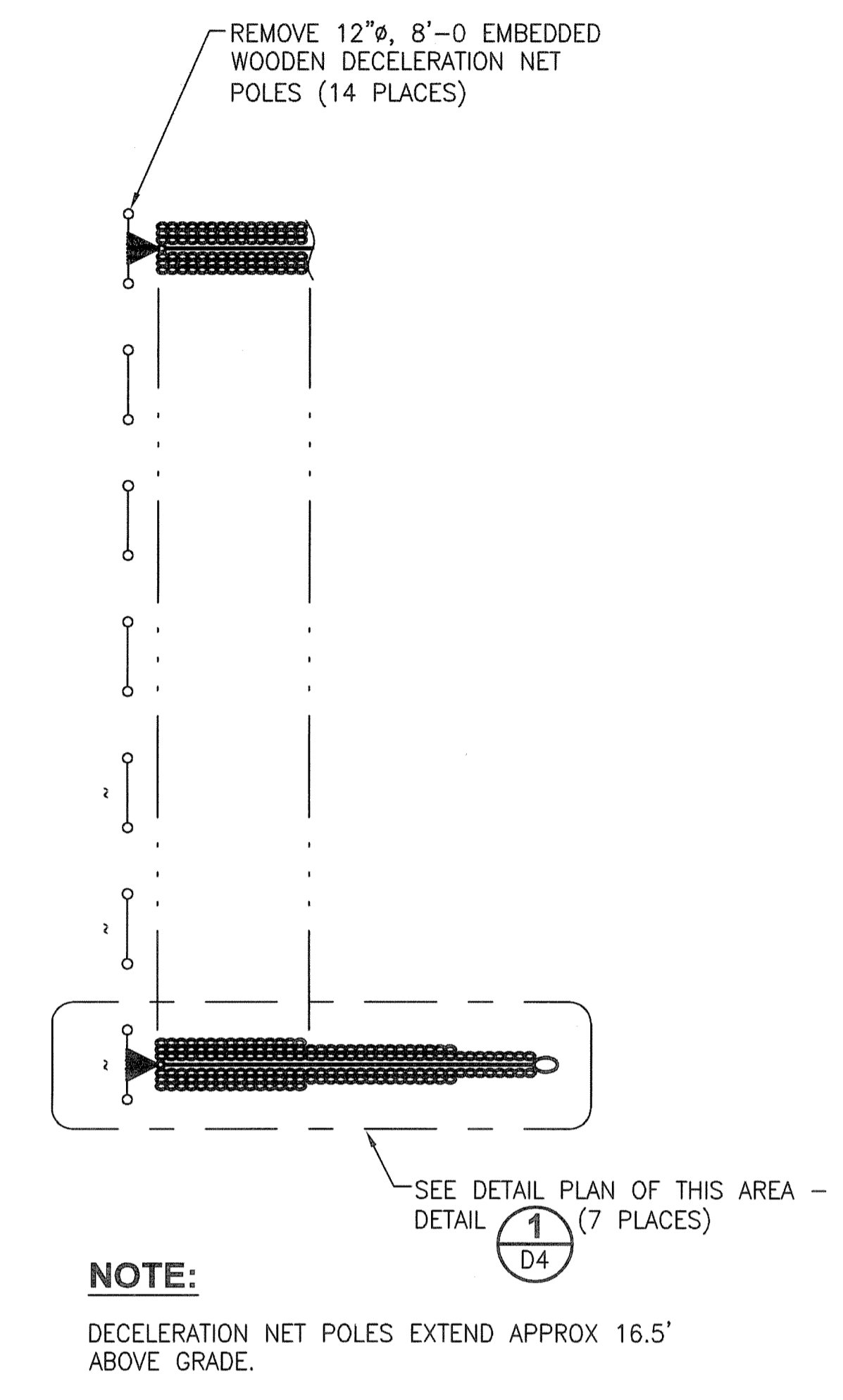
- NOTES:**
- SEE DEMOLITION NOTES ON SHEET V3 FOR ADDITIONAL INFORMATION.
 - DIMENSIONS SHOWN ARE FOR REFERENCE ONLY AND SHOULD BE VERIFIED BY THE CONTRACTOR.
 - FOR DISPOSAL REQUIREMENTS SEE SPECIFICATION SECTION 01 57 20.00 10 ENVIRONMENTAL PROTECTION.
 - FOR DEMOLITION REQUIREMENTS SEE SPECIFICATION SECTIONS 02 41 00 DEMOLITION.



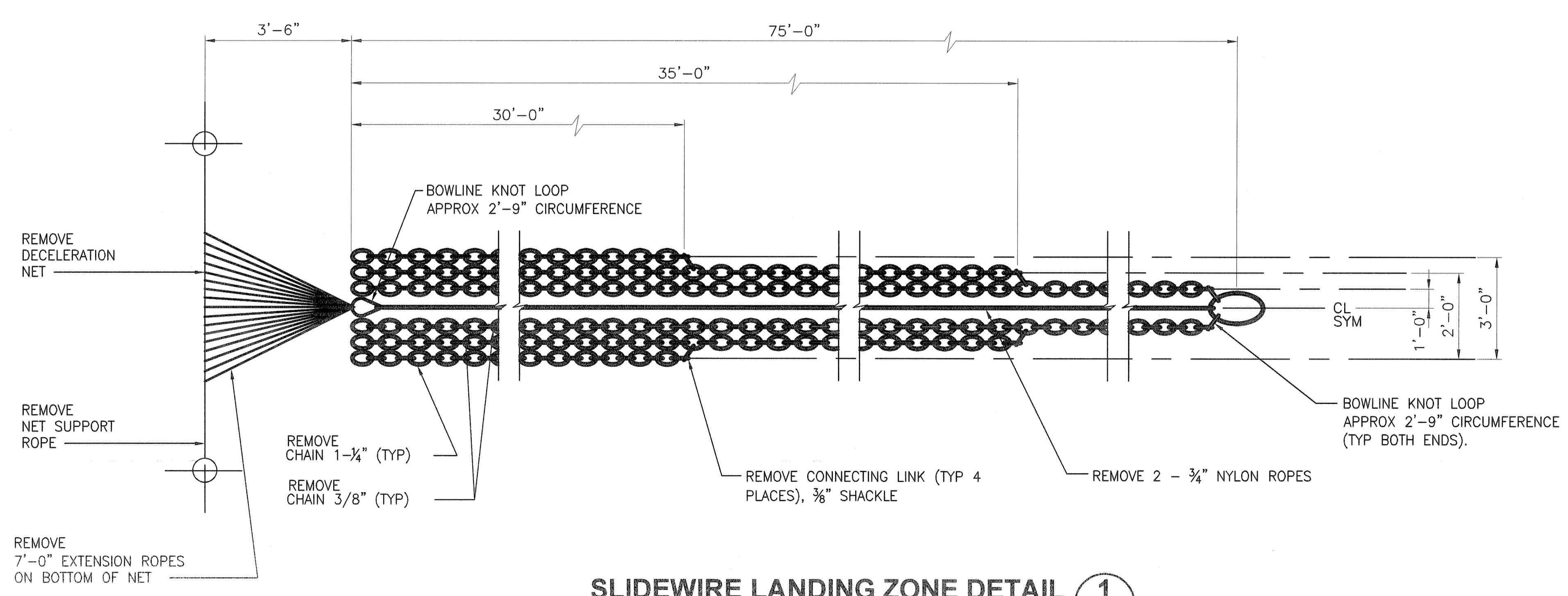
BOG SHOE DETAIL 2
NTS D2,D4



SLIDEWIRE LANDING ZONE PLAN
NTS



NOTE:
DECELERATION NET POLES EXTEND APPROX 16.5' ABOVE GRADE.



SLIDEWIRE LANDING ZONE DETAIL 1
NTS D2,D4

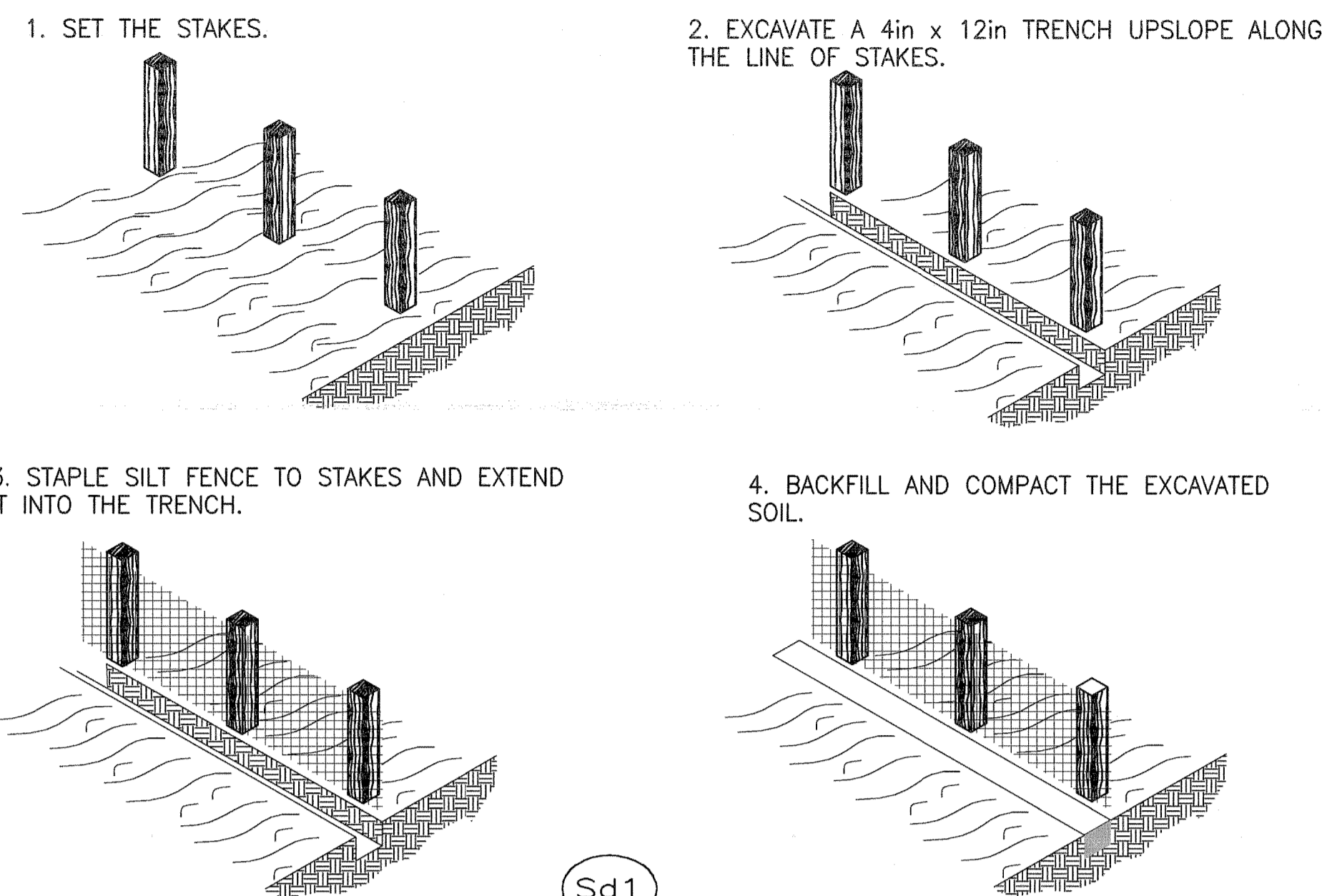
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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED D. TOTH	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE		
DESIGNED J. DU QUESNE	06/24/09	EMERGENCY EGRESS SLIDEWIRE LANDING AREA DETAILS		
APPROVED	DATE	SIZE	DWG. NO.	REV
<i>[Signature]</i>	6/24/09	F	222W2200001	
TITLE	PROJ. NO.	SHEET		
D4	98580	11		

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SEDIMENT AND EROSION CONTROL NOTES

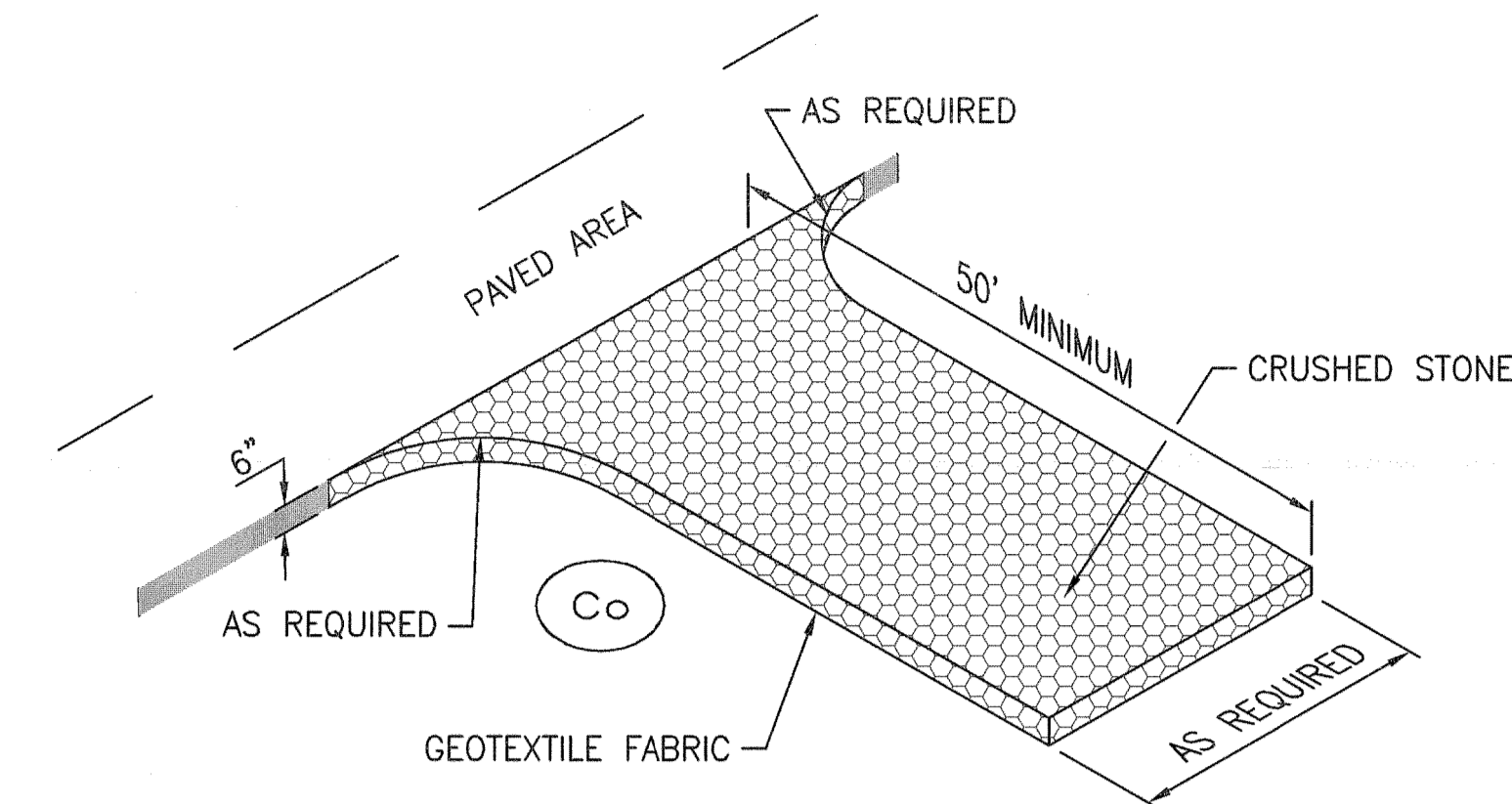
1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE IF NOT ALL REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 12" BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 3/8" OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
6. 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.
7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.
8. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH RAINFALL. IT MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
9. ANY SEDIMENT DEPOSITS REMAINING IN PLACE, AFTER THE FILTER BARRIERS AND SILT FENCES ARE NO LONGER REQUIRED, SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
10. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
11. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR SHOULD BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED IMMEDIATELY.
12. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
13. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED 1/3 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.
14. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND SWALES AS WELL AS PROVIDE MEASURES TO PREVENT SILTATION OF STORMWATER TREATMENT SYSTEMS AND CONTROL STRUCTURES DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL UTILIZE WHATEVER MEANS NECESSARY TO MANAGE STORMWATER SUCH THAT IMPACT TO CONSTRUCTION IS MINIMIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK, INCLUDING PROVIDING EQUIPMENT, LABOR, FILL, ETC. NECESSARY TO REMEDIATE AND/OR RESTORE ALL AREAS IMPACTED BY EROSION, RUNOFF, AND STORMWATER.
15. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION (F.D.E.R.) CHAPTER 6.
16. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAILS (THIS SHEET) FOR TYPICAL CONSTRUCTION.
17. SOD SHALL BE PLACED IN AREAS WHICH REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITIES ARE MAINTAINED.
18. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL SHALL REMAIN IN PLACE UNTIL AFTER COMPLETION OF CONSTRUCTION, AND REMOVED ONLY WHEN AREAS HAVE BEEN STABILIZED.
19. 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.



CONSTRUCTION OF A SILT FENCE

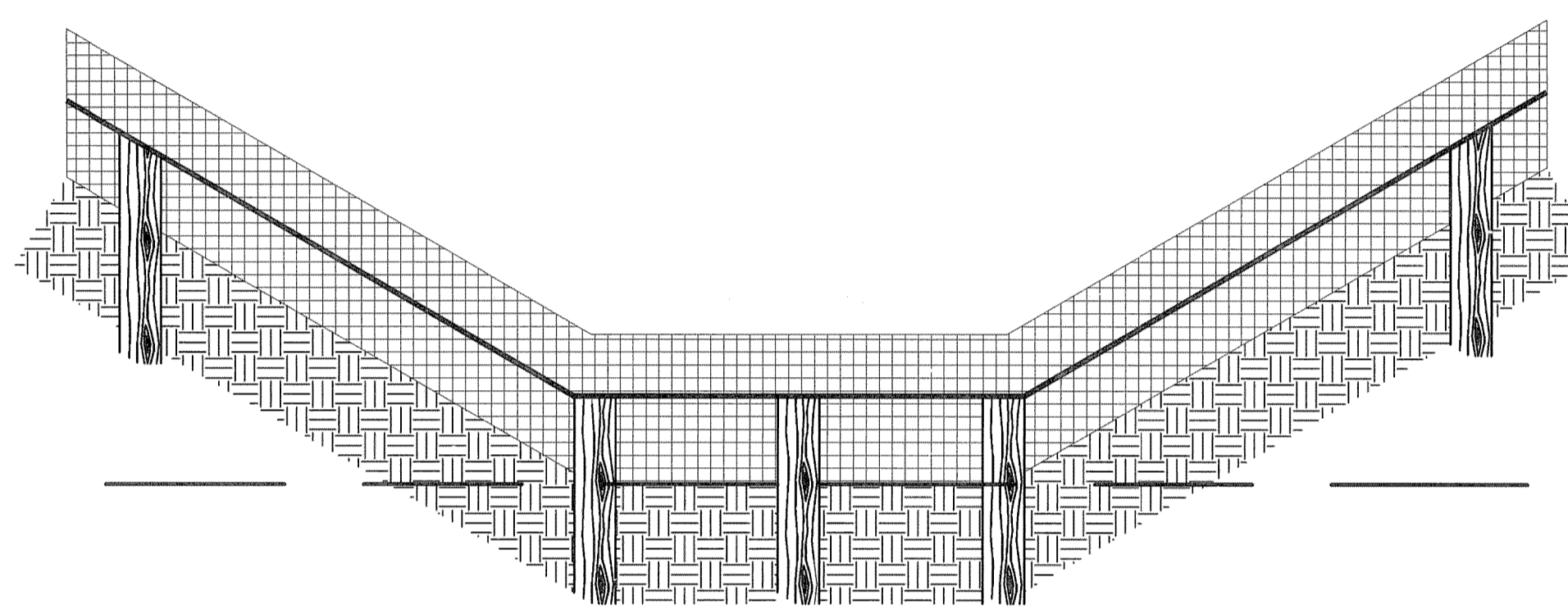
Sd1

NTS



STABILIZED CONSTRUCTION ENTRANCE

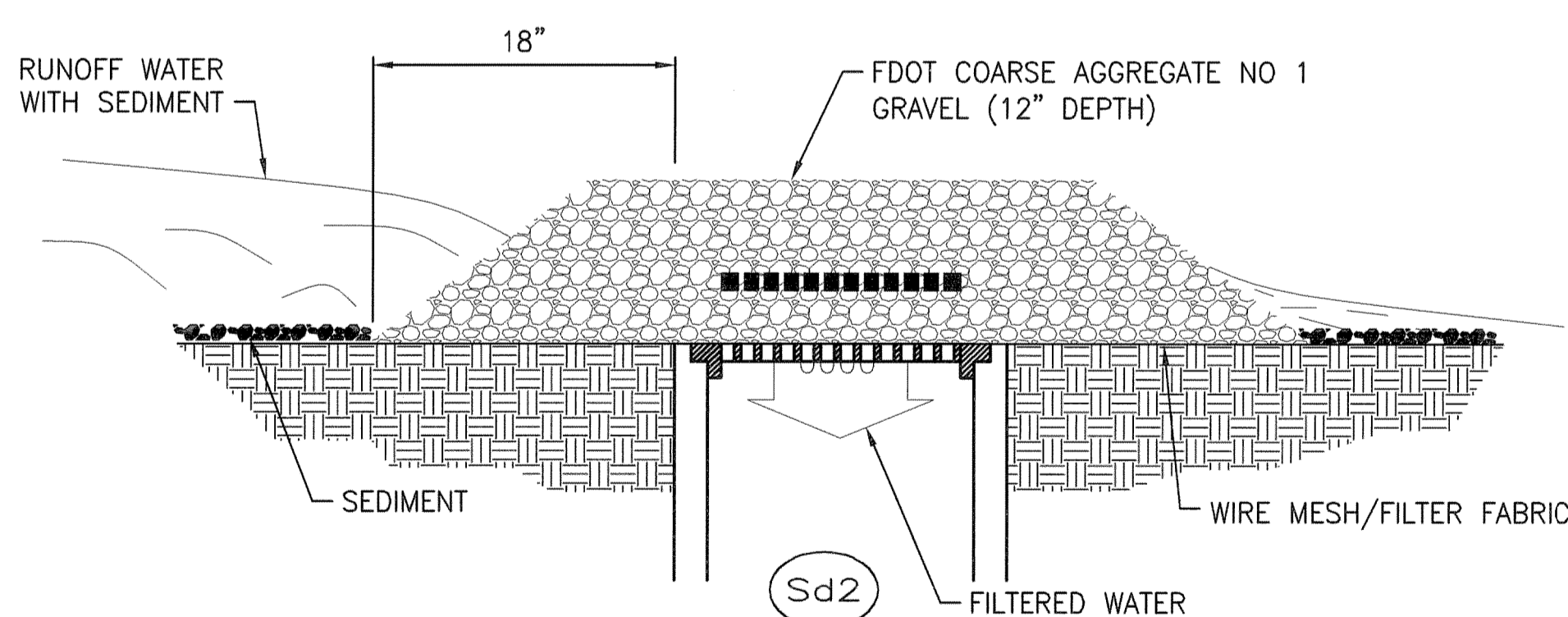
NTS



PROPER PLACEMENT OF A SILT FENCE IN A DRAINAGE WAY

NTS

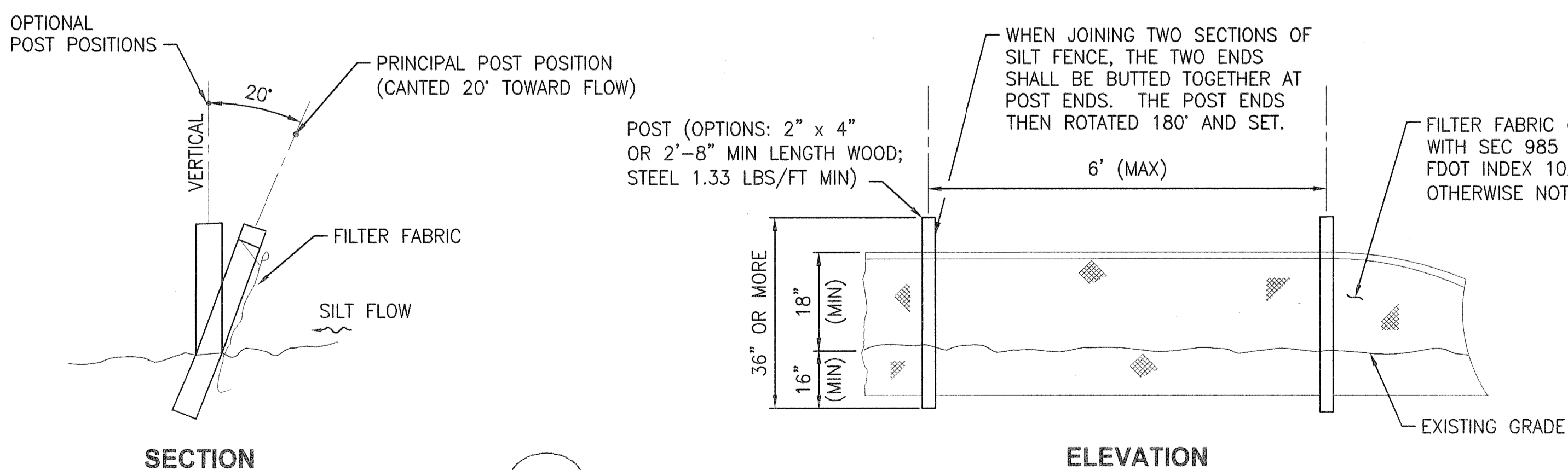
Sd1



GRAVEL AND MESH DROP INLET SEDIMENT FILTER

Sd2

NTS



SECTION

ELEVATION

Sd1

TYPICAL SILT FENCE

NTS

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SIGNATURES		DATE		
DRAWN		DATE		
S. HAFERKAMP		06/24/09		
CHECKED		DATE		
D. TOTH		06/24/09		
DESIGNED		DATE		
J. DU QUESNE		06/24/09		
SUBMITTED		DATE		
[Signature]		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	REV
D5		98580	12	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHN F. KENNEDY SPACE CENTER, NASA
KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
FSS/RSS AT LAUNCH COMPLEX 39B,
DEMOLITION PACKAGE
EROSION CONTROL DETAILS**

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ASBESTOS SCHEDULE

ROOM NUMBER	MATERIAL TYPE	ASBESTOS	FRIABLE	CONDITION	QUANTITY	UNIT	LOCATION	COMMENTS	REPORT BY
J7-0337 - LAUNCH PAD 39B									
BOILER RM, EXTERIOR	ELECTRICAL MATERIALS (WIRE)	YES	NO	GOOD	8	LF	FLOOR	ELECTRICAL WIRE INSULATION	AMIS
BOILER RM, EXTERIOR	TANK/BOILER/CHILLER INSULATION (BLOCKS/MOLDED)	YES	YES	DAMAGED	30	LF	CEILING	BOILER FLUE INSULATION	AMIS
FSS LVL 195	DUCT/HVAC MATERIALS (CAULK, MASTIC)	NO	NO	DAMAGED	4	LF	CEILING	WHITE MASTIC/CLOTH OVER FOAM	AMIS
FSS LVL 195	DUCT/HVAC MATERIALS (GASKET)	NO	NO	GOOD	2	SF	CEILING	BLACK DUCT GASKET	AMIS
FSS LVL 195	PIPE INSULATION, STRAIGHT (FIBERGLASS)	NO	YES	GOOD	20	LF	FLOOR/CEILING	METAL WRAPPED HEATER CYLINDER OFF WHITE FIBERGLASS	AMIS
FSS LVL 195	PIPE INSULATION, STRAIGHT (GLASS, FOAM)	NO	YES	GOOD	20	LF	FLOOR/CEILING	HEATER PIPE INSULATION	AMIS
RSS PCR	CEILING MATERIALS (SPACKLE/JOINT COMPOUND)	NO	NO	GOOD	0	N/A	N/A	CEILING MASTIC	AMIS
RSS PCR	DUCT/HVAC MATERIALS (CAULK, MASTIC)	NO	NO	GOOD	0	N/A	N/A	DUCT MASTIC	AMIS
RSS PCR	DUCT/HVAC MATERIALS (CAULK, MASTIC)	YES	NO	GOOD	10	SF	N/A	BROWN/RED DUCT MASTIC	AMIS
RSS PCR	DUCT/HVAC MATERIALS (FIBERGLASS)	NO	NO	GOOD	0	N/A	N/A	DUCT INSULATION	AMIS
RSS LVL 117	PIPE INSULATION, STRAIGHT (FIBERGLASS)	YES	NO	GOOD	50	LF	N/A	BLACK MASTIC ON FIBERGLASS	AMIS
FSS AND RSS	MISCELLANEOUS MATERIALS (INSULATION)	NO	NO	DAMAGED	200,000	LF	WALL / CEILING	BLACK INSULATION ON ELECTRICAL WIRING	JONES EDMUNDS
FSS AND RSS	MISCELLANEOUS MATERIALS (WRAP)	NO	NO	DAMAGED	200,000	LF	WALL / CEILING	SILVER WRAP ON ELECTRICAL WIRING	JONES EDMUNDS
FSS LVL 115	CORRUGATED PANELS	NO	NO	GOOD	10,000	SF	WALL	CORRUGATED METAL PANELS, MASTIC, PAINT	JONES EDMUNDS
FSS LVL 203 (ET/IT PLATFORM)	MISCELLANEOUS MATERIALS (GASKET)	NO	NO	DAMAGED	200	EA	CEILING	HVAC BLACK GASKET	JONES EDMUNDS
FSS LVL 203 (ET/IT PLATFORM)	HVAC DUCT INSULATION	NO	YES	GOOD	200	LF	CEILING	WHITE MASTIC, WRAP, INSULATION	JONES EDMUNDS
FSS LVL 203 (ET/IT PLATFORM)	MISCELLANEOUS MATERIALS (GASKET)	NO	NO	DAMAGED	12	EA	CEILING	HVAC BLACK GASKET	JONES EDMUNDS
FSS LVL 95	MISCELLANEOUS MATERIALS (MASTIC)	NO	NO	DAMAGED	126	SF	FLOOR	PINK AND GRAY MASTIC ON FLOOR	JONES EDMUNDS
FSS LVL 95	MISCELLANEOUS MATERIALS (INSULATION)	NO	YES	DAMAGED	448	SF	FLOOR	SPRAYED INSULATION ON INTERIOR OF STORAGE CONTAINER	JONES EDMUNDS
FSS	ELEVATOR DOORS	NO	NO	GOOD	800	SF	WALL	FIBERGLASS, EPOXY	JONES EDMUNDS
FSS PAD SURFACE	VALVES ELBOWS AND TEES	NO	YES	GOOD	100	LF	WALL	OFF-WHITE MASTIC, FOAM GLASS, WRAP	JONES EDMUNDS
FSS PAD SURFACE	MISCELLANEOUS MATERIALS (GASKET)	YES	NO	GOOD	4	EA	WALL	GASKET AT FLANGED JOINT ON HIGH PRESSURE LINE	JONES EDMUNDS
FSS/RSS	ASSUMED BRAKE SHOES	YES	NO	GOOD	18	EA	FLOOR	BRAKE SHOES ON WINCHES	JONES EDMUNDS
PAD SURFACE	MISCELLANEOUS MATERIALS (BLDG. SEAL)	NO	NO	GOOD	40	LF	FLOOR/CEILING	CREAM BUILDING SEAL	JONES EDMUNDS
RSS	CORRUGATED PANELS	NO	NO	GOOD	7,500	SF	WALL	CORRUGATED METAL PANELS, MASTIC, PAINT	JONES EDMUNDS
RSS ELEVATOR RM	CEILING MATERIALS (INSULATION)	NO	YES	GOOD	200	SF	CEILING	WRAP; FIBERGLASS; WHITE MASTIC	JONES EDMUNDS
RSS LVL 130	MISCELLANEOUS MATERIALS (VIBRATION JOINT)	NO	NO	GOOD	2	SF	FLOOR	BLACK VIBRATION JOINT ON VACUUM SYSTEM (NOTE: THESE ITEMS ARE COATED WITH PAINT)	JONES EDMUNDS
RSS LVL 140	HVAC INSULATION	NO	YES	DAMAGED	200	LF	CEILING	GRAY MASTIC; WHITE MASTIC; WRAP; FOAM GLASS; INSULATION; BLACK EPOXY MASTIC; METAL JACKET	JONES EDMUNDS
RSS LVL 140	MISCELLANEOUS MATERIALS (GASKET)	NO	NO	DAMAGED	200	EA	CEILING	HVAC BLACK GASKET	JONES EDMUNDS
RSS LVL 182	MISCELLANEOUS MATERIALS (MASTIC)	NO	NO	DAMAGED	10	SF	WALL	GRAY/WHITE MASTIC ON HVAC	JONES EDMUNDS
RSS LVL 182	MISCELLANEOUS MATERIALS (GASKET)	NO	NO	DAMAGED	40	LF	WALL	FOAM GASKET ON WINCH DUCT	JONES EDMUNDS
RSS LVL 182	MISCELLANEOUS MATERIALS (VIBRATION JOINT)	NO	NO	DAMAGED	40	SF	WALL	BLACK VIBRATION JOINT ON HVAC	JONES EDMUNDS
RSS LVL 182	MISCELLANEOUS MATERIALS (MASTIC)	NO	NO	DAMAGED	50	SF	WALL	GRAY MASTIC AT WALL PENETRATIONS	JONES EDMUNDS
RSS LVL 182	MISCELLANEOUS MATERIALS (MASTIC)	NO	NO	DAMAGED	100	SF	WALL	WHITE MASTIC AT WALL PENETRATIONS	JONES EDMUNDS
RSS LVL 182 (MECH ROOM)	MISCELLANEOUS MATERIALS (CAULK)	YES	NO	GOOD	50	LF	WINDOW	BLACK CAULKING AROUND WINDOWS	JONES EDMUNDS
RSS LVL 182 (MECH ROOM)	CEILING MATERIALS (INSULATION)	NO	YES	GOOD	1,250	SF	CEILING	WRAP; FIBERGLASS; WHITE MASTIC	JONES EDMUNDS
RSS LVL 182 (MECH ROOM)	FLOOR COVERING (CEMENT)	NO	YES	DAMAGED	1,250	SF	FLOOR	GRAY CEMENT ON FLOOR	JONES EDMUNDS
RSS LVL 182 (MECH ROOM)	MISCELLANEOUS MATERIALS (INSULATION)	NO	NO	DAMAGED	200	LF	CEILING	ORANGE INSULATION ON ELECTRICAL WIRING	JONES EDMUNDS
RSS LVL 182 (MECH ROOM)	MISCELLANEOUS MATERIALS (MASTIC)	NO	NO	GOOD	30	SF	CEILING	BROWNISH GRAY MASTIC ON HVAC	JONES EDMUNDS
RSS LVL 215	HIGH PRESSURE GASKET	YES	NO	GOOD	90	LF	HIGH PRESSURE PIPES	THIN, HARD GASKET	JONES EDMUNDS
RSS PCR	DUCT/HVAC CAULK AND MASTIC	YES	YES	GOOD	10	SF	DUCT	AMIS REPORT / ACM FOUND DURING FIBERGLASS DUCT INSULATION REMOVAL	JONES EDMUNDS
RSS TRUCK ROOM	MISCELLANEOUS MATERIALS (MASTIC)	NO	NO	GOOD	100	SF	WALL	DARK GRAY MASTIC ON WALLS	JONES EDMUNDS

ENVIRONMENTAL NOTES

- THE PROJECT SITE IS WITHIN THE BOUNDARY OF A SOLID WASTE MANAGEMENT UNIT (SWMU) BEING INVESTIGATED BY THE NASA REMEDIATION GROUP. A SWMU DESIGNATION MEANS A SITE HAS HAD HISTORICAL OPERATIONS WHICH HAD THE POTENTIAL TO IMPACT THE ENVIRONMENT. THERE ARE NUMEROUS SAMPLING WELL LOCATIONS WITHIN THE PAD B PERIMETER THAT SHALL BE PROTECTED. REFER TO SHEET EN3 FOR A SITE MAP DELINEATING PAD B WELL LOCATIONS.

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 (ONLY WITHIN THE FENCED AREA OF PAD B) SHALL BE PLACED IN THE SPOIL STOCK PILE. THE CONTRACTOR SHALL OBTAIN THE LOCATION OF THE SPOIL STOCK PILE FROM THE CONTRACTING OFFICER AND NASA ENVIRONMENTAL.
- THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC HEALTH AND SAFETY PLAN TO THE CONTRACTING OFFICER PRIOR TO START OF WORK PER SPECIFICATION SECTION 01 35 26. THE CONTRACTOR SHALL ABIDE TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE SPECIAL CONDITIONS OF THE CONTRACT DOCUMENTS, AND ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS.
- PAINTED METALS SHALL NOT BE RECYCLED UNLESS THEY ARE PROVEN NOT TO BE PCB BULK PRODUCT WASTE IN ACCORDANCE WITH 40 CFR 761. NON-PAINTED METALS SHALL BE RECYCLED IN ACCORDANCE WITH CONTRACT CLAUSE "RECYCLING AND SALVAGING MATERIALS." CONTRACTOR SHALL INFORM THE CONTRACTING OFFICER AND NASA ENVIRONMENTAL ON THE ESTIMATED WEIGHT OF METAL RECYCLED. REFER TO SPECIFICATION 01 57 20.00 10 FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL TAKE ACTIONS TO ENSURE PROTECTION OF WORKERS AND ADJACENT UNPROTECTED PERSONNEL TO HAZARDS DURING DEMOLITION IN ACCORDANCE WITH APPLICABLE OSHA REQUIREMENTS.
- HEAVY METALS IN PAINT AND MATERIALS HAVE BEEN IDENTIFIED IN AND ON THE FACILITIES TO BE DEMOLISHED, REFER TO THE PAINT SCHEDULES FOR MORE INFORMATION. THE CONTRACTOR SHALL ABIDE BY OSHA STANDARD 29 CFR 1926.62 AND 29 CFR 1926.1127 FOR WORKER PROTECTION DURING DEMOLITION AND CONSTRUCTION. RESPIRATORY PROTECTION SHALL BE WORN IN ACCORDANCE WITH OSHA STANDARD 29 CFR 1910.134. PAINTED MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE CONTRACT CLAUSES, THE CONTRACT DOCUMENTS, SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. 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 PAINT WITHIN THE JOINTS AT ALL BOLTED CONNECTIONS AND ANY PAINT NOT SAMPLED AND ANALYZED FOR PCBs SHALL BE ASSUMED TO CONTAIN PAINT COATINGS WITH PCBs IN CONCENTRATIONS GREATER THAN 50 PPM. ALL NON-ABATED CONNECTIONS AND PAINTED MATERIALS SHALL BE HANDLED AND DISPOSED OF AS PCB BULK PRODUCT WASTE, DISPOSED OF IN THE KSC CLASS III LANDFILL, AND SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. ALL PAINT SEGREGATED FROM C&D DEBRIS SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH PROCESS WASTE QUESTIONNAIRE (PWQ)/TECHNICAL RESPONSE PACKAGE (TRP) PROCESS.
- THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE CONTROL MEASURES IN ACCORDANCE WITH THE SPECIFICATION 01 57 20.00 10 AND CONTRACT CLAUSE "ABRASIVE BLASTING AND PAINTING" TO PREVENT THE RELEASE OF TOXIC PAINT CHIPS TO THE ENVIRONMENT.
- ANY UNIVERSAL WASTE, CONTROL WASTE AND HAZARDOUS WASTE ENCOUNTERED IN AND ON THE AREAS TO BE DEMOLISHED SHALL BE COLLECTED, HANDLED AND DISPOSED OF IN ACCORDANCE WITH SPECIFICATION 01 57 20.00 10 AND CONTRACT CLAUSE "HAZARDOUS WASTE".
- CONTRACTOR SHALL AVOID HOT WORK ON PAINTED/COATED METAL STRUCTURES. IF HOT WORK IS NECESSARY, THE CONTRACTOR SHALL PROVIDE RESPIRATORY PROTECTION IN ACCORDANCE WITH 29 CFR 1910.134.
- THE INSTALLATION/MODIFICATION OF ANY EXTERIOR LIGHTING SYSTEMS MUST BE IN COMPLIANCE WITH THE REQUIREMENTS IN THE KSC EXTERIOR LIGHTING GUIDELINES. THE USE OF LOW PRESSURE SODIUM LIGHTS MUST BE IMPLEMENTED.
- WATER USED TO RINSE OUT CONCRETE TRUCKS AND OTHER EQUIPMENT USED FOR CONCRETE WORK SHALL NOT BE ALLOWED TO BE DISCHARGE TO SURFACE WATERS. THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES AND SHALL PROVIDE A TEMPORARY ABOVE GRADE CONCRETE WASHOUT WITH A SITE LOCATION TO BE APPROVED BY THE CONTRACTING OFFICER PRIOR TO DISCHARGING ANY CONCRETE WASHOUT WATER IN ACCORDANCE WITH SPECIFICATION 01 57 20.00 10 AND CONTRACT CLAUSE "CONCRETE WASTEWATER".

ASBESTOS ABATEMENT NOTES

- ASBESTOS CONTAINING MATERIALS (ACM) HAVE BEEN IDENTIFIED IN AND ON THE FACILITIES TO BE DEMOLISHED. THE CONTRACTOR SHALL ABIDE TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE SPECIAL CONDITIONS OF THE CONTRACT DOCUMENTS, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS AND CONTRACT CLAUSE "ASBESTOS."
- ASBESTOS INFORMATION IS BASED ON AN ASBESTOS SURVEY REPORT PROVIDED BY KENNEDY SPACE CENTER'S INDUSTRIAL HYGIENE GROUP (IHA) AND BY JONES EDMUNDS (JE). NON-DESTRUCTIVE TESTING WAS USED IN COLLECTING INFORMATION PROVIDED IN THIS REPORT. ALL SURVEY INFORMATION SHALL BE VERIFIED AS ACCURATE AND COMPLETE AT THE TIME FACILITY OR SYSTEM MODIFICATIONS ACTUALLY OCCUR. 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 IN ACCORDANCE WITH KSC REQUIREMENTS AND 40 CFR 61. REFER TO THE ASBESTOS SCHEDULE FOR LOCATIONS OF ACM.
- ANY ADDITIONAL ACM ENCOUNTERED, NOT REPORTED IN THE ASBESTOS SURVEY, SHALL BE REPORTED TO THE CONTRACTING OFFICER IMMEDIATELY FOLLOWING DISCOVERY. NO ADDITIONAL ACM ABATEMENT SHALL BE PERFORMED WITHOUT WRITTEN AUTHORIZATION FROM THE CONTRACTING OFFICER.
- 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.
- CONTRACTOR SHALL SUBMIT TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) A "NOTICE OF ASBESTOS RENOVATION OR DEMOLITION" FORM (www.dep.state.fl.us/air/forms.html). DEP FORM 62-257.900(1) 10 DAYS PRIOR TO DEMOLITION OR DISTURBANCE OF ACM. THE CONTRACTING OFFICER SHALL BE COPIED ON ALL REPORTS SUBMITTED TO FDEP. THIS FORM SHALL BE SUBMITTED FOR ASBESTOS DISTURBANCE AS WELL AS DEMOLITION OF ANY LOAD SUPPORTING STRUCTURAL MEMBER OF A FACILITY REGARDLESS OF FACILITY SIZE.

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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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 JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
DRAWN		06/24/09		
CHECKED		06/24/09		
DESIGNED		06/24/09		
SUBMITTED		6/24/09		
APPROVED	DATE	SIZE	DWG. NO.	REV
EN1	6/24/09	F	222W2200001	
TITLE		PROJ. NO.	SHEET	
		98580	13	

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GENERAL NOTES

- REFER TO ENVIRONMENTAL AND ASBESTOS NOTES ON SHEET EN1 FOR ADDITIONAL INFORMATION.
- ADDITIONAL TEST RESULTS REGARDING OIL-FILLED EQUIPMENT ARE AVAILABLE IN THE CONTRACT OR FROM THE CONTRACTING OFFICER.

PCB PAINT SCHEDULE

FACILITY	LOCATION	DESCRIPTION	CONCENTRATION
			(PPM)
LC39B ROTATING SERVICE STRUCTURE (RSS)	STAIRWELLS, WALLS, PCR MACHINE ROOM WALLS, HANDRAILS	LIGHT GRAY	U
LC39B ROTATING SERVICE STRUCTURE (RSS)	LEDGES AND PARTS OF WALLS	MEDIUM GRAY	U
LC39B ROTATING SERVICE STRUCTURE (RSS) - NON BLASTED	PANELS, BOXES, EQUIPMENT, OMBUU, OAA	WHITE, MEDIUM GRAY AND YELLOW	U
LC39B ROTATING SERVICE STRUCTURE (RSS) - STAIR TOWER	RAILINGS, LEDGES NEAR STAIRS, EVACUATION AREAS	LIGHT GRAY	U
LC39B ROTATING SERVICE STRUCTURE (RSS)	WINCH DRUMS	ORANGE	U
LC39B FIXED SERVICE STRUCTURE (FSS) - ET-IT ACCESS ARM	ACCESS ARM PLATFORM	GREEN COVERING WHITE AND LIGHT GRAY	U
LC39B FIXED SERVICE STRUCTURE (FSS) - 9099	WALLS AND RAILING	LIGHT GRAY	U
LC39B FIXED SERVICE STRUCTURE (FSS) - BLASTED	STAIRWELLS, WALLS, HANDRAILS, EMERGENCY EGRESS STEEL	LIGHT GRAY	U
LC39B FIXED SERVICE STRUCTURE (FSS) - BLASTED	RAILINGS, CROSSOVERS, COLUMN, LIGHT FIXTURES, EMERGENCY EGRESS STEEL	MEDIUM GRAY	U
LC39B FSS/RSS - HINGE COLUMN	RAILING, CROSSOVERS, COLUMN, LIGHT FIXTURES	LIGHT GRAY	U
LC39B FIXED SERVICE STRUCTURE (FSS) - NON BLASTED	PANELS, EQUIPMENT, FIRE BOXES, TELEPHONE	WHITE, YELLOW, RED, MEDIUM GRAY, GREEN	U
40 CFR 761 REGULATORY LEVEL FOR PCB BULK PRODUCT WASTE			>= to 50 PPM

U = ANALYTE INCLUDED IN THE ANALYSIS, BUT NOT DETECTED.

TOTAL METALS PAINT SCHEDULE

FACILITY	LOCATION	DESCRIPTION	METAL CONCENTRATION IN mg/kg								
			As	Ba	Cd	Cr	Pb	Hg	Se	Ag	
LC39B ROTATING SERVICE STRUCTURE (RSS)	STAIRWELLS, WALLS, PCR MACHINE ROOM WALLS, HANDRAILS	LIGHT GRAY	1.14	797	1.42	7.17	10	0.004	U	0.62	
LC39B ROTATING SERVICE STRUCTURE (RSS)	LEDGES AND PARTS OF WALLS	MEDIUM GRAY	5.01	3980	22.9	85.8	893	U	U	U	
LC39B ROTATING SERVICE STRUCTURE (RSS) - NON BLASTED	PANELS, BOXES, EQUIPMENT, OMBUU, OAA	WHITE, MEDIUM GRAY AND YELLOW	U	3880	2.67	565	2650	0.009	U	U	
LC39B ROTATING SERVICE STRUCTURE (RSS) - STAIR TOWER	RAILINGS, LEDGES NEAR STAIRS, EVACUATION AREAS	LIGHT GRAY	1.45	66.5	1.41	14.9	6.27	U	U	U	
LC39B ROTATING SERVICE STRUCTURE (RSS)	WINCH DRUMS	ORANGE	U	1550	4.94	55.5	29	0.0405	U	U	
LC39B FIXED SERVICE STRUCTURE (FSS) - ET-IT ACCESS ARM	ACCESS ARM PLATFORM	GREEN COVERING WHITE AND LIGHT GRAY	1.66	118	20	9.6	6.42	U	U	U	
LC39B FIXED SERVICE STRUCTURE (FSS) - 9099	WALLS AND RAILING	LIGHT GRAY	2.77	121	7.55	24.4	30	0.003	U	0.985	
LC39B FIXED SERVICE STRUCTURE (FSS) - BLASTED	STAIRWELLS, WALLS, HANDRAILS, EMERGENCY EGRESS STEEL	LIGHT GRAY	1.51	347	4.56	123	108	U	U	0.702	
LC39B FIXED SERVICE STRUCTURE (FSS) - BLASTED	RAILINGS, CROSSOVERS, COLUMN, LIGHT FIXTURES, EMERGENCY EGRESS STEEL	MEDIUM GRAY	2.31	3020	2.11	28.6	9.22	0.002	U	0.924	
LC39B FSS/RSS - HINGE COLUMN	RAILING, CROSSOVERS, COLUMN, LIGHT FIXTURES	LIGHT GRAY	1.58	848	12.9	17.1	95.2	0.001	U	0.684	
LC39B FIXED SERVICE STRUCTURE (FSS) - NON BLASTED	PANELS, EQUIPMENT, FIRE BOXES, TELEPHONE	WHITE, YELLOW, RED, MEDIUM GRAY, GREEN	3.89	3860	3	391	5790	0.005	U	U	

U = ANALYTE INCLUDED IN THE ANALYSIS, BUT NOT DETECTED.

TCLP PAINT SCHEDULE

FACILITY	LOCATION	DESCRIPTION	METAL CONCENTRATION IN mg/L								
			As	Ba	Cd	Cr	Pb	Hg	Se	Ag	
LC39B ROTATING SERVICE STRUCTURE (RSS)	RSS	MIXED	U	U	0.022	U	U	U	U	U	
LC39B FIXED SERVICE STRUCTURE (FSS)	FSS	MIXED	U	U	0.039	U	0.119	U	U	U	
TOTAL (FSS/RSS)	RSS & FSS	MIXED	U	U	0.031	U	U	U	U	U	
40 CFR 261.24 REGULATORY LEVEL			5	100	1	5	5	0.2	1	5	

U = ANALYTE INCLUDED IN THE ANALYSIS, BUT NOT DETECTED.

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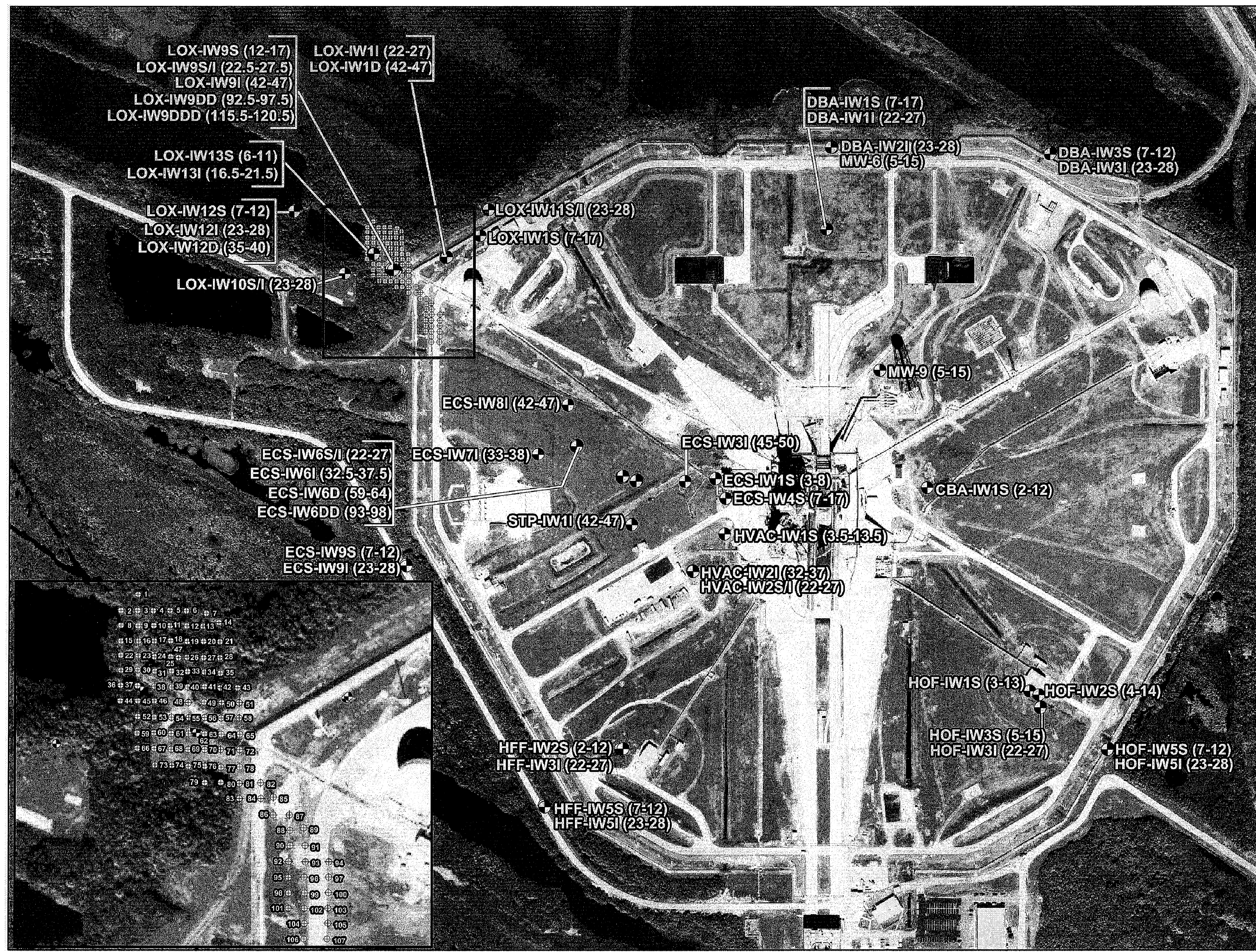
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED K. RIVERA	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE PAINT SCHEDULES
DESIGNED J. DU QUESNE	06/24/09	
SUBMITTED <i>[Signature]</i>	6/24/09	

APPROVED	DATE	SIZE	DWG. NO.	REV
<i>[Signature]</i>	6/24/09	F	222W2200001	
EN2	TITLE	PROJ. NO. 98580	SHEET 14	

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GENERAL NOTES

- CONTRACTOR SHALL NOT DESTROY OR DAMAGE ANY OF THE INJECTION WELLS AND MONITORING WELLS ON SITE. SURVEY COORDINATES FOR THE WELLS ARE AVAILABLE BY REQUEST TO THE CONTRACTING OFFICER. REFER THIS SHEET FOR WELL LOCATIONS.



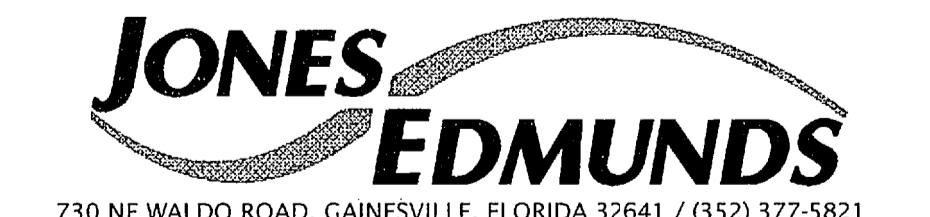
Legend

- Monitoring Well Location showing screen interval (ft BLS)
- Injection Well Location

LC39B MONITORING WELL LOCATIONS
NTS

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DRAWN	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	K. RIVERA	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED	J. DU QUESNE	06/24/09	MONITORING WELL LOCATIONS	
SUBMITTED	<i>[Signature]</i>	6/24/09		
APPROVED	<i>[Signature]</i>	6/24/09	SIZE	DWG. NO.
EN3	F	222W2200001	PROJ. NO.	98580
			SHEET	15

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GENERAL NOTE

- ALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS WITHIN THE LIMITS OF DEMOLITION ARE TO BE DEMOLISHED.

FLAG NOTES

TO BE DEMOLISHED

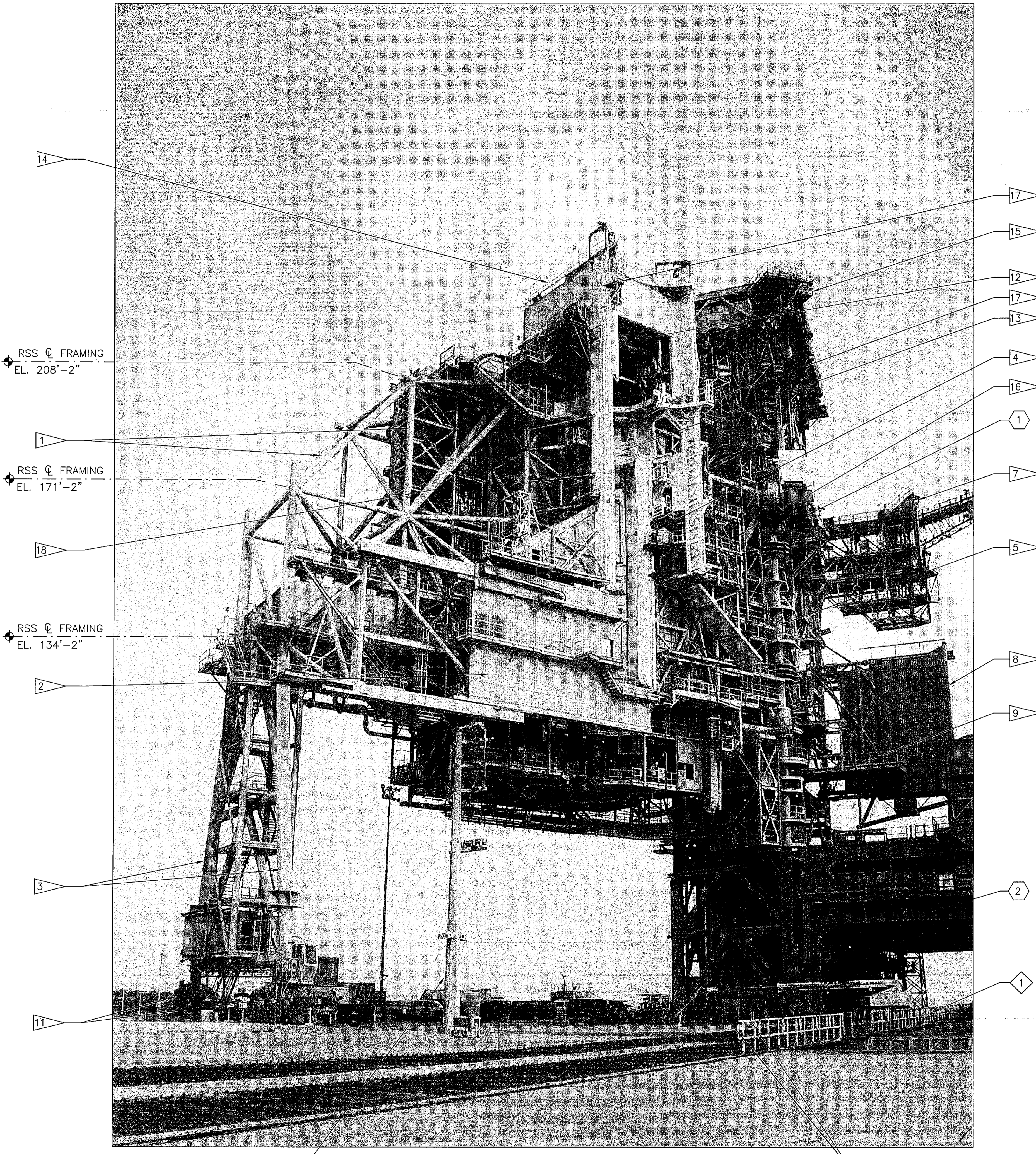
- 1 ▷ TYPICAL RSS MAIN STRUCTURAL STEEL FRAMING. SEE SHEETS S8-S15.
- 2 ▷ ORBITER WEATHER PROTECTION (RSS). SEE SHEETS S42-S44.
- 3 ▷ TRUCK COLUMNS. SEE SHEET S15.
- 4 ▷ PAYLOAD CHANGEOUT ROOM (PCR). SEE SHEET S60
- 5 ▷ HINGE COLUMN. SEE SHEETS S18 AND S80.
- 6 ▷ NOT USED
- 7 ▷ ET-IT/IAA STRUCTURE. SEE SHEETS S36-S41.
- 8 ▷ ORBITER WEATHER PROTECTION (FSS). SEE SHEETS S42, S45, AND S46.
- 9 ▷ CENTAUR PLATFORM AND PORCH. SEE SHEETS S47-S49.
- 10 ▷ TYPICAL FSS MAIN STRUCTURAL STEEL FRAMING. SEE SHEETS S16-S35.
- 11 ▷ RSS TRUCKS. SEE SHEET S15
- 12 ▷ 90 TON HOIST
- 13 ▷ PAYLOAD GROUND HANDLING MECHANISM (PGHM) INSIDE. SEE SHEET S61
- 14 ▷ RCS ROOF AND ET/SRB ACCESS PLATFORM HOIST DRUMS (BEYOND)
- 15 ▷ GOX VENT ACCESS ARM AND PLATFORM. SEE SHEETS S50-S59.
- 16 ▷ ORBITER MID-BODY UMBILICAL UNIT (OMBUU). SEE SHEETS S67-S72.
- 17 ▷ ET/SRB ACCESS PLATFORM
- 18 ▷ PCR ELEVATOR (INSIDE)

TO REMAIN

- 1 ◊ FLAME TRENCH GUARDRAIL
- 2 ◊ LIGHT POLE

TO BE REMOVED BY OTHERS (NOT IN CONTRACT)

- 1 ◊ ORBITER ACCESS ARM
- 2 ◊ MLP (MOVEABLE STRUCTURE. NOT PART OF PAD)

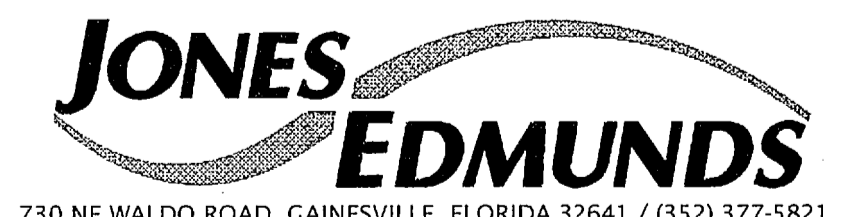


LC39B RSS CURRENT ELEVATION (LOOKING NORTHWEST)

NTS

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: 14005006-S01.DWG				



SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED <i>[Signature]</i>		06/24/09	RSS CURRENT PHOTO	
APPROVED <i>[Signature]</i>		DATE 06/24/09		
S1	TITLE	SIZE F	DWG. NO. 222W2200001	REV
		PROJ. NO. 98580	SHEET 16	

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GENERAL NOTE

- ALL MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT WITHIN THE LIMITS OF DEMOLITION ARE TO BE DEMOLISHED.

FLAG NOTES

TO BE DEMOLISHED

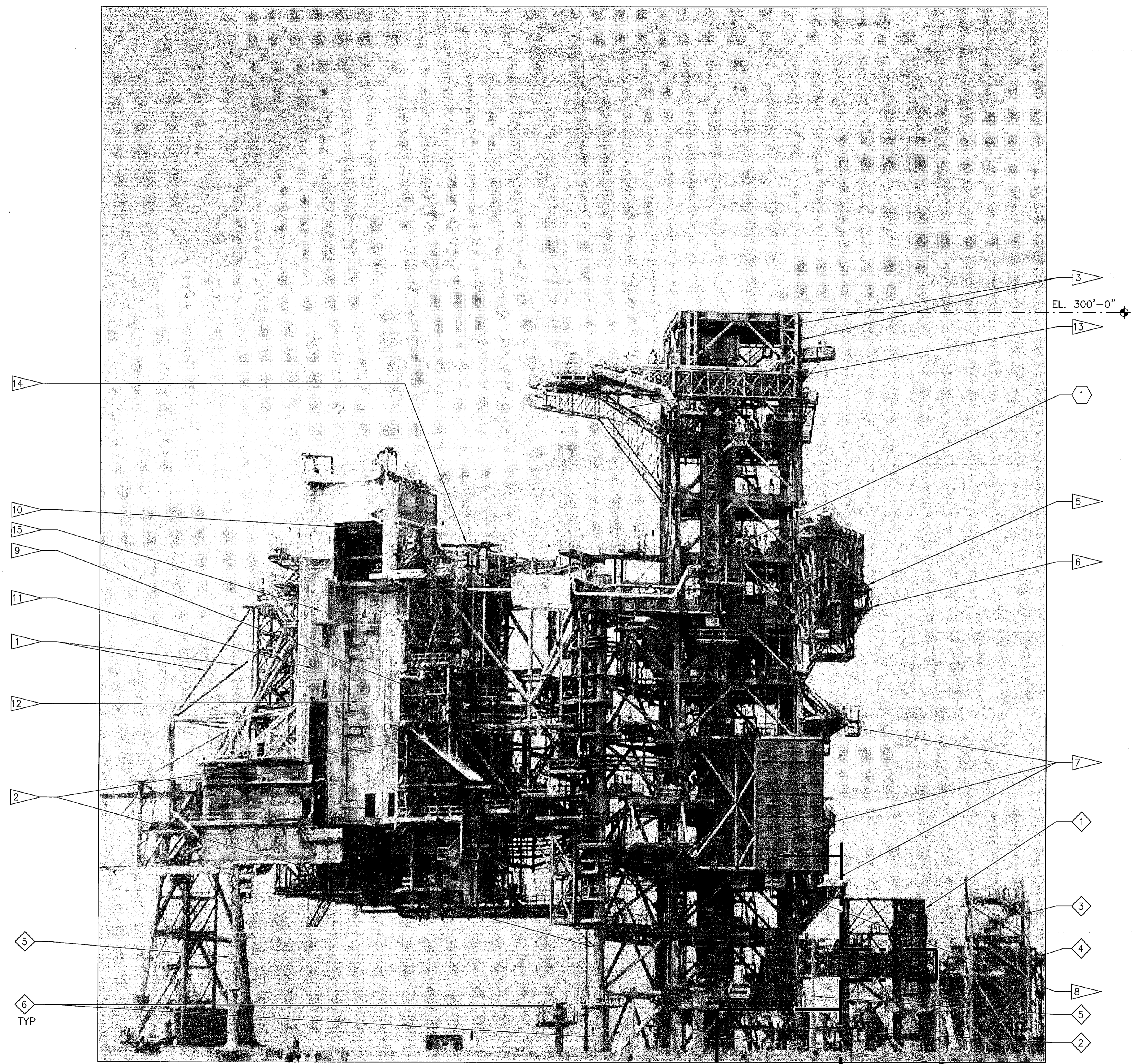
- 1 TYPICAL RSS MAIN STRUCTURAL STEEL FRAMING. SEE SHEETS S8-S15.
- 2 HINGE COLUMN. SEE SHEETS S8 AND S80.
- 3 TYPICAL FSS MAIN STRUCTURAL STEEL FRAMING. SEE SHEETS S16-S35.
- 4 NOT USED
- 5 ET-IT/IAA STRUCTURE. SEE SHEETS S36-S41.
- 6 EMERGENCY EGRESS PLATFORM (BEYOND). SEE SHEET S35.
- 7 ORBITER WEATHER PROTECTION (FSS). SEE SHEETS S42, S45 AND S46.
- 8 CENTAUR PLATFORM AND PORCH. SEE SHEETS S47-S49.
- 9 ORBITER MID-BODY UMBILICAL UNIT (OMBUU). SEE SHEETS S67-S72.
- 10 90 TON HOIST
- 11 PAYLOAD CHANGEOUT ROOM (PCR). SEE SHEET S60
- 12 PGHM (INSIDE). SEE SHEET S61
- 13 COX VENT ARM AND PLATFORM. SEE SHEETS S50-S59.
- 14 RSS HOIST EQUIPMENT ROOM
- 15 PCR ELEVATOR (INSIDE)

TO REMAIN

- 1 ECS STAIR TOWER. SEE SHEET S75 FOR WALKWAY DEMO LIMITS.
- 2 UTILITIES INTERFACE PLATFORM
- 3 EAST UTILITIES INTERFACE PLATFORM
- 4 9099 STRUCTURE
- 5 LIGHT TOWER
- 6 ML PEDESTALS

TO BE REMOVED BY OTHERS

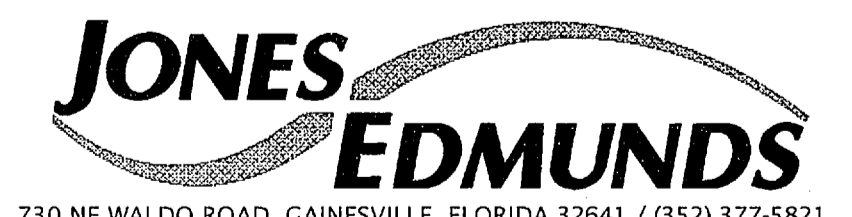
- 1 ORBITER ACCESS ARM



LC39B CURRENT ELEVATION (LOOKING WEST)
NTS
LIMITS OF DEMOLITION

THIS SPACE RESERVED

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) 269-2950

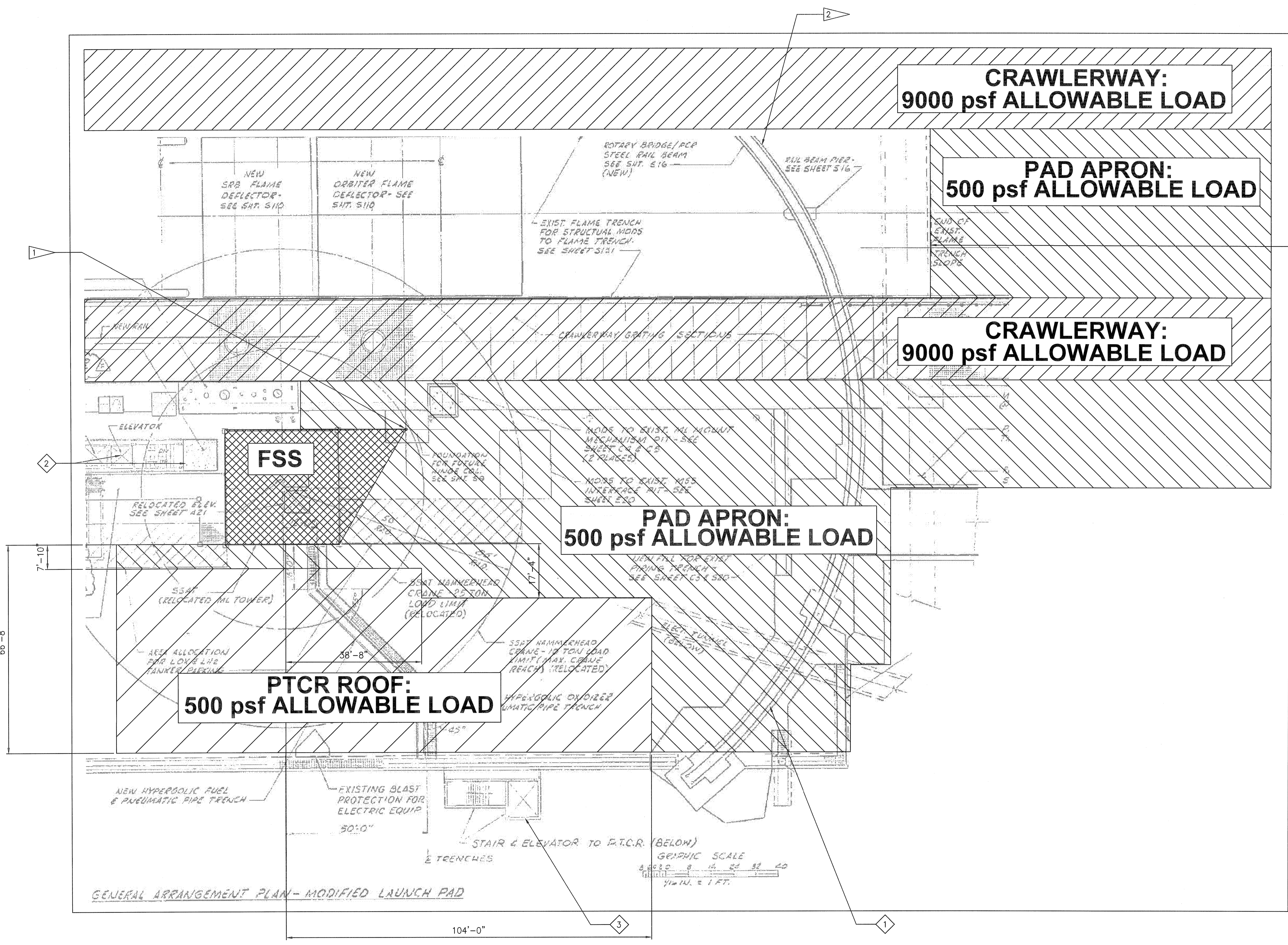
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO		06/24/09	FSS - RSS CURRENT PHOTO	
SUBMITTED		06/24/09		

S2	APPROVED	DATE	SIZE	DWG. NO.	REV
		06/24/09	F	222W2200001	
TITLE		PROJ. NO. 98580	SHEET 17		

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FLAG NOTES

- TO BE DEMOLISHED**
- 1 HINGE COLUMN (RSS NOT SHOWN FOR CLARITY)
 - 2 RSS RAIL BRIDGE
- TO REMAIN**
- 1 RSS RAILS AND FOOTING PEDESTAL
 - 2 ELEVATOR MACHINE ROOM AND ECS ELEVATOR
 - 3 PTCR STAIR AND ELEVATOR
 - 4 LIMIT OF FLAME TRENCH SLOPE.



PAD SURFACE ALLOWABLE BEARING PRESSURES
 1/16" = 1'-0" - SOURCE FILE 79K10338 SHEET V14

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE PAD SURFACE ALLOWABLE BEARING PRESSURES
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED <i>[Signature]</i>	6/24/09	
APPROVED <i>[Signature]</i>	DATE	SIZE DWG. NO. F 222W2200001
S3	PROJ. NO. 98580	SHEET 18

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FLAG NOTES

TO BE DEMOLISHED

- 1 FSS (TO PAD SURFACE)
- 2 RSS (TO PAD SURFACE)
- 3 SIDE FLAME DEFLECTORS. SEE SHEETS S73 AND S74.
- 4 EMERGENCY EGRESS LANDING AREA STRUCTURES AT SAND PIT WEST OF PAD (NOT SHOWN). SEE SHEETS D1-D4.
- 5 RSS TRUCK RAIL BRIDGE

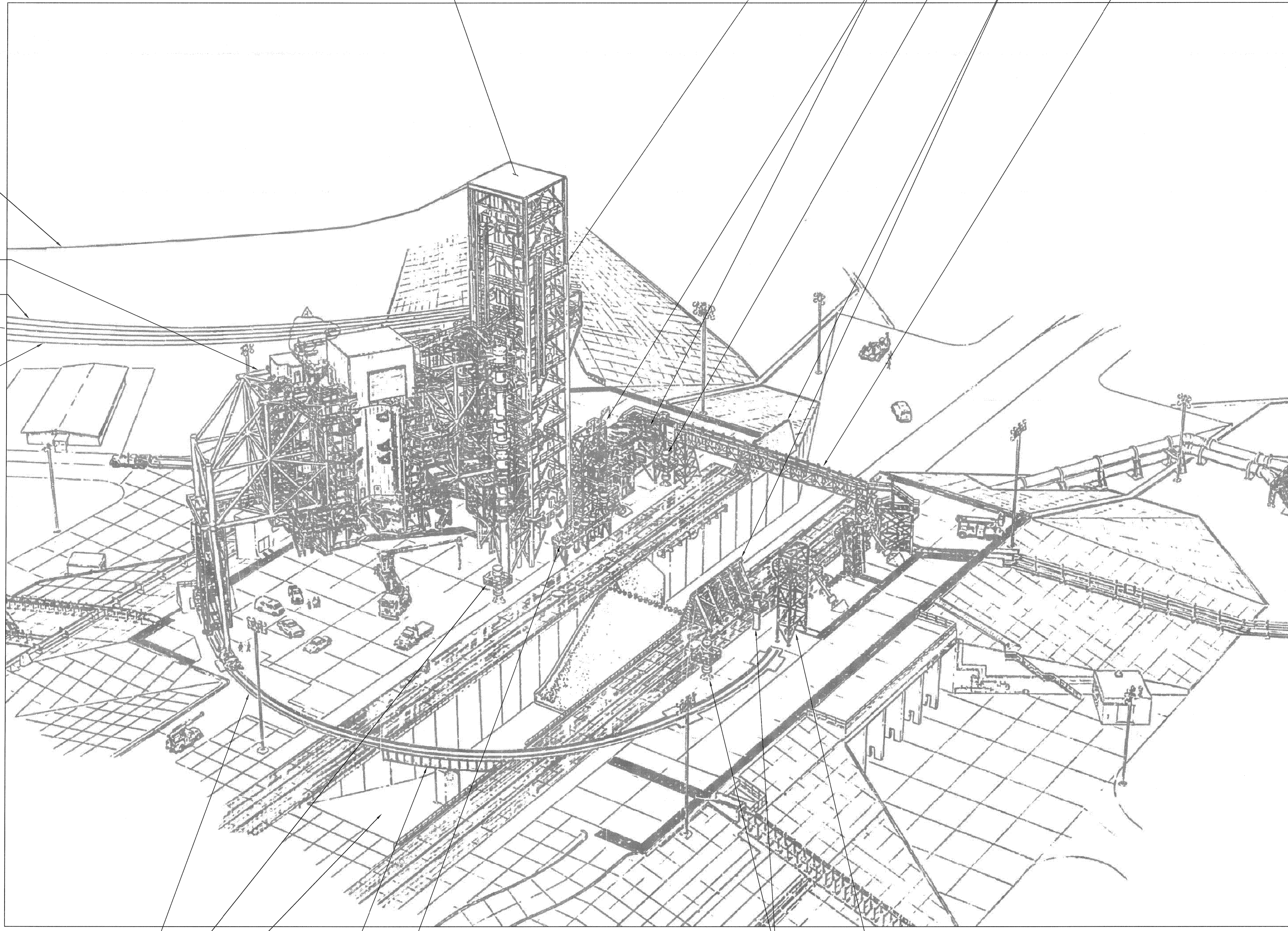
TO REMAIN

- 1 FLAME TRENCH
- 2 RSS TRUCK RAIL
- 3 EAST UTILITIES INTERFACE PLATFORM
- 4 UTILITIES INTERFACE PLATFORM
- 5 NORTH BRIDGE
- 6 ECS STAIR TOWER AND 9099 BLDG
- 7 ML PEDESTALS

TO BE REMOVED BY OTHERS (NOT IN CONTRACT)

- 1 LIGHTNING PROTECTION GROUND WIRES
- 2 EMERGENCY EGRESS SIDEWIRE CABLES

T/ FSS EL. 300'-0"



PAD 39B ISOMETRIC VIEW LOOKING NORTHWEST

NTS - SOURCE FILE 79K14110 SHEET V4

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				

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

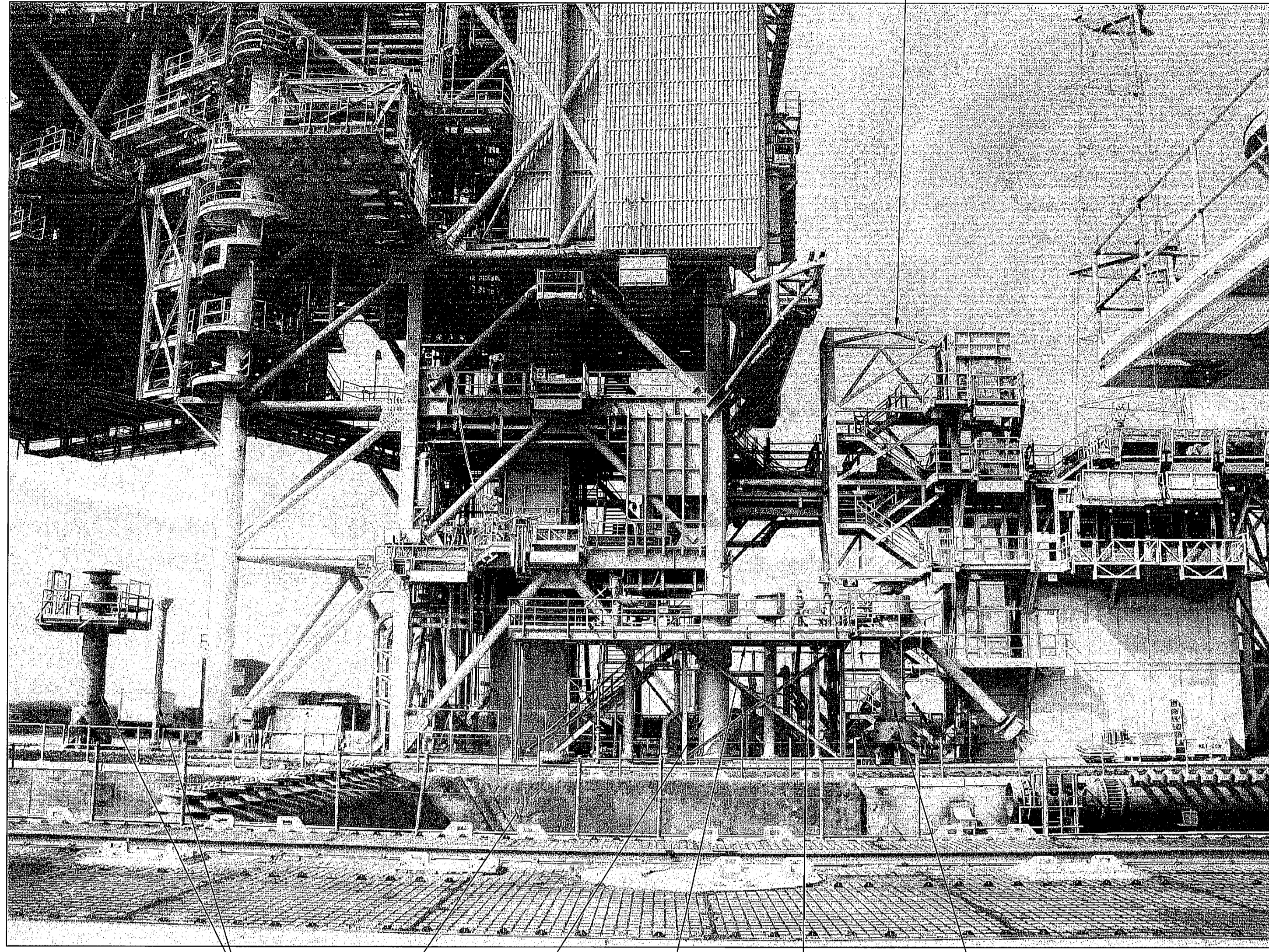
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	PAD 39B PICTORIAL VIEW LOOKING NORTHWEST
SUBMITTED <i>[Signature]</i>	6/24/09	

S4	APPROVED <i>[Signature]</i>	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
	TITLE	PROJ. NO. 98580			SHEET 19

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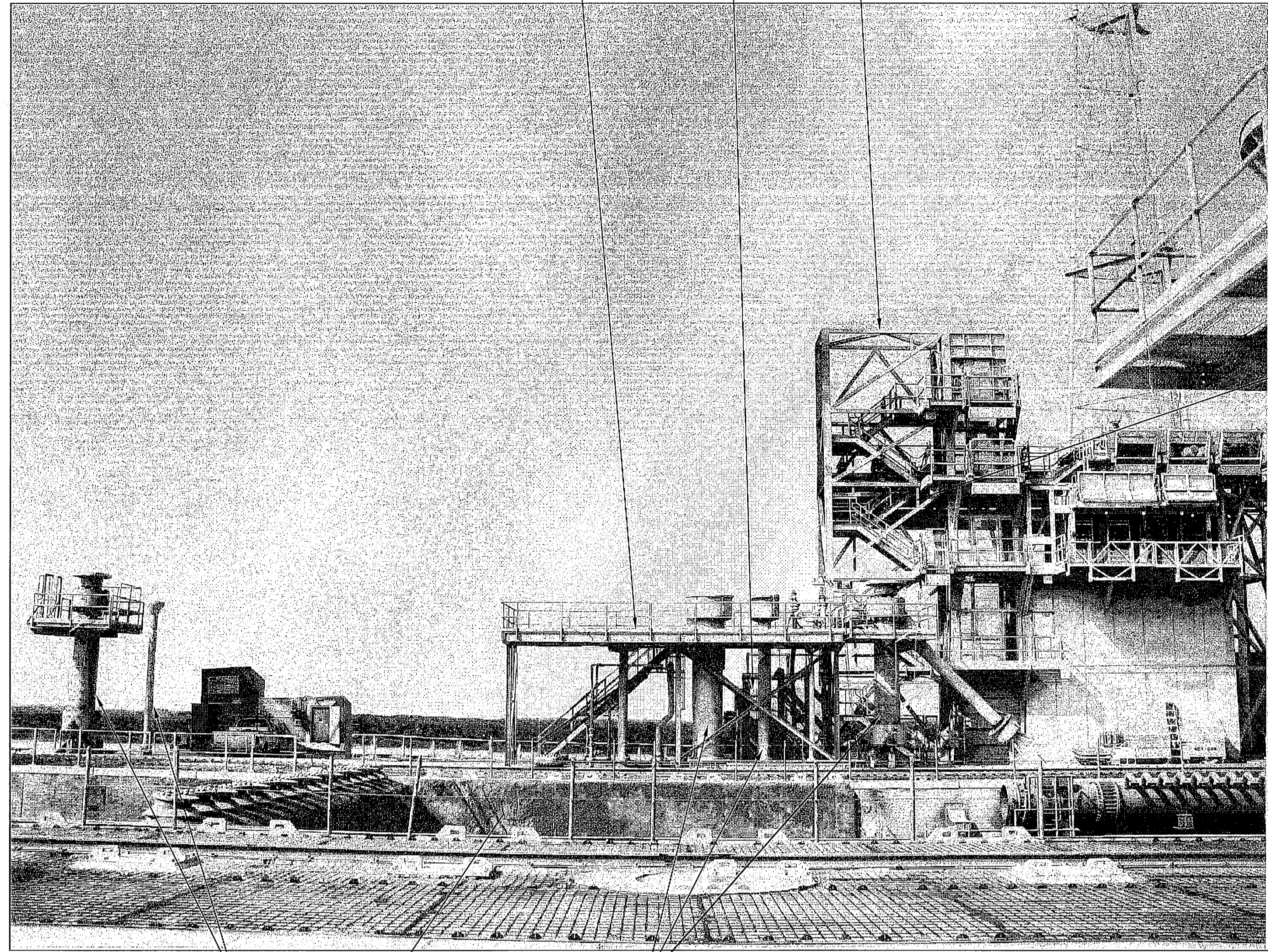
FLAG NOTES

- 1 MLP UTILITIES INTERFACE
- 2 ELEVATOR MACHINE ROOM
- 3 ECS AND 9099 TOWER
- 4 FLAME TRENCH
- 5 ML PEDESTALS
- 6 UTILITIES AND STRUCTURE ON WEST FACE TO BE REMOVED



PRE-DEMOLITION PAD SURFACE (LOOKING WEST)

NTS



POST DEMOLITION PAD SURFACE (LOOKING WEST)

NTS

THIS SPACE RESERVED

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 JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE POST DEMOLITION PAD SURFACE
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED <i>[Signature]</i>	<i>[Signature]</i>	

APPROVED <i>[Signature]</i>	DATE 06/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 20	

S5

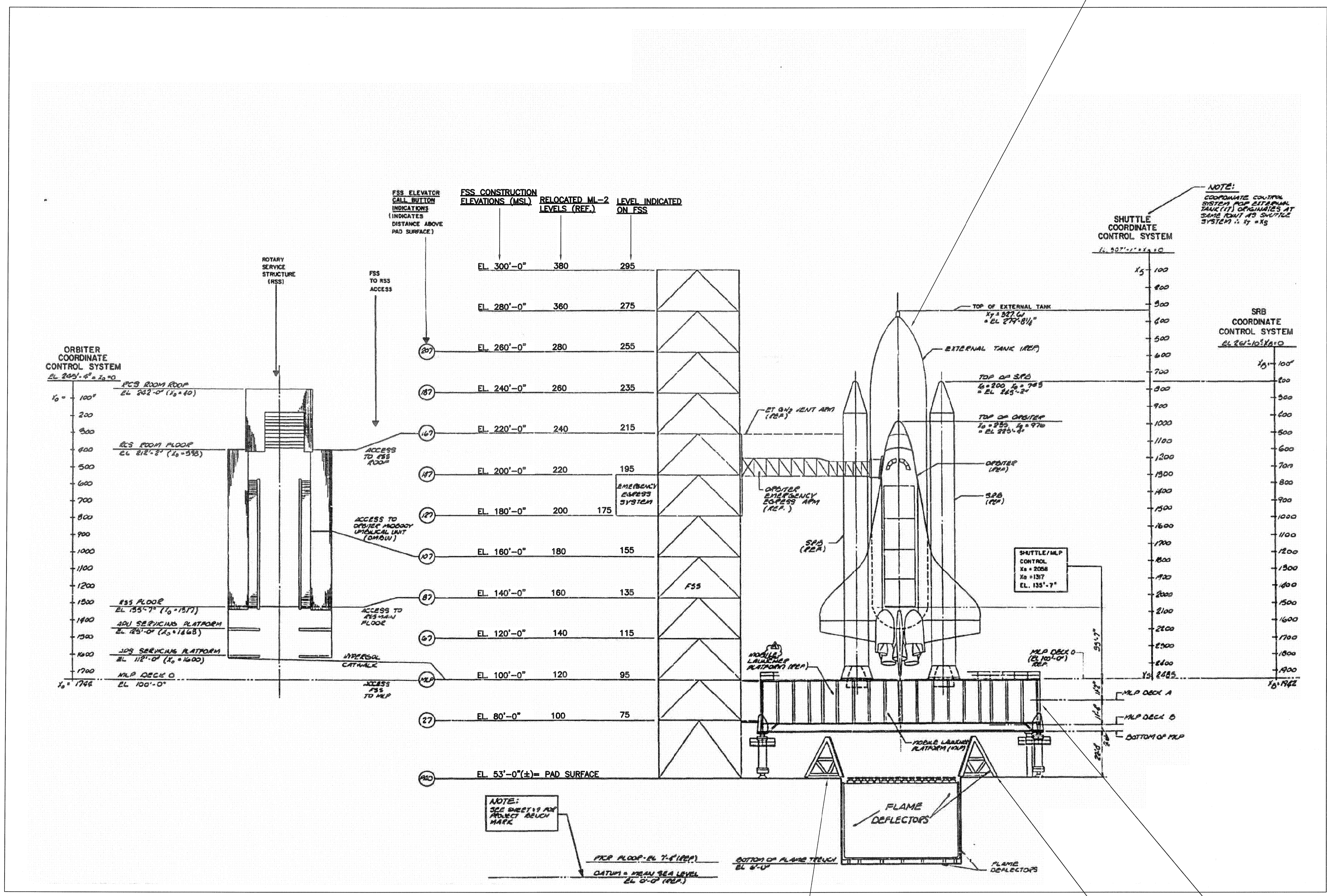
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

GENERAL NOTES

- FSS WAS CONSTRUCTED USING A FORMER MOBILE LAUNCH TOWER (ML-2). THE CORRESPONDING ML-2 AND FSS ELEVATIONS ARE SHOWN.
- THE LEVELS INDICATED ON THE FSS FLOORS ARE 5 FEET LESS THAN ACTUAL ELEVATIONS.

FLAG NOTES

- SIDE FLAME DEFLECTORS.
- ORBITER AND MOBILE LAUNCH PLATFORM SHOWN FOR REFERENCE ONLY.

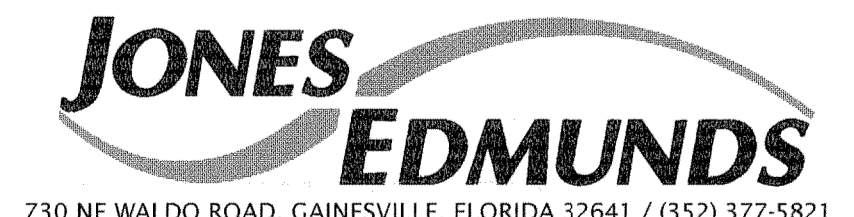


ELEVATIONS AND STATIONING SYSTEM MODIFIED PAD 39B

NTS - SOURCE FILE 79K14110 SHEET V13

THIS SPACE RESERVED

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 S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	ELEVATIONS AND STATIONING SYSTEM MODIFIED PAD 39B
SUBMITTED [Signature]	6/24/09	

APPROVED	DATE	SIZE	DWG. NO.	REV
[Signature]	6/24/09	F	222W2200001	

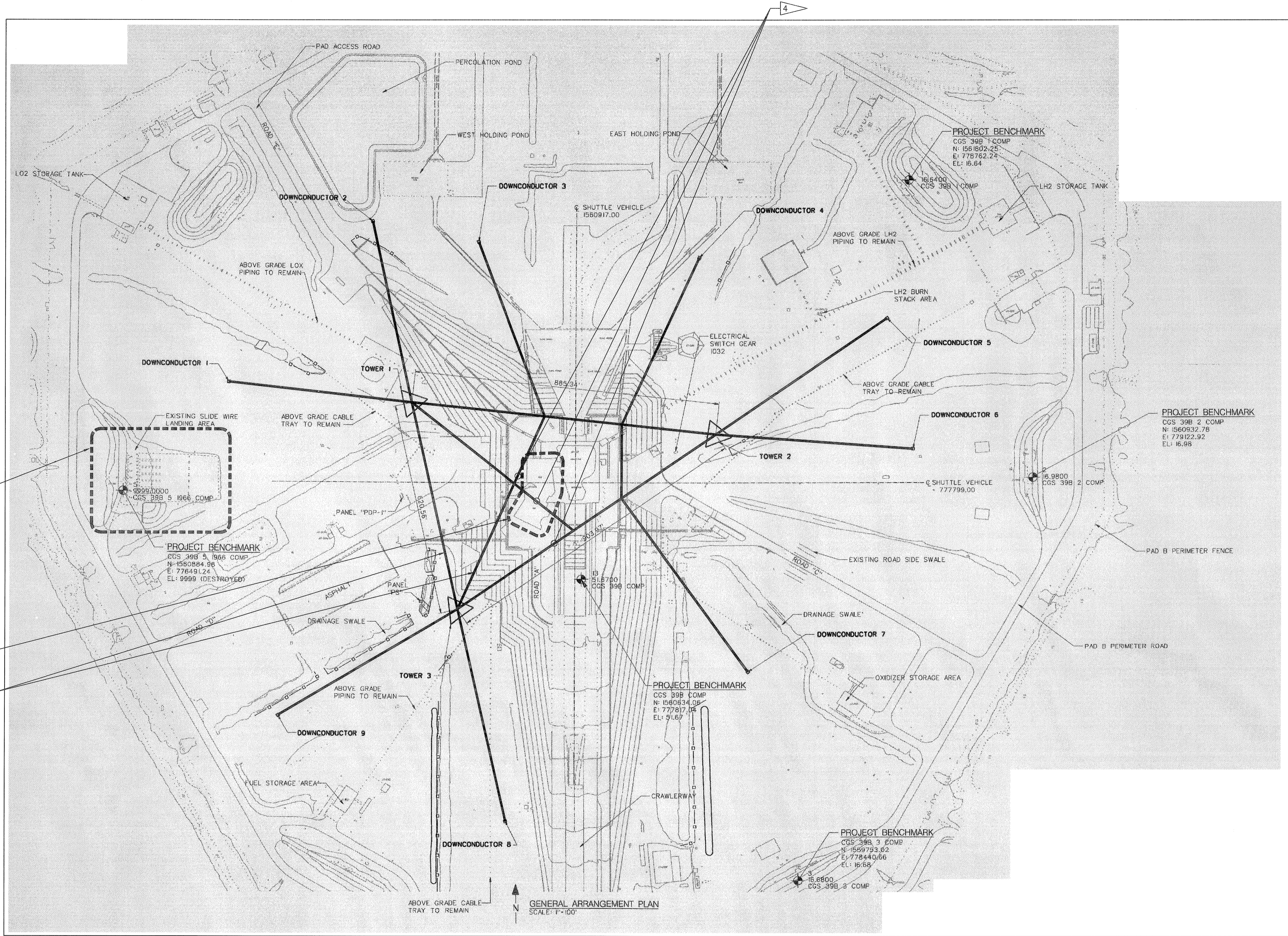
S6

PROJ. NO. 98580 SHEET 21

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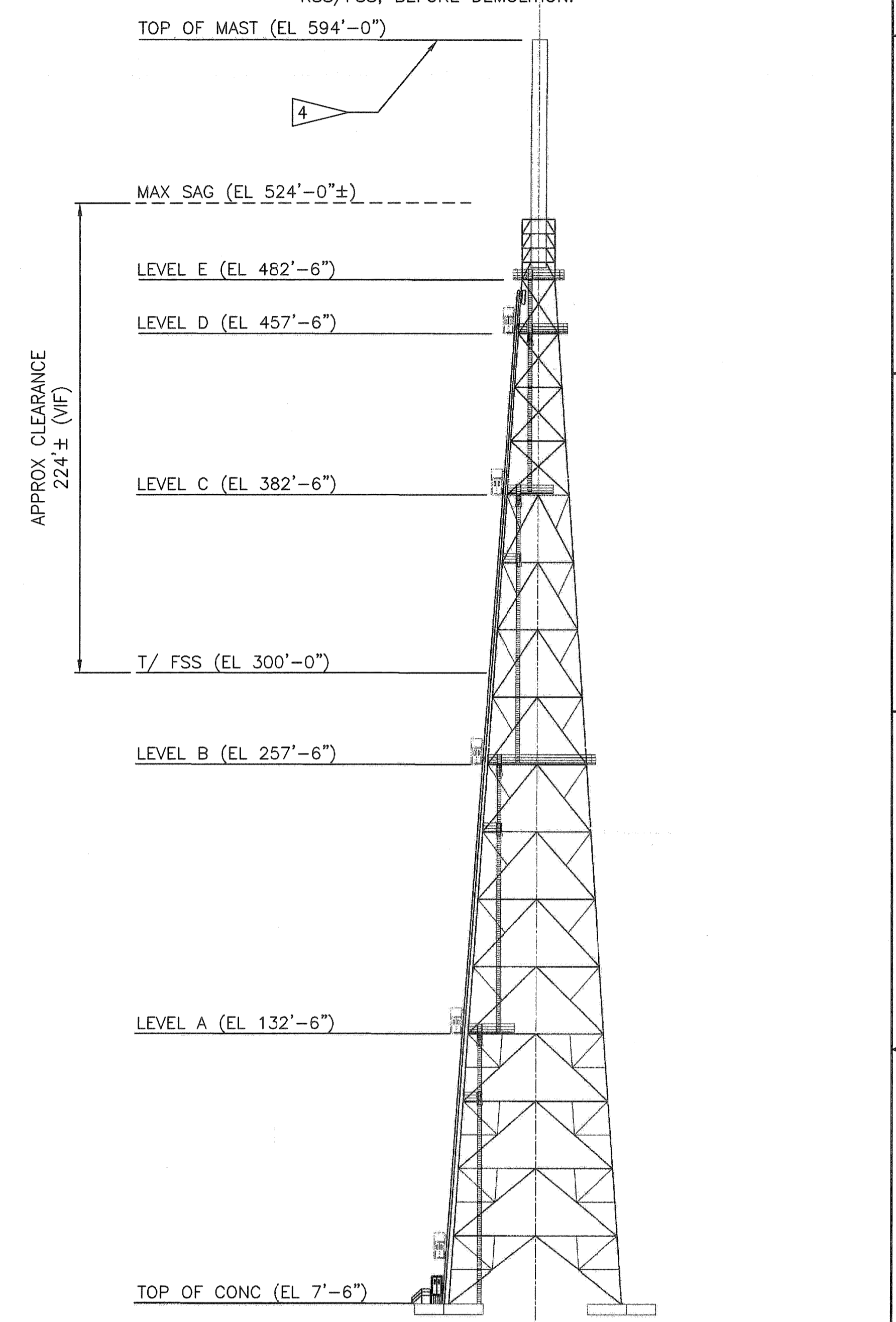
FLAG NOTES

- 1 GENERAL LOCATION OF RSS AND FSS.
- 2 EGRESS LANDING AREA. SEE D1-D4.
- 3 LIGHTNING PROTECTION CATENARY CABLES.
- 4 MAXIMUM DESIGN CABLE SAG IS APPROXIMATELY 70' BELOW TOP OF MAST (REF. 79K36769 SHEET M-03). VERIFY ACTUAL CABLE ELEVATIONS AND LOCATIONS RELATIVE TO RSS/FSS, BEFORE DEMOLITION.



EXISTING LIGHTNING PROTECTION SYSTEM - GENERAL ARRANGMENT

NTS - SOURCE FILE 79K36769 SHEET C-02



TOWER ELEVATION

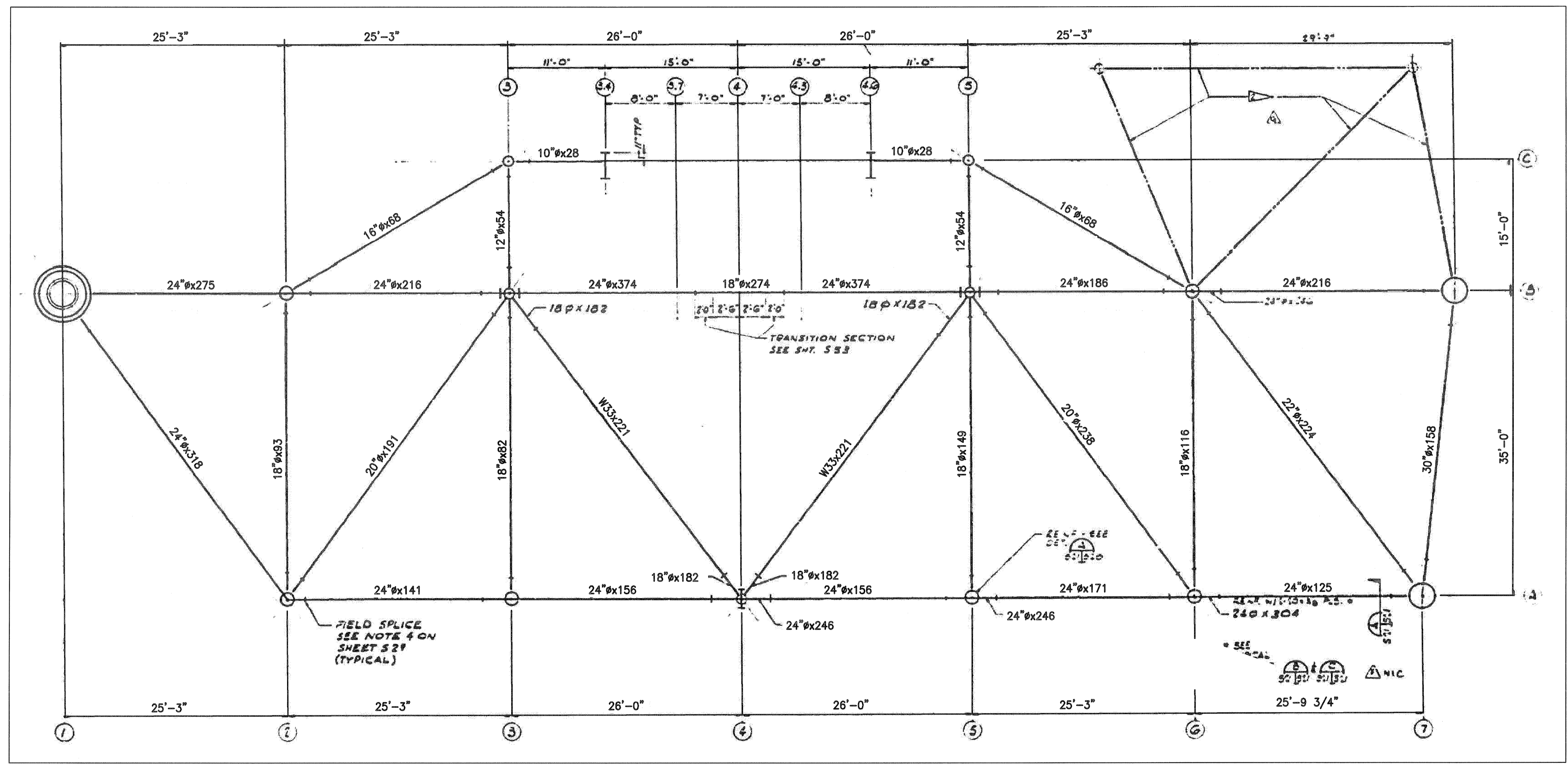
THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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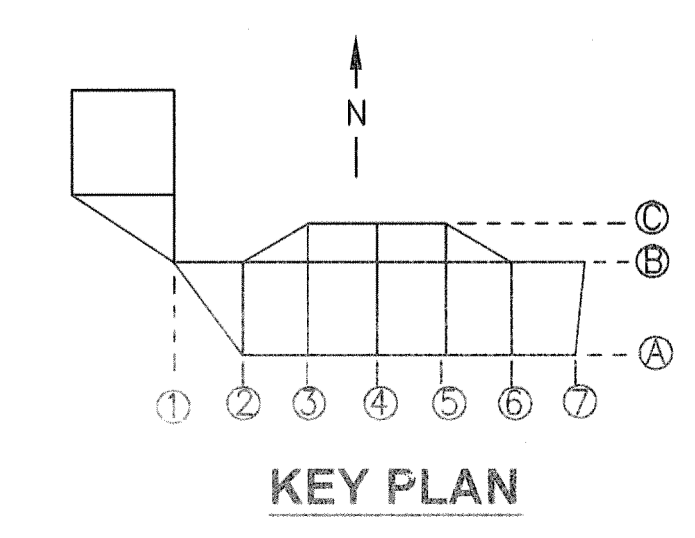
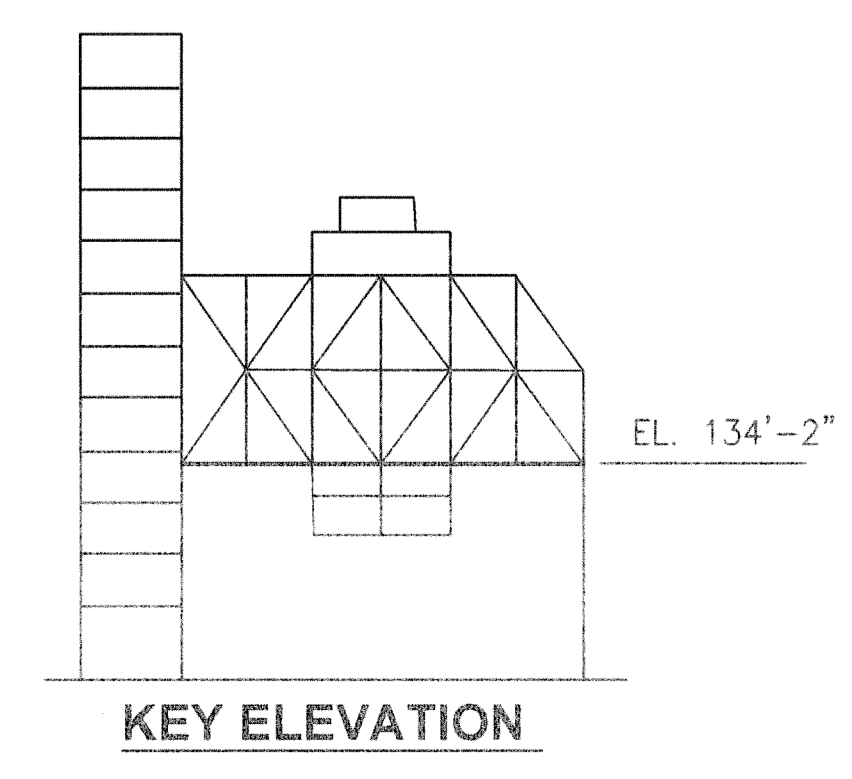


SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE LIGHTNING PROTECTION SYSTEM - GENERAL ARRANGEMENT	
DESIGNED N. PONTILLO		06/24/09		
APPROVED <i>[Signature]</i>		DATE 6/24/09	SIZE F	DWG. NO. 222W2200001
TITLE S7		PROJ. NO. 98580	SHEET 22	

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RSS MAIN FRAMING PLAN @ EL 134 FT 2IN
 NTS - SOURCE FILE 79K14110 SHEET S21

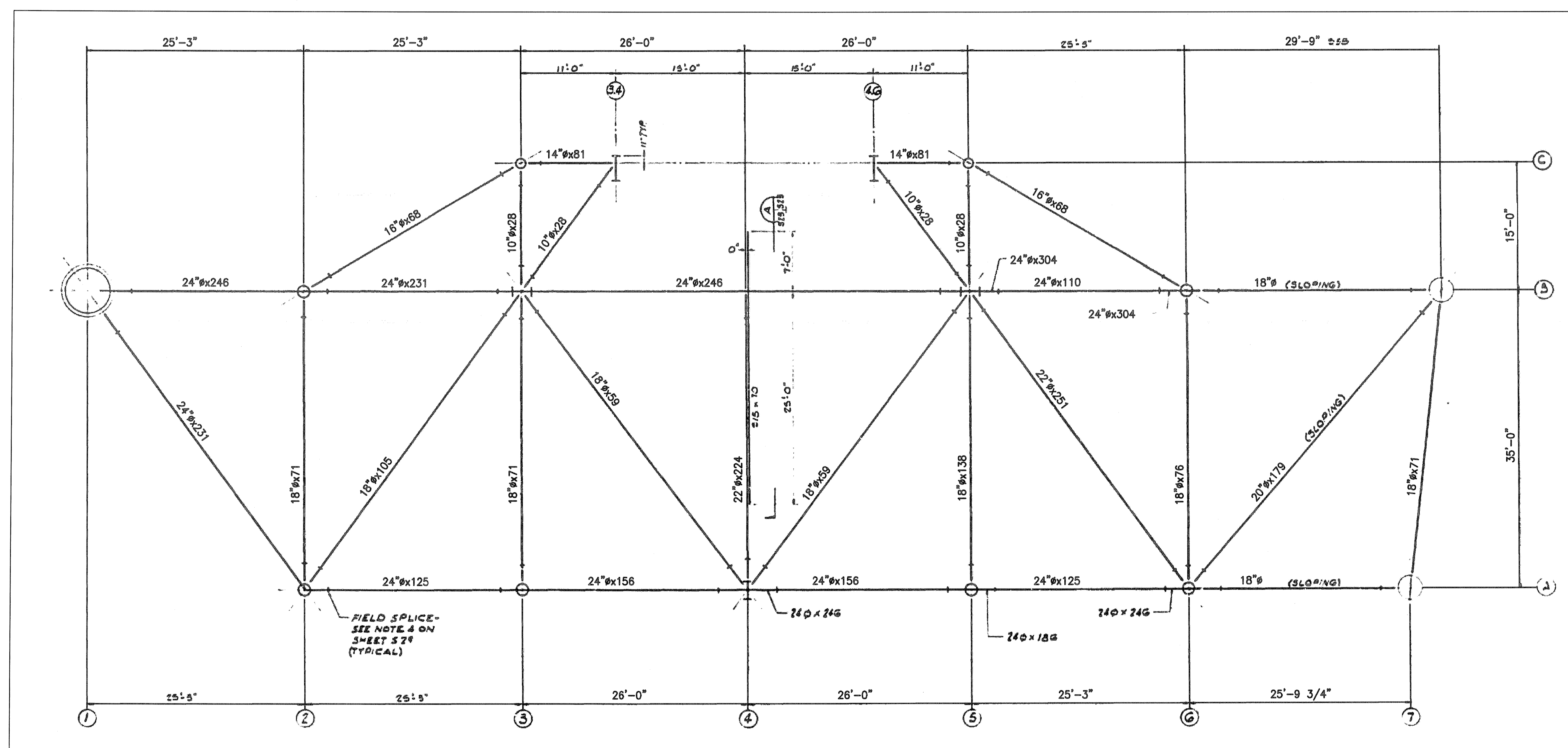


THIS SPACE RESERVED

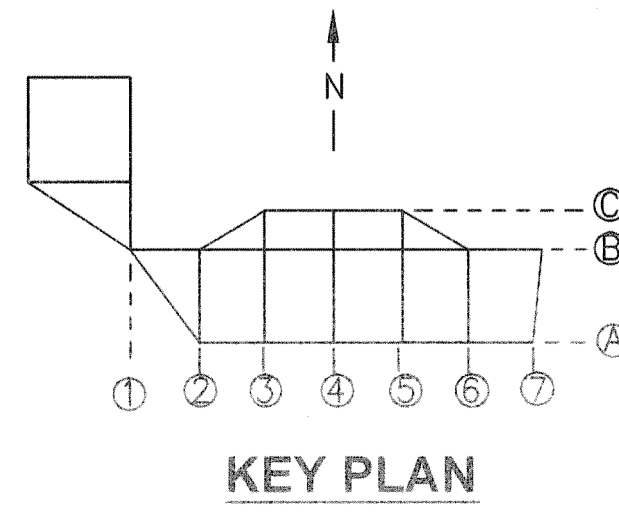
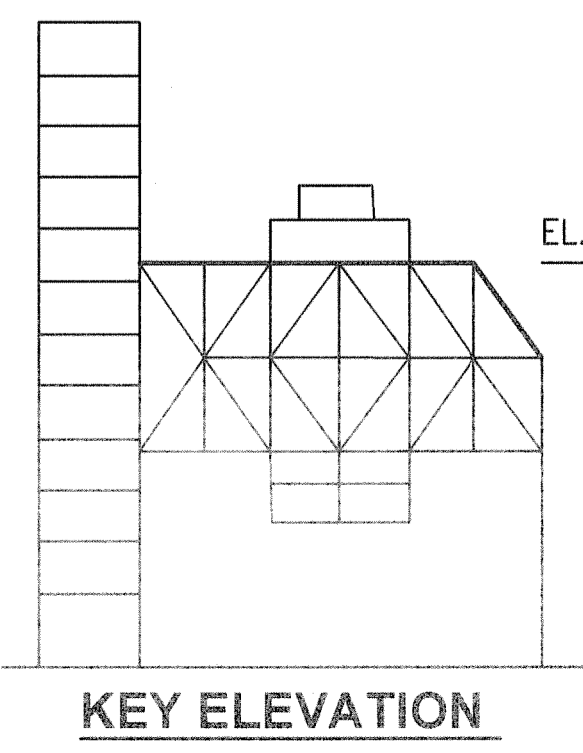
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-508.DWG				
 730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED <i>[Signature]</i>		6/24/09		
APPROVED <i>[Signature]</i>		DATE		
TITLE		SIZE	DWG. NO.	REV
S8		F	222W2200001	
PROJECT NO. 98580		SHEET 23		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 JOHN F. KENNEDY SPACE CENTER, NASA
 KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
 FSS/RSS AT LAUNCH COMPLEX 39B,
 DEMOLITION PACKAGE**
RSS MAIN FRAMING PLAN EL 134 FT 2 IN

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, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded as an implication or otherwise in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



RSS MAIN FRAMING PLAN @ EL. 208'-2"
 NTS - SOURCE FILE 79K14110 SHEET S23



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: 14005006-S10.DWG				

JONES EDMUNDS

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

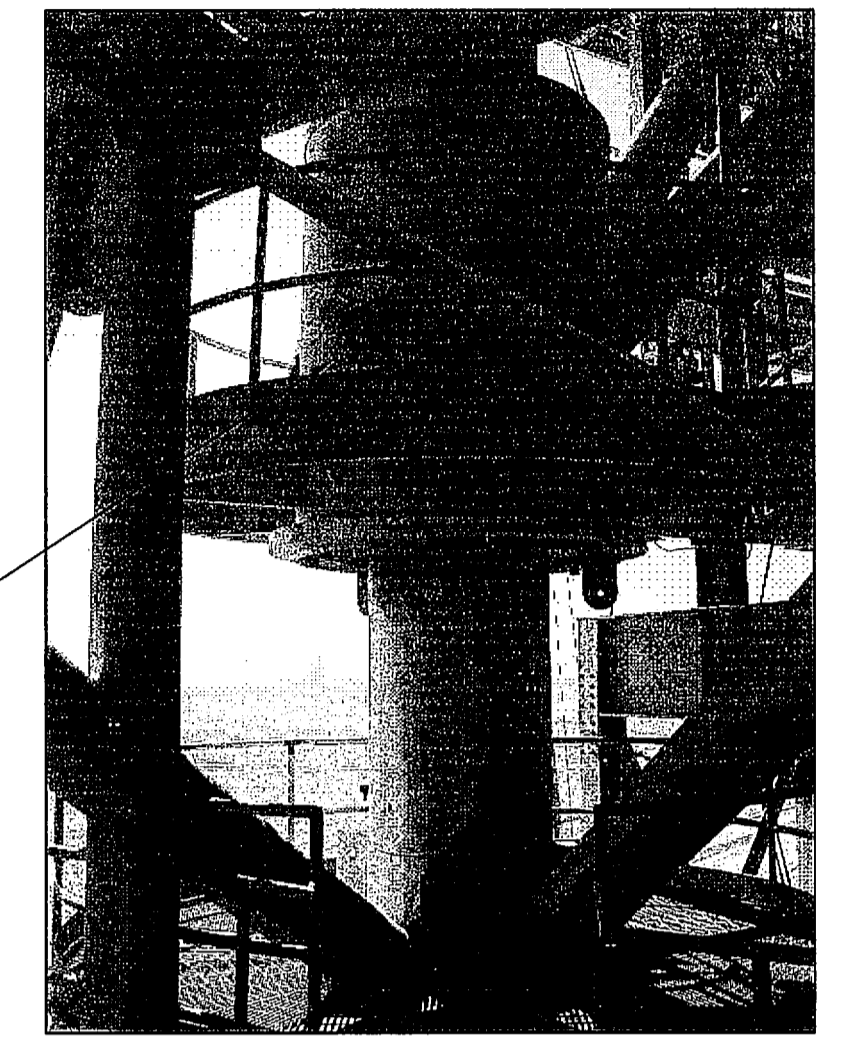
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	RSS MAIN FRAMING PLAN EL. 208 FT 2 IN
SUBMITTED <i>[Signature]</i>	6/24/09	
APPROVED <i>[Signature]</i>	6/24/09	

S10	SIZE	DWG. NO.	REV
	F	222W2200001	
TITLE	PROJ. NO.	98580	SHEET 25

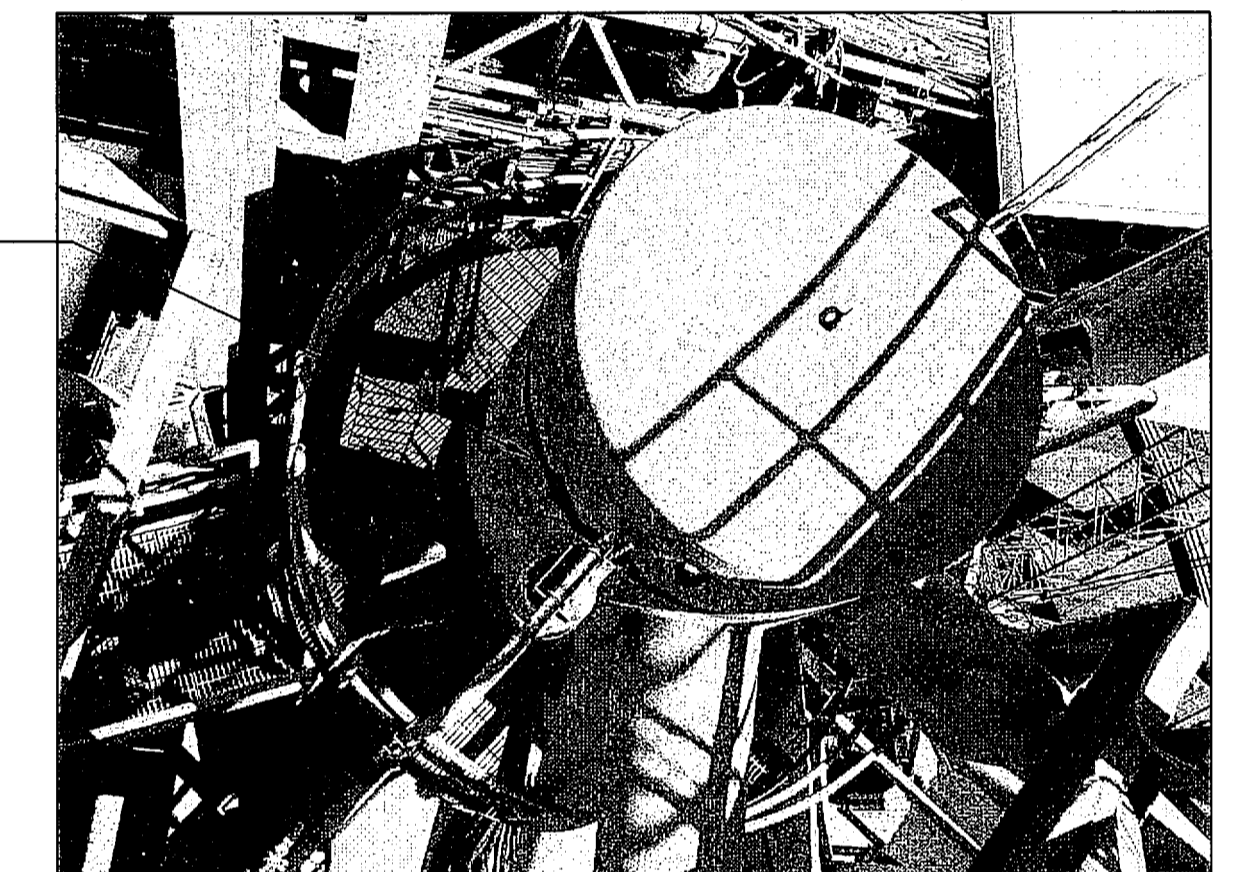
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FLAG NOTES

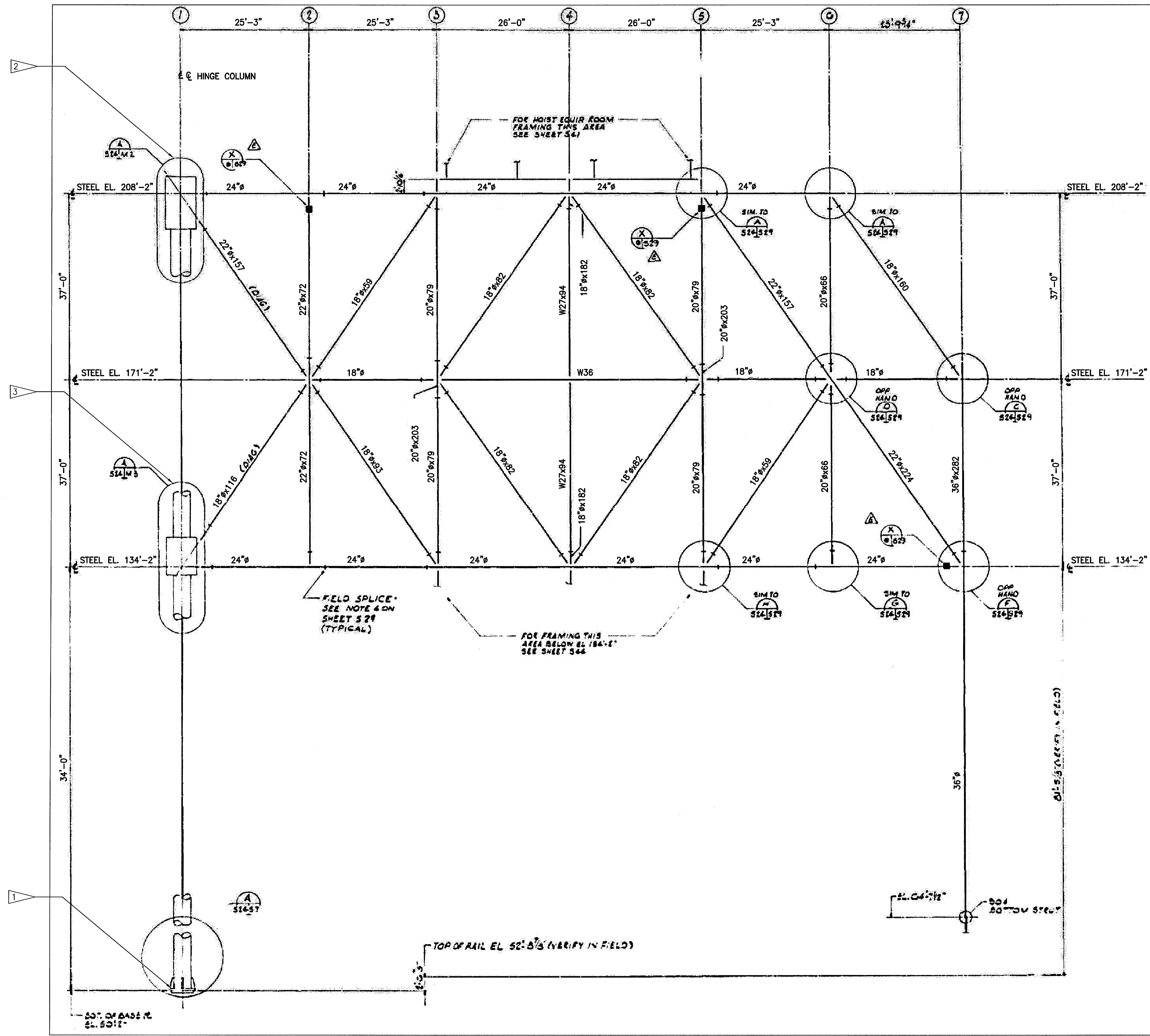
- 1 SEE SHEET S80 FOR HINGE COLUMN DEMO AND REPAIR.
- 2 UPPER HINGE COLUMN BEARING
- 3 LOWER HINGE COLUMN BEARING



LOWER HINGE COLUMN
(LOOKING EAST FROM RSS WALKWAY)



UPPER HINGE COLUMN
(LOOKING DOWN FROM RSS WALKWAY)



RSS MAIN FRAMING STRUCTURAL ELEV LINE A

NTS - SOURCE FILE 79K14110 SHEET S24

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: 14005006-S11.DWG				



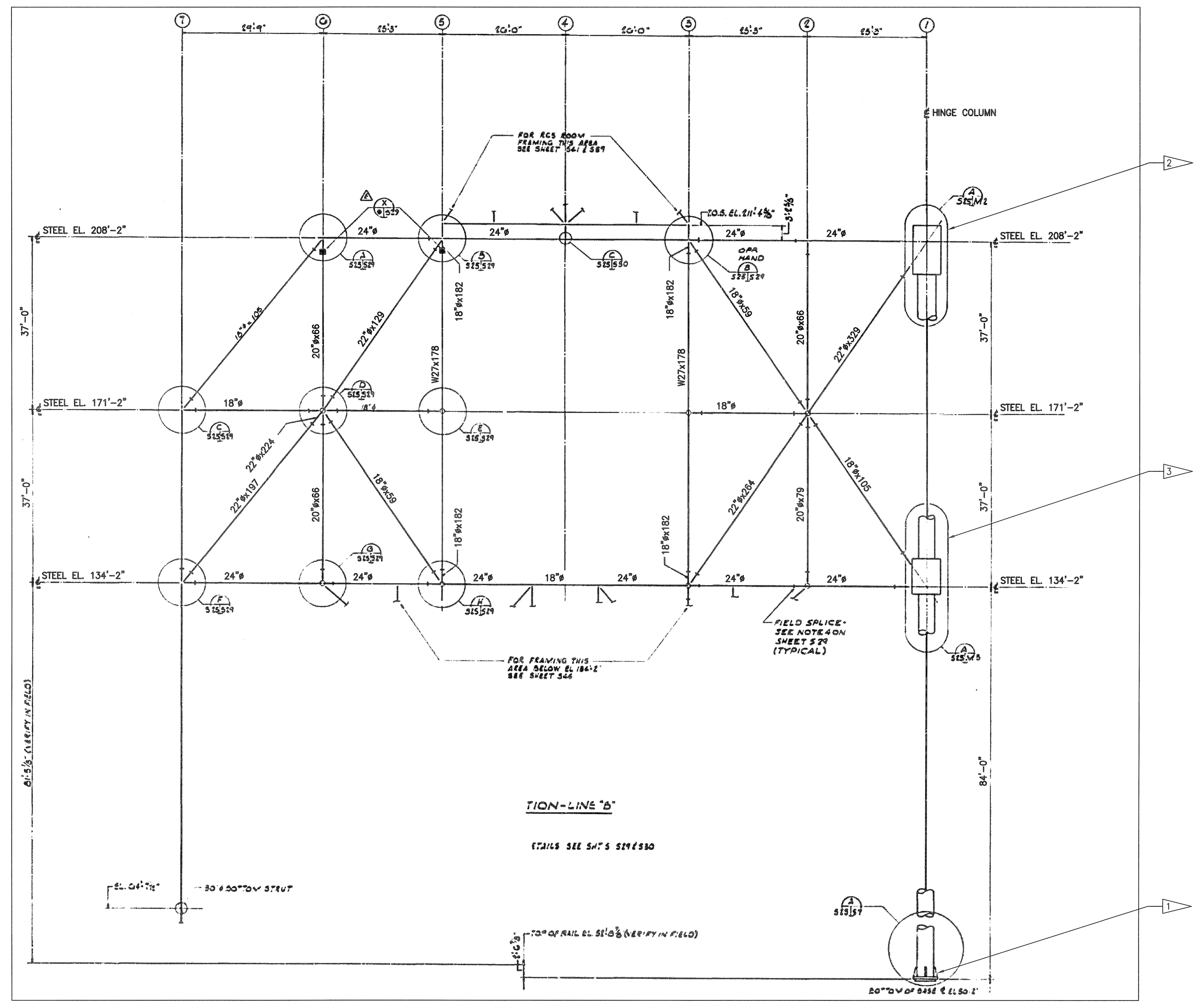
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE RSS MAIN FRAMING STRUCTURAL ELEV LINE A
DRAWN		06/24/09	
CHECKED		06/24/09	
DESIGNED		06/24/09	
SUBMITTED		6/24/09	
APPROVED		DATE	
TITLE		SIZE	DWG. NO.
S11		F	222W2200001
		PROJ. NO.	98580
		SHEET	26

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FLAG NOTES

- 1 SEE SHEET S80 FOR HINGE COLUMN DEMO AND REPAIR.
- 2 UPPER HINGE COLUMN BEARING. SEE SHEET S11
- 3 LOWER HINGE COLUMN BEARING. SEE SHEET S11



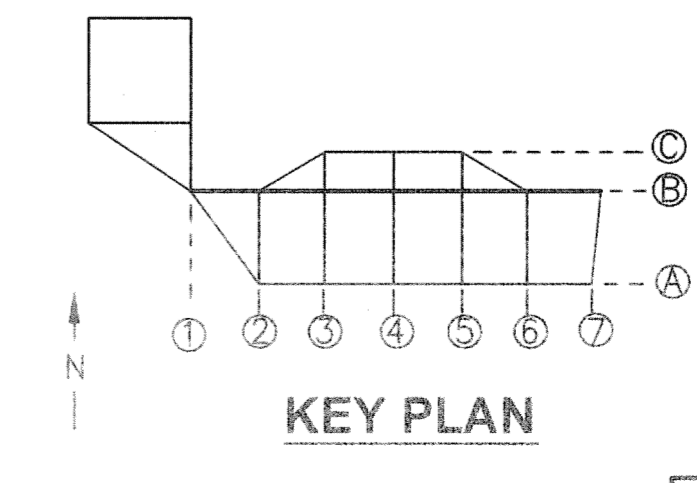
RSS MAIN FRAMING STRUCTURAL ELEV LINE B
 NTS - SOURCE FILE 79K14110 SHEET S25

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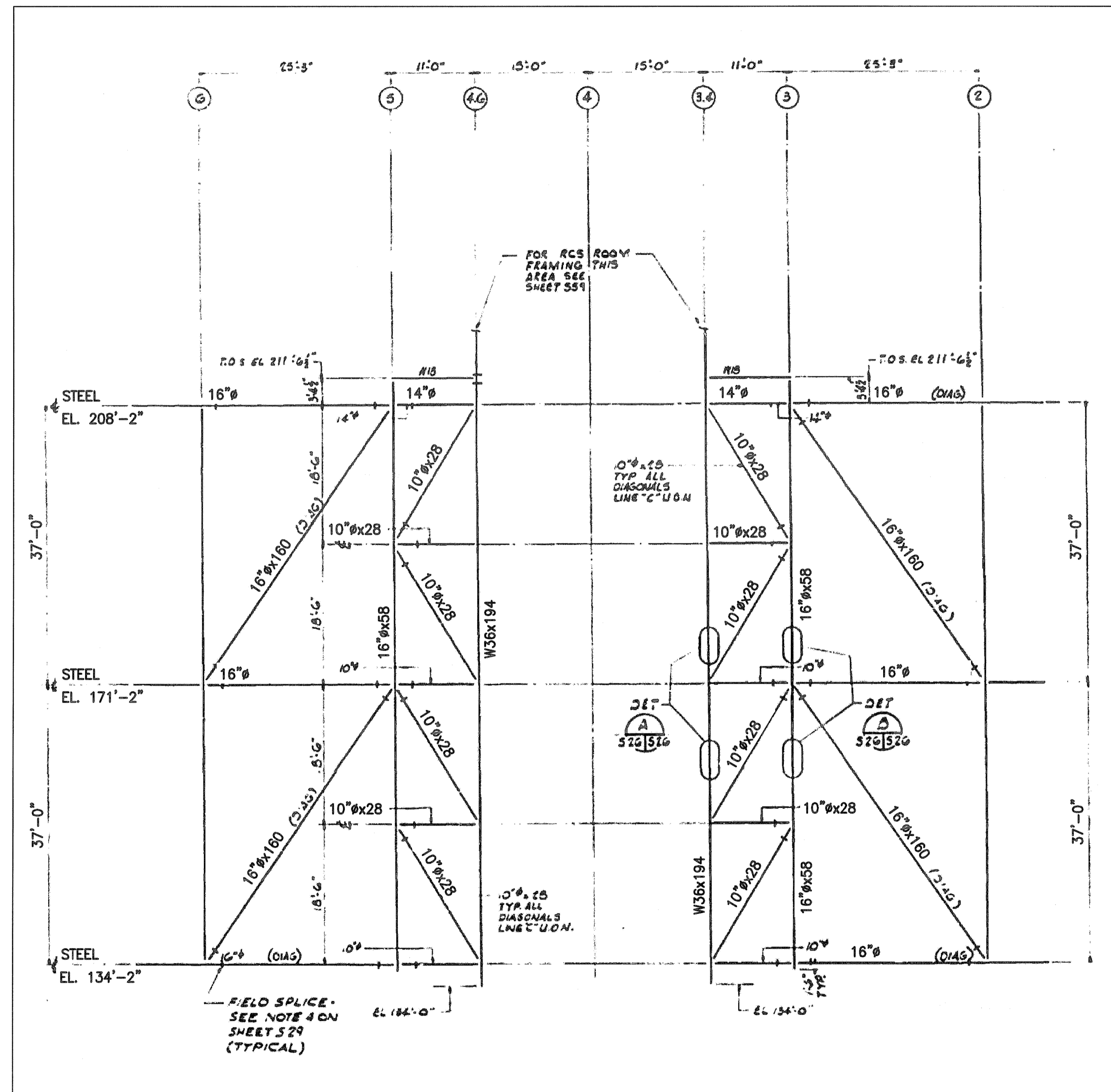
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REVISIONS				
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JONES EDMUNDS
 730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	RSS MAIN FRAMING STRUCTURAL ELEV LINE B
SUBMITTED <i>[Signature]</i>	06/24/09	
APPROVED <i>[Signature]</i>	DATE 06/24/09	SIZE DWG. NO. F 222W2200001
TITLE		PROJ. NO. 98580 SHEET 27

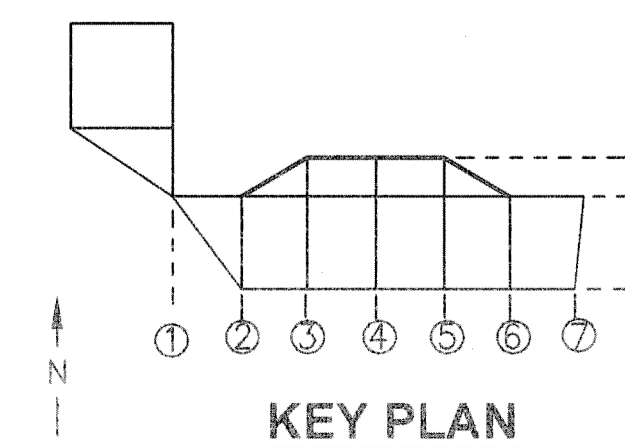


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RSS MAIN FRAMING STRUCTURAL ELEV LINE C

NTS - SOURCE FILE 79K14110 SHEET S26

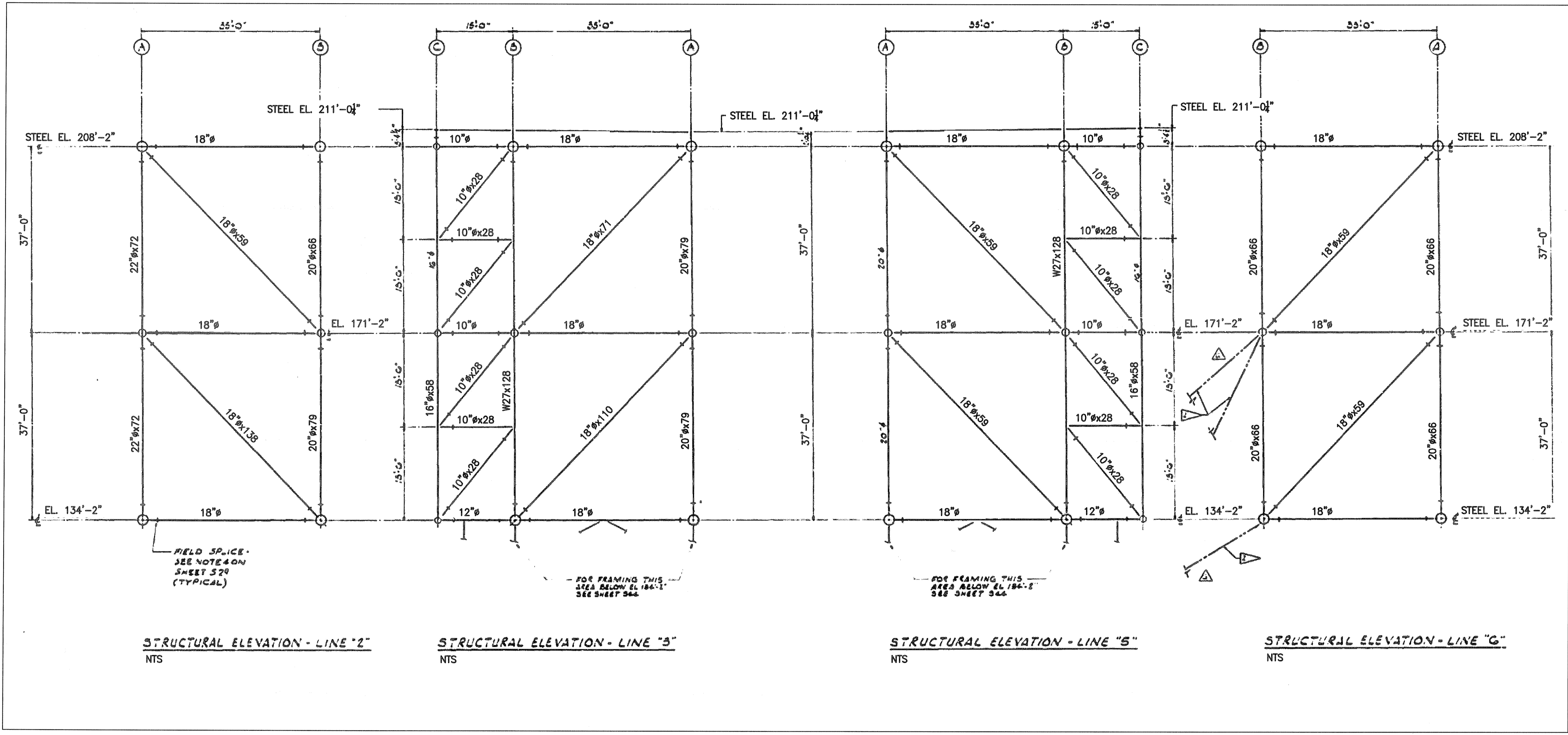


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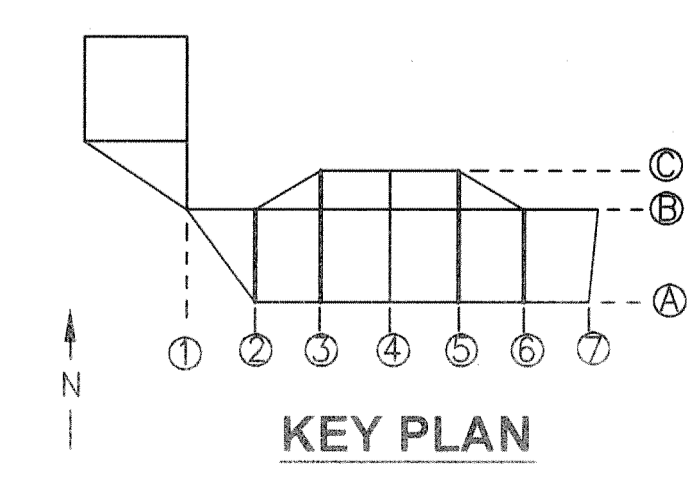
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S13.DWG				
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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED <i>[Signature]</i>		6/24/09		
APPROVED <i>[Signature]</i>		6/24/09		
TITLE		SIZE	DWG. NO.	REV
S13		F	222W2200001	
PROJ. NO. 98580		SHEET 28		

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 JOHN F. KENNEDY SPACE CENTER, NASA
 KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
 FSS/RSS AT LAUNCH COMPLEX 39B,
 DEMOLITION PACKAGE
 RSS MAIN FRAMING STRUCTURAL
 ELEV LINE C**

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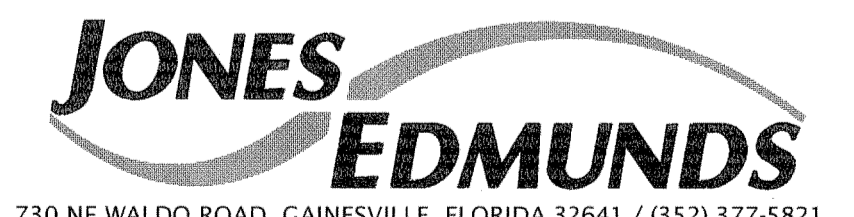


RSS MAIN FRAMING STRUCTURAL ELEV 2, 3, 5, AND 6
 NTS - SOURCE FILE 79K14110 SHEET S27



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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: 14005006-S14.DWG				

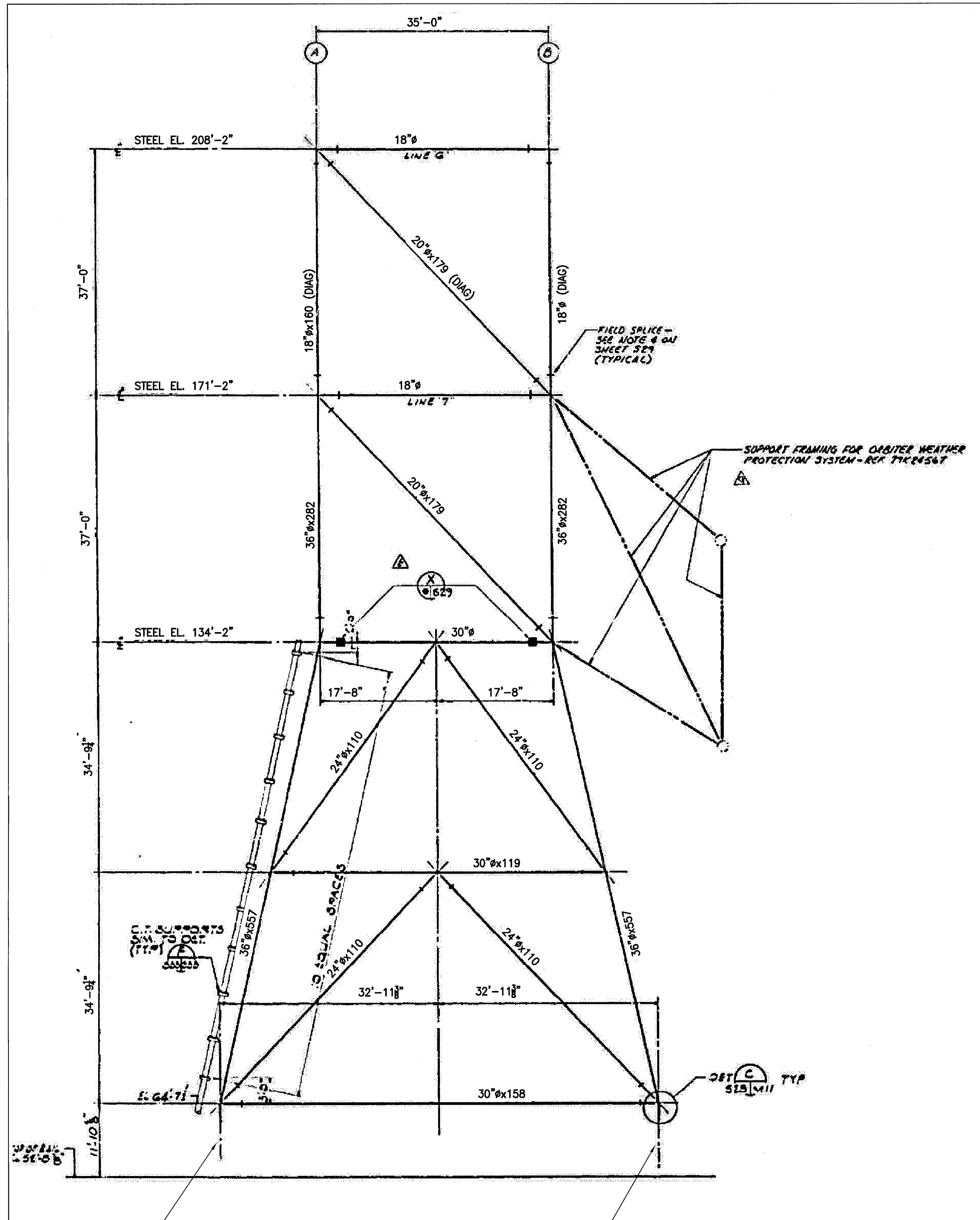


SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP		06/24/09	KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF	
S. BHIDE		06/24/09	FSS/RSS AT LAUNCH COMPLEX 39B,	
DESIGNED		06/24/09	DEMOLITION PACKAGE	
N. PONTILLO		06/24/09	RSS MAIN FRAMING STRUCTURAL ELEV	
SUBMITTED		6/24/09	LINE 2 3 5 AND 6	
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	
S14		98580	29	

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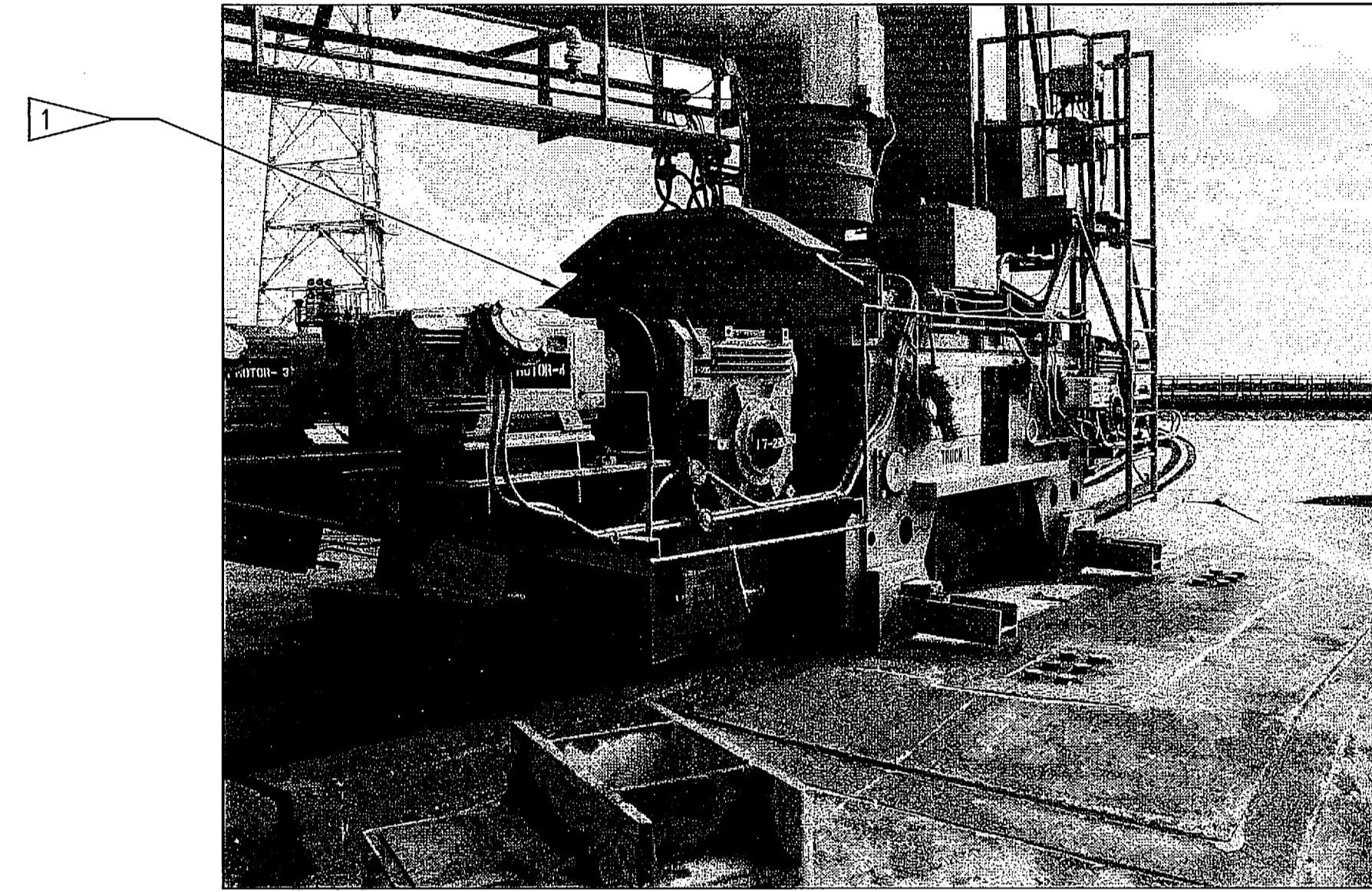
FLAG NOTES

- 1 FORWARD RSS TRUCK
- 2 AFT RSS TRUCK

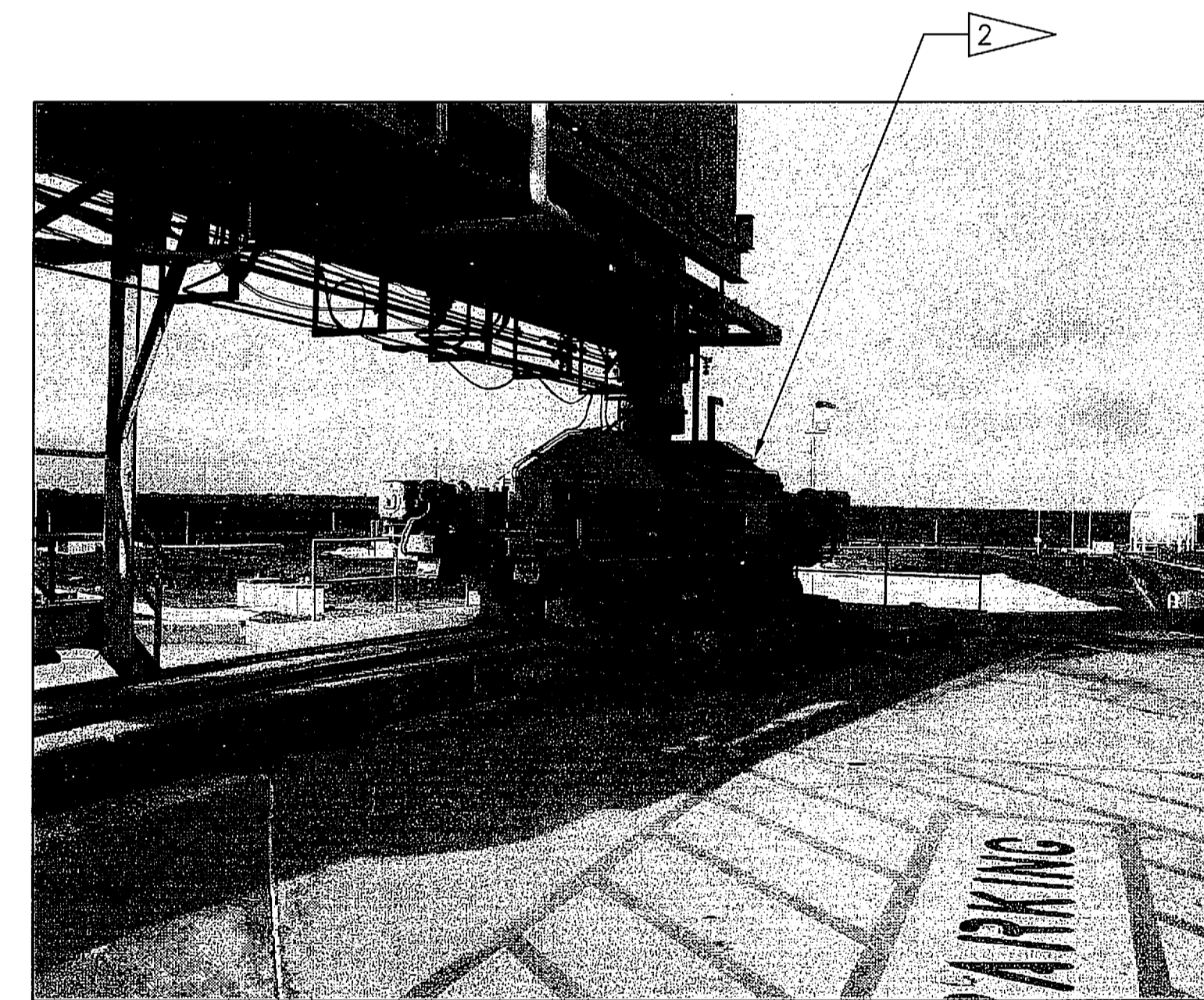


RSS MAIN FRAMING STRUCTURAL ELEV LINE 7

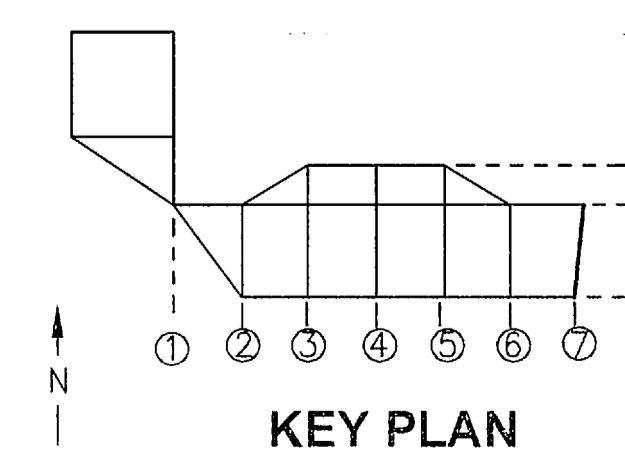
NTS - SOURCE FILE 79K14110 SHEET S28



FORWARD RSS TRUCK
(LOOKING EAST WITH RSS LOCKED IN HURRICANE STATE)



AFT RSS TRUCK
(LOOKING WEST WITH RSS LOCKED IN HURRICANE STATE)



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SIGNATURES		DATE		
DRAWN		06/24/09		
S. HAFERKAMP				
CHECKED		06/24/09		
S. BHIDE				
DESIGNED		06/24/09		
N. PONTILLO				
SUBMITTED		6/24/09		
[Signature]				
APPROVED		DATE		
[Signature]		6/24/09		
TITLE		REV		
S15		F		

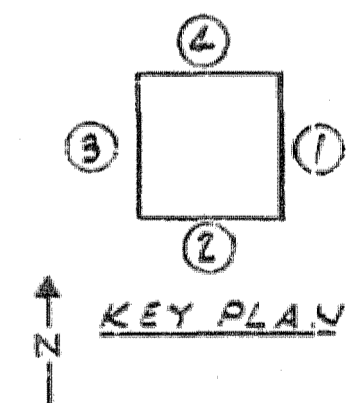
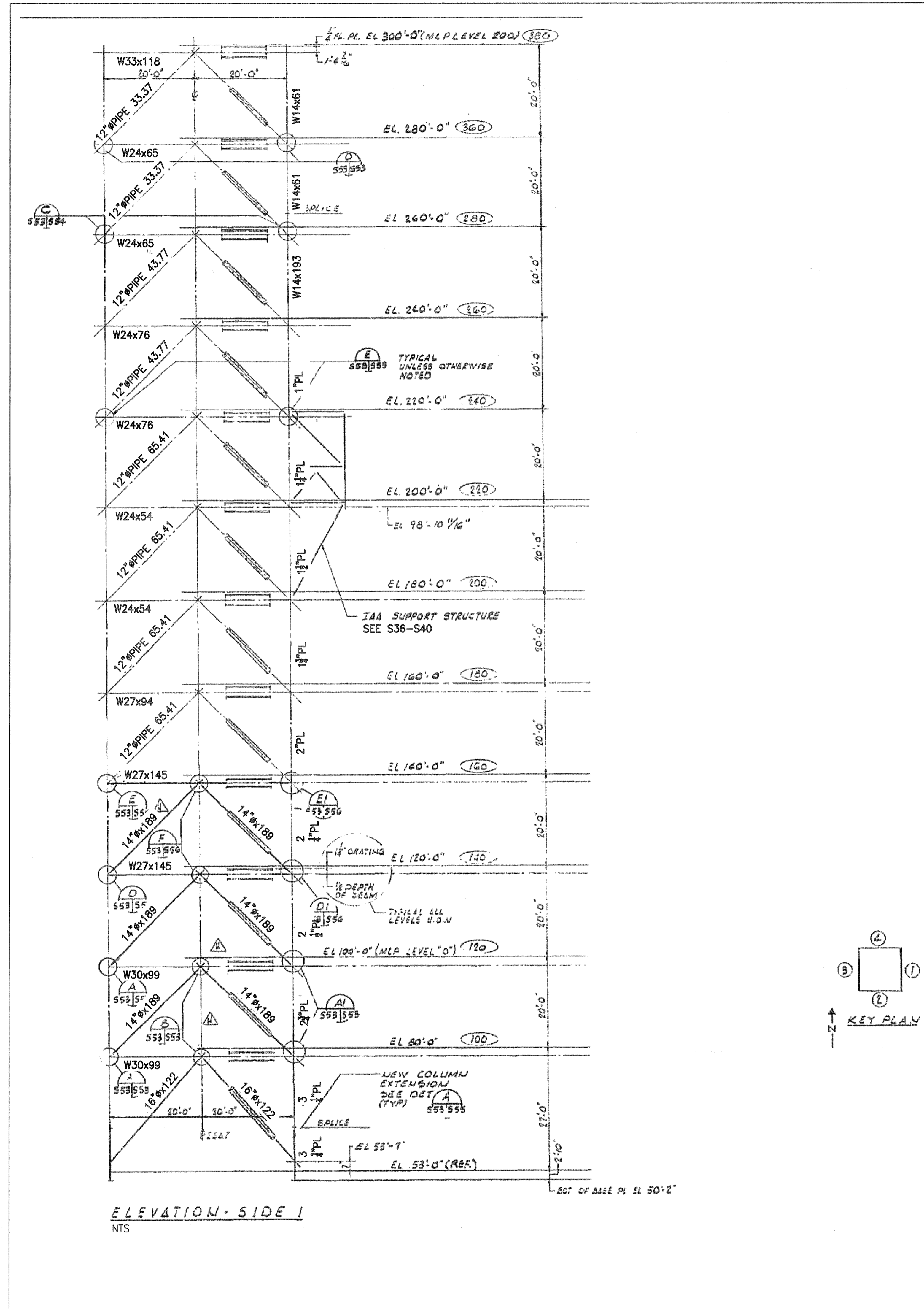
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 JOHN F. KENNEDY SPACE CENTER, NASA
 KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
 FSS/RSS AT LAUNCH COMPLEX 39B,
 DEMOLITION PACKAGE**
**RSS MAIN FRAMING STRUCTURAL ELEV
 LINE 7**

SIZE DWG. NO. 222W2200001
 PROJ. NO. 98580 SHEET 30

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NOTES

- FRAMING PLANS AND LEVEL REFERENCE NUMBERS ARE FROM THE ORIGINAL ML-2 DRAWINGS. CORRESPONDING FSS ELEVATIONS ARE INDICATED ON SHEET S6.



ELEVATION - SIDE 1
NTS

FSS STRUCTURAL ELEVATION SIDE 1

NTS - SOURCE FILE 79K10338 SHEET S53

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

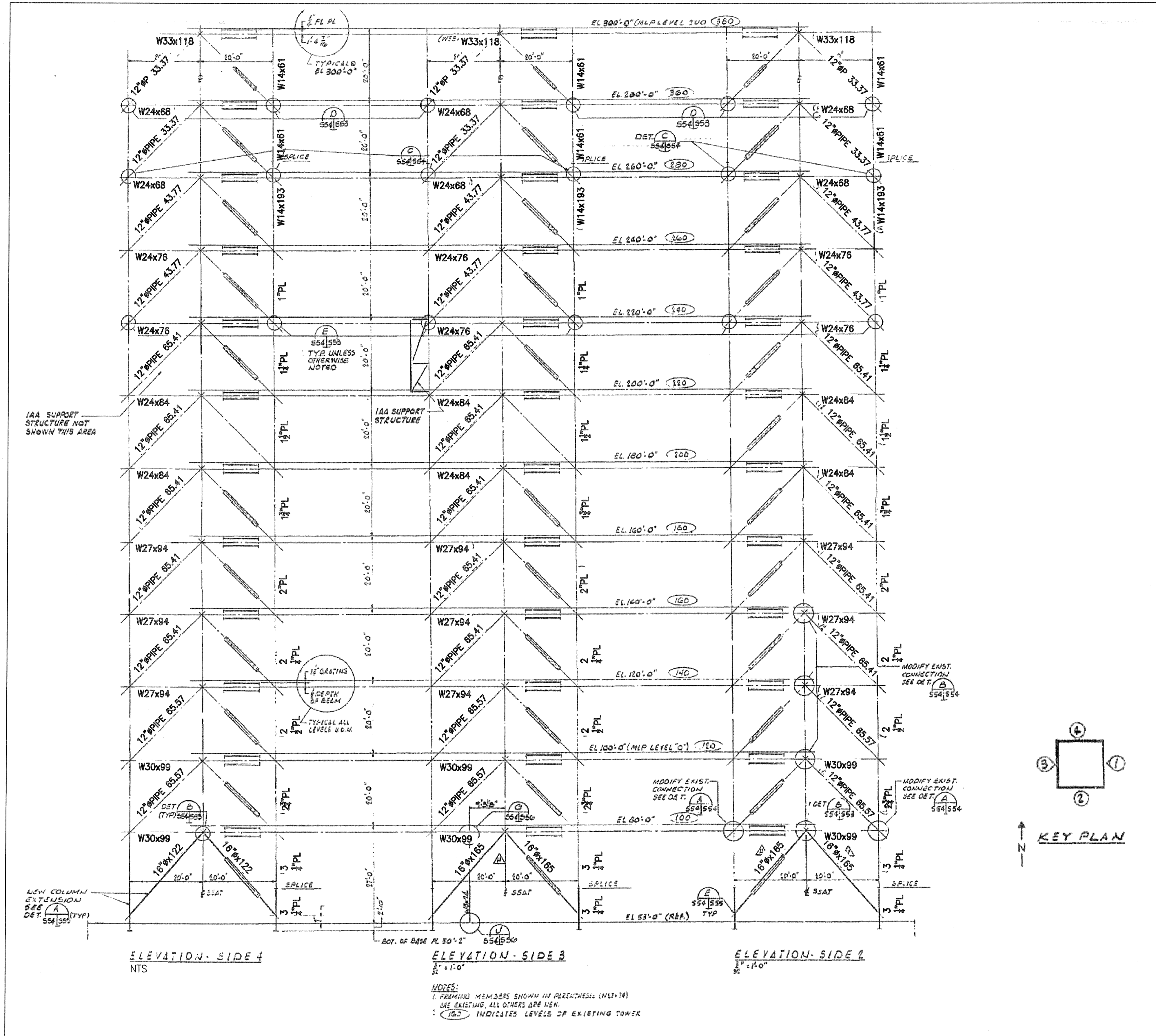
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	FSS STRUCTURAL ELEVATION SIDE 1
SUBMITTED NP	6/24/09	
APPROVED <i>[Signature]</i>	DATE	SIZE DWG. NO.
		F 222W2200001
TITLE		PROJ. NO. 98580
		SHEET 31

S16

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NOTES

- FRAMING PLANS AND LEVEL REFERENCE NUMBERS ARE FROM THE ORIGINAL ML-2 DRAWINGS. CORRESPONDING FSS ELEVATIONS ARE INDICATED ON SHEET S6.



FSS STRUCTURAL ELEVATIONS SIDES 2, 3 AND 4
 NTS - SOURCE FILE 79K10338 SHEET S54

NOTES:
 1. FRAMING MEMBERS SHOWN IN PARENTHESES (ML-2)
 ARE EXISTING, ALL OTHERS ARE NEW.
 2. (R) INDICATES LEVELS OF EXISTING TOWER

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

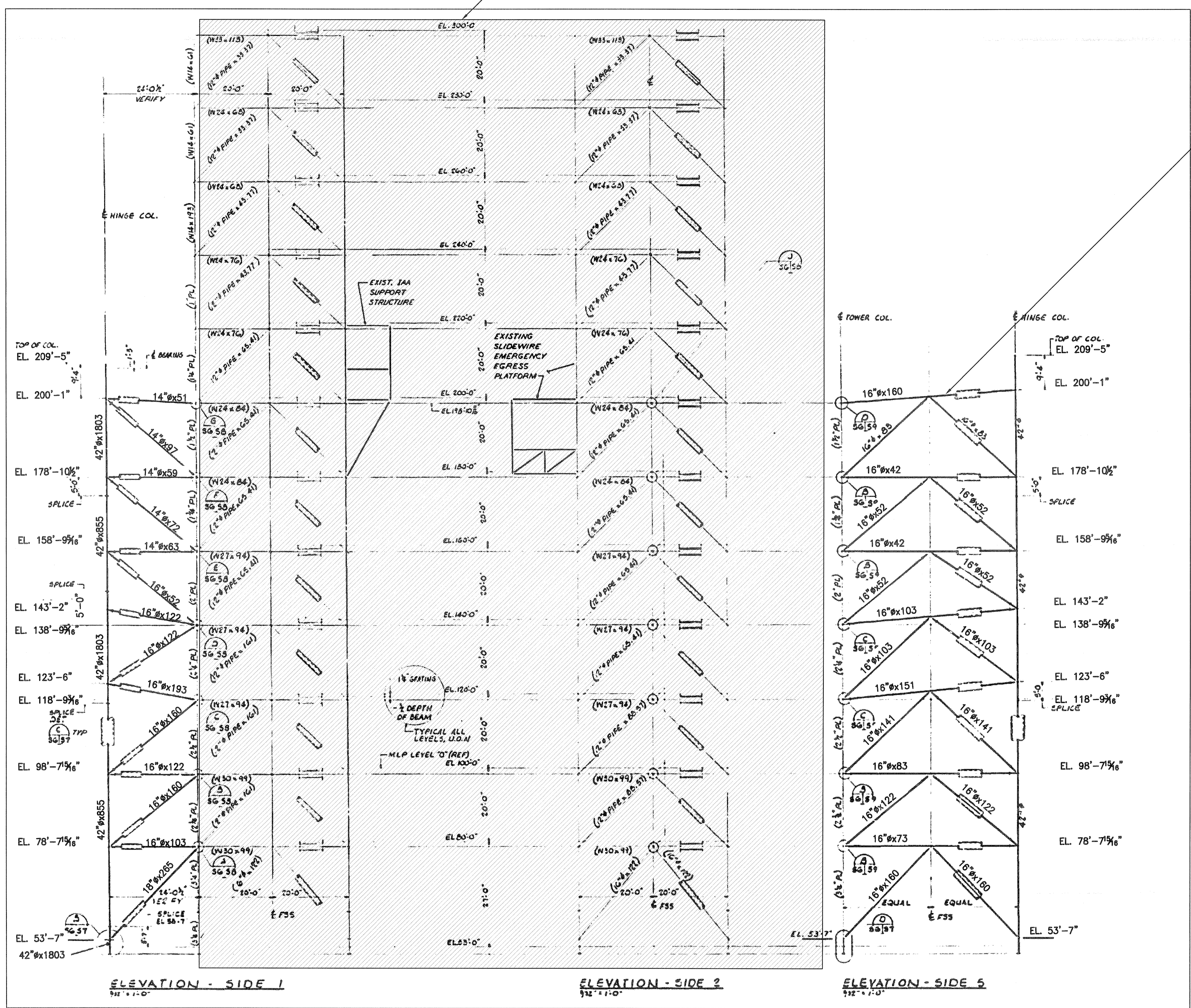
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS STRUCTURAL ELEVATIONS SIDES 2 3 AND 4		
CHECKED S. B'HIDE	06/24/09			
DESIGNED N. PONTILLO	06/24/09			
SUBMITTED [Signature]	6/24/09			
APPROVED [Signature]	6/24/09			
S17		SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 32	

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FLAG NOTES

1 SEE SHEETS S16 AND S17 FOR FSS ELEVATIONS.

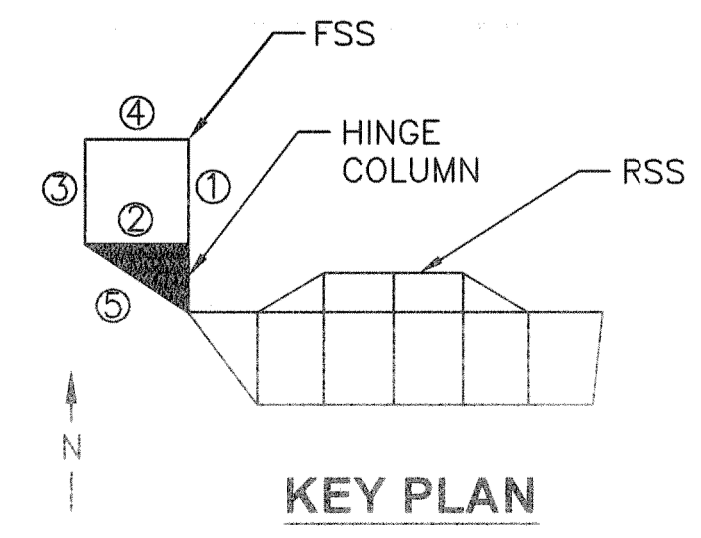
2 SEE SHEETS S31-S34 FOR HINGE COLUMN FRAMING PLANS.



2 TYP

FSS HINGE COLUMN EXTENSION STRUCTURAL ELEVATIONS SIDES 1, 2, AND 5

NTS - SOURCE FILE 79K14110 SHEET 56



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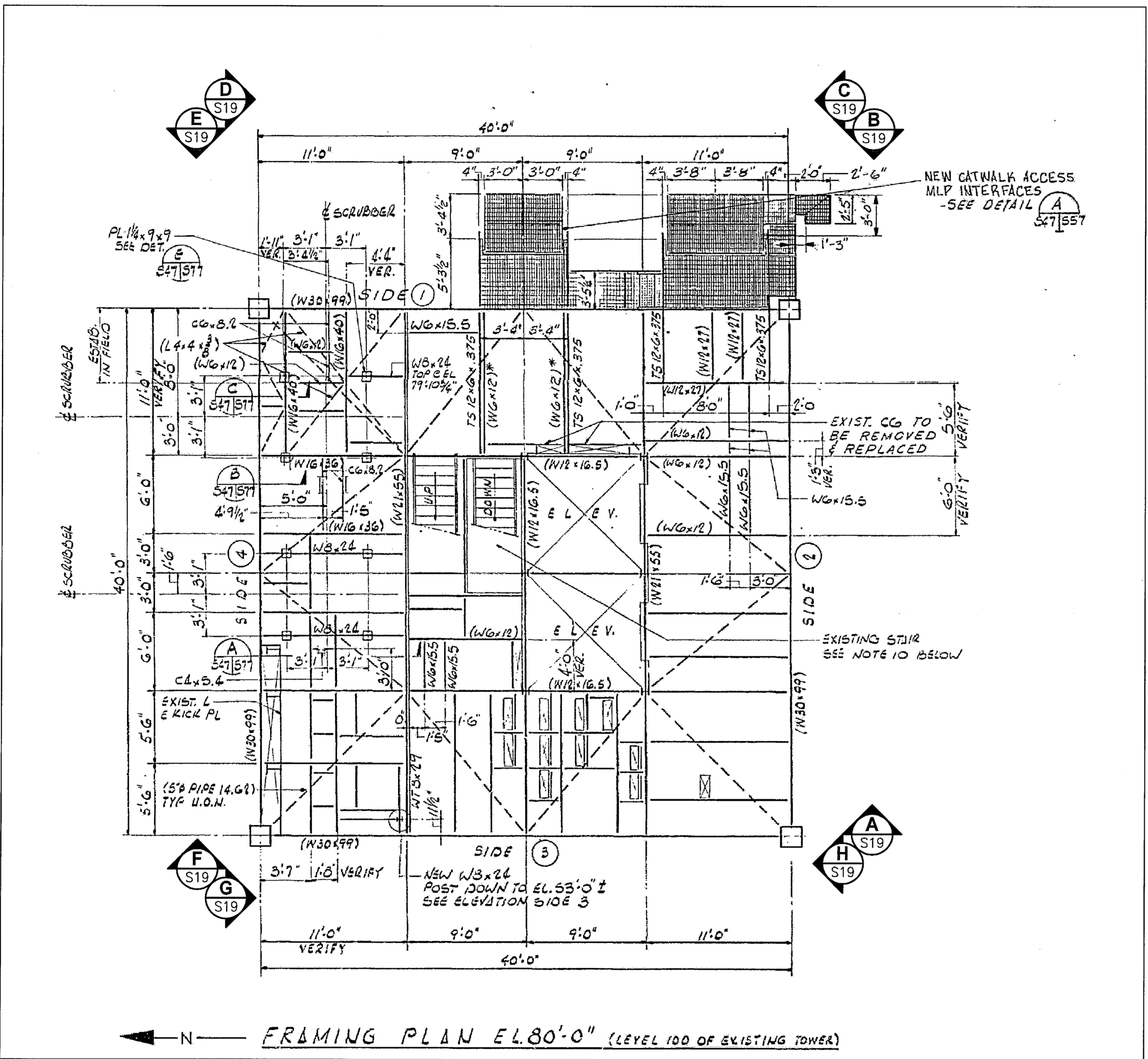
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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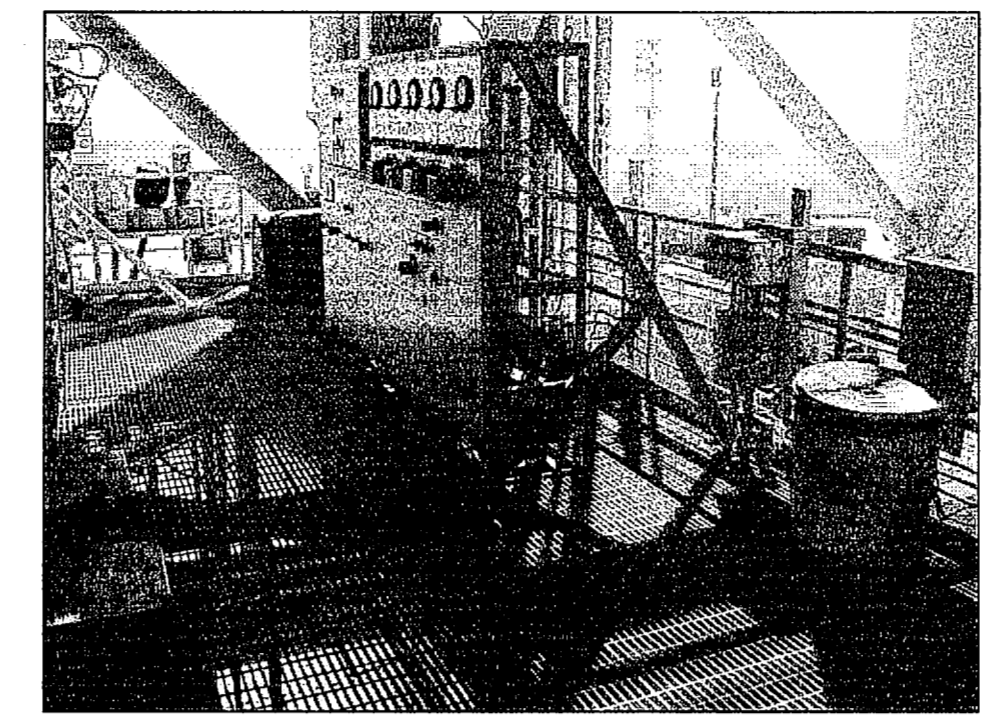
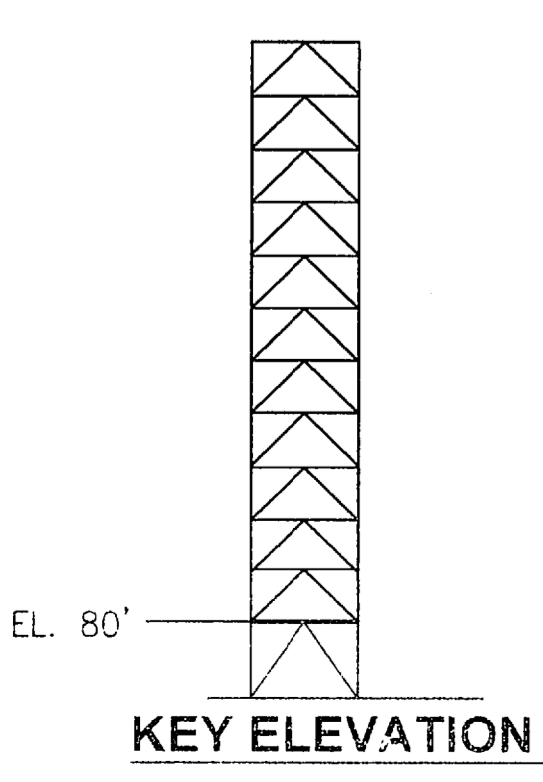
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE., SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS STRUCTURAL ELEVATIONS SIDES 1 2 AND 5	
DESIGNED	N. PONTILLO	06/24/09		
SUBMITTED	[Signature]	6/24/09		
APPROVED	[Signature]	DATE	SIZE	DWG. NO.
			F	222W2200001
TITLE		PROJ. NO.	SHEET	
S18		NO. 98580	33	

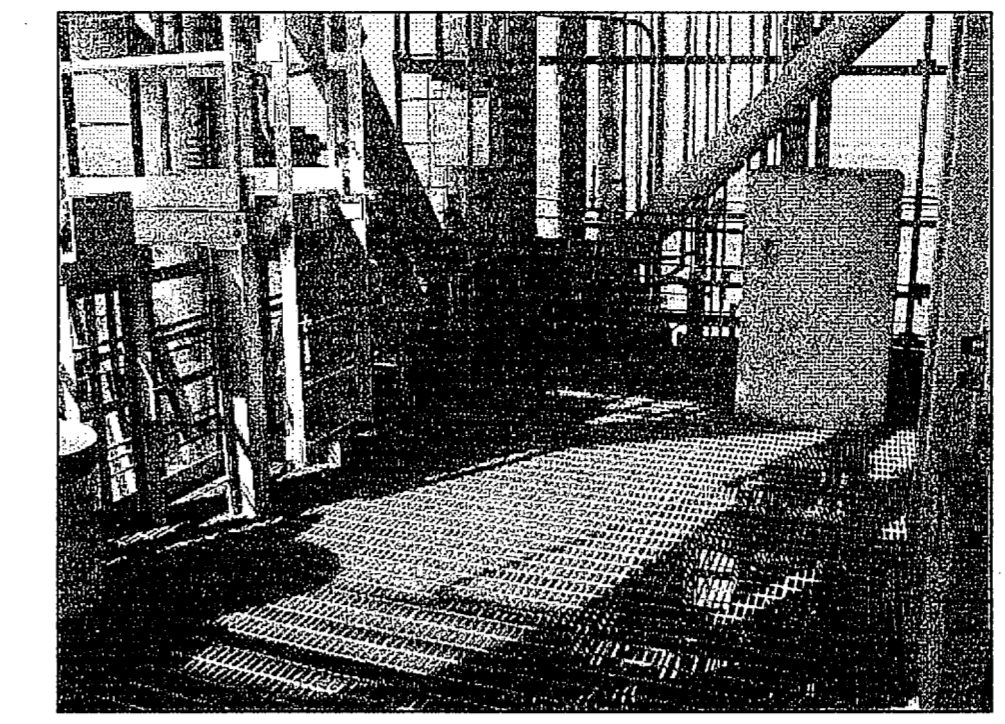
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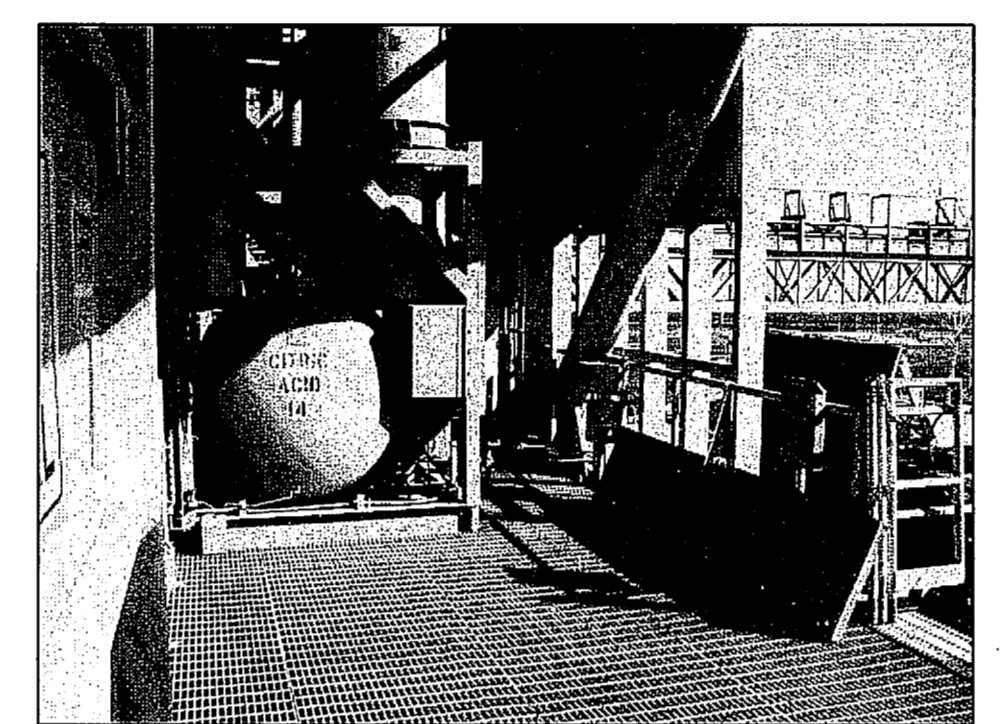
FSS FRAMING PLAN EL. 80'-0"
 NTS - SOURCE FILE 79K10338 SHEET S47



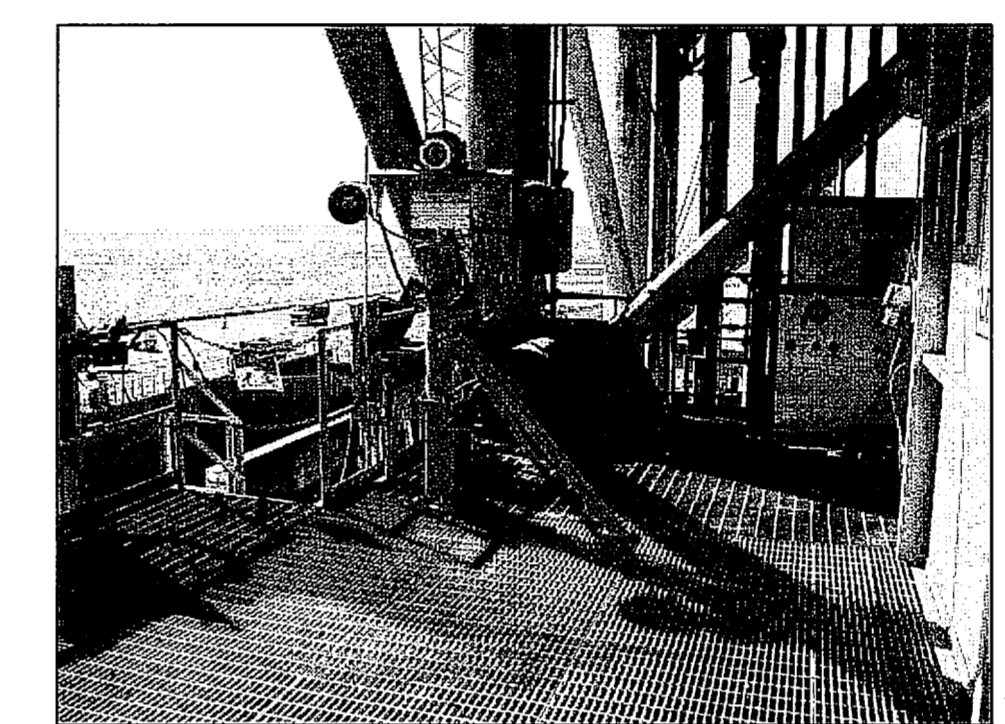
EL. 80'-0" A
 NTS S19



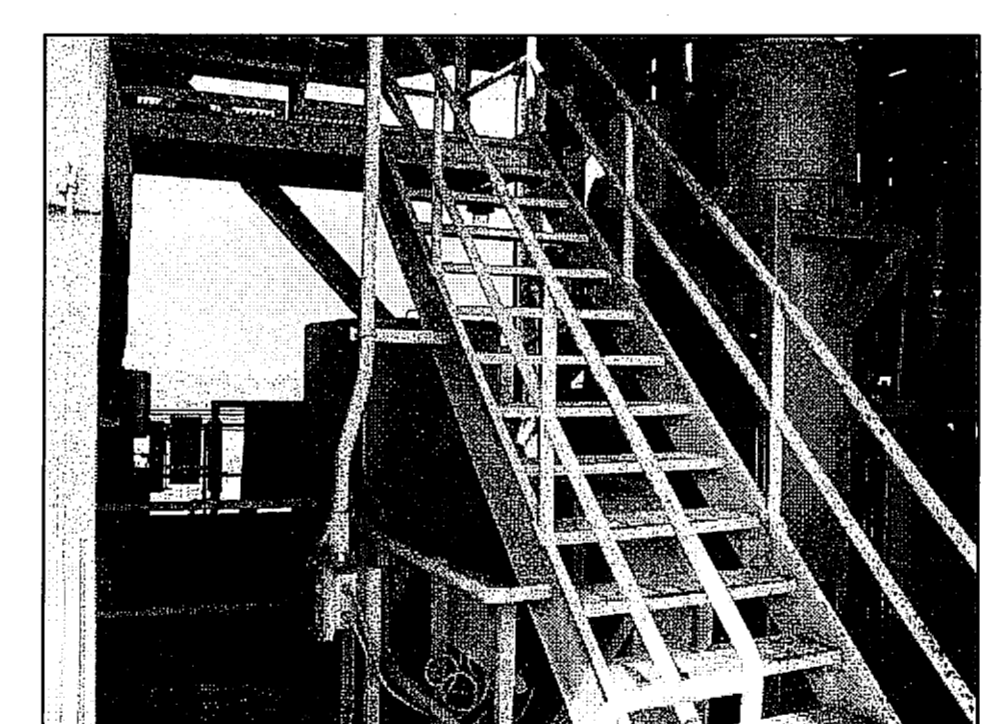
EL. 80'-0" B
 NTS S19



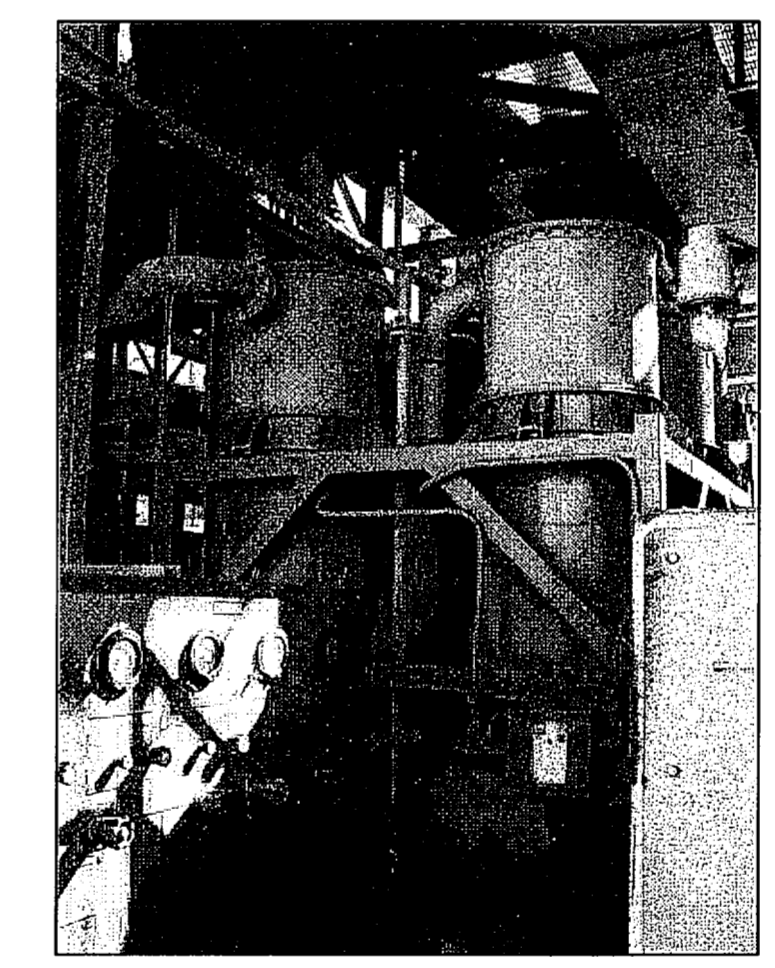
EL. 80'-0" C
 NTS S19



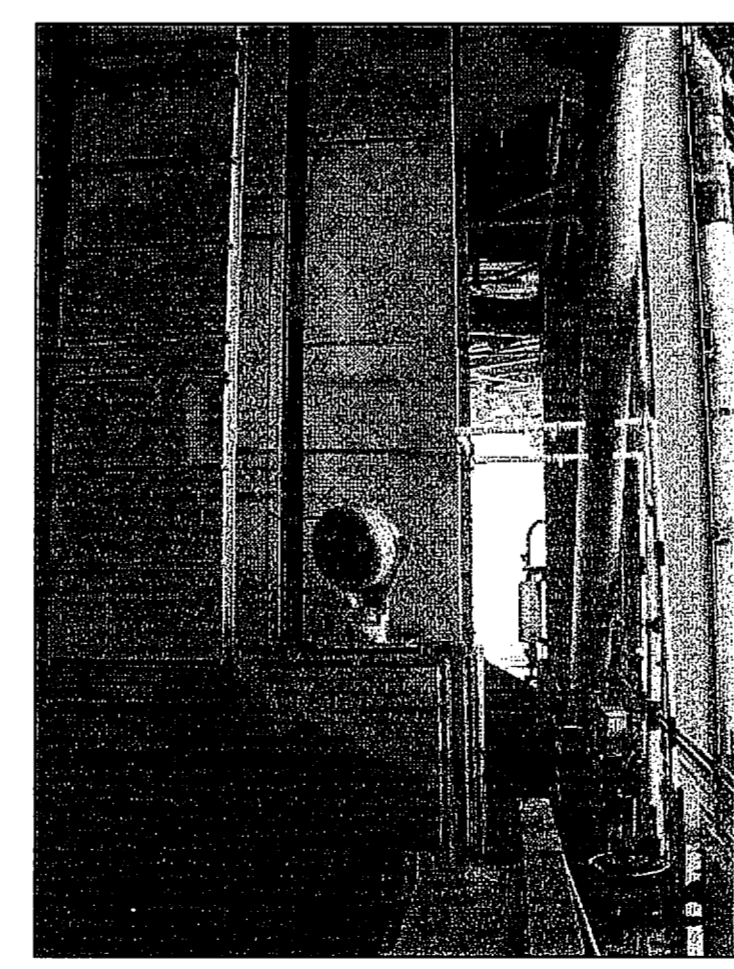
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 NTS S19



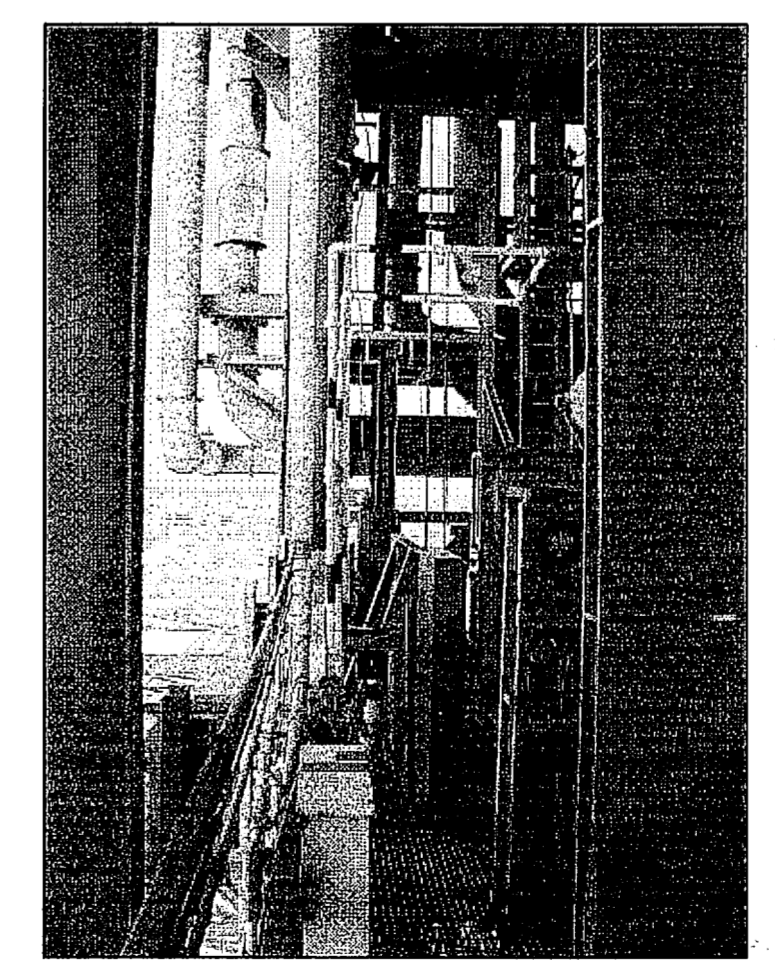
EL. 80'-0" E
 NTS S19



EL. 80'-0" F
 NTS S19



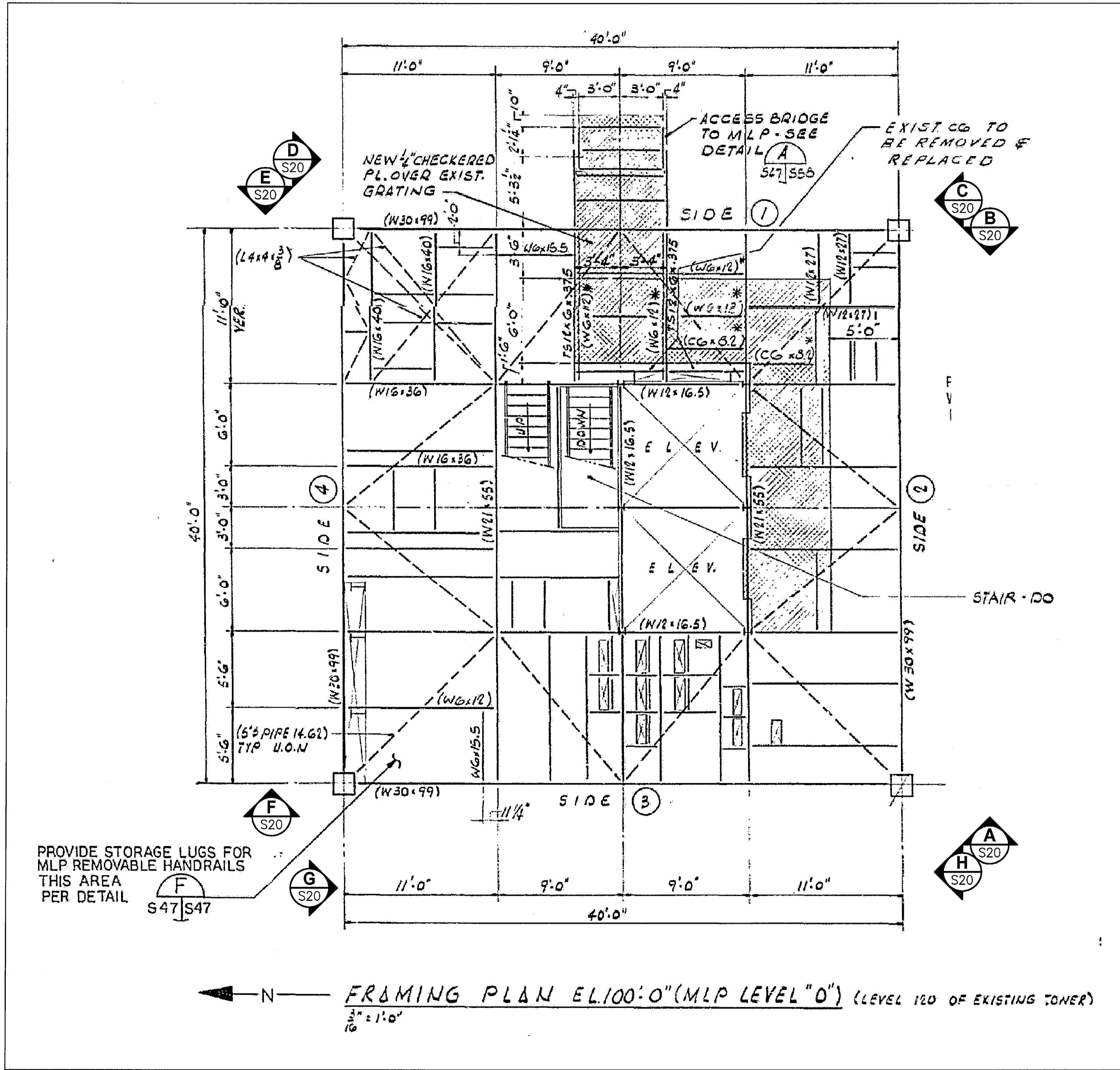
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 NTS S19



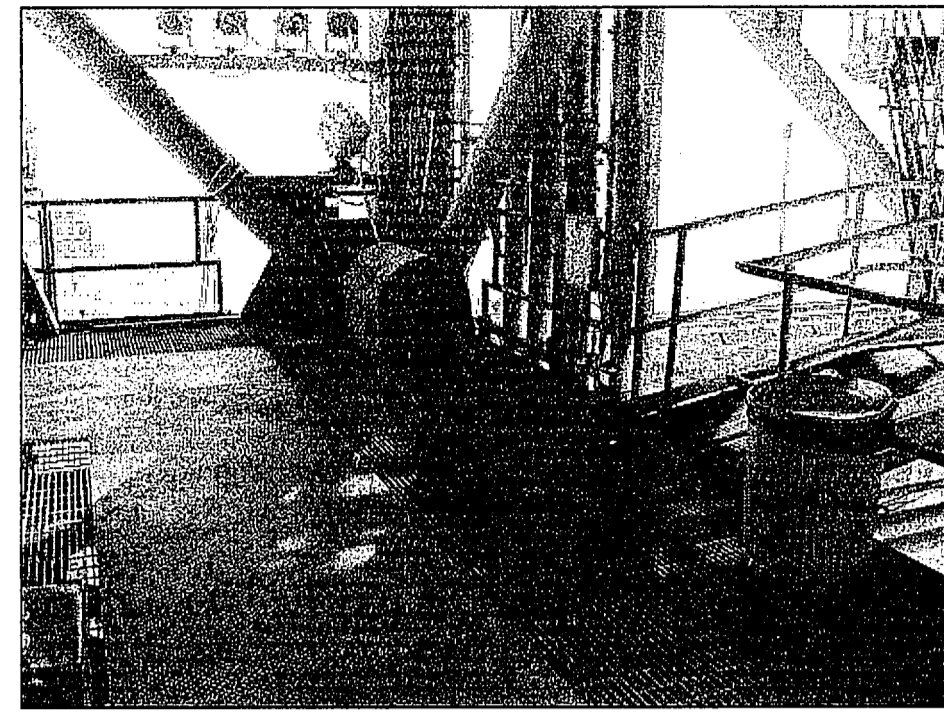
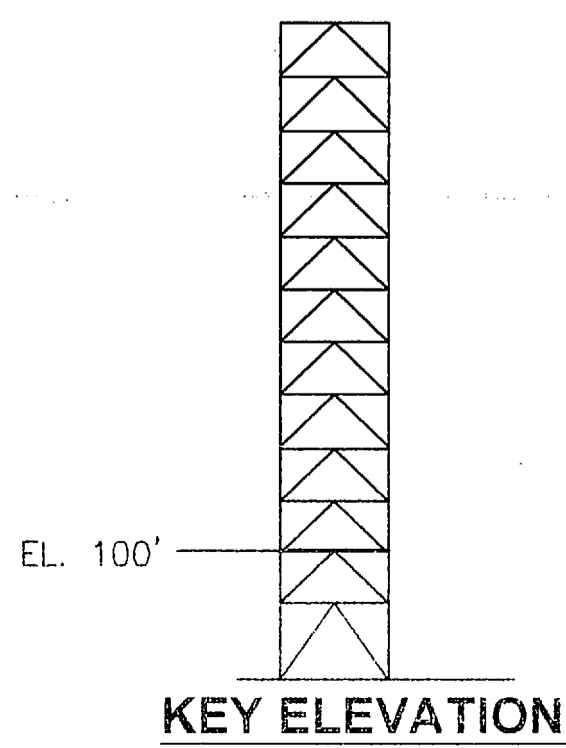
EL. 80'-0" H
 NTS S19

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REVISIONS				
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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
APPROVED 		DATE 06/24/09		
S19		SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580		SHEET 34

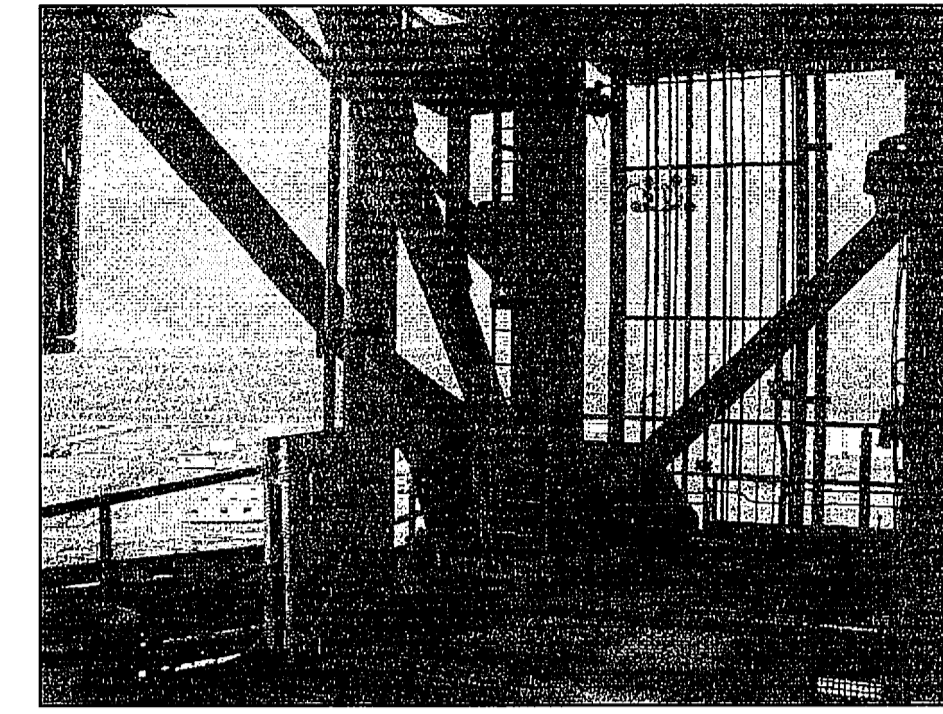
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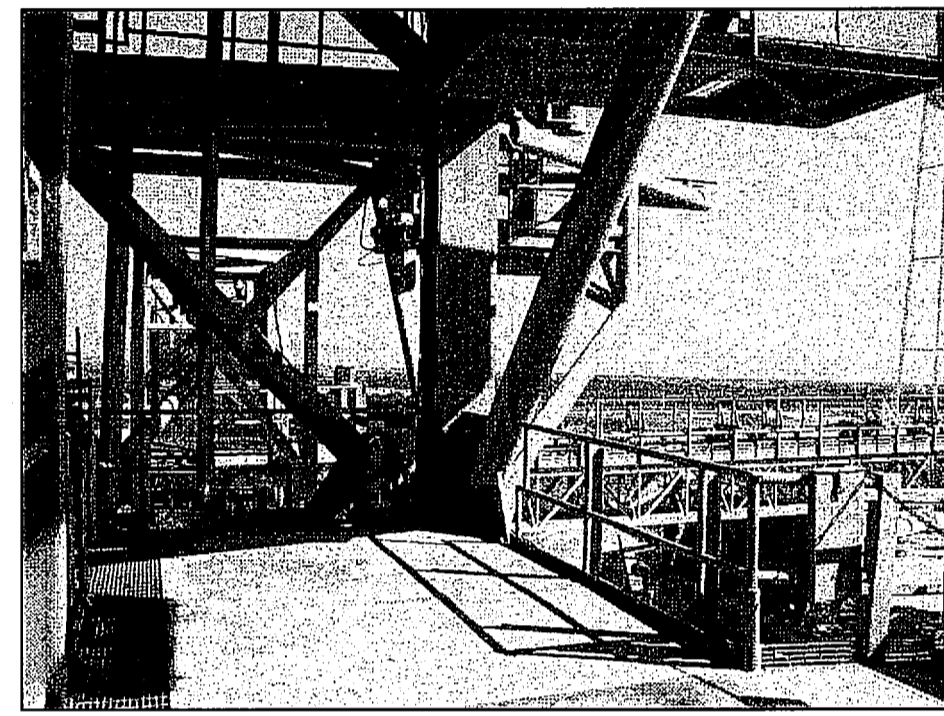
FSS FRAMING PLAN EL. 100'-0"
NTS - SOURCE FILE 79K10338 SHEET S47



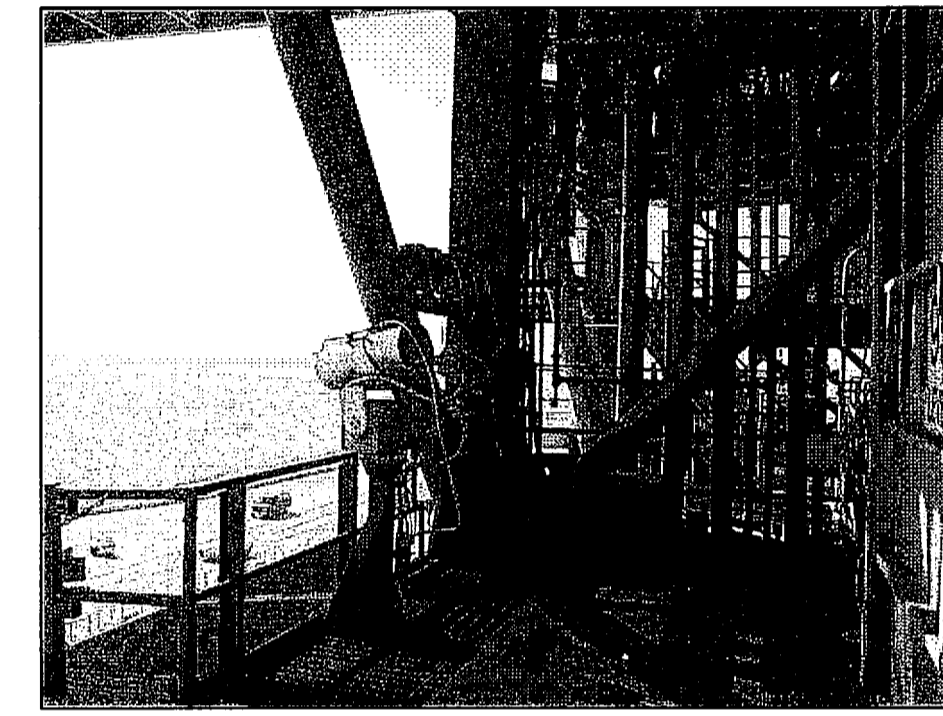
EL. 100'-0" A
NTS S20



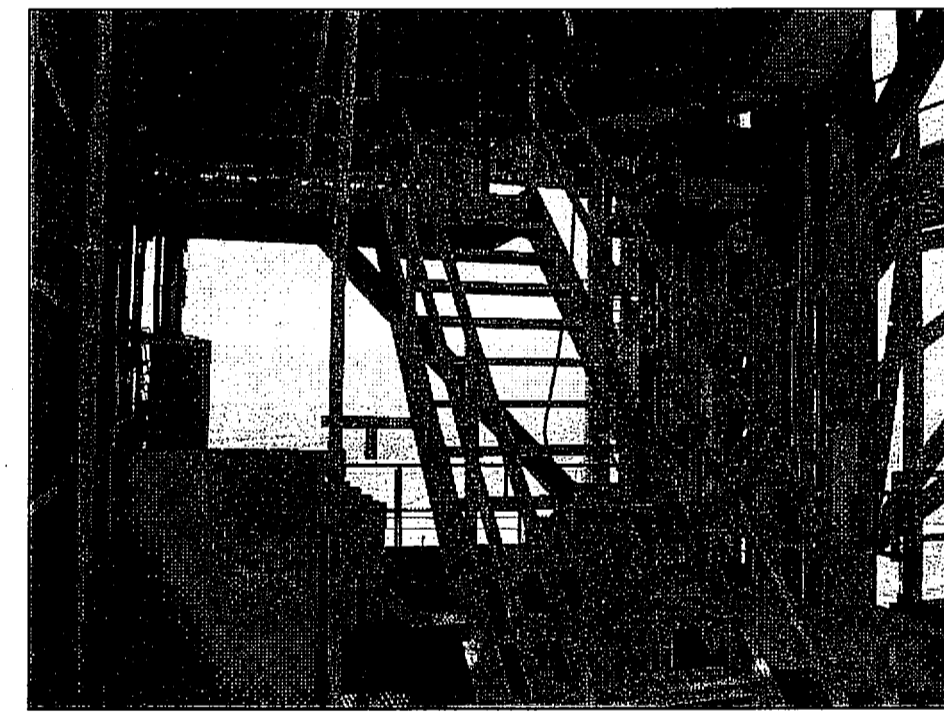
EL. 100'-0" B
NTS S20



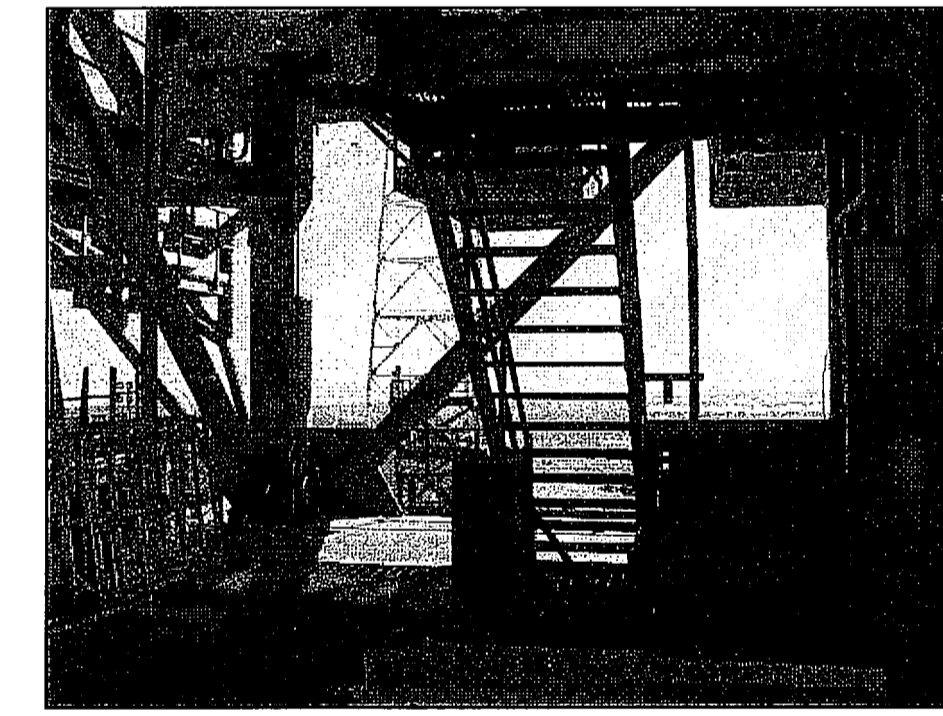
EL. 100'-0" C
NTS S20



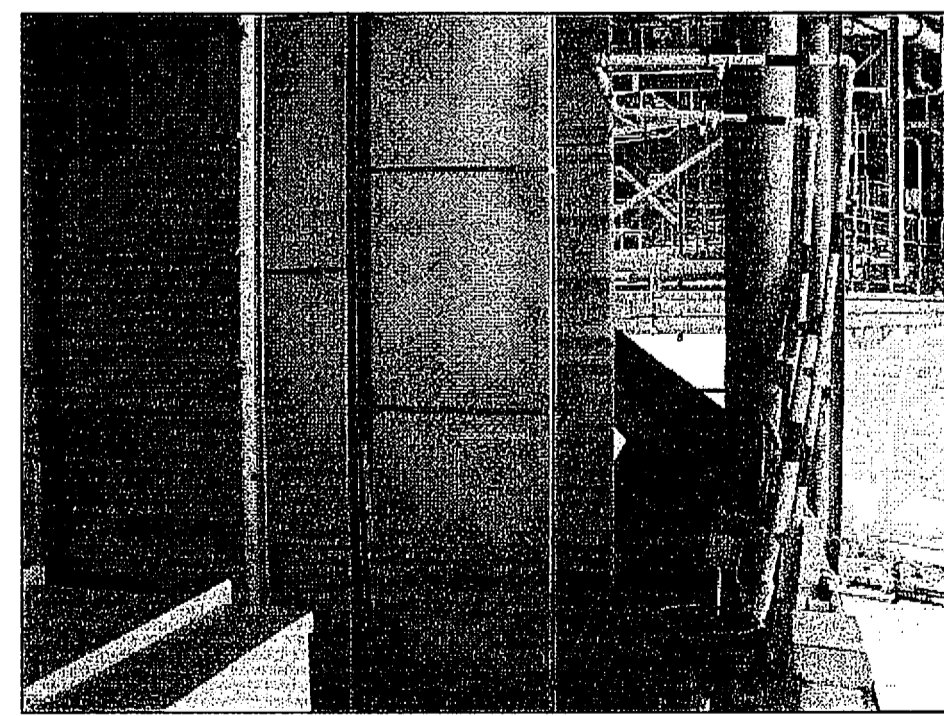
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NTS S20



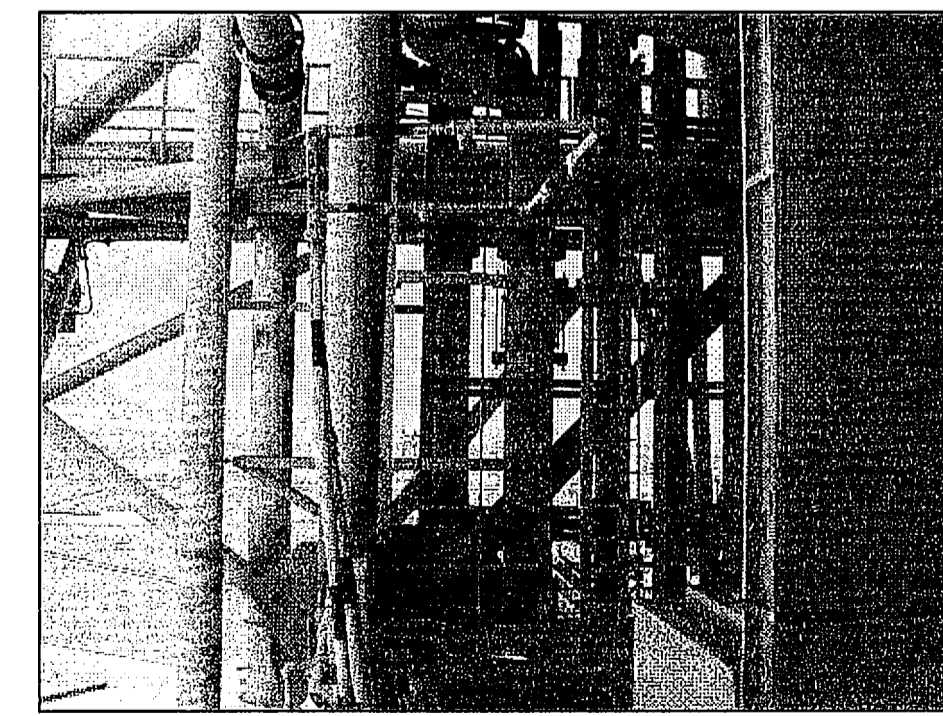
EL. 100'-0" E
NTS S20



EL. 100'-0" F
NTS S20



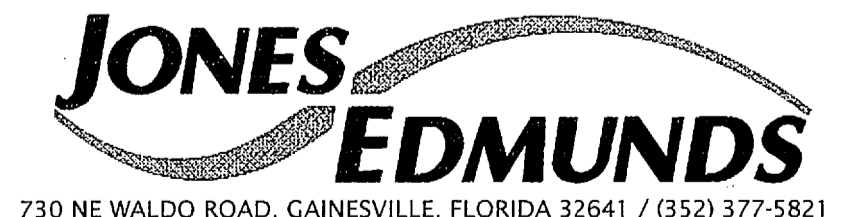
EL. 100'-0" G
NTS S20



EL. 100'-0" H
NTS S20

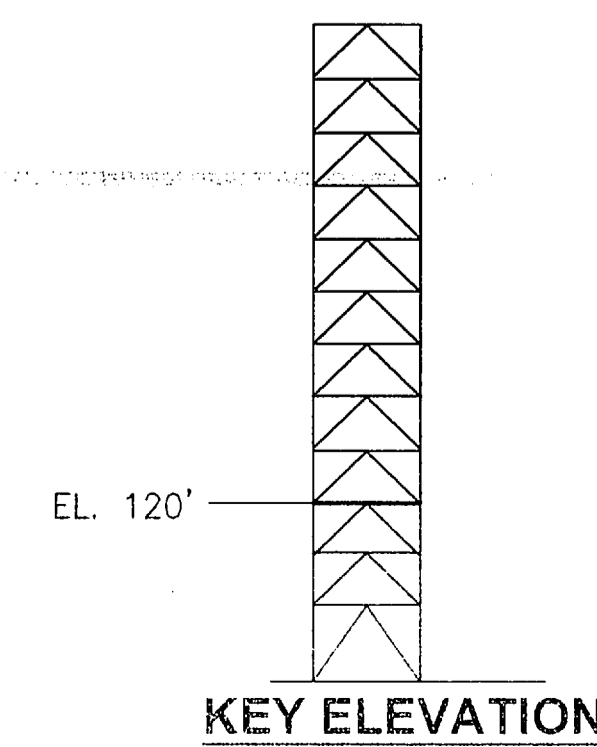
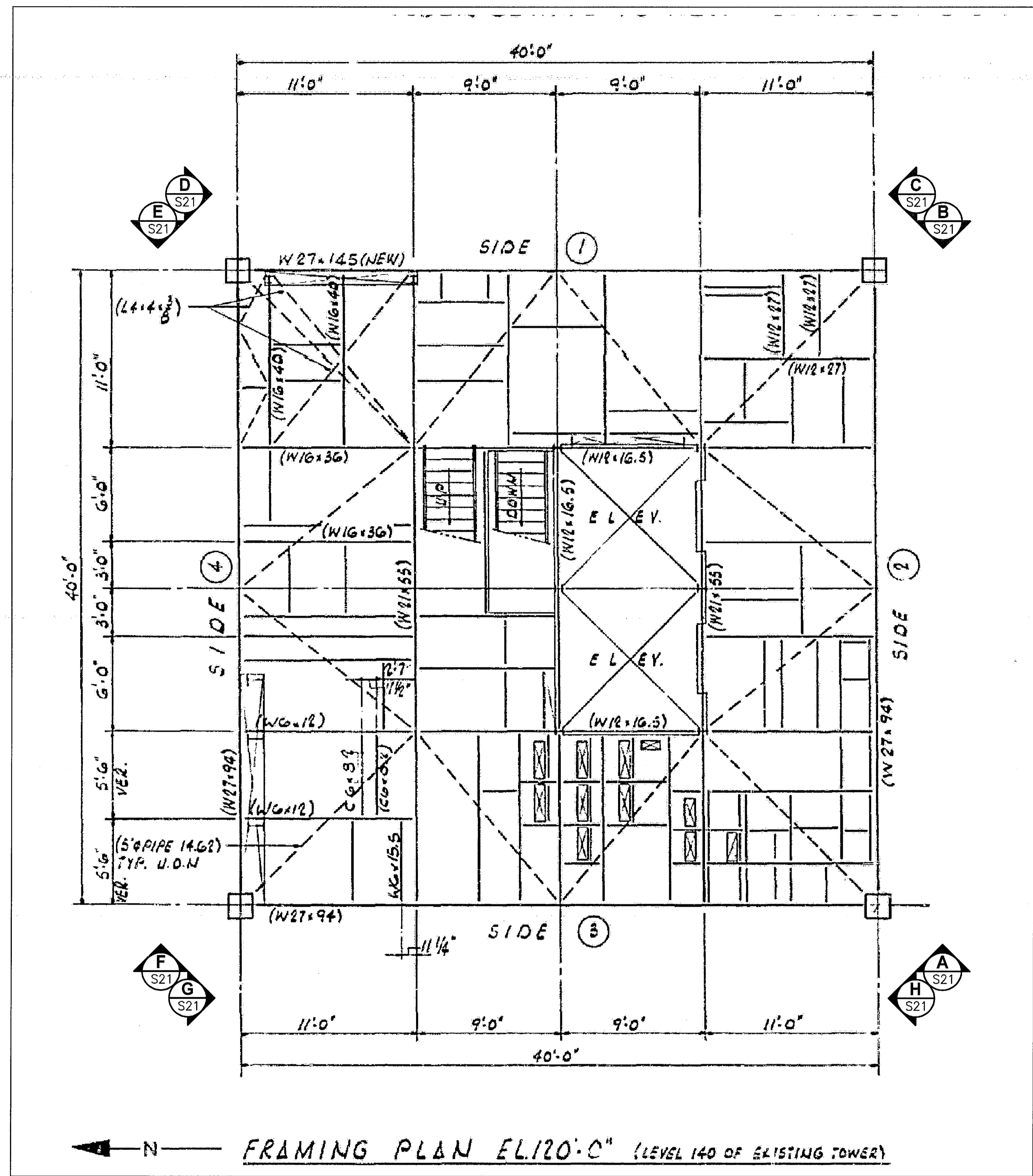
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REVISIONS				
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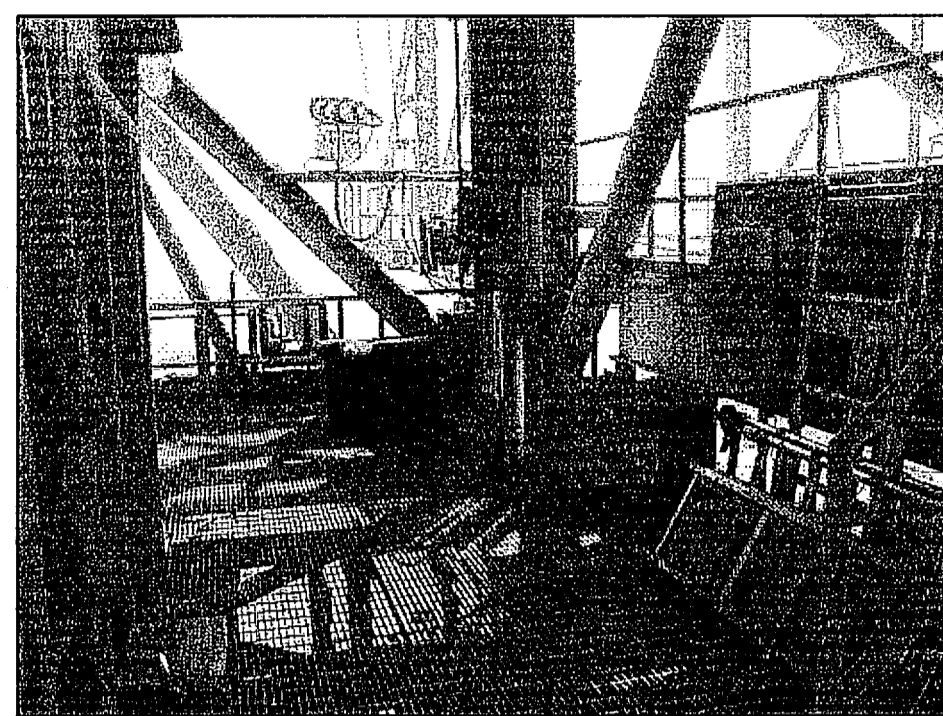
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO		06/24/09	FSS FRAMING PLAN EL. 100.0 FT	
SUBMITTED [Signature]		6/24/09		
APPROVED [Signature]		6/24/09	SIZE F	DWG. NO. 222W2200001
TITLE S20		PROJ. NO. 98580	SHEET 35	

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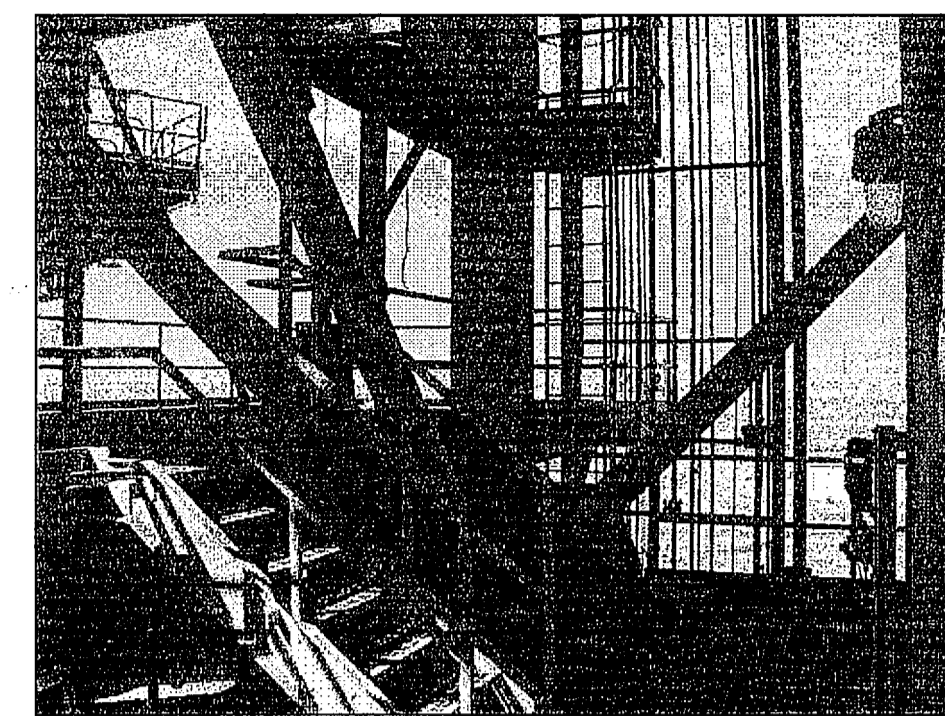


FSS FRAMING PLAN EL. 120'-0"

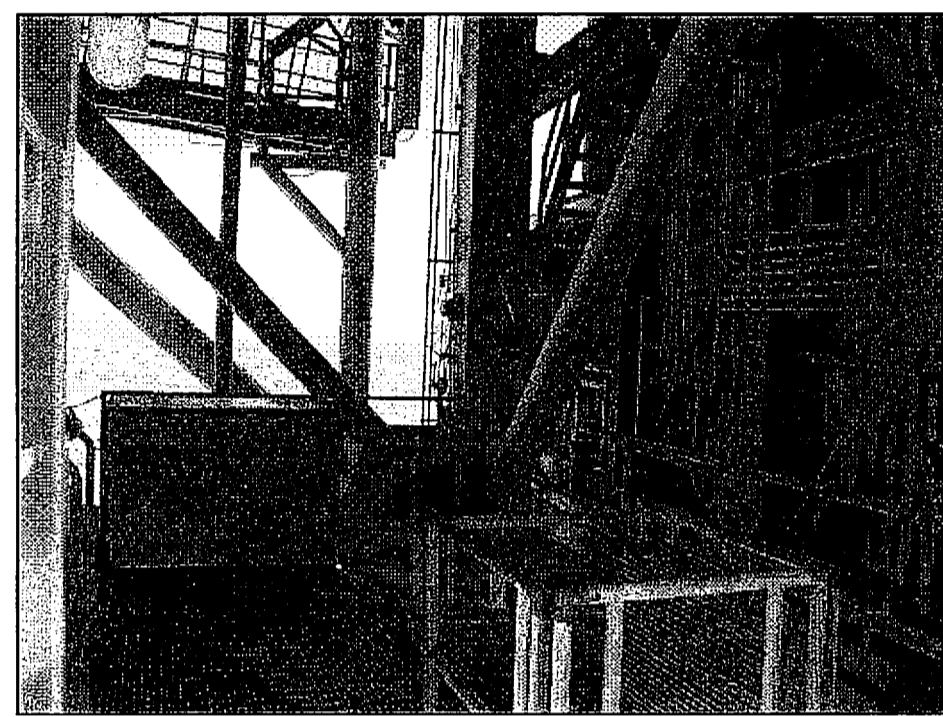
NTS - SOURCE FILE 79K10338 SHEET S48



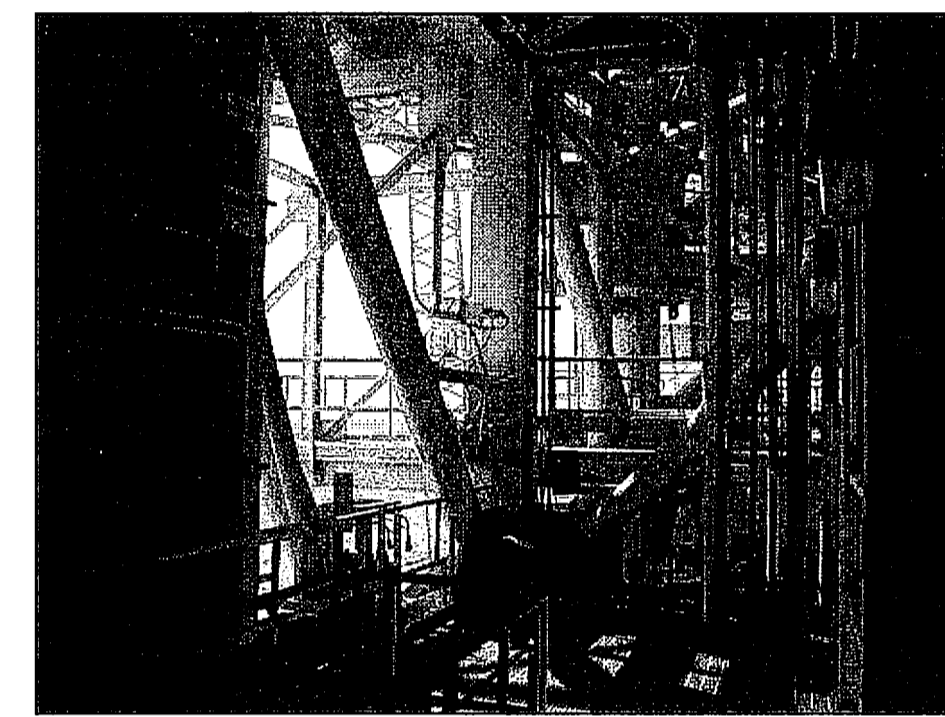
EL. 120'-0" A
NTS S21



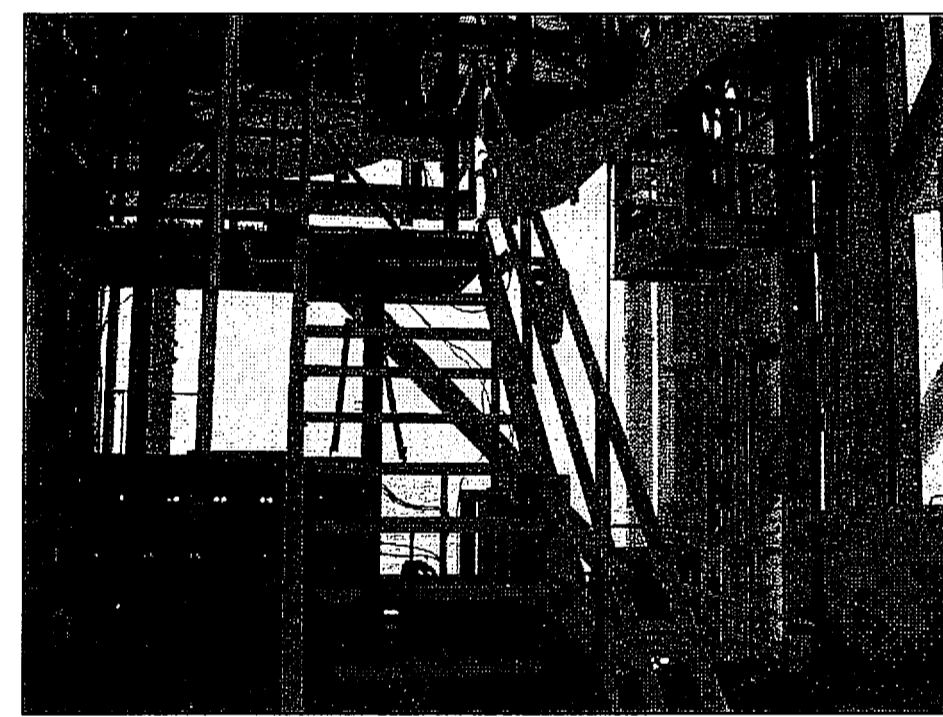
EL. 120'-0" B
NTS S21



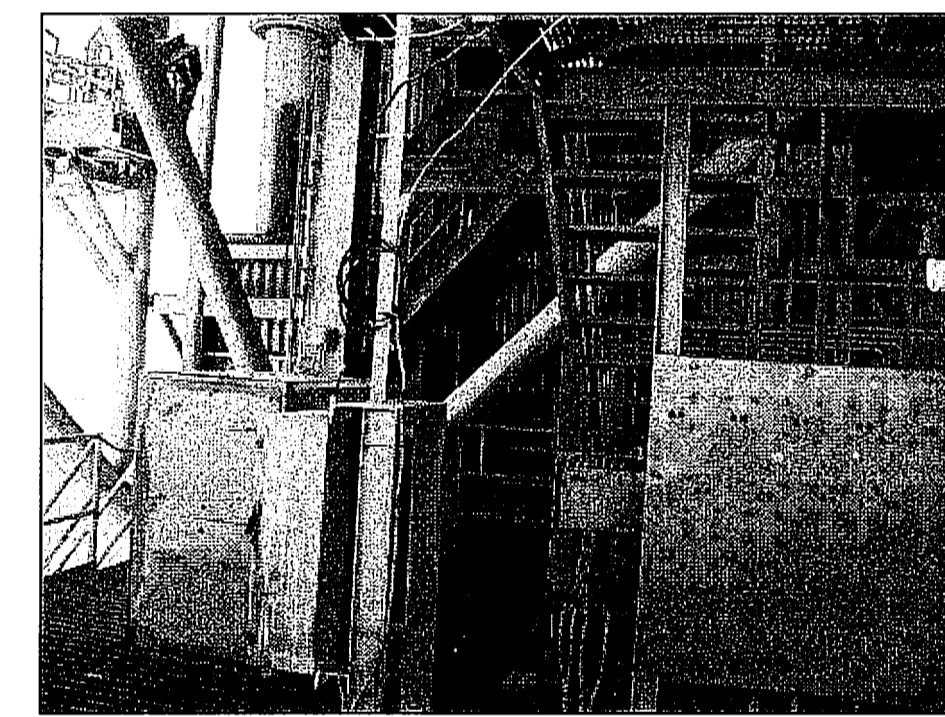
EL. 120'-0" C
NTS S21



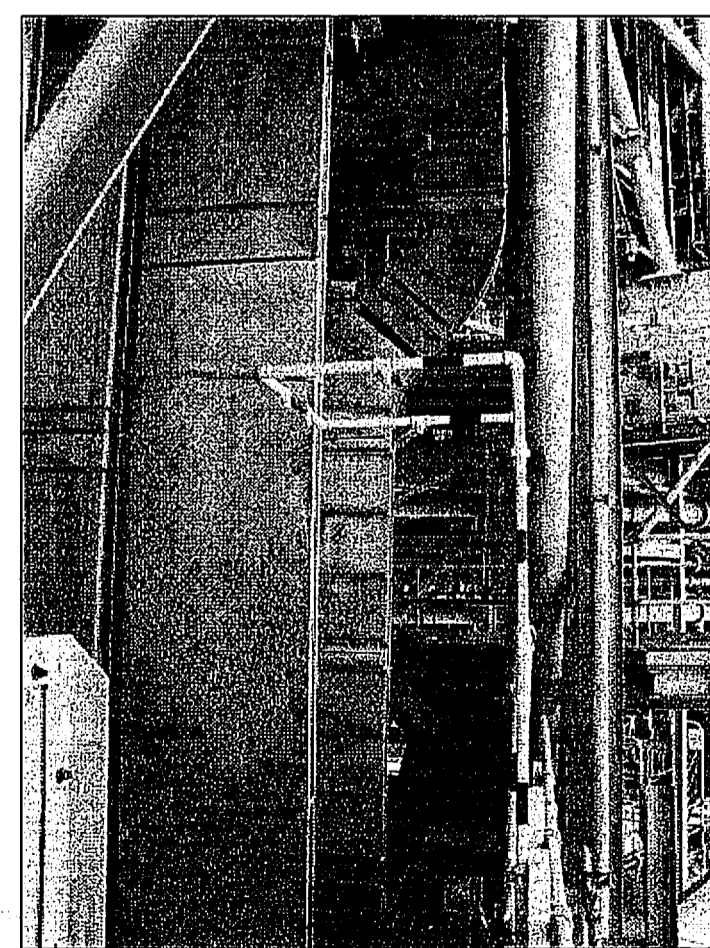
EL. 120'-0" D
NTS S21



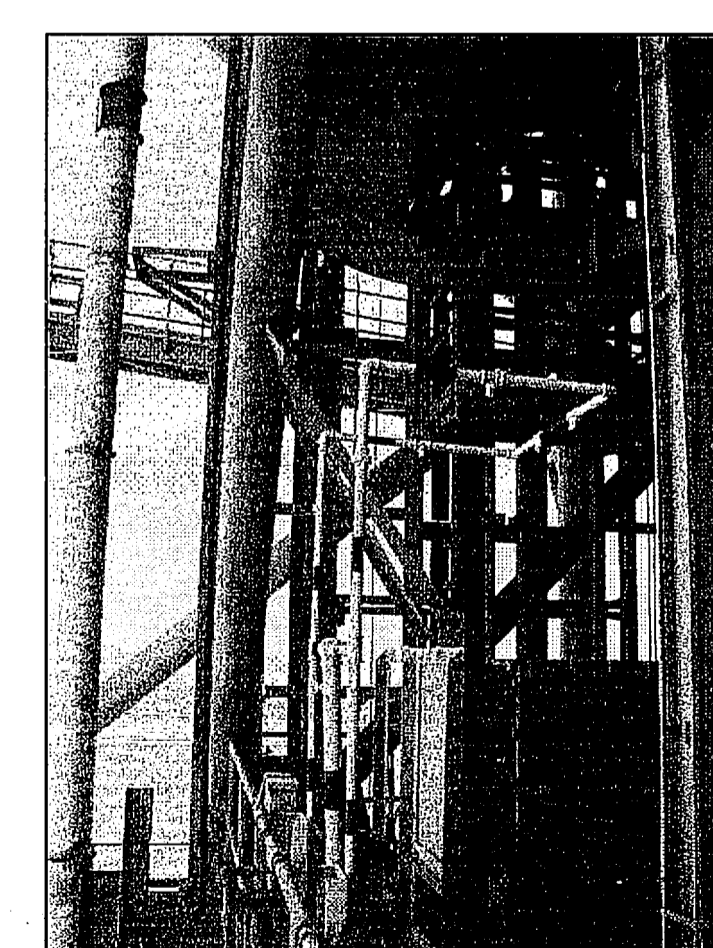
EL. 120'-0" E
NTS S21



EL. 120'-0" F
NTS S21



EL. 120'-0" G
NTS S21



EL. 120'-0" H
NTS S21

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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: 14005006-S21.DWG				

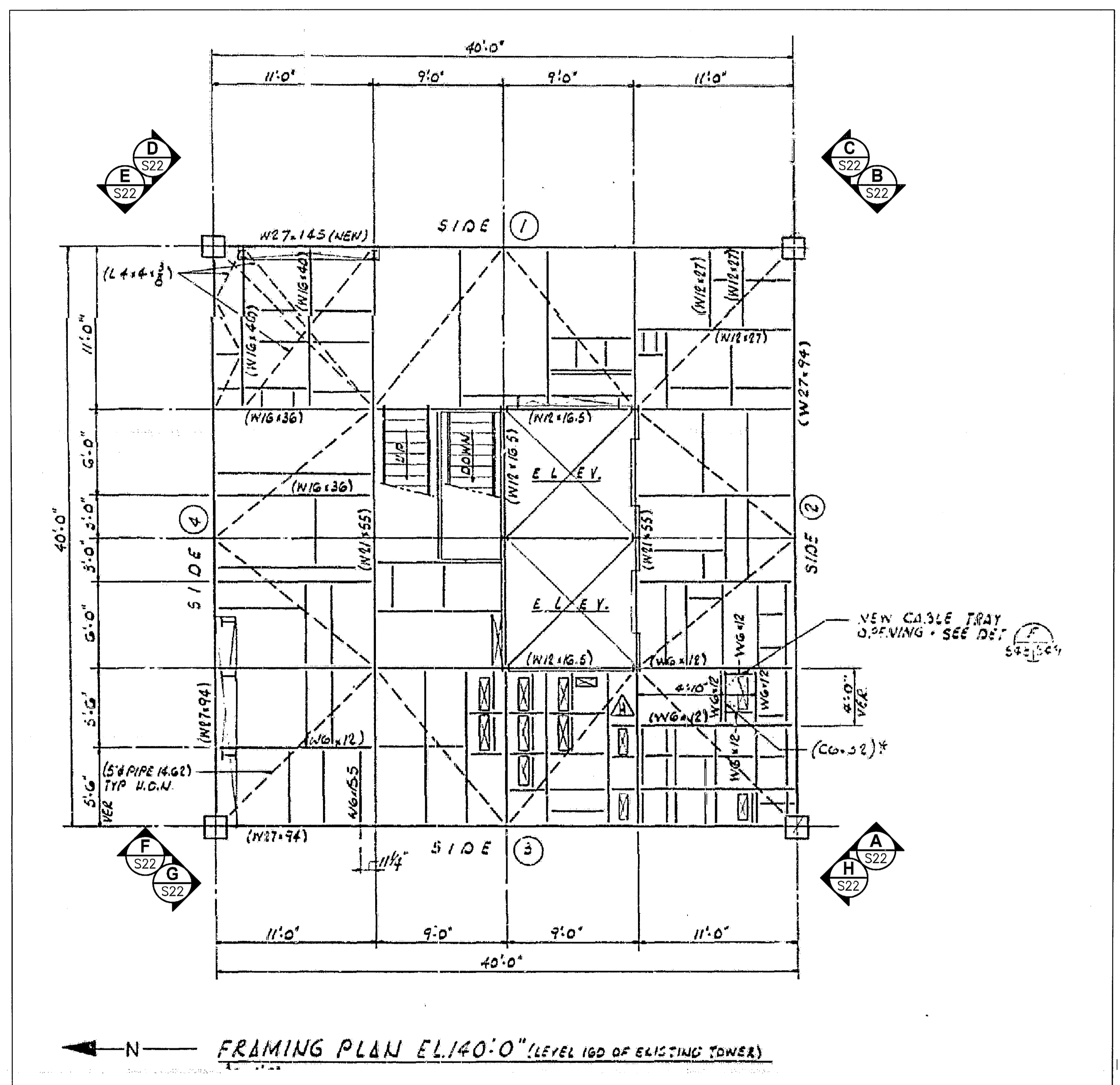


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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

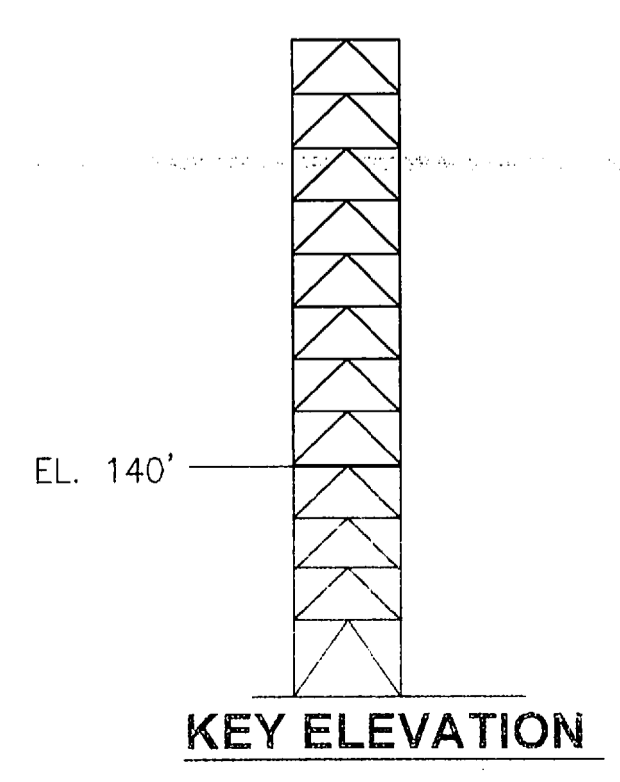
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED <i>[Signature]</i>	6/24/09	
APPROVED <i>[Signature]</i>	6/24/09	
TITLE		PROJECT NO. 98580
DRAWING NO.		DWG. NO. 222W2200001
SHEET NO.		SHEET 36

S21

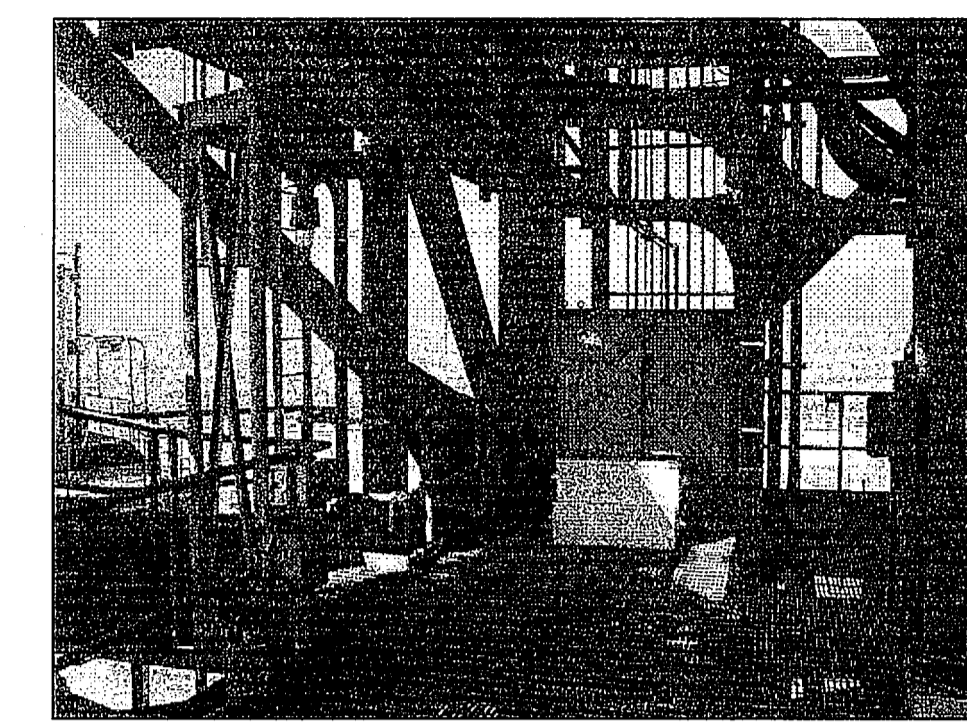
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FSS FRAMING PLAN EL. 140'-0"
NTS - SOURCE FILE 79K10338 SHEET S48



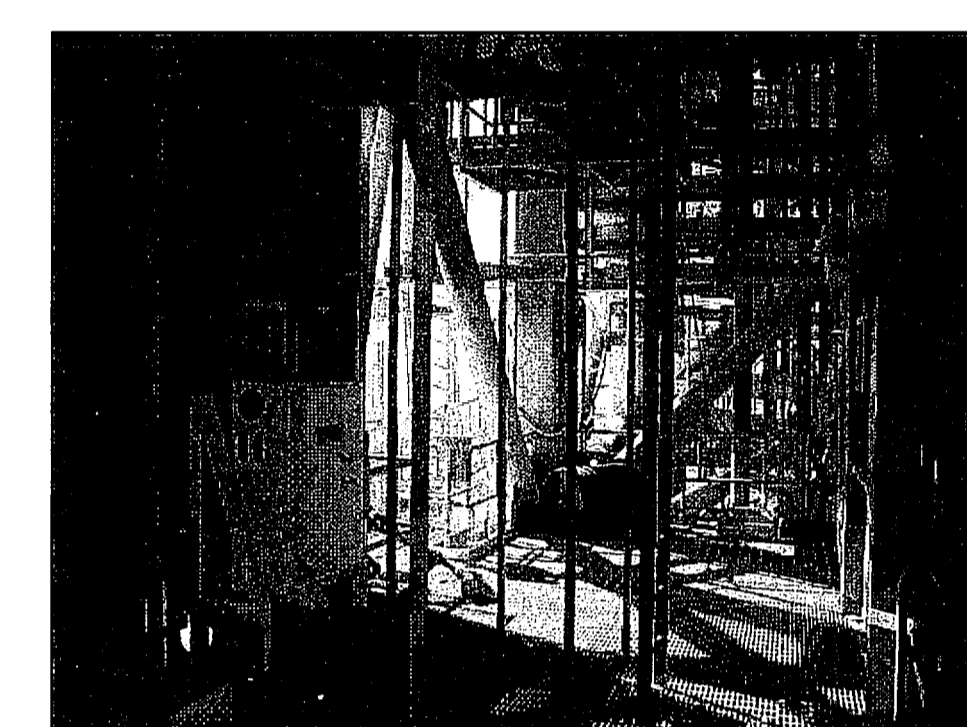
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NTS S22



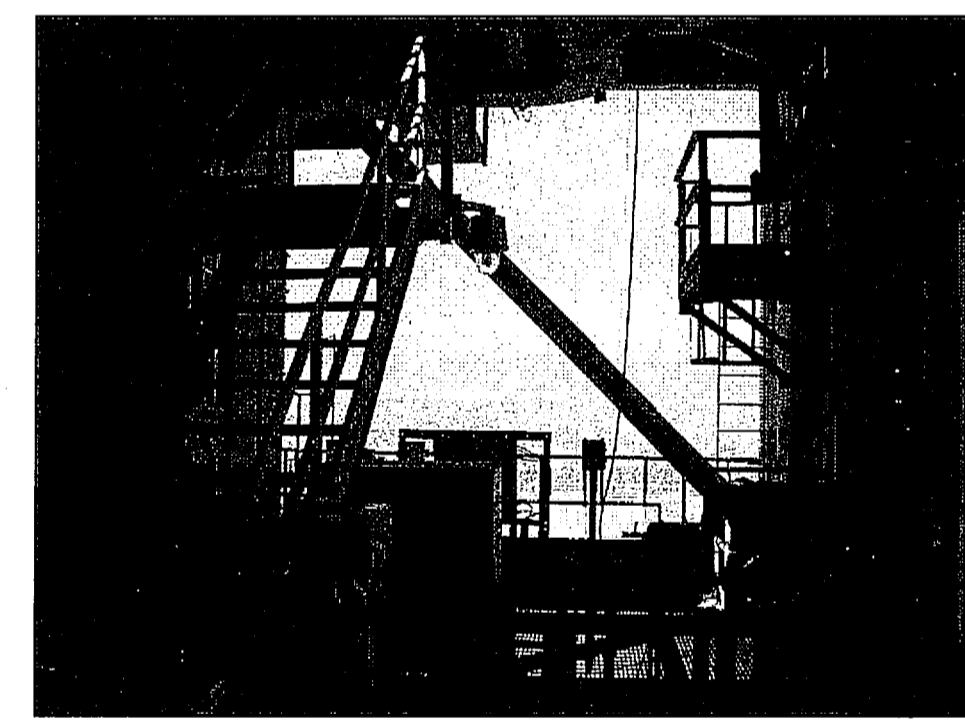
EL. 140'-0" B
NTS S22



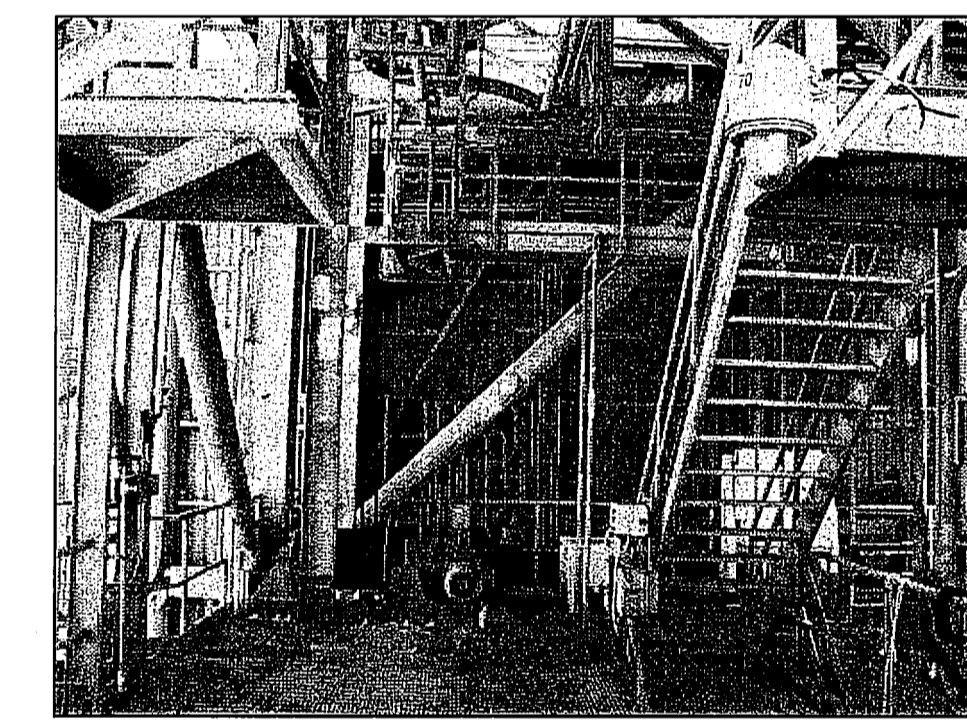
EL. 140'-0" C
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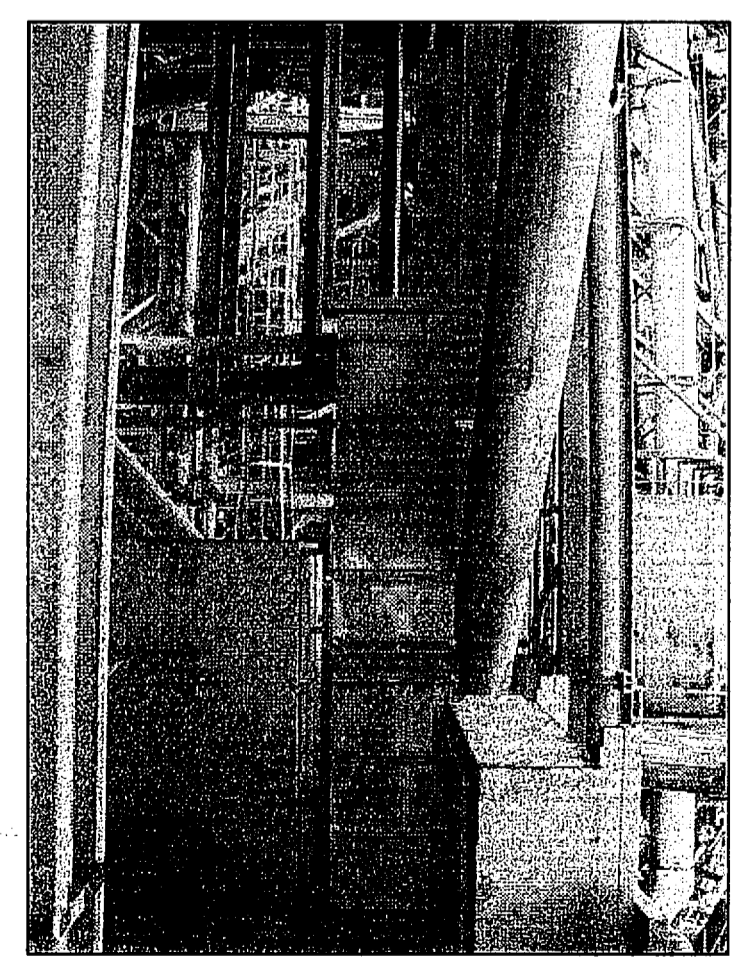
EL. 140'-0" D
NTS S22



EL. 140'-0" E
NTS S22



EL. 140'-0" F
NTS S22



EL. 140'-0" G
NTS S22



EL. 140'-0" H
NTS S22

THIS SPACE RESERVED

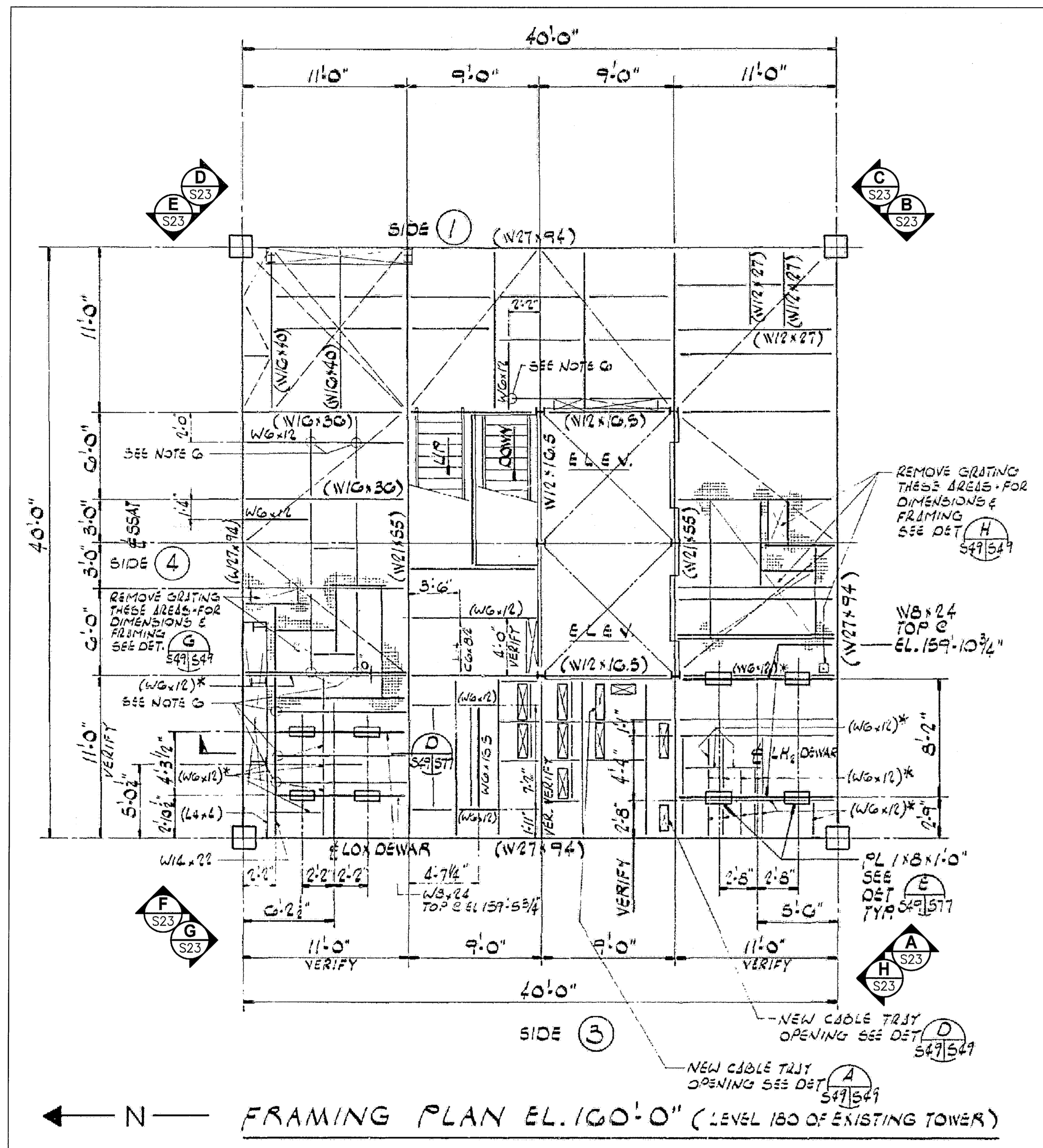
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S22.DWG				



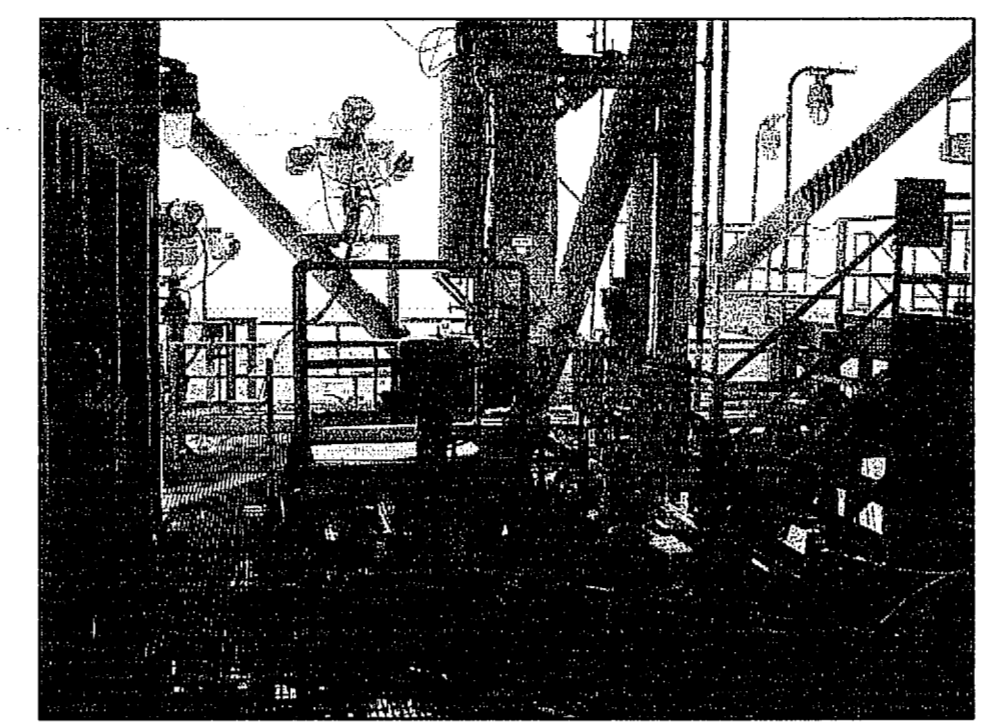
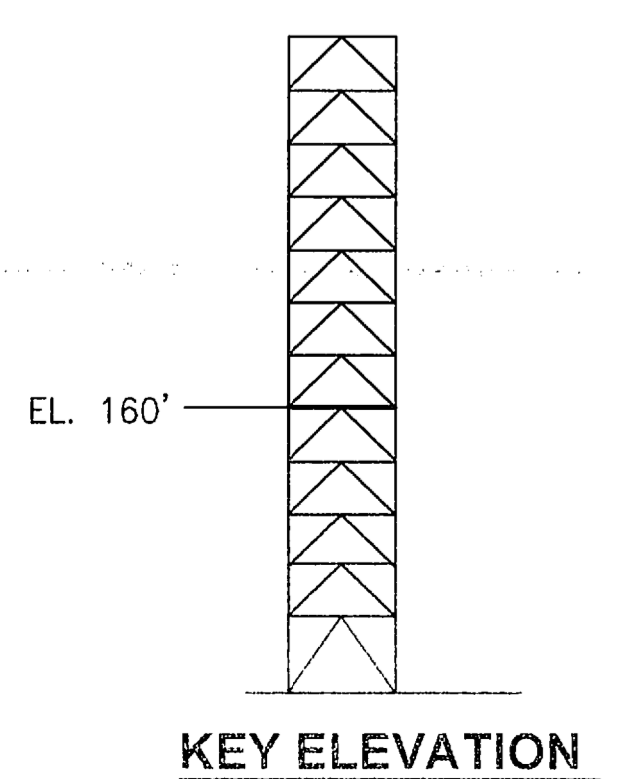
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION								
DRAWN S. HAFFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA								
CHECKED S. BHIDE	06/24/09									
DESIGNED N. PONTILLO	06/24/09									
SUBMITTED NP	6/24/09									
APPROVED <i>[Signature]</i>										
<table border="1"> <tr> <td>SIZE F</td> <td>DWG. NO. 222W2200001</td> <td>REV</td> </tr> <tr> <td colspan="2">TITLE</td> <td>SHEET 37</td> </tr> </table>		SIZE F	DWG. NO. 222W2200001	REV	TITLE		SHEET 37	<table border="1"> <tr> <td>PROJ. NO. 98580</td> <td>SHEET 37</td> </tr> </table>	PROJ. NO. 98580	SHEET 37
SIZE F	DWG. NO. 222W2200001	REV								
TITLE		SHEET 37								
PROJ. NO. 98580	SHEET 37									

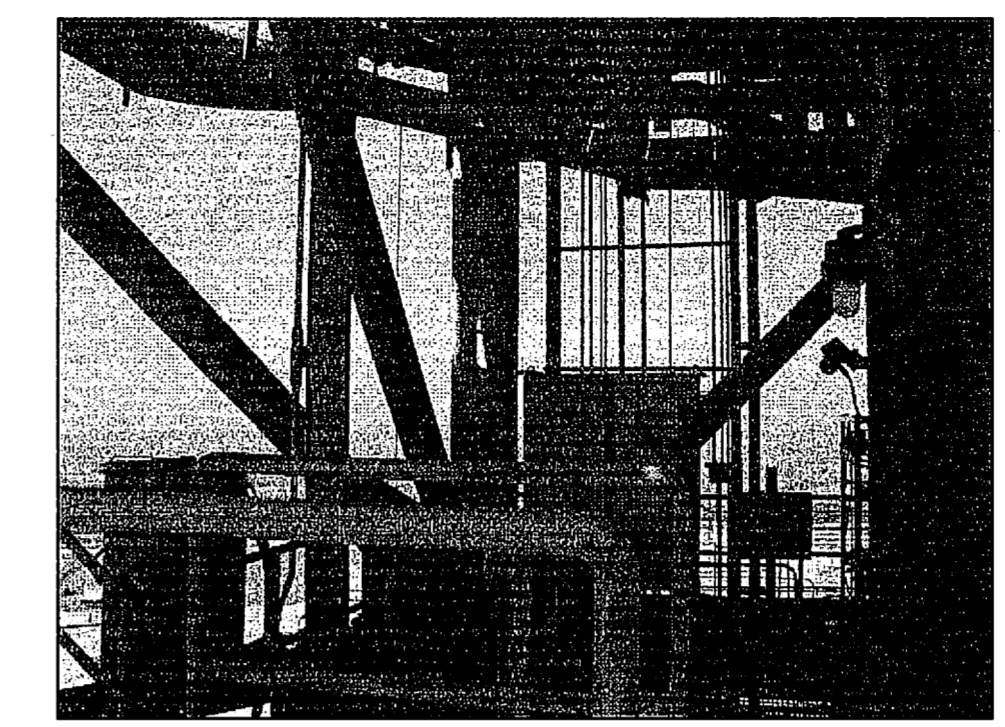
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



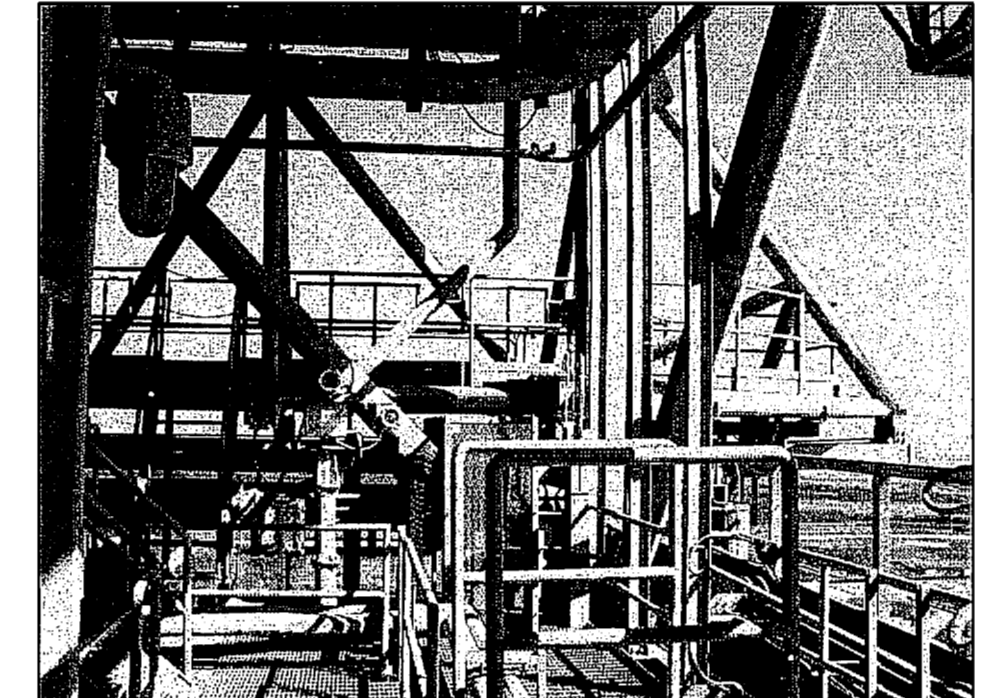
FSS FRAMING PLAN EL. 160'-0"
NTS - SOURCE FILE 79K10338 SHEET S49



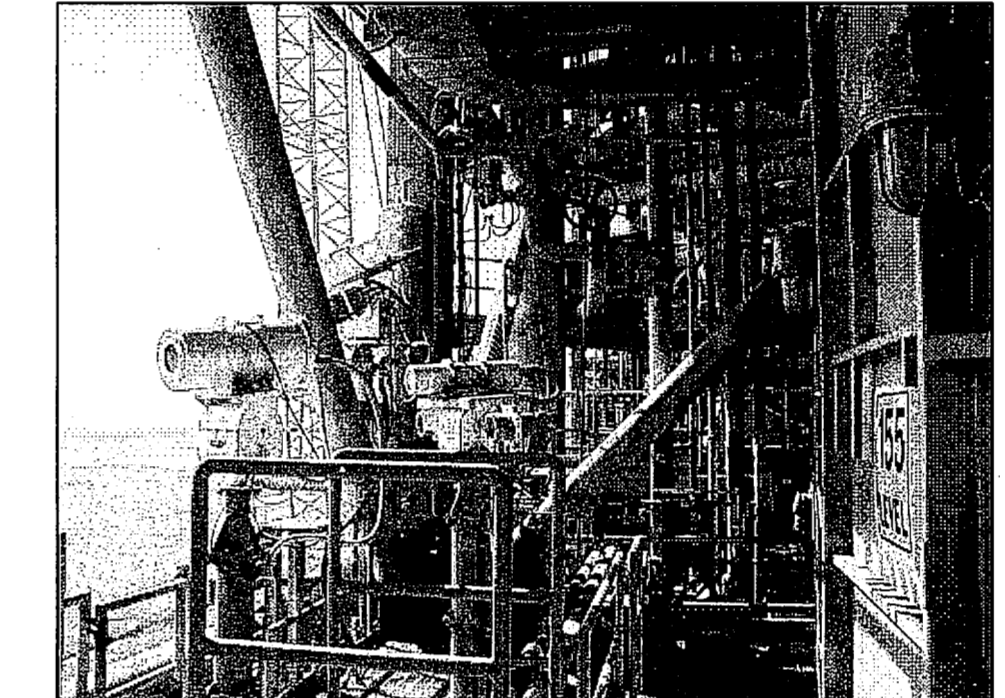
EL. 160'-0" A
NTS S23



EL. 160'-0" B
NTS S23



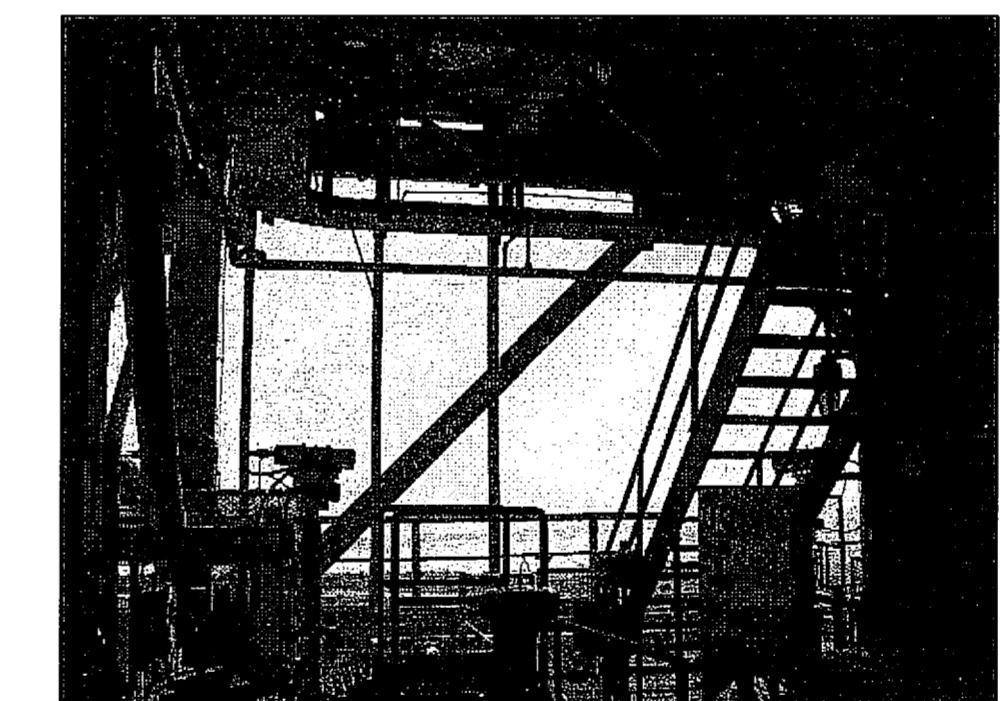
EL. 160'-0" C
NTS S23



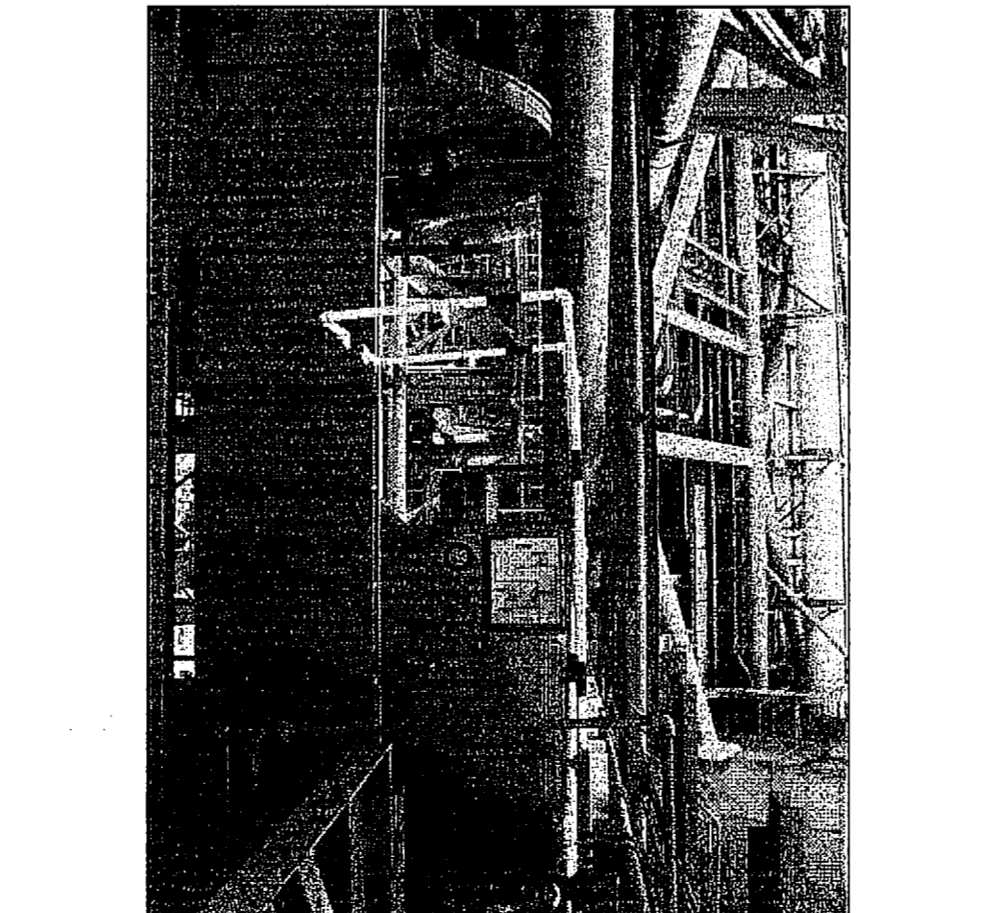
EL. 160'-0" D
NTS S23



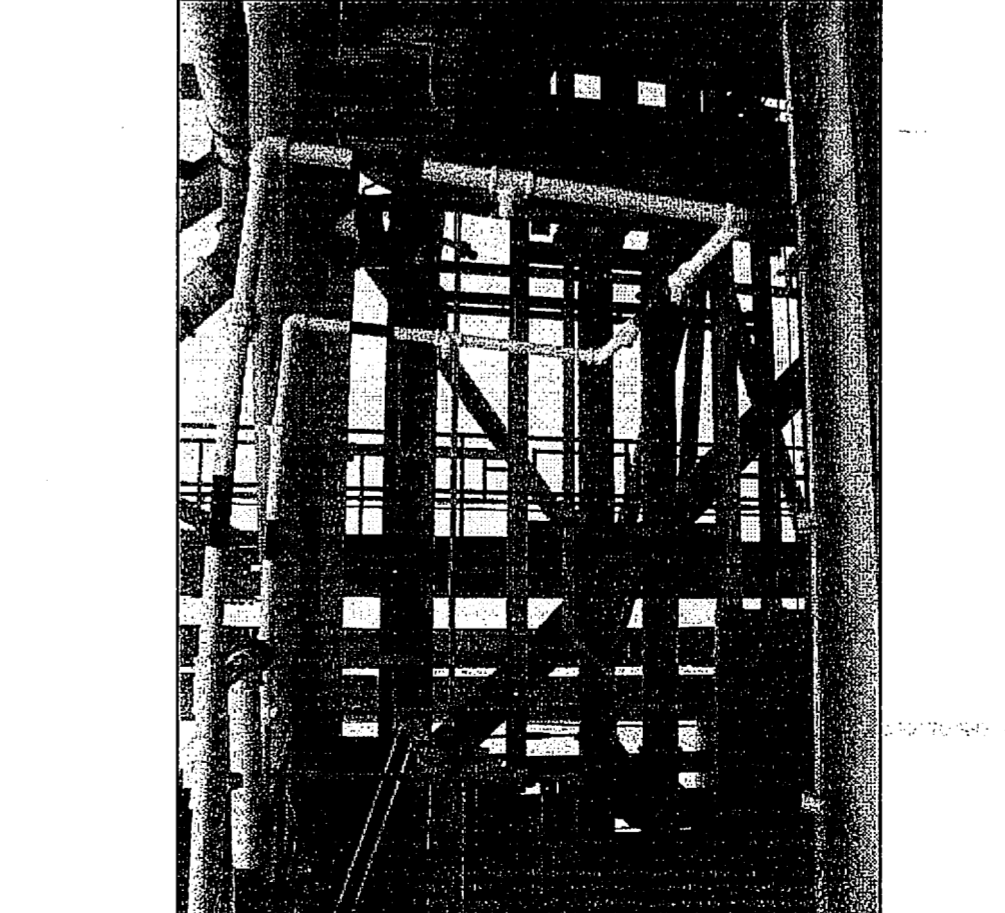
EL. 160'-0" E
NTS S23



EL. 160'-0" F
NTS S23



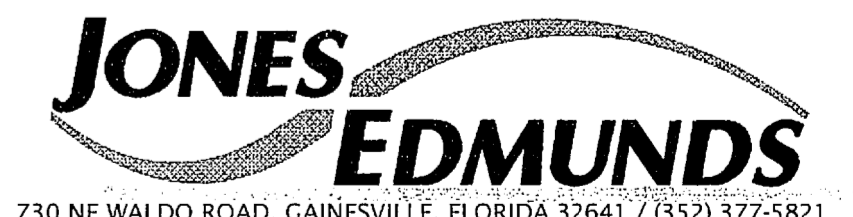
EL. 160'-0" G
NTS S23



EL. 160'-0" H
NTS S23

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REVISIONS				
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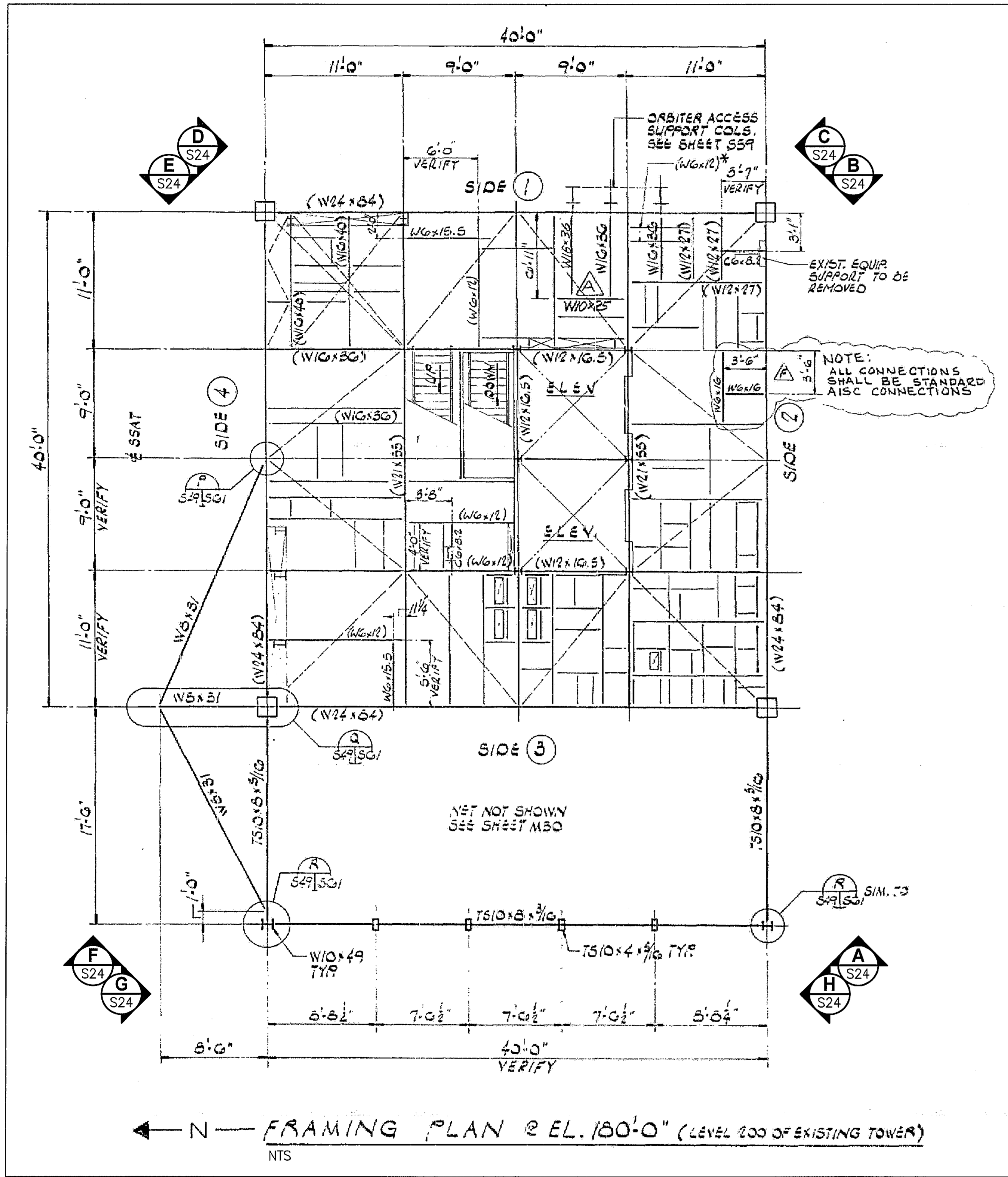


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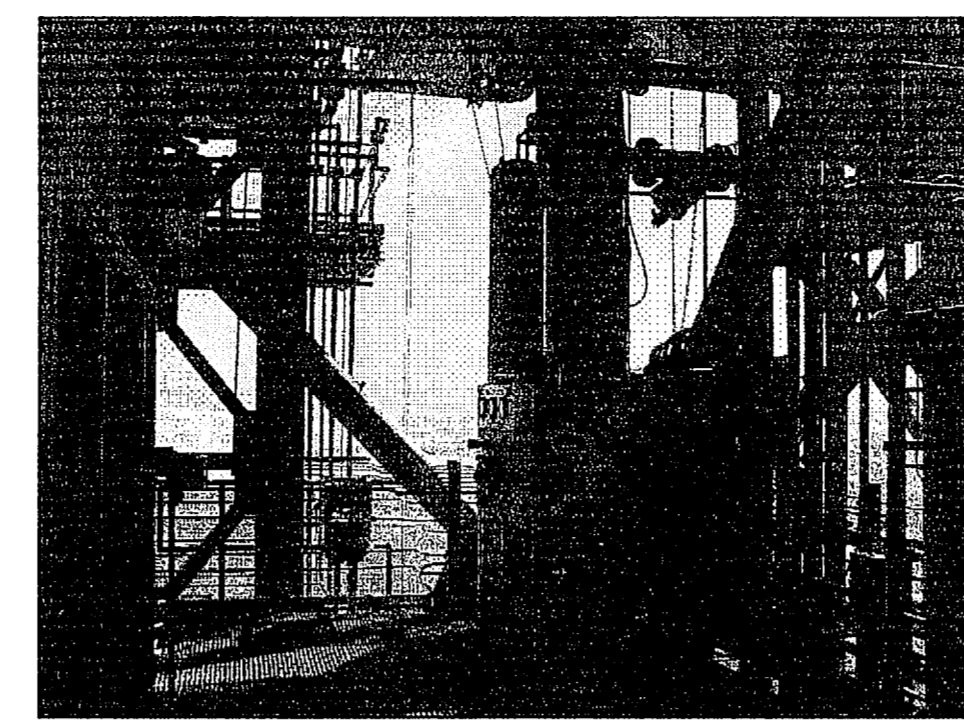
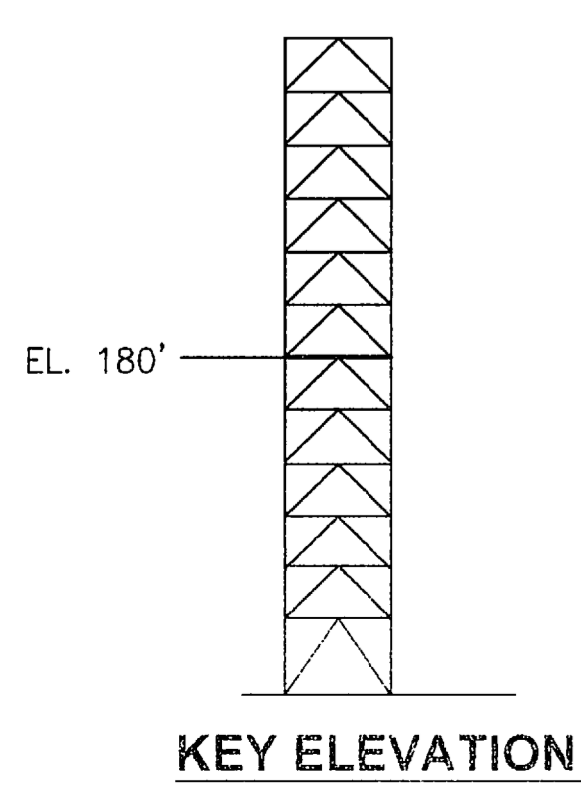
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS FRAMING PLAN EL. 160.0 FT
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED <i>[Signature]</i>	6/24/09	
APPROVED <i>[Signature]</i>	6/24/09	
TITLE		

S23	SIZE	DWG. NO.	REV
	F	222W2200001	
	PROJ. NO.	98580	SHEET 38

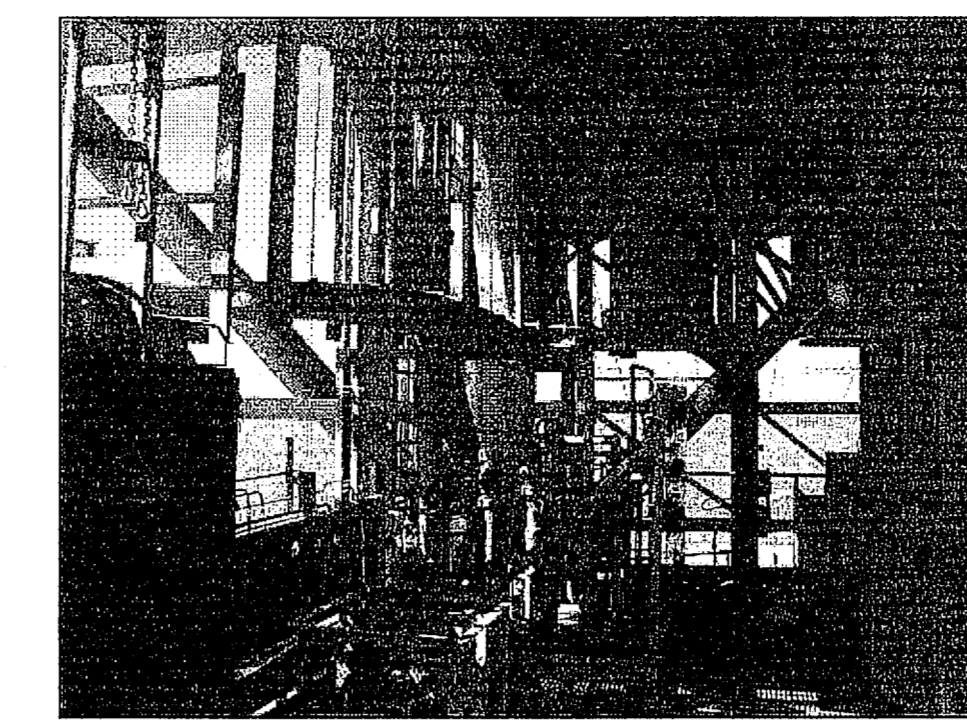
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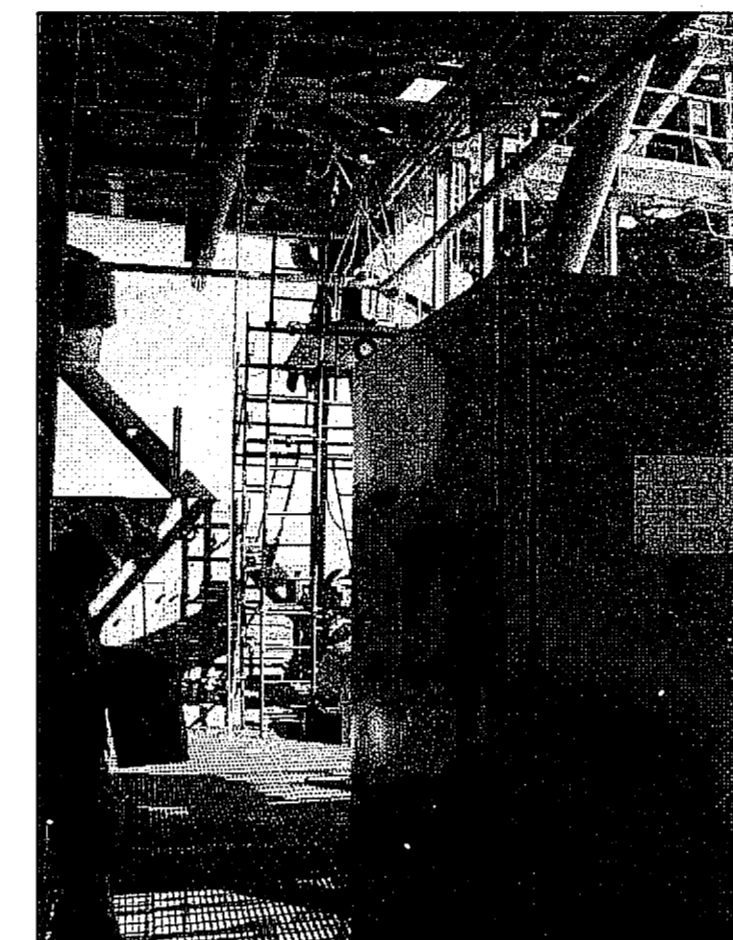
FSS FRAMING PLAN EL. 180'-0"
NTS - SOURCE FILE 79K10338 SHEET S49



EL. 180'-0" (A)
NTS S24



EL. 180'-0" (B)
NTS S24



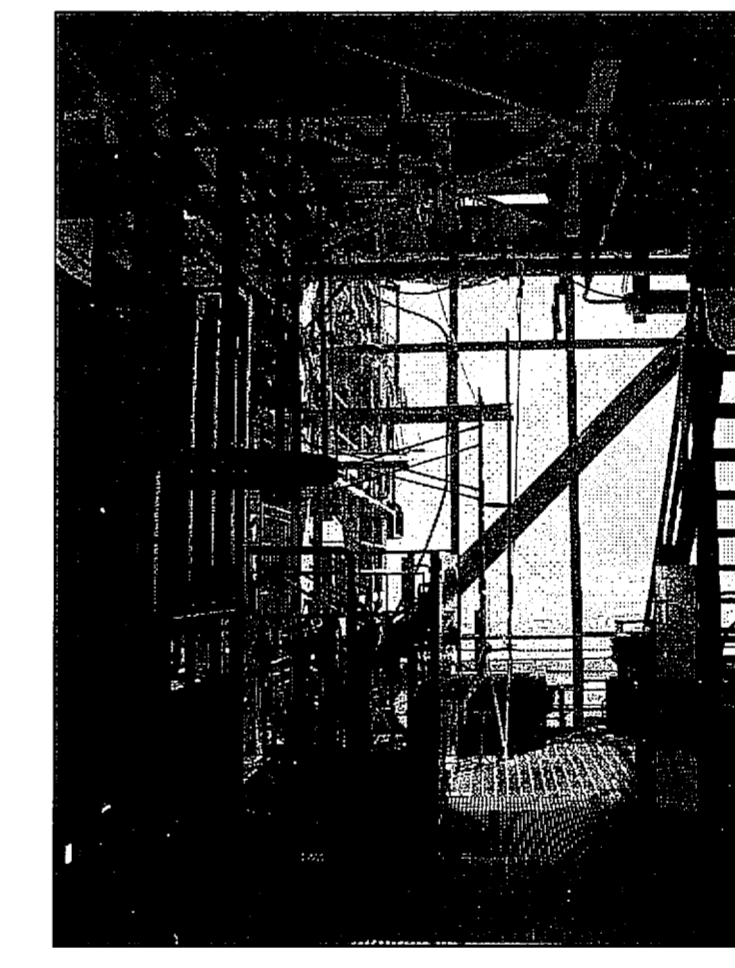
EL. 180'-0" (C)
NTS S24



EL. 180'-0" (D)
NTS S24



EL. 180'-0" (E)
NTS S24



EL. 180'-0" (F)
NTS S24



EL. 180'-0" (G)
NTS S24



EL. 180'-0" (H)
NTS S24

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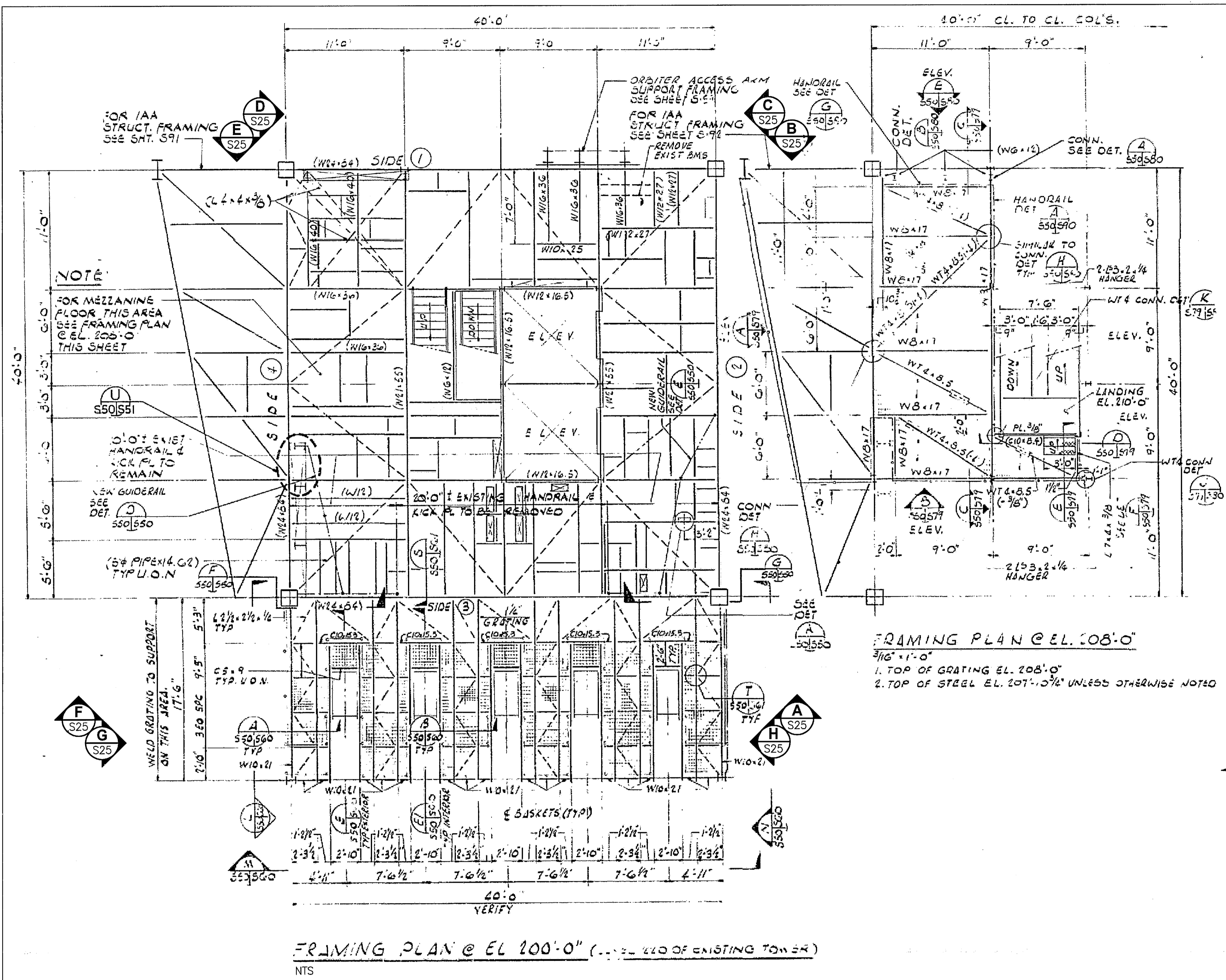
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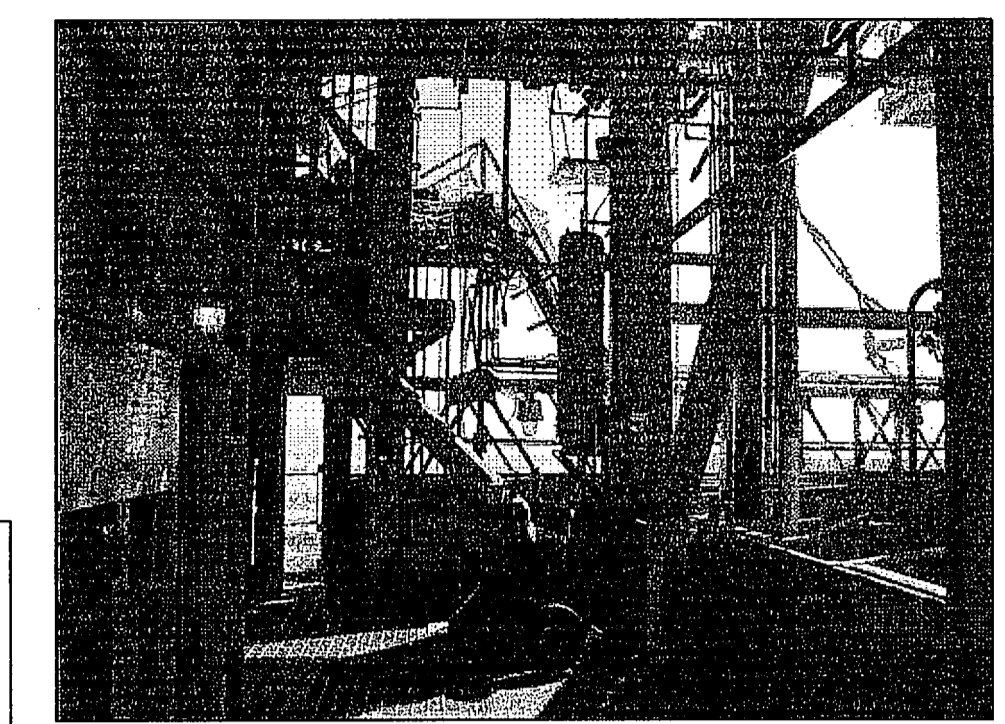
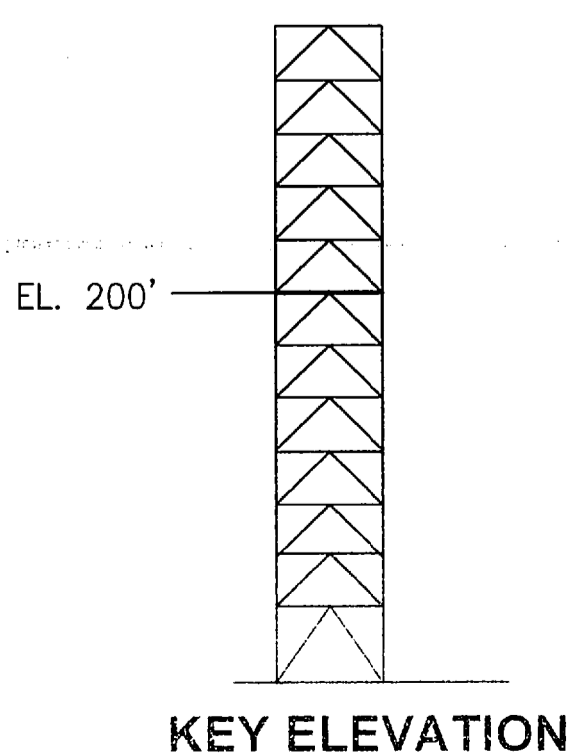
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	FSS FRAMING PLAN EL. 180.0 FT
SUBMITTED <i>[Signature]</i>	6/24/09	

APPROVED	DATE	SIZE	DWG. NO.	REV
<i>[Signature]</i>	6/24/09	F	222W2200001	
S24		PROJ. NO. 99580	SHEET 39	

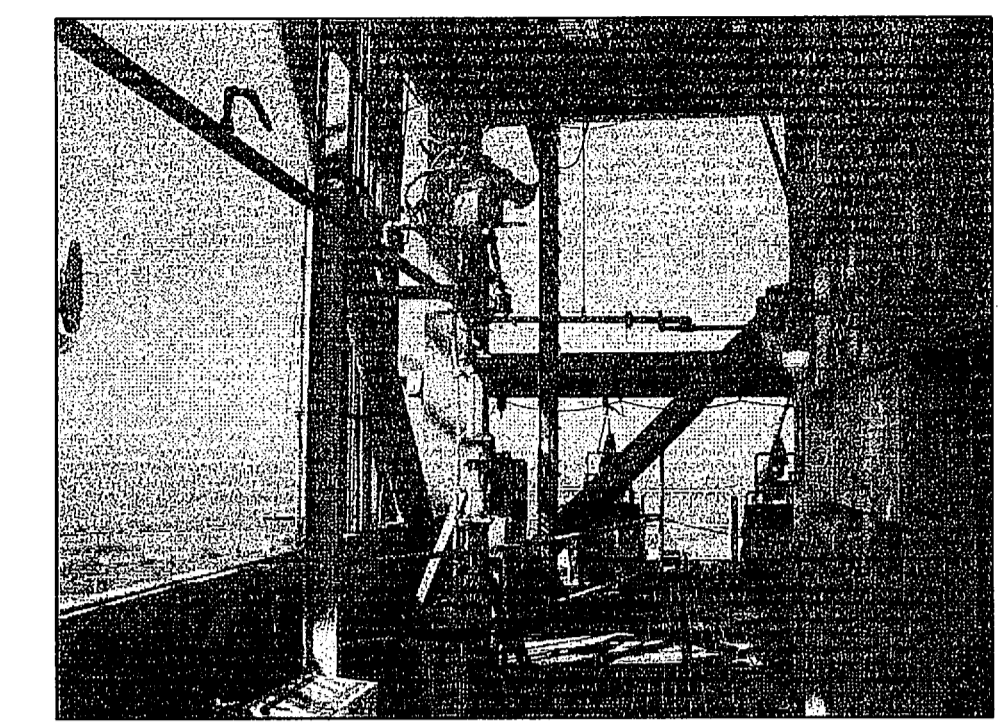
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FSS FRAMING PLANS EL. 200'-0" AND 208'-0"
 NTS - SOURCE FILE 79K10338 SHEET S25



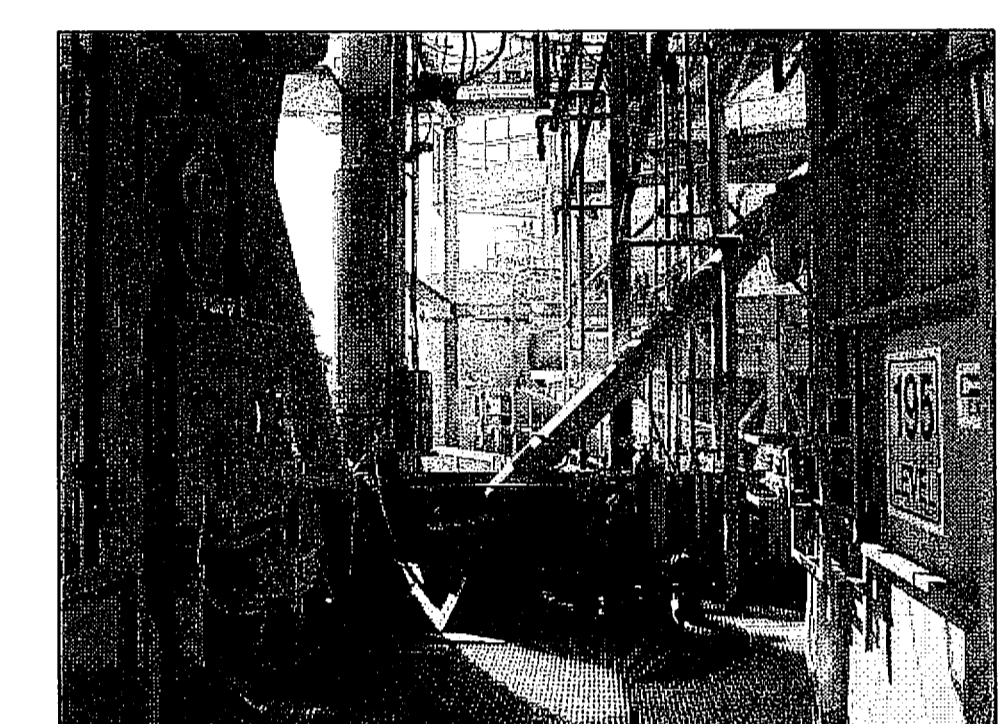
EL. 200'-0" A
 NTS S25



EL. 200'-0" B
 NTS S25



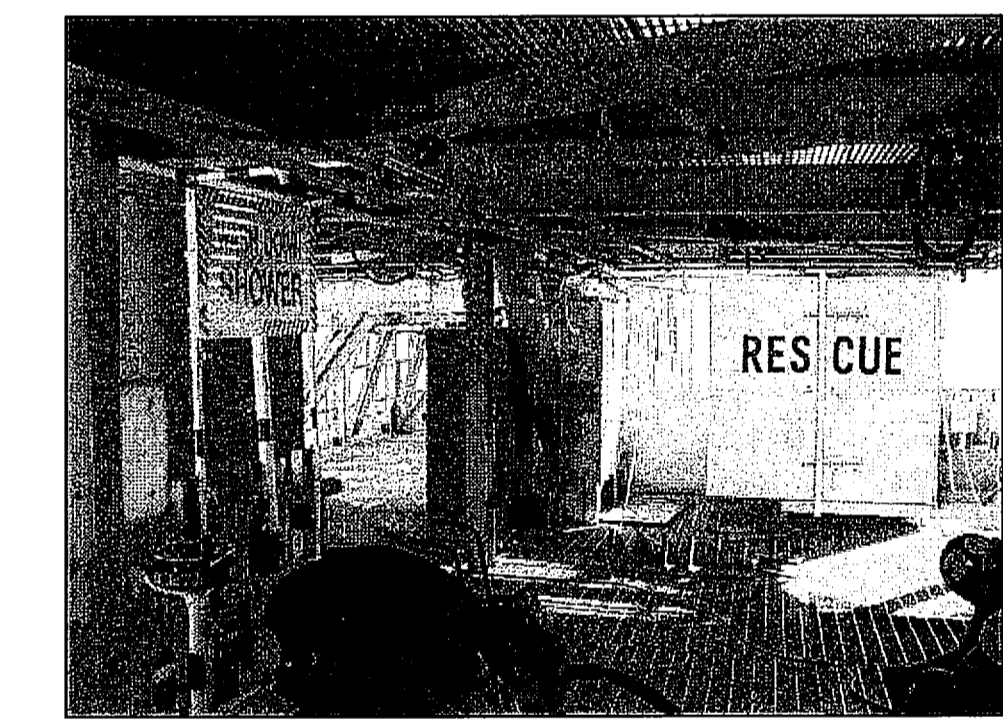
EL. 200'-0" C
 NTS S25



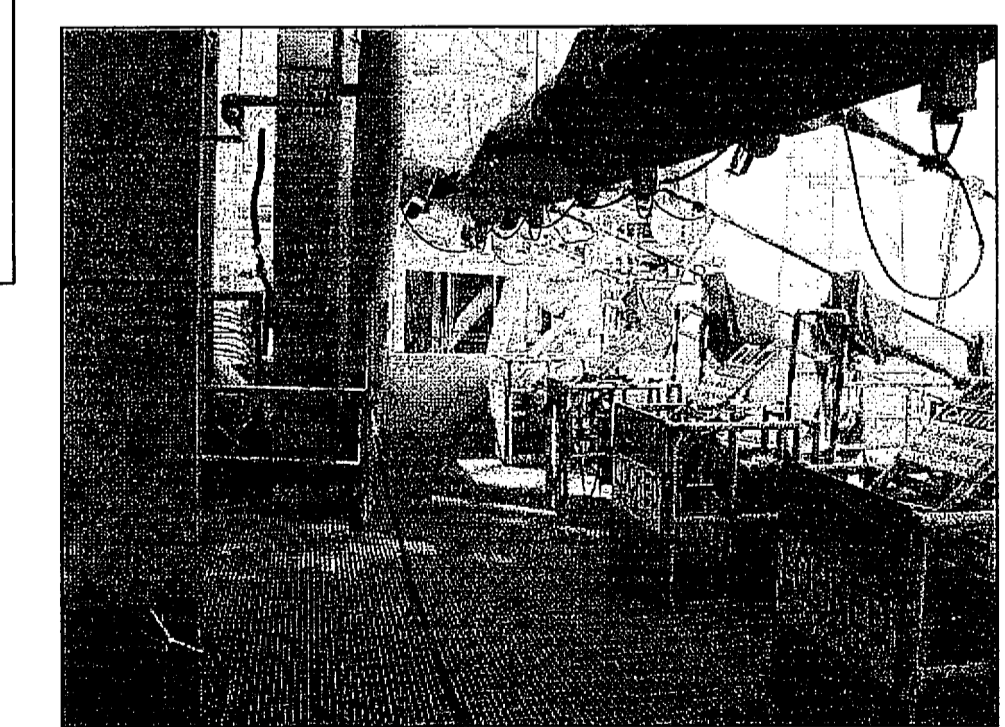
EL. 200'-0" D
 NTS S25



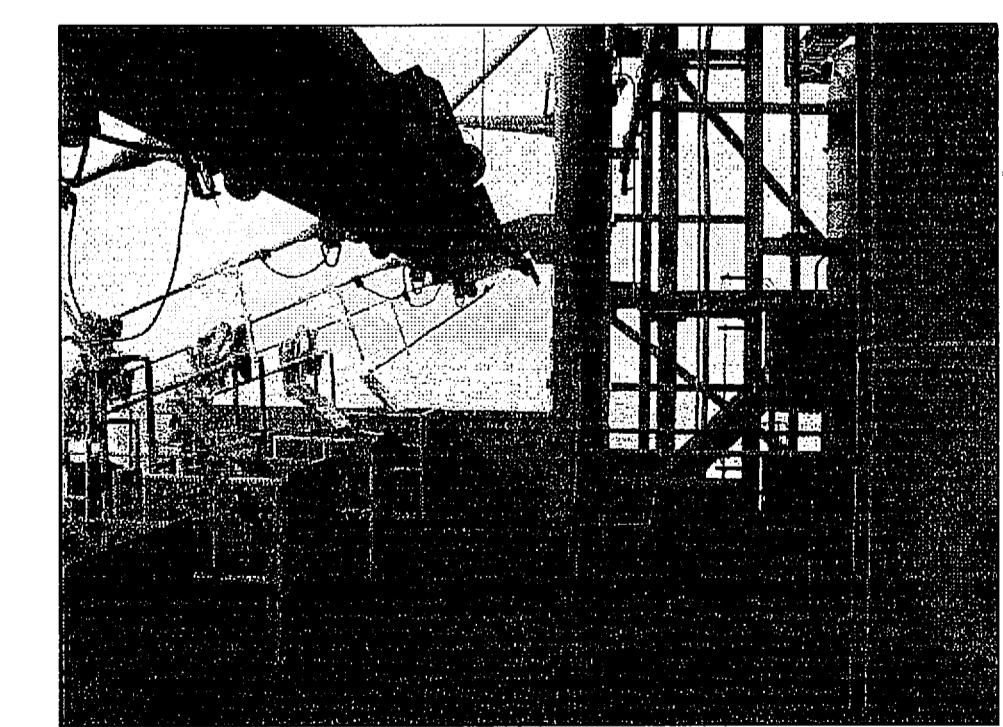
EL. 200'-0" E
 NTS S25



EL. 200'-0" F
 NTS S25



EL. 200'-0" G
 NTS S25



EL. 200'-0" H
 NTS S25

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REVISIONS				

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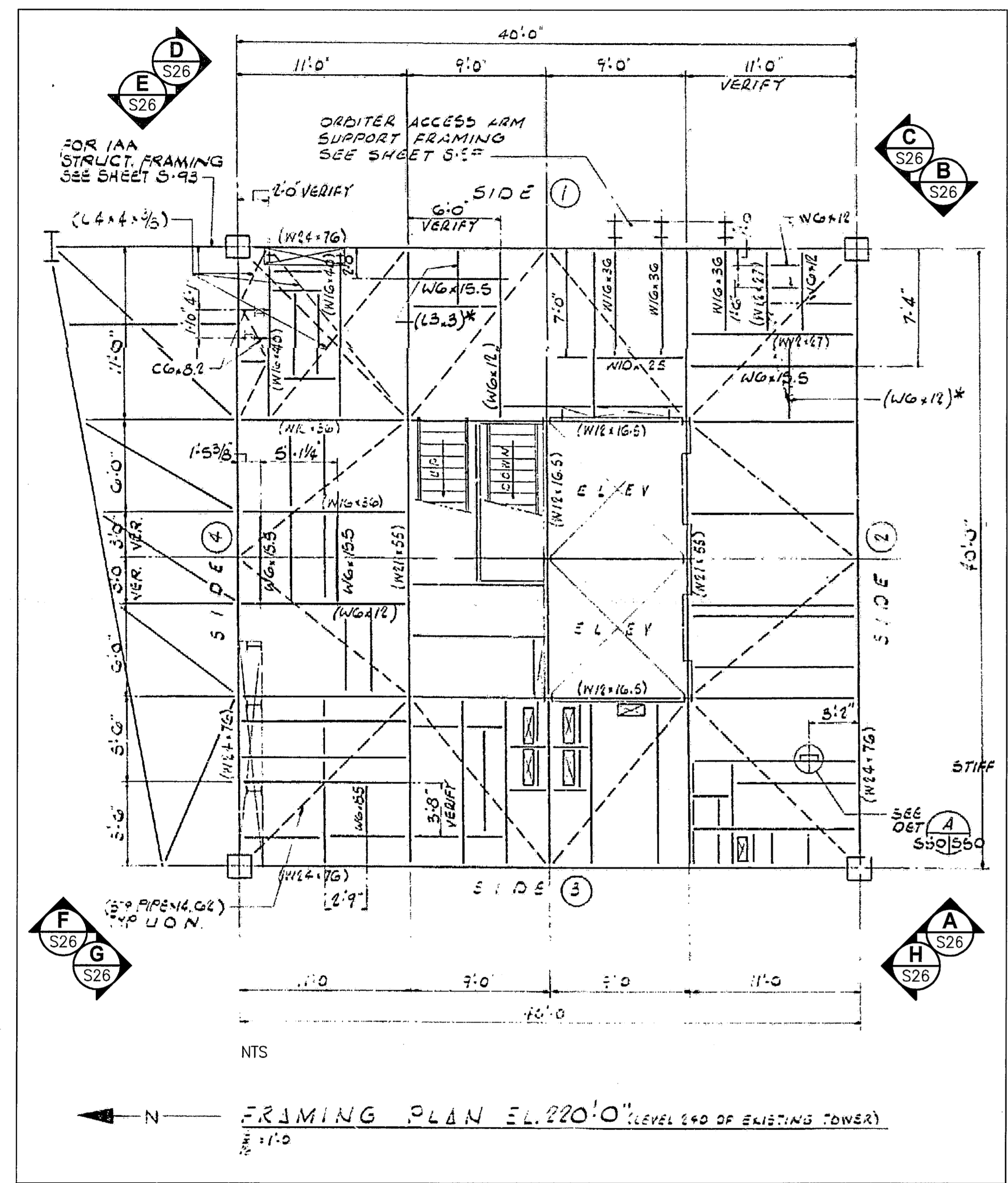


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 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

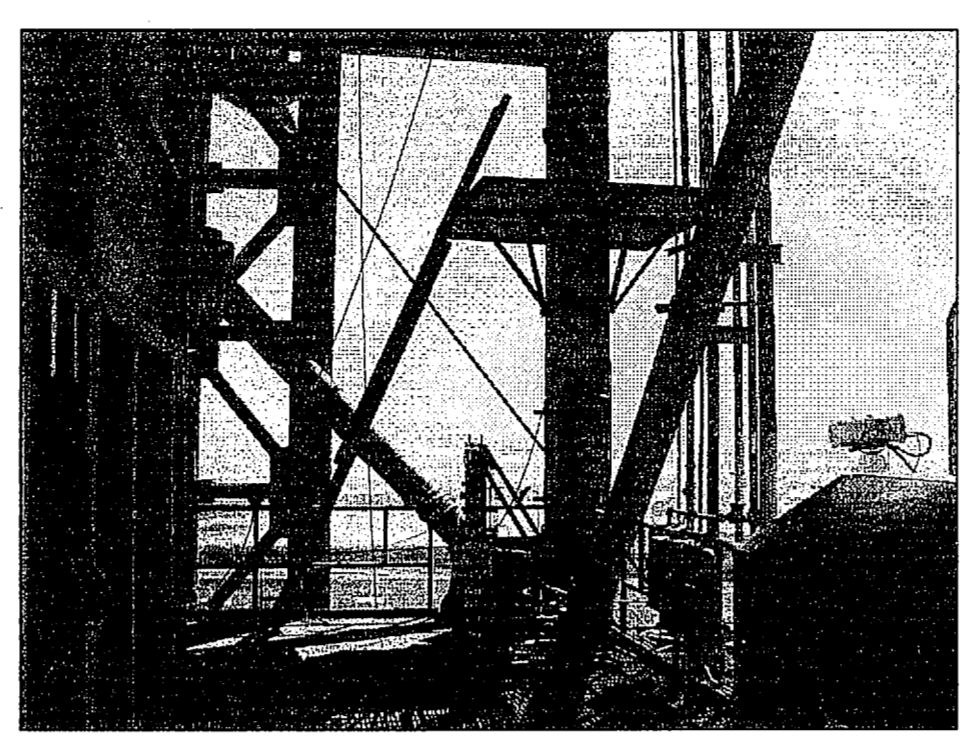
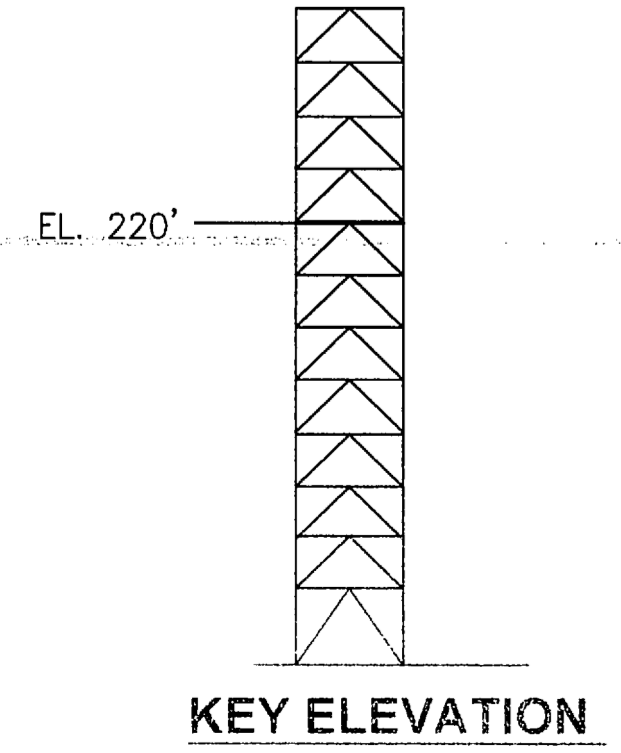
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS FRAMING PLANS EL. 200.0 FT AND 208.0 FT
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED MP	6/24/09	
APPROVED <i>[Signature]</i>	6/24/09	
SIZE DWG. NO. F 222W2200001		REV
PROJ. NO. 98580		SHEET 40

S25

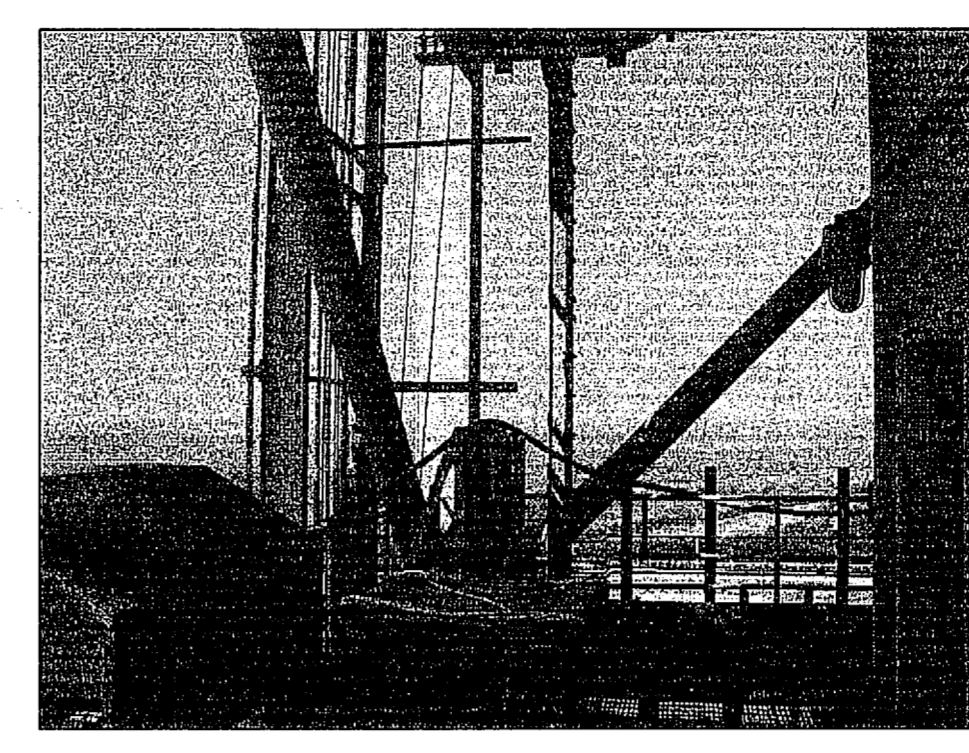
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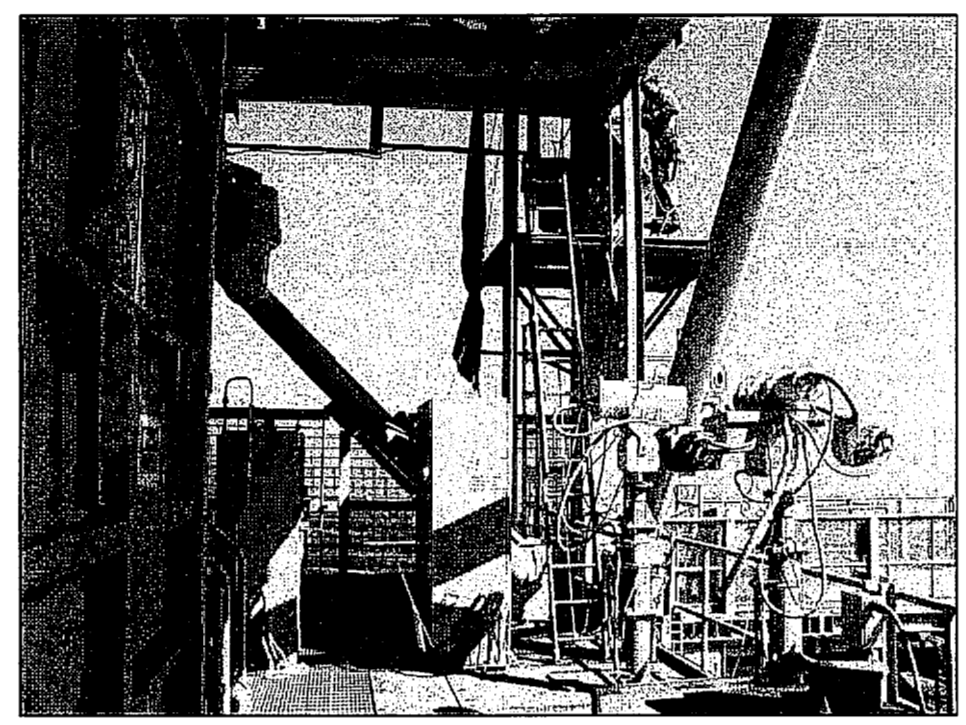
FSS FRAMING PLAN EL. 220'-0"
NTS - SOURCE FILE 79K10338 SHEET S50



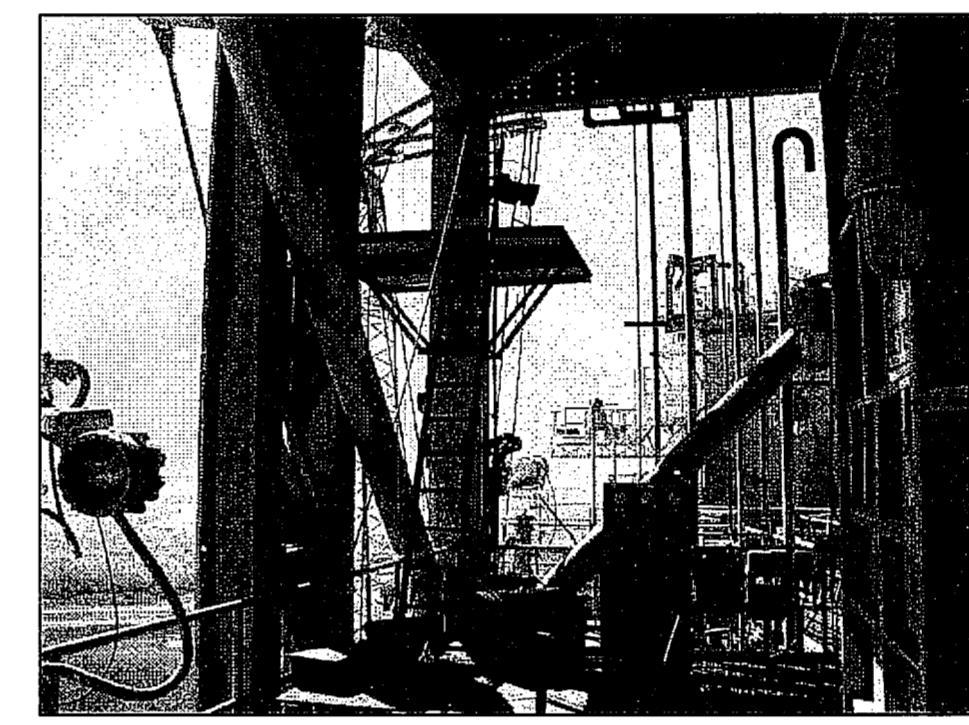
EL. 220'-0" A
NTS S26



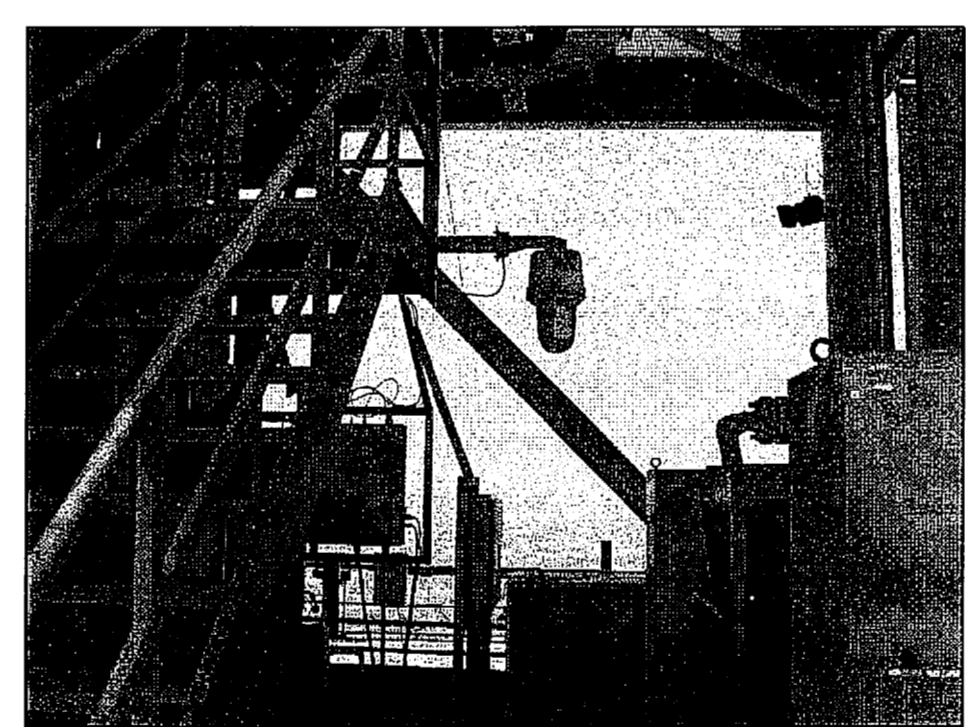
EL. 220'-0" B
NTS S26



EL. 220'-0" C
NTS S26



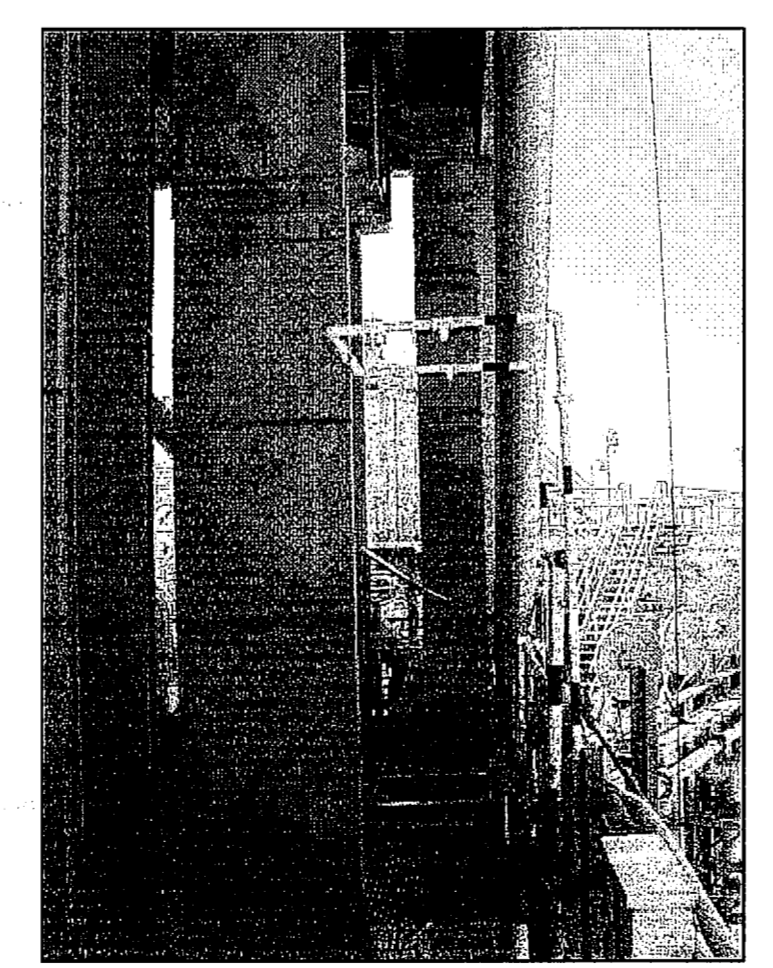
EL. 220'-0" D
NTS S26



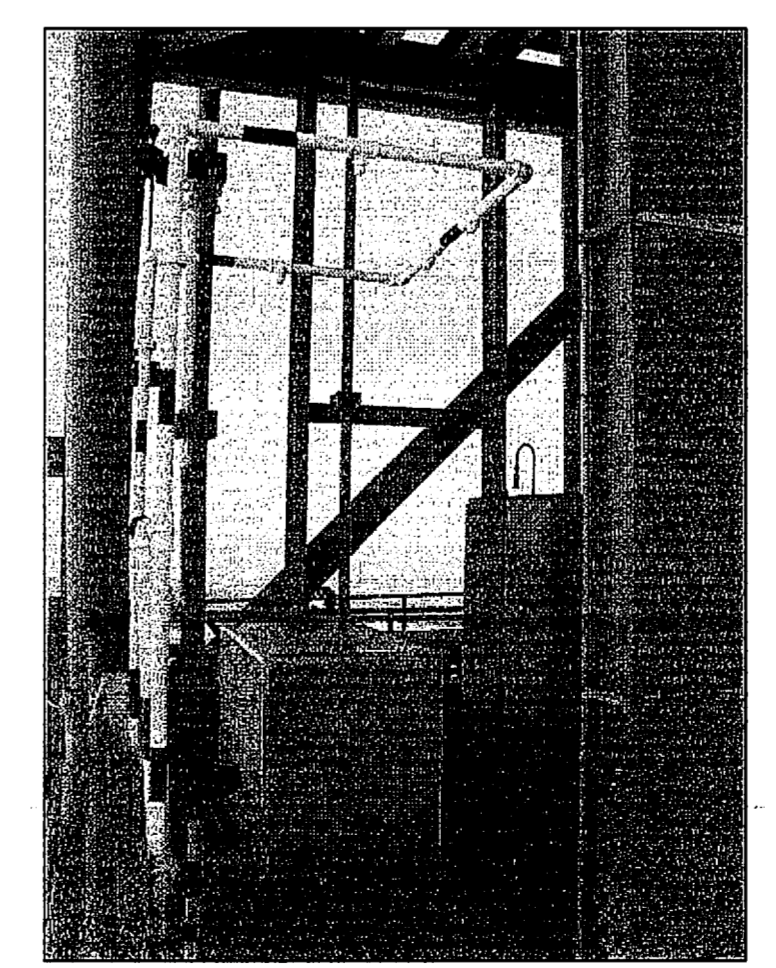
EL. 220'-0" E
NTS S26



EL. 220'-0" F
NTS S26



EL. 220'-0" G
NTS S26



EL. 220'-0" H
NTS S26

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REVISIONS				
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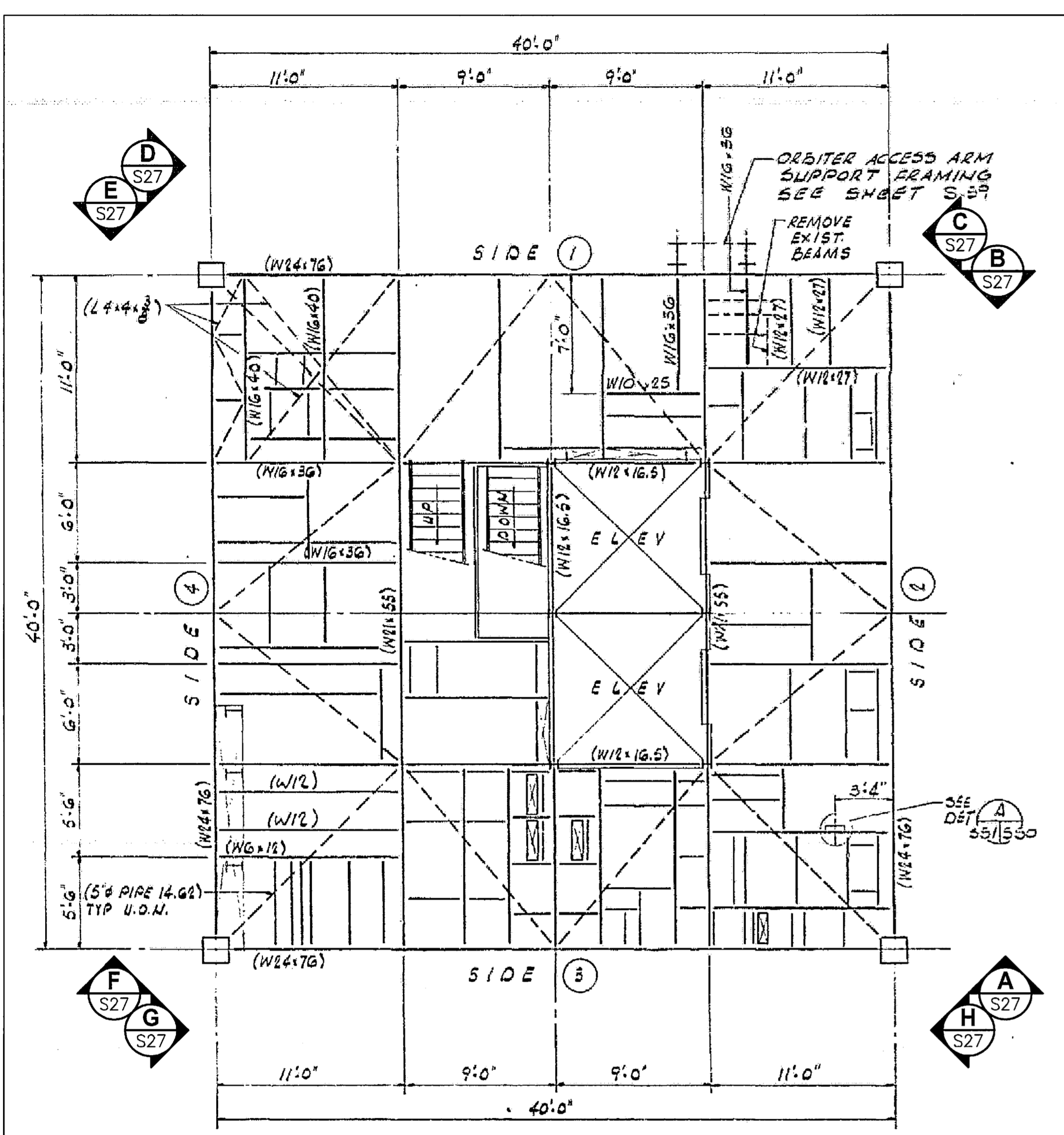


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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO		06/24/09	FSS FRAMING PLAN EL. 220.0 FT	
SUBMITTED [Signature]		6/24/09		
APPROVED [Signature]	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE:		PROJ. NO. 98580	SHEET 41	

S26

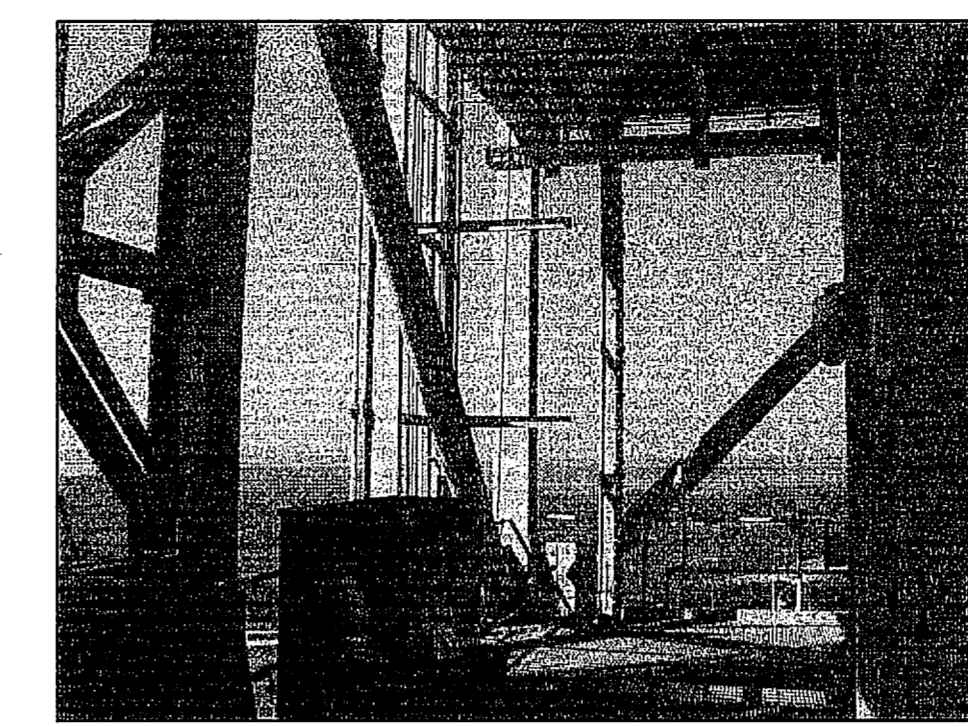
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded as an implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



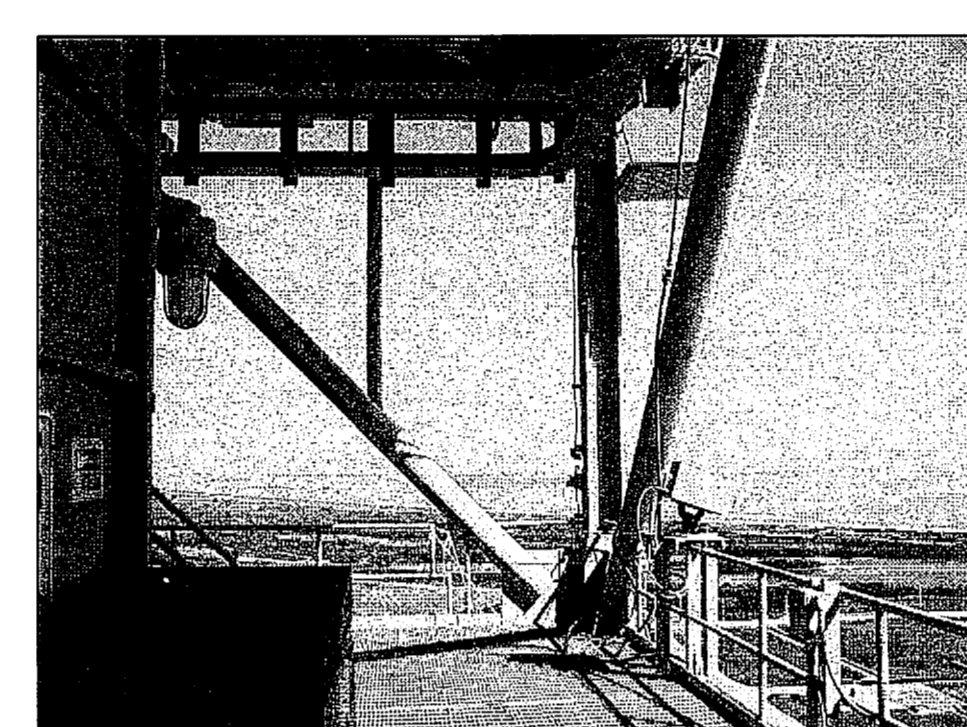
FSS FRAMING PLAN EL. 240'-0"
NTS - SOURCE FILE 79K10338 SHEET S51



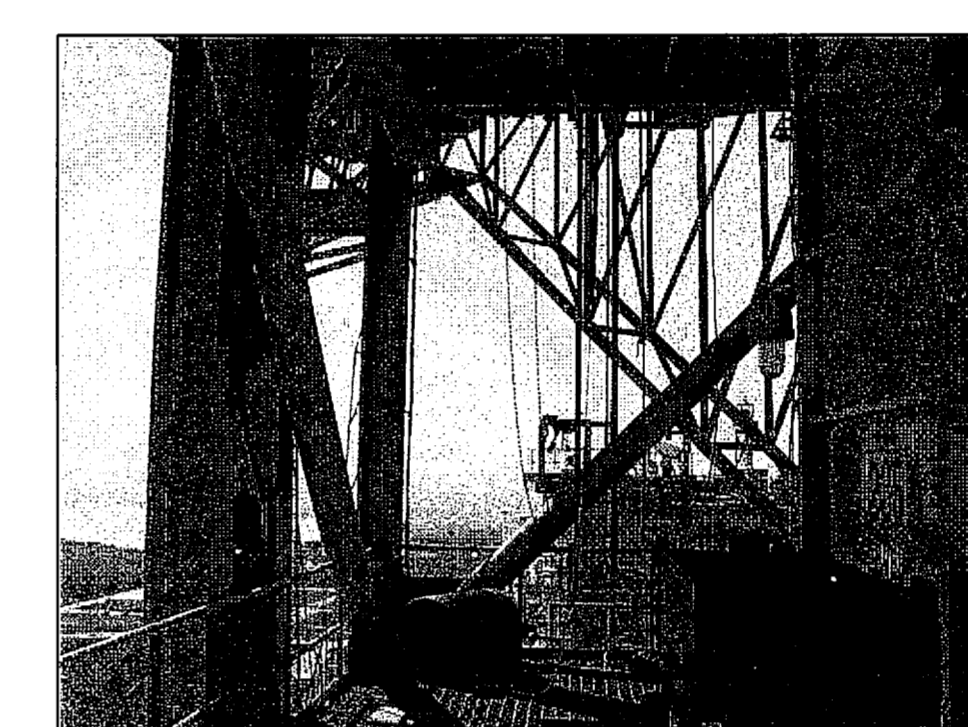
EL. 240'-0" A
NTS S27



EL. 240'-0" B
NTS S27



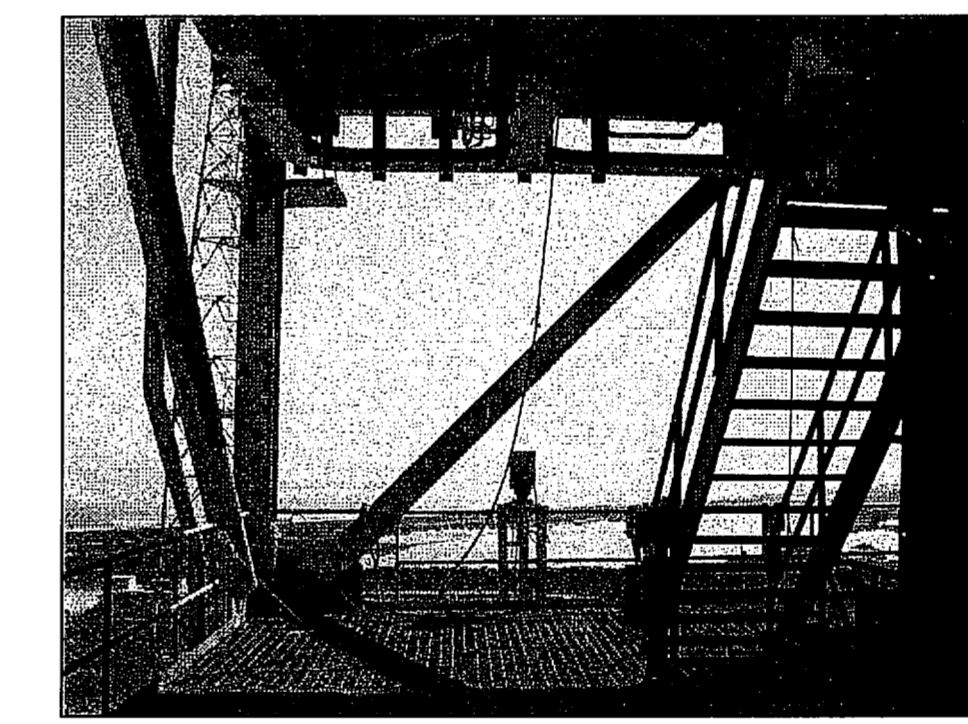
EL. 240'-0" C
NTS S27



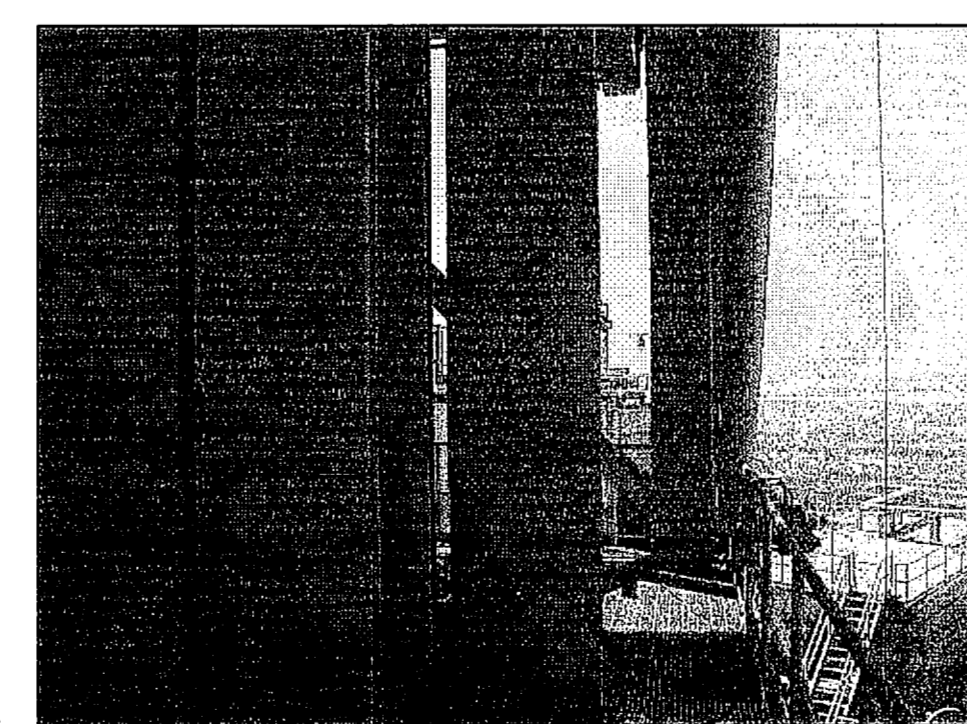
EL. 240'-0" D
NTS S27



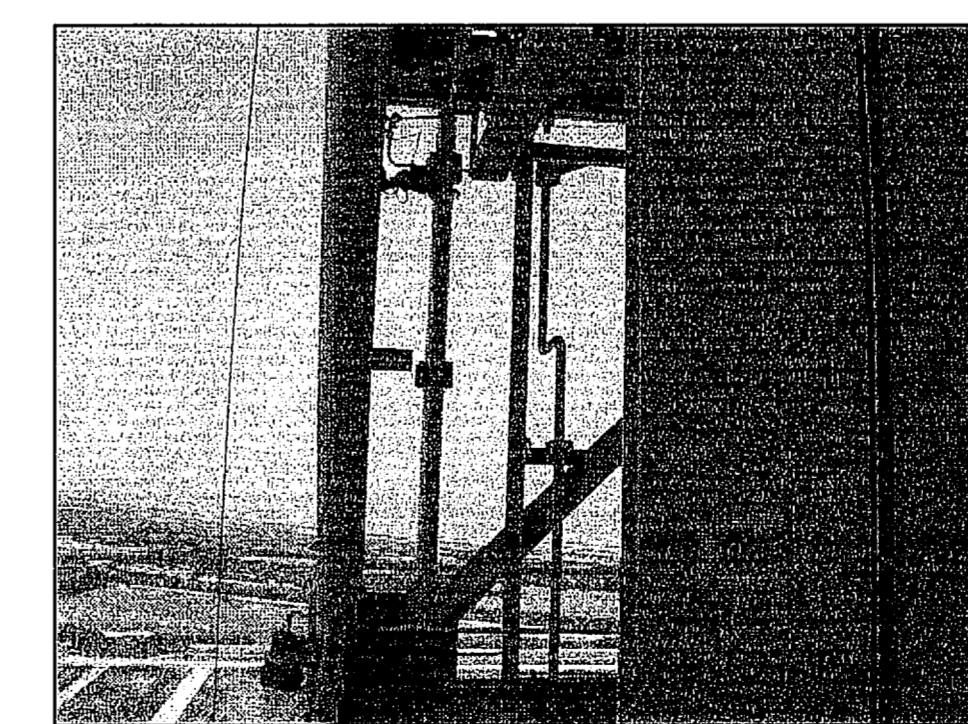
EL. 240'-0" E
NTS S27



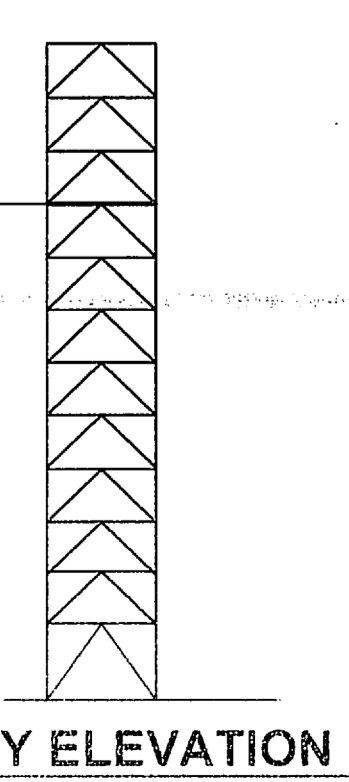
EL. 240'-0" F
NTS S27



EL. 240'-0" G
NTS S27

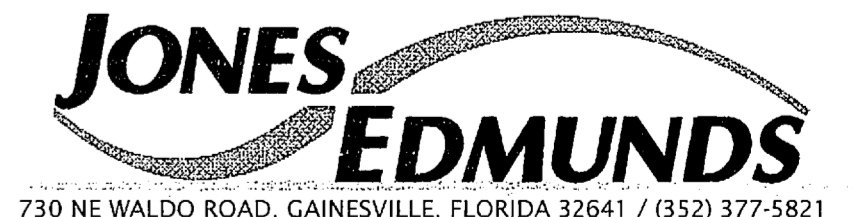


EL. 240'-0" H
NTS S27



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REVISIONS				
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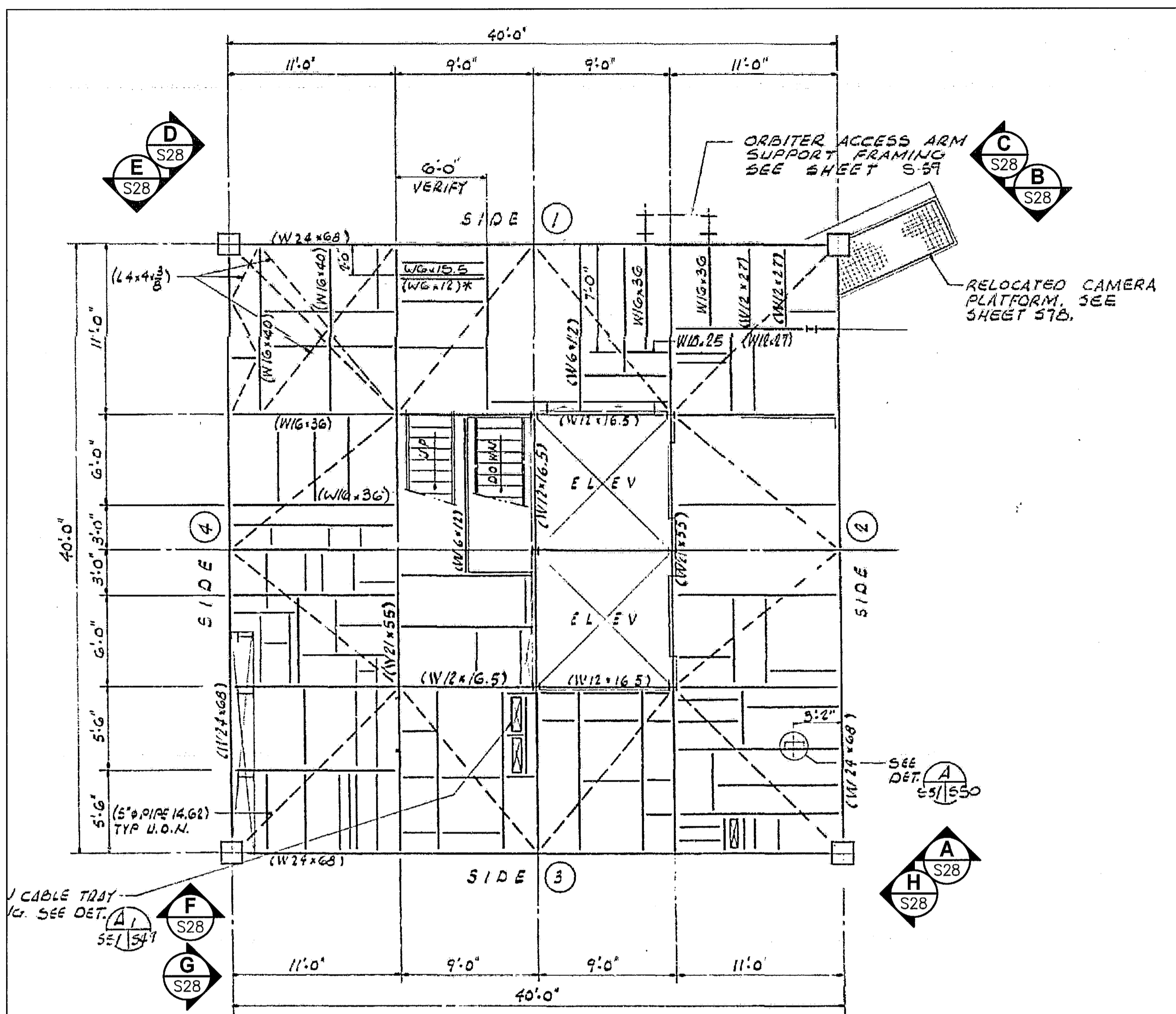


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO		06/24/09	FSS FRAMING PLAN EL. 240.0 FT	
SUBMITTED <i>[Signature]</i>		6/24/09		
APPROVED <i>[Signature]</i>	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 42	

S27

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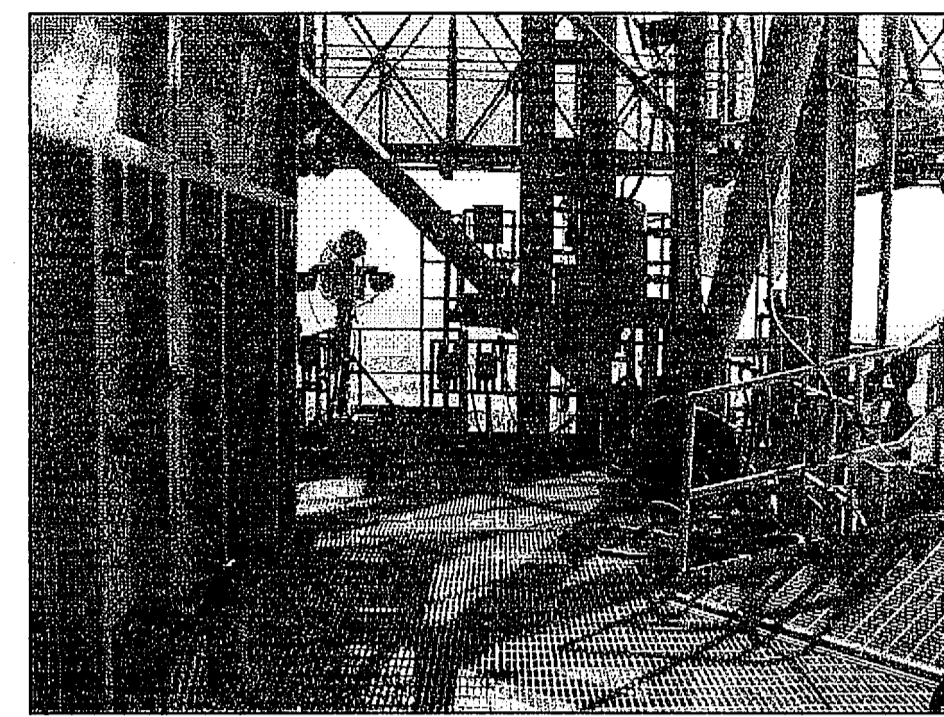
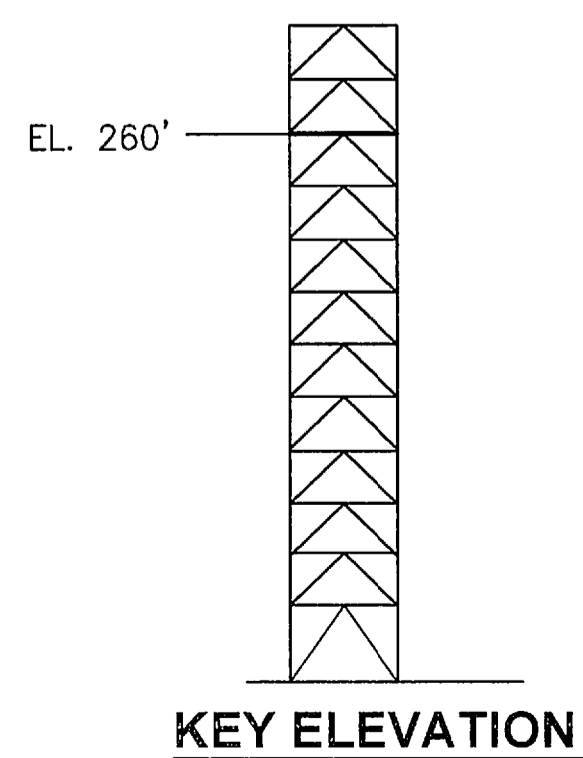


FRAMING PLAN EL. 260'-0" (LEVEL 2ND OF EXISTING TOWER)
NTS

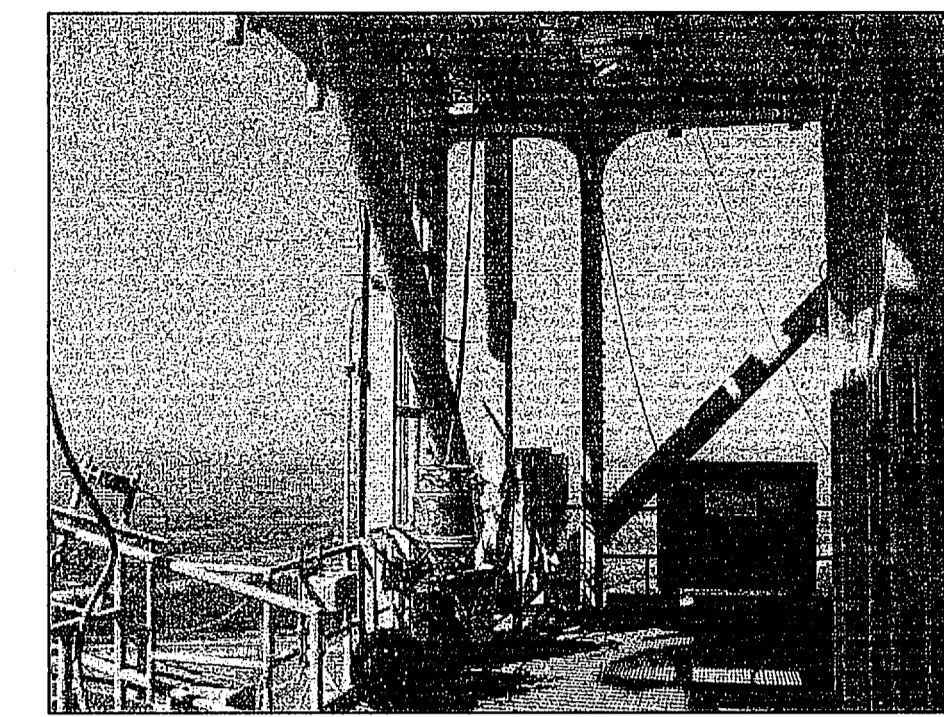
- 1. TOP OF GRATING EL. 260'-0"
- 2. TOP OF STEEL EL. 259'-10 3/4" UNLESS OTHERWISE NOTED.
- 3. SEE SHEET S47 FOR FLOOR FRAMING NOTES.

FSS FRAMING PLAN EL. 260'-0"

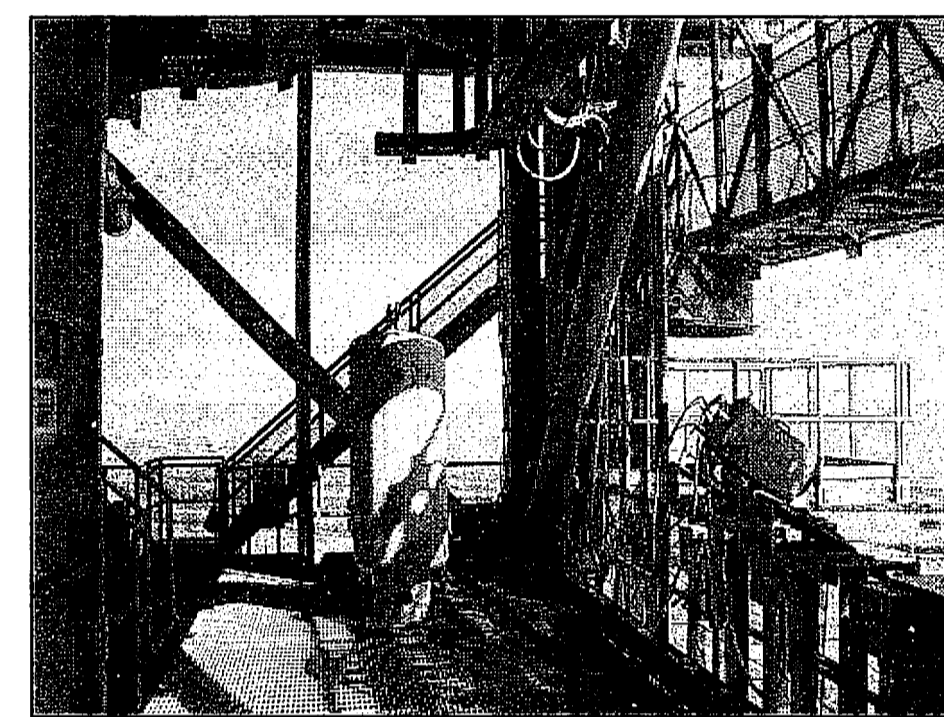
NTS - SOURCE FILE 79K10338 SHEET S51



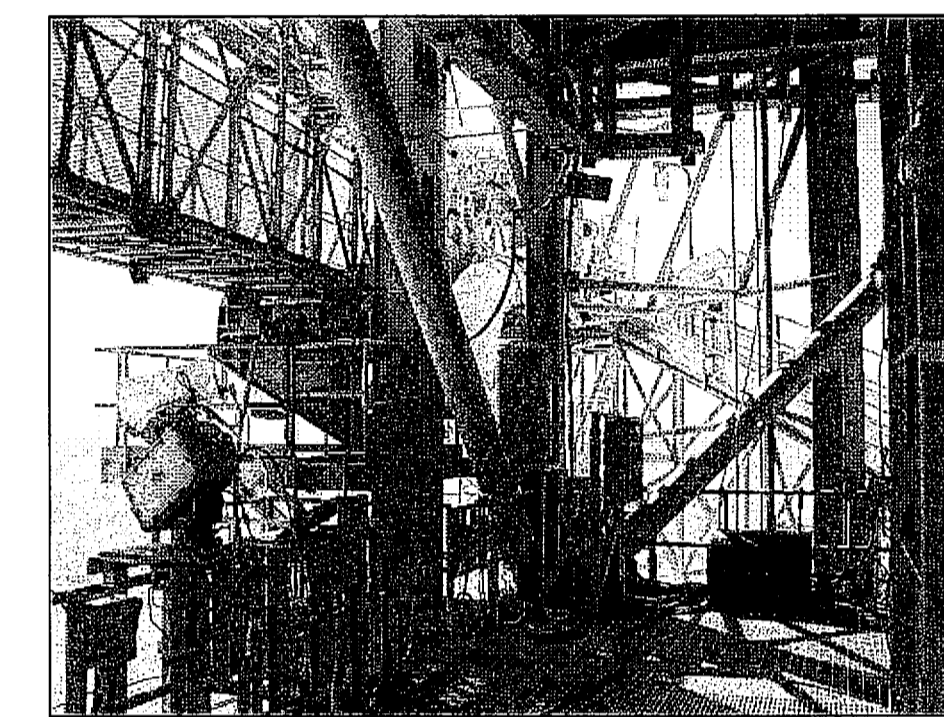
EL. 260'-0" A
NTS S28



EL. 260'-0" B
NTS S28



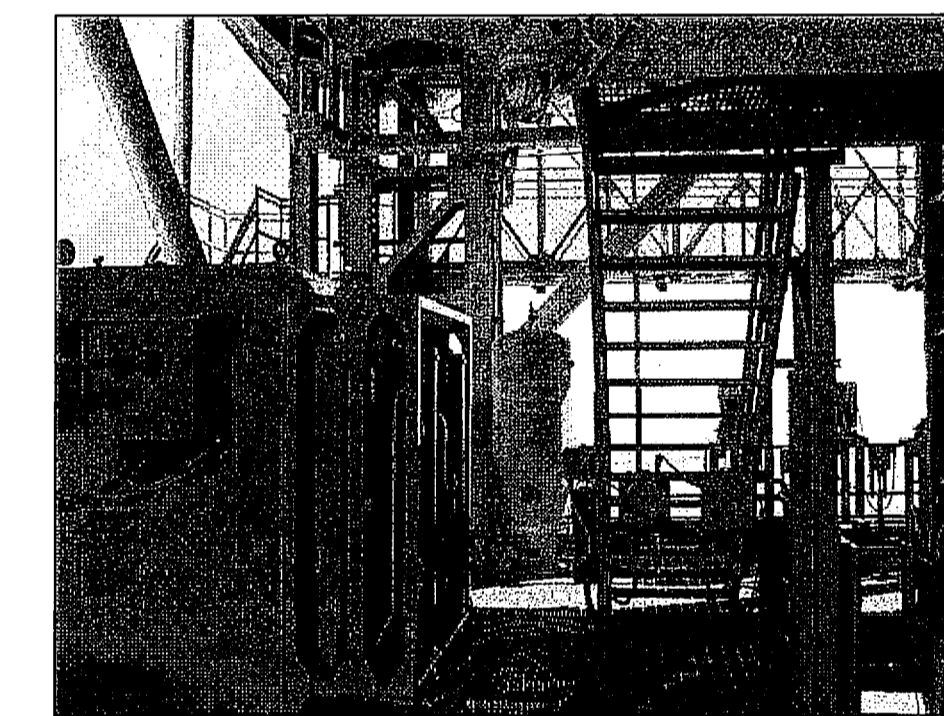
EL. 260'-0" C
NTS S28



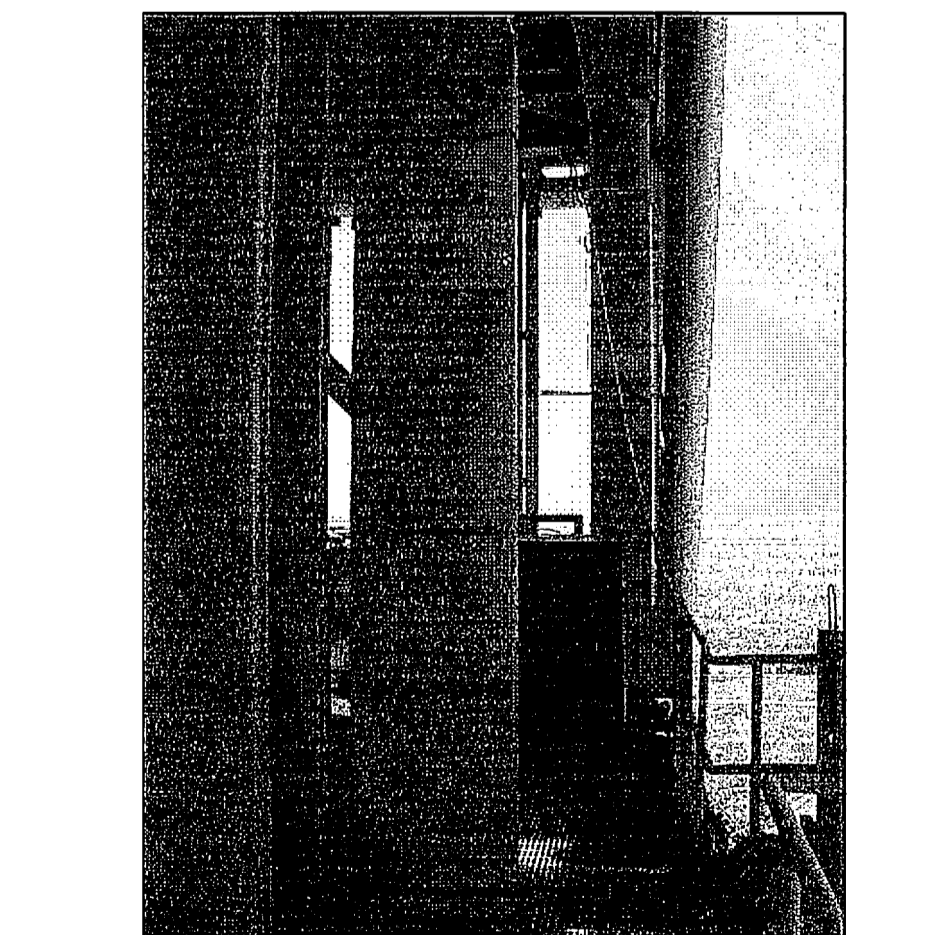
EL. 260'-0" D
NTS S28



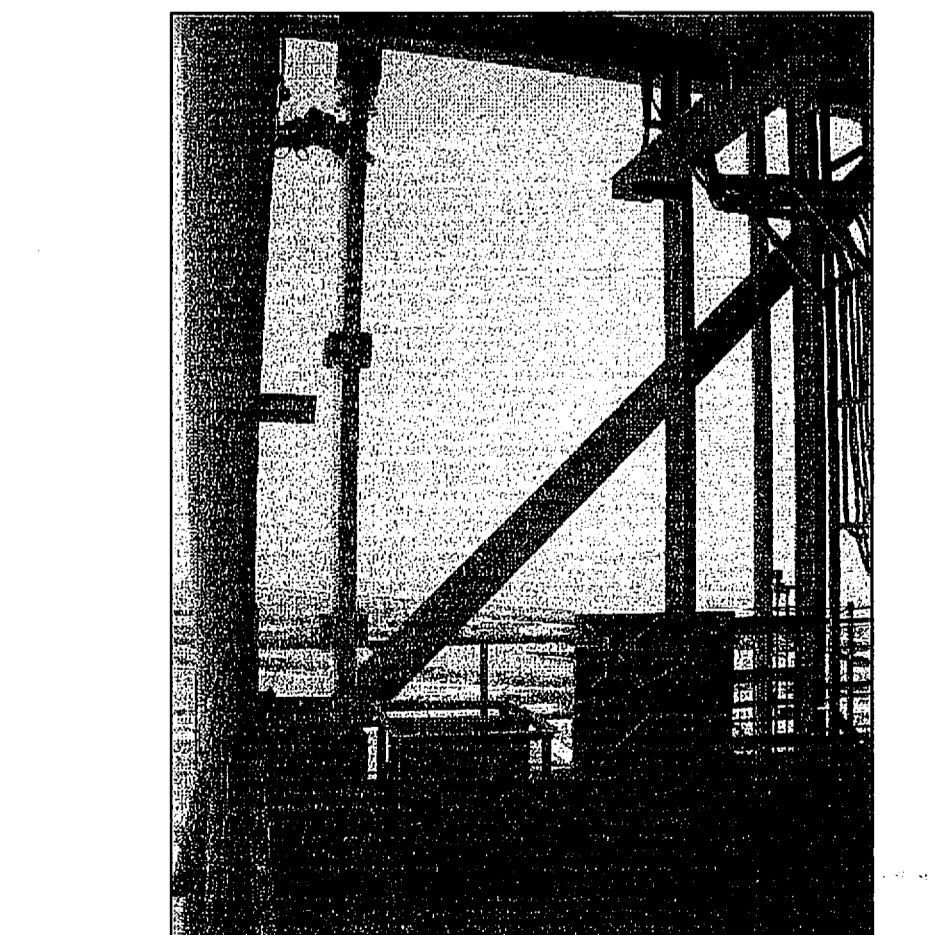
EL. 260'-0" E
NTS S28



EL. 260'-0" F
NTS S28



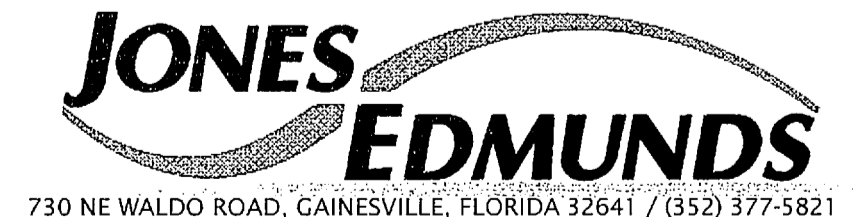
EL. 260'-0" G
NTS S28



EL. 260'-0" H
NTS S28

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REVISIONS				
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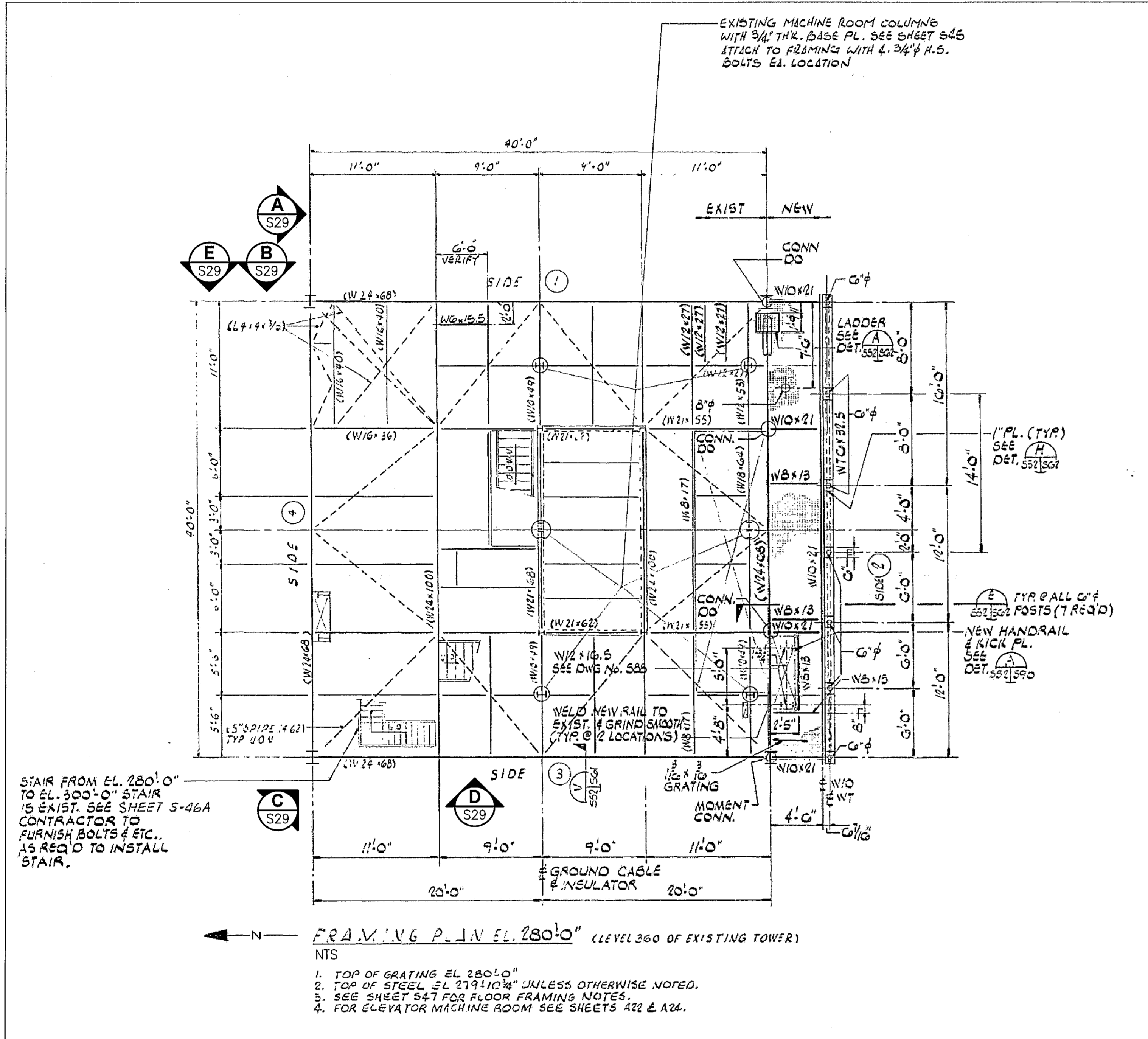


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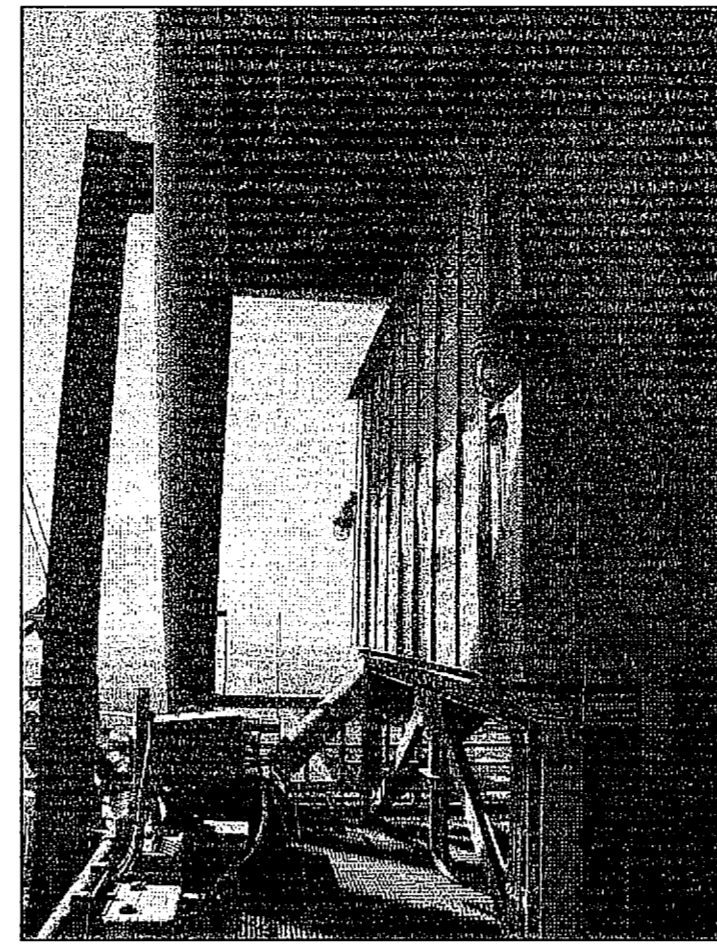
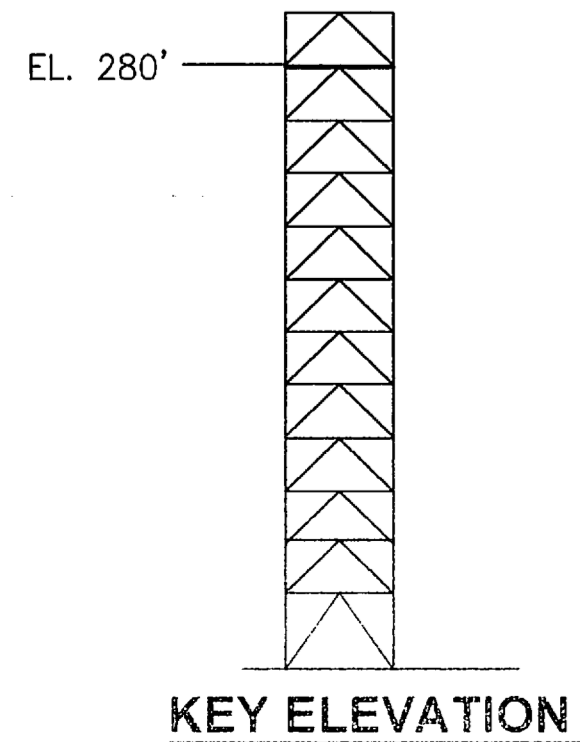
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO	06/24/09	FSS FRAMING PLAN EL. 260.0 FT	
APPROVED <i>[Signature]</i>		DATE 06/24/09	SIZE F
DWG. NO. 222W2200001		PROJ. NO. 98580	SHEET 43

S28

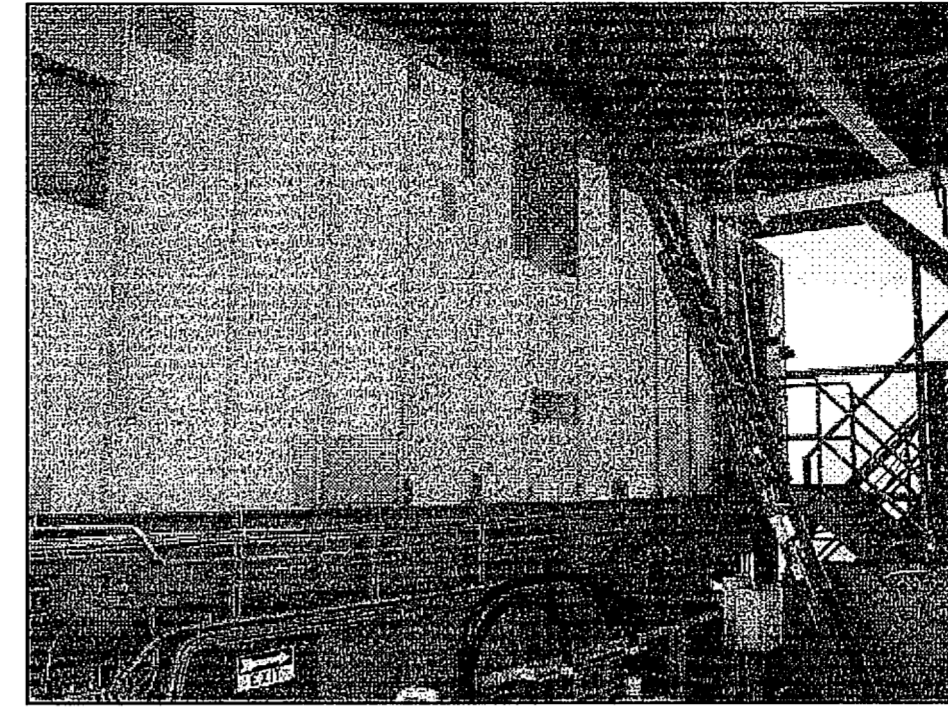
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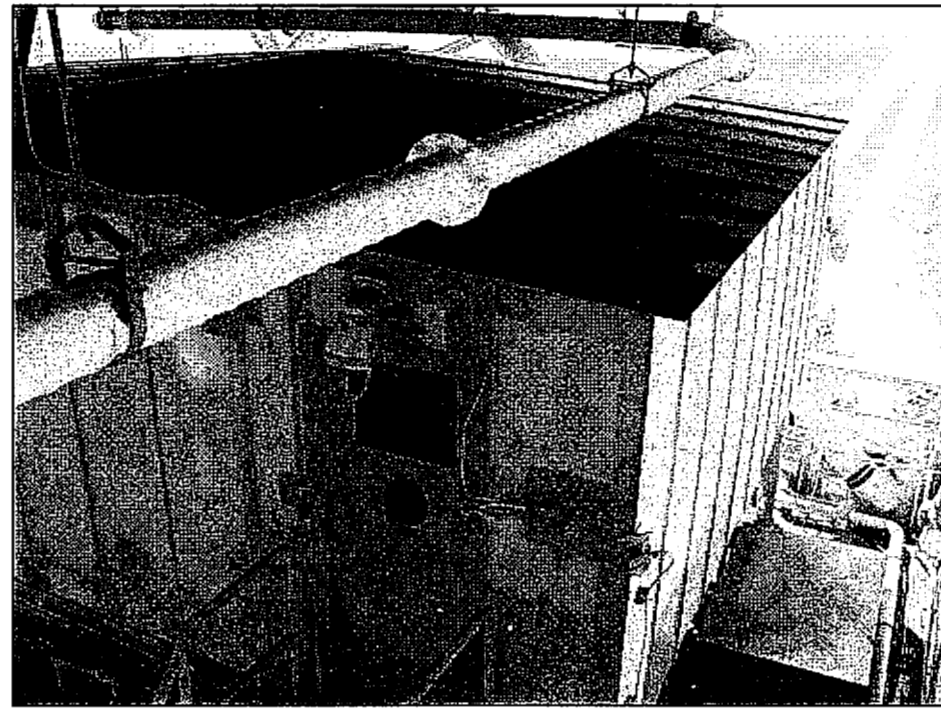
FSS FRAMING PLAN EL. 280'-0"
NTS - SOURCE FILE 79K10338 SHEET S52



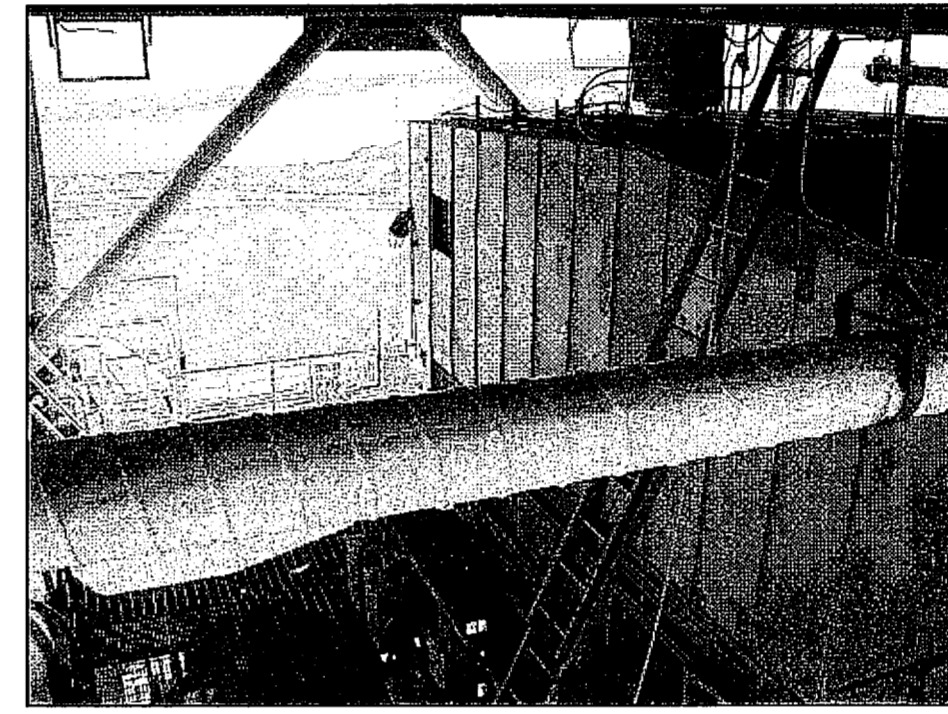
EL. 280'-0" A
NTS S29



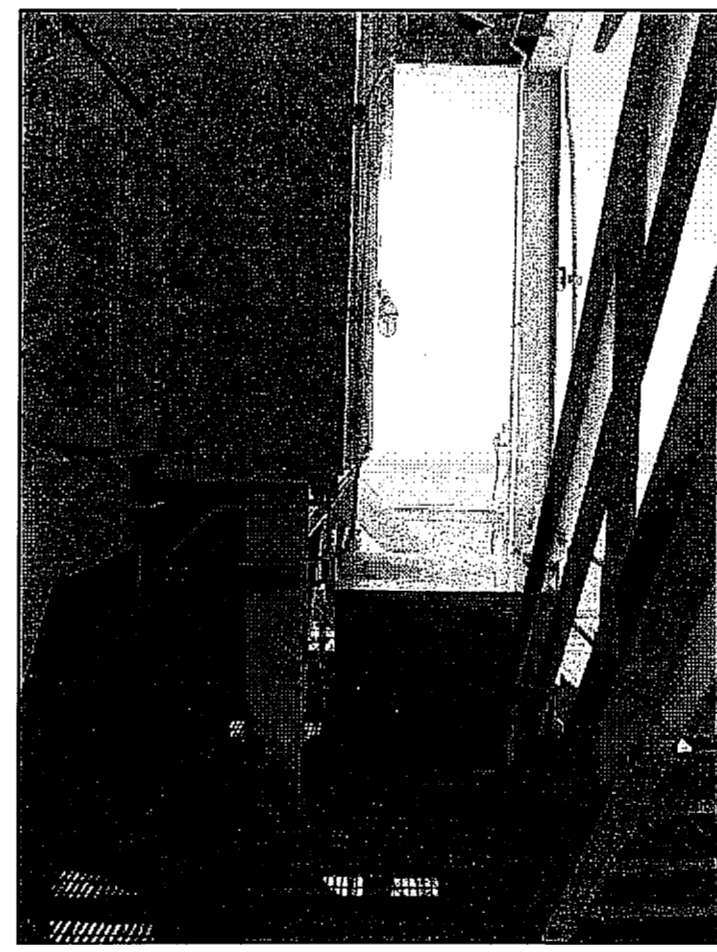
EL. 280'-0" B
NTS S29



EL. 280'-0" C
NTS S29



EL. 280'-0" D
NTS S29



EL. 280'-0" E
NTS S29

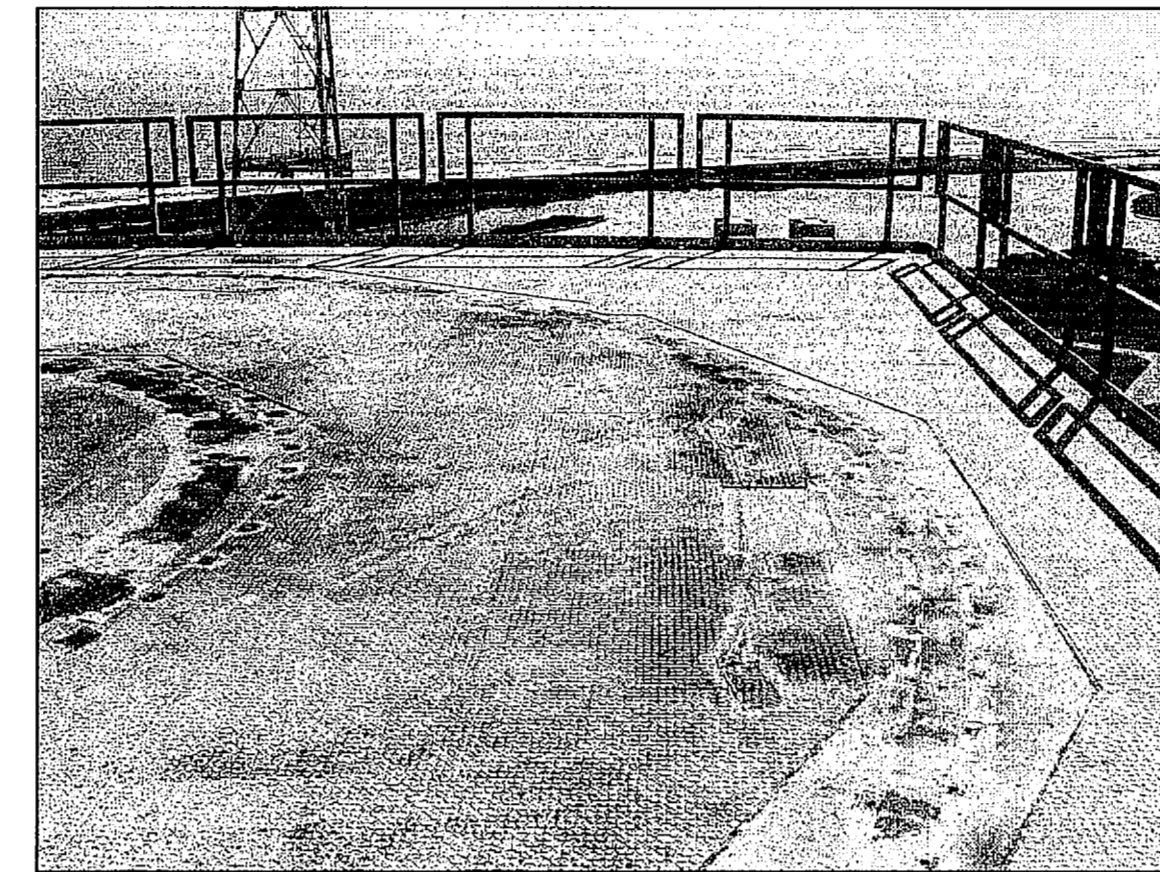
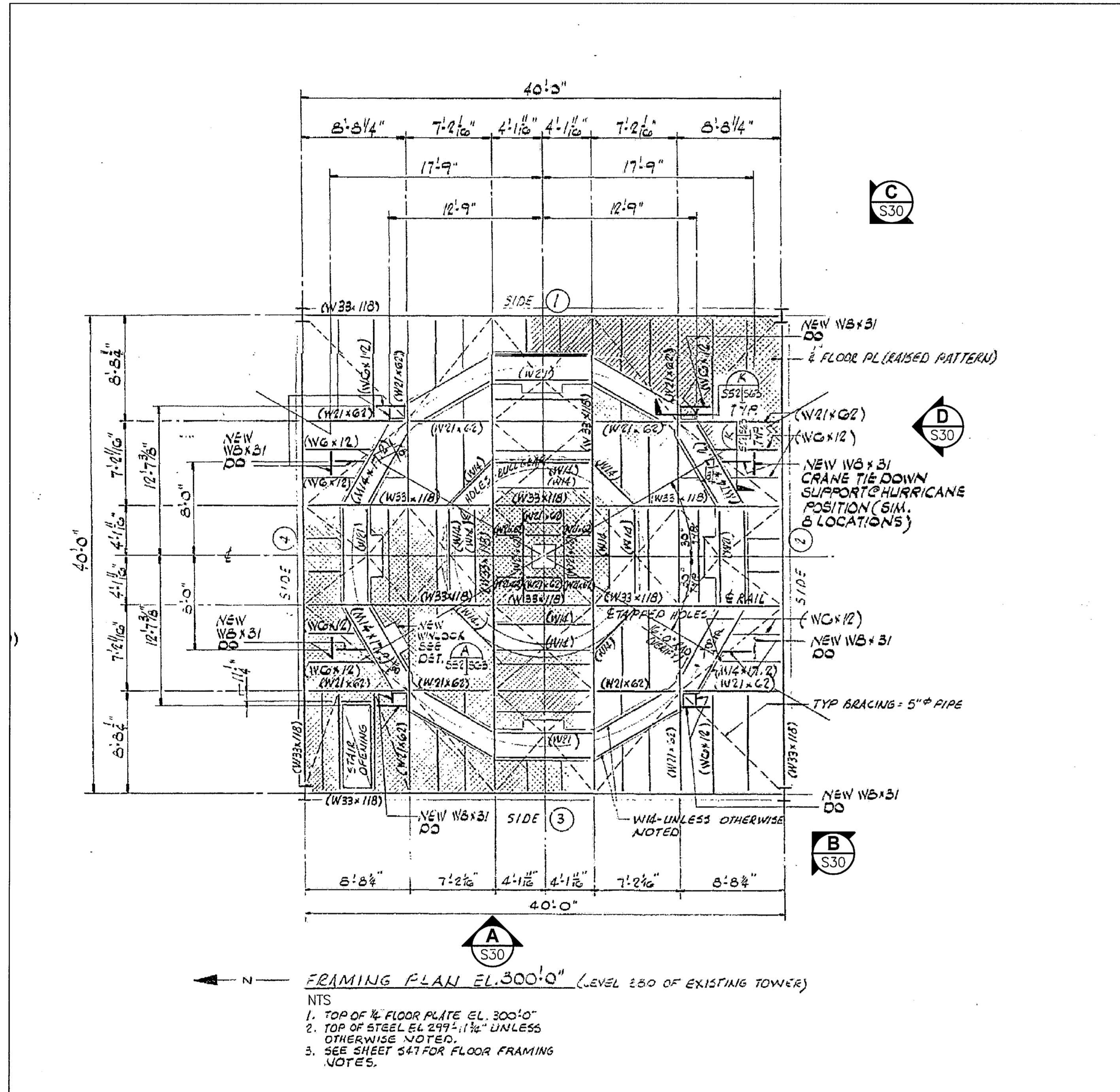
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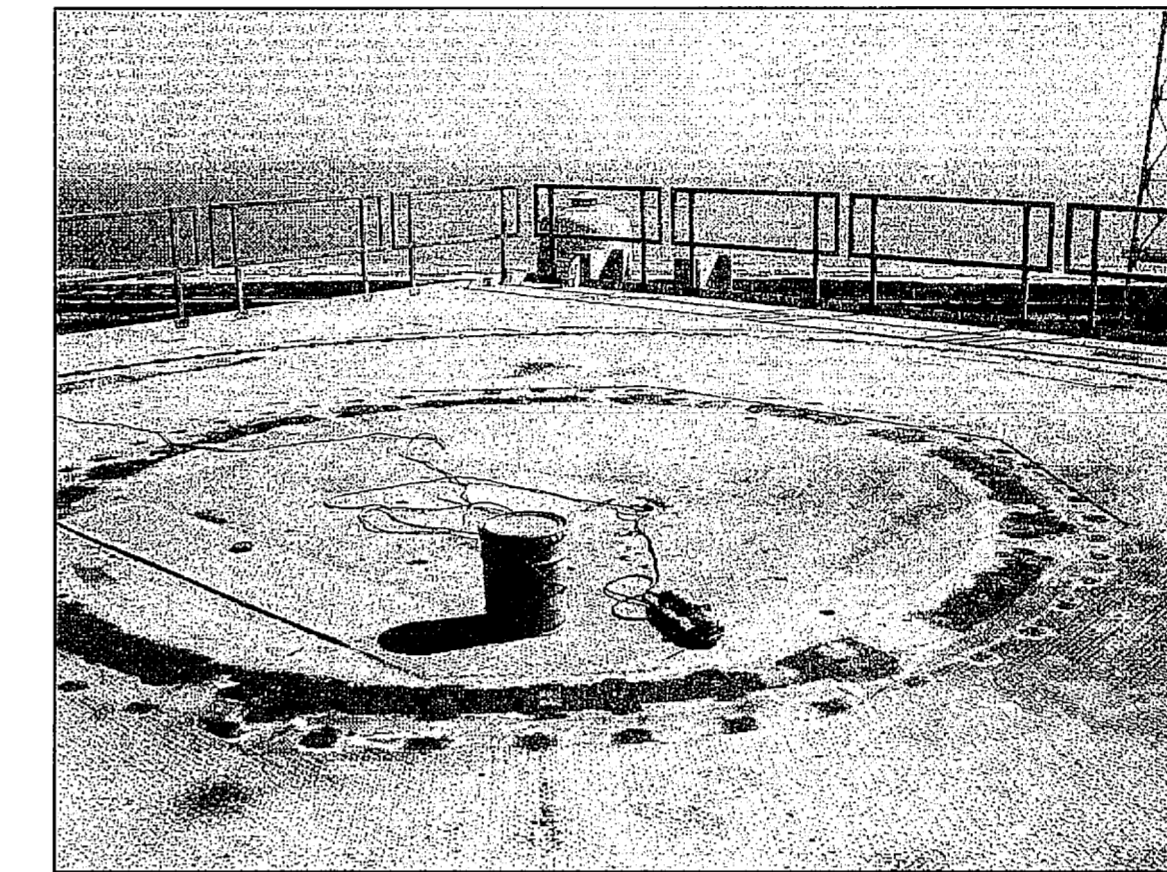


SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	FSS FRAMING PLAN EL. 280.0 FT
APPROVED <i>[Signature]</i>	DATE 06/24/09	
S29	F	222W2200001
TITLE		PROJ. NO. 98580
		SHEET 44

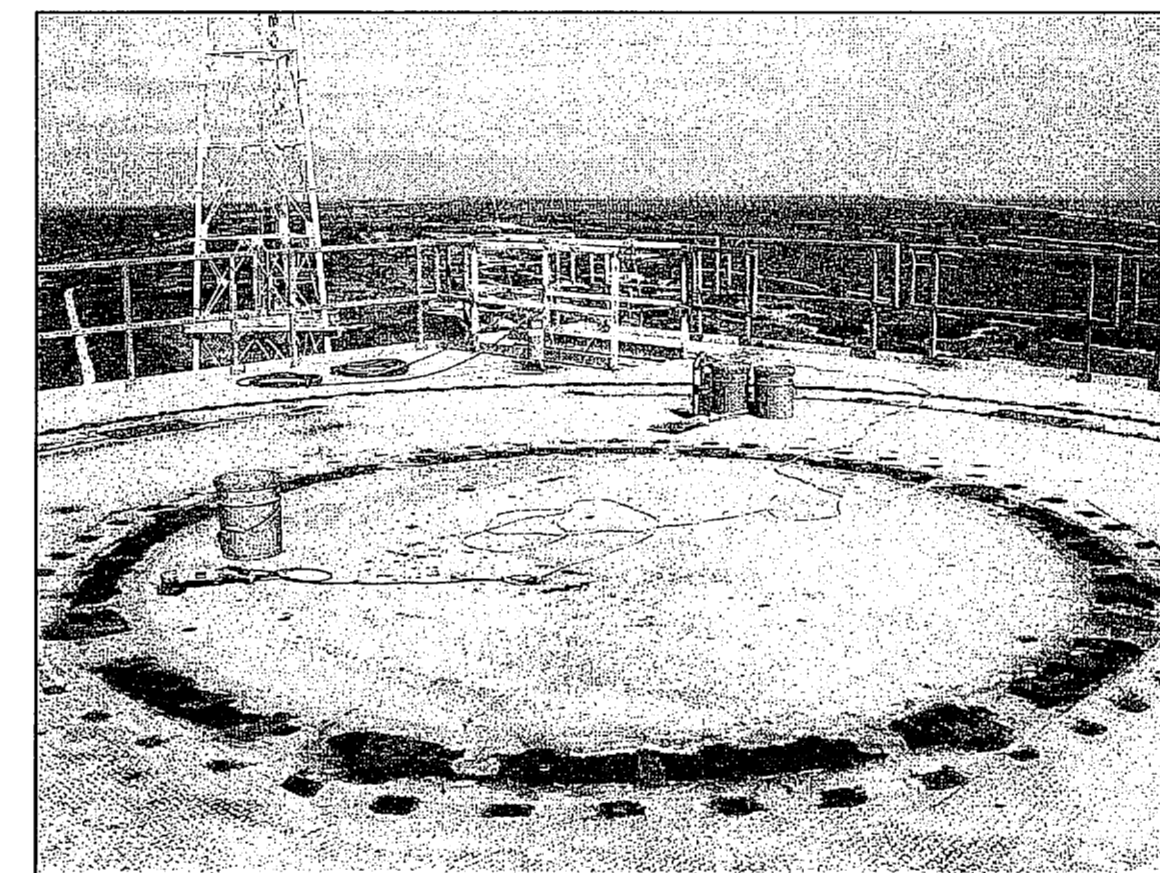
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EL. 300 FT A
NTS S30



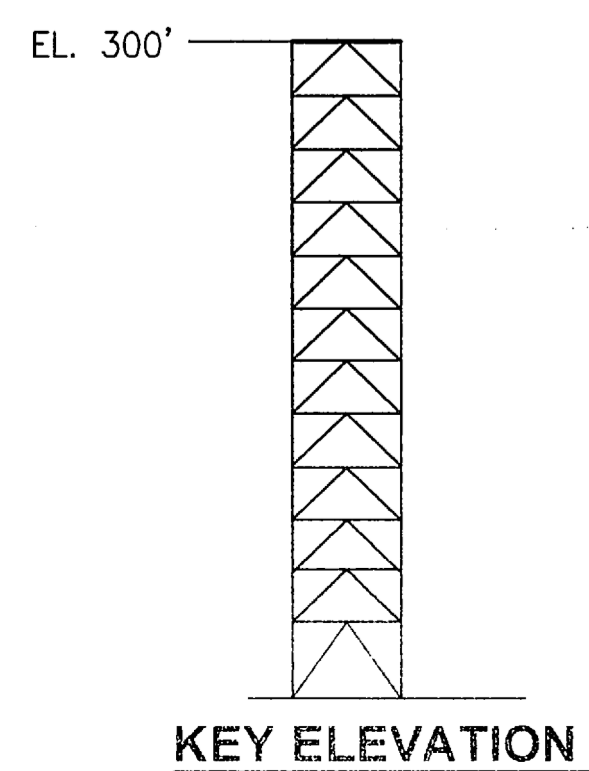
EL. 300 FT B
NTS S30



EL. 300 FT C
NTS S30



EL. 300 FT D
NTS S30



FSS FRAMING PLAN EL. 300 FT
NTS - SOURCE FILE 79K10338 SHEET S52

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

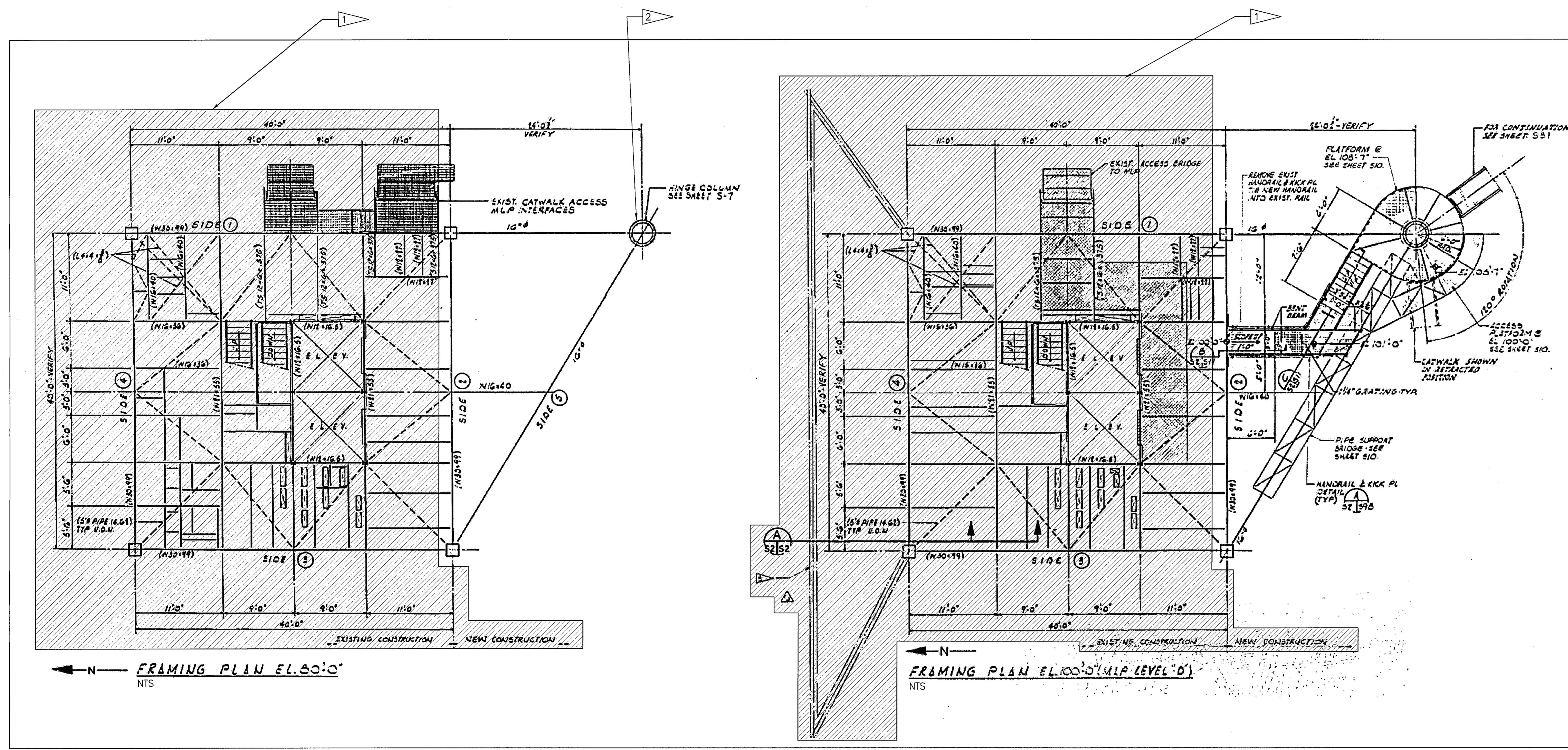
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	
APPROVED <i>[Signature]</i>	06/24/09	FSS FRAMING PLAN EL. 300 FT

S30	APPROVED	DATE	SIZE	DWG. NO.	REV
			F	222W2200001	
	TITLE	PROJ. NO.	SHEET		45
		98580			

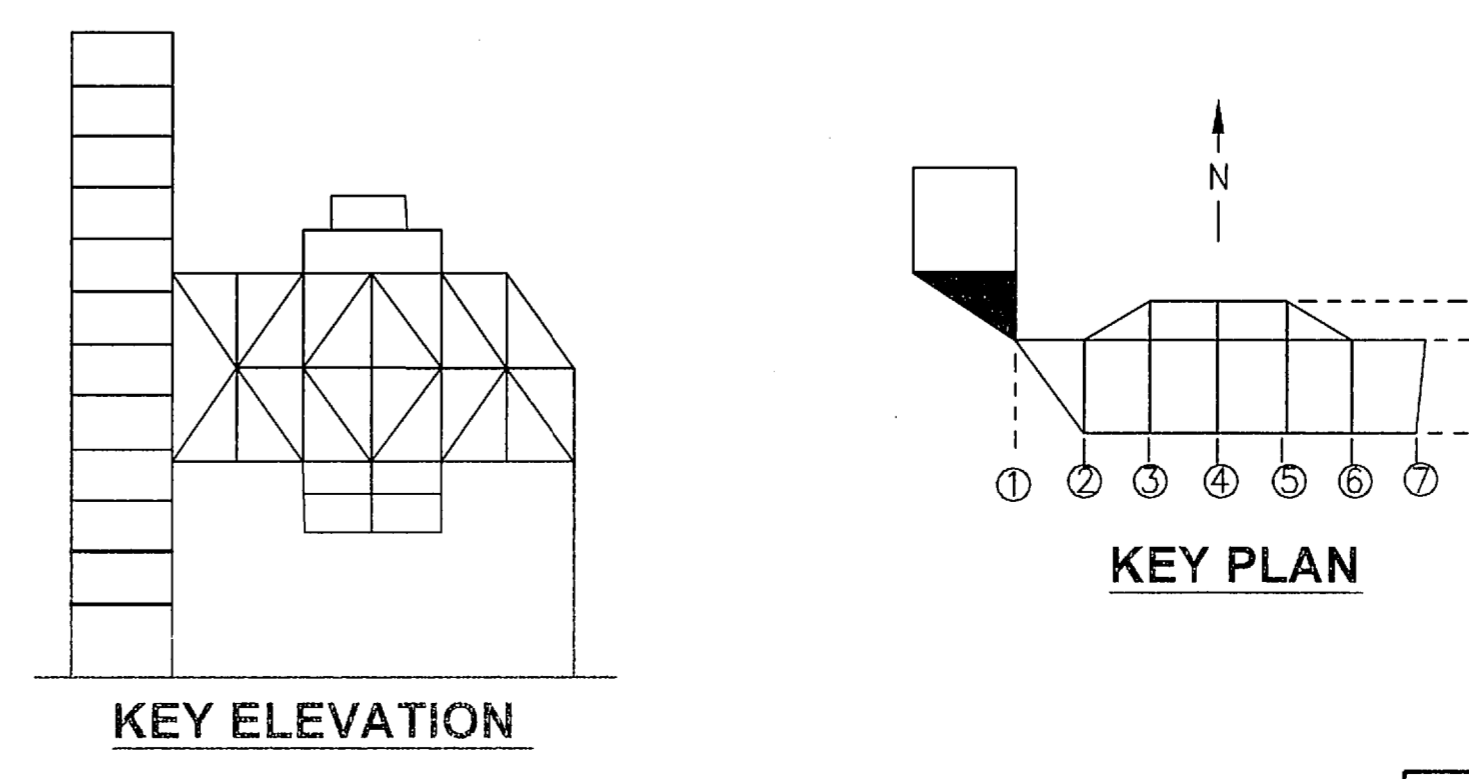
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FLAG NOTES

- 1 SEE SHEETS S19-S30 FOR MAIN FSS FRAMING.
- 2 SEE SHEET S18 FOR HINGE COLUMN FRAMING ELEVATIONS.



FSS - HINGE COLUMN FRAMING - PLANS EL. 80.0 FT AND 100.0 FT
 NTS - SOURCE FILE 79K14110 SHEET S2



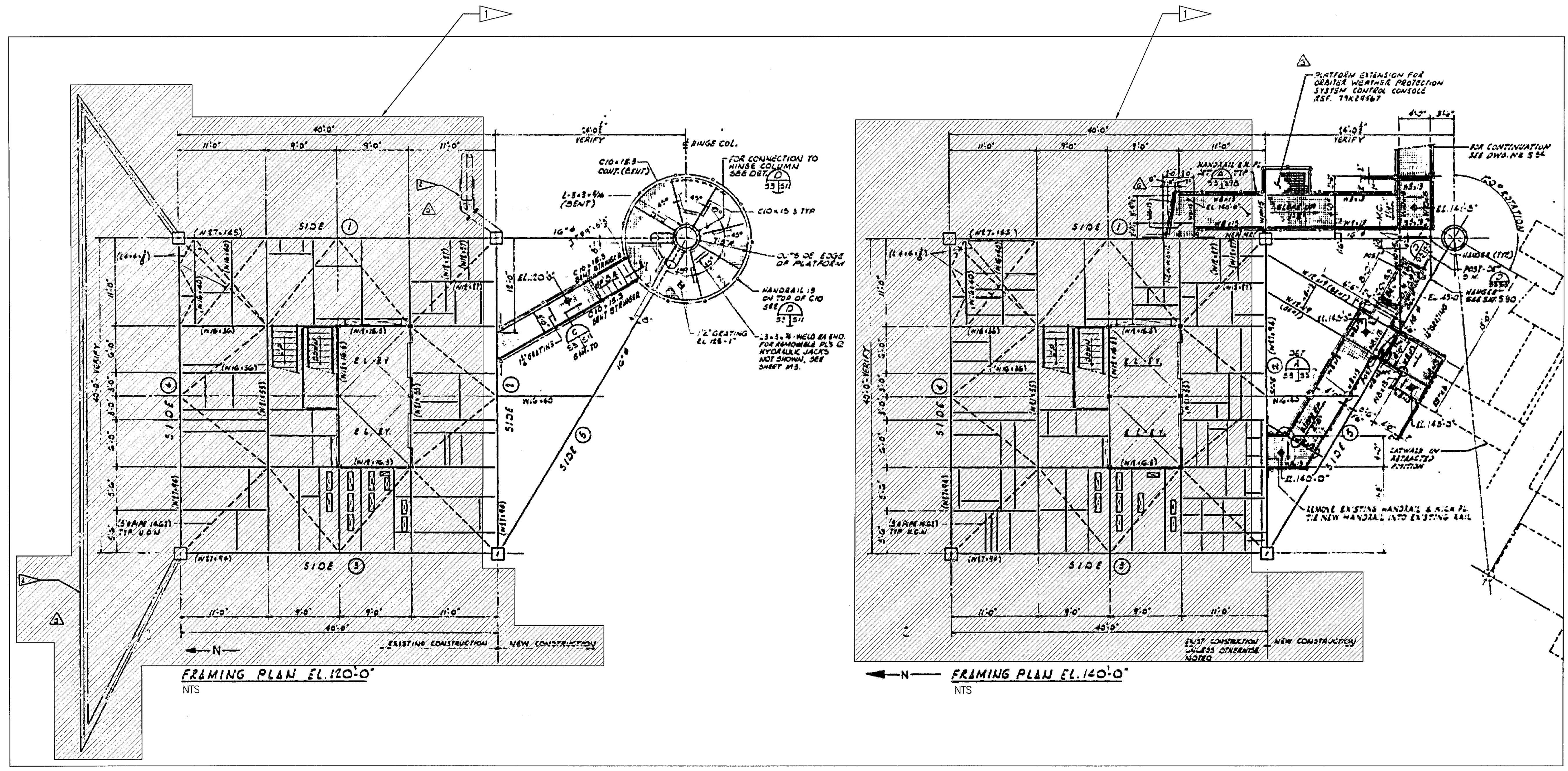
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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S31.DWG				
JONES EDMUNDS				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED <i>[Signature]</i>		6/24/09		
APPROVED <i>[Signature]</i>		DATE 6/24/09		
SIZE F		DWG. NO. 222W2200001		REV
TITLE FSS - HINGE COLUMN FRAMING - PLANS EL. 80.0 FT AND 100.0 FT		PROJ. NO. 98580		SHEET 46

S31

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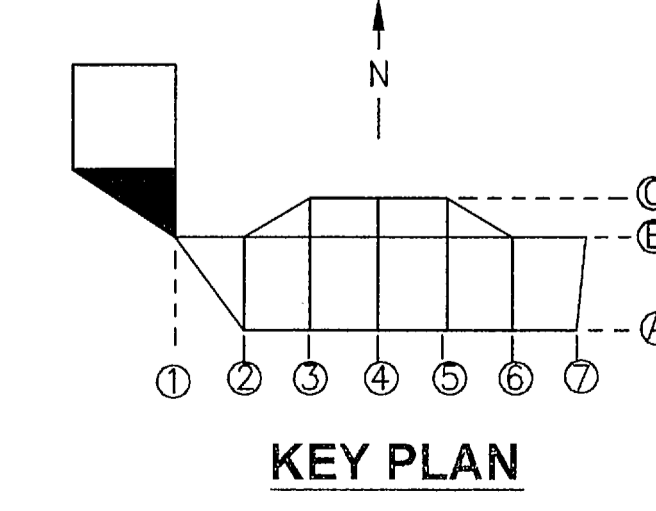
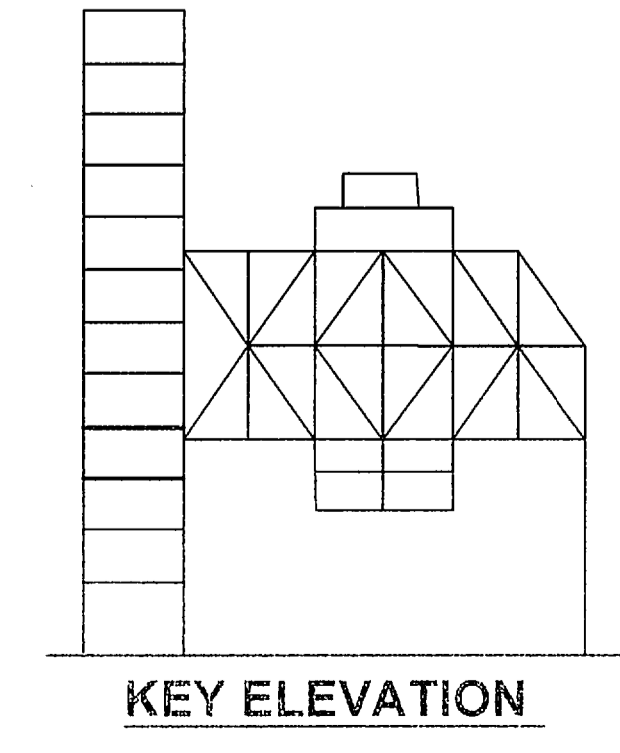
FLAG NOTES

1 SEE SHEETS S19-S30 FOR MAIN FSS FRAMING.



FSS - HINGE COLUMN FRAMING - PLANS EL. 120 FT AND 140 FT

NTS - SOURCE FILE 79K14110 SHEET S3



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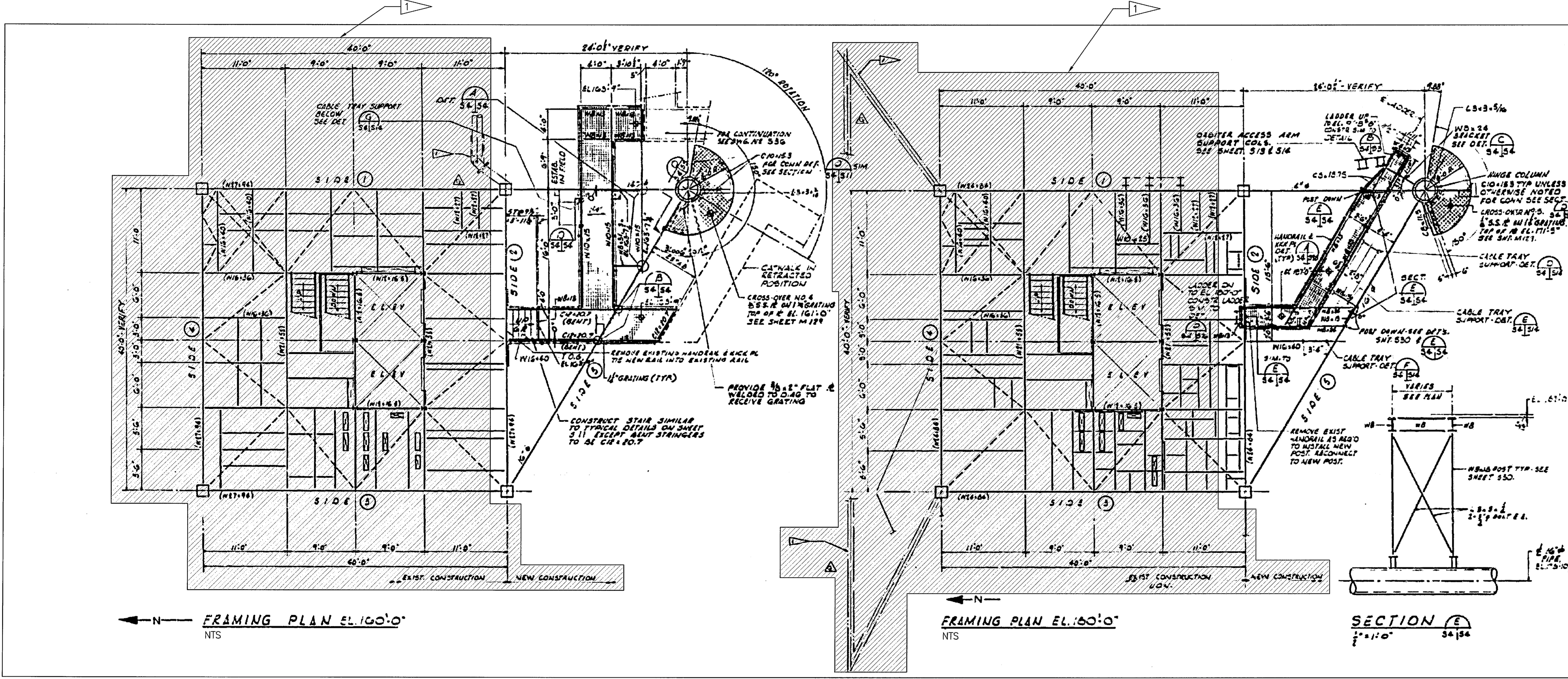
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS - HINGE COLUMN FRAMING - PLANS EL. 120 FT AND 140 FT
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED <i>[Signature]</i>	06/24/09	
SUBMITTED <i>[Signature]</i>	06/24/09	

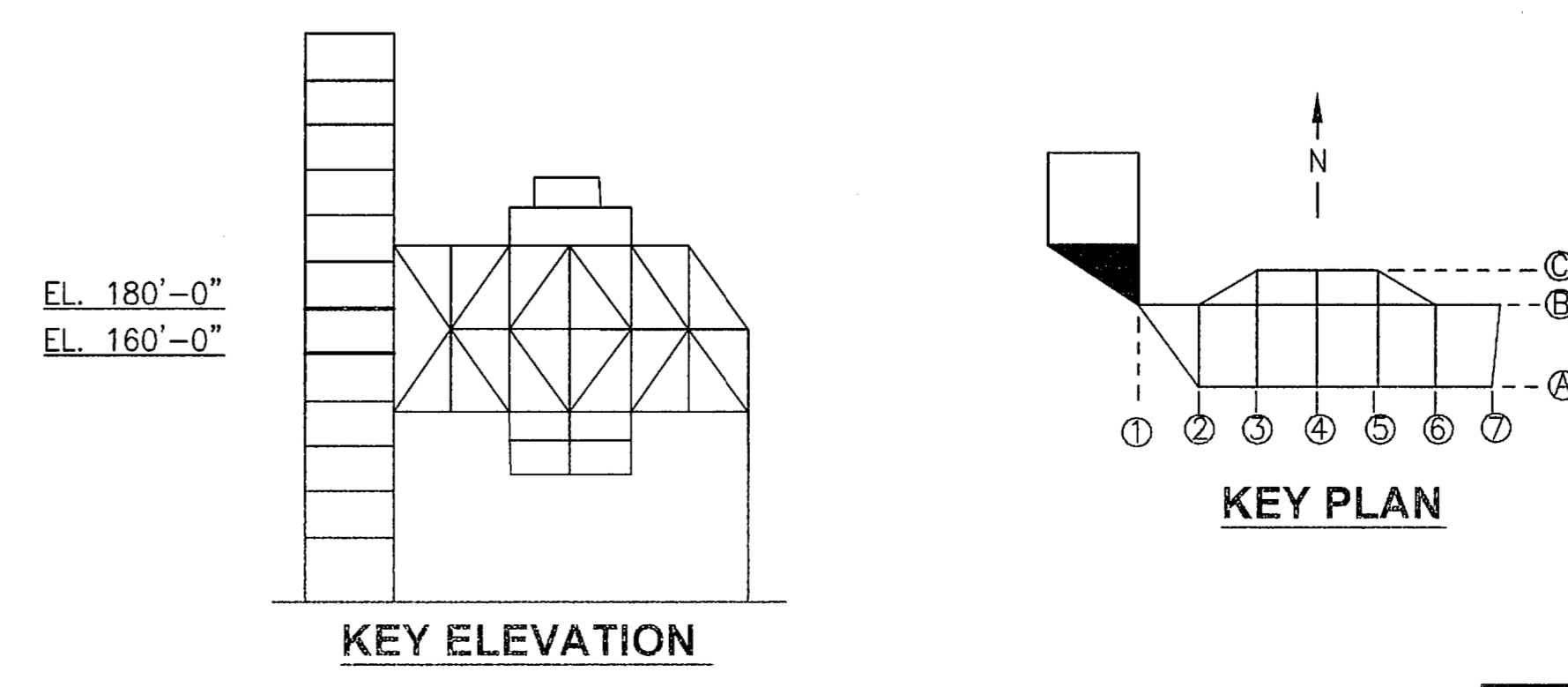
S32	TITLE	DATE	SIZE	DWG. NO.	REV
			F	222W2200001	
	PROJ. NO. 98580				SHEET 47

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FLAG NOTES
 1 SEE SHEETS S19-S30 FOR MAIN FSS FRAMING.



FSS - HINGE COLUMN FRAMING - PLANS EL. 160 FT AND 180 FT
 NTS - SOURCE FILE 79K14110 SHEET S4



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730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES		DATE		
DRAWN	S. HAFERKAMP	06/24/09		
CHECKED	S. BHIDE	06/24/09		
DESIGNED	N. PONTILLO	06/24/09		
SUBMITTED	NP	6/24/09		
APPROVED	DATE		SIZE	DWG. NO.
TITLE		DATE	F	222W2200001
PROJECT		NO.	98580	SHEET 48

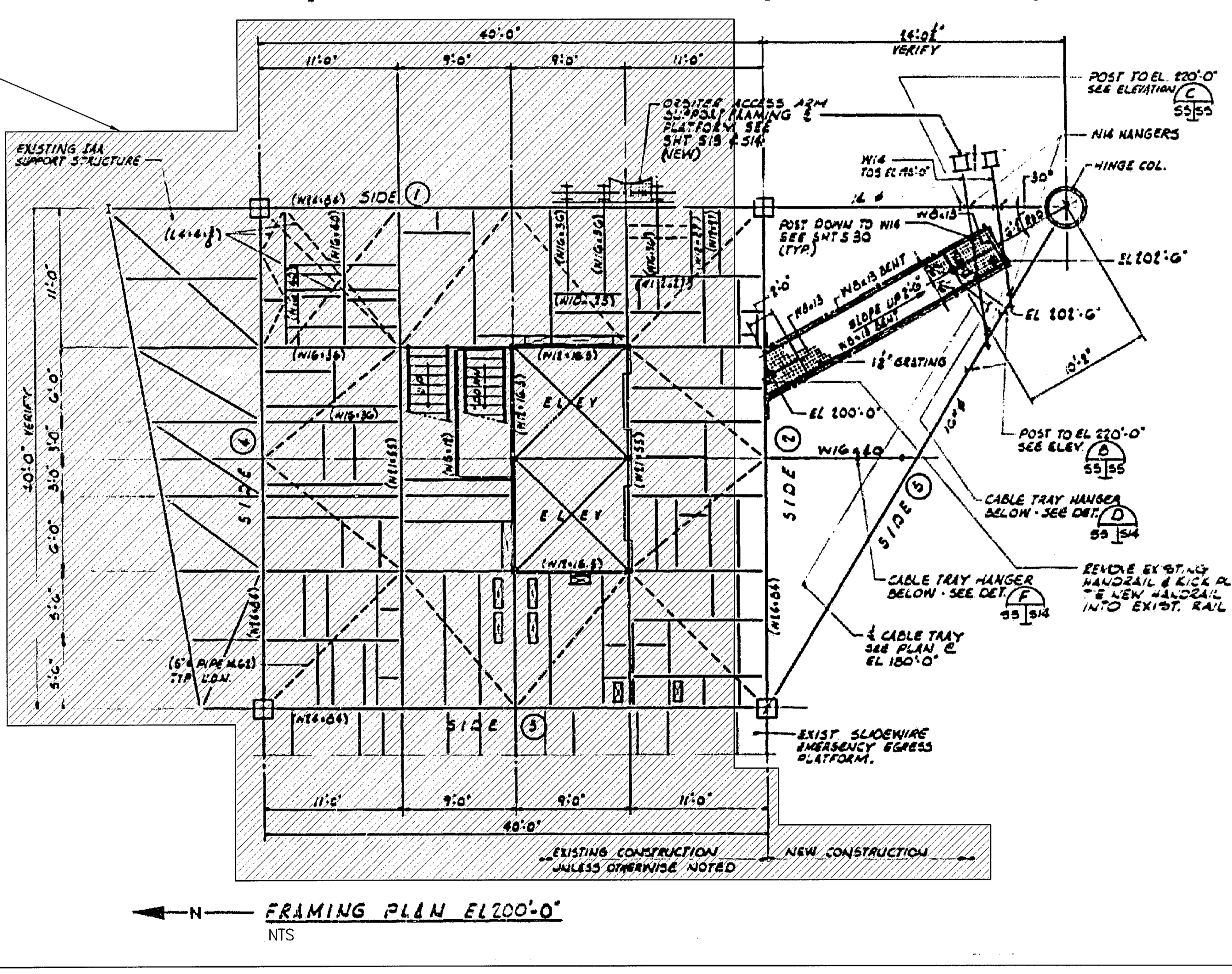
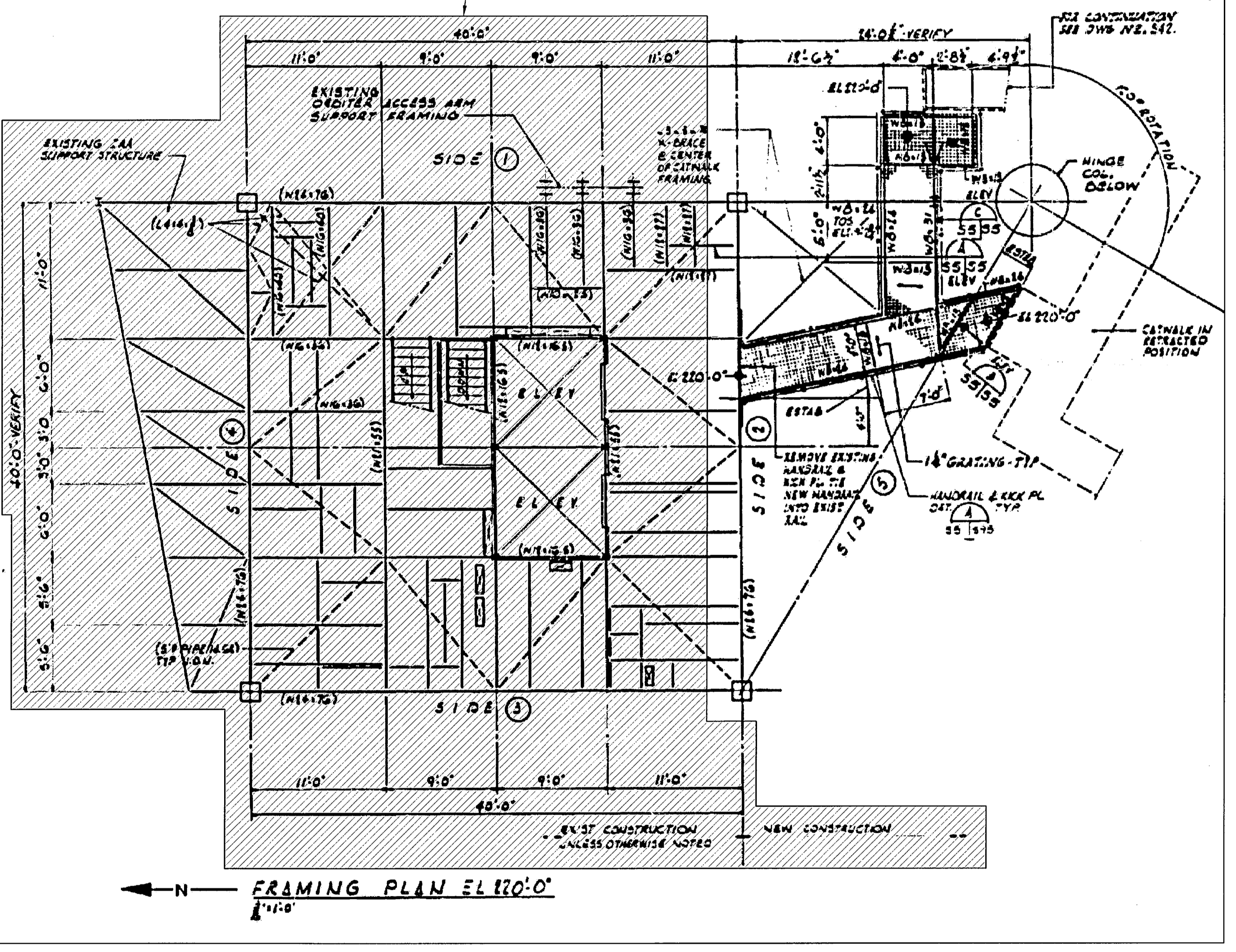
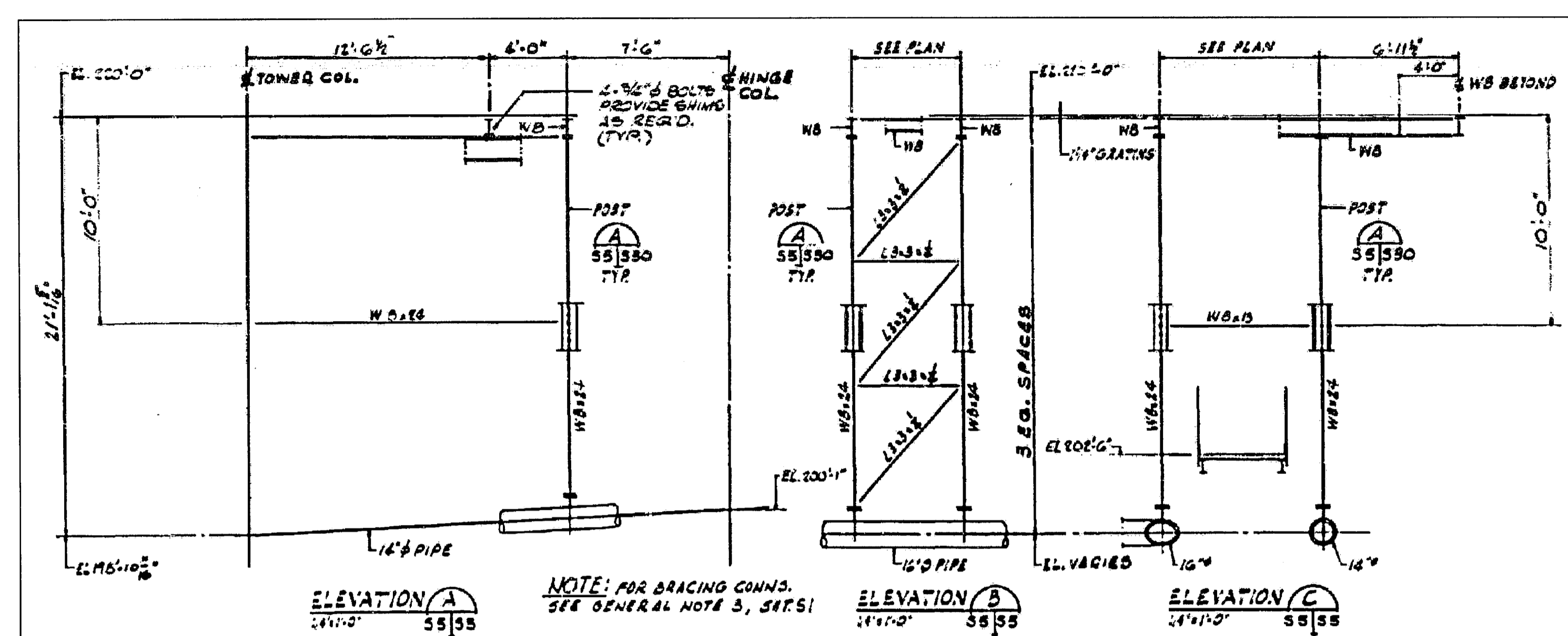
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 JOHN F. KENNEDY SPACE CENTER, NASA
 KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
 FSS/RSS AT LAUNCH COMPLEX 39B,
 DEMOLITION PACKAGE
 FSS - HINGE COLUMN FRAMING -
 PLANS EL. 160 FT AND 180 FT**

S33

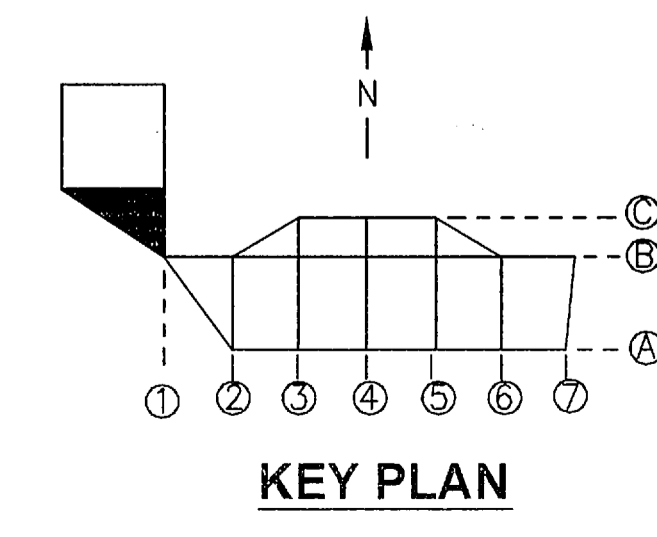
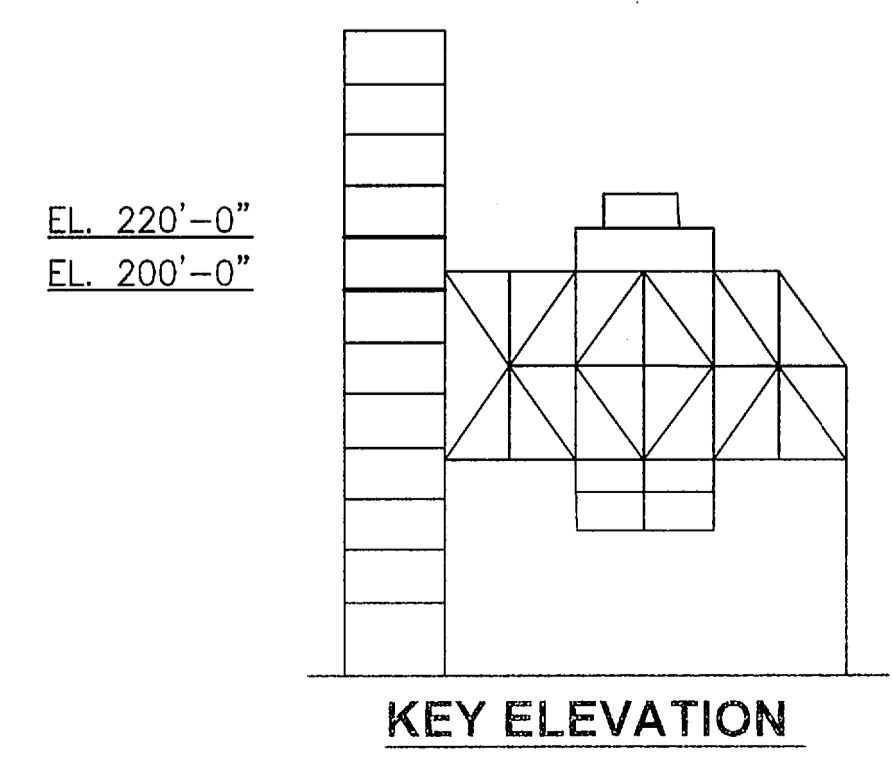
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded as an implication or otherwise in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

FLAG NOTES

SEE SHEETS S19-S30 FOR MAIN FSS FRAMING.



FSS - HINGE COLUMN FRAMING - PLANS EL. 200 FT AND 220 FT
 NTS - SOURCE FILE 79K14110 SHEET S5



THIS SPACE RESERVED

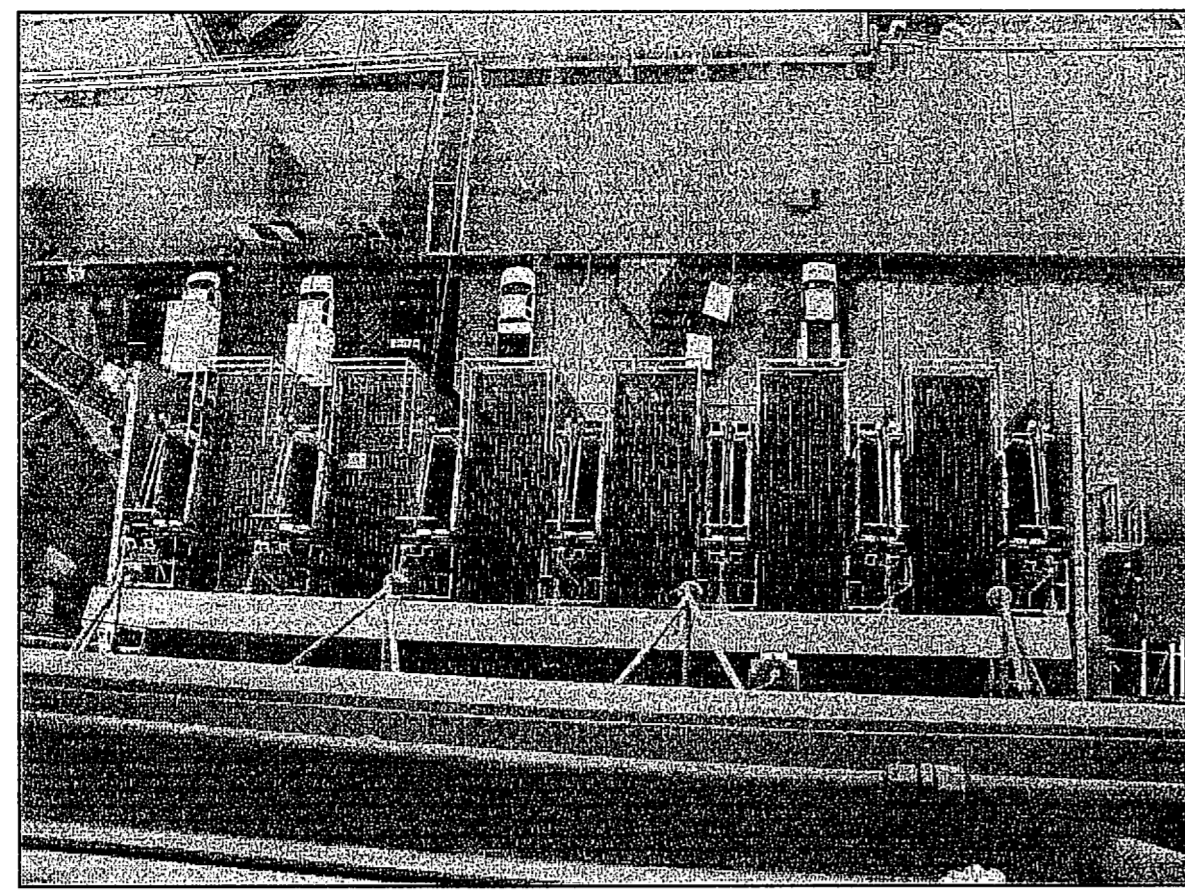
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S34.DWG				

JONES EDMUNDS

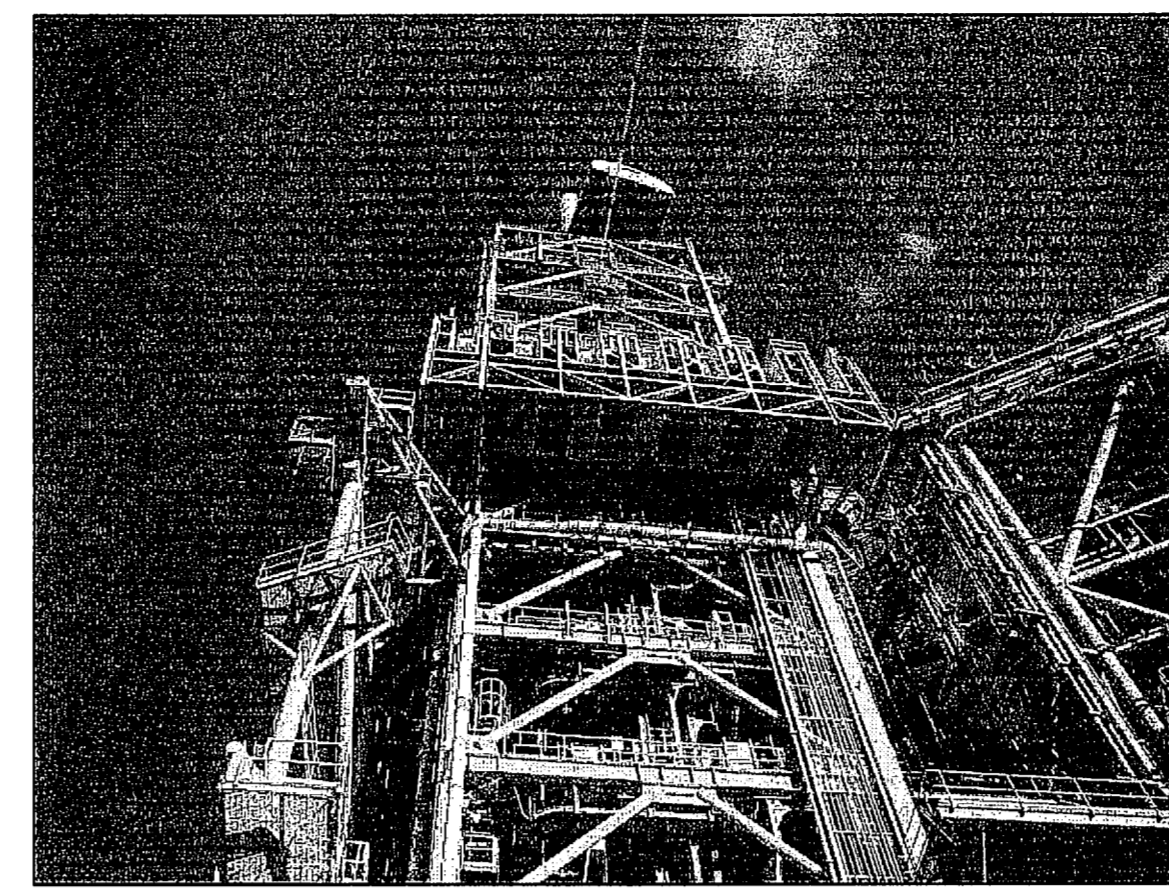
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	FSS - HINGE COLUMN FRAMING - PLANS EL. 200 FT AND 220 FT
SUBMITTED J. MP	6/24/09	
APPROVED	DATE	SIZE DWG. NO.
		F 222W2200001
TITLE		PROJ. NO. 98580
S34		SHEET 49

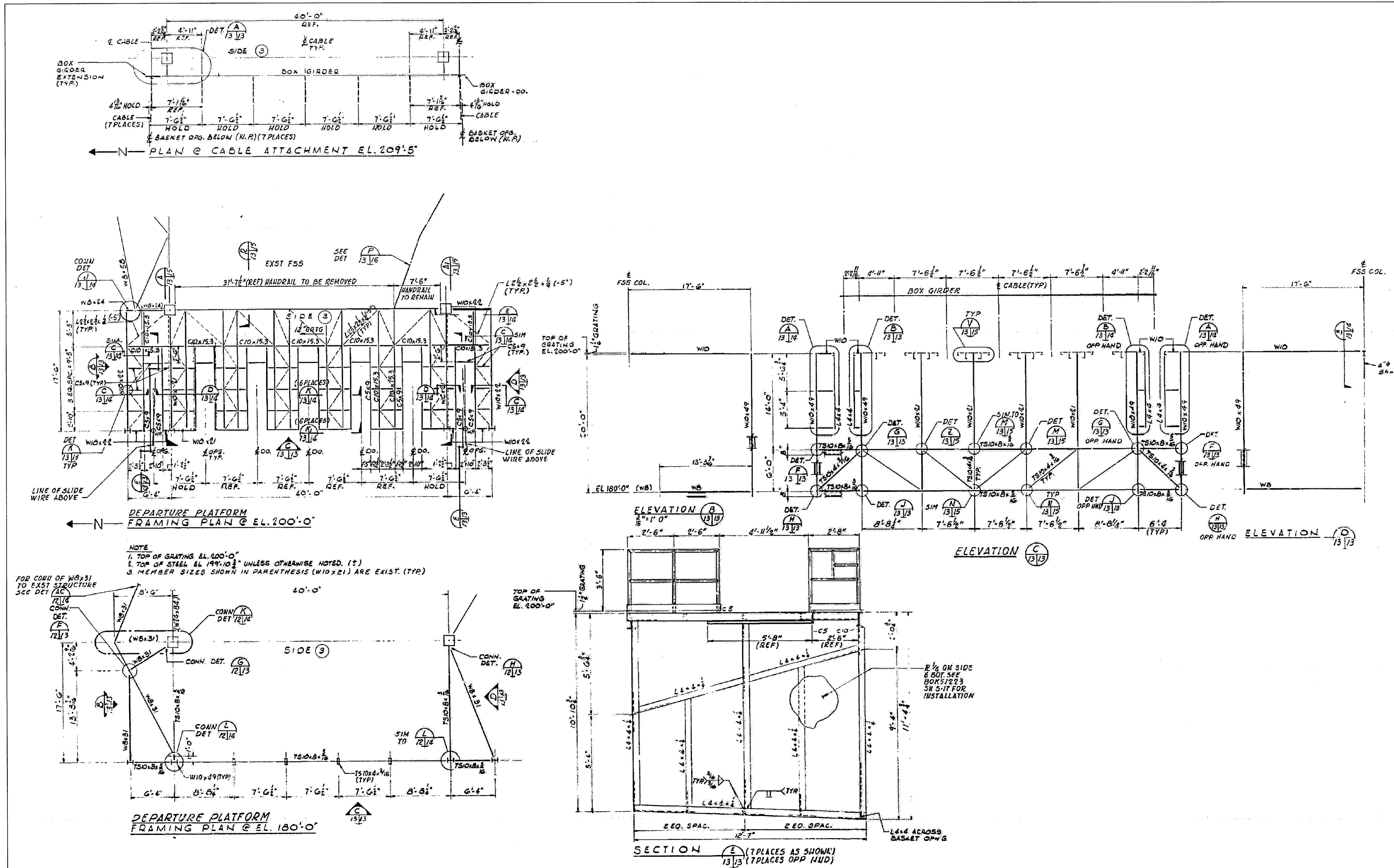
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereon incurs no responsibility nor obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



FSS SLIDEWIRE PLATFORM (FROM ABOVE)



FSS SLIDEWIRE PLATFORM (FROM BELOW)



FSS SLIDEWIRE PLATFORM - ELEVATIONS, SECTIONS AND DETAILS

NTS - SOURCE FILE 80K29957SHEET 13

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: 14005006-S35.DWG				

JONES EDMUNDS

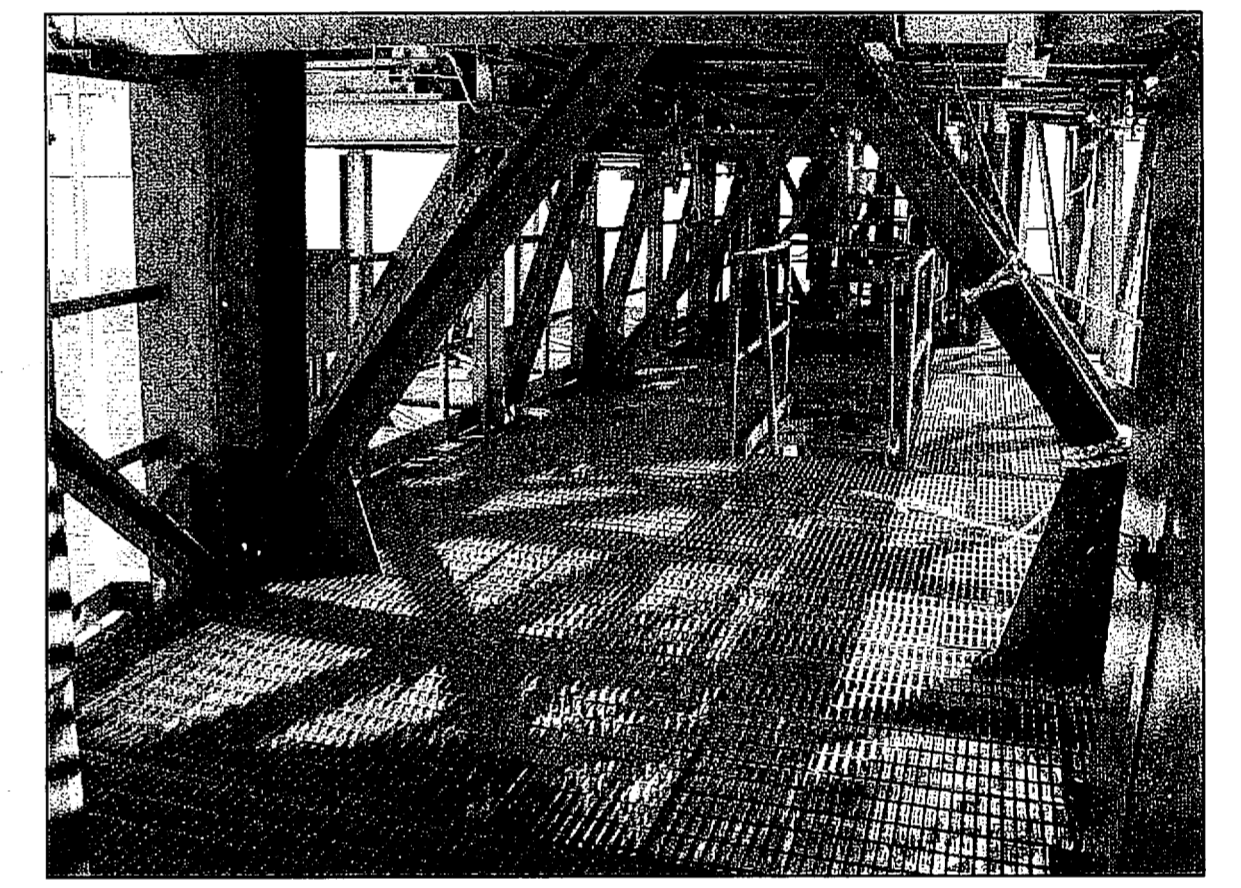
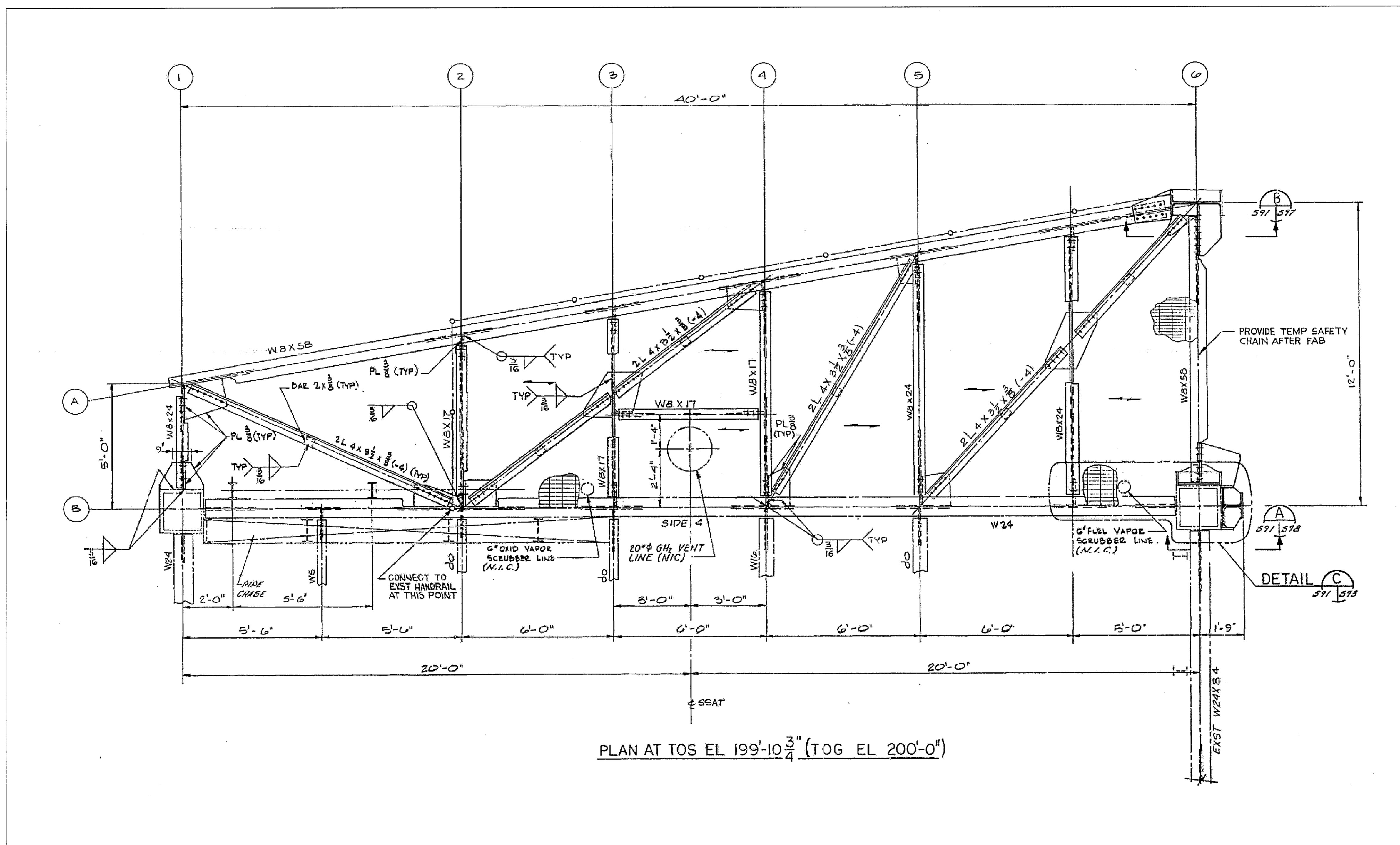
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED MP	6/24/09	
APPROVED <i>[Signature]</i>		

TITLE	SIZE	DWG. NO.	REV
FSS SLIDEWIRE PLATFORM - ELEVATIONS SECTIONS AND DETAILS	F	222W2200001	

S35 PROJ. NO. 98580 SHEET 50

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FSS IAA EL. 200'-0"
(LOOKING EAST FROM COL. LINE 5)

FSS ET-IT IAA SUPPORT STRUCTURE PLAN - EL. 200'-0"
NTS - SOURCE FILE 79K10338 SHEET S92

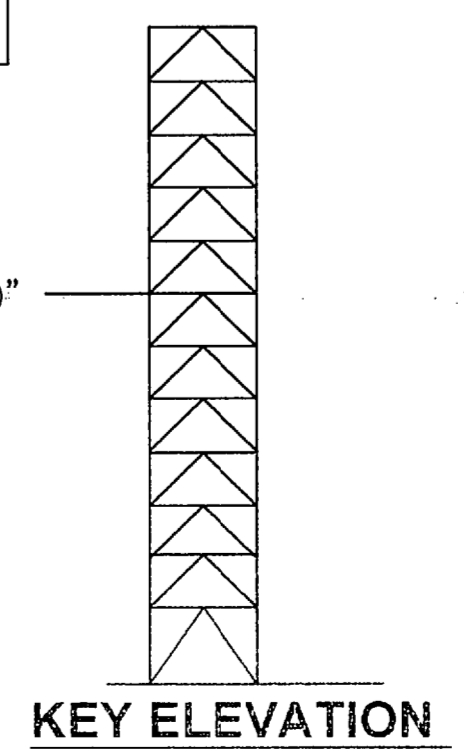
THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S36.DWG				



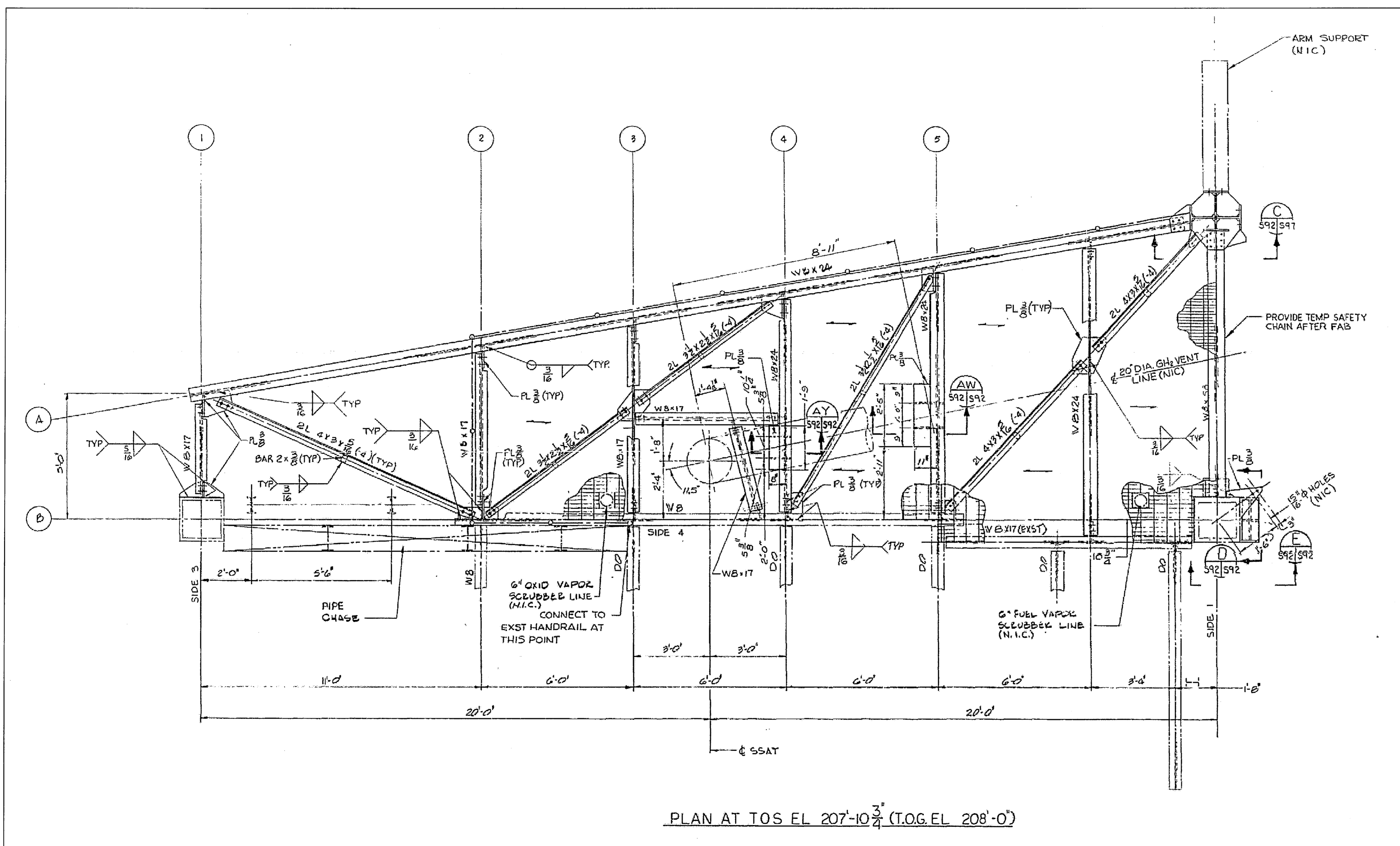
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-3821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS ET-IT IAA SUPPORT STRUCTURE PLAN EL. 200 FT	
DESIGNED	N. PONTILLO	06/24/09		
SUBMITTED	NP	6/24/09		
APPROVED	[Signature]	DATE	SIZE	DWG. NO.
			F	222W2200001
TITLE		PROJ. NO. 98580	SHEET 51	

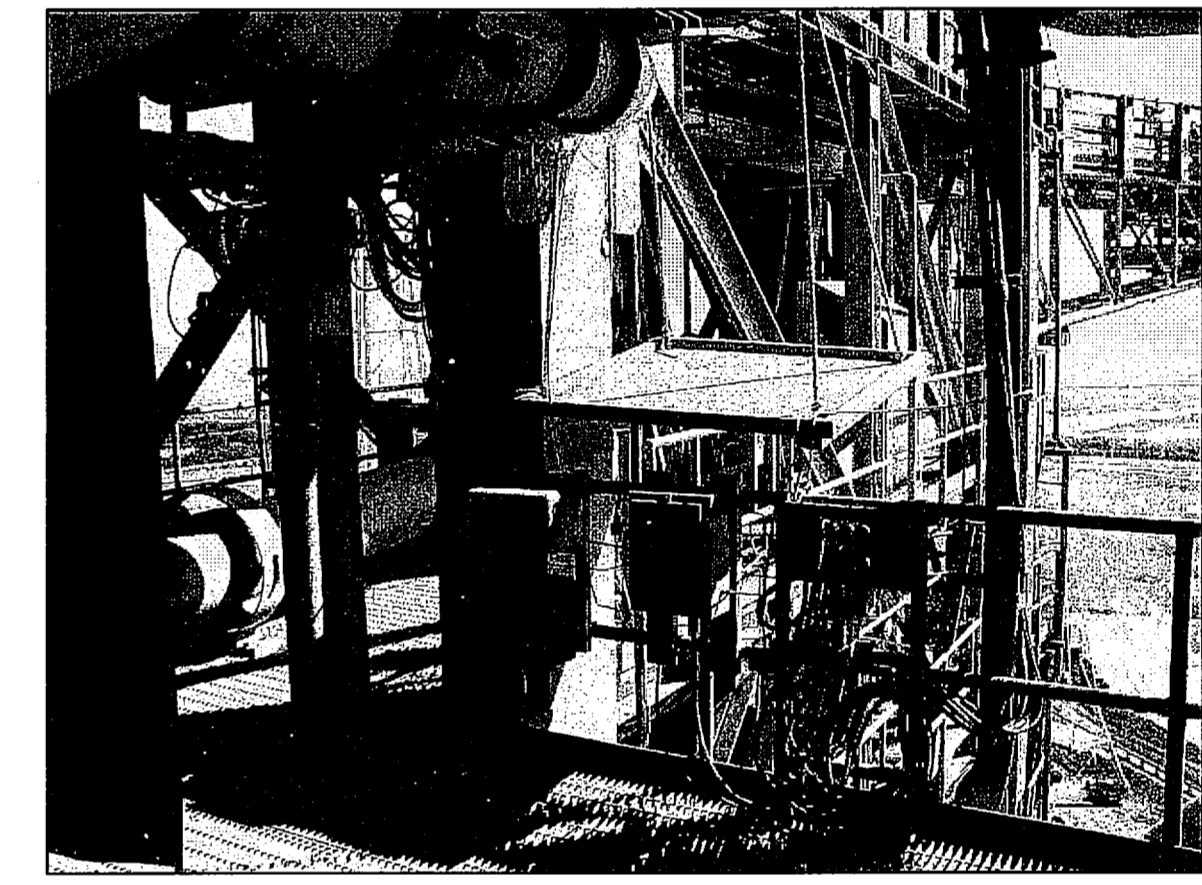


KEY ELEVATION

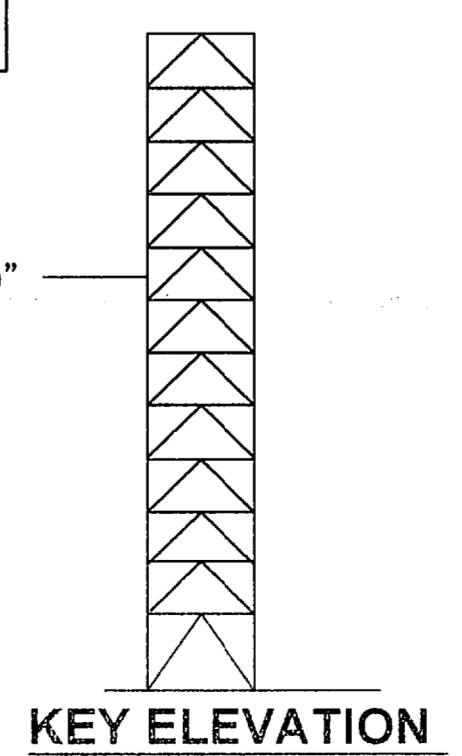
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



FSS ET-IT IAA SUPPORT STRUCTURE PLAN - EL. 208'-0"
 NTS - SOURCE FILE 79K10338 SHEET S92

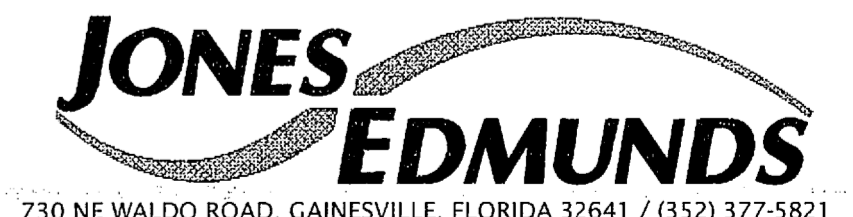


FSS IAA EL. 208'-0"
 (LOOKING EAST FROM FSS)



THIS SPACE RESERVED

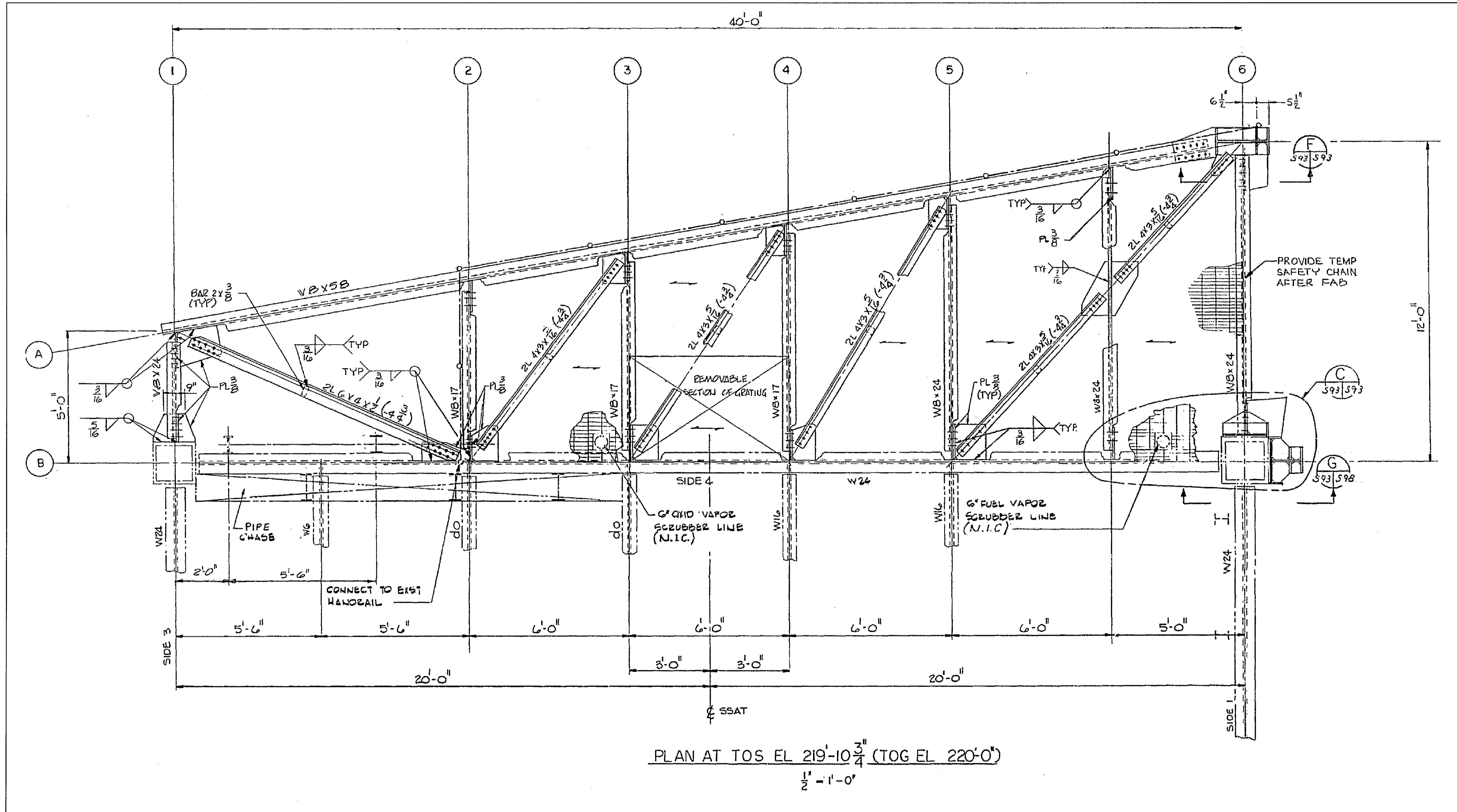
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005008-S37.DWG				



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

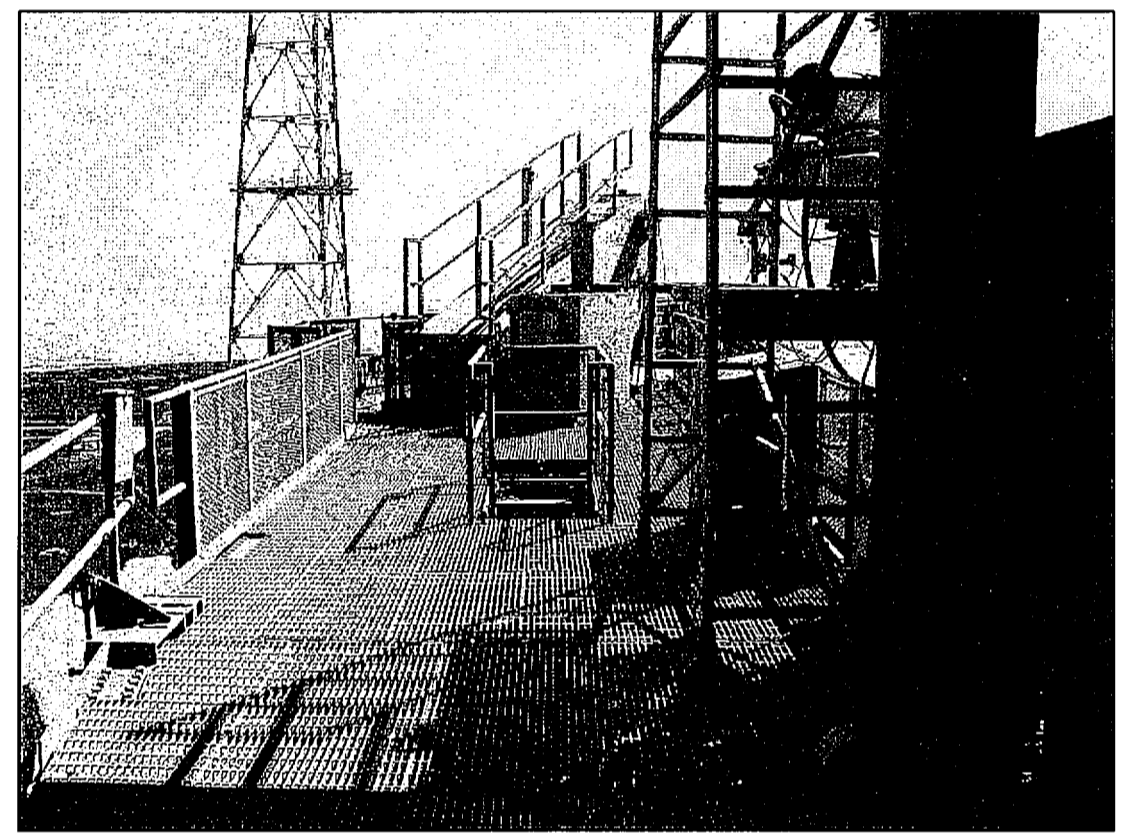
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP			KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS ET-IT IAA SUPPORT STRUCTURE PLAN EL. 208 FT	
S. BHIDE				
DESIGNED		06/24/09		
N. PONTILLO				
SUBMITTED		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]			F	222W2200001
TITLE		PROJ. NO.	SHEET	
S37		98580	52	

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, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

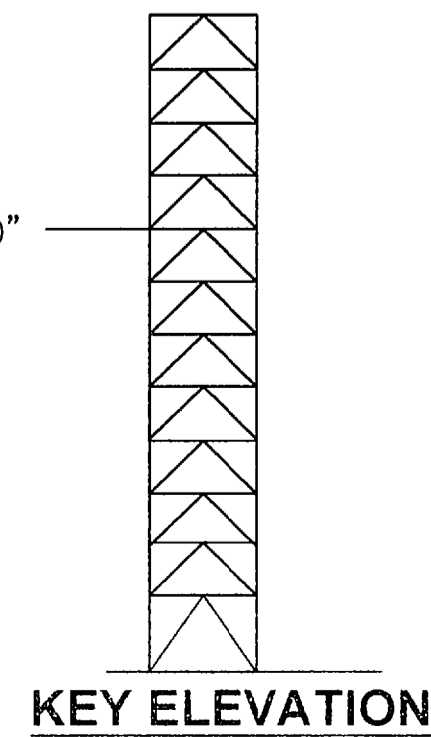


FSS ET-IT IAA SUPPORT STRUCTURE PLAN - EL. 220'-0"

NTS - SOURCE FILE 79K10338 SHEET S93



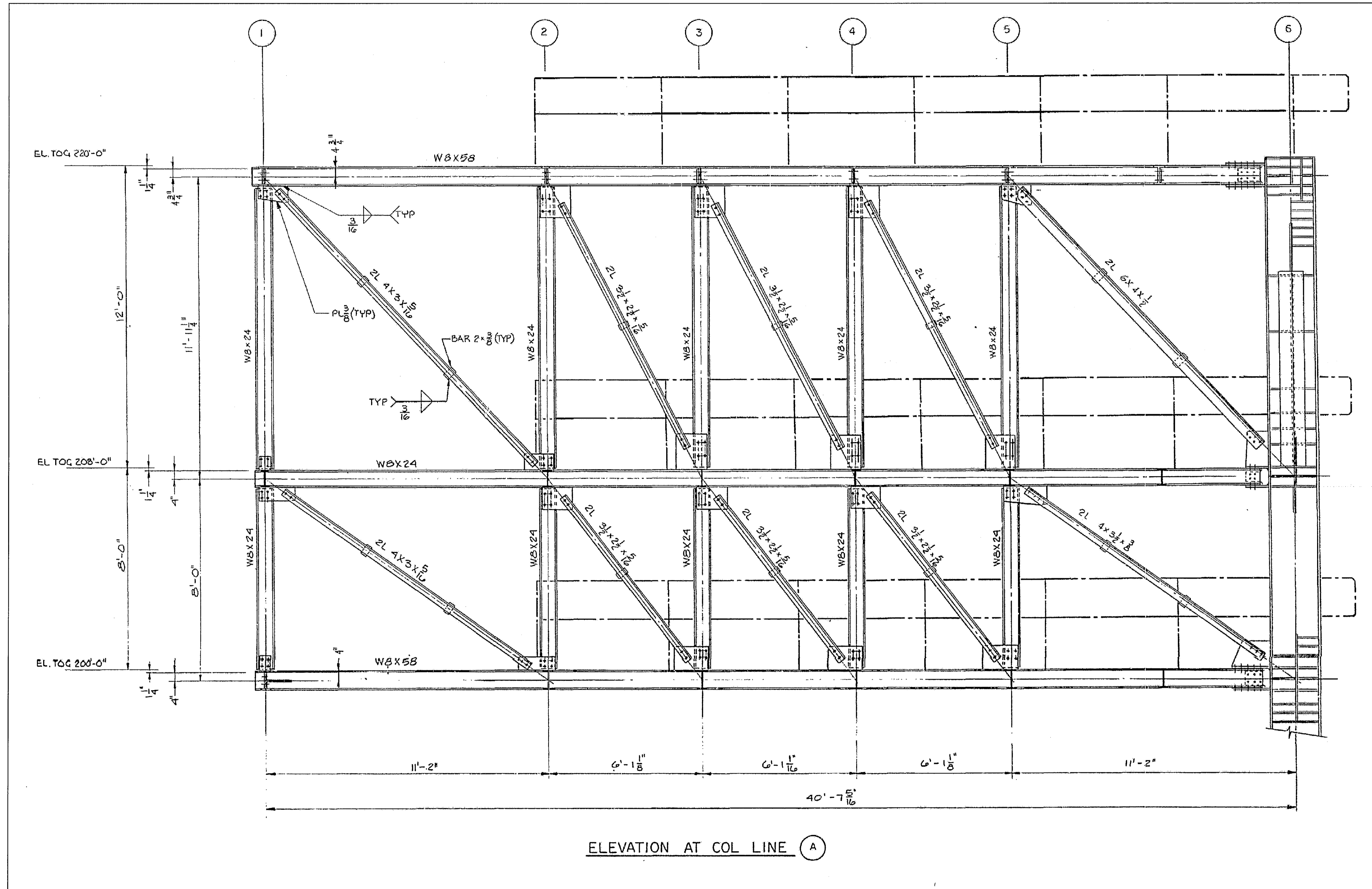
FSS IAA EL. 220'-0"
(LOOKING EAST FROM COL. LINE 5)



THIS SPACE RESERVED

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) 269-2950				
SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED [Signature]		6/24/09		
APPROVED [Signature]		DATE		
S38		SIZE	DWG. NO.	REV
		F	222W2200001	
		PROJ. NO.	98580	SHEET 53

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FSS ET-IT IAA SUPPORT STRUCTURE ELEVATION AT LINE A

NTS - SOURCE FILE 79K10338 SHEET S94

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: 14005006-S39.DWG				

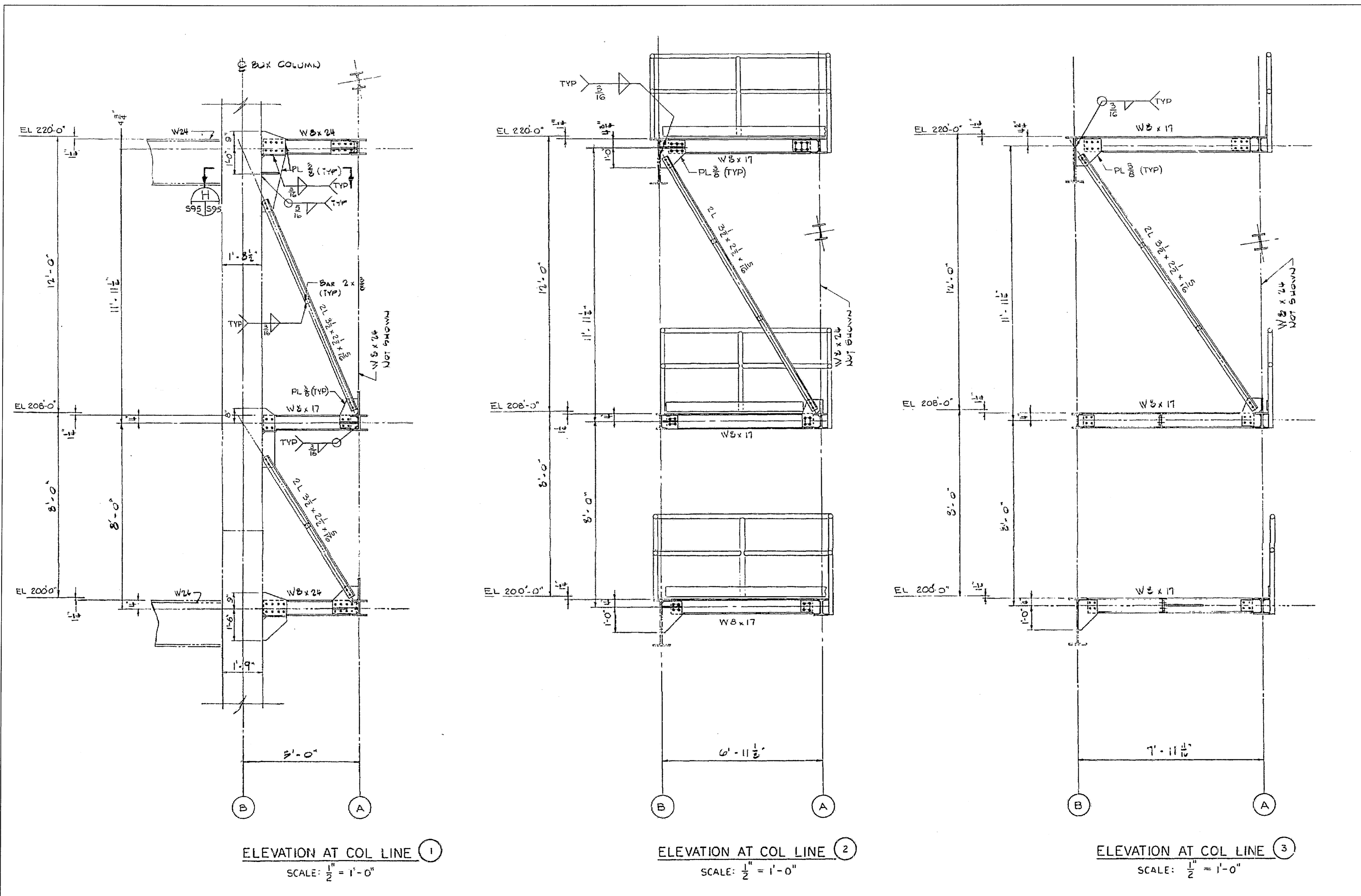


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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA										
DRAWN S. HAFERKAMP	06/24/09		LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS ET-IT IAA SUPPORT STRUCTURE ELEVATION AT LINE A									
CHECKED S. BHIDE	06/24/09											
DESIGNED N. PONTILLO	06/24/09											
SUBMITTED NP	6/24/09											
APPROVED <i>[Signature]</i>	6/24/09											
<table border="1"> <tr> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td>F</td> <td>222W2200001</td> <td></td> </tr> </table>		SIZE	DWG. NO.	REV	F	222W2200001		<table border="1"> <tr> <td>PROJ. NO.</td> <td>SHEET</td> </tr> <tr> <td>98580</td> <td>54</td> </tr> </table>	PROJ. NO.	SHEET	98580	54
SIZE	DWG. NO.	REV										
F	222W2200001											
PROJ. NO.	SHEET											
98580	54											

S39

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ELEVATION AT COL LINE ①
SCALE: 1/2" = 1'-0"

ELEVATION AT COL LINE ②
SCALE: 1/2" = 1'-0"

ELEVATION AT COL LINE ③
SCALE: 1/2" = 1'-0"

FSS ET-IT IAA SUPPORT STRUCTURE ELEVATIONS AT LINES 1, 2 AND 3
 NTS - SOURCE FILE 79K10338 SHEET S95

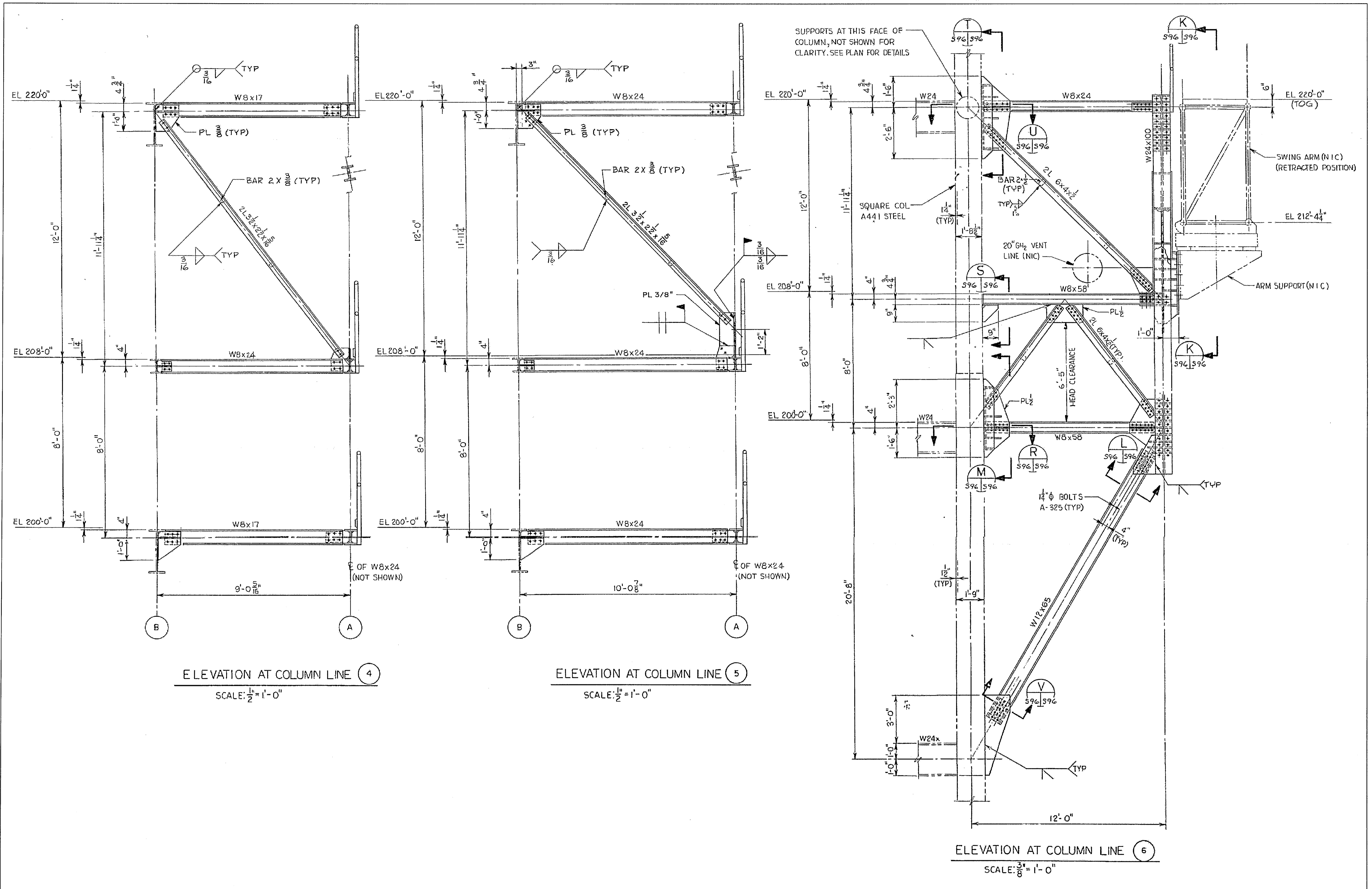
THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S40.DWG				



SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED N. PONTILLO		06/24/09	FSS ET-IT IAA SUPPORT STRUCTURE ELEVATION AT LINES 1 2 AND 3	
SUBMITTED		6/24/09		
APPROVED	DATE	SIZE	DWG. NO.	REV
<i>[Signature]</i>	6/24/09	F	222W2200001	
TITLE		PROJ. NO.	SHEET	
S40		98580	55	

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FSS ET-IT IAA SUPPORT STRUCTURE ELEVATIONS AND SECTIONS
 NTS - SOURCE FILE 79K10338 SHEET S96

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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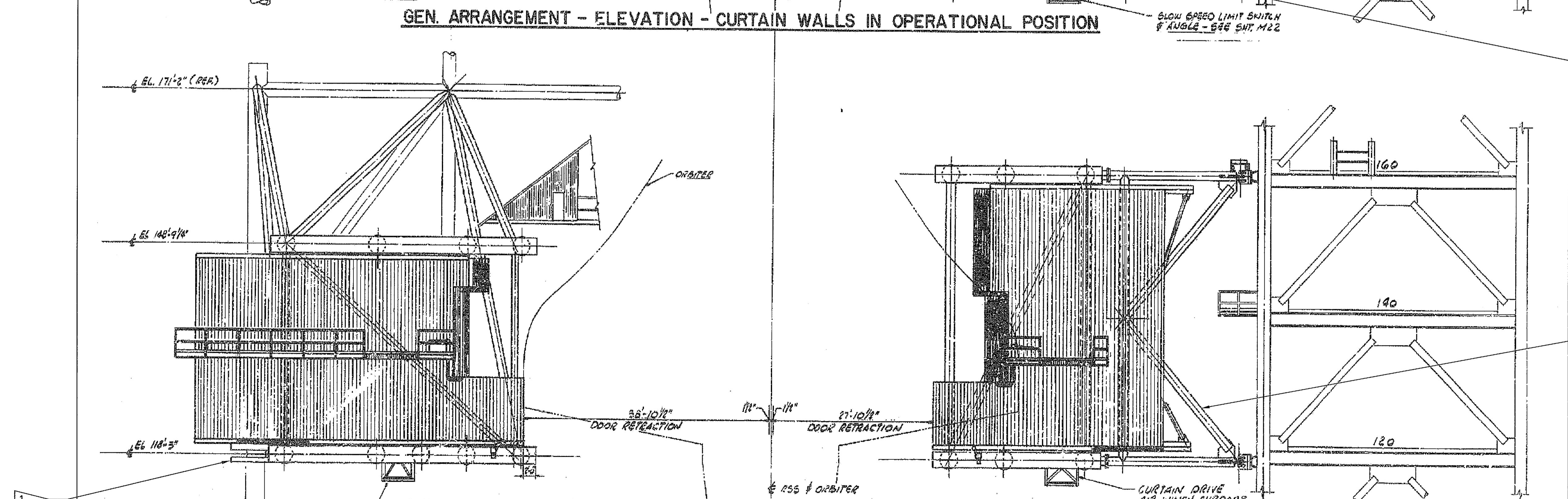
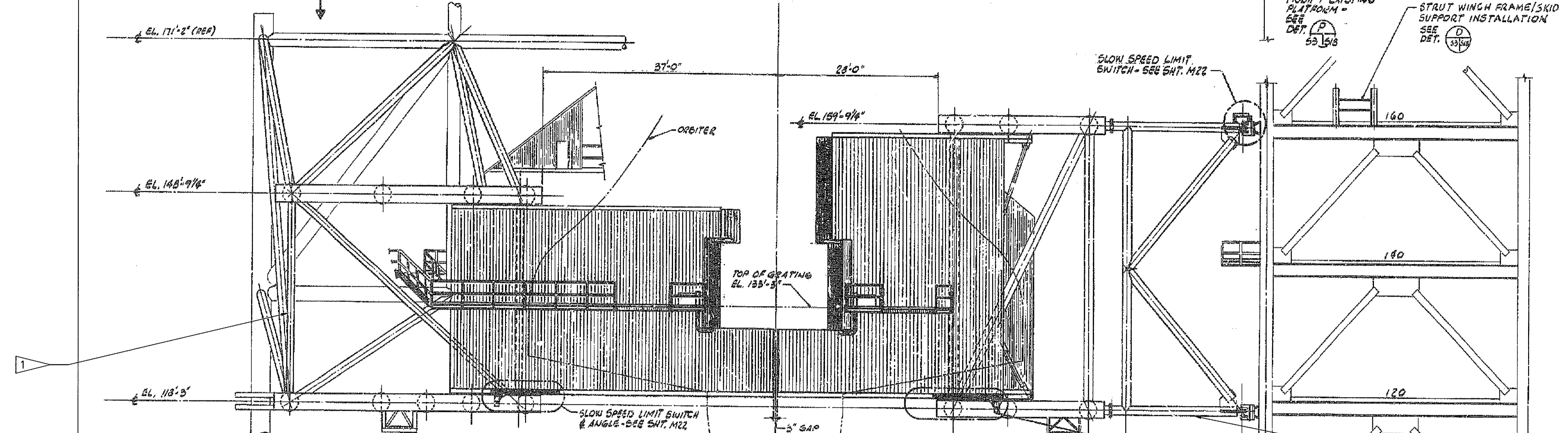
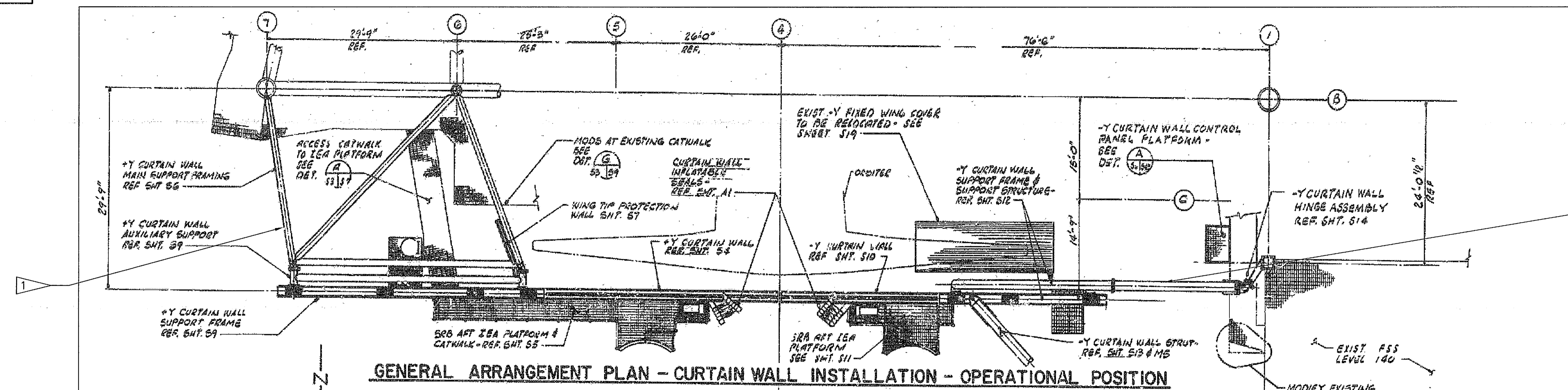


SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP		06/24/09	KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
S. BHIDE		06/24/09		
DESIGNED		06/24/09	FSS ET-IT IAA SUPPORT STRUCTURE ELEVATIONS AND SECTIONS	
N. PONTILLO		06/24/09		
SUBMITTED		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	
S41		98580	56	

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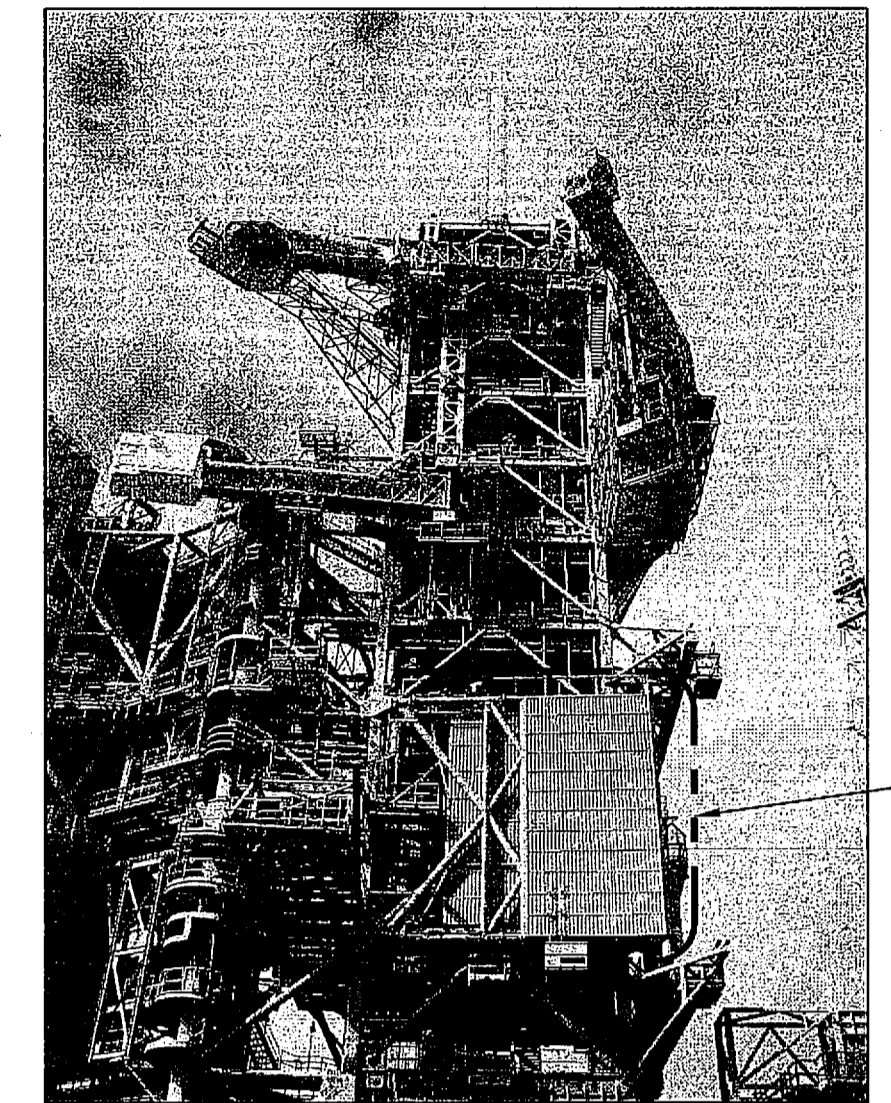
FLAG NOTES

- 1 ORBITER WEATHER PROTECTION FRAMING ATTACHED TO RSS.
- 2 ORBITER WEATHER PROTECTION FRAMING ATTACHED TO FSS.

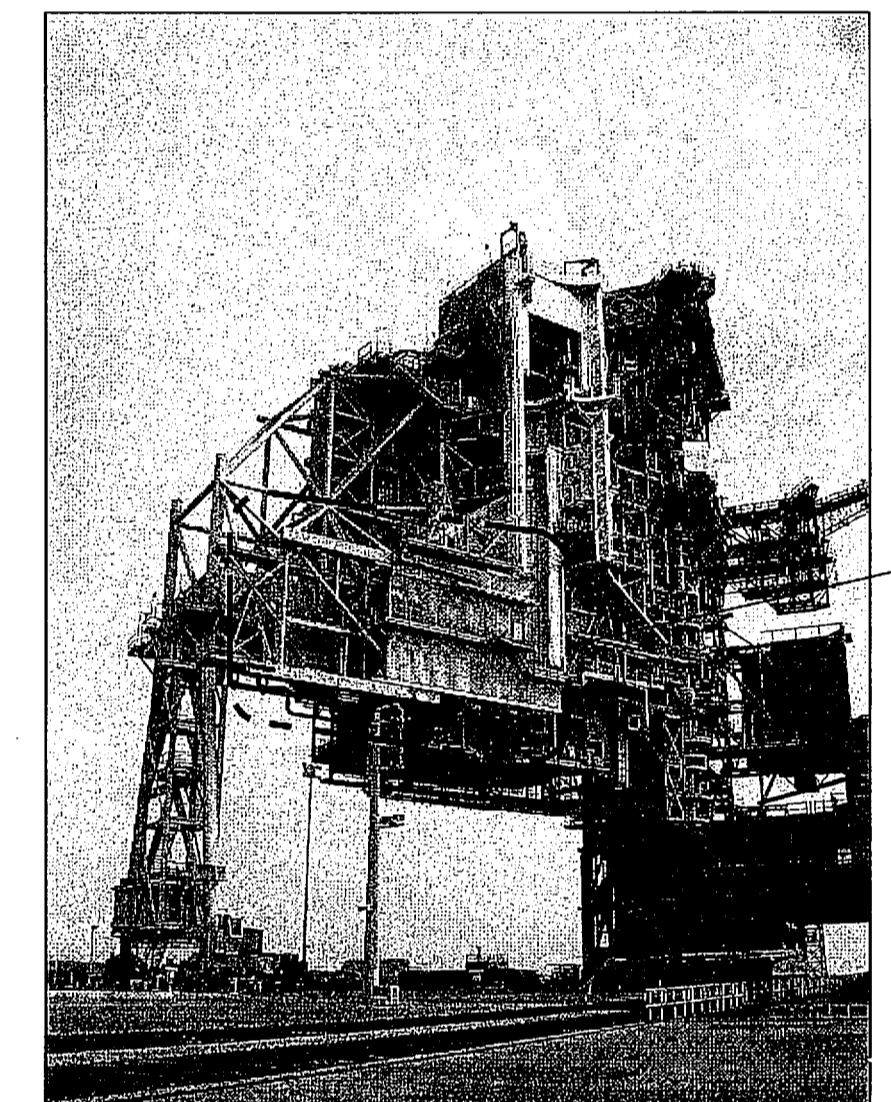


ORBITER WEATHER PROTECTION CURTAIN WALLS GENERAL ARRANGEMENT

NTS - SOURCE FILE 79K24567 SHEET S3



ORBITER WEATHER PROTECTION FSS
(LOOKING WEST)



ORBITER WEATHER PROTECTION RSS
(LOOKING NORTH WITH RSS LOCKED IN HURRICANE STATE)

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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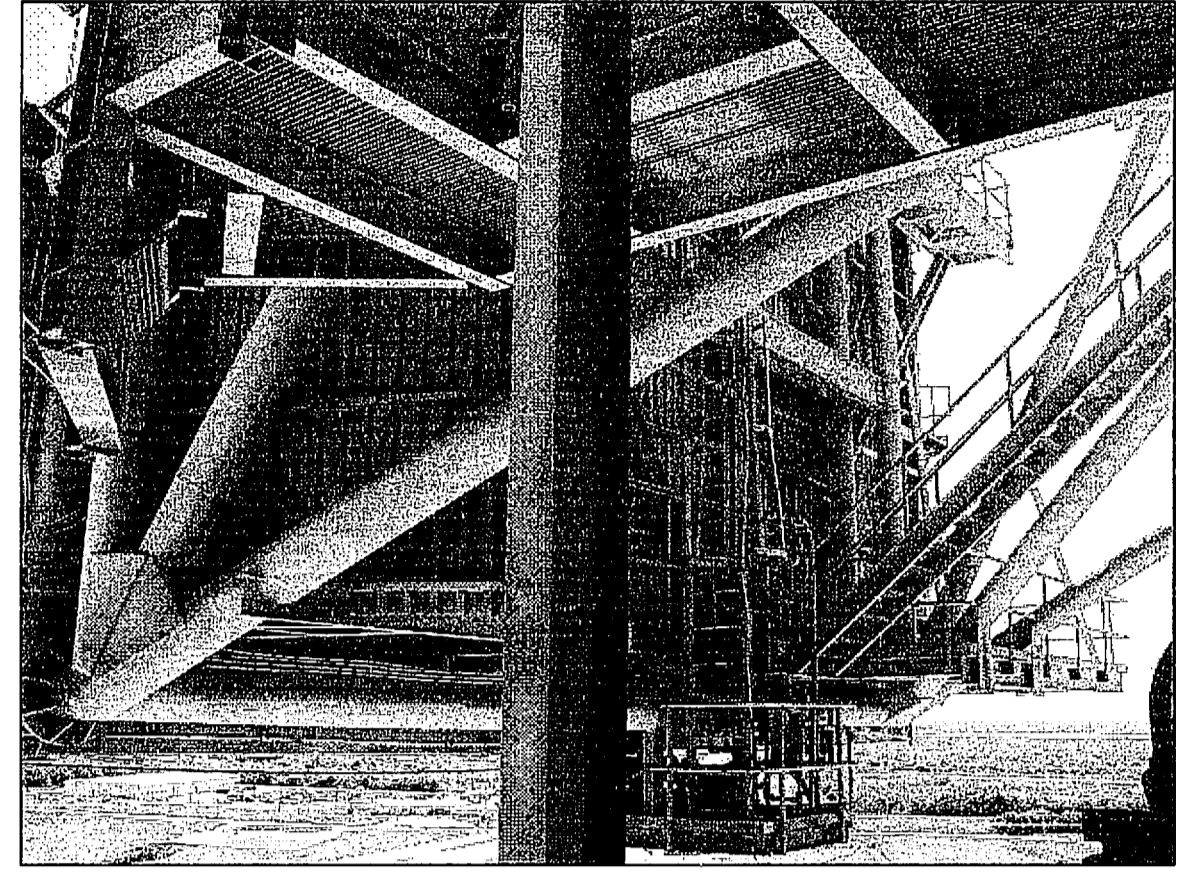


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

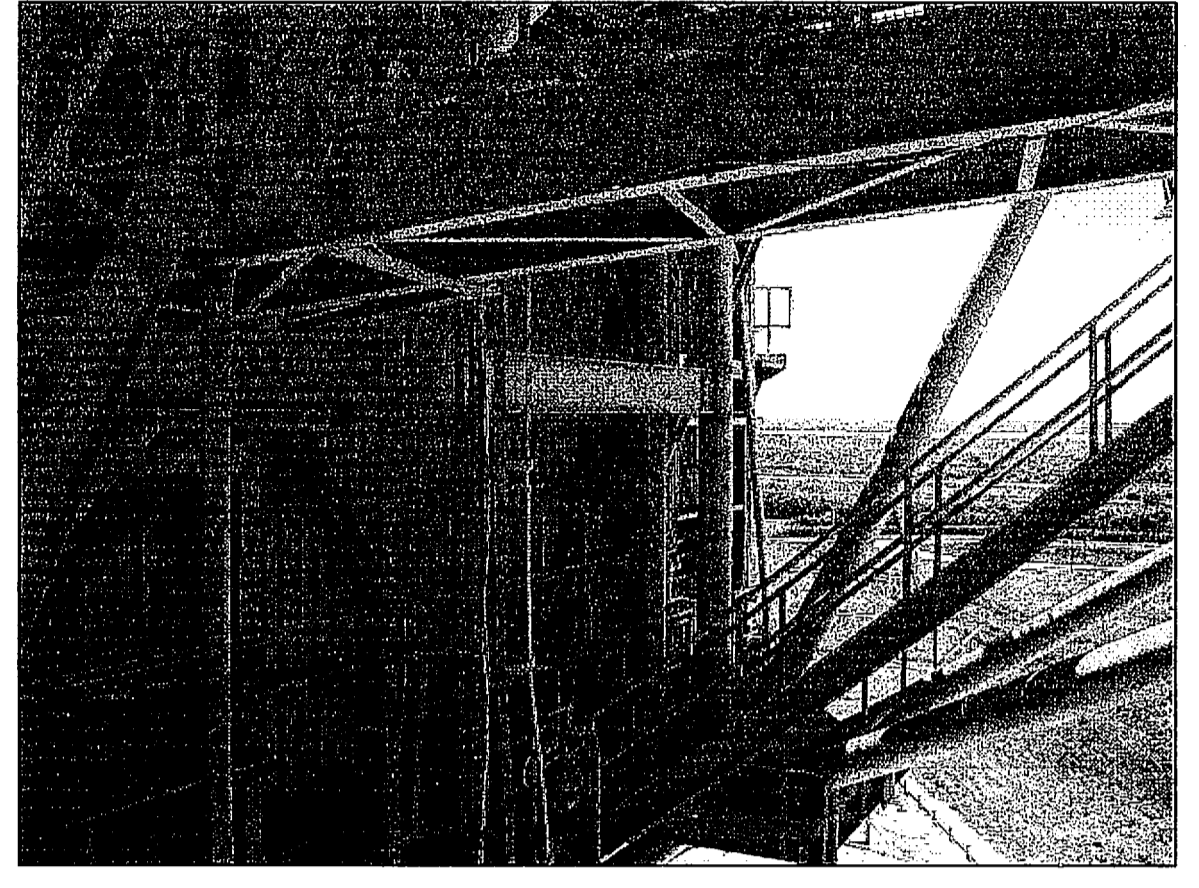
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
CHECKED		06/24/09	KENNEDY SPACE CENTER, FLORIDA	
DESIGNED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
SUBMITTED		6/24/09	ORBITER WEATHER PROTECTION CURTAIN WALLS GENERAL ARRANGEMENT	
APPROVED	DATE	SIZE	DWG. NO.	REV
	06/24/09	F	222W2200001	

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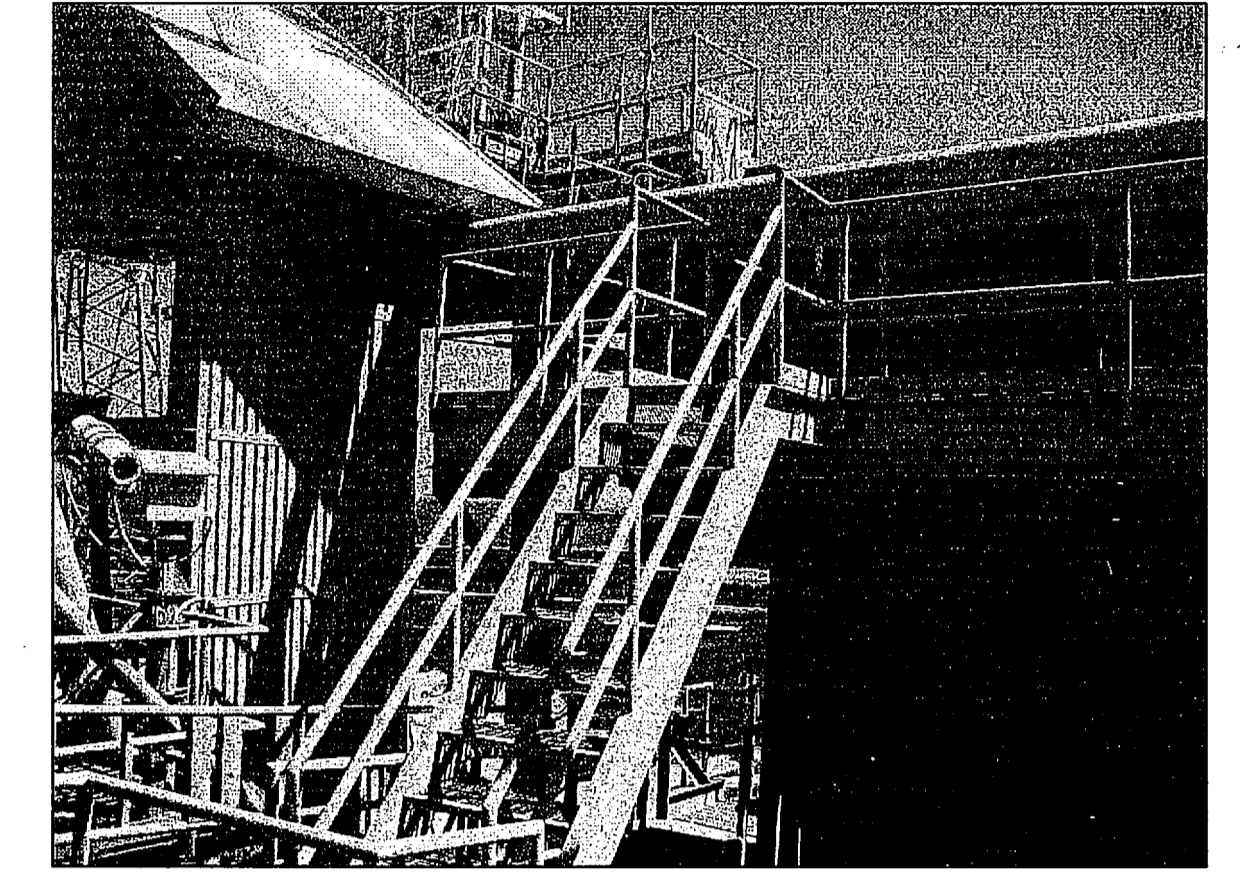
FLAG NOTES
 1 ORBITER WEATHER PROTECTION SYSTEM ATTACHED TO RSS.



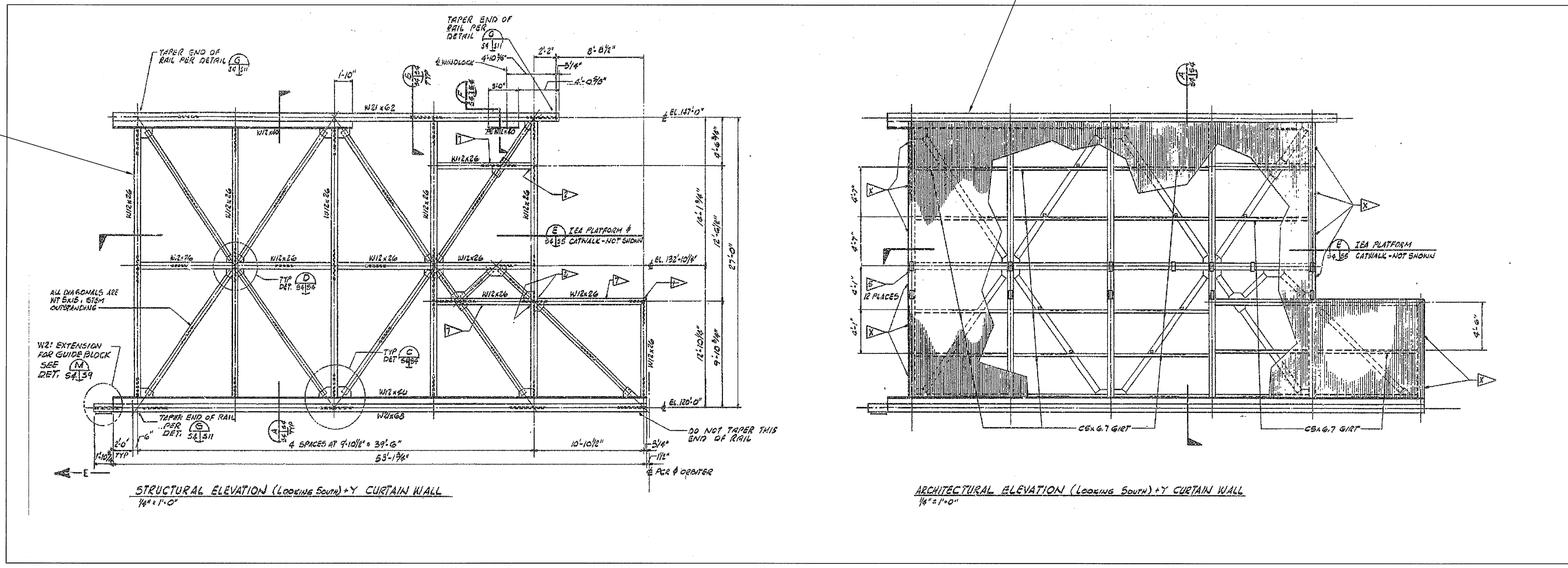
RSS ORBITER WEATHER PROTECTION
 (LOOKING SOUTH FROM RSS STAIR WITH RSS LOCKED IN HURRICANE STATE)



RSS ORBITER WEATHER PROTECTION
 (LOOKING SOUTH FROM RSS 134'-2" LEVEL WITH RSS LOCKED IN HURRICANE STATE)



RSS ORBITER WEATHER PROTECTION
 (LOOKING EAST FROM RSS WALKWAY WITH RSS LOCKED IN HURRICANE STATE)

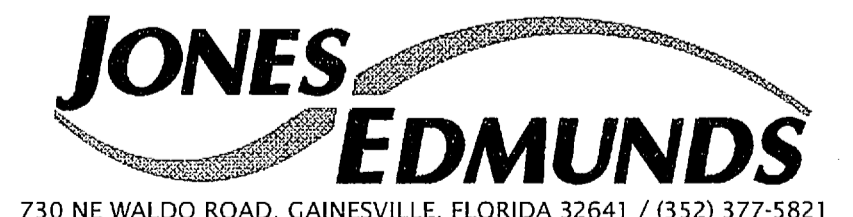


ORBITER WEATHER PROTECTION (RSS) CURTAIN WALL ELEVATION AND DETAILS

NTS - SOURCE FILE 79K24567 SHEET S4

THIS SPACE RESERVED

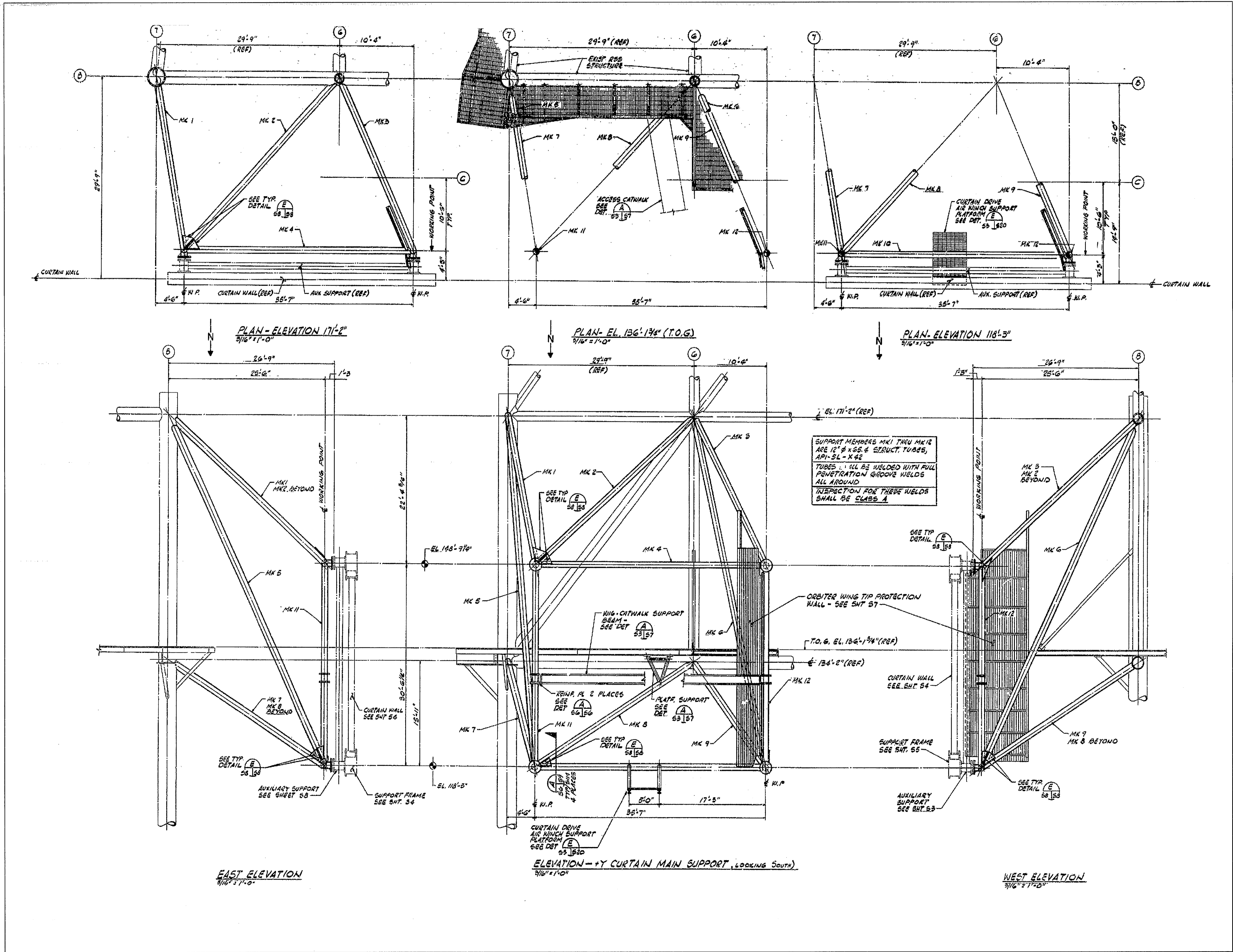
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005008-S43.DWG				



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		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP			KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF	
S. BHIDE			FSS/RSS AT LAUNCH COMPLEX 39B,	
DESIGNED		06/24/09	DEMOLITION PACKAGE	
N. PONTILLO			ORBITER WEATHER PROTECTION +Y	
SUBMITTED		6/24/09	CURTAIN WALL ELEVATIONS AND DETAIL	
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	REV
S43		98580	58	

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; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



ORBITER WEATHER PROTECTION (RSS) CURTAIN WALL MAIN SUPPORT FRAMING

NLS - SOURCE FILE 79K24567 SHEET S6

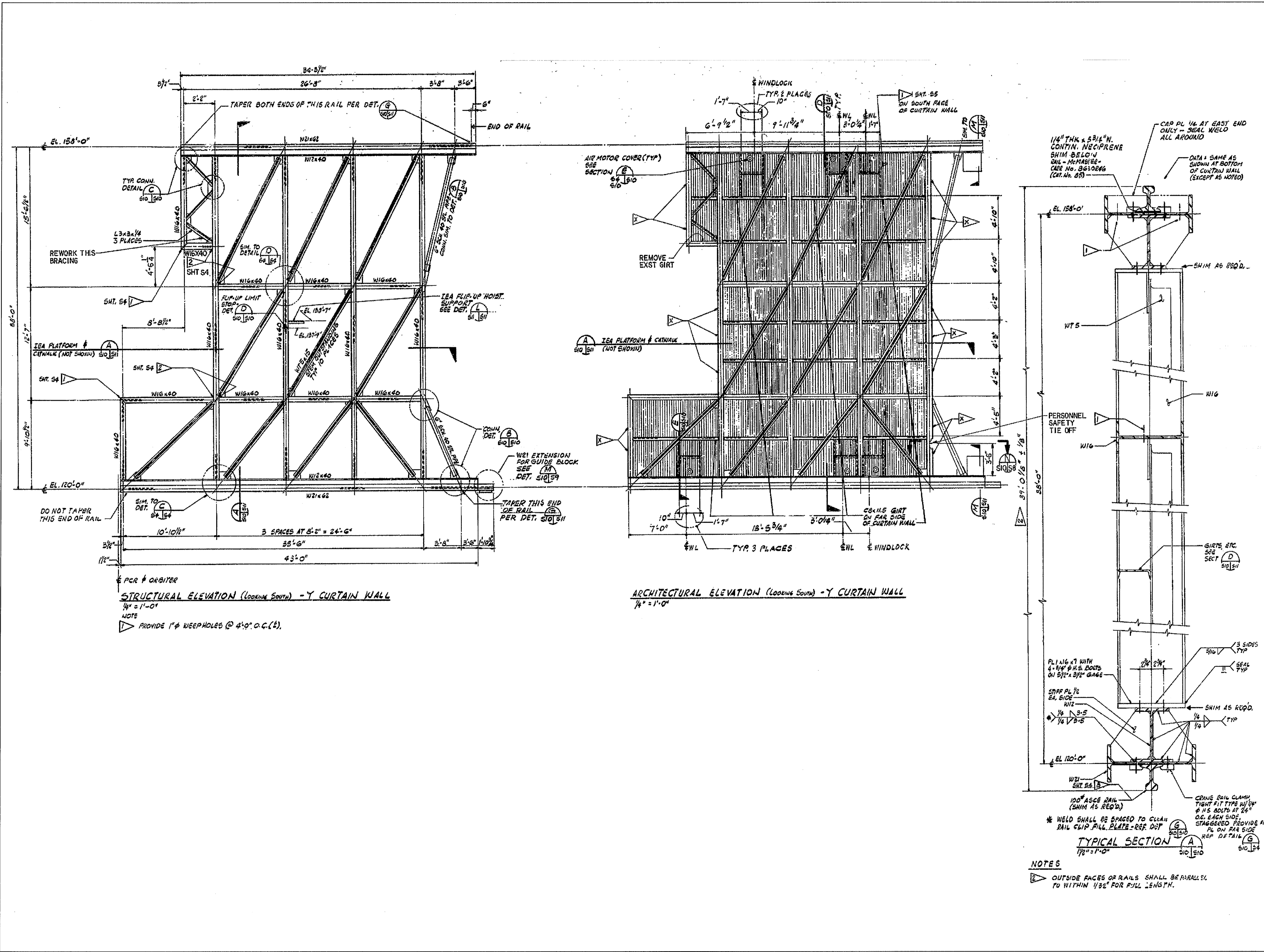
THIS SPACE RESERVED			
SYM	ZONE	DESCRIPTION	DATE APPROVED
REVISIONS			
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S44.DWG			



SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED	N. PONTILLO	06/24/09	ORBITER WEATHER PROTECTION +Y CURTAIN WALL MAIN SUPPORT FRAMING	
SUBMITTED	<i>[Signature]</i>	6/24/09	REV	
APPROVED	<i>[Signature]</i>	DATE	SIZE	DWG. NO.
			F	222W220001
TITLE		PROJ. NO. 98580	SHEET 59	

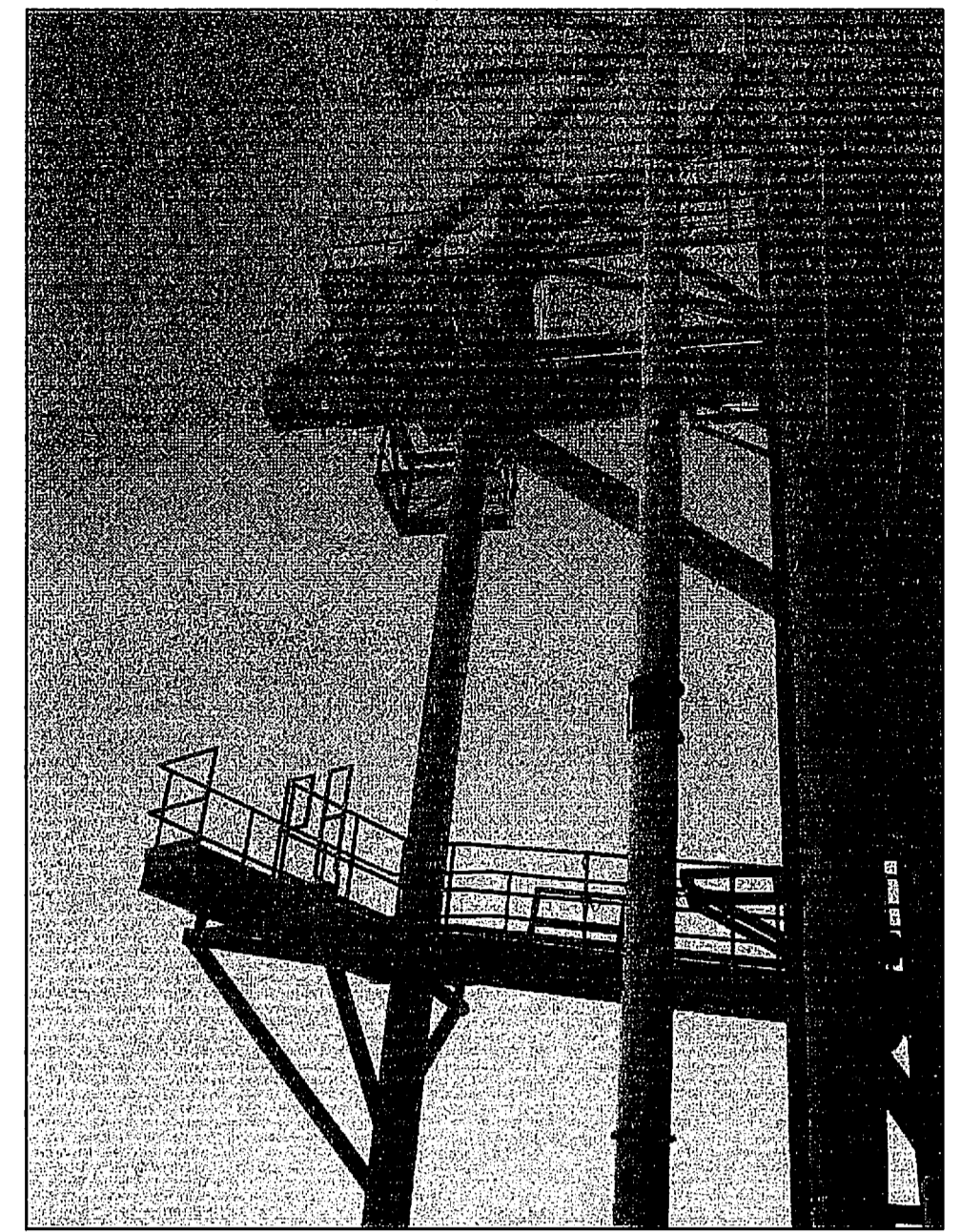
S44

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ORBITER WEATHER PROTECTION (FSS) CURTAIN WALL ELEVATIONS AND DETAILS

NTS - SOURCE FILE 79K24567 SHEET S10



FSS ORBITER WEATHER PROTECTION FRAMING

NTS - SOURCE FILE 79K24567 SHEET S10 (LOOKING EAST FROM FSS)



FSS ORBITER WEATHER PROTECTION FRAMING

NTS - SOURCE FILE 79K24567 SHEET S10 (LOOKING NORTH FROM FSS)

THIS SPACE RESERVED

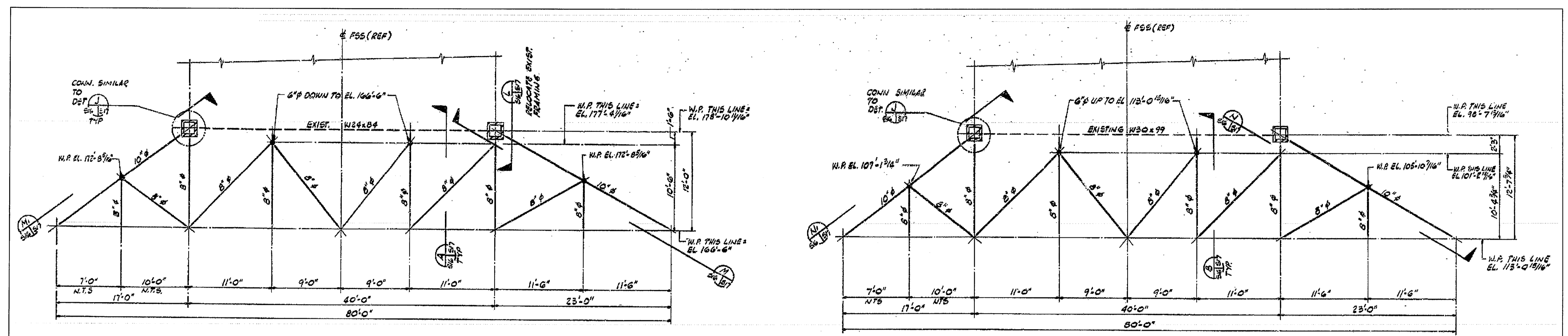
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REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S45.DWG				



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	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED	N. PONTILLO	06/24/09	ORBITER WEATHER PROTECTION -Y CURTAIN WALL ELEVATIONS AND DETAIL	
SUBMITTED	[Signature]	6/24/09		
APPROVED	[Signature]	DATE	SIZE	DWG. NO.
			F	222W2200001
TITLE		PROJ. NO.	SHEET	
S45		98580	60	

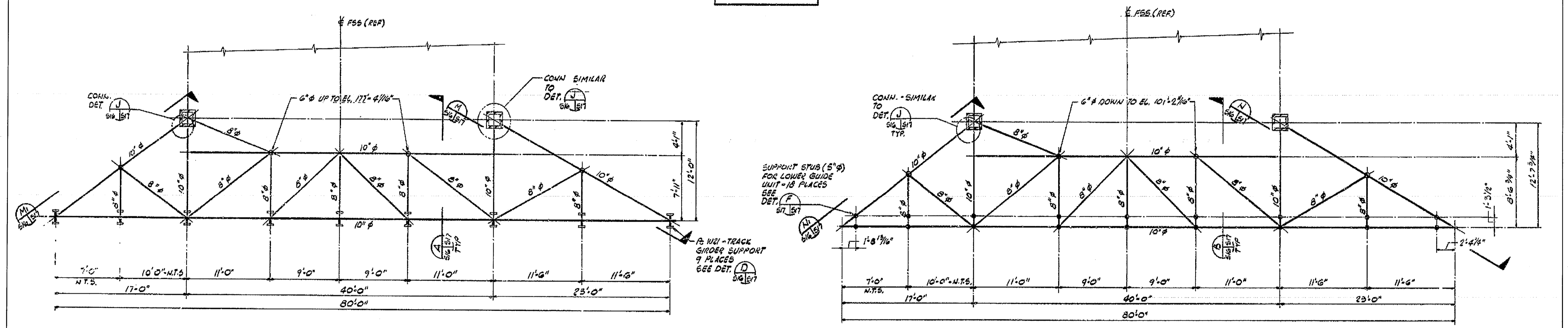
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility or obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



PLAN A'-DIAGONAL TRUSS MEMBERS - EL. 166'-6" TO 178'-10 1/16"
3/16" = 1'-0"

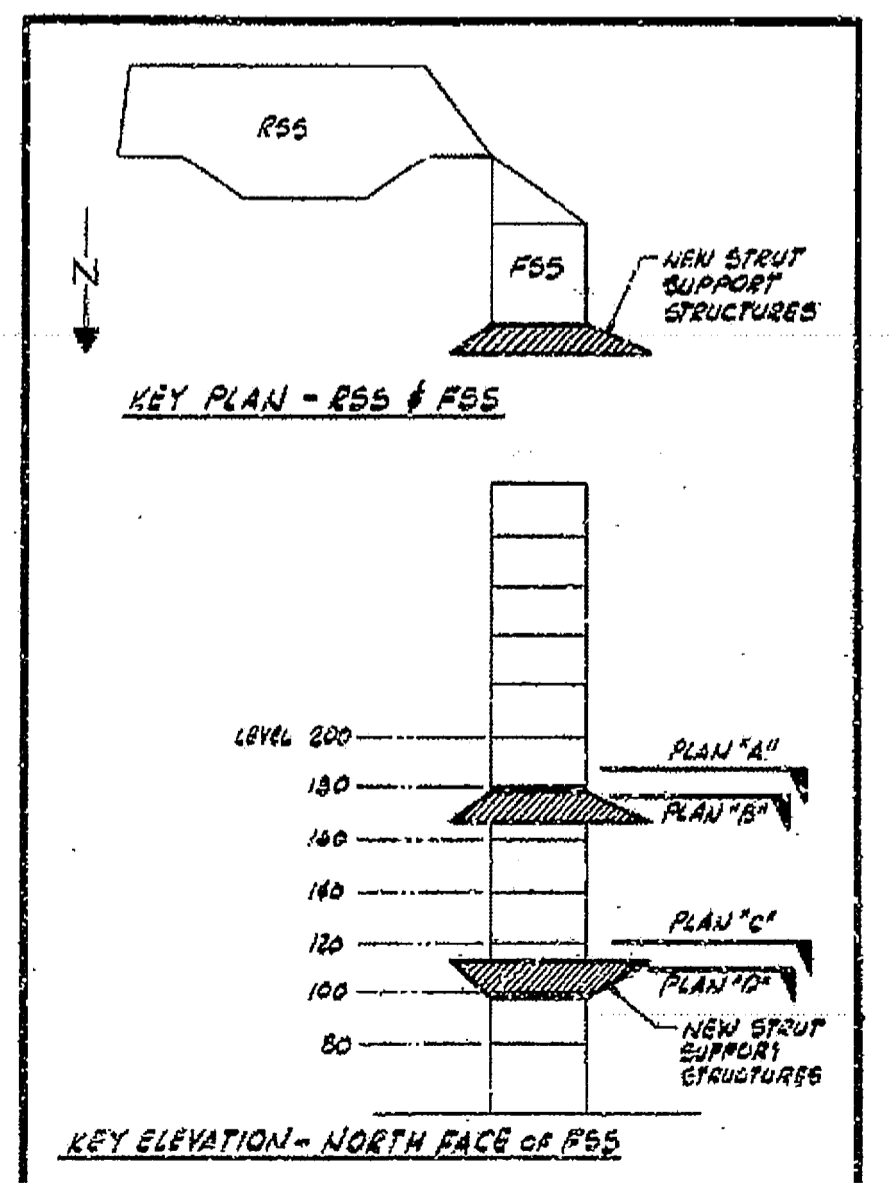
PLAN D'-DIAGONAL TRUSS MEMBERS - EL. 98'-7 7/16" TO 113'-0 19/16"
3/16" = 1'-0"

STRUCTURAL TUBES USED ON THIS SHEET
 4" Ø x 10.7#
 5" Ø x 14.6#
 6" Ø x 18.7#
 8" Ø x 28.5#
 10" Ø x 40.4#



PLAN B'-HORIZONTAL TRUSS AT EL. 166'-6" (EXCEPT AS NOTED)
3/16" = 1'-0"

PLAN C'-HORIZONTAL TRUSS AT EL. 113'-0 19/16" (EXCEPT AS NOTED)
3/16" = 1'-0"



- NOTES:
1. STRUCTURAL TUBES SHOWN ON THIS SHEET SHALL BE API-EL-X42, OR APPROVED EQUAL.
 2. TUBE TO TUBE CONNECTIONS SHALL BE FULL PENETRATION GROOVE WELDS, ALL AROUND.
 3. INSPECTION FOR THESE WELDS SHALL BE CLASS 5.

ORBITER WEATHER PROTECTION (FSS) CURTAIN WALL STRUCTURAL SUPPORT FRAMING PLANS

NTS - SOURCE FILE 79K24567 SHEET S16

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: 14005006-S46.DWG				

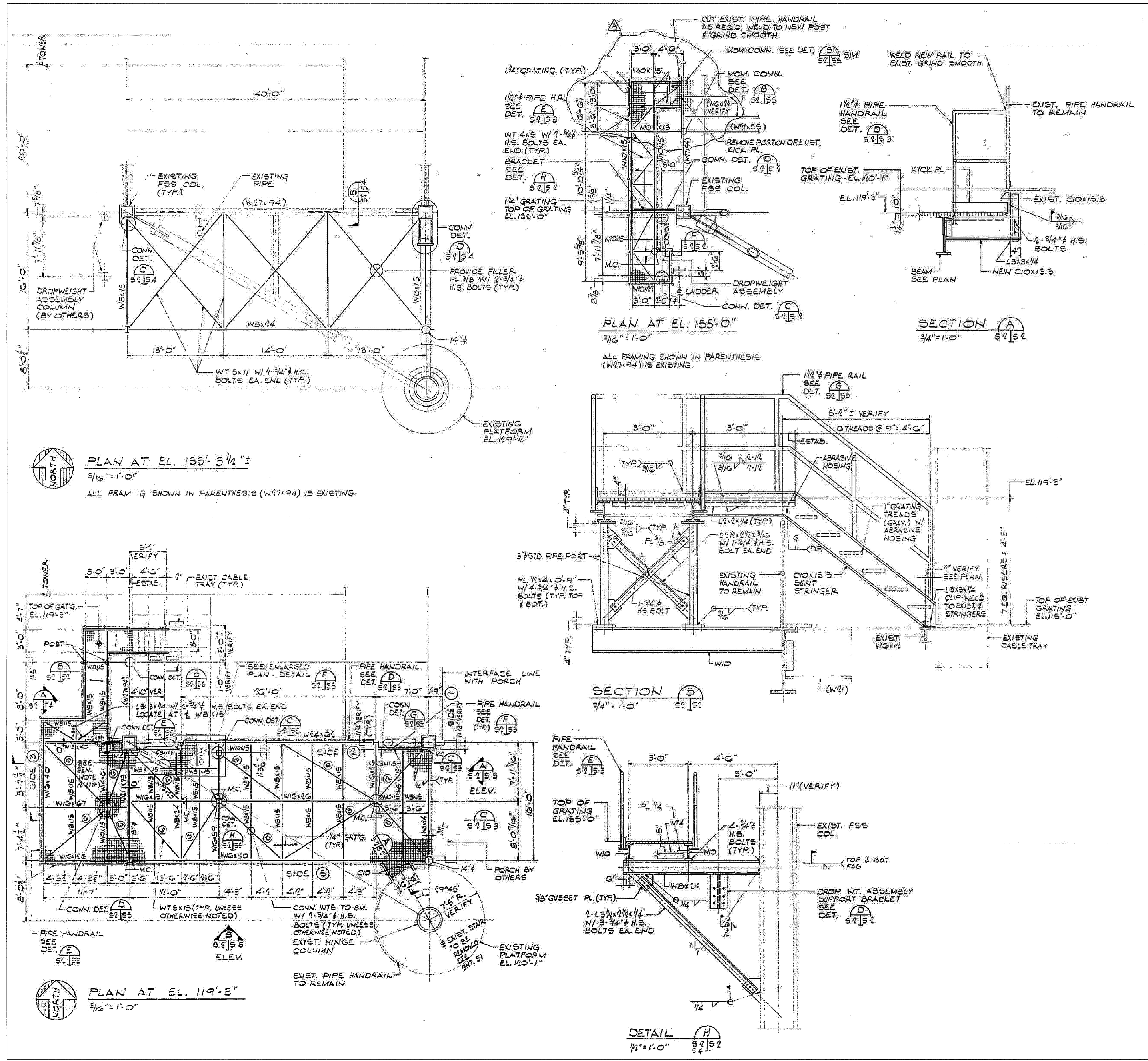
JONES EDMUNDS

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 JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/R55 AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ORBITER WEATHER PROTECTION - Y CURTAIN WALL FRAMING PLANS
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED <i>[Signature]</i>	6/24/09	

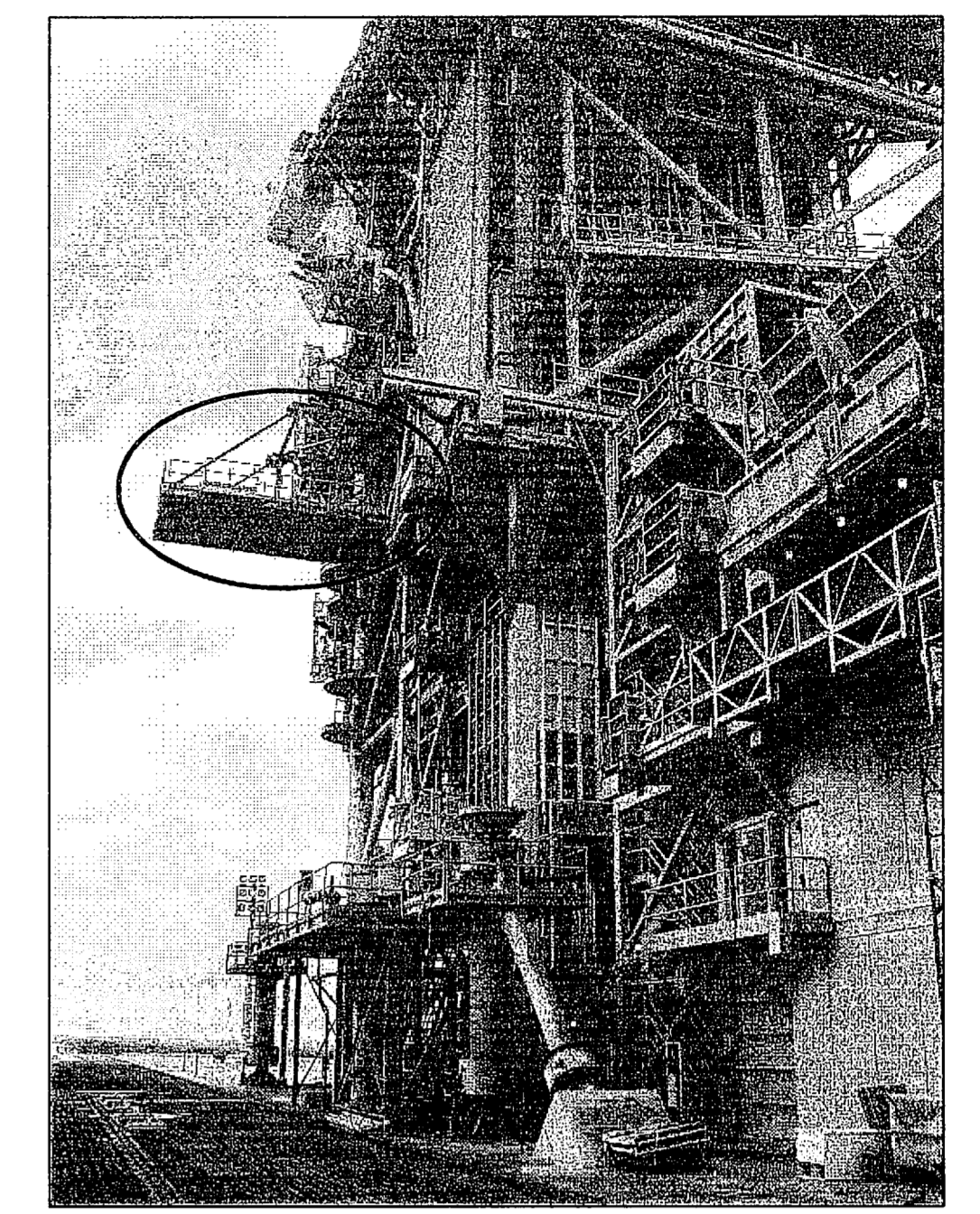
S46	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 61

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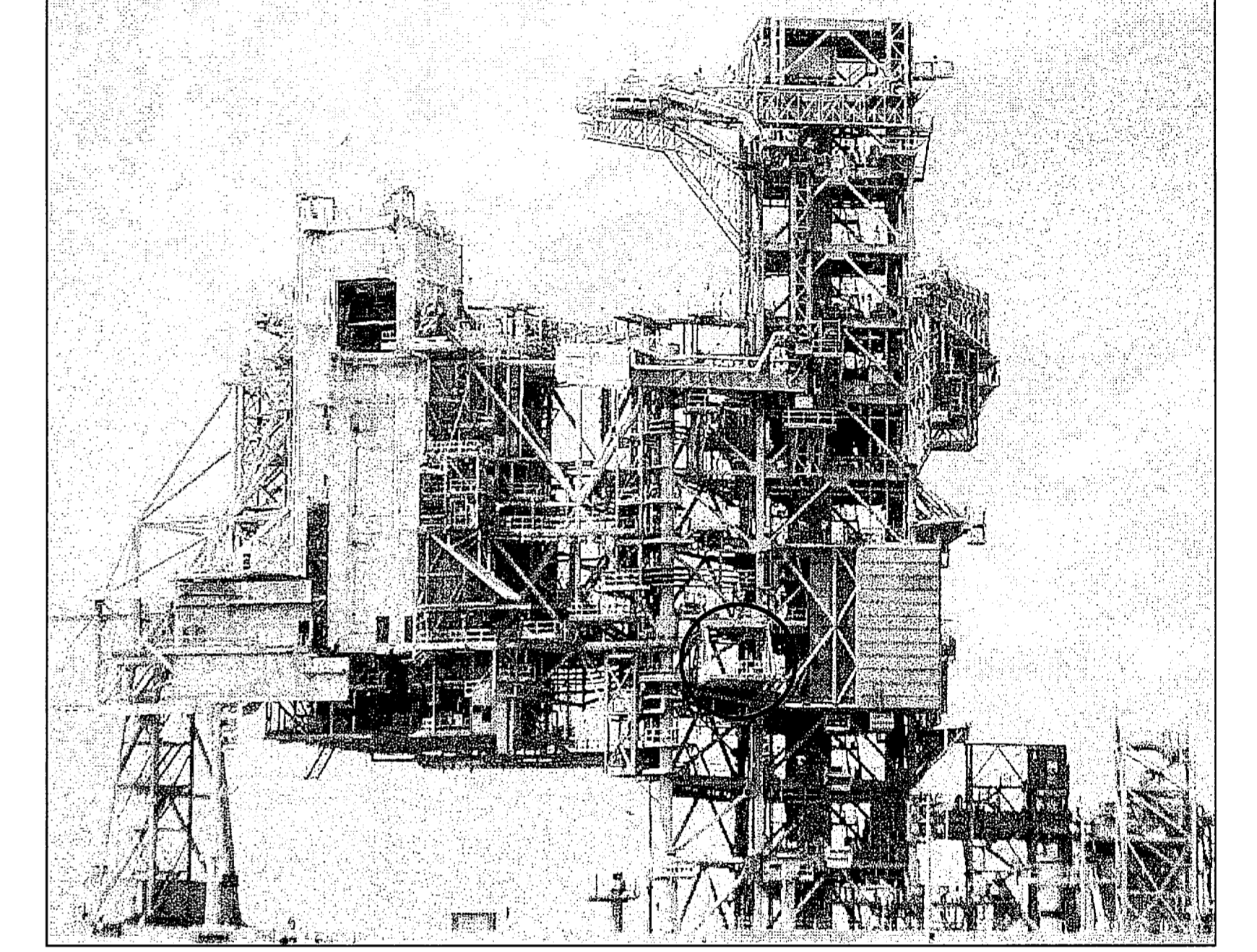


CENTAUR PLATFORM - PLAN AND SECTIONS

NTS - SOURCE FILE 79K24553 SHEET S2



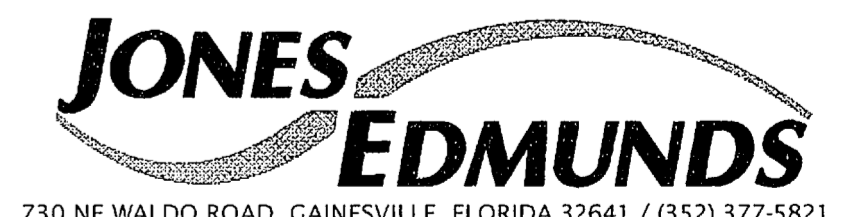
CENTAUR PLATFORM
 (LOOKING SOUTH FROM CRAWLERWAY)



CENTAUR PLATFORM
 (LOOKING WEST)

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: 14005006-547.DWG				

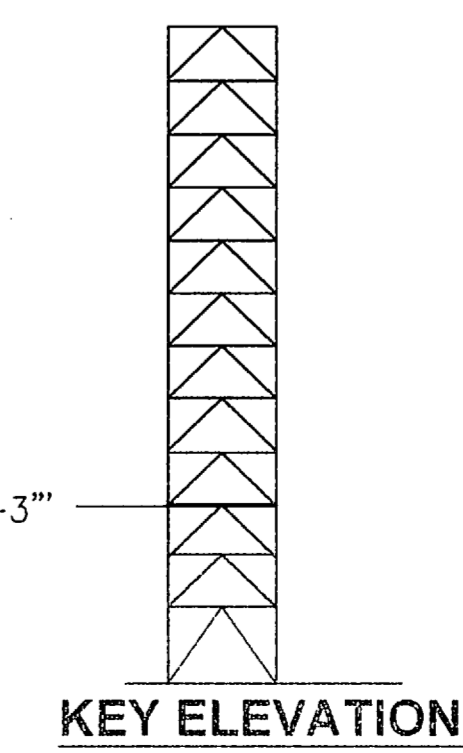


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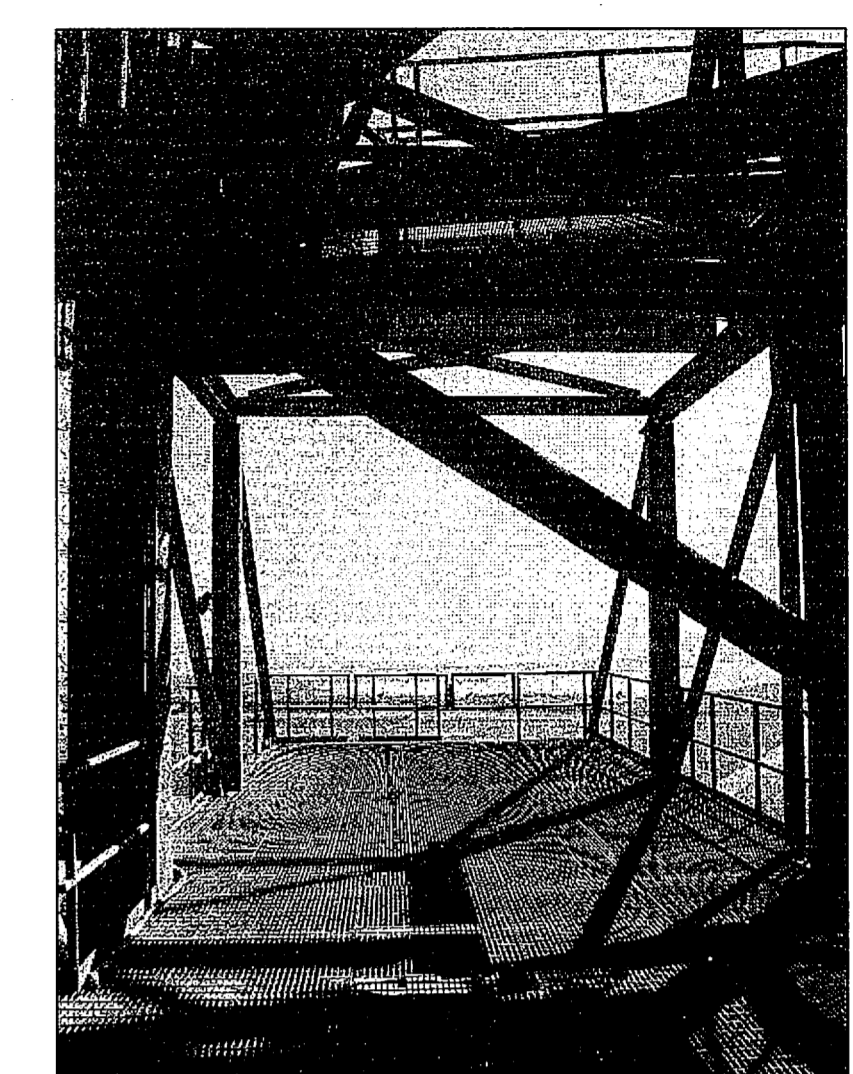
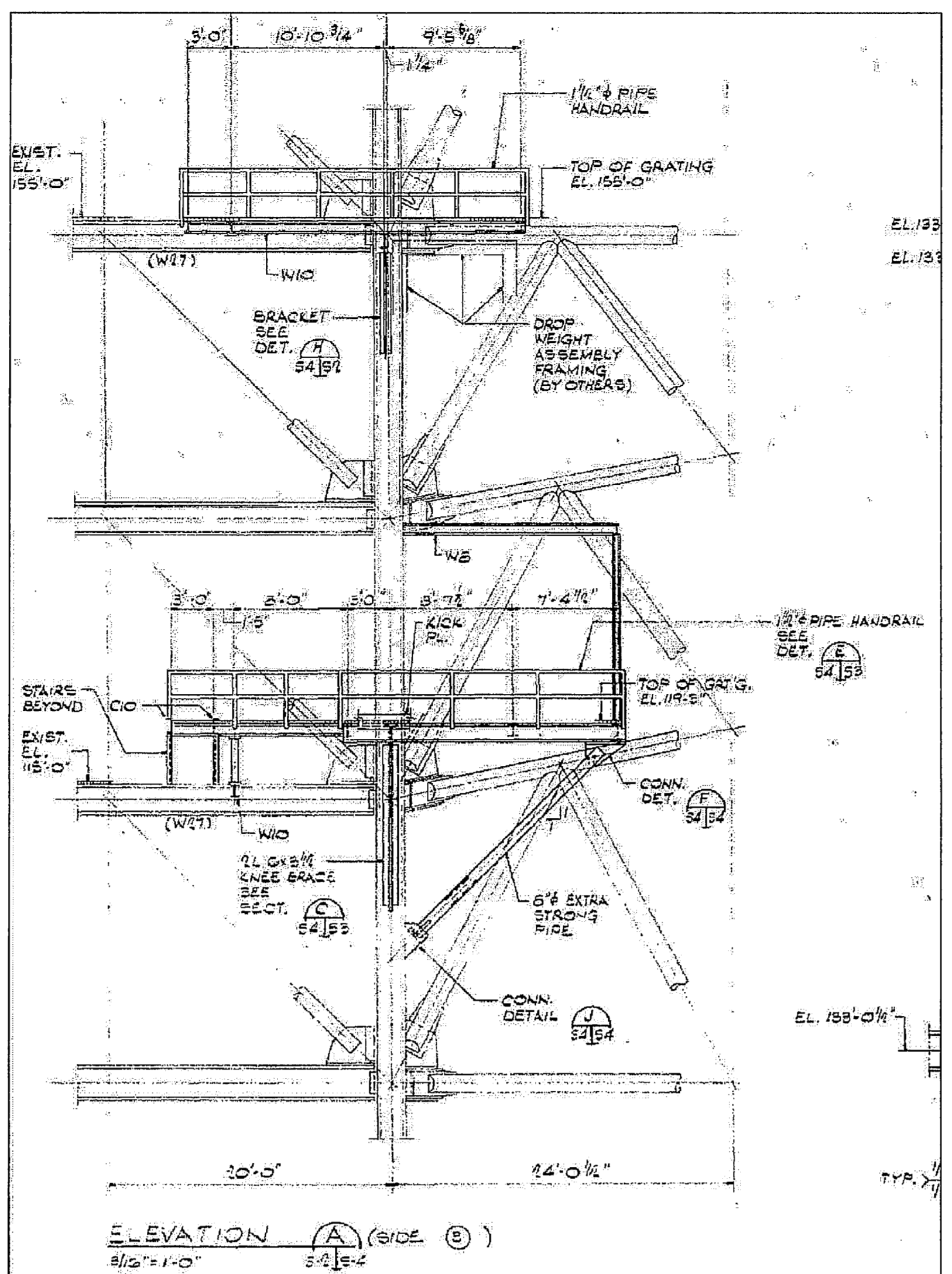
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED [Signature]	06/24/09	

LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
CENTAUR PLATFORM PLAN AND SECTIONS

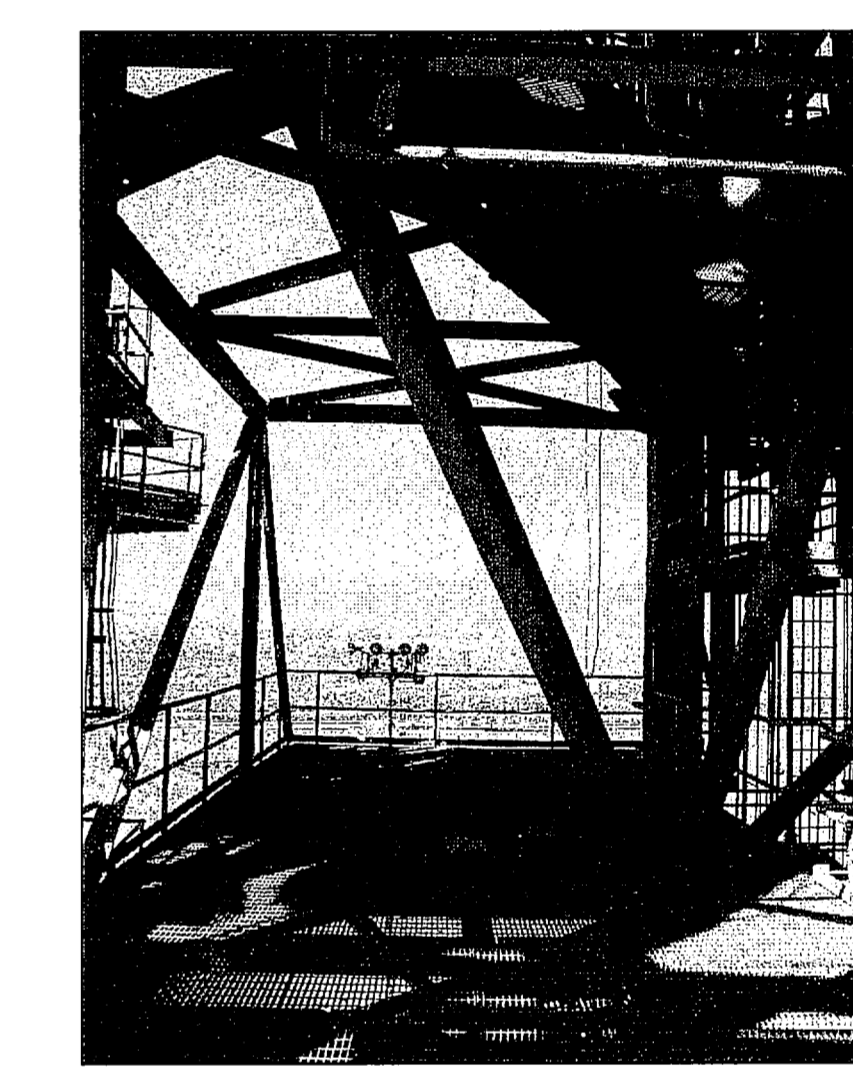
S47	DATE	SIZE	DWG. NO.	REV
		F	222W2200001	
TITLE	PROJ. NO. 98580			SHEET 62



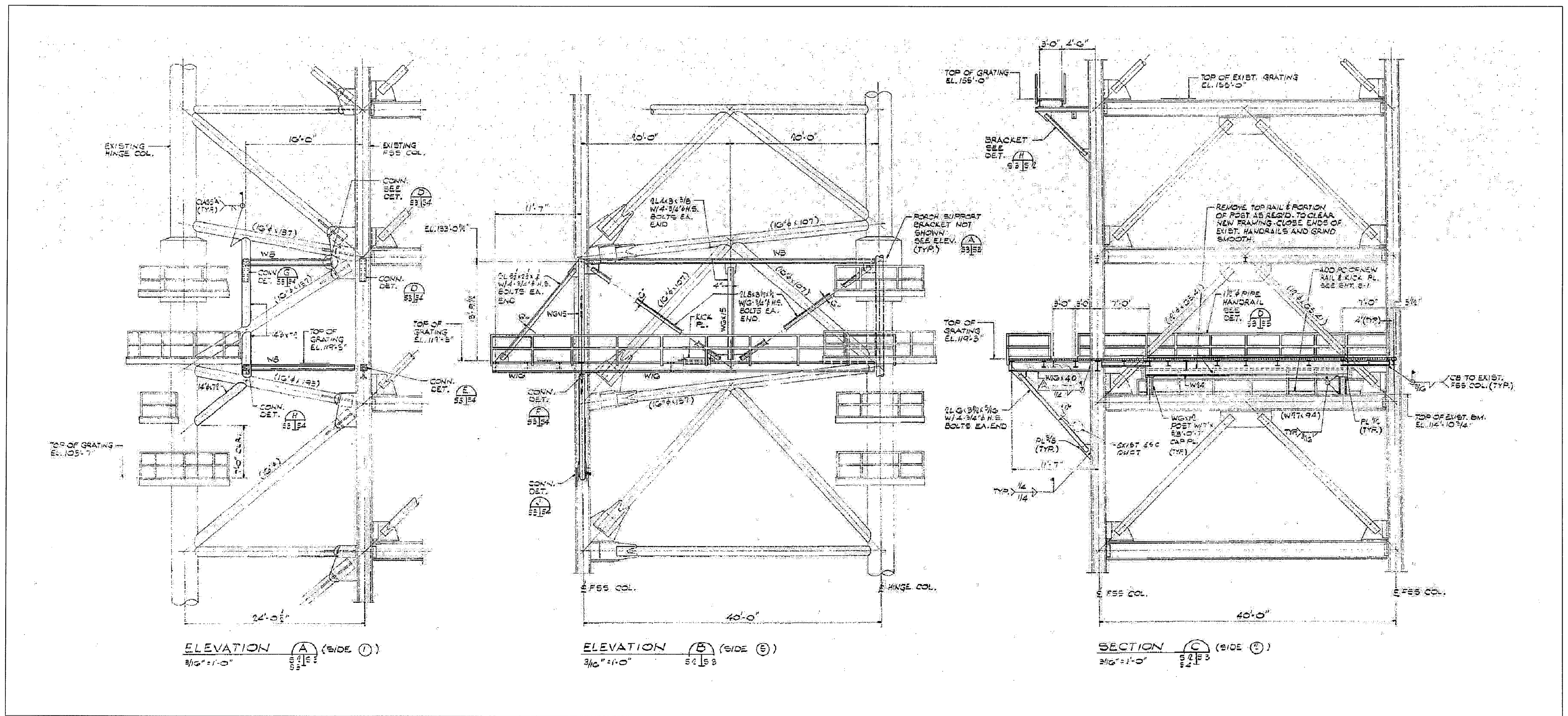
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded as an implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



CENTAUR PLATFORM (LOOKING EAST)



CENTAUR PLATFORM (LOOKING WEST)



CENTAUR PLATFORM ELEVATIONS

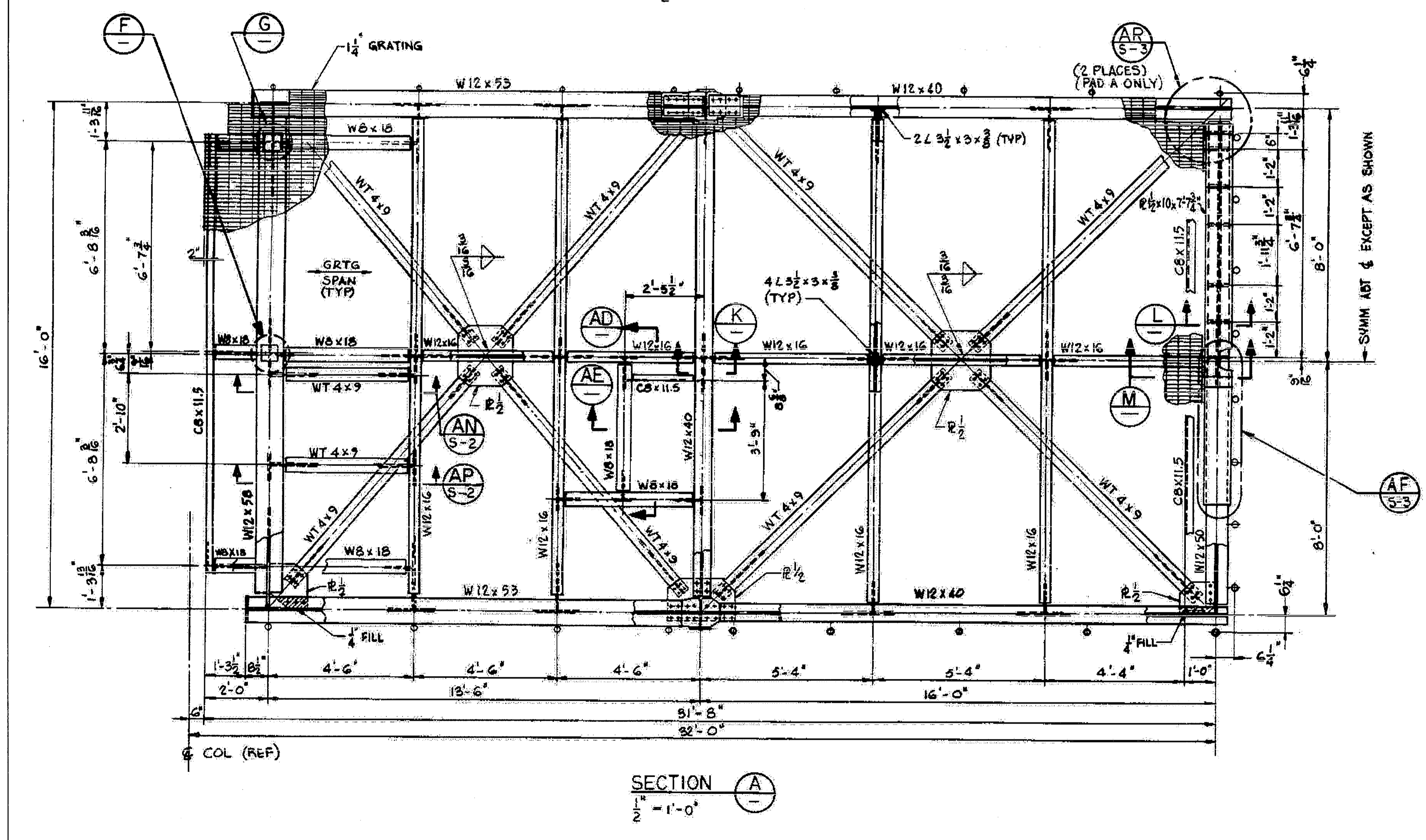
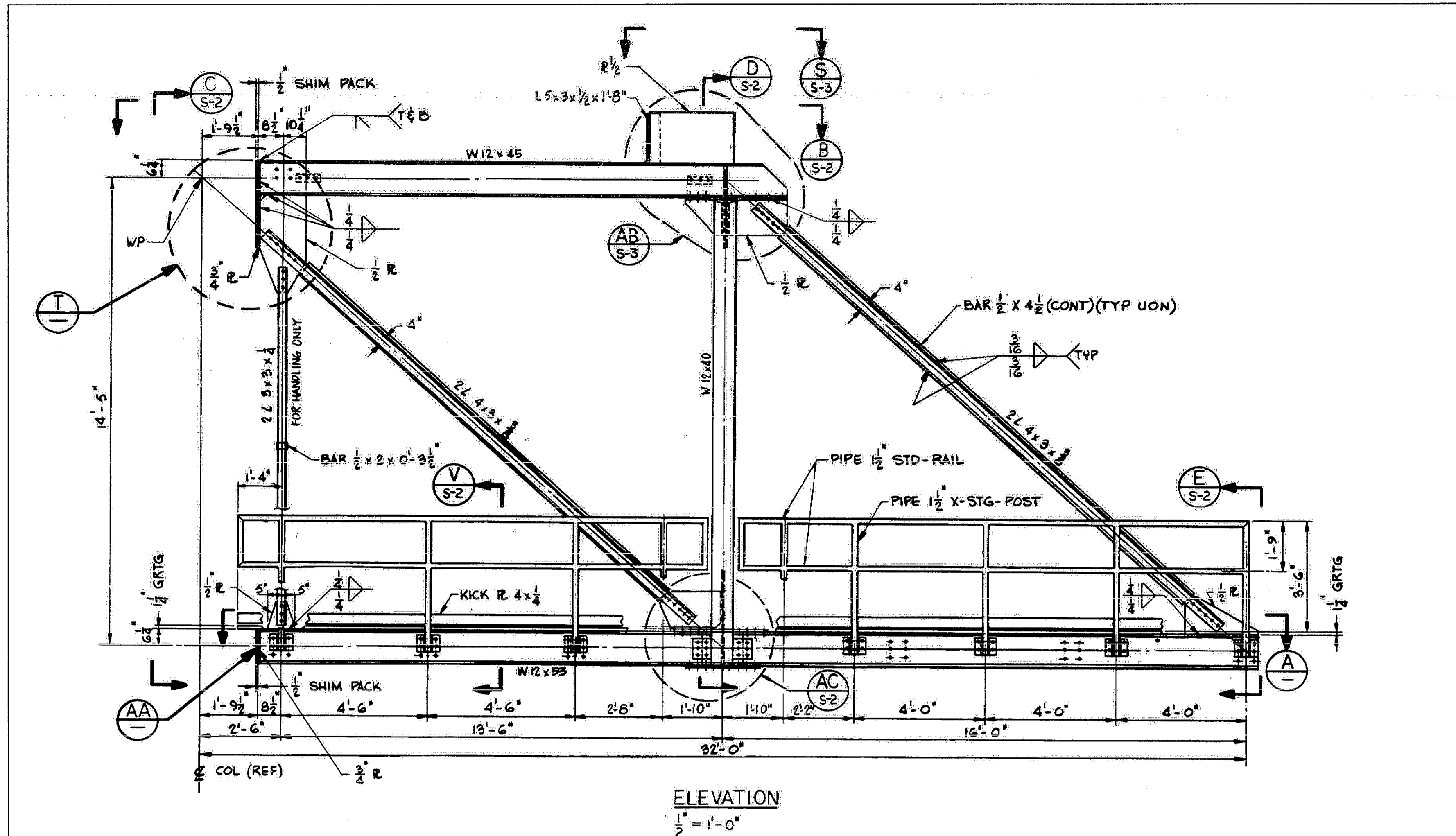
NTS - SOURCE FILE 79K24553 SHEET S3

THIS SPACE RESERVED

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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 S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED NP		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	
S48		98580	63	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 JOHN F. KENNEDY SPACE CENTER, NASA
 KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
 FSS/RSS AT LAUNCH COMPLEX 39B,
 DEMOLITION PACKAGE
 CENTAUR PLATFORM ELEVATIONS**

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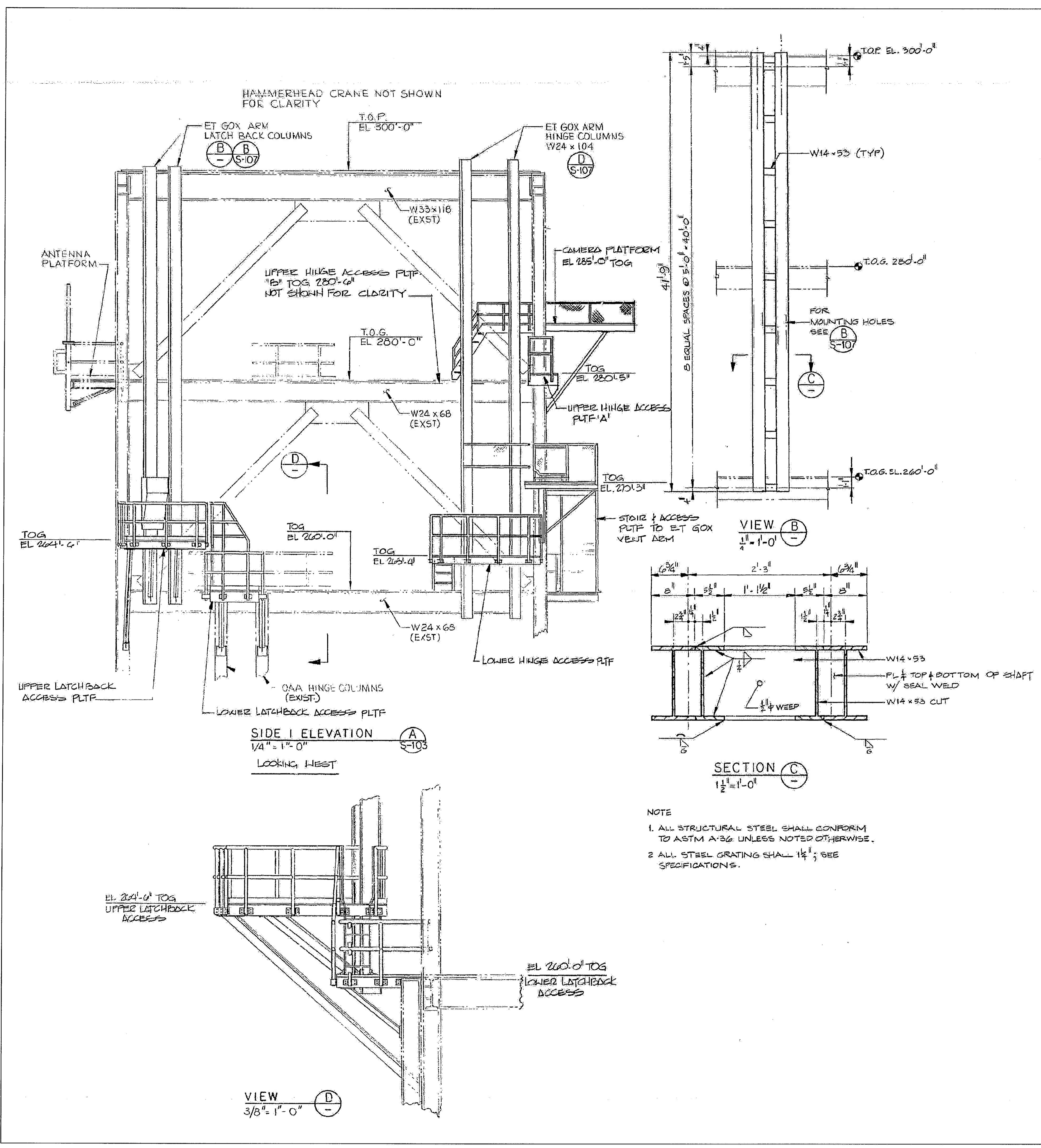
CENTAUR PORCH ELEVATION AND SECTION
 NTS - SOURCE FILE 79K26050 SHEET S1

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: 14005006-S49.DWG			
 730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2550			
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE CENTAUR PORCH ELEVATION AND SECTION	
DESIGNED N. PONTILLO	06/24/09		
SUBMITTED <i>[Signature]</i>	6/24/09		
APPROVED <i>[Signature]</i>	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001
S49	REV	PROJ. NO. 98580	SHEET 64

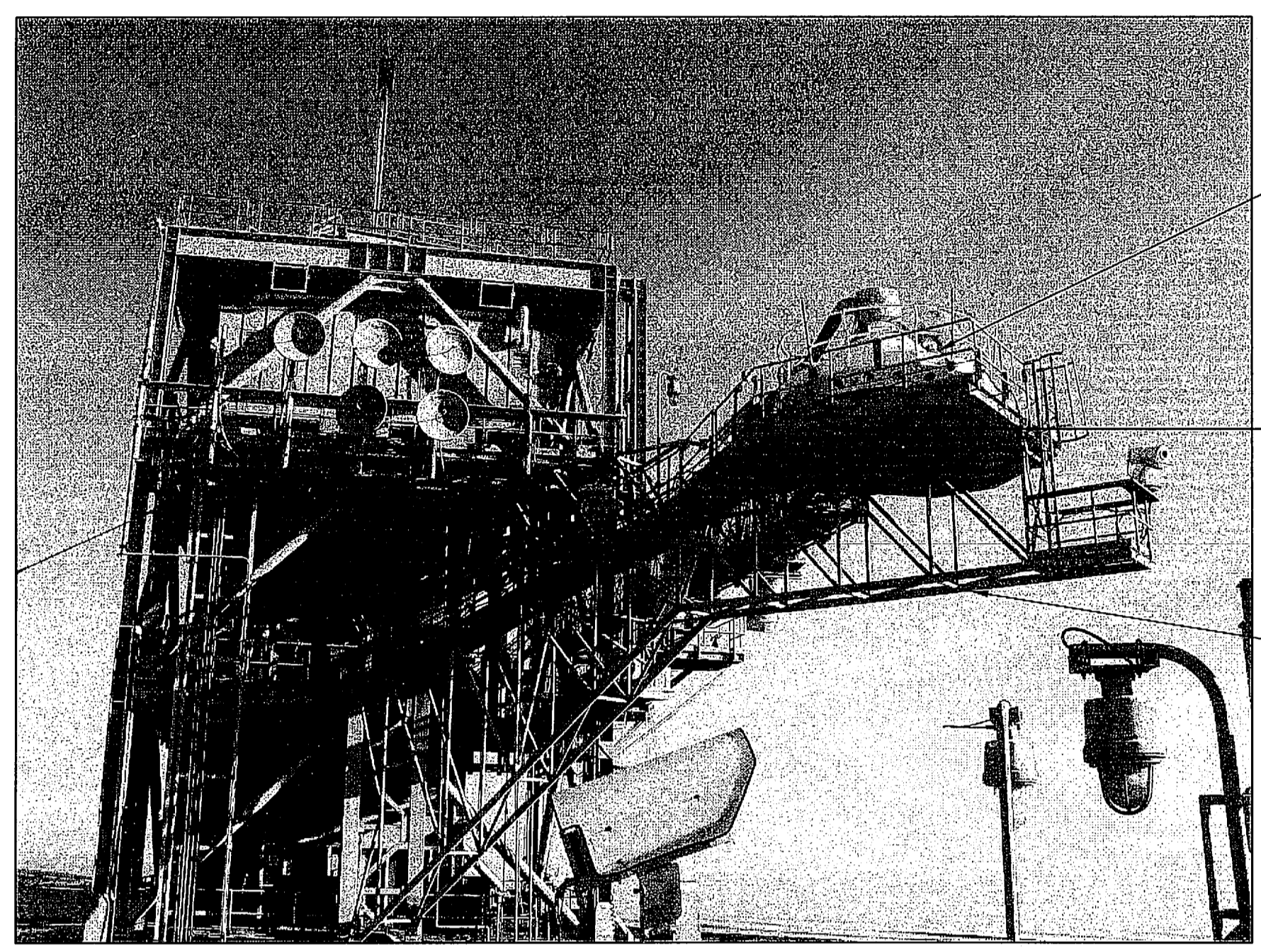
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FLAG NOTES

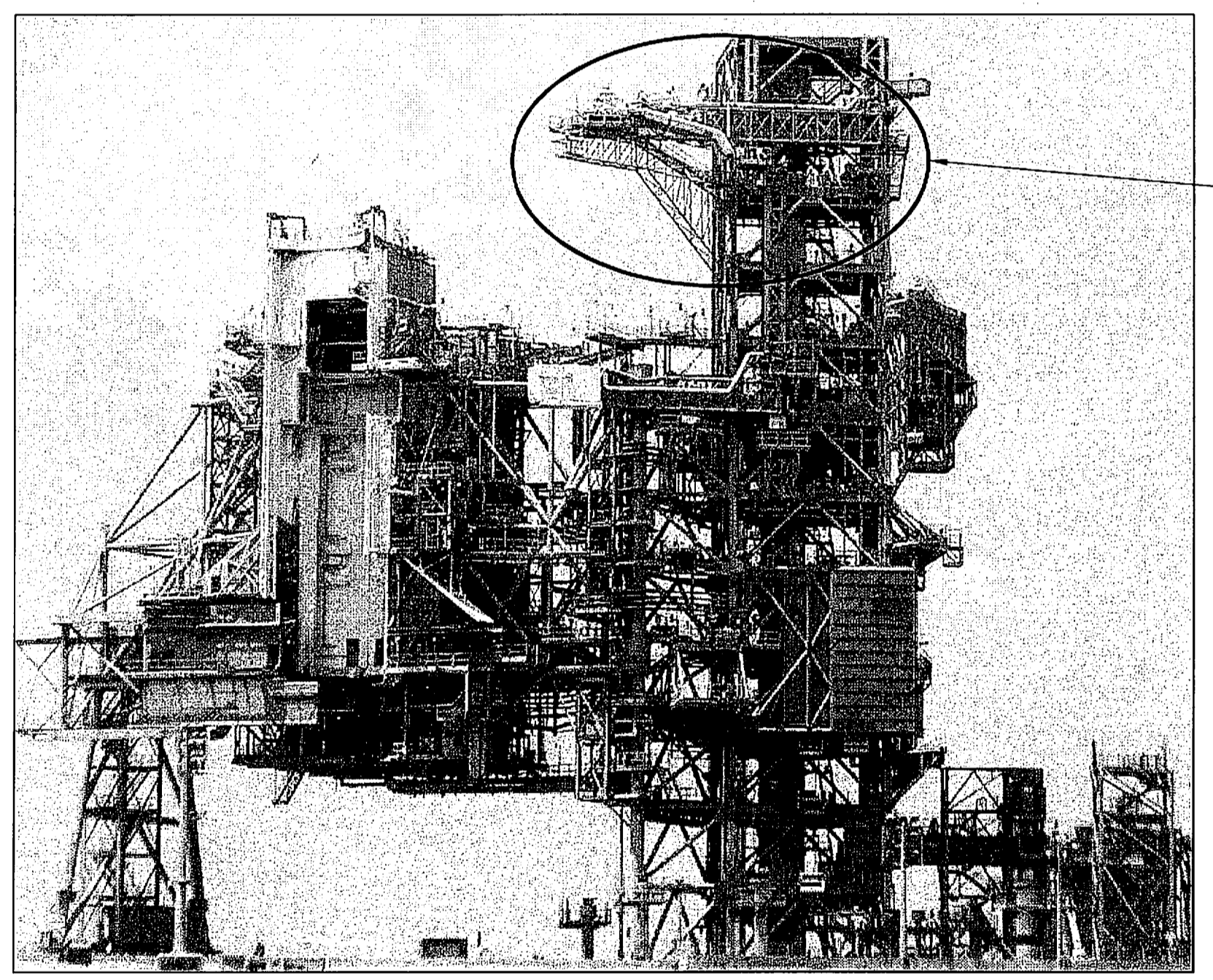
- 1 GOX VENT HOOD TO BE REMOVED BY OTHERS
- 2 GOX VENT HOOD ACCESS PLATFORM
- 3 GOX VENT HOOD ACCESS PLATFORM SUPPORT



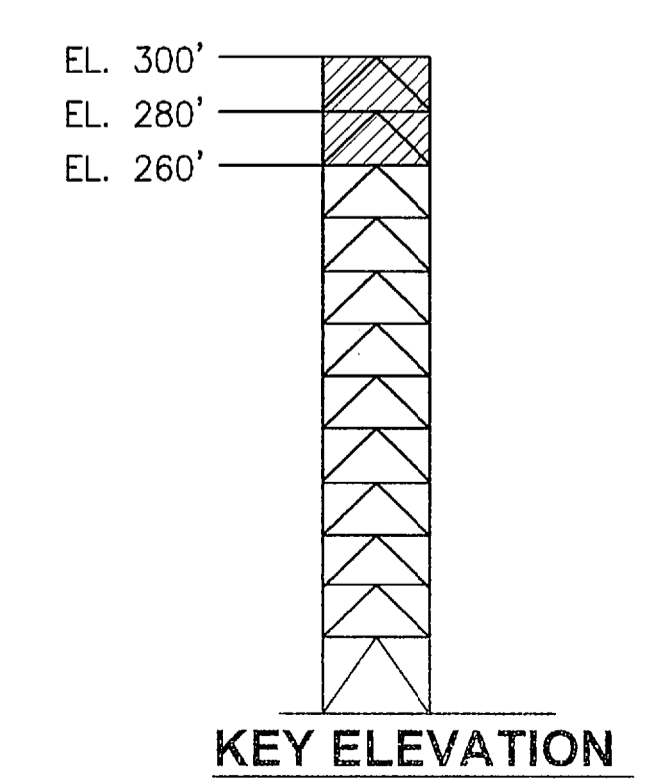
ET GOX VENT ARM SUPPORT
NTS - SOURCE FILE 79K24048 SHEET S105



GOX VENT ARM AND SUPPORT PLATFORM
(LOOKING NORTH FROM RSS)



GOX VENT ARM AND SUPPORT PLATFORM
(LOOKING WEST)



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: 14005006-S50.DWG				

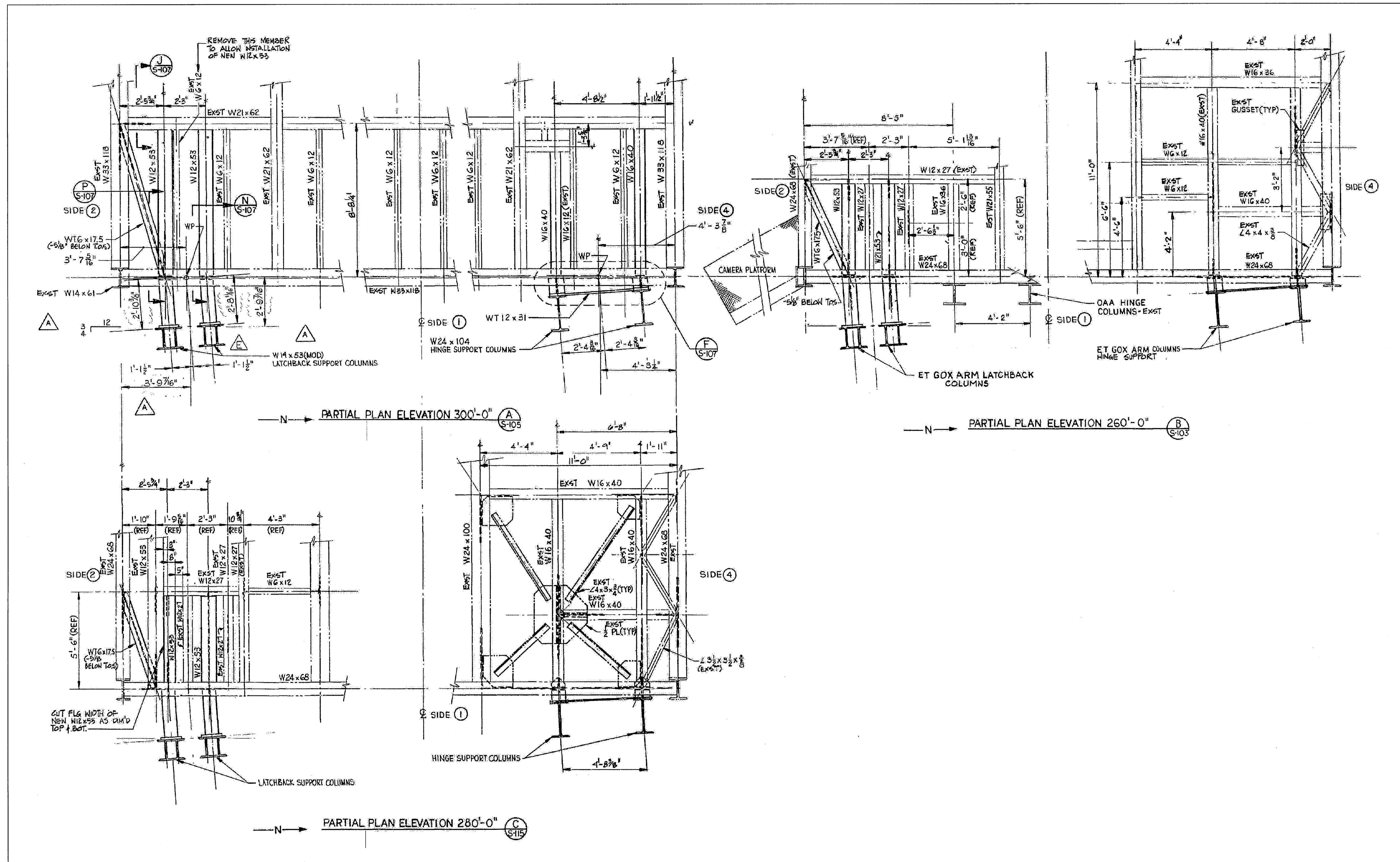


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

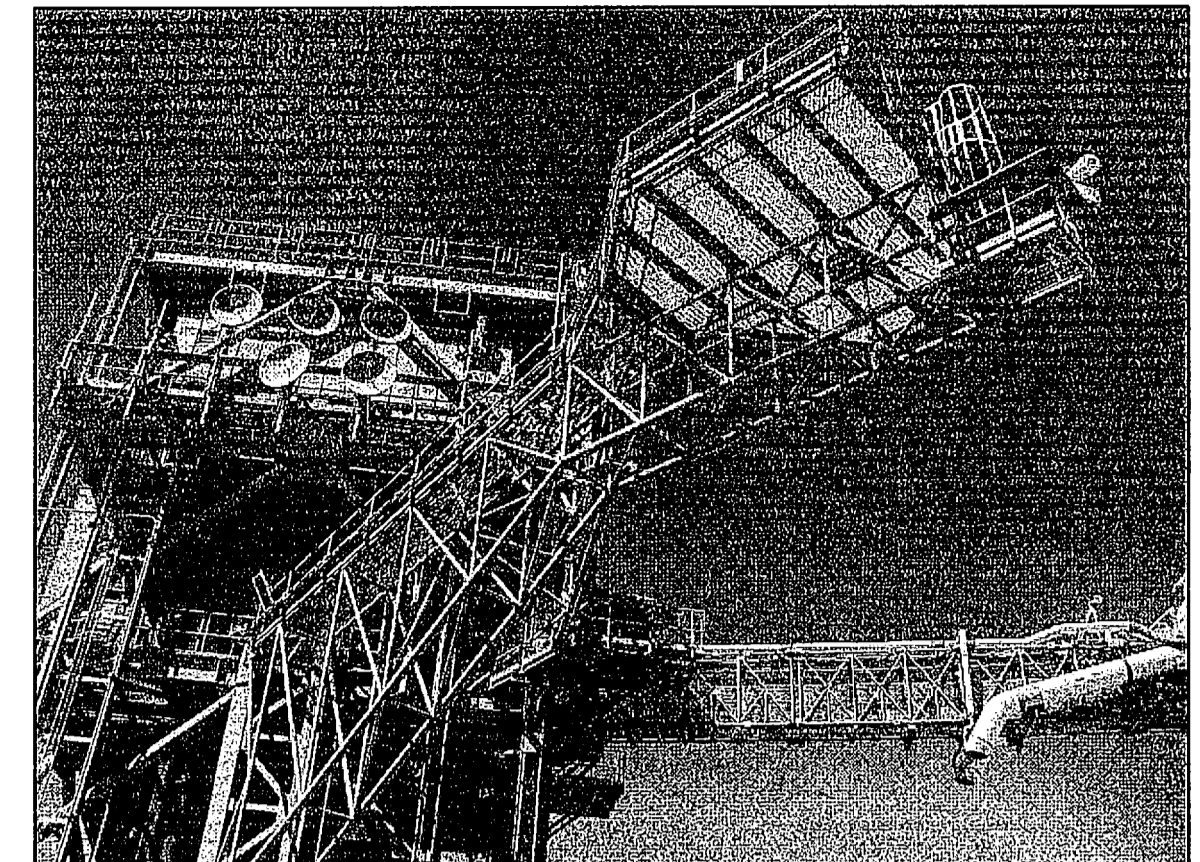
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT ARM SUPPORT
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED NP	6/24/09	

APPROVED	DATE	SIZE	DWG. NO.	REV
S50	6/24/09	F	222W2200001	
TITLE		PROJ. NO. 98580	SHEET 65	

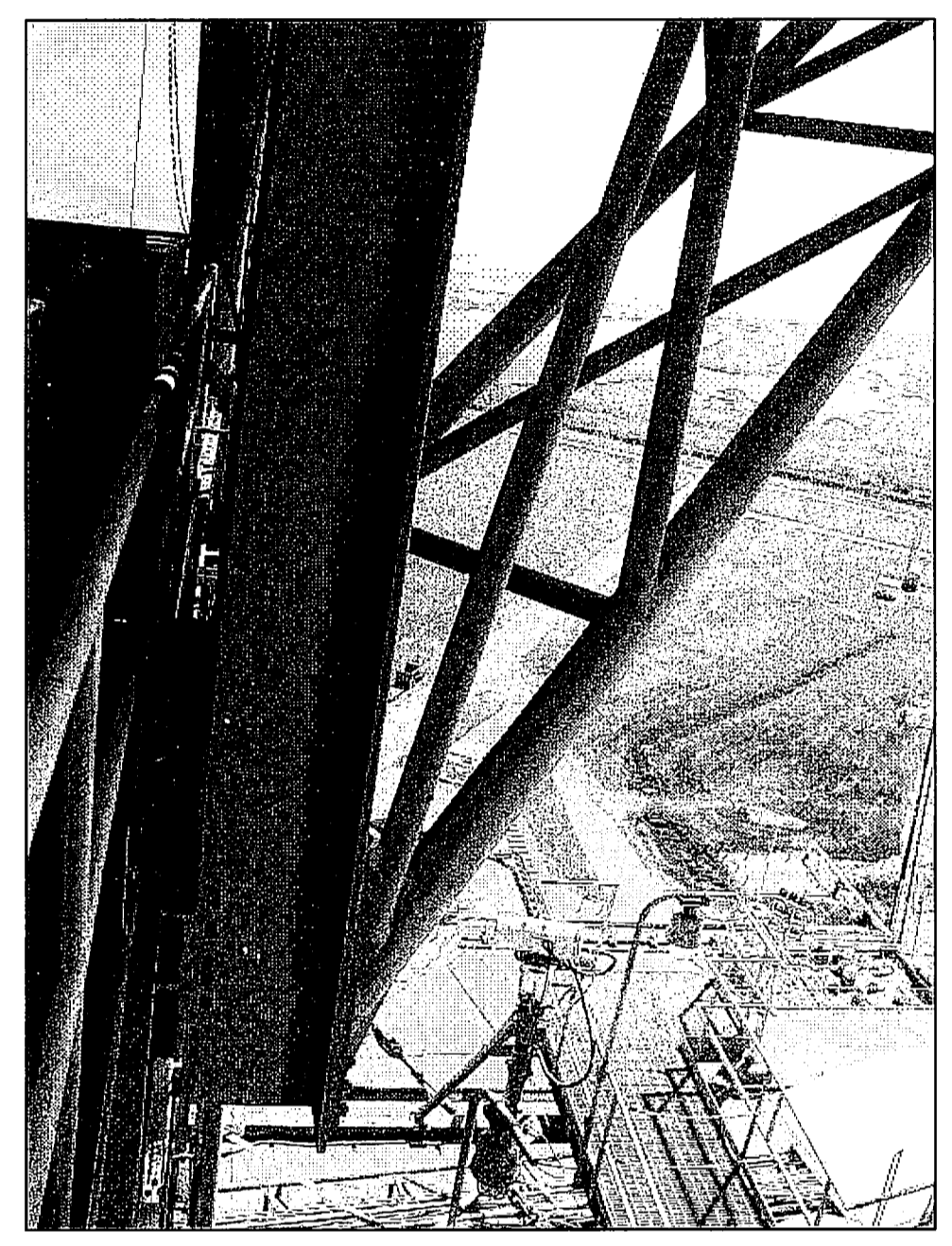
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ET GOX VENT ARM SUPPORT DETAILS
 NTS - SOURCE FILE 79K24048 SHEET S106



ET GOX VENT ARM AND SUPPORT FRAMING
 (LOOKING UP FROM RSS WALKWAY)



ET GOX VENT HOOD ACCESS PLATFORM SUPPORT FRAMING CONNECTION
 (LOOKING EAST FROM FSS)

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: 14005006-S51.DWG				



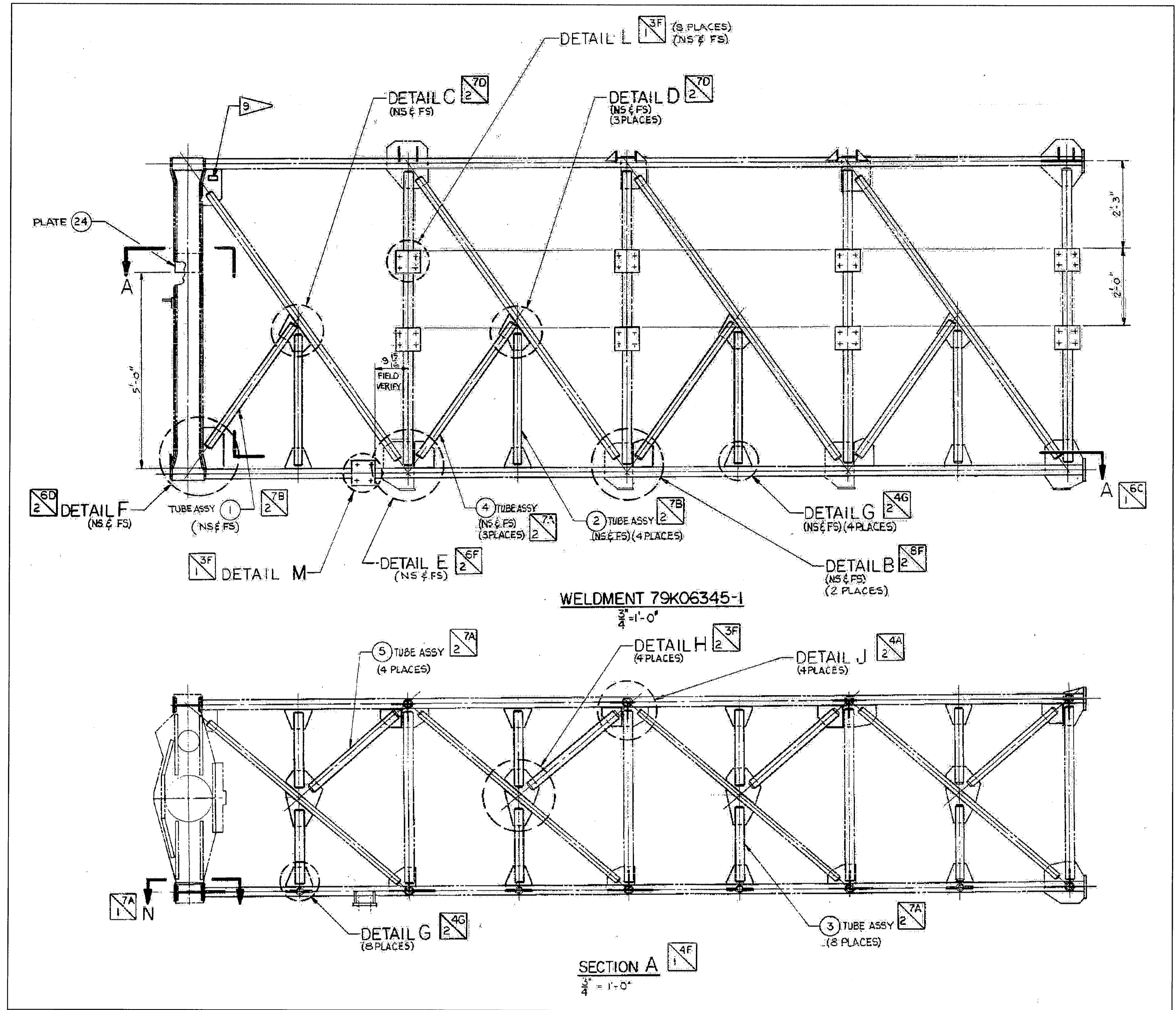
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED NP	6/24/09	
APPROVED <i>[Signature]</i>	6/24/09	

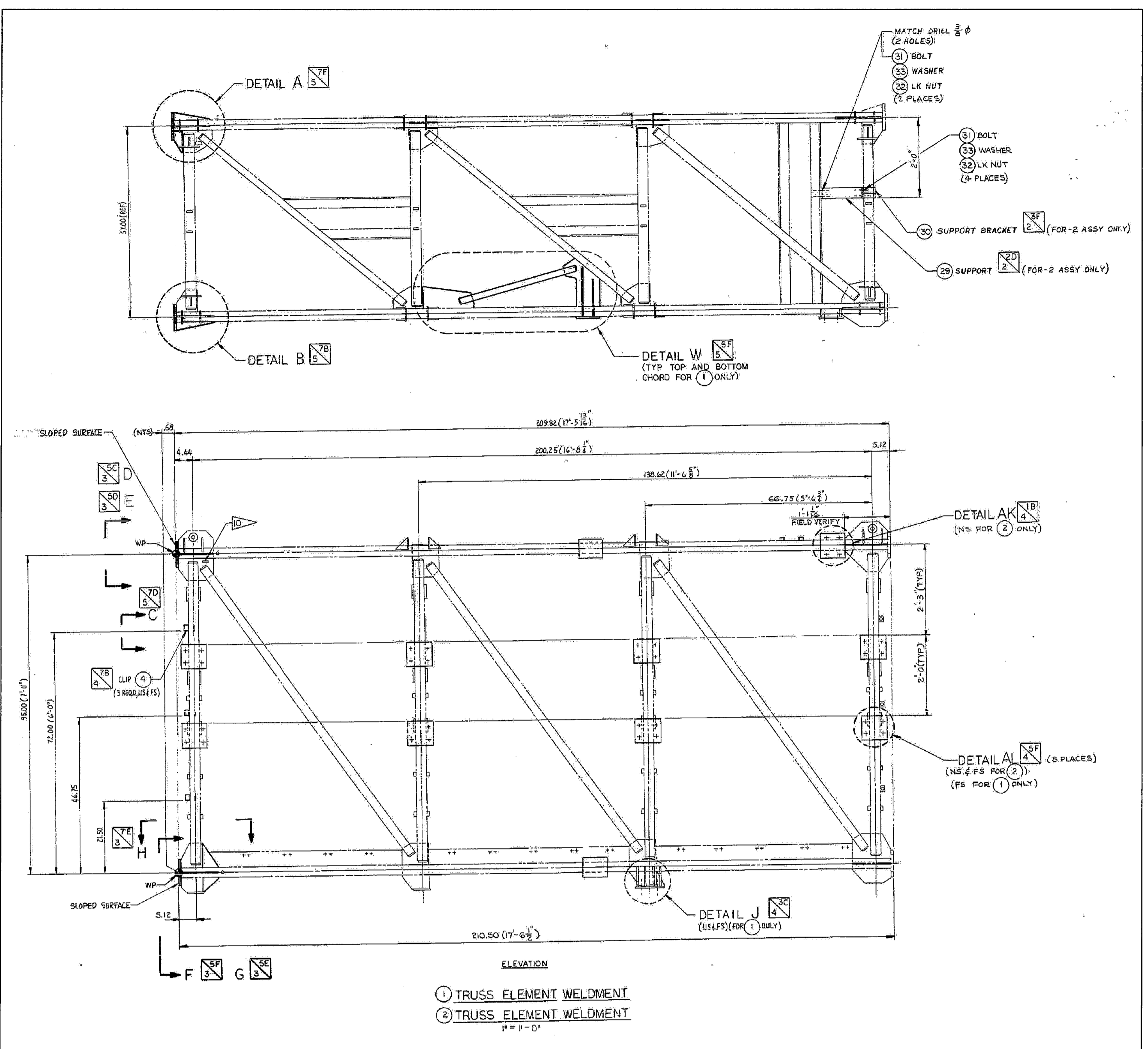
LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
ET GOX VENT ARM SUPPORT DETAILS

S51	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 66	

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ET GOX VENT ARM
NTS - SOURCE FILE 79K06345 SHEET 1 OF 3



ET GOX VENT ARM
NTS - SOURCE FILE 79K06346 SHEET 1 OF 5

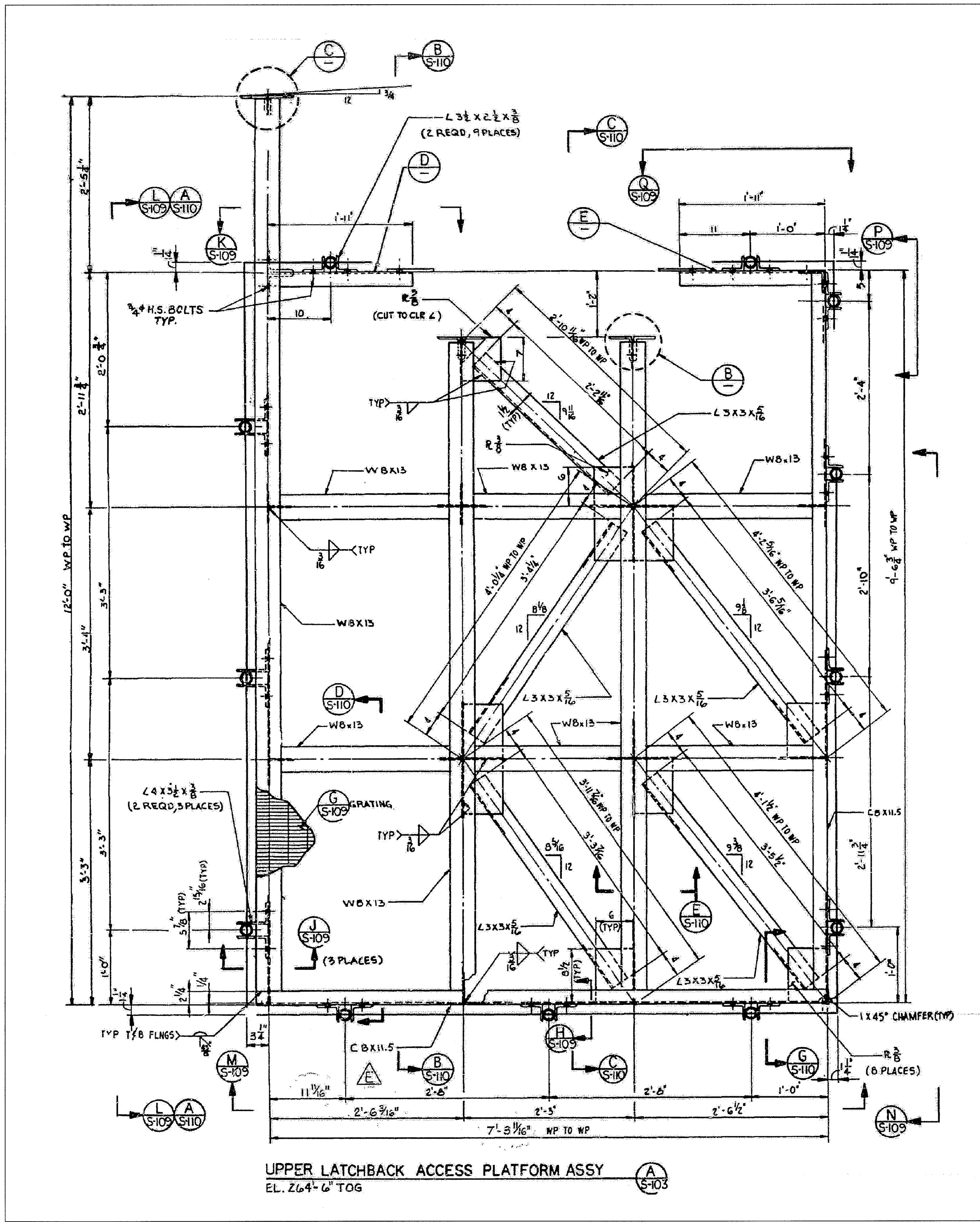
THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S52.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 JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT ARM
DRAWN		
CHECKED		
DESIGNED		
SUBMITTED		
APPROVED	DATE	SIZE DWG. NO.
S52	6/24/09	F 222W2200001
TITLE		PROJ. NO. 98580
		SHEET 67

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UPPER LATCHBACK ACCESS PLATFORM ASSY
EL. Z64-6 TOG

ET GOX VENT ARM UPPER LATCHBACK PLATFORM

NTS - SOURCE FILE 79K24048 SHEET S108

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: 14005006-S53.DWG				

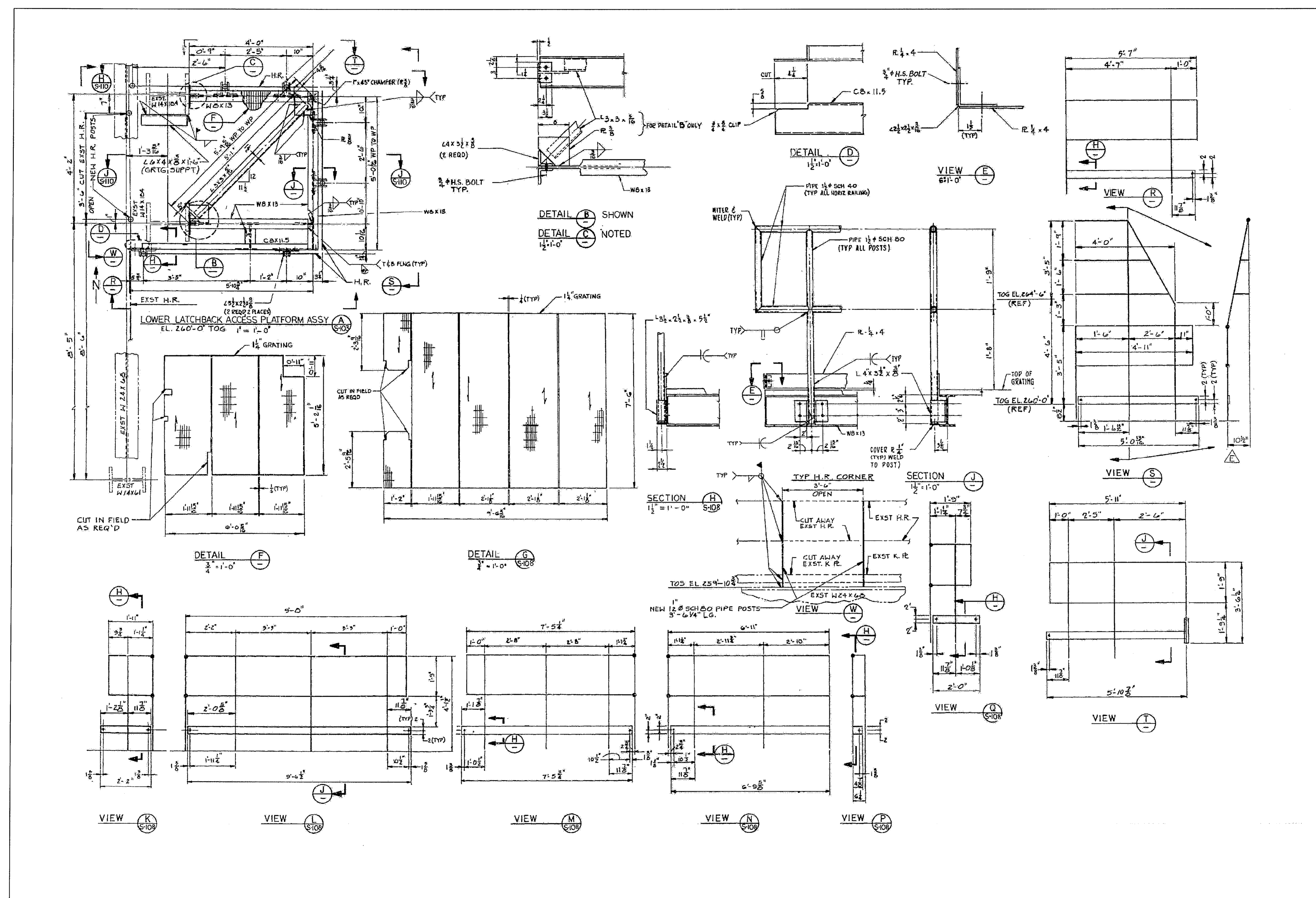


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT ARM UPPER LATCHBACK PLATFORM
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED [Signature]	6/24/09	
APPROVED [Signature]	DATE 6/24/09	SIZE DWG. NO. F 222W2200001
TITLE		PROJ. NO. 98580 SHEET 68

S53

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ET GOX VENT ARM LOWER LATCHBACK PLATFORM
 NTS - SOURCE FILE 79K24048 SHEET S109

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: 14005006-554.DWG				



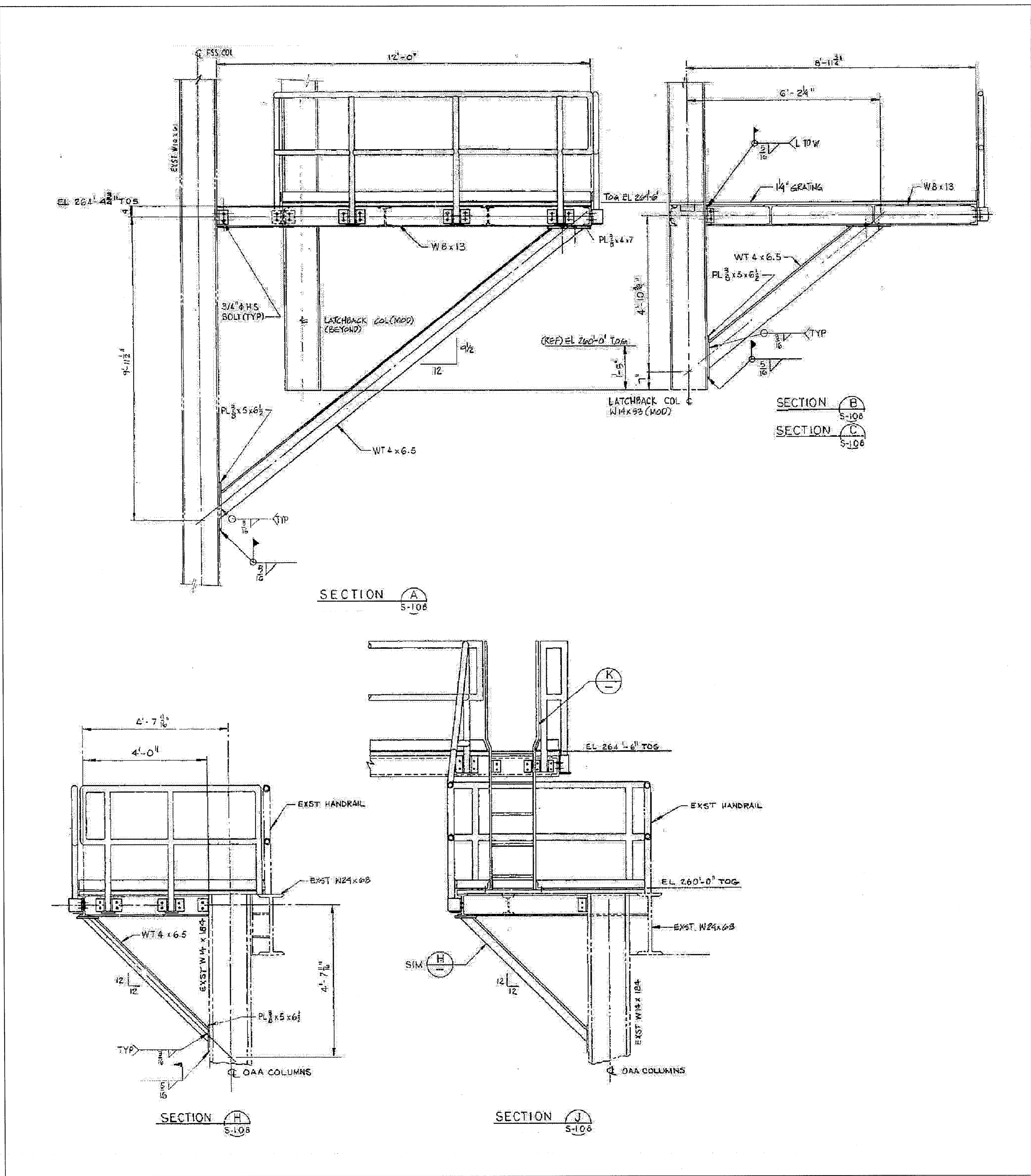
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT ARM LOWER LATCHBACK PLATFORM
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED NP	6/24/09	

APPROVED	DATE	SIZE	DWG. NO.	REV
<i>[Signature]</i>	6/24/09	F	222W2200001	
TITLE		PROJ. NO. 98580	SHEET 69	

S54


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ET GOX VENT ARM LATCHBACK PLATFORMS
 NTS - SOURCE FILE 79K24048 SHEET S110

THIS SPACE RESERVED

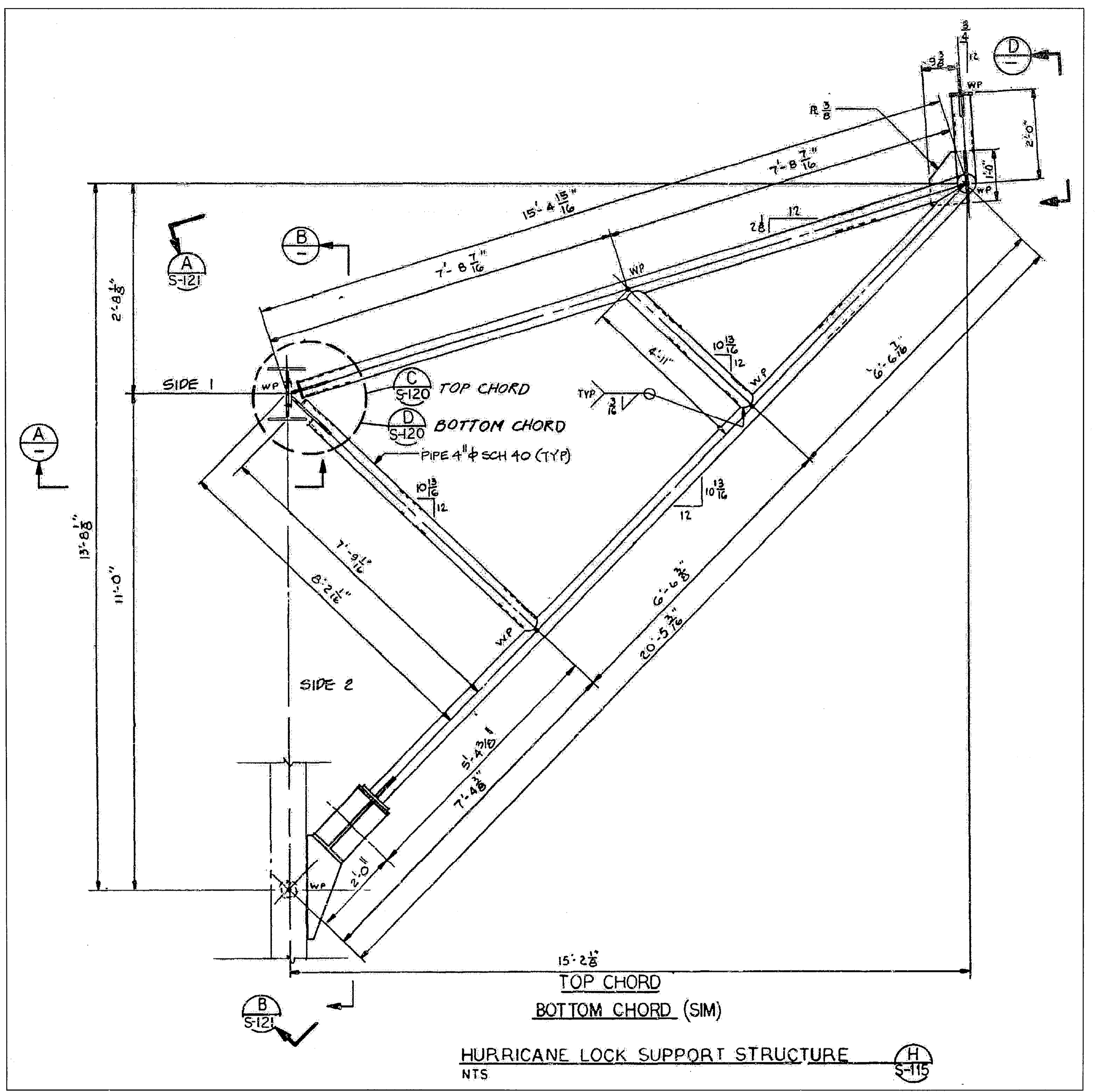
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S55.DWG				



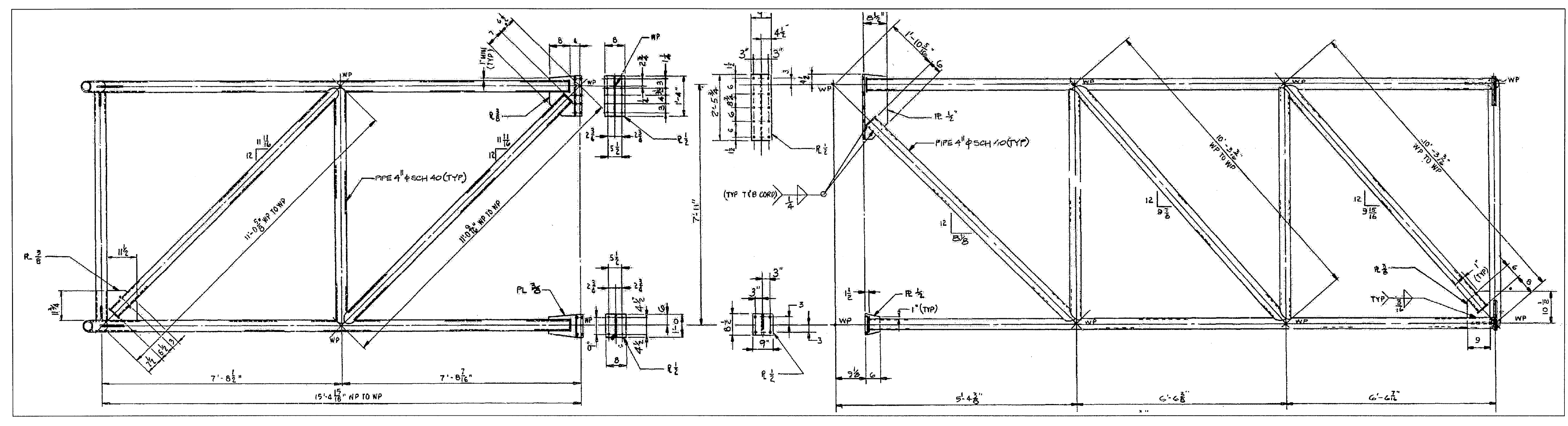
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT LOWER LATCHBACK PLATFORMS DET
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED <i>[Signature]</i>	6/24/09	
APPROVED <i>[Signature]</i>	DATE 6/24/09	SIZE DWG. NO. F 222W2200001
S55	TITLE	PROJ. NO. 98580 SHEET 70

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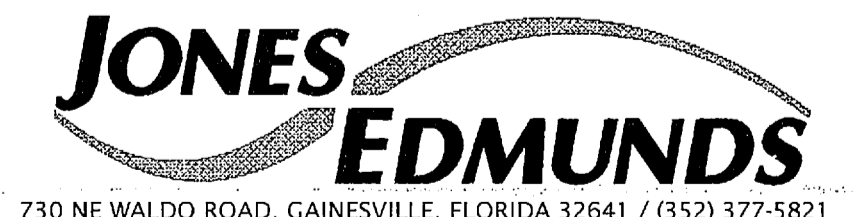
ET GOX VENT ARM HURRICANE LOCK
 NTS - SOURCE FILE 79K24048 SHEET S119



ET GOX VENT ARM HURRICANE LOCK DETAILS
 NTS - SOURCE FILE 79K24048 SHEET S121

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REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S56.DWG				



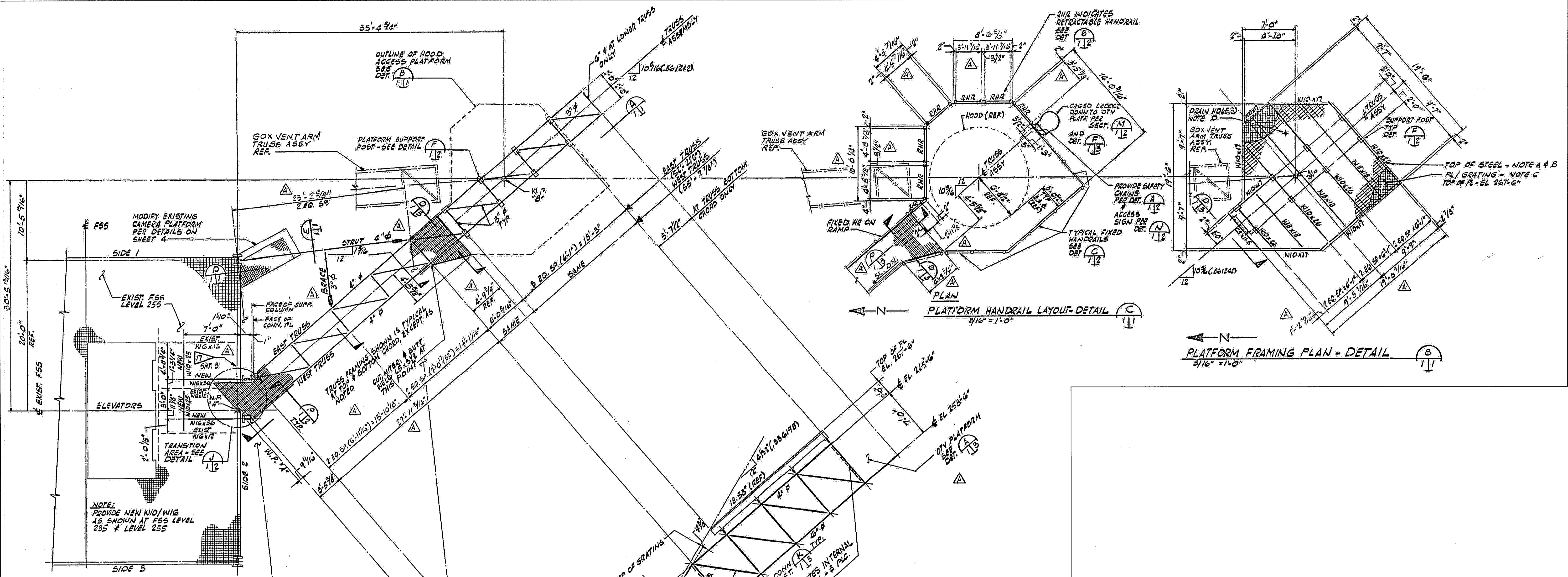
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED <i>[Signature]</i>	6/24/09	
TITLE S56		

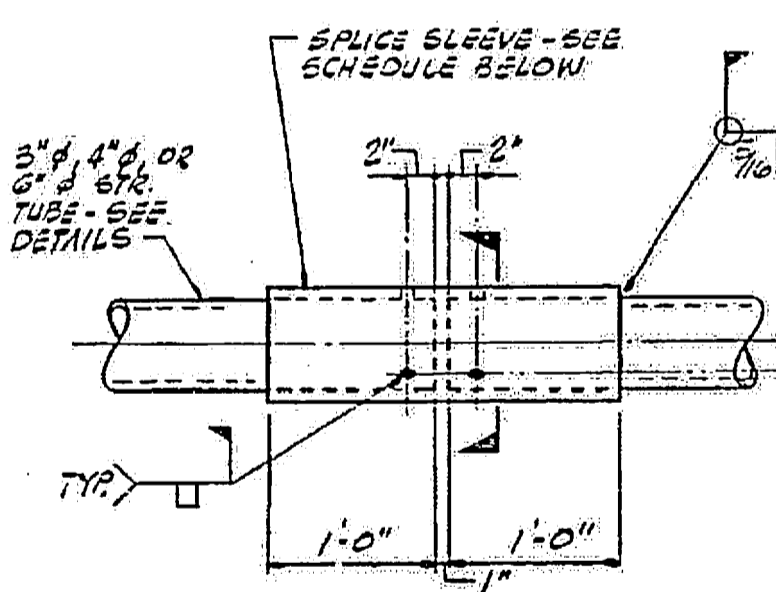
LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
ET GOX VENT ARM HURRICANE LOCK

APPROVED	DATE	SIZE	DWG. NO.	REV
<i>[Signature]</i>	6/24/09	F	222W2200001	
TITLE		PROJ. NO. 98580	SHEET 71	

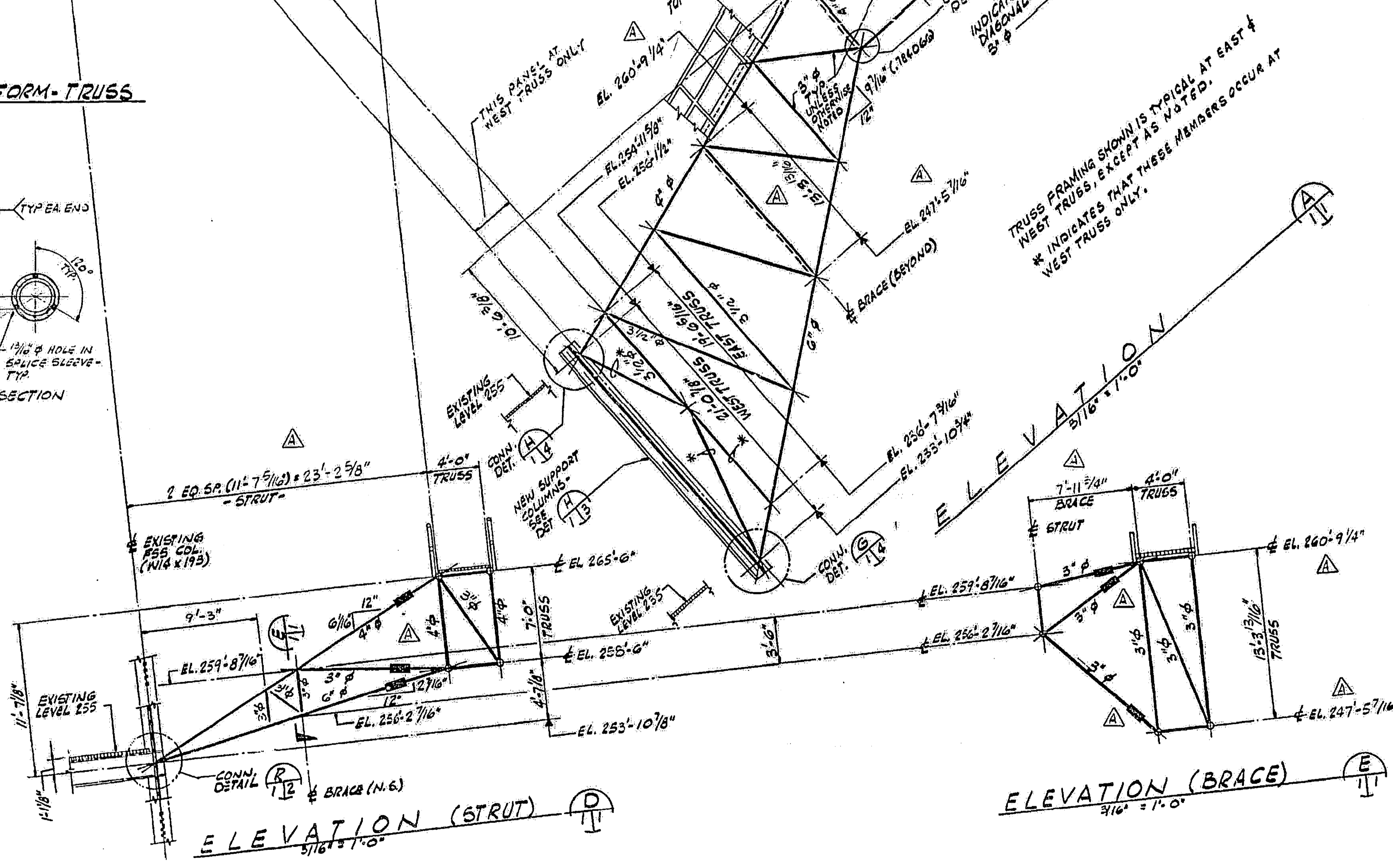
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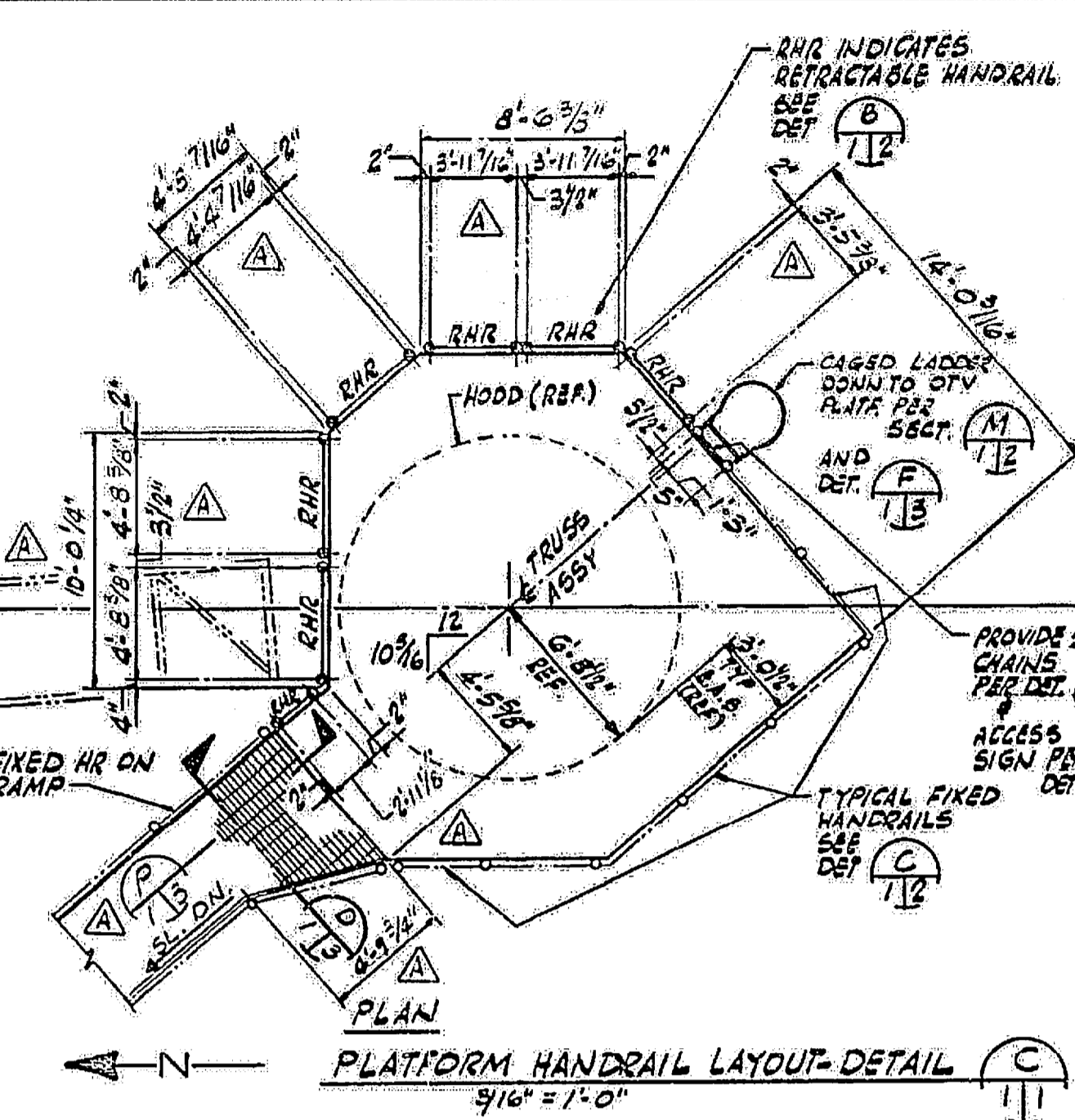
PLAN - GOX VENT HOOD ACCESS PLATFORM - TRUSS
 5/16" = 1'-0"



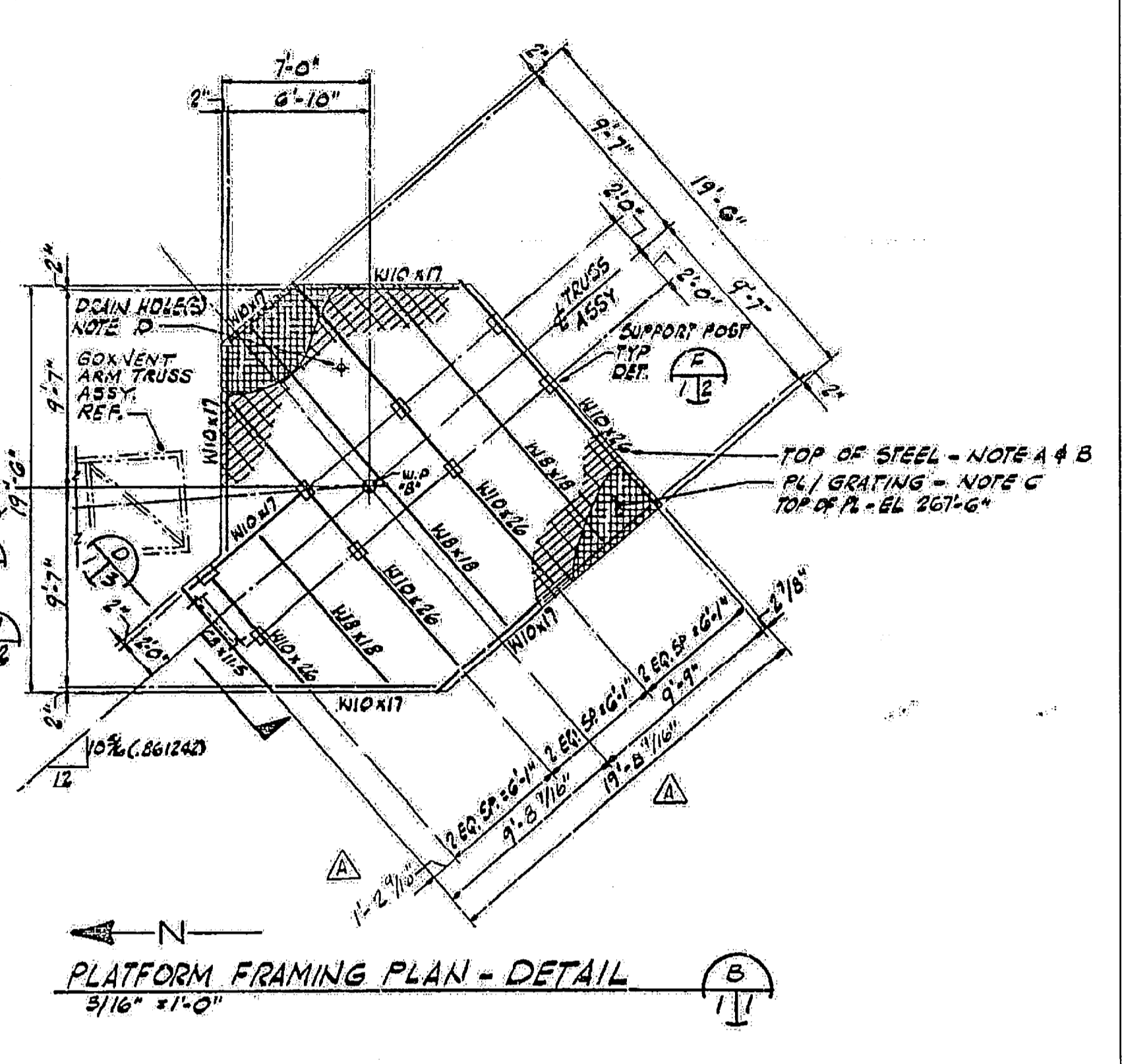
TUBE FIELD SPLICE DETAIL
 1/4" = 1'-0"
 USE ONLY AT LOCATIONS IDENTIFIED BY ?



ET GOX VENT HOOD ACCESS PLATFORM
 NTS - SOURCE FILE 79K29967 SHEET 1



PLATFORM HANDRAIL LAYOUT-DETAIL
 5/16" = 1'-0"



PLATFORM FRAMING PLAN - DETAIL
 5/16" = 1'-0"

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REVISIONS				
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JONES EDMUNDS

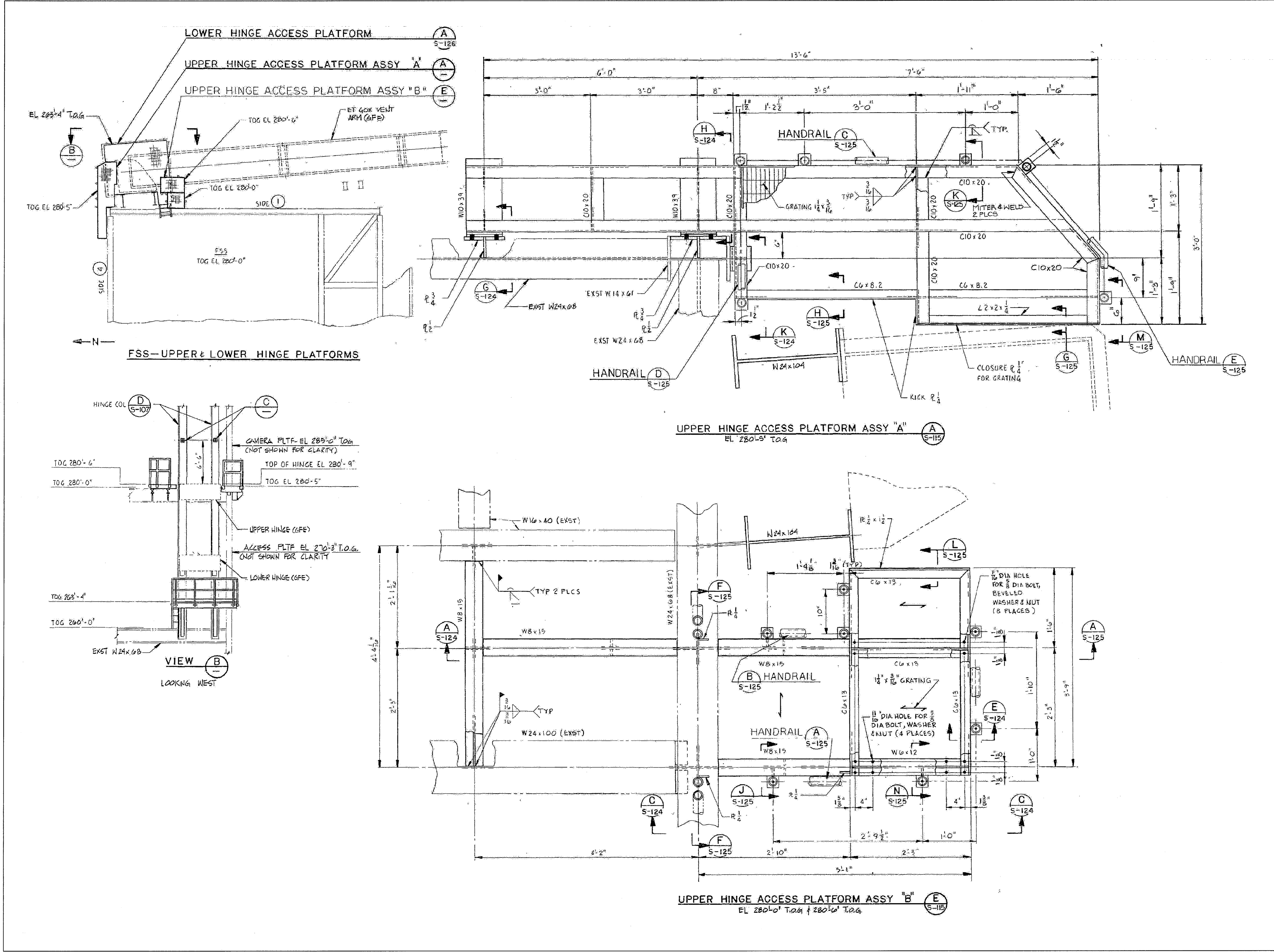
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 259-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
S. BHIDE	06/24/09	
N. PONTILLO	06/24/09	
APPROVED	DATE	SIZE DWG. NO.
	6/24/09	F 222W2200001

LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT HOOD ACCESS PLATFORM

S57 PROJ. NO. 98580 SHEET 72

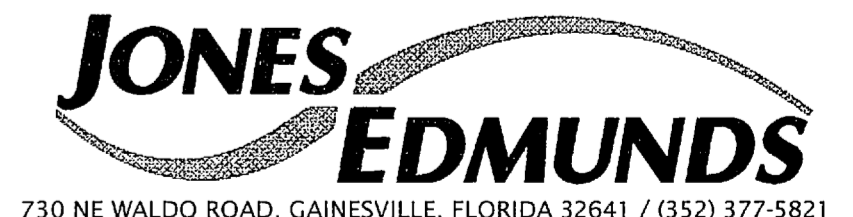
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ET GOX VENT ARM UPPER HINGE PLATFORM PLAN AND DETAILS
 NTS - SOURCE FILE 79K24048 SHEET S123

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
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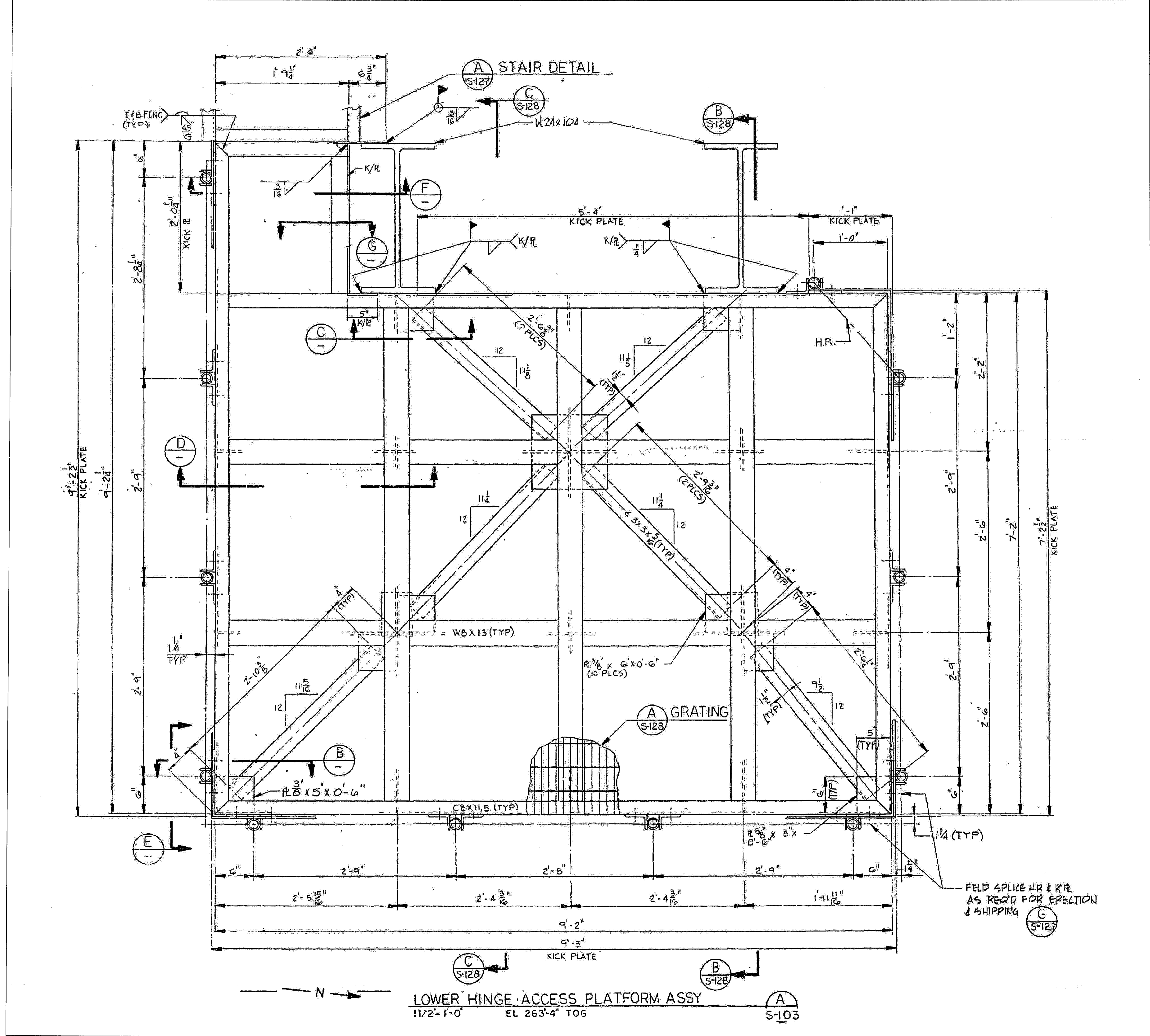


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
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SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT UPPER HINGE PLATFORM PLAN & DETAILS	
DESIGNED	N. PONTILLO	06/24/09		
SUBMITTED	<i>[Signature]</i>	6/24/09		
APPROVED	<i>[Signature]</i>	DATE	SIZE	DWG. NO.
			F	222W2200001
TITLE		PROJ. NO. 98580	SHEET 73	

S58

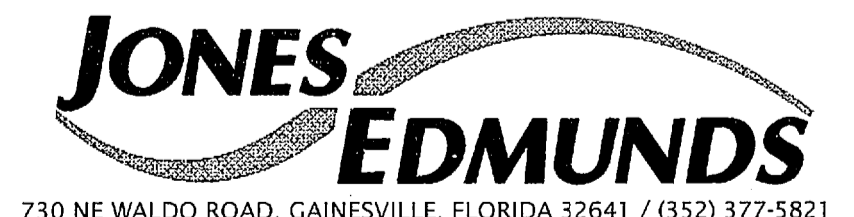
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ET GOX VENT ARM LOWER HINGE PLATFORM PLAN
 NTS - SOURCE FILE 79K24048 SHEET S126

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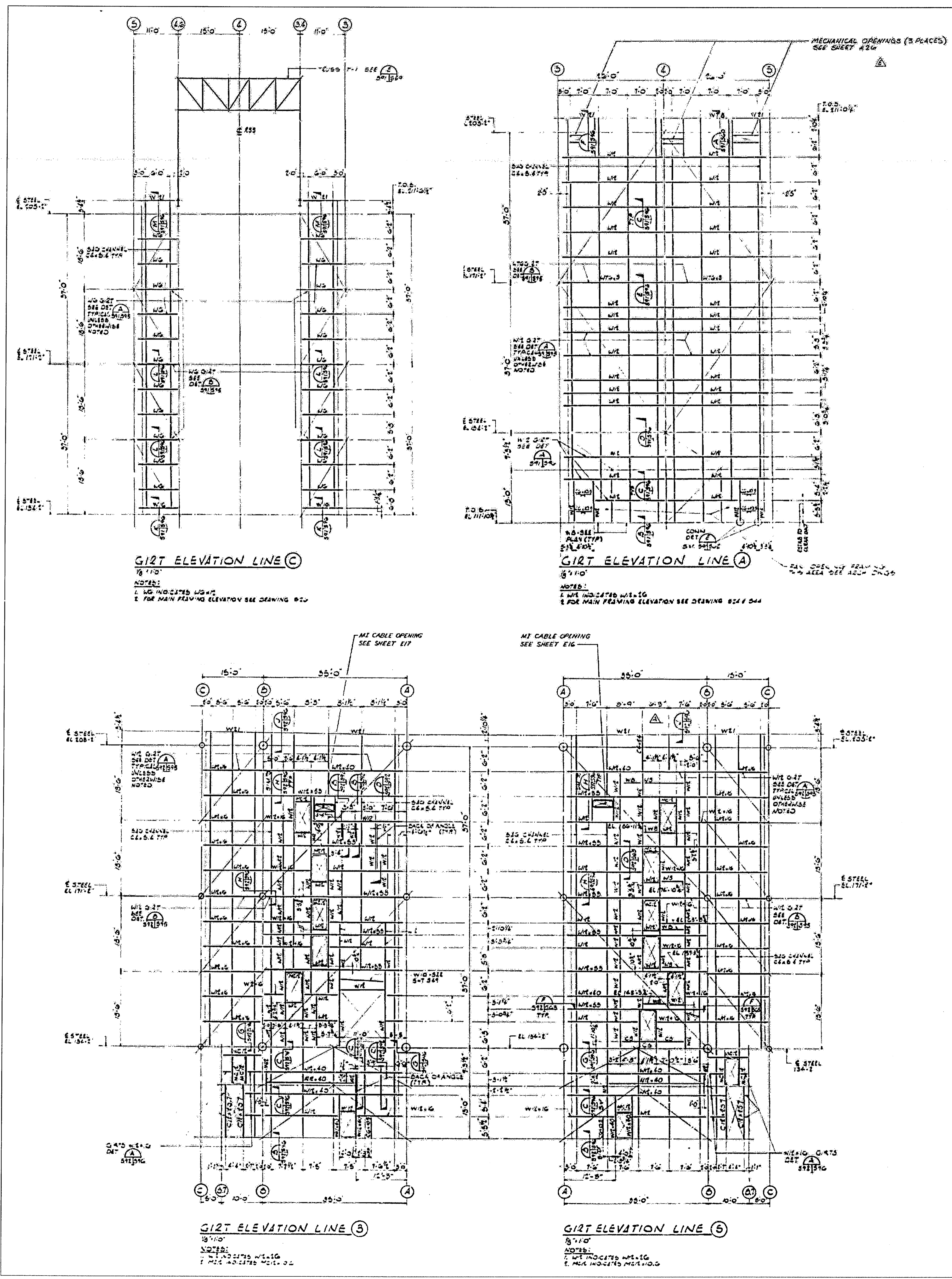
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED NP	6/24/09	
APPROVED <i>[Signature]</i>	6/24/09	

LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ET GOX VENT LOWER HINGE PLATFORM PLAN & DETAILS

S59	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 74	


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PCR FRAMING ELEVATIONS
 NTS - SOURCE FILE 79K14110 SHEETS 162 & 163

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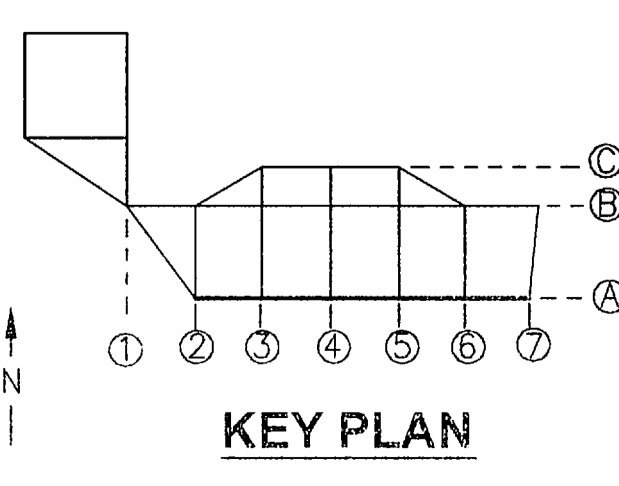


JONES EDMUNDS

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

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE PCR FRAMING ELEVATIONS
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED [Signature]	6/24/09	

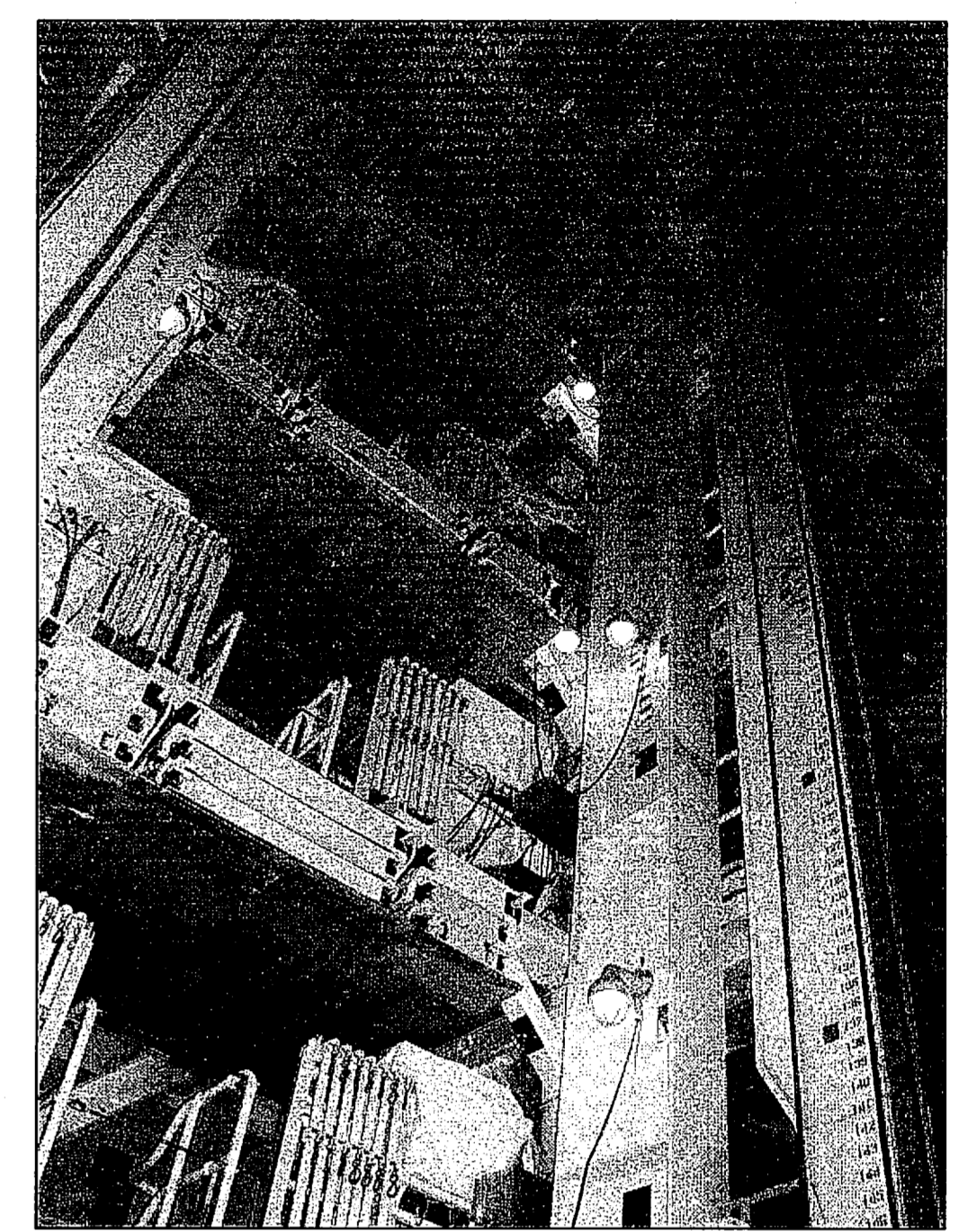
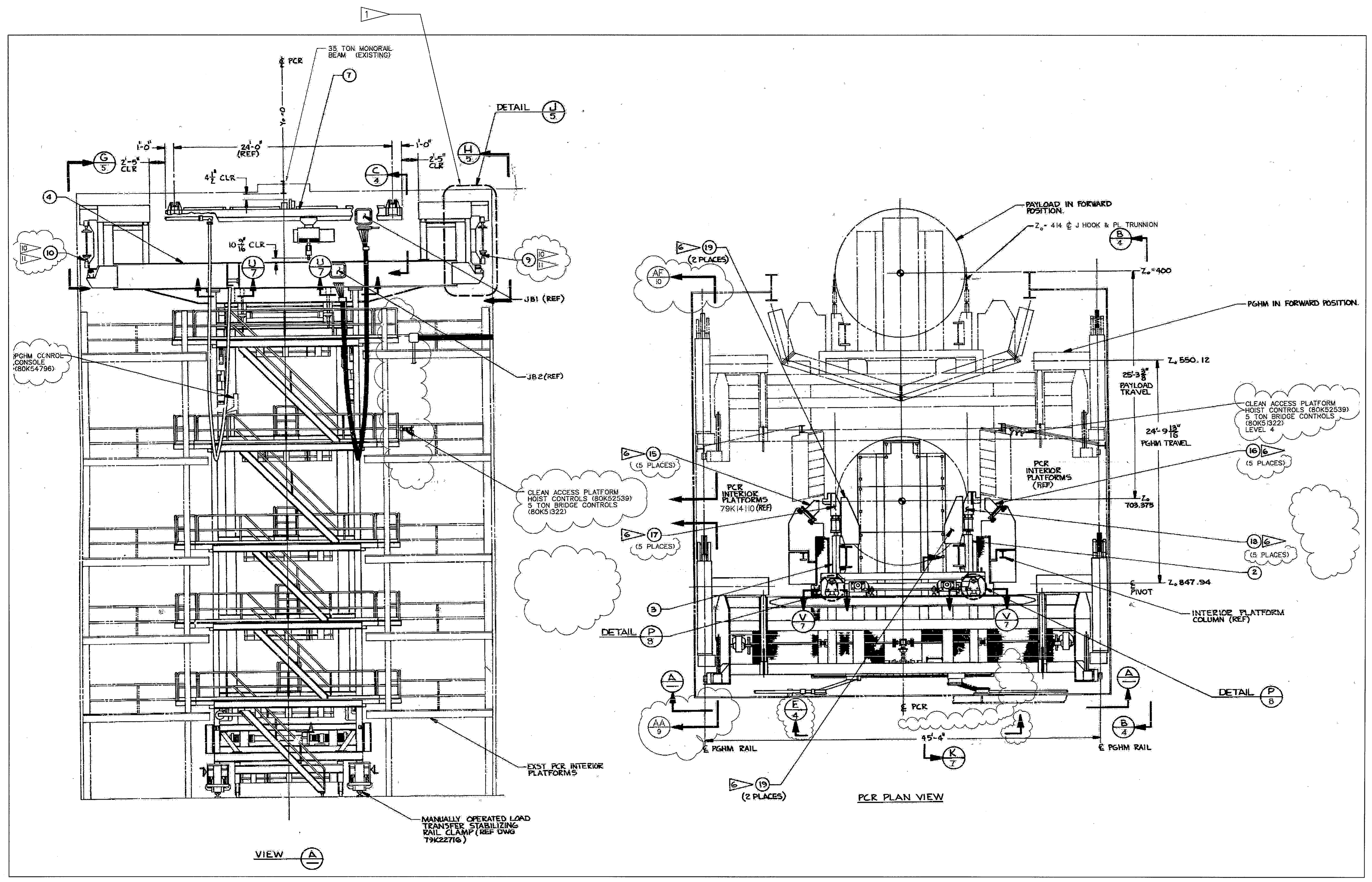
APPROVED [Signature]	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 75	



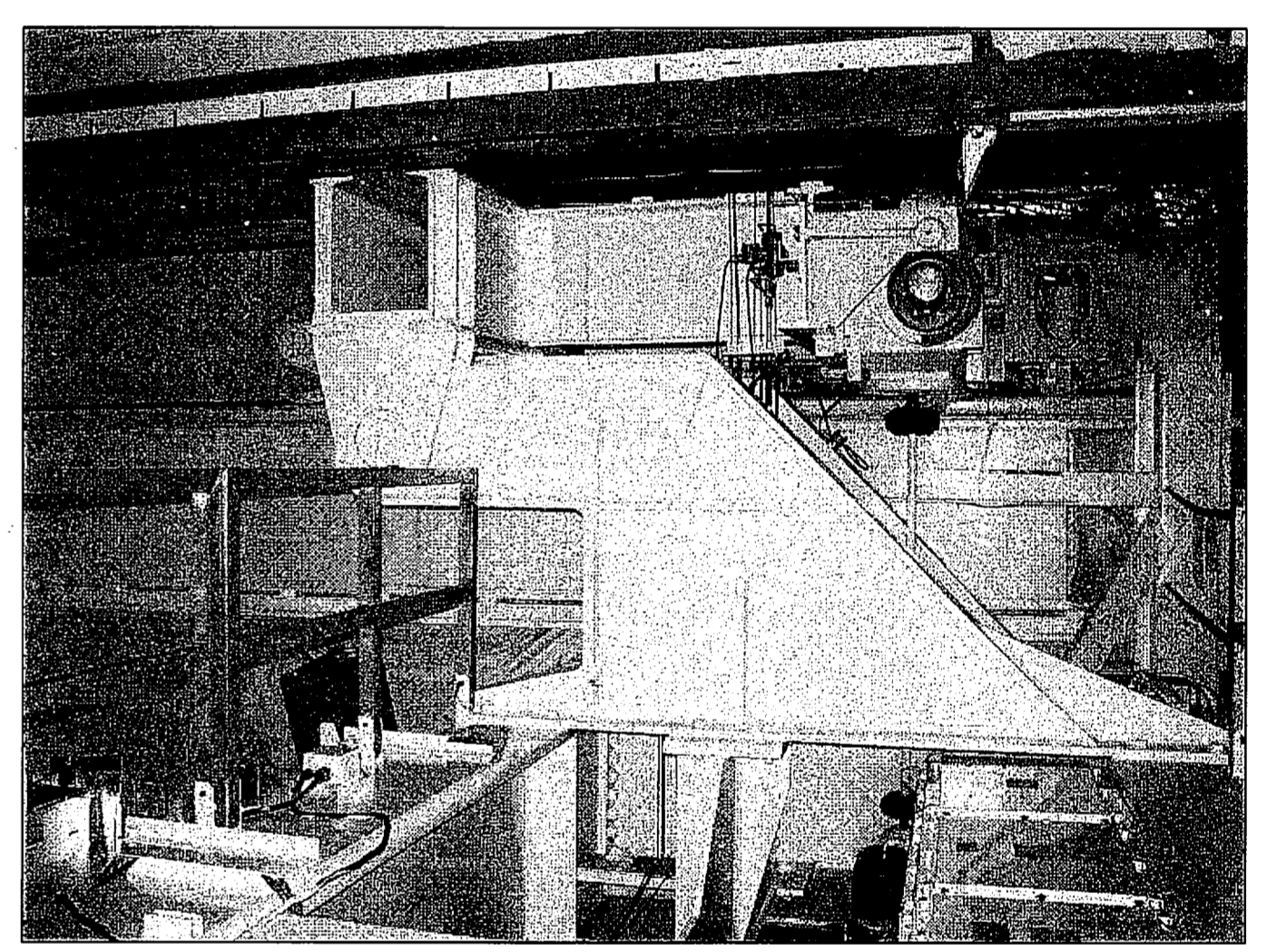
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FLAG NOTES

▶ PGHM SUPPORT



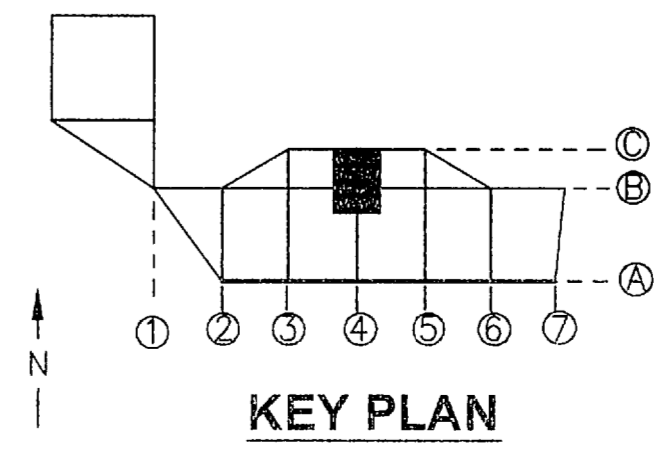
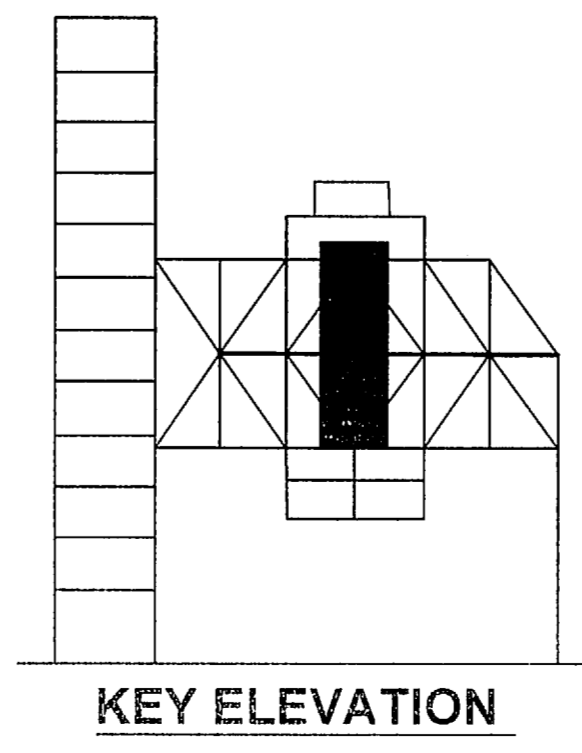
PGHM FROM PCR FLOOR
(LOOKING UP FROM PCR FLOOR)



PGHM SUPPORT AND RUNWAY
(FROM PGHM ROOF)

PGHM PLAN AND ELEVATION

NTS - SOURCE FILE 79K24500 SHEET 3 OF 10



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REVISIONS				
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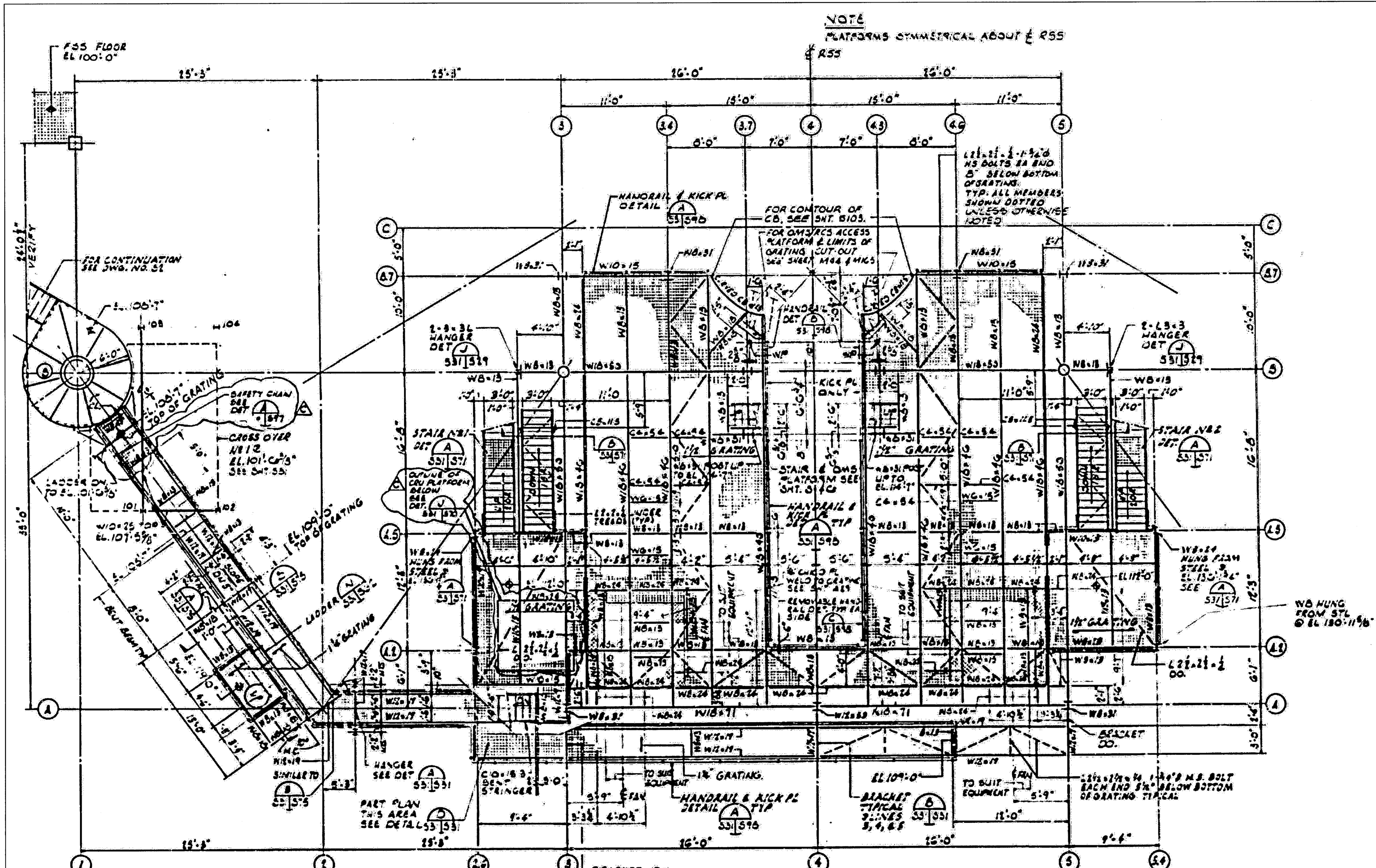


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE PGHM PLAN AND ELEVATION
DRAWN		
CHECKED		
DESIGNED		
SUBMITTED		

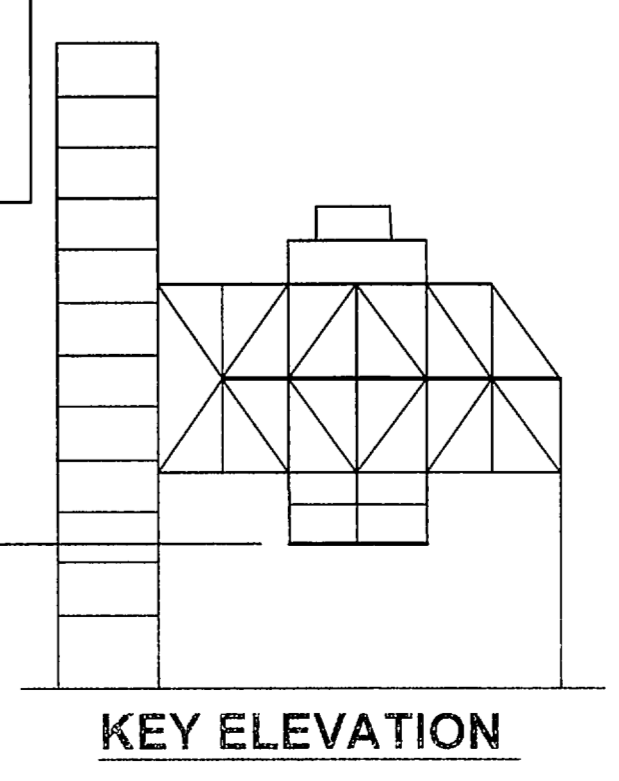
APPROVED	DATE	SIZE	DWG. NO.	REV
S61	6/24/09	F	222W2200001	
TITLE	PROJ. NO.	SHEET 76		
	98580			

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FRAMING PLAN - APS SERVICING PLATFORM - EL 112'-0"
 8/16'-11'-0"
 NOTE:
 1 FRAMING PLAN TITLE EL SHOWN AT TOP OF FINISH FLOOR/PLATE OR GRATING AS NOTED ON PLAN; BETWEEN COL LINES (1) & (2) AND (3) & (4); TOP OF STEEL EL IS BOTTOM OF GRATING (TYP EXCEPT WHERE OTHERWISE SHOWN OR NOTED); OUTSIDE THIS AREA FINISH FLOOR (PL OR GRATING AS NOTED) EL VARIES; TOP OF STEEL IS BOTTOM OF GRATING; SEE PLAN FOR EL OF FIN FLOOR AND PL AND/OR GRATING THICKNESS
 2 DIMENS ON SHOWN IN PARENTHESIS WITH MEMBER SIZE (WB-18'-0'-5") DENOTES TOP OF MEMBER TO BE 5" (OR AS NOTED) BELOW FIN FLOOR
 3 NC = MOMENT CONNECTION, SEE DETAILS SNT 599
 4 FOR TYPICAL STRUCTURAL DETAILS SEE SNT 590
 5 ALL GRATING BOUNDED BY COLUMN LINES (1) - 2'-11", (2) - 2'-11", (3) & (4) - 2'-11" (NOT HAVING 1/2" COVER PLATE) SHALL BE REMOVABLE AND ATTACHED WITH STUCCO AND CLIPS AS SPECIFIED.

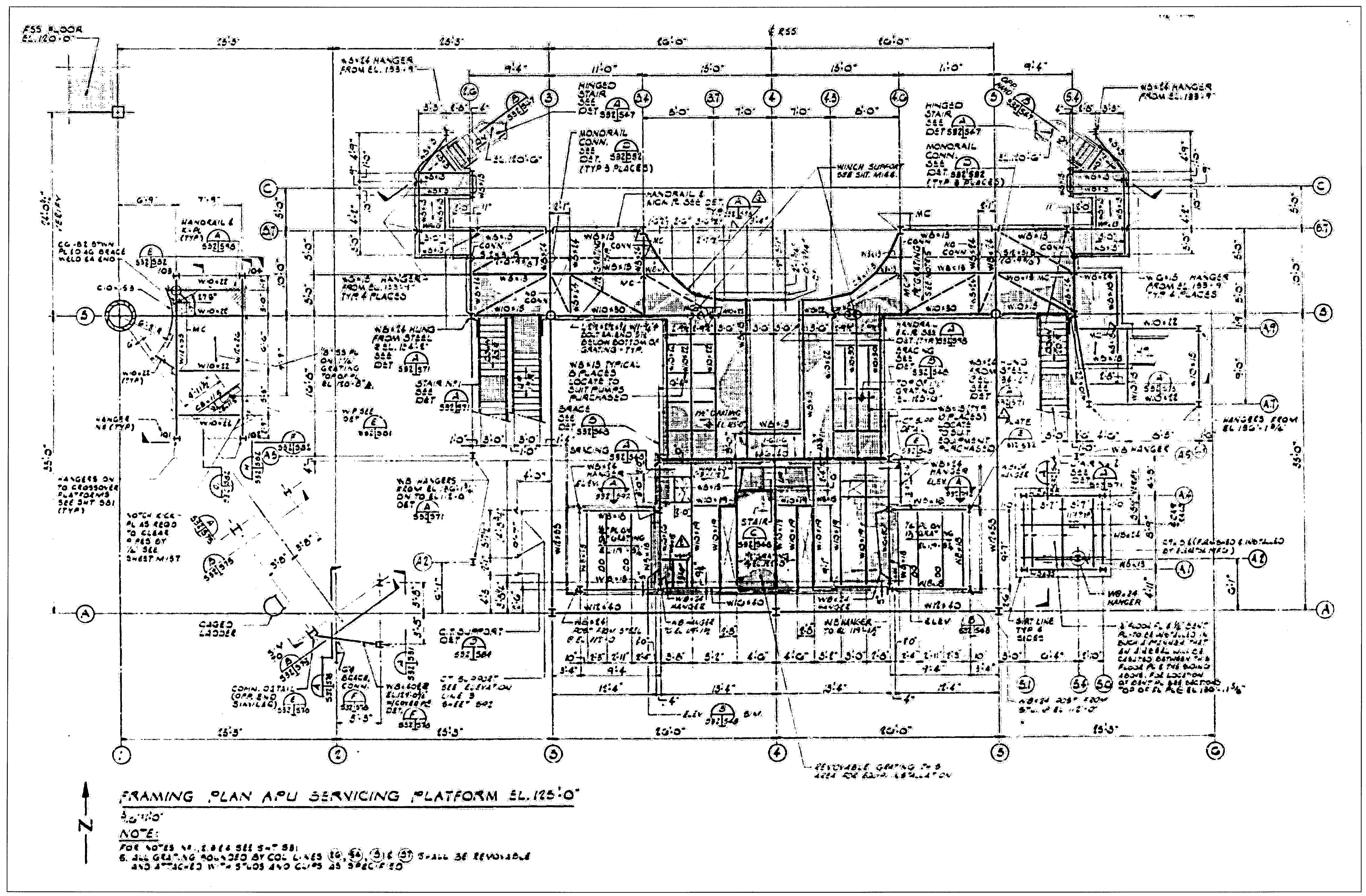
RSS FLOOR PLAN EL. 112 FT
 NTS - SOURCE FILE 79K14110 SHEET 105



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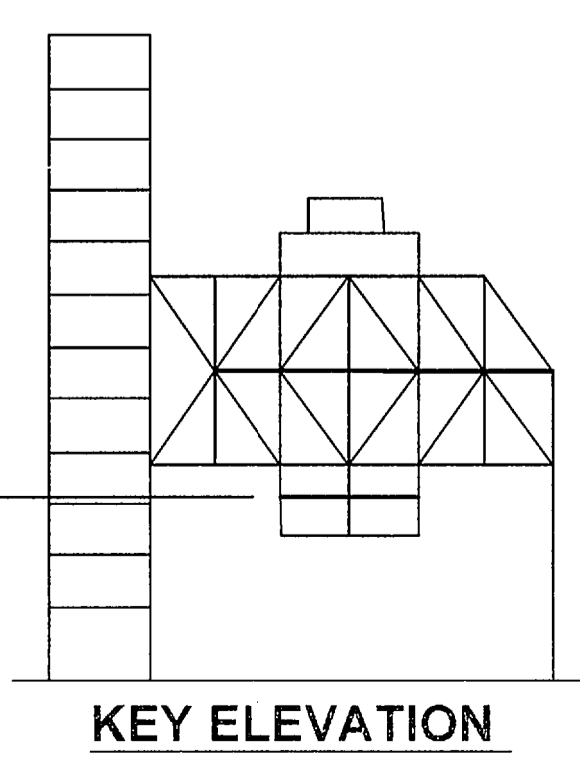
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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738 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED J. NP		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		06/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	REV
RSS FLOOR PLAN EL. 112.0 FT		98580	77	

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FRAMING PLAN APU SERVICING PLATFORM EL. 125.0'
 3/24/09
 NOTE:
 1. FOR NOTES NO. 1 & 4 SEE S-788
 2. ALL GRADING ASSUMED BY COL. LINES (6), (8), (10) & (12) SHALL BE REMOVABLE AND INDICATED WITH 5'-0" DIA. CIRCLES AS SPECIFIED

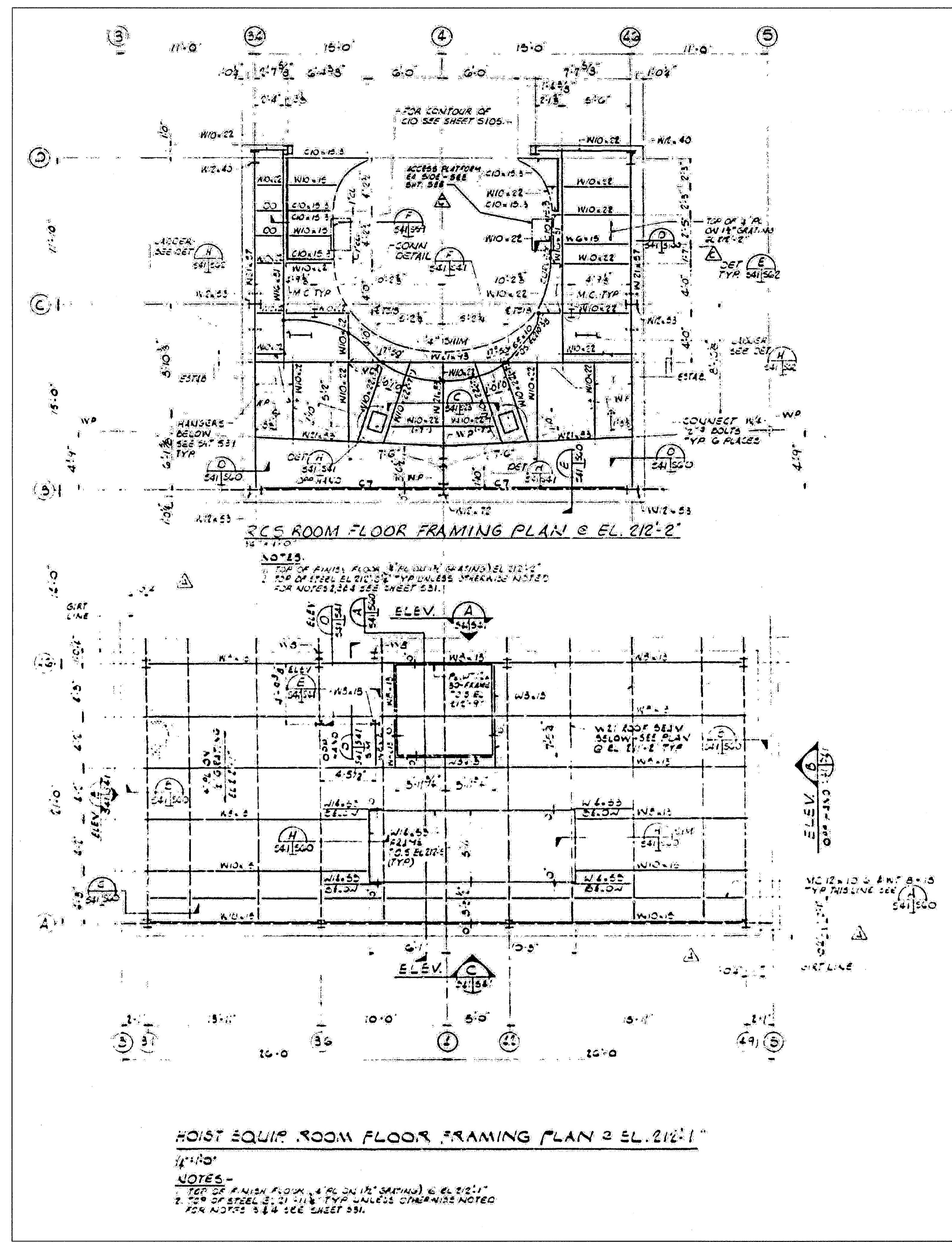
RSS FLOOR PLAN EL. 125 FT
 NTS - SOURCE FILE 79K14110 SHEET 106



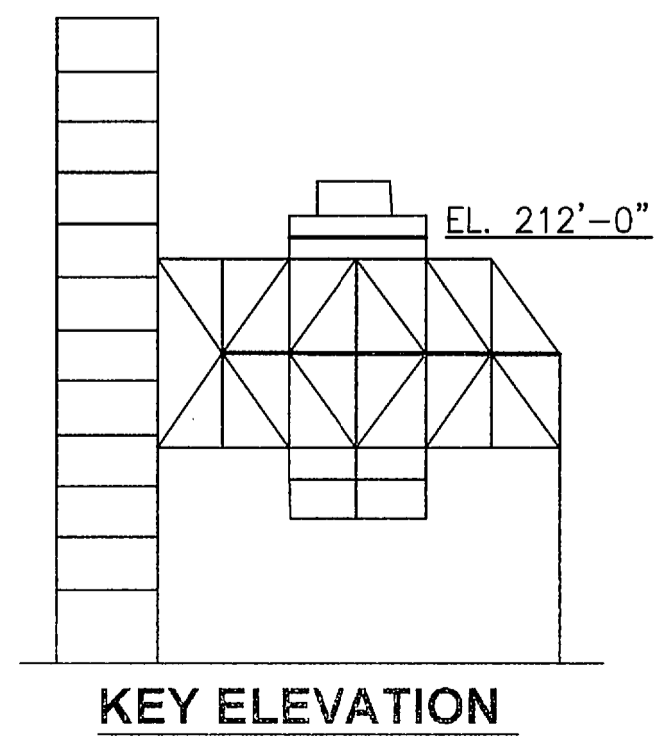
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REVISIONS				
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SIGNATURES		DATE		
DRAWN	S. HAFERKAMP	06/24/09	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED	N. PONTILLO	06/24/09	RSS FLOOR PLAN EL. 125.0 FT	
SUBMITTED	MP	6/24/09		
APPROVED	[Signature]	DATE	SIZE	DWG. NO.
			F	222W2200001
TITLE		PROJ. NO.	SHEET	REV
S63		98580	78	

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RCS ROOM AND HOIST EQUIPMENT ROOM FLOOR PLANS
 NTS - SOURCE FILE 79K14110 SHEET 115



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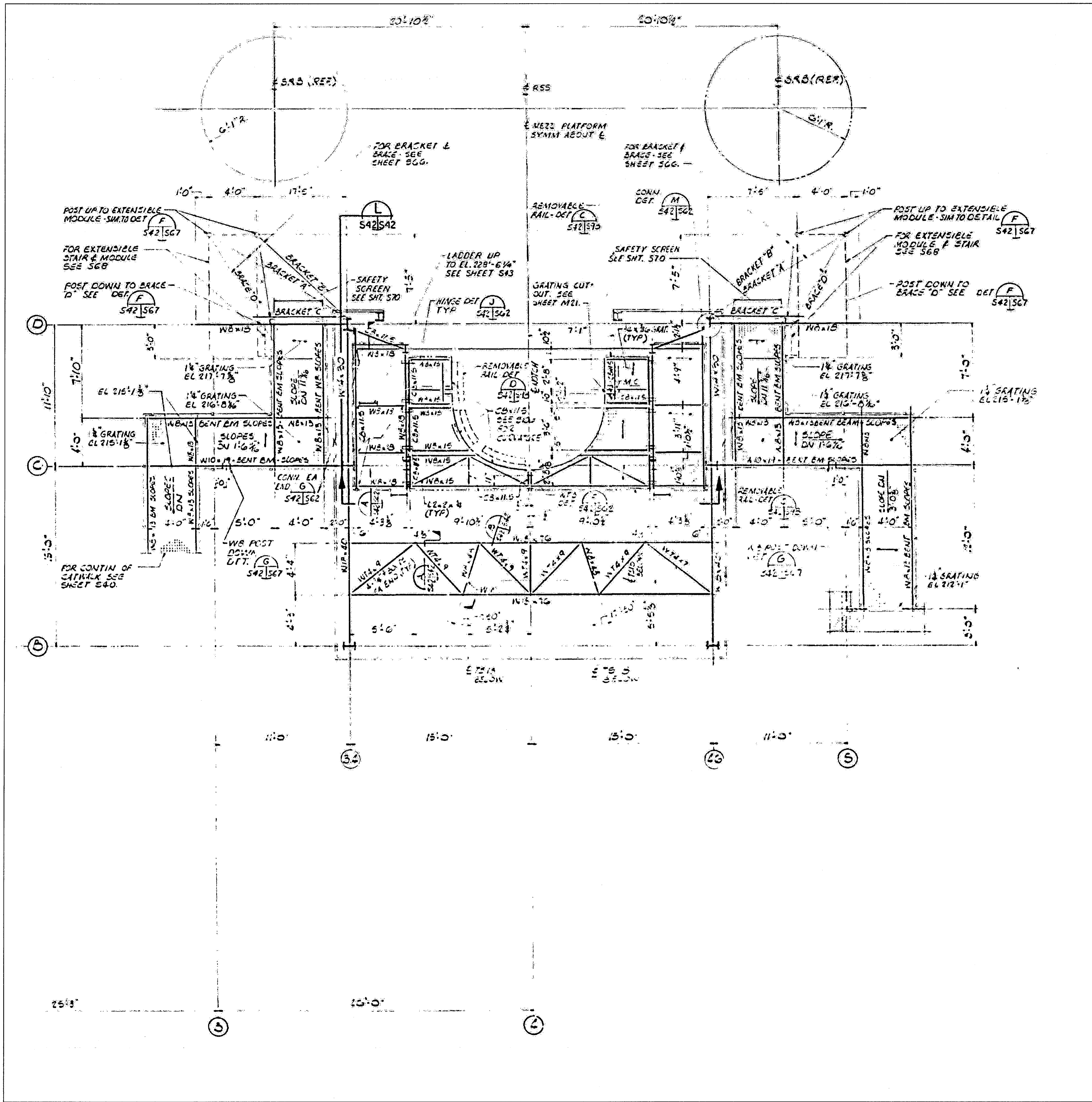
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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JONES EDMUNDS
 730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

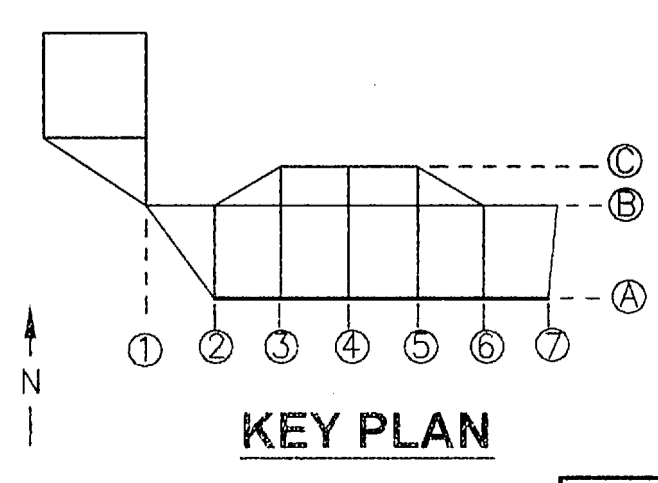
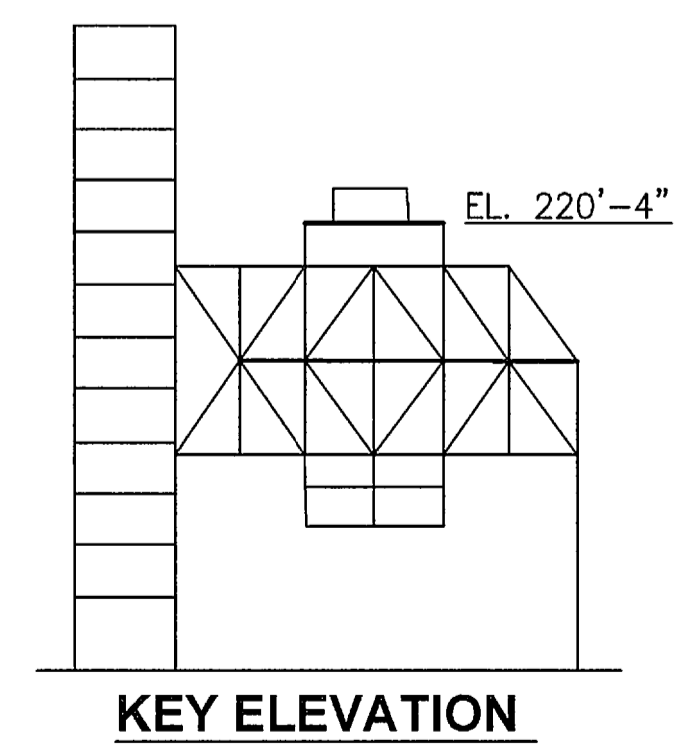
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE RCS ROOM AND HOIST EQUIPMENT ROOM FLOOR PLANS		
DRAWN S. HAFERKAMP	06/24/09			
CHECKED S. BHIDE	06/24/09			
DESIGNED N. PONTILLO	06/24/09			
SUBMITTED NP	6/24/09			
APPROVED <i>[Signature]</i>	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV

S64
 PROJ. NO. 98580
 SHEET 79

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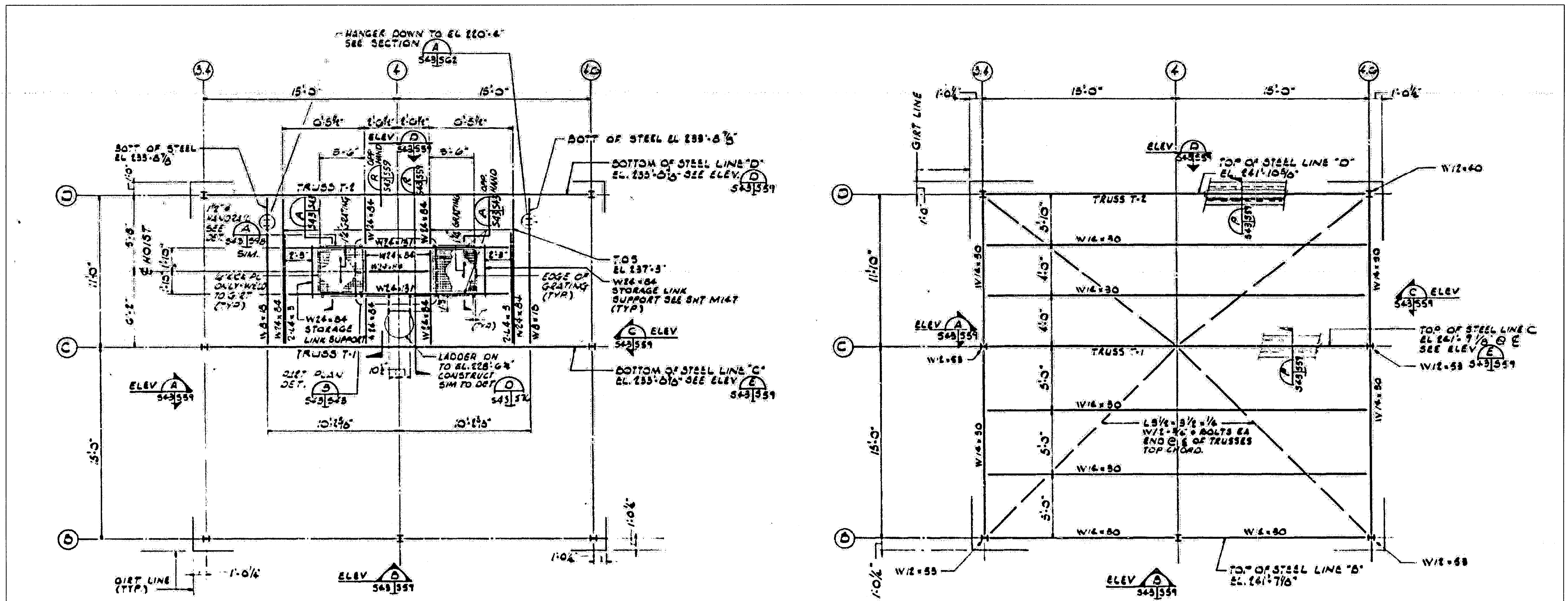


RSS FLOOR PLAN EL. 220 FT 4 IN
 NTS - SOURCE FILE 79K14110 SHEET 116



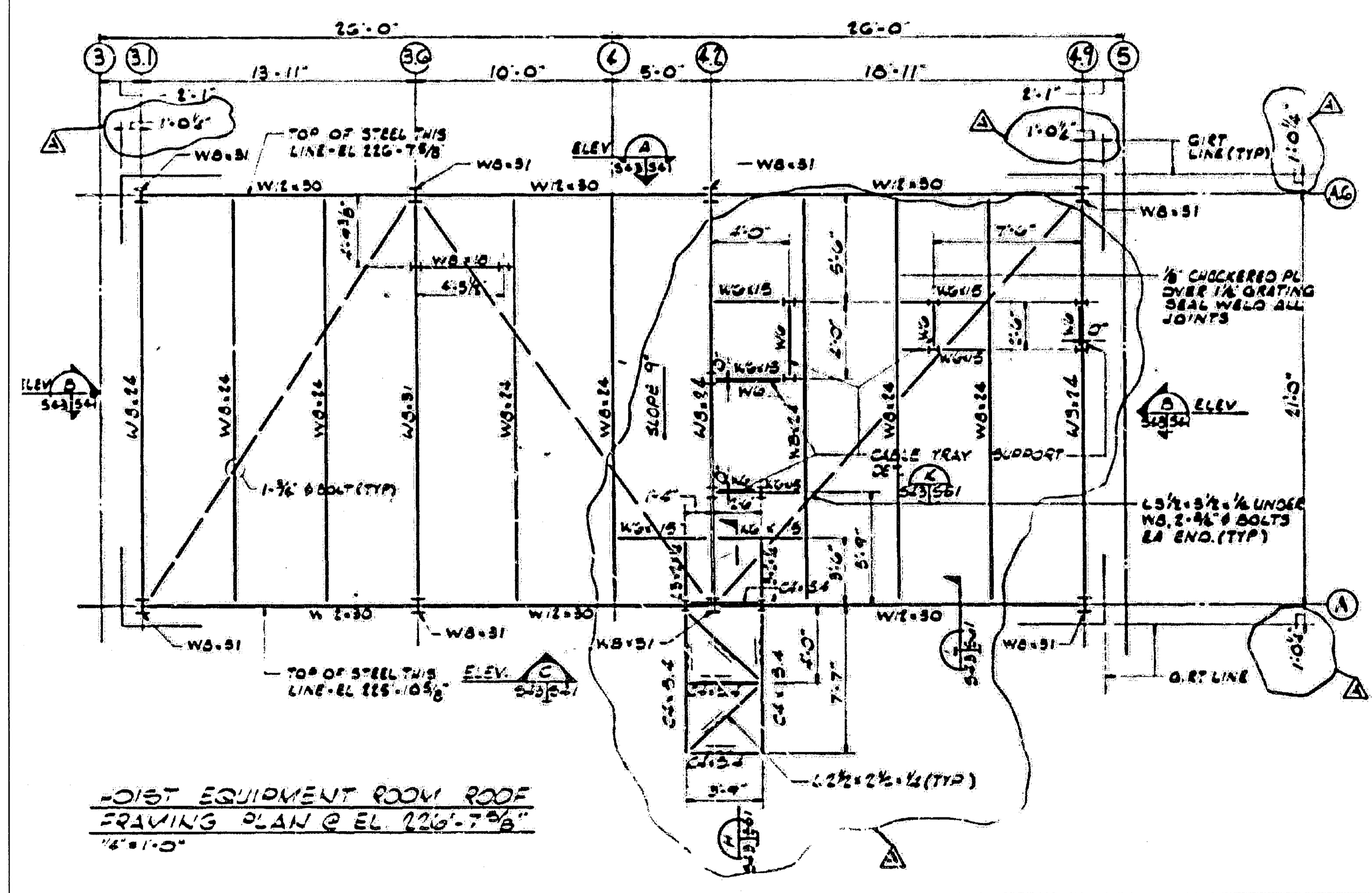
THIS SPACE RESERVED				
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S65.DWG				
 JONES EDMUNDS <small>730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950</small>				
SIGNATURES		DATE		
DRAWN		06/24/09		
S. HAFERKAMP				
CHECKED		06/24/09		
S. BHIDE				
DESIGNED		06/24/09		
N. PONTILLO				
SUBMITTED		6/24/09		
APPROVED		DATE		
[Signature]		6/24/09		
TITLE		SIZE	DWG. NO.	REV
S65		F	222W2200001	
PROJ. NO. 98580		SHEET 80		

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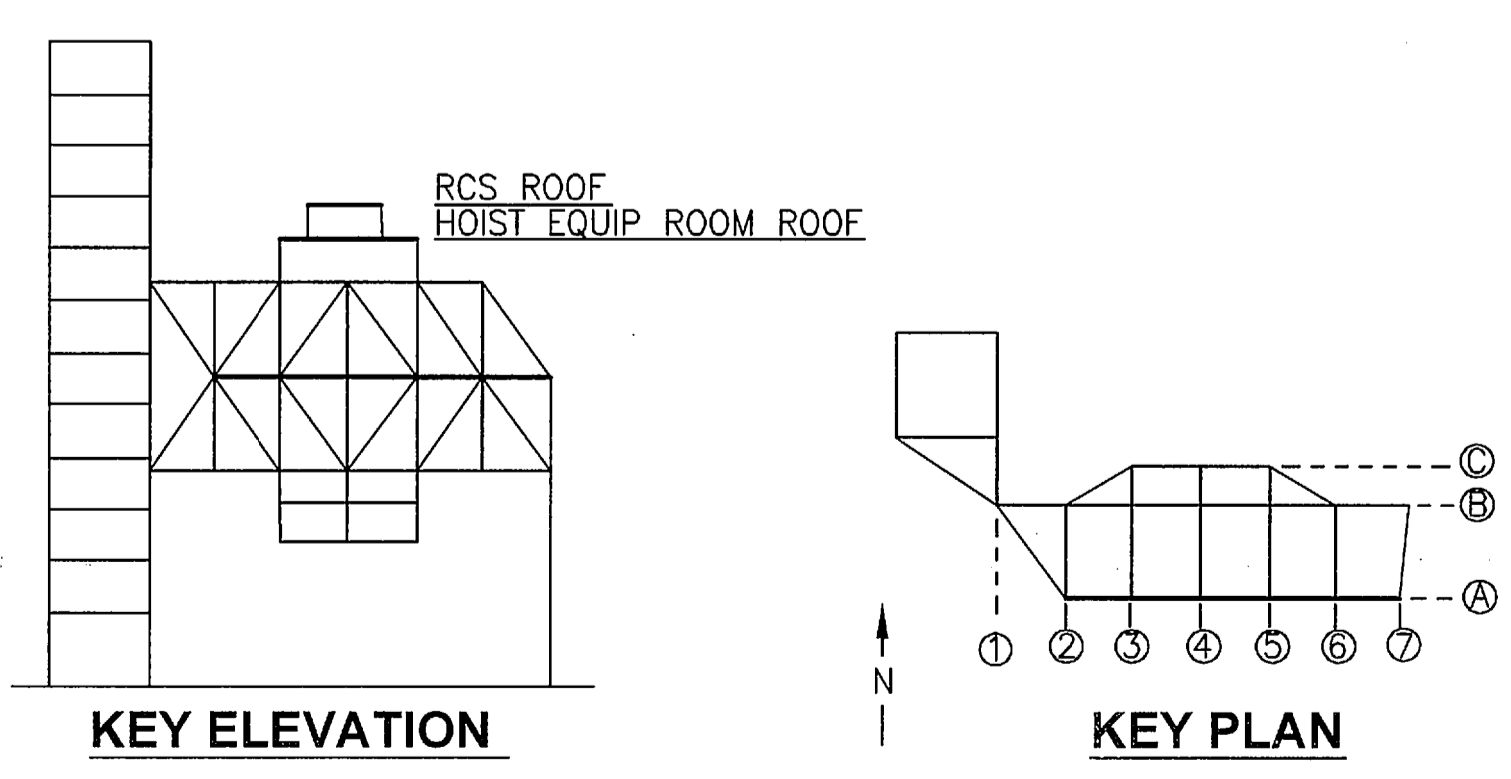


RCS ROOM ROOF FRAMING PLAN @ BOTTOM
CHORD OF TRUSSES EL. 235'-0 1/8"
4'-11 1/2"

RCS ROOM ROOF FRAMING PLAN @ TOP
CHORD OF TRUSSES EL. 241'-10 3/8"
4'-11 1/2"



HOIST EQUIPMENT ROOM ROOF FRAMING PLAN @ EL. 226'-7 3/8"
4'-11 1/2"



RCS AND HOIST EQUIPMENT ROOM ROOF PLANS

NTS - SOURCE FILE 79K14110 SHEET 117

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REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S66.DWG				

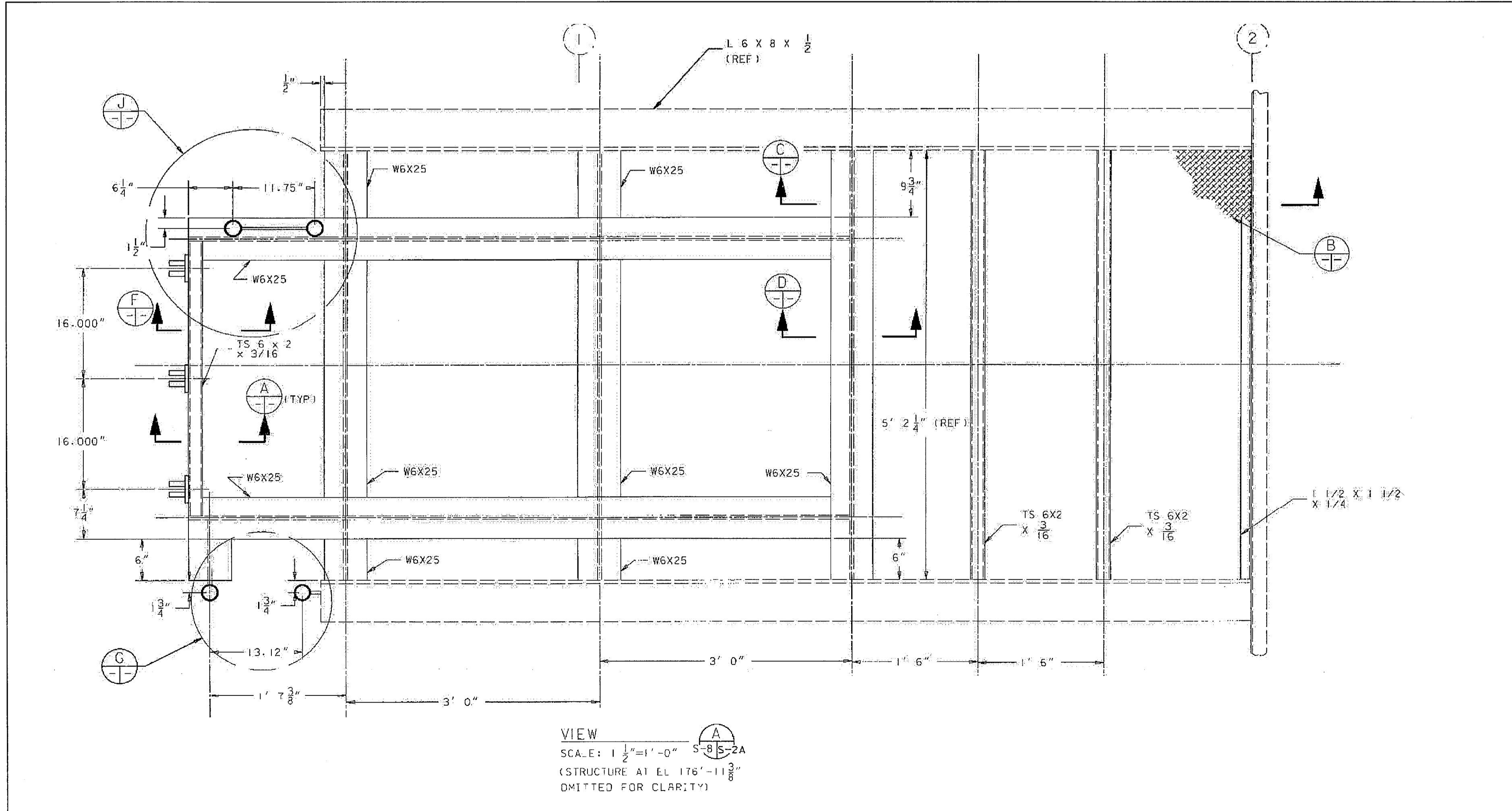
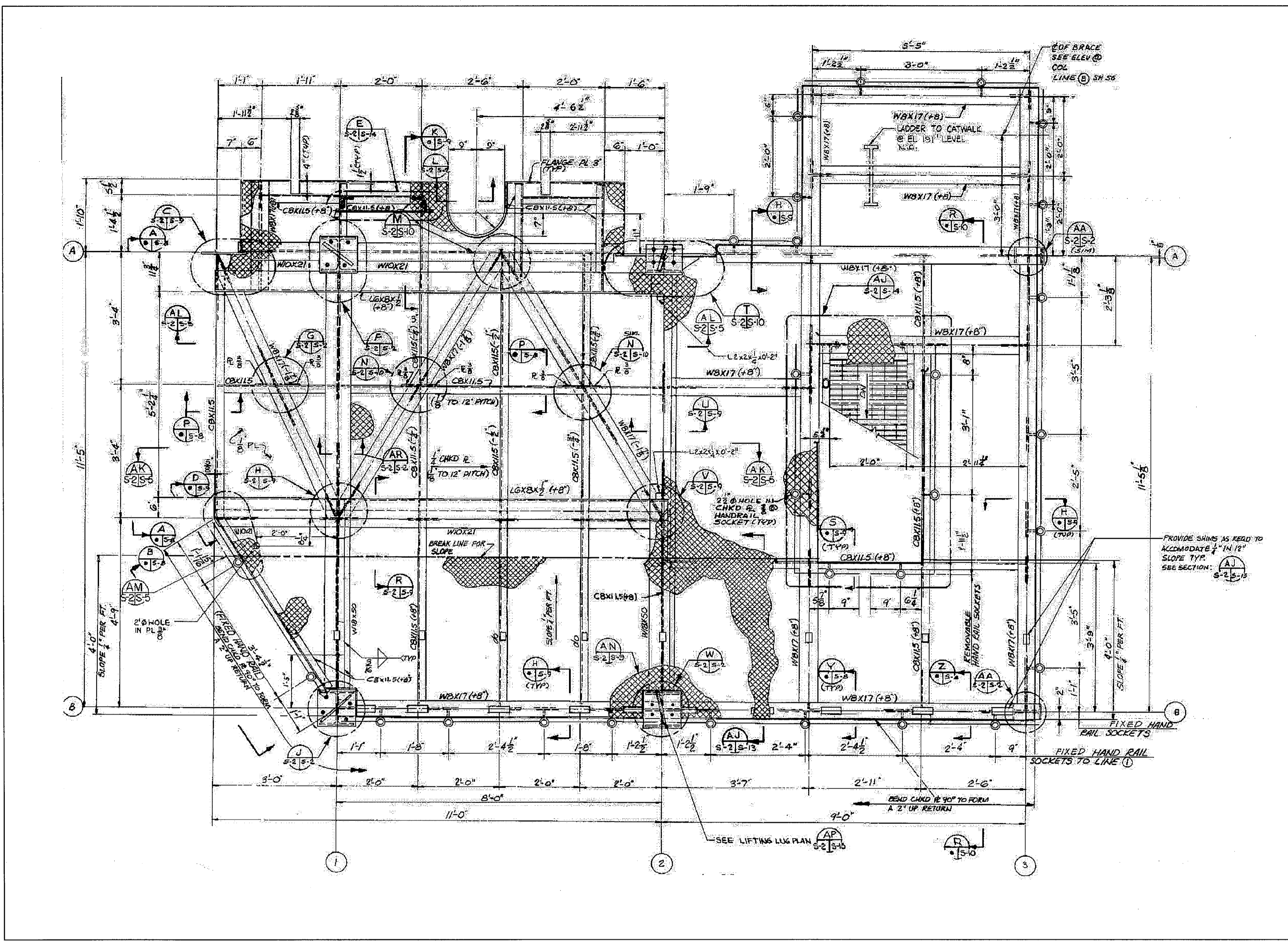


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3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE RCS AND HOIST EQUIPMENT ROOM ROOF PLANS
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED [Signature]	6/24/09	
SUBMITTED BY NS		

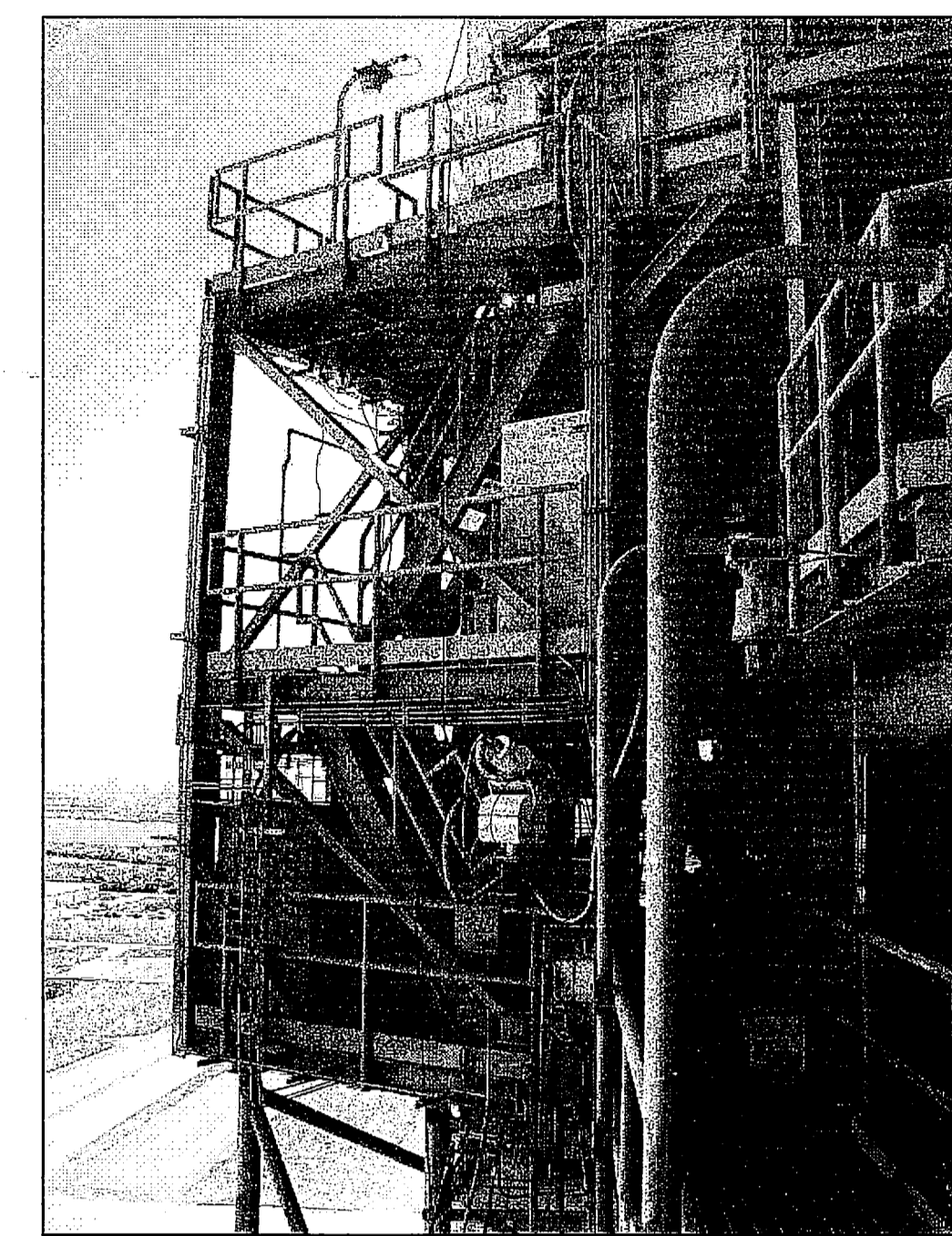
S66	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE			PROJ. NO. 98580	SHEET 81

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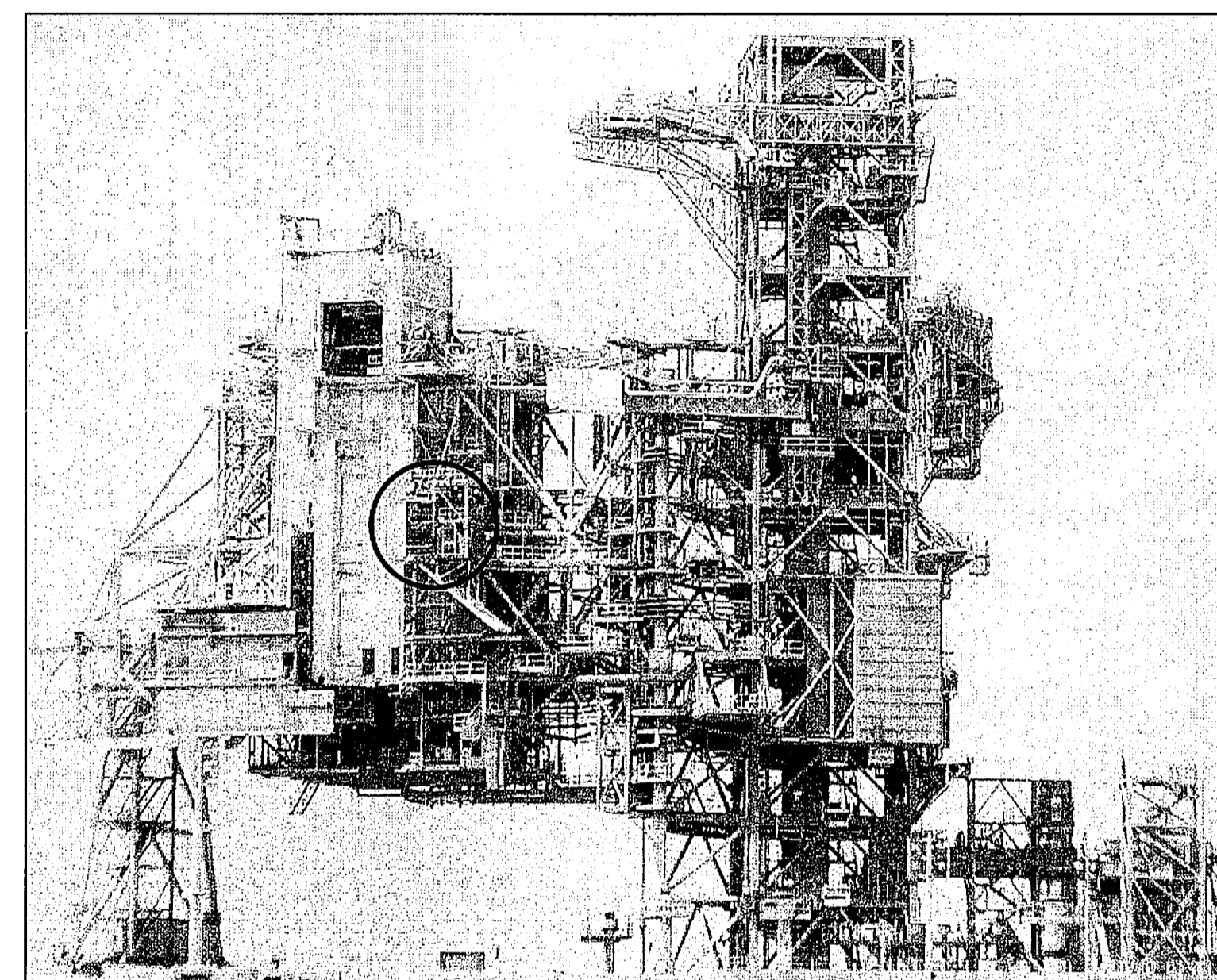


OMBU EL. 181'-11 3/8" PLAN AND SECTIONS

NTS - SOURCE FILE 79K05836 SHEET S2

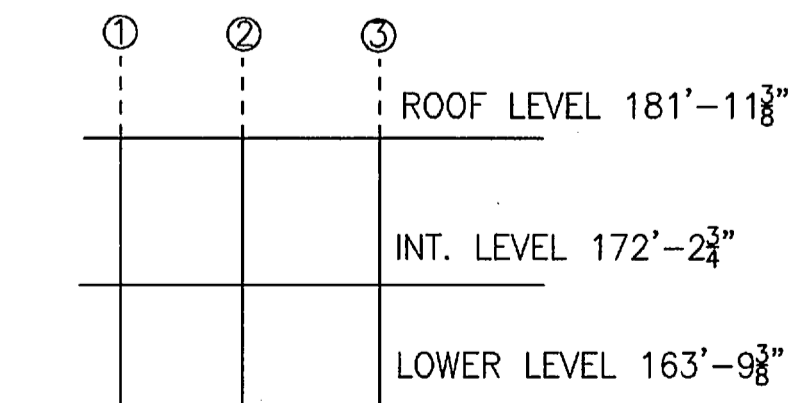


OMBUU
(LOOKING SOUTH FROM RSS WALKWAY)

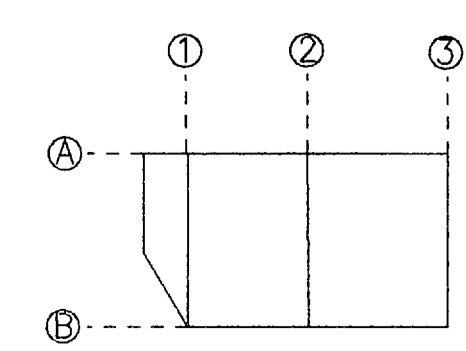


OMBUU

THIS SPACE RESERVED



KEY ELEVATION



KEY PLAN

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005005-S67.DWG				

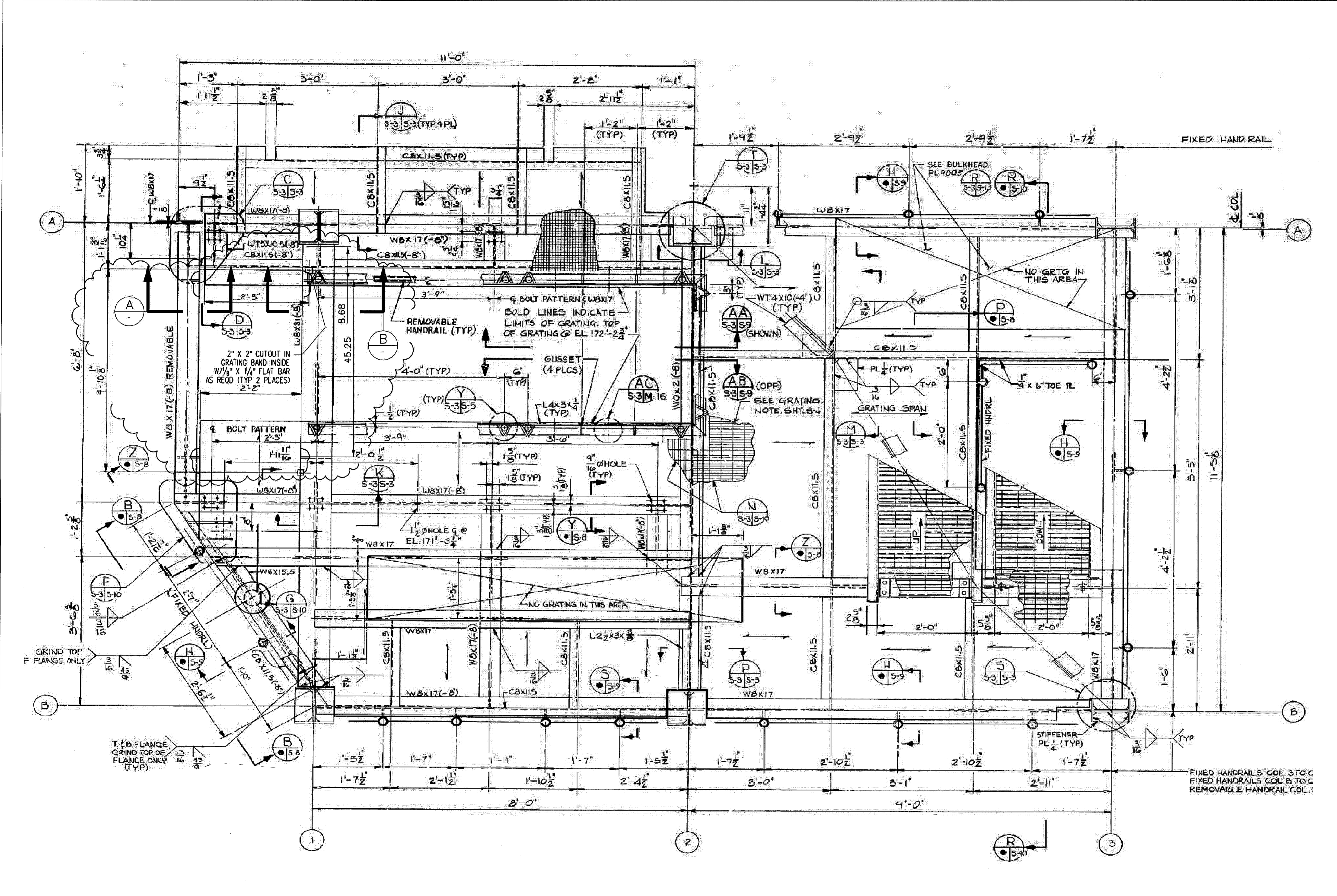


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

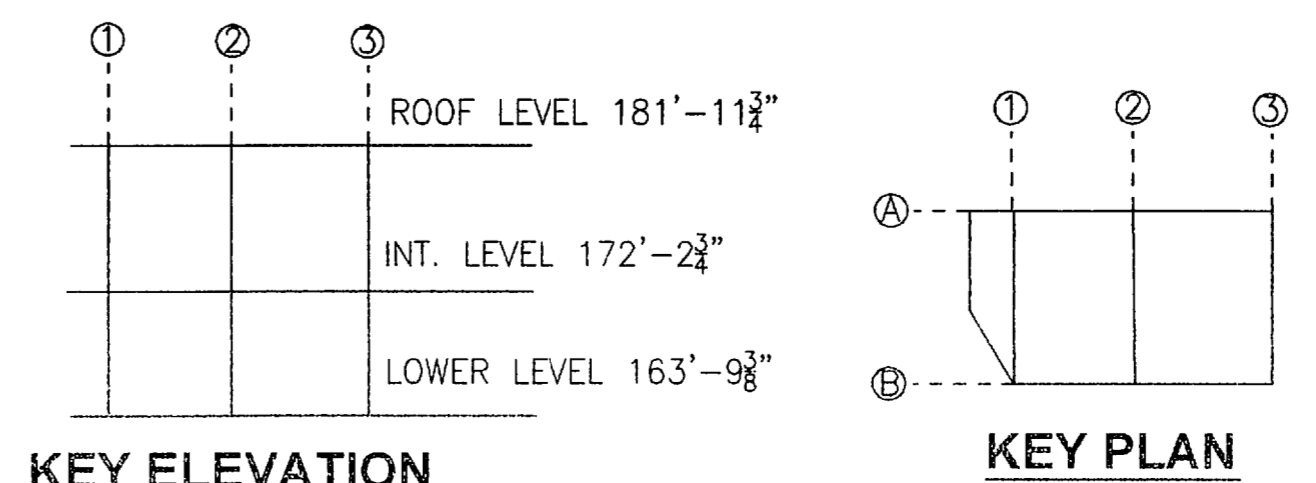
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE OMBUU ROOF PLAN AND SECTIONS
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED <i>[Signature]</i>	6/24/09	
SUBMITTED <i>[Signature]</i>		

S67	TITLE	DATE	SIZE	DWG. NO.	REV
			F	222W2200001	
PROJ. NO. 98580		SHEET 82			

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OMBUU EL 172'-2 3/4" PLAN
 NTS - SOURCE FILE 79K05836 SHEET S3



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: 14005006-S68.DWG				

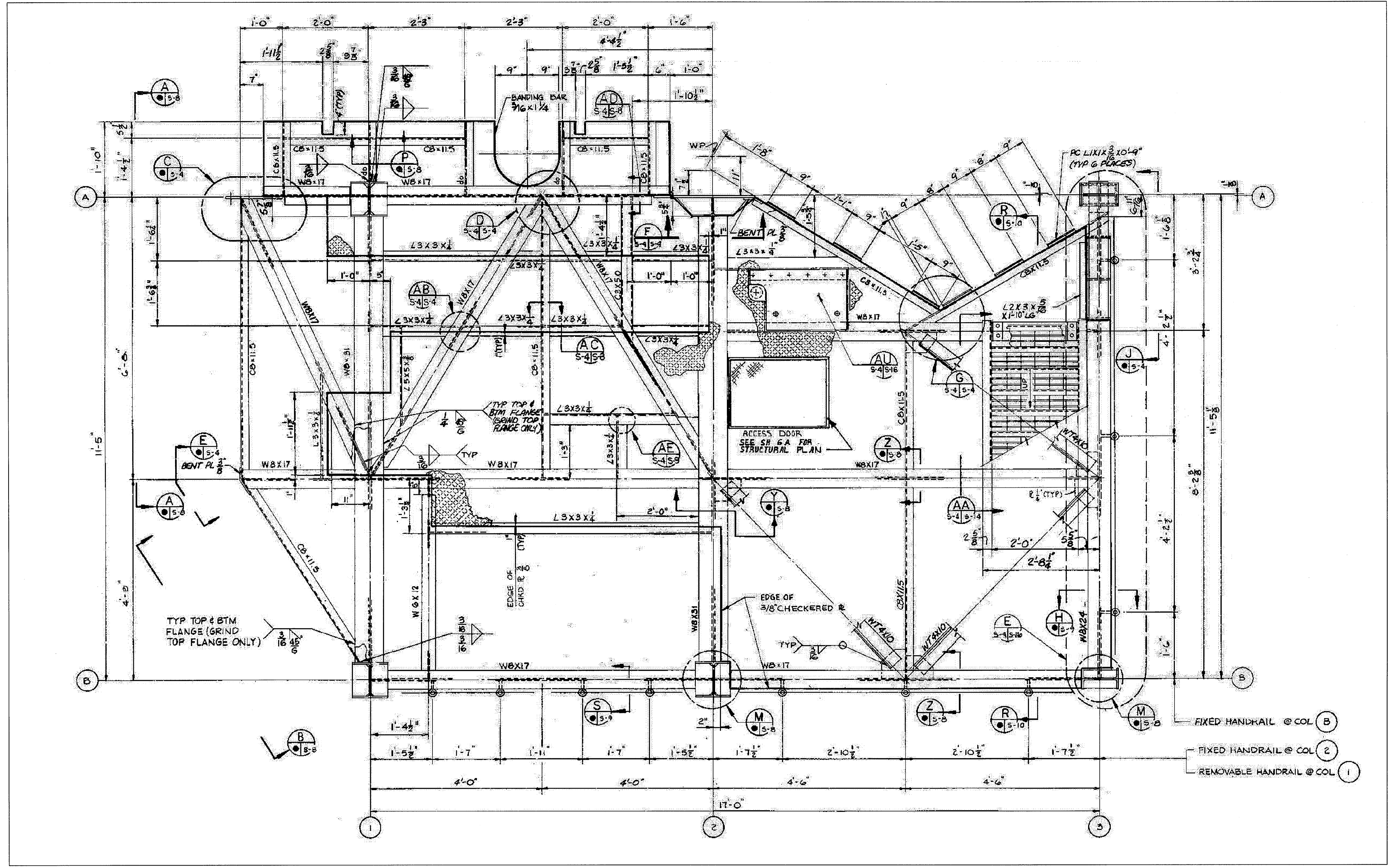


730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

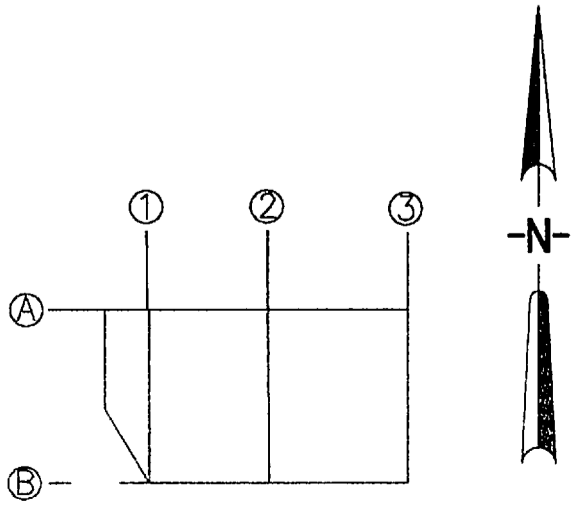
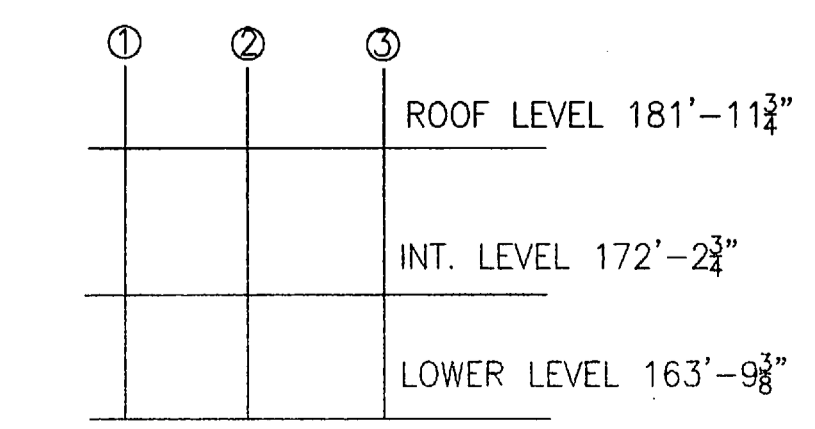
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE OMBUU INTERMEDIATE LEVEL PLAN
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED [Signature]	6/24/09	

S68	APPROVED	DATE	SIZE	DWG. NO.	REV
	[Signature]	6/24/09	F	222W2200001	
TITLE		PROJ. NO.	98580	SHEET 83	

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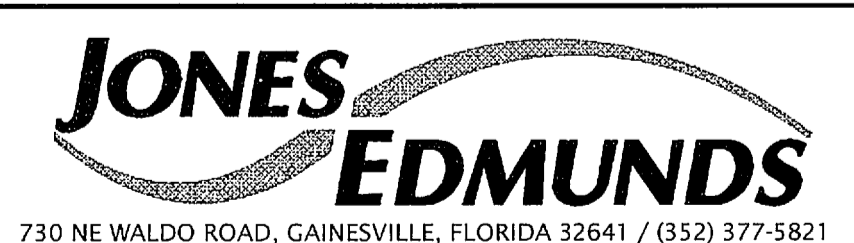


OMBUU EL. 163'-9 3/8" PLAN
 NTS - SOURCE FILE 79K05836 SHEET S4



THIS SPACE RESERVED

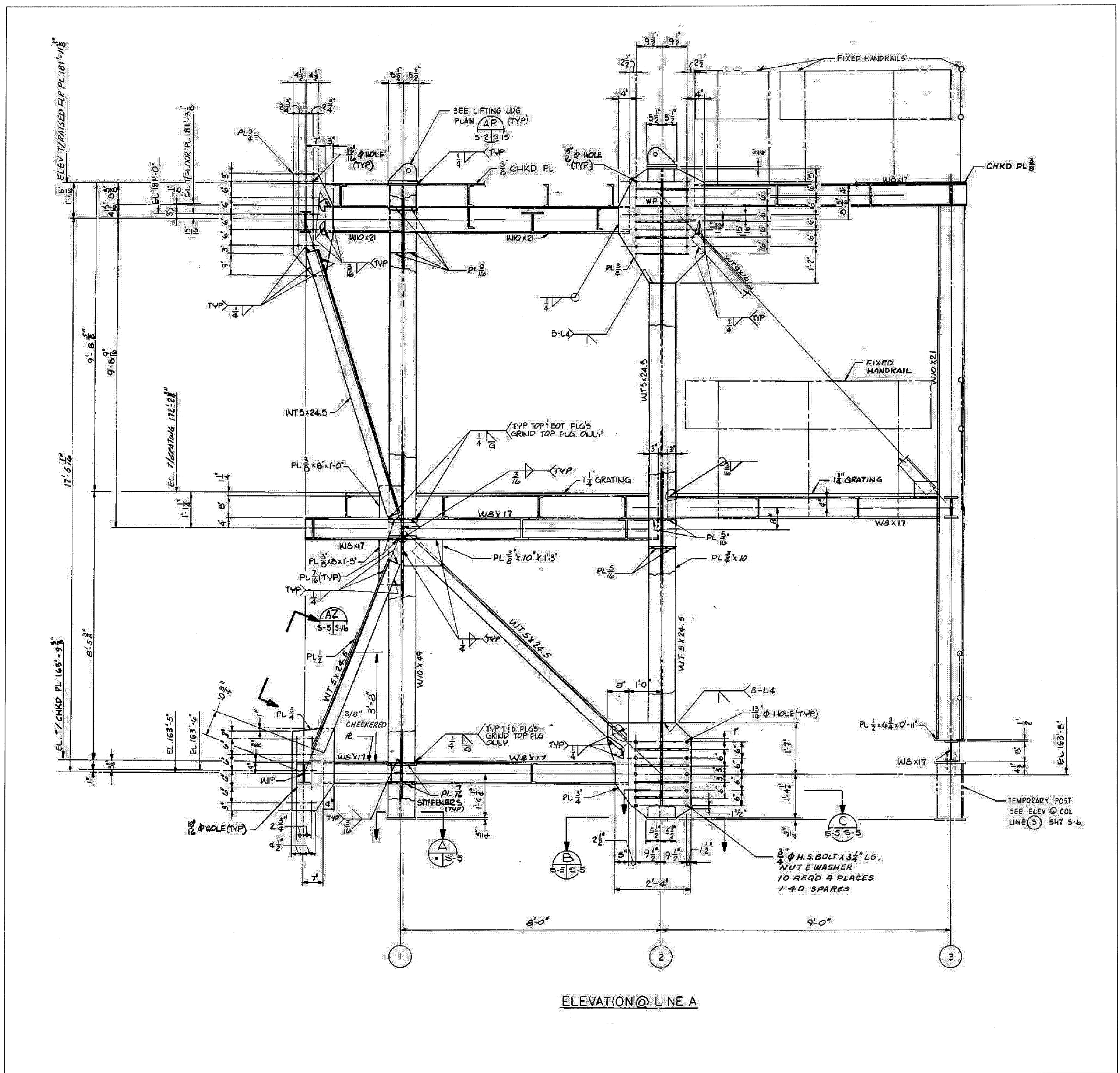
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED		06/24/09	OMBUU LOWER LEVEL PLAN	
SUBMITTED		6/24/09		
APPROVED	DATE	SIZE	DWG. NO.	REV
		F	222W2200001	
TITLE		PROJ. NO.	SHEET	84
		98580		

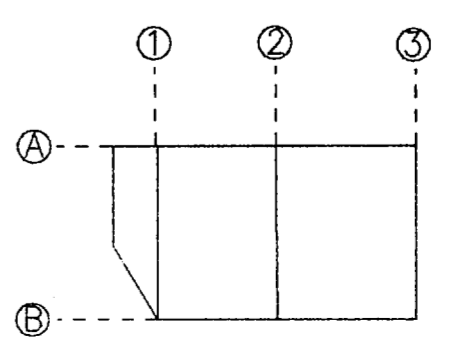
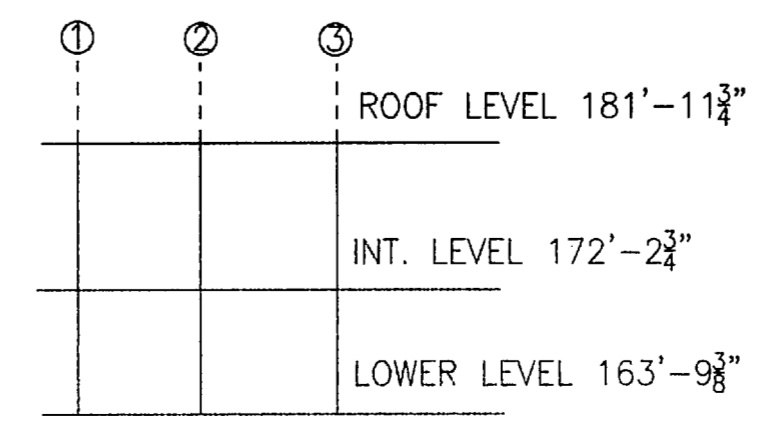
S69

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ELEVATION @ LINE A

OMBU ELEVATION LINE A
NTS - SOURCE FILE 79K05836 SHEET S5



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REVISIONS				
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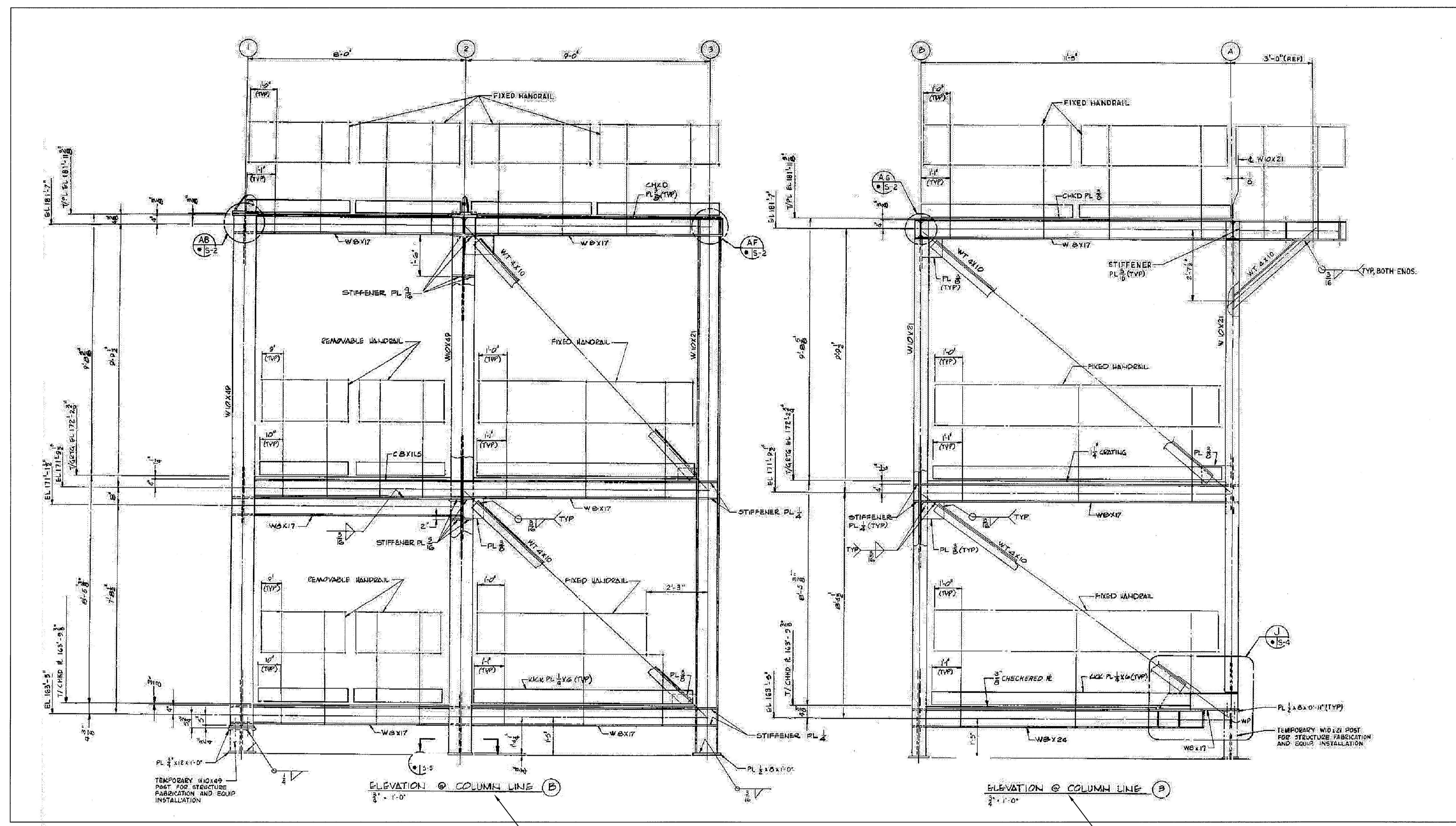
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE OMBU ELEVATION LINE A
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED <i>[Signature]</i>	6/24/09	
APPROVED <i>[Signature]</i>	DATE 6/24/09	SIZE F
		DWG. NO. 222W2200001
		PROJ. NO. 98580
		SHEET 85

S70

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FLAG NOTES

- 1 OMBUU ELEVATION LINE B.
- 2 OMBUU ELEVATION LINE 3.



OMBUU ELEVATION LINES B AND 3

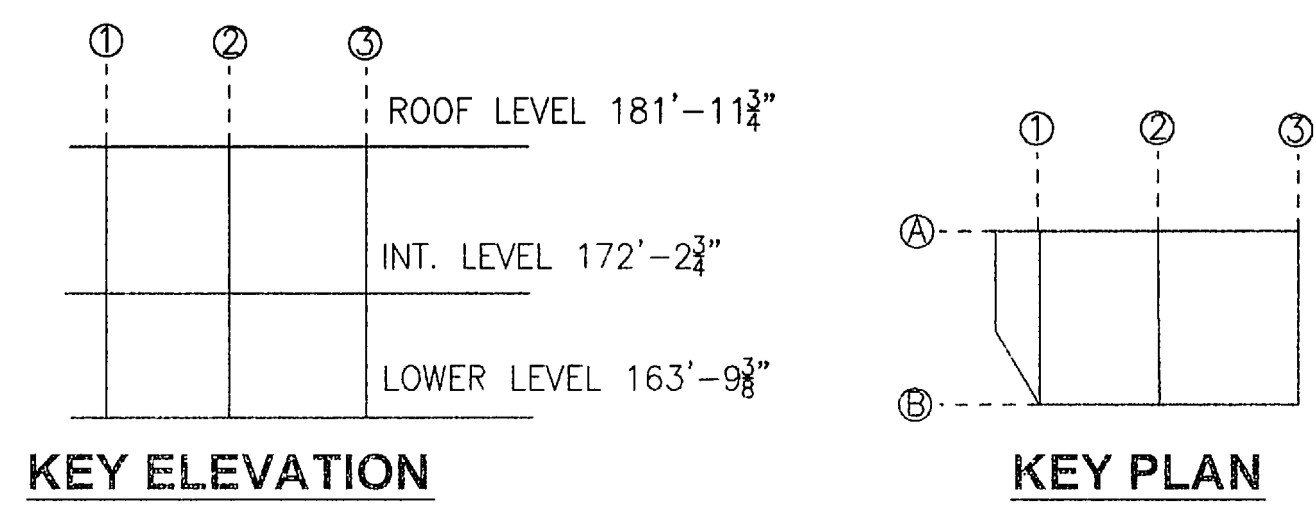
NTS - SOURCE FILE 79K05836 SHEET S6

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REVISIONS				
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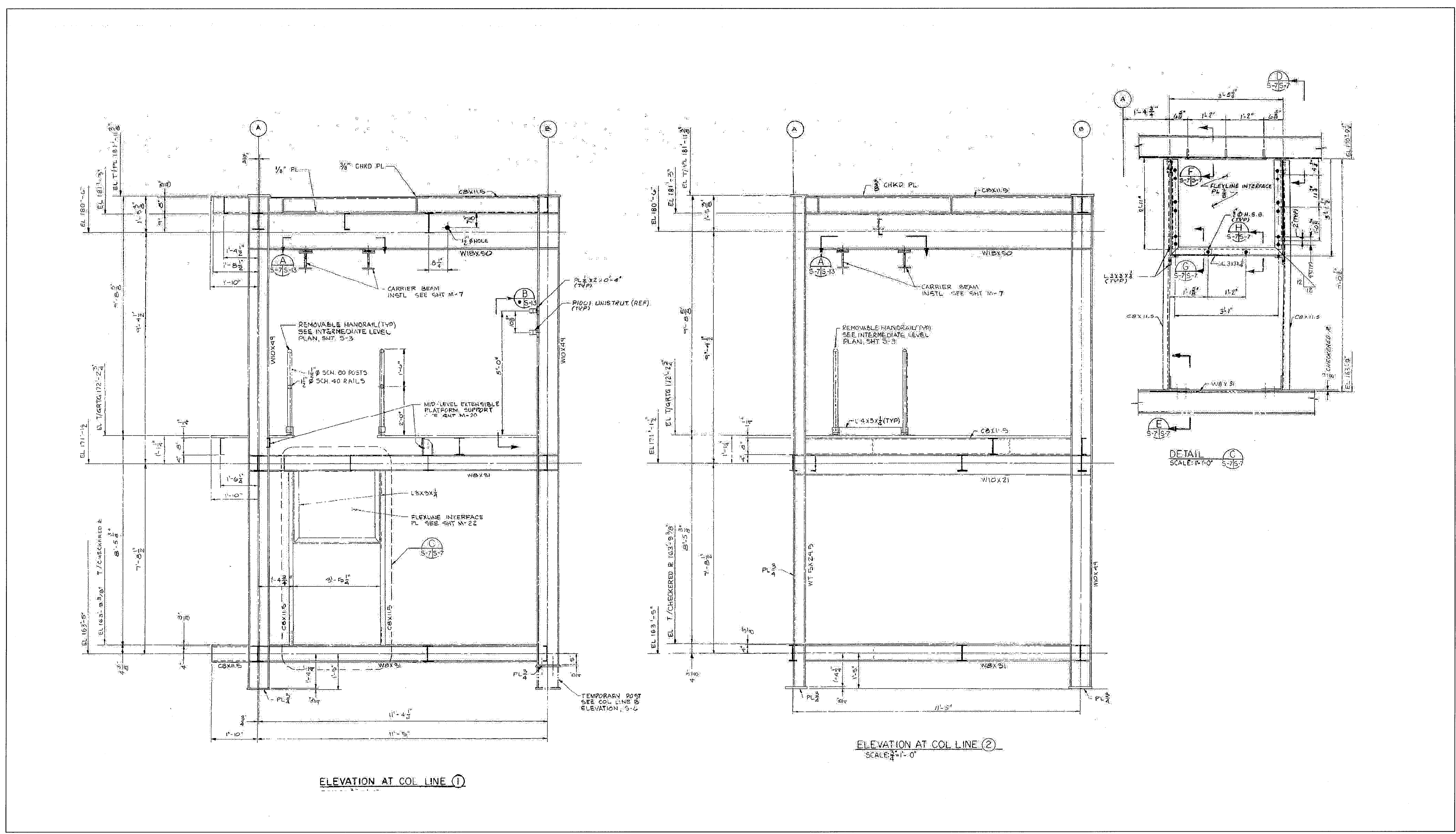


SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	OMBUU ELEVATION LINES B AND 3
APPROVED [Signature]	06/24/09	
SUBMITTED [Signature]	06/24/09	

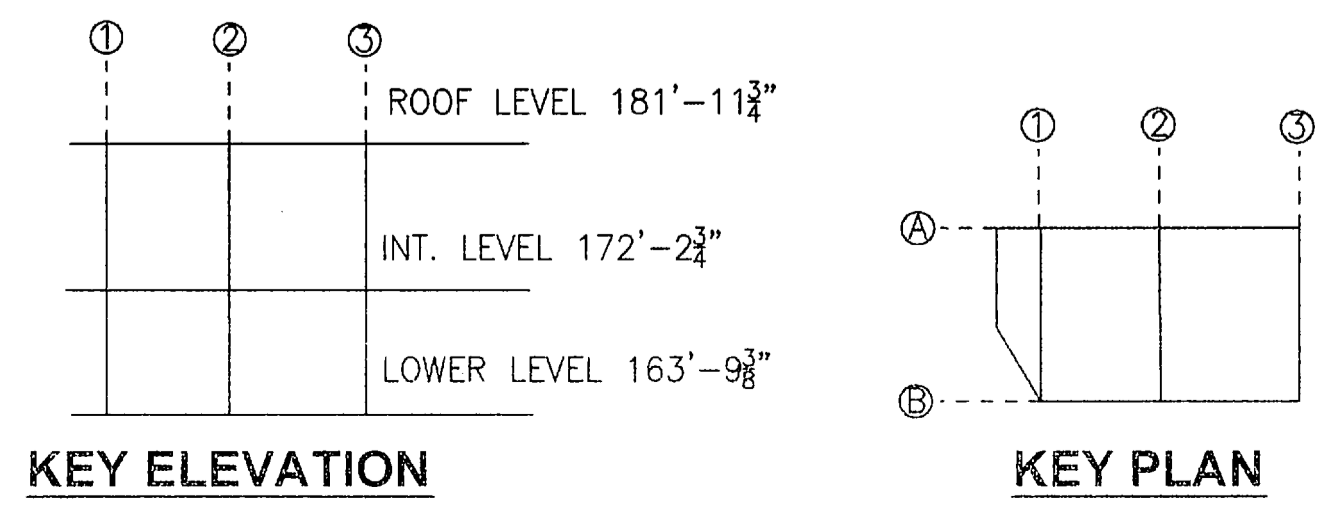


S71	APPROVED	DATE	SIZE	DWG. NO.	REV
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	TITLE	PROJ. NO. 98580			SHEET 86

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OMBU ELEVATION LINES 1 AND 2
 NTS - SOURCE FILE 79K05836 SHEET S7



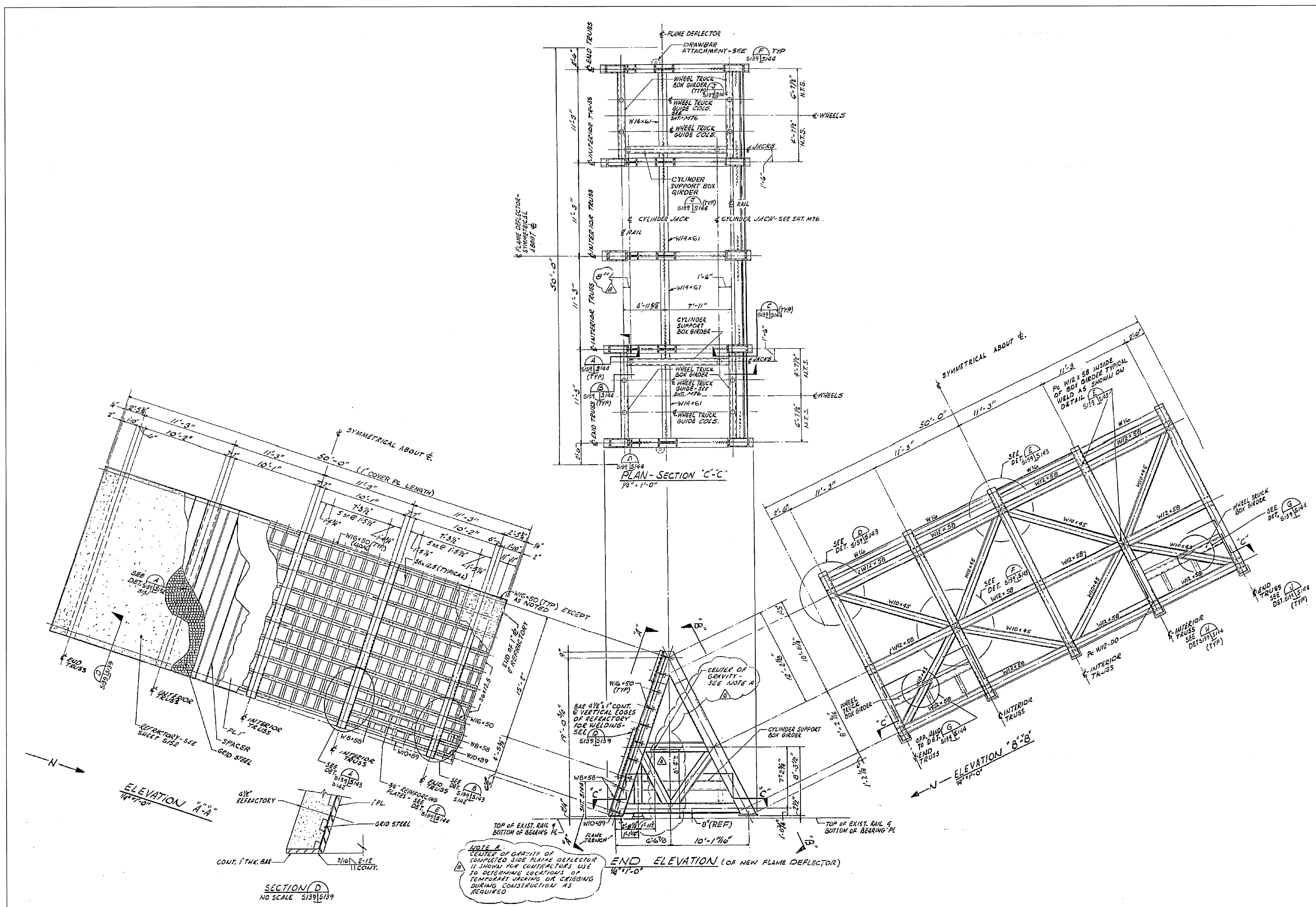
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REVISIONS				
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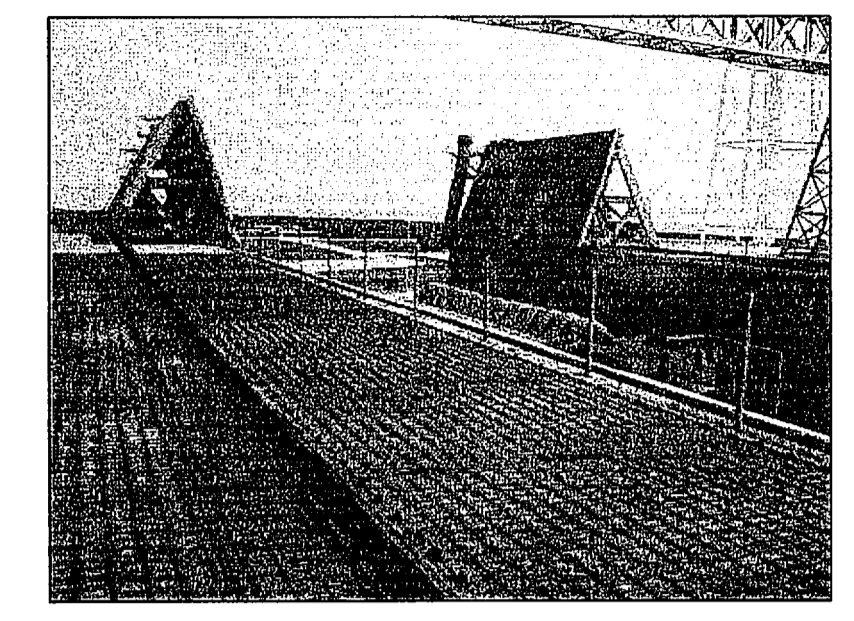


SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN	S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED	S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED	N. PONTILLO	06/24/09	OMBU ELEVATION LINES 1 AND 2	
SUBMITTED	<i>[Signature]</i>	6/24/09		
APPROVED	<i>[Signature]</i>	DATE	SIZE	DWG. NO.
			F	222W2200001
TITLE		PROJ. NO. 98580	SHEET 87	

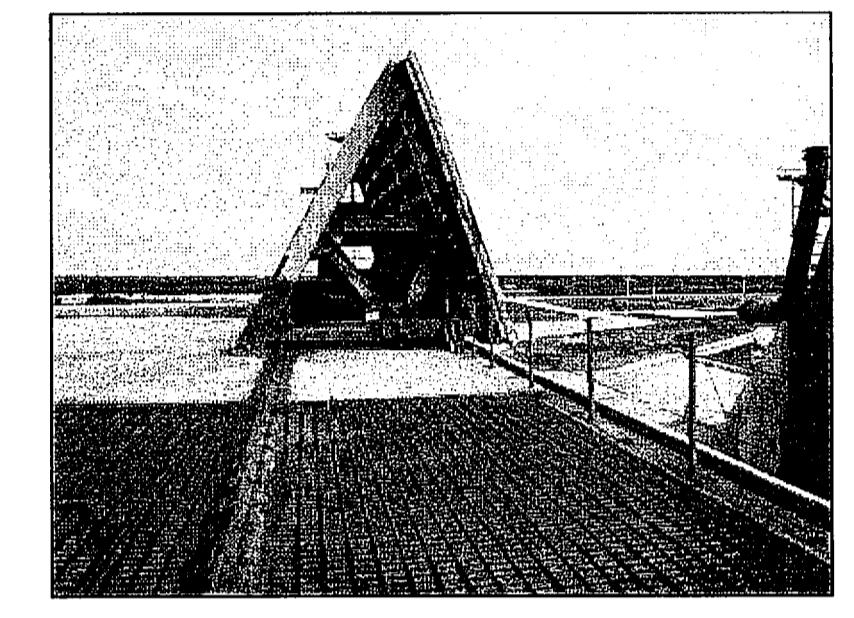
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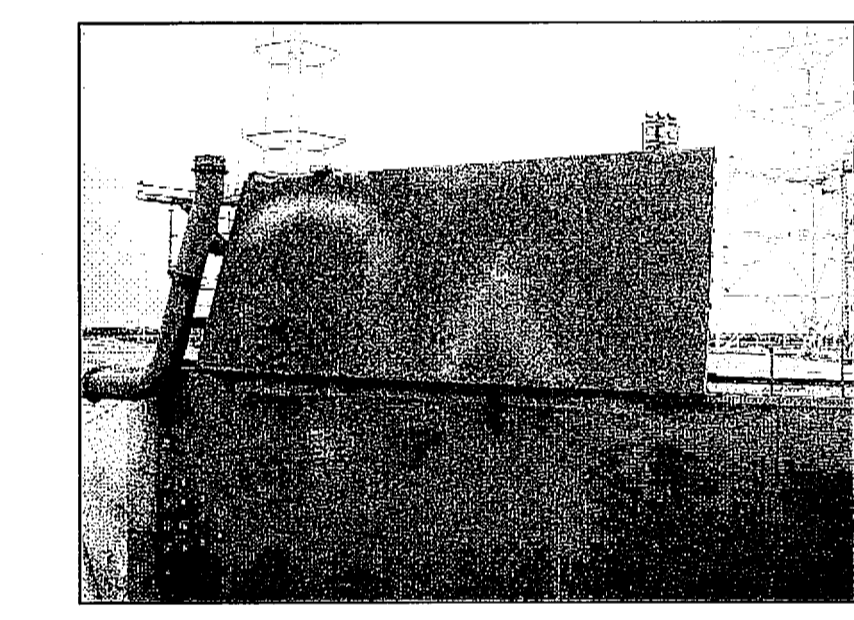
SFD PLAN, ELEVATIONS AND NOTES
 NTS - SOURCE FILE 79K10338 SHEET S139



EAST AND WEST SFD (LOOKING NORTH)



WEST SFD (LOOKING NORTH)



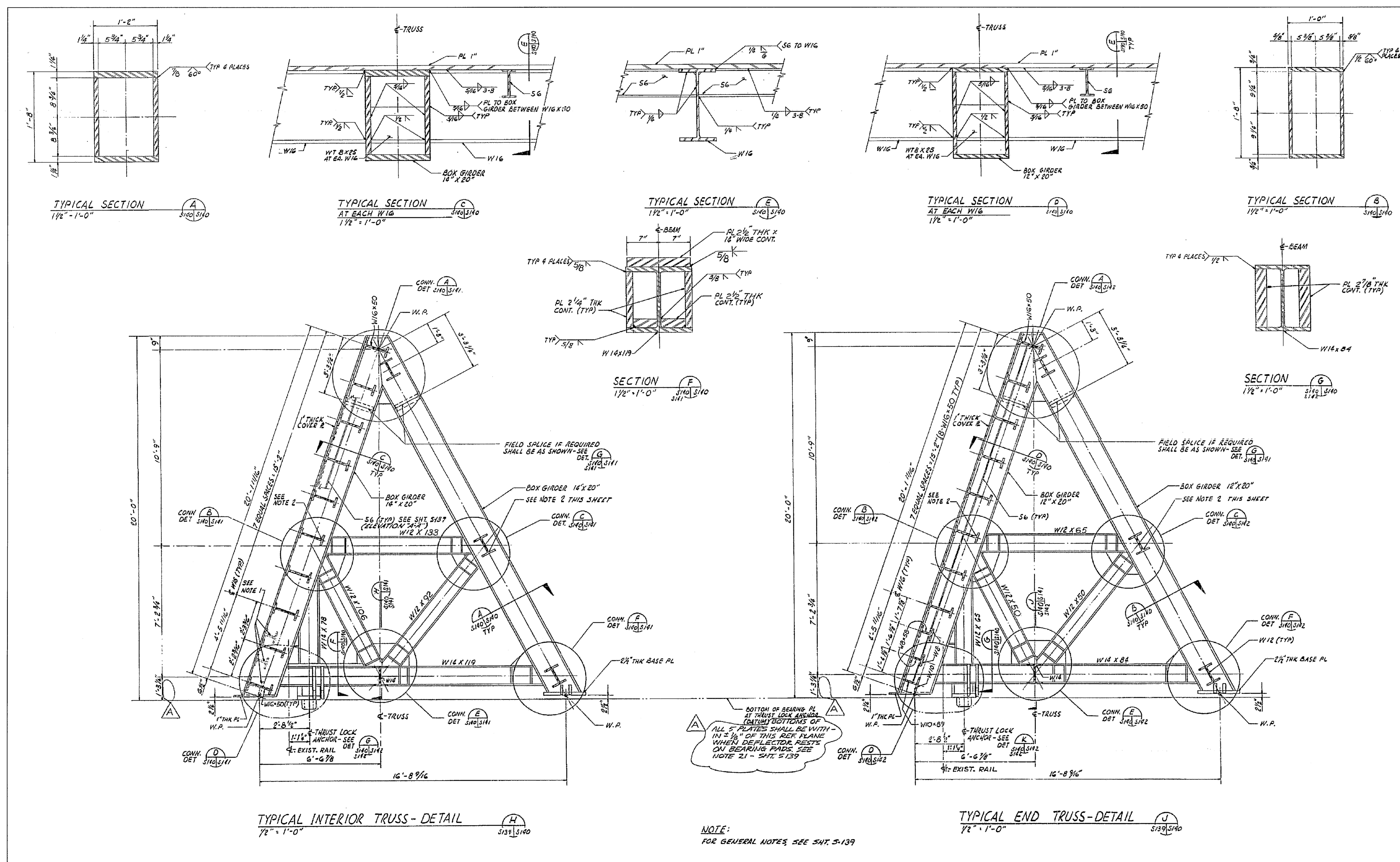
EAST SFD FACE (LOOKING NORTH)

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: 14005006-573.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 S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	SFD PLAN ELEVATIONS AND NOTES
SUBMITTED [Signature]	6/24/09	
APPROVED [Signature]	6/24/09	

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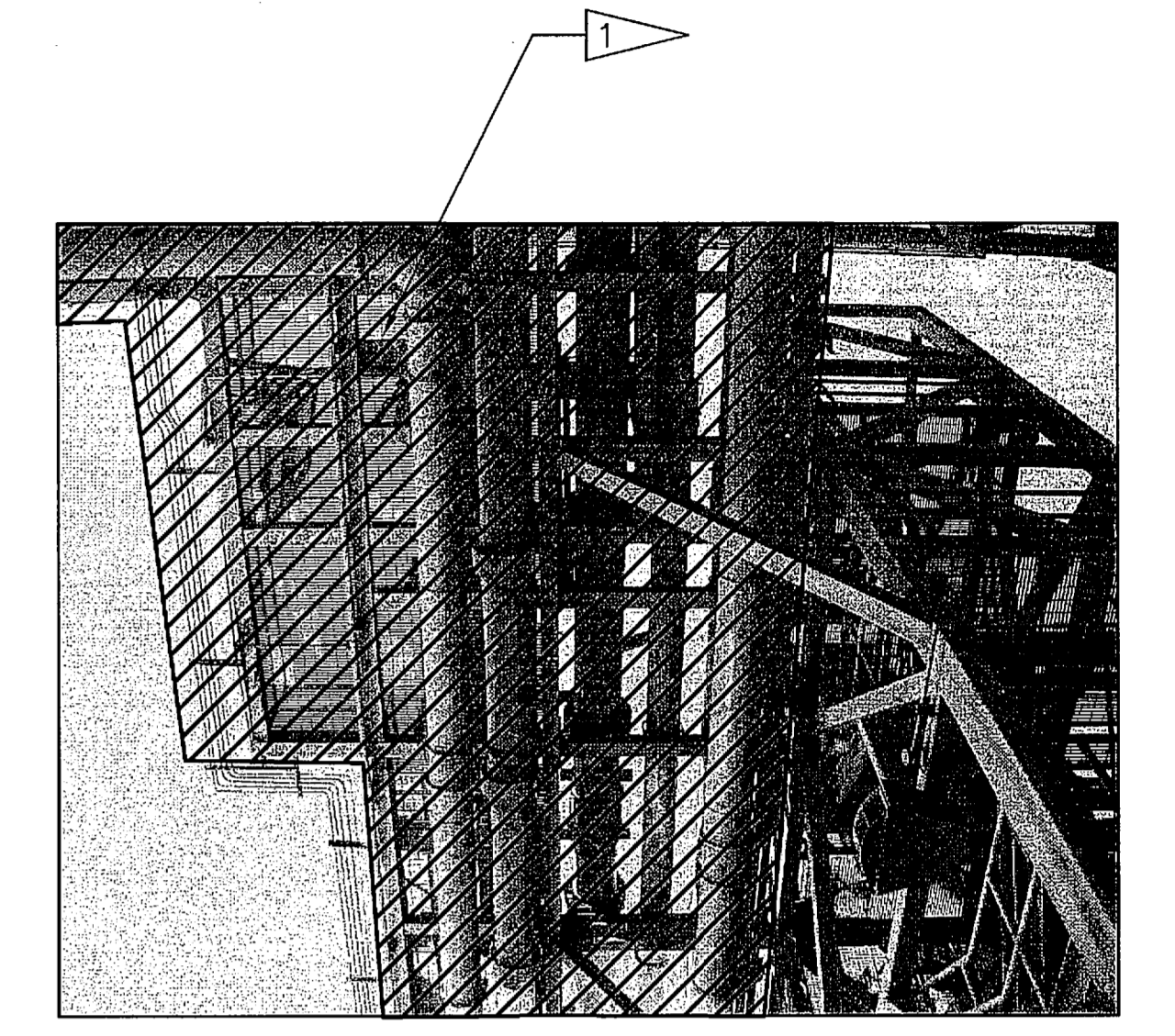
SFD ELEVATION OF INTERIOR AND END TRUSSES
 NTS - SOURCE FILE 79K10338 SHEET S140

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SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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JONES EDMUNDS				
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821 3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950				
SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED NP		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
[Signature]		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	REV
S74		98580	89	

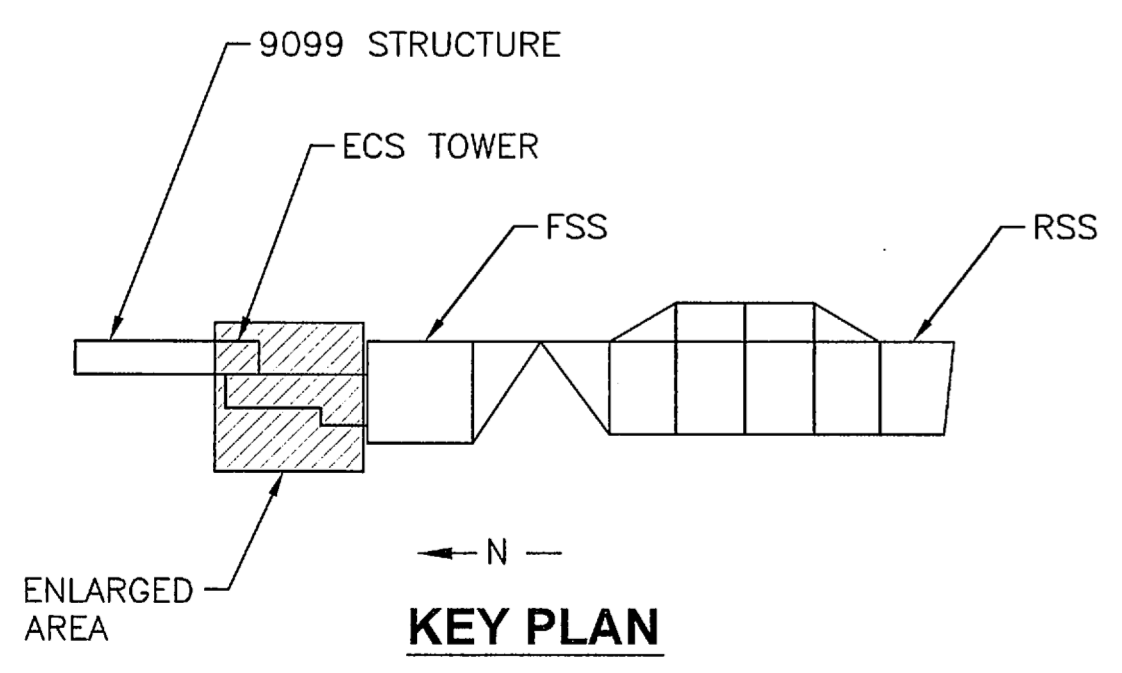
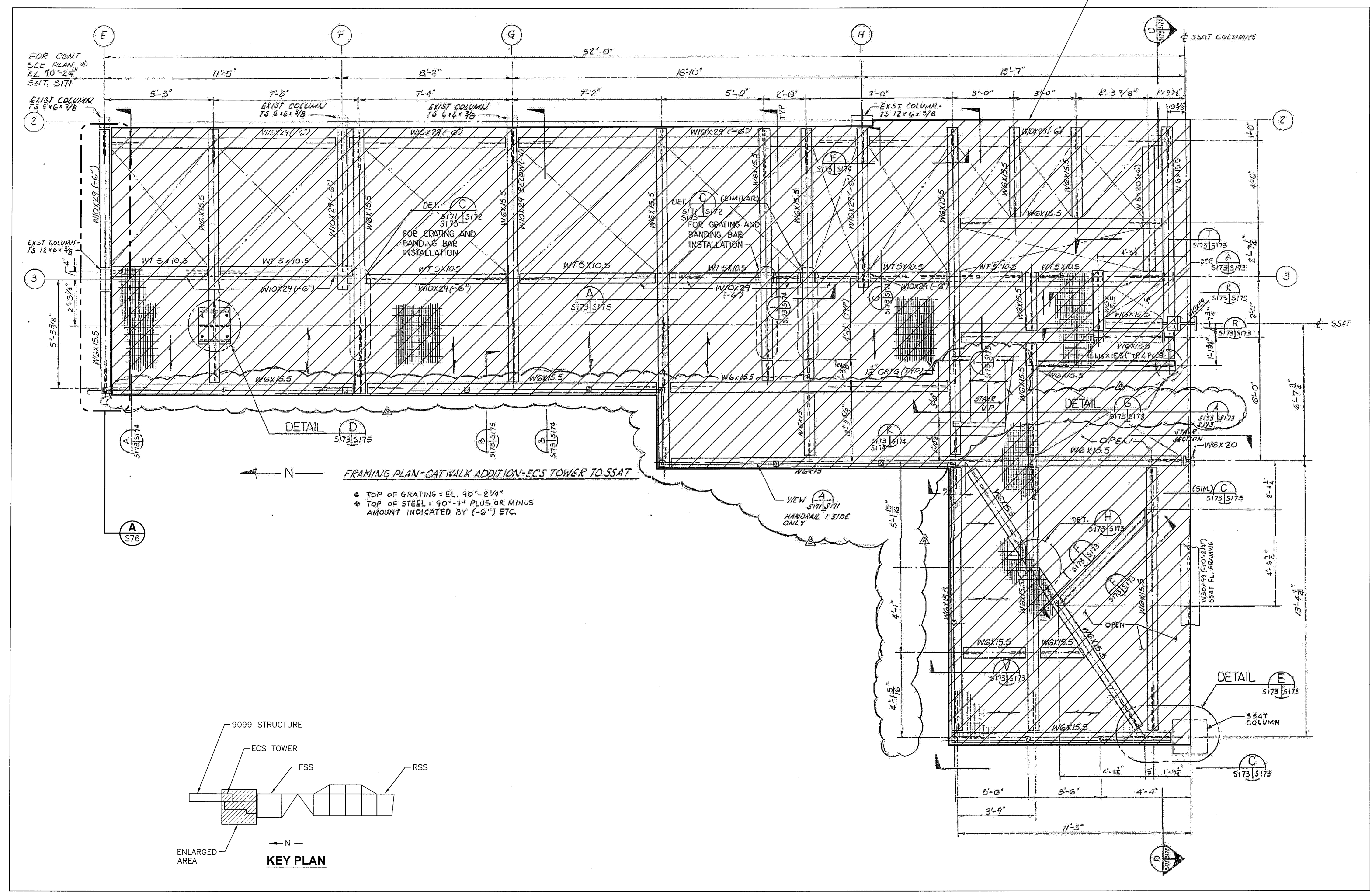
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

FLAG NOTES

TO BE DEMOLISHED
 1 FSS CATWALK TO ECS TOWER



CATWALK DEMOLITION (FROM UNDERNEATH)



FSS ECS CATWALK DEMO PLAN
 NTS - SOURCE FILE 79K10338 SHEET S173

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: 14005006-575.DWG				



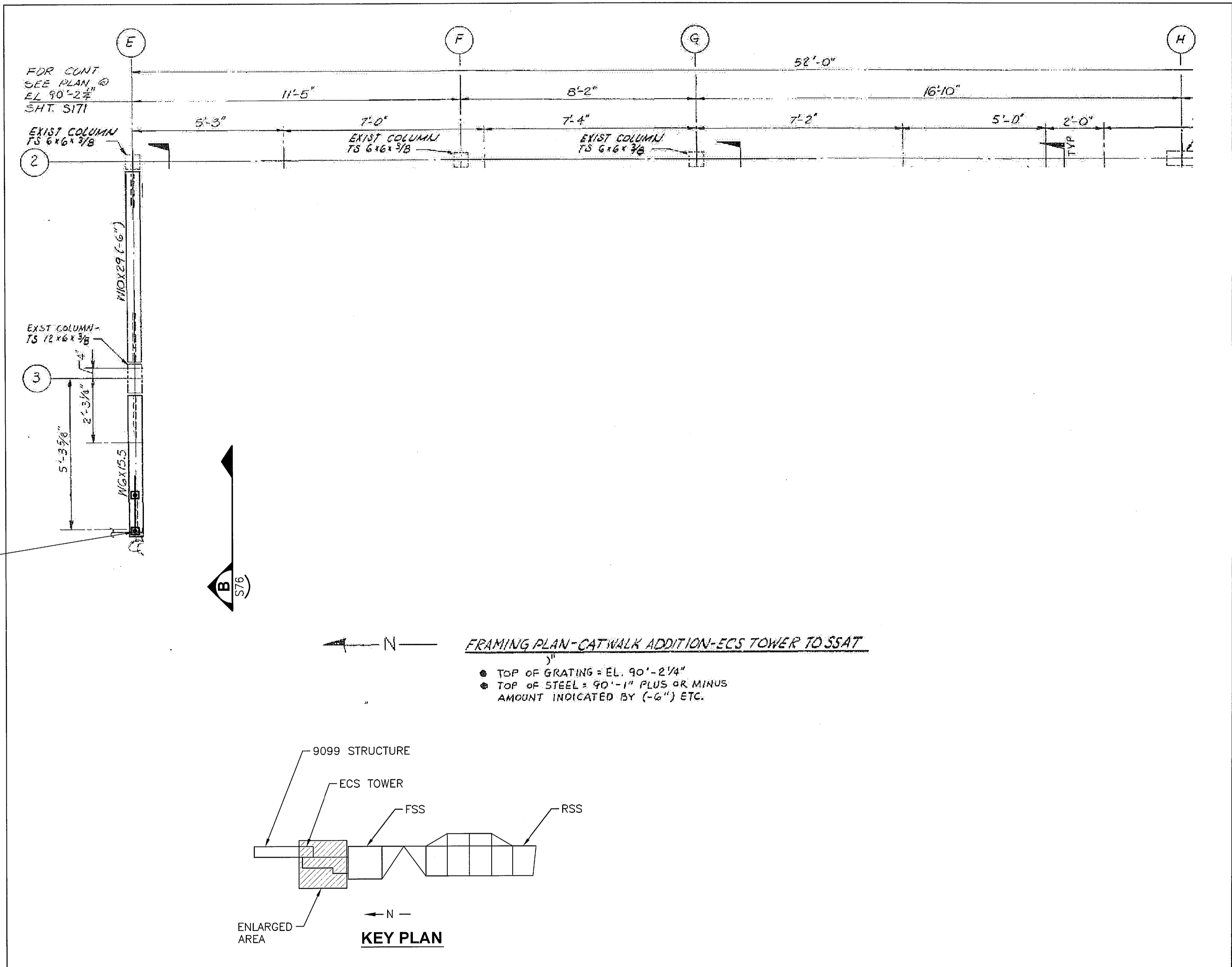
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS ECS CATWALK DEMO PLAN
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED [Signature]	6/24/09	
APPROVED [Signature]	6/24/09	

S75	DATE	SIZE	DWG. NO.	REV
		F	222W2200001	
TITLE		PROJ. NO. 98580	SHEET 90	

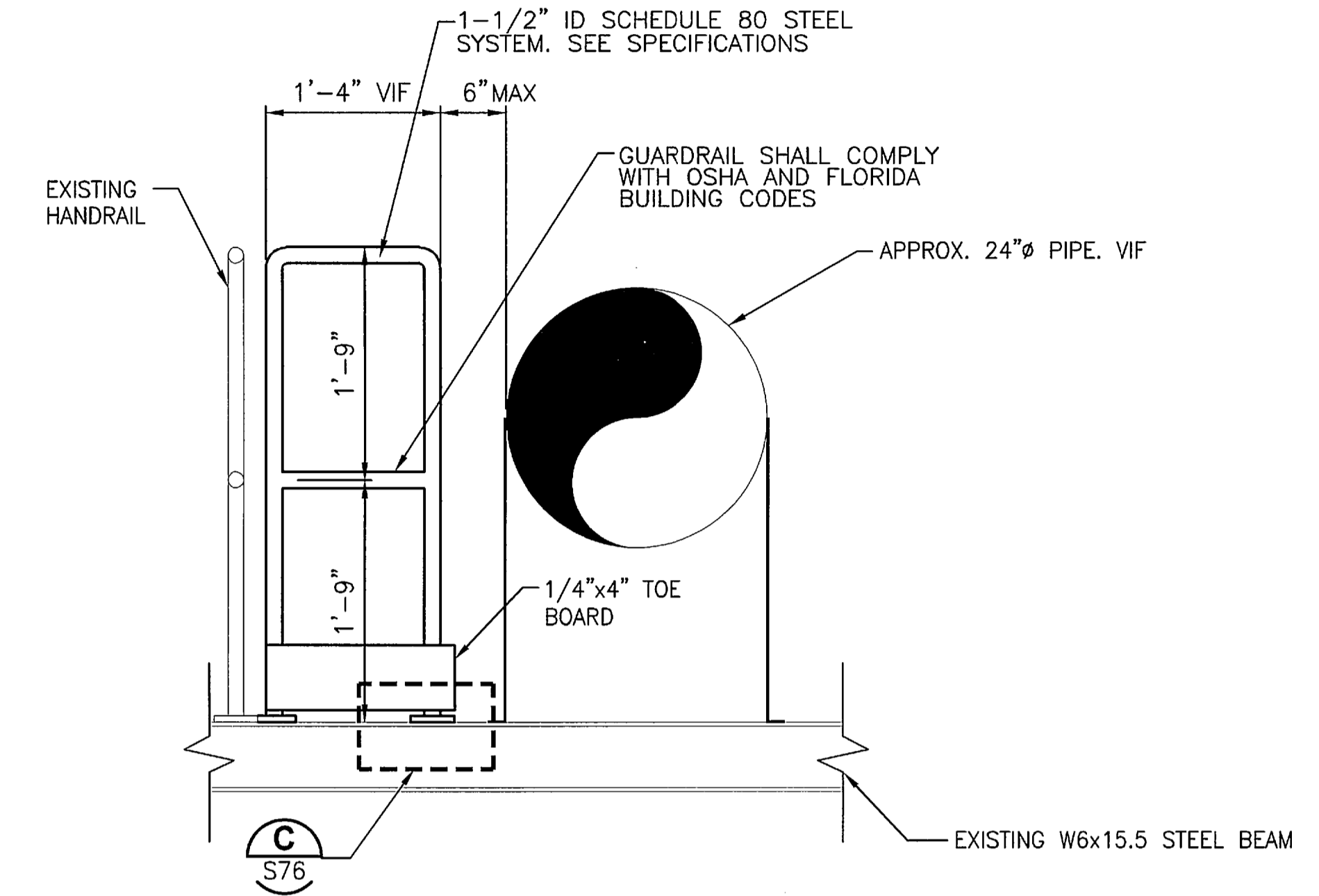
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FLAG NOTES

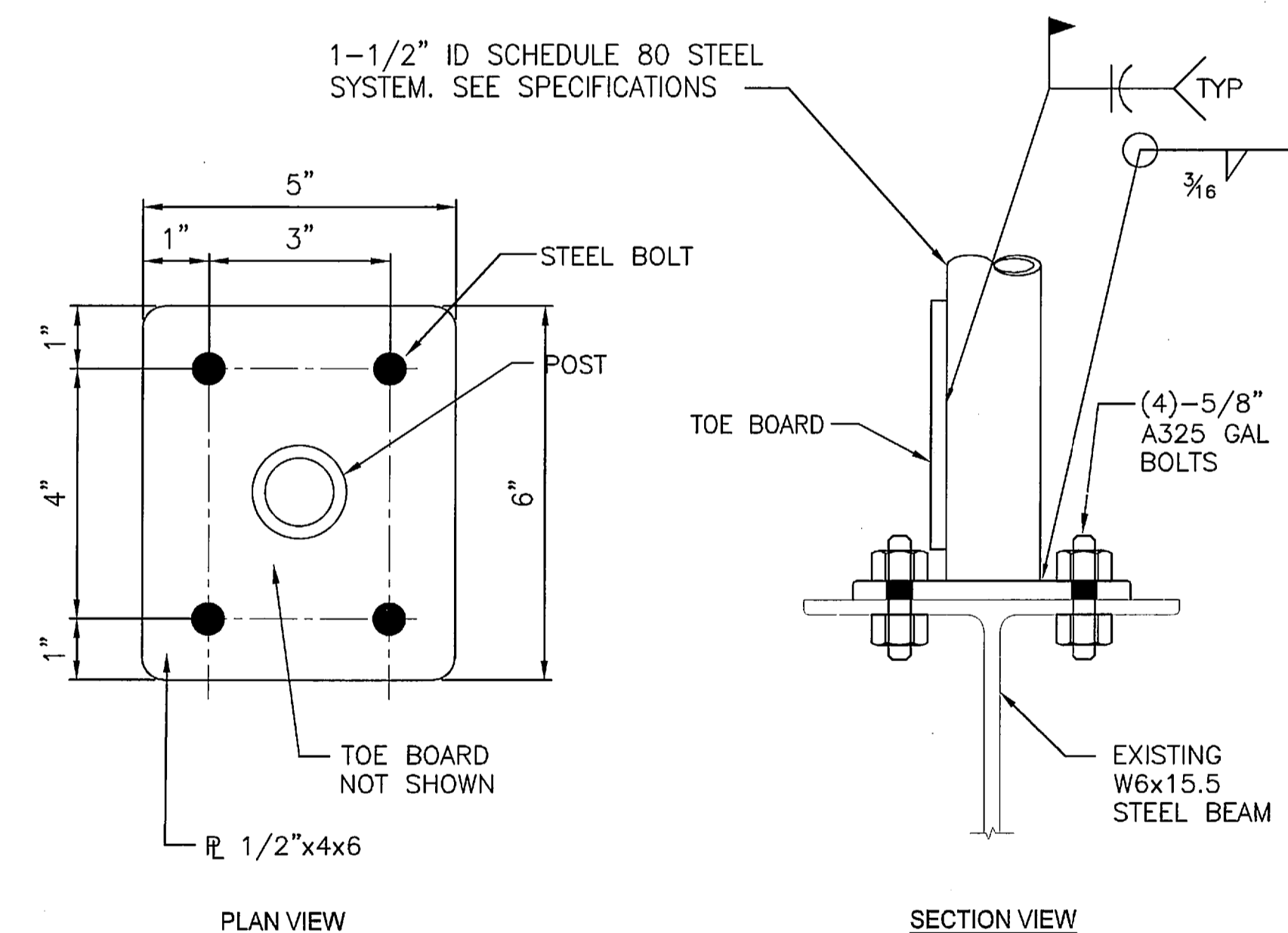
- NOTES
- 1 NEW GALVANIZED STEEL GUARDRAIL



ECS NEW GUARDRAIL PLAN A
 NTS - SOURCE FILE 79K10338 SHEET S173



ECS NEW GUARDRAIL DETAIL B
 NTS



ECS NEW GUARDRAIL DETAILS C
 NTS

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: 14005006-S76.DWG				



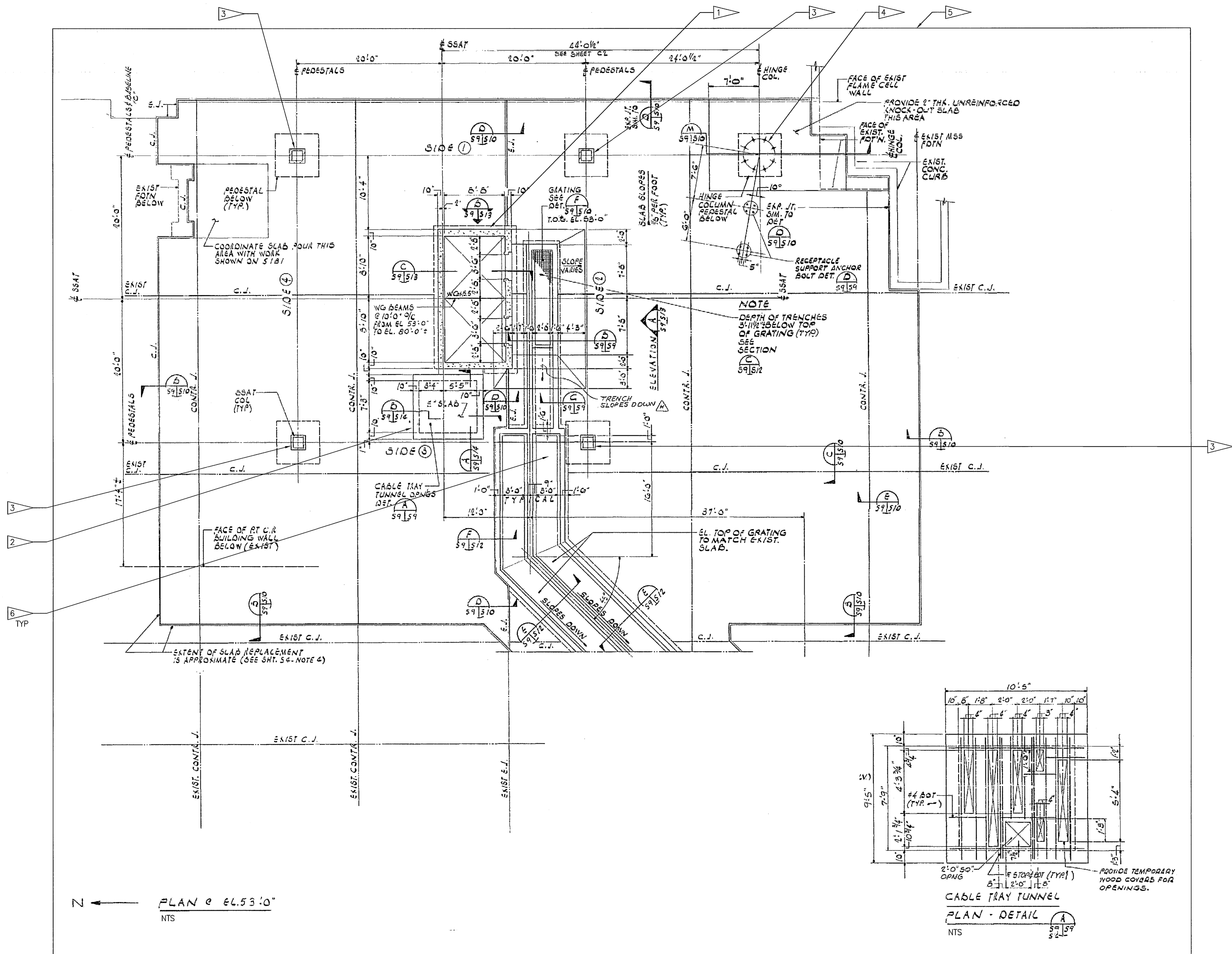
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE ECS NEW GUARDRAIL
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
APPROVED [Signature]	6/24/09	
SUBMITTED [Signature]	6/24/09	

S76	TITLE	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
		PROJ. NO. 98580	SHEET 91		

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- ### FLAG NOTES
- 1 ELEVATOR PIT. SEE SHEET S81.
 - 2 CABLE TRAY TUNNEL. SEE SHEET S82.
 - 3 FSS COLUMN. SEE SHEET S78 AND S79.
 - 4 HINGE COLUMN. SEE SHEET S80.
 - 5 REMOVE ALL PROTRUSIONS IN THIS AREA AND LEAVE A CLEAN, TRIP-FREE, CONCRETE SURFACE. GROUT UNDER UTILITY PEDESTAL BASE PLATES SHALL BE REMOVED AND ANCHOR BOLTS CUT FLUSH WITH THE SURFACE.
 - 6 PAD SURFACE TRENCH GRATING. WHERE PIPE DEMOLITION LEAVES OPENINGS IN THE GRATING LARGER THAN 2" REPLACE GRATING WITH 19W4 HOT-DIP GALVANIZED BAR GRATING (PL 1/4"x6" BEARING BARS AND 3/8" CROSS BARS). BAND GRATING WITH PL 1/4"x6". CONTRACTOR VERIFY GRATING DIMENSIONS.

- ### GENERAL NOTES
- #### A. GENERAL REQUIREMENTS
- STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE FOLLOWING:
CONCRETE PAVEMENT: ACI 360R-06
ACI 318-08
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION. NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES OR INCONSISTENCIES. DO NOT SCALE DRAWINGS.
 - TYPICAL CONDITIONS: WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY MARKED ON THE PLANS.
 - CONCRETE FLATNESS: $F_f = 20$
 - NEW PAVEMENT ELEVATION SHALL MATCH EXISTING ADJACENT PAVEMENT.
- #### B. CONCRETE
- CONCRETE FOR SLABS SHALL BE NORMAL WEIGHT ($w = 145$ PCF) WITH MIN COMPRESSIVE STRENGTH $f'_c = 4,000$ PSI AT 28 DAYS.
 - ACCORDANCE WITH ACI 318 AND THE PROJECT SPECIFICATIONS, WHERE REQUIREMENTS CONFLICT OR OVERLAP, USE THE MORE STRINGENT REQUIREMENT.
 - TOLERANCES FOR PLACEMENT OF FORMS AND CONCRETE SHALL BE IN ACCORDANCE WITH ACI 301.
- #### C. REINFORCING STEEL
- BARS FOR CONCRETE - ASTM A615, GRADE 60 ($F_y = 60$ KSI).



FSS FOUNDATION PLAN AT APRON EL. 53'-0"
NTS - SOURCE FILE 79K10338 SHEET S9

THIS SPACE RESERVED

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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 S. HAFERKAMP		06/24/09		
CHECKED J. HARTLEY		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED [Signature]		6/24/09		
APPROVED [Signature]		DATE	SIZE	DWG. NO.
S77			F	222W2200001
TITLE		PROJ. NO.	98580	SHEET 92

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHN F. KENNEDY SPACE CENTER, NASA
KENNEDY SPACE CENTER, FLORIDA
**LAUNCH COMPLEX 39B, DEMOLITION OF
FSS/RSS AT LAUNCH COMPLEX 39B,
DEMOLITION PACKAGE
FSS FOUNDATION PLAN AT APRON
EL. 53 FT 0 IN**

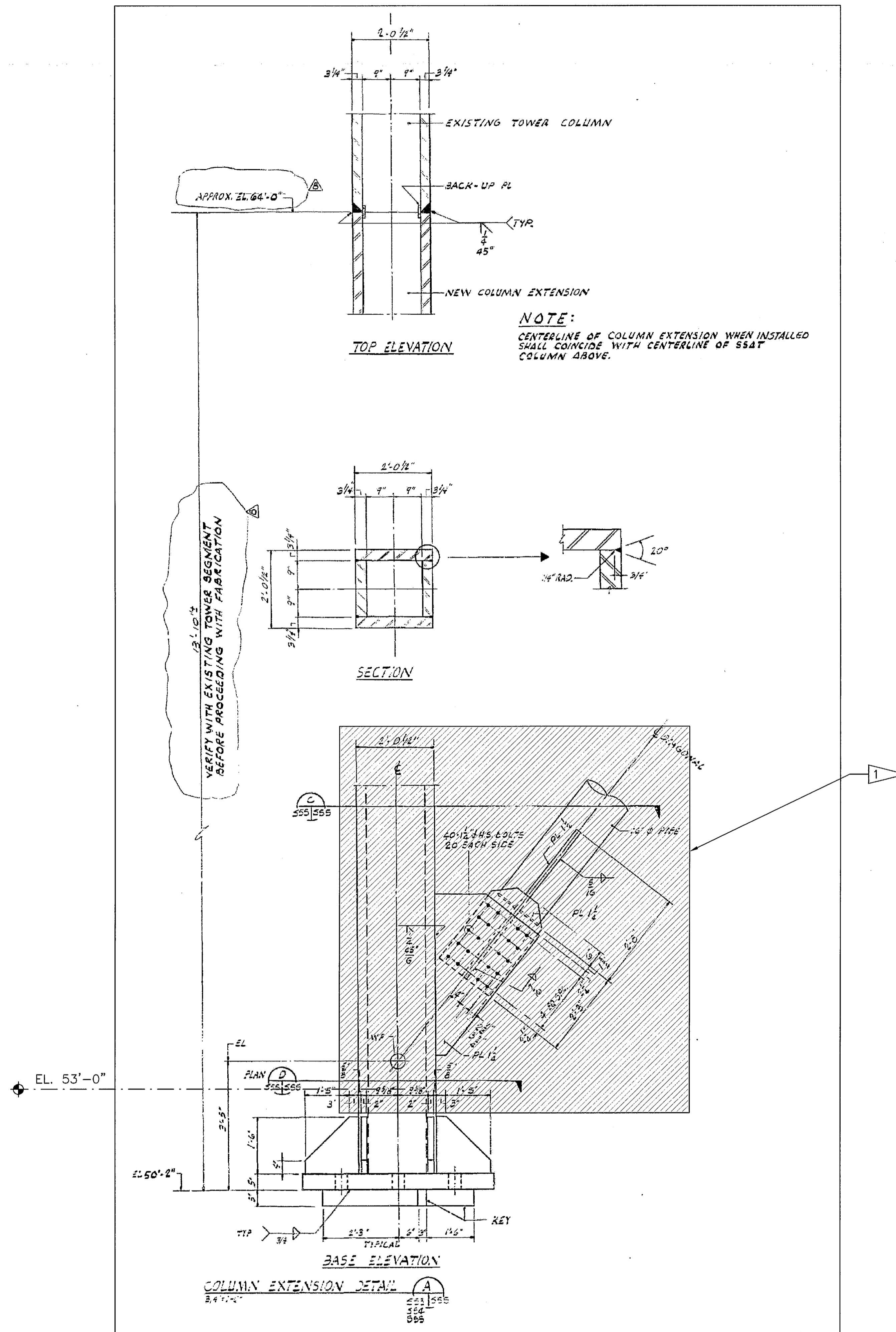
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility or obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

FLAG NOTES

1 SEE SHEET S79 FOR FSS COLUMN DEMO AND REPAIR

GENERAL NOTES

1. FOR GENERAL NOTES, SEE SHEET S77.



FSS COLUMN EXTENSION DETAILS
 NTS - SOURCE FILE 79K10338 SHEET S55

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REVISIONS				
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SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN S. HAFERKAMP		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED J. HARTLEY		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE		
DESIGNED N. PONTILLO		06/24/09			
SUBMITTED NP		6/24/09	FSS COLUMN EXTENSION DETAILS		
APPROVED		DATE			
S78		06/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 93		

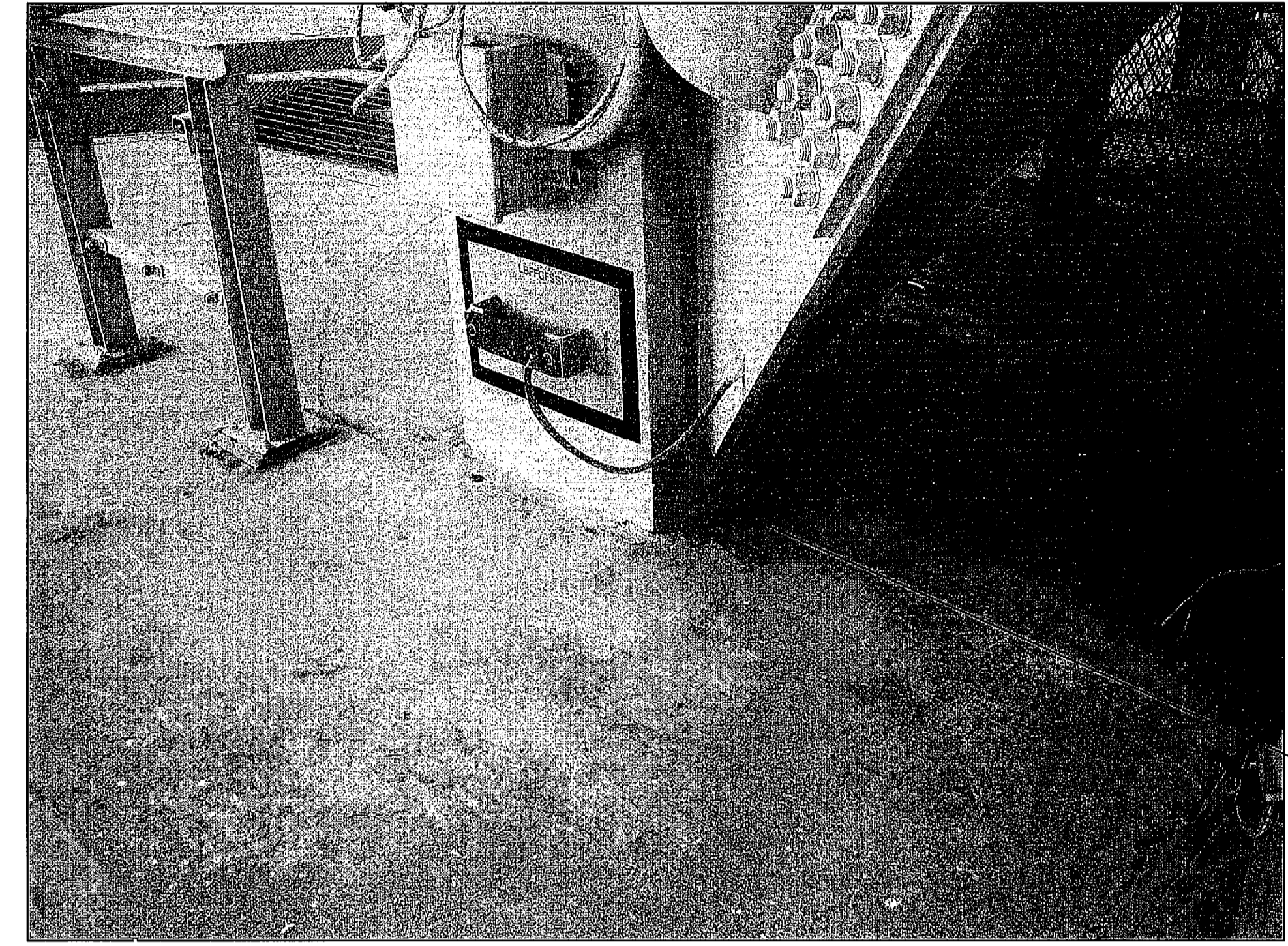
NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

FLAG NOTES

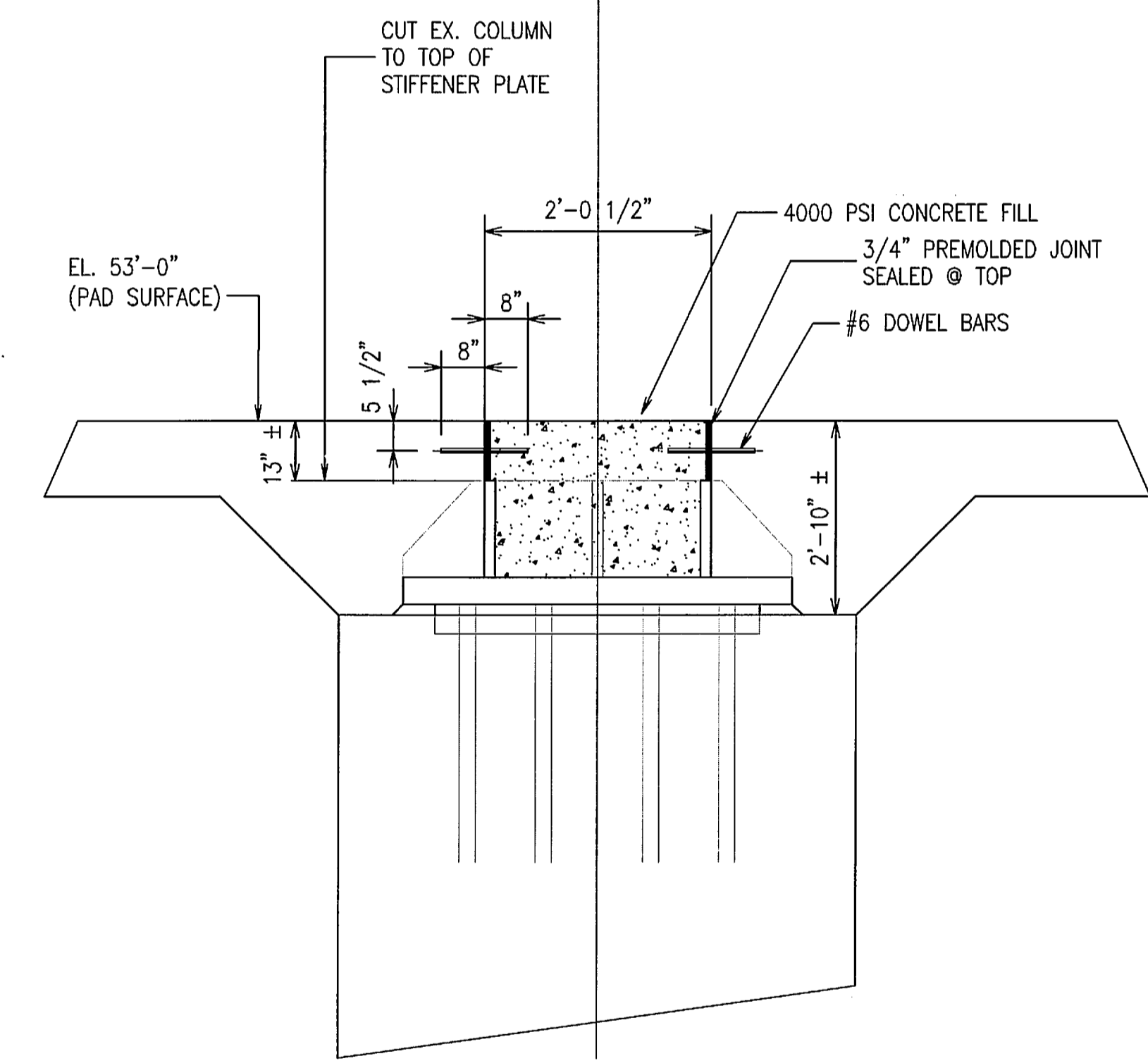
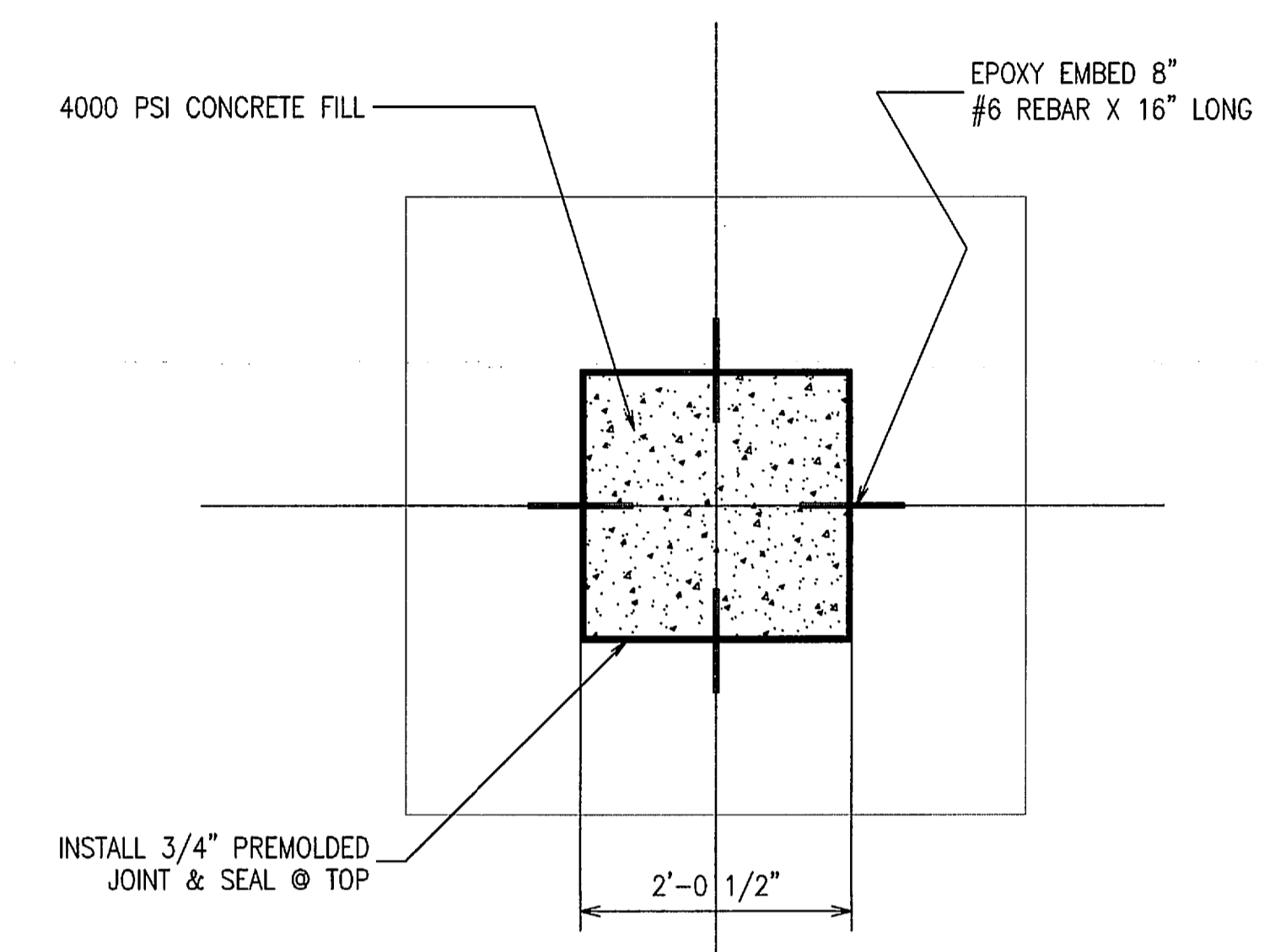
1 CUT FSS COLUMNS (3 1/4" STEEL PLATE) TO APPROXIMATELY 13" BELOW PAD SURFACE TO TOP OF GUSSET PLATES AND FILL VOID WITH 4000 PSI CONCRETE.

GENERAL NOTES

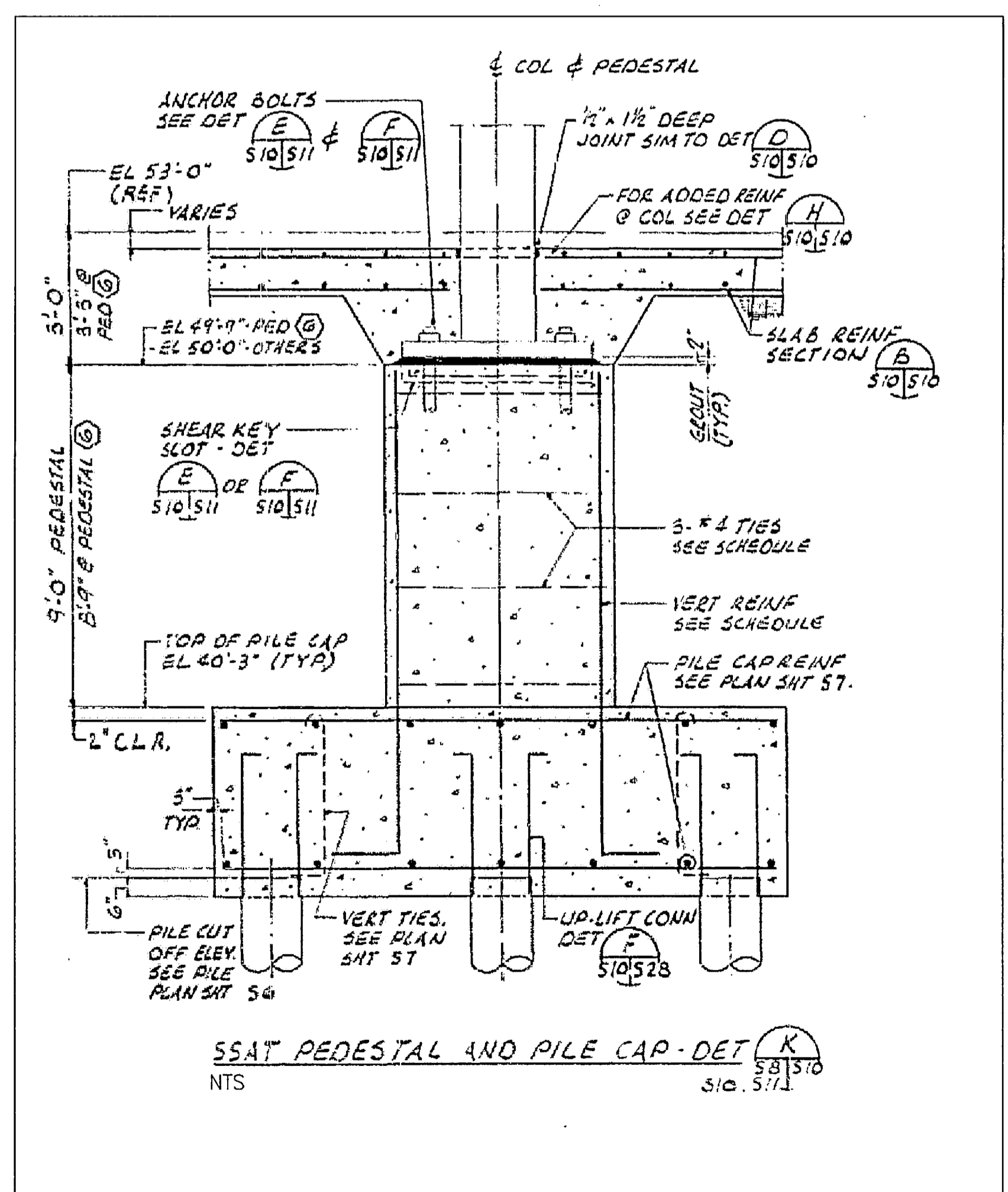
1. FOR GENERAL NOTES, SEE SHEET S77.



FSS COLUMN AT PAD SURFACE



FSS COLUMNS FILL DETAIL (NEW CONSTRUCTION)



FSS FOUNDATION PILE CAP & STRUCTURAL DETAILS

NTS - SOURCE FILE 79K10338 SHEET S10

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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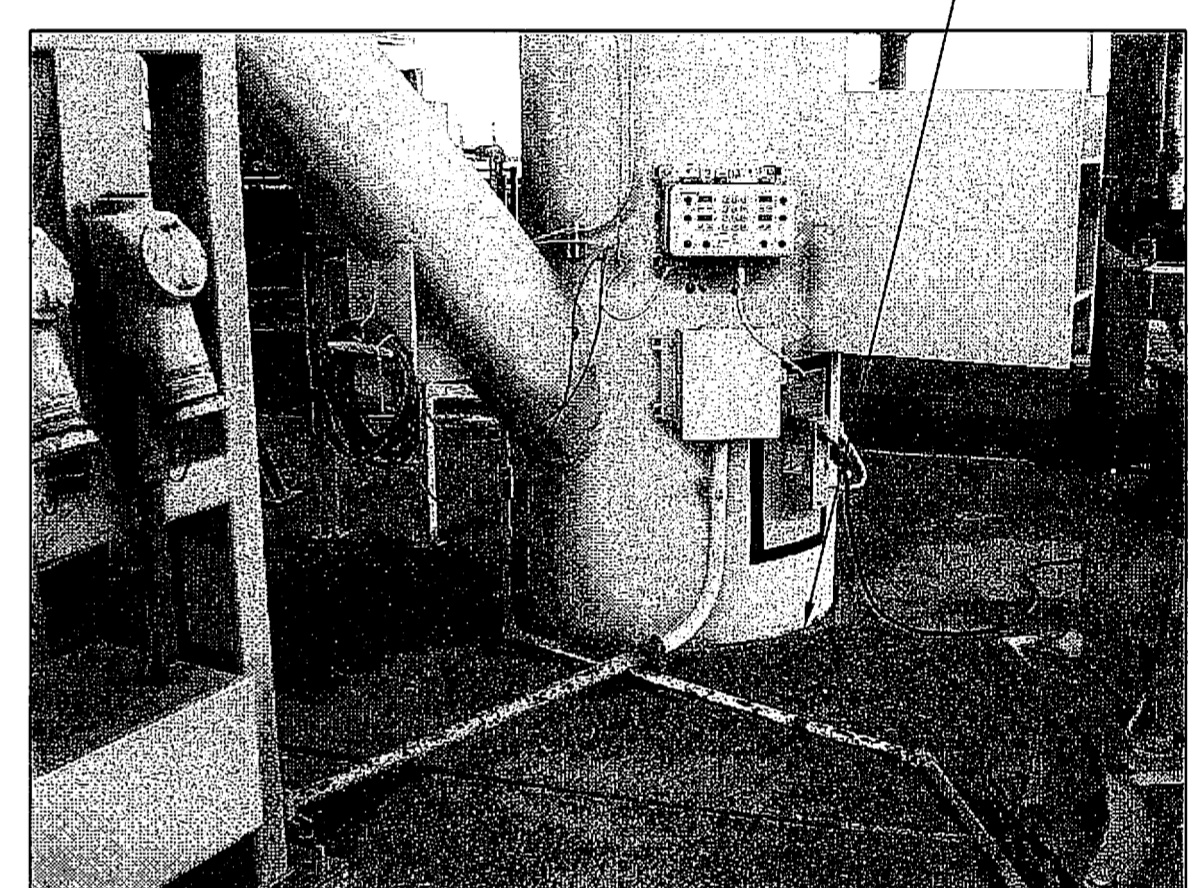
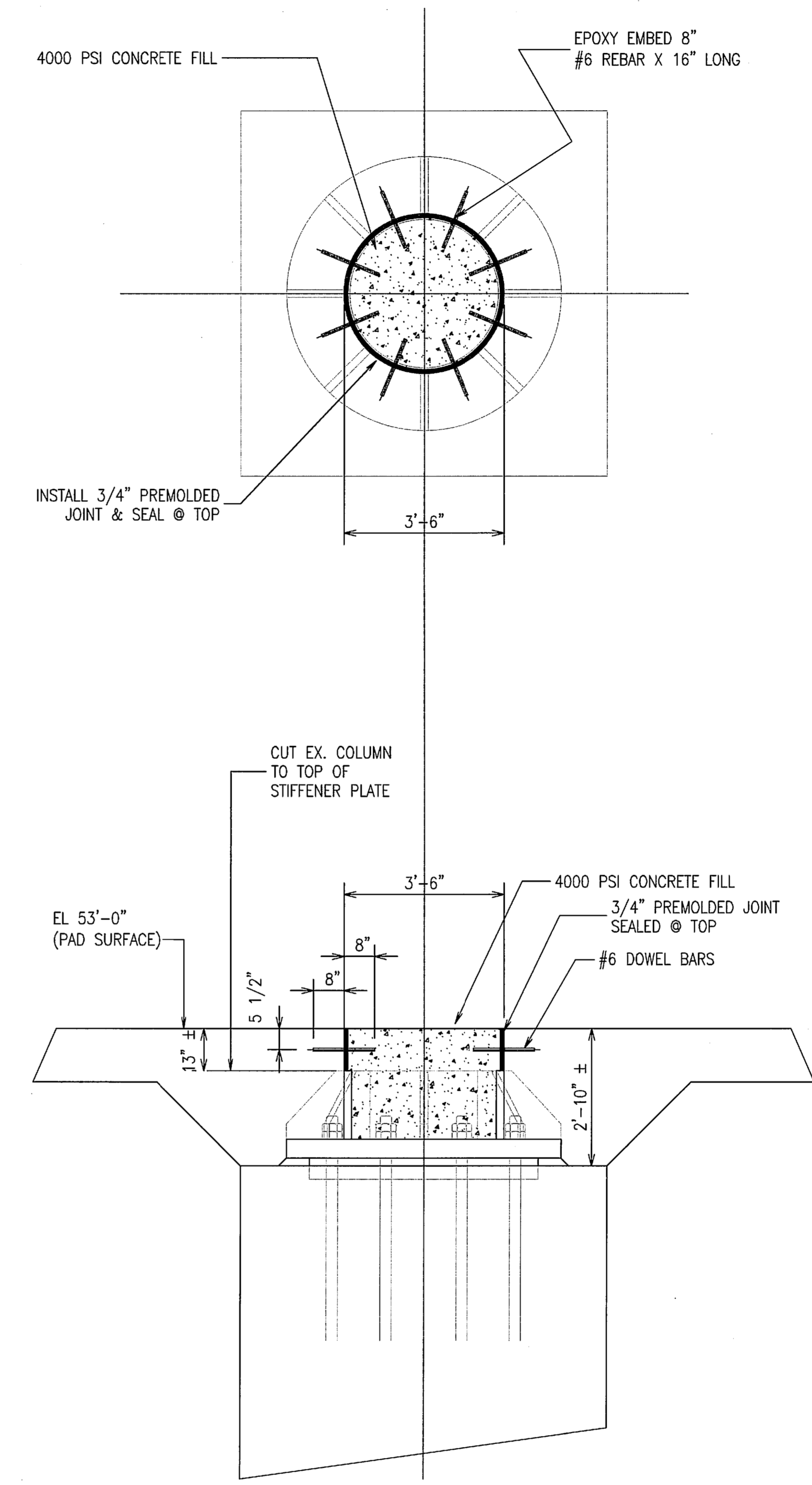
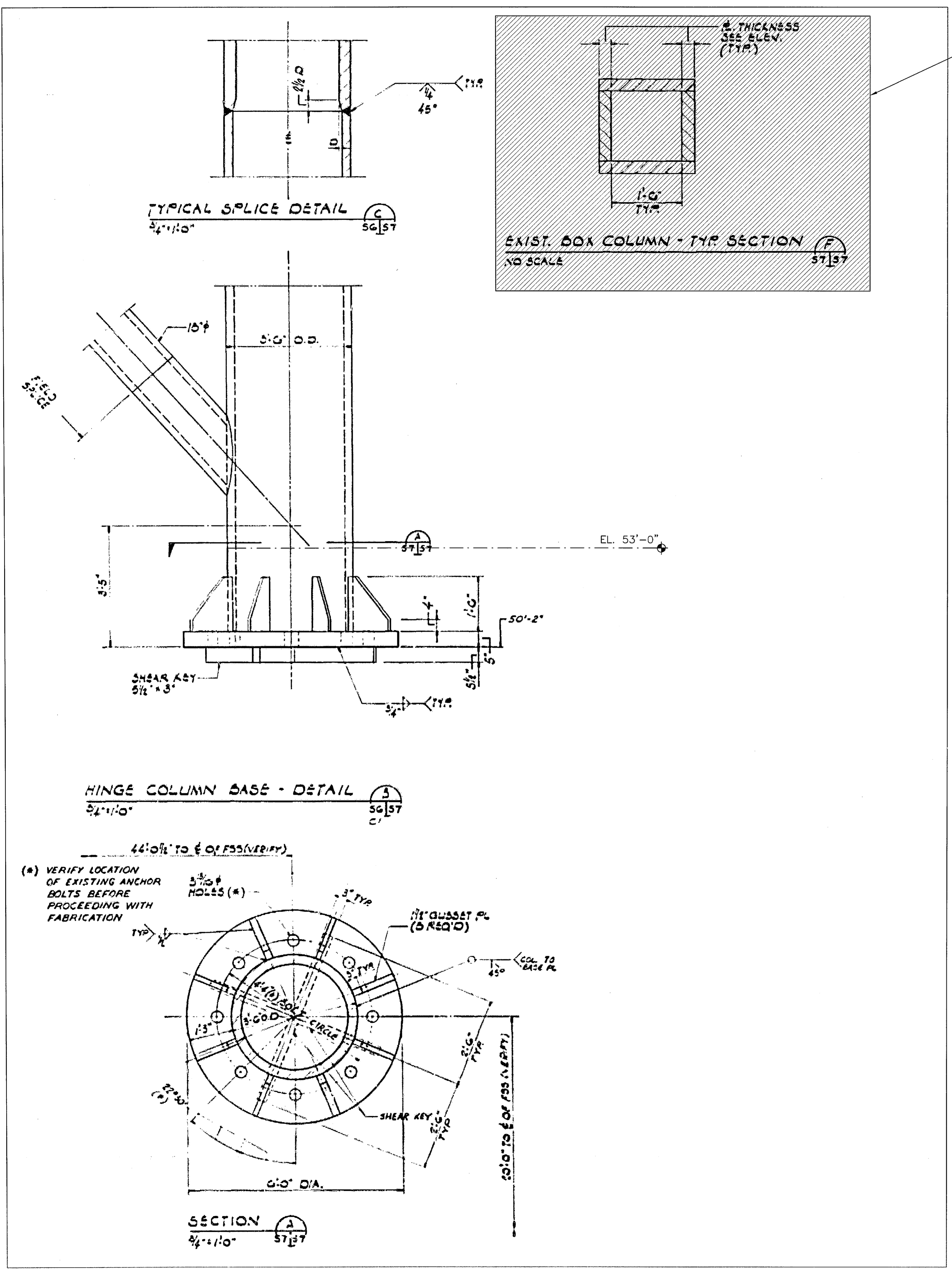
SIGNATURES		DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	
DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
DESIGNED		06/24/09	FSS FOUNDATION PILE CAP & STRUCTURAL DETAILS	
SUBMITTED		6/24/09		

S79	APPROVED	DATE	SIZE	DWG. NO.	REV
			F	222W220001	
	TITLE	PROJ. NO. 98580	SHEET 94		

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- FLAG NOTES**
- 1 CUT HINGE COLUMN (4 1/2" STEEL PLATE) TO APPROXIMATELY 13" BELOW PAD SURFACE TO TOP OF GUSSET PLATES AND FILL VOID WITH 4000 PSI CONCRETE.
 - 2 FOR FSS COLUMN DETAILS SEE SHEETS S78 AND S79.

- GENERAL NOTES**
- 1. FOR GENERAL NOTES, SEE SHEET S77.



HINGE COLUMN AT PAD SURFACE

THIS SPACE RESERVED

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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		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP			KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE	
J. HARTLEY			HINGE COLUMNS AND DETAILS	
DESIGNED		06/24/09		
N. PONTILLO				
SUBMITTED		6/24/09		
APPROVED		DATE	SIZE	DWG. NO.
S80		6/24/09	F	222W2200001
TITLE		PROJ. NO.	SHEET	
		98580	95	

HINGE COLUMN AND DETAILS
NTS - SOURCE FILE 79K14110 SHEET S7

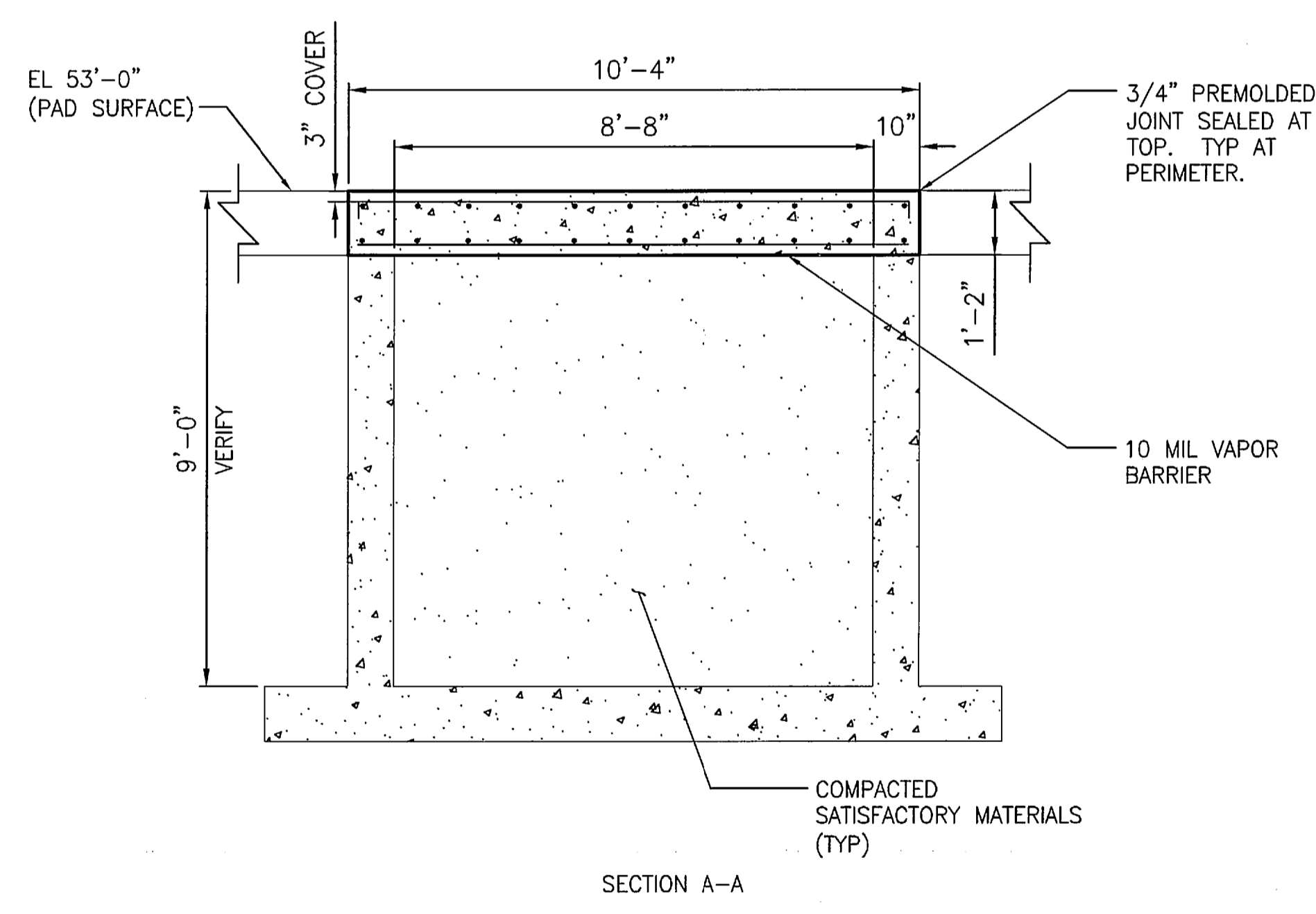
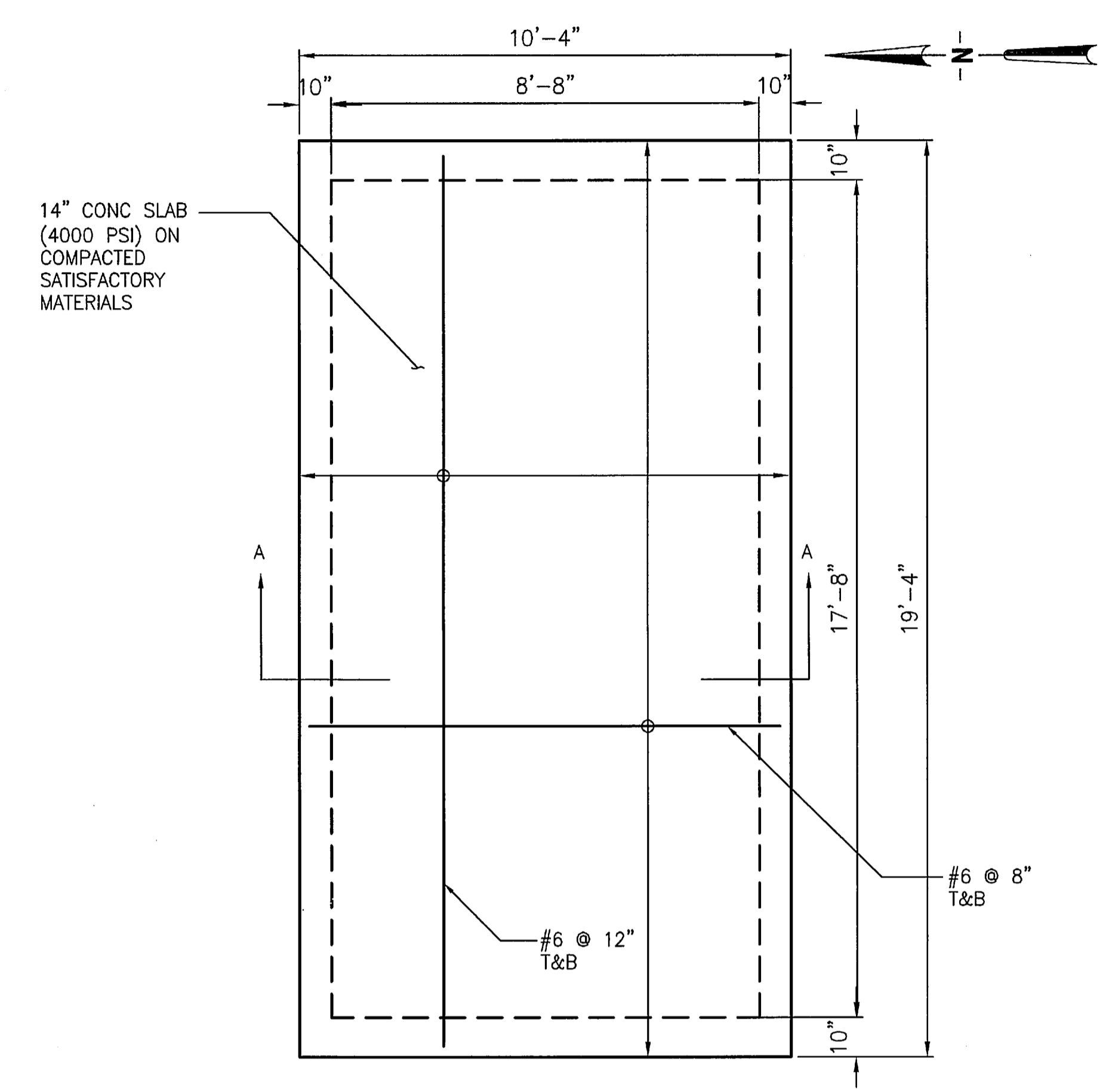
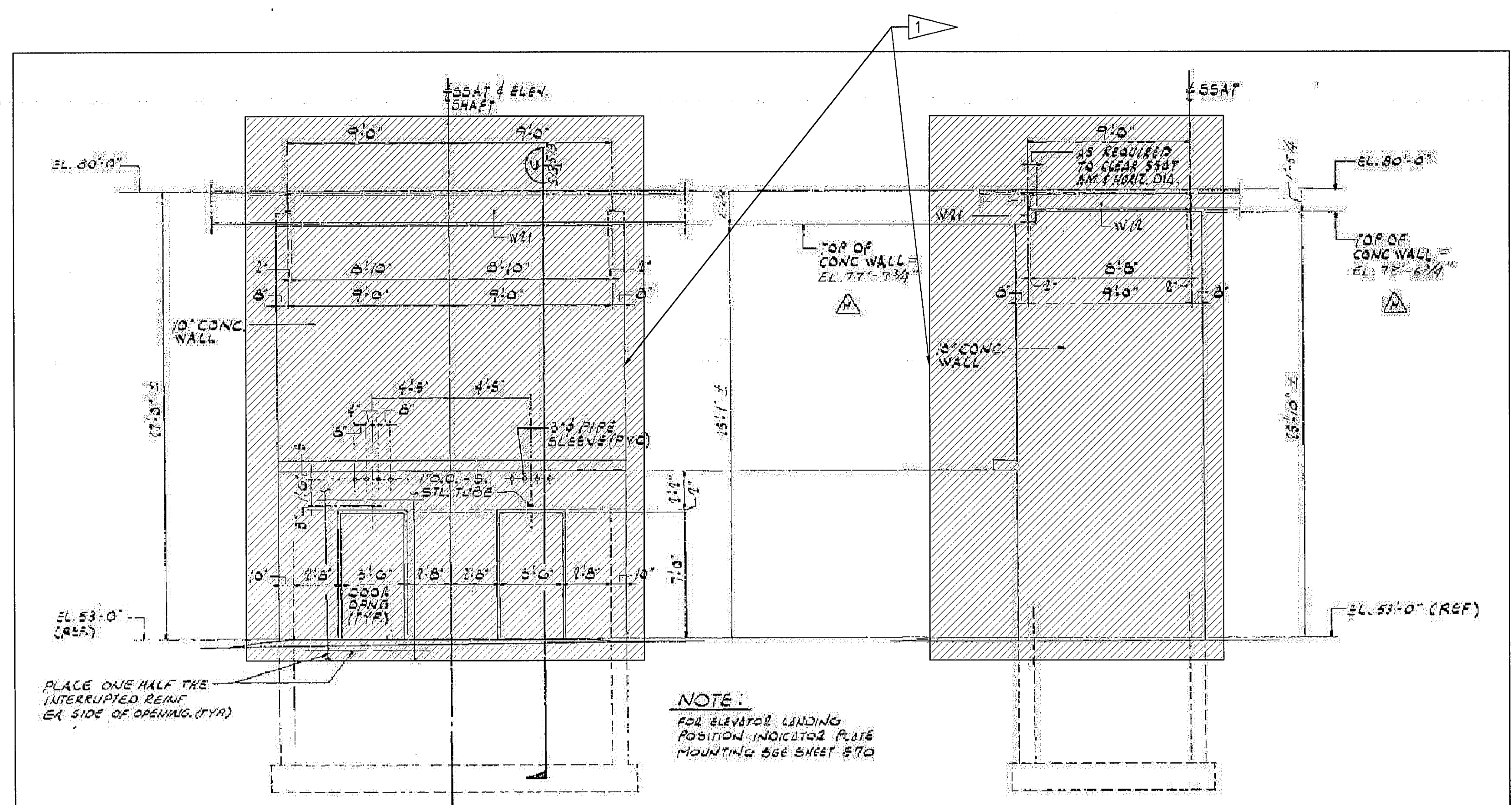
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FLAG NOTES

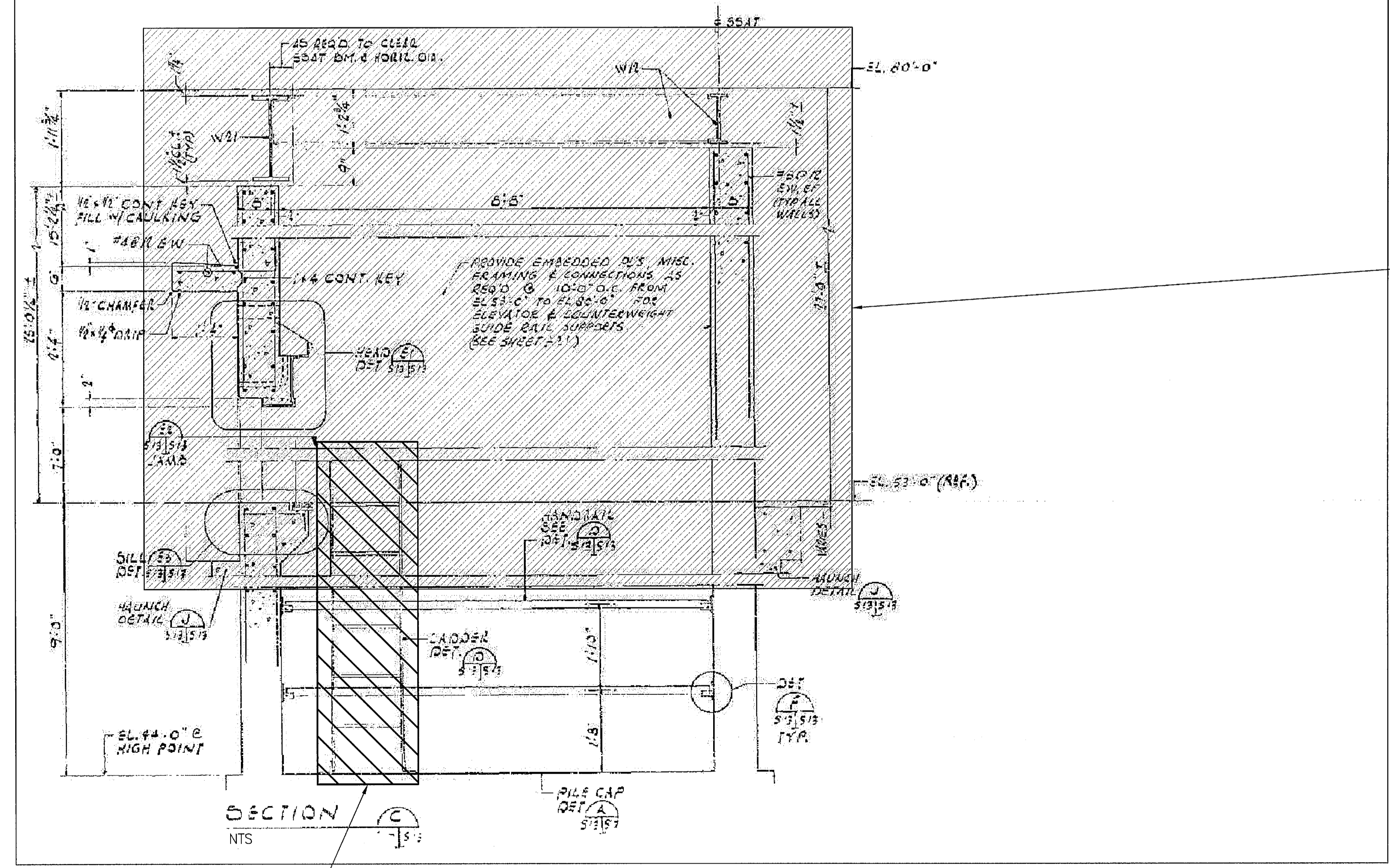
- 1 DEMOLISH CONC ELEVATOR SHAFT TO 14" BELOW EXISTING PAD SURFACE ELEVATION. FILL VOID WITH COMPACTED SATISFACTORY MATERIALS IN ACCORDANCE WITH SPECS SECTION 31 00 00 TO TOP OF CUT-OFF WALLS. PLACE CONC SLAB-ON-GRADE OVER SOIL PER DETAIL (A) S81
- 2 DEMOLISH LADDER

GENERAL NOTES

- 1. FOR GENERAL NOTES, SEE SHEET S77.



ELEVATOR PIT COVER SLAB PLAN & PROFILE (NEW CONSTRUCTION)

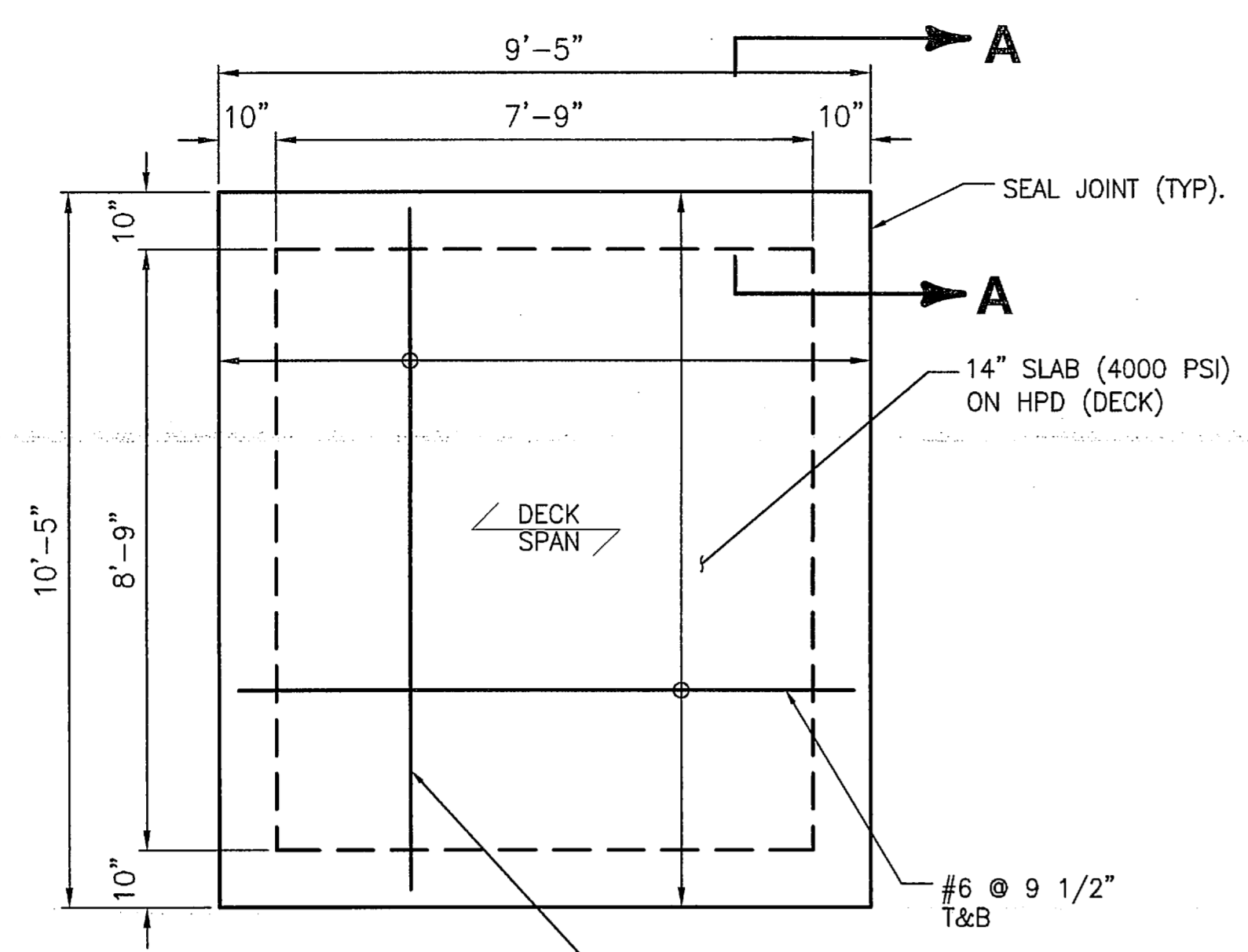


FSS FOUNDATION ELEVATOR ENCLOSURE DETAILS

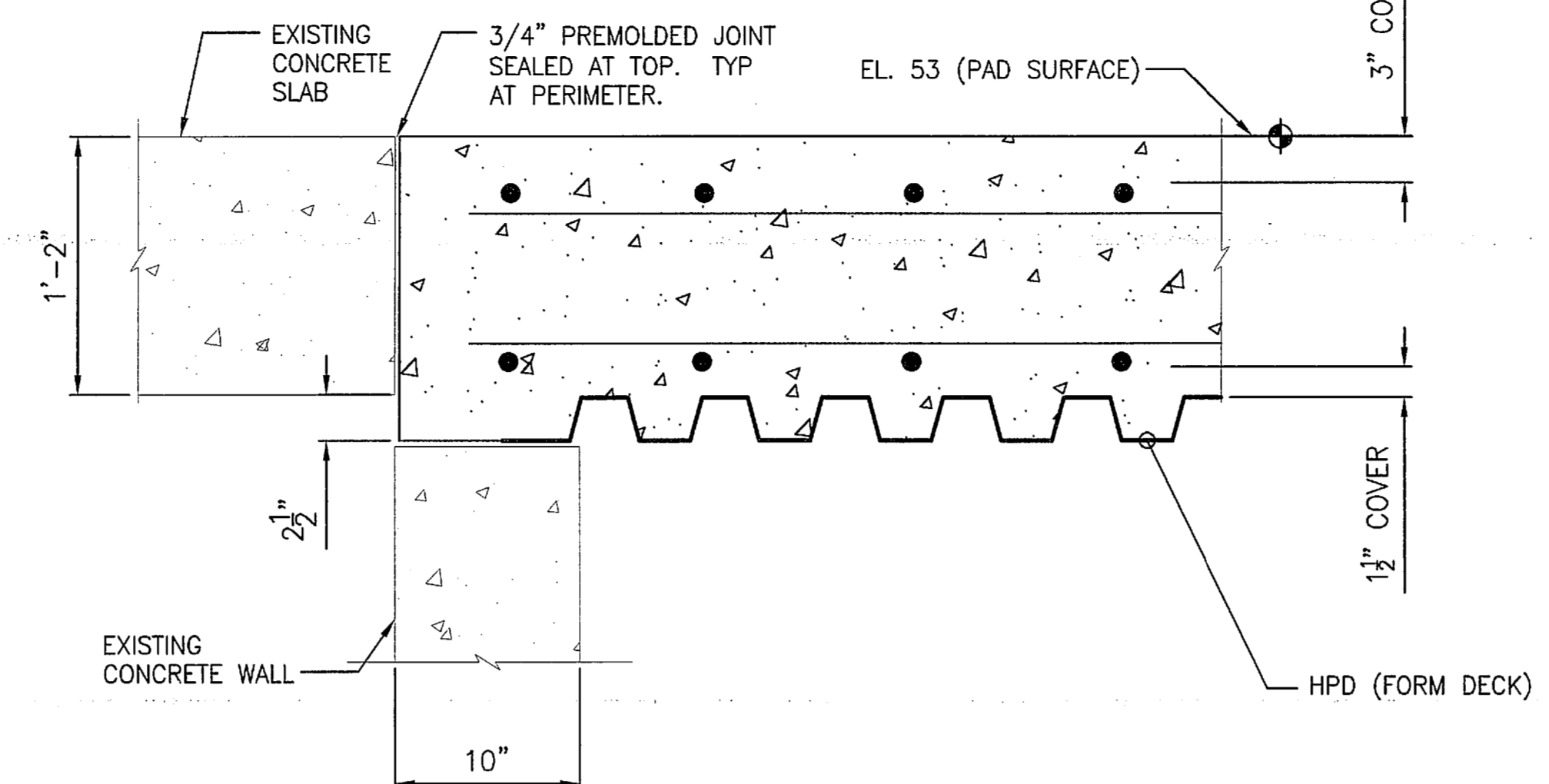
NTS - SOURCE FILE 79K10338 SHEET S13

SYM		ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS					
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005006-S81.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		06/24/09		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09		LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE FSS FOUNDATION ELEVATOR ENCLOSURE DETAILS	
DESIGNED		06/24/09			
SUBMITTED		6/24/09			
APPROVED		DATE		SIZE	DWG. NO.
TITLE		DATE		F	222W2200001
PROJECT		NO.		REV	
S81		98580		96	

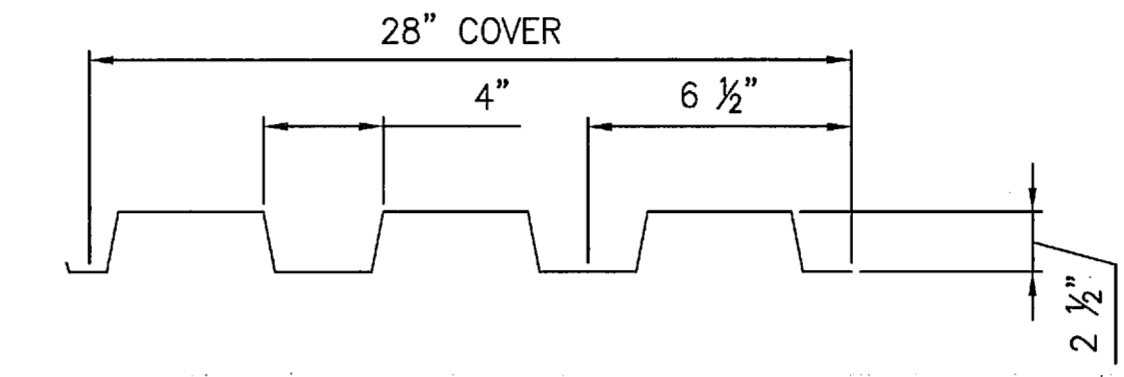
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PLAN
NTS



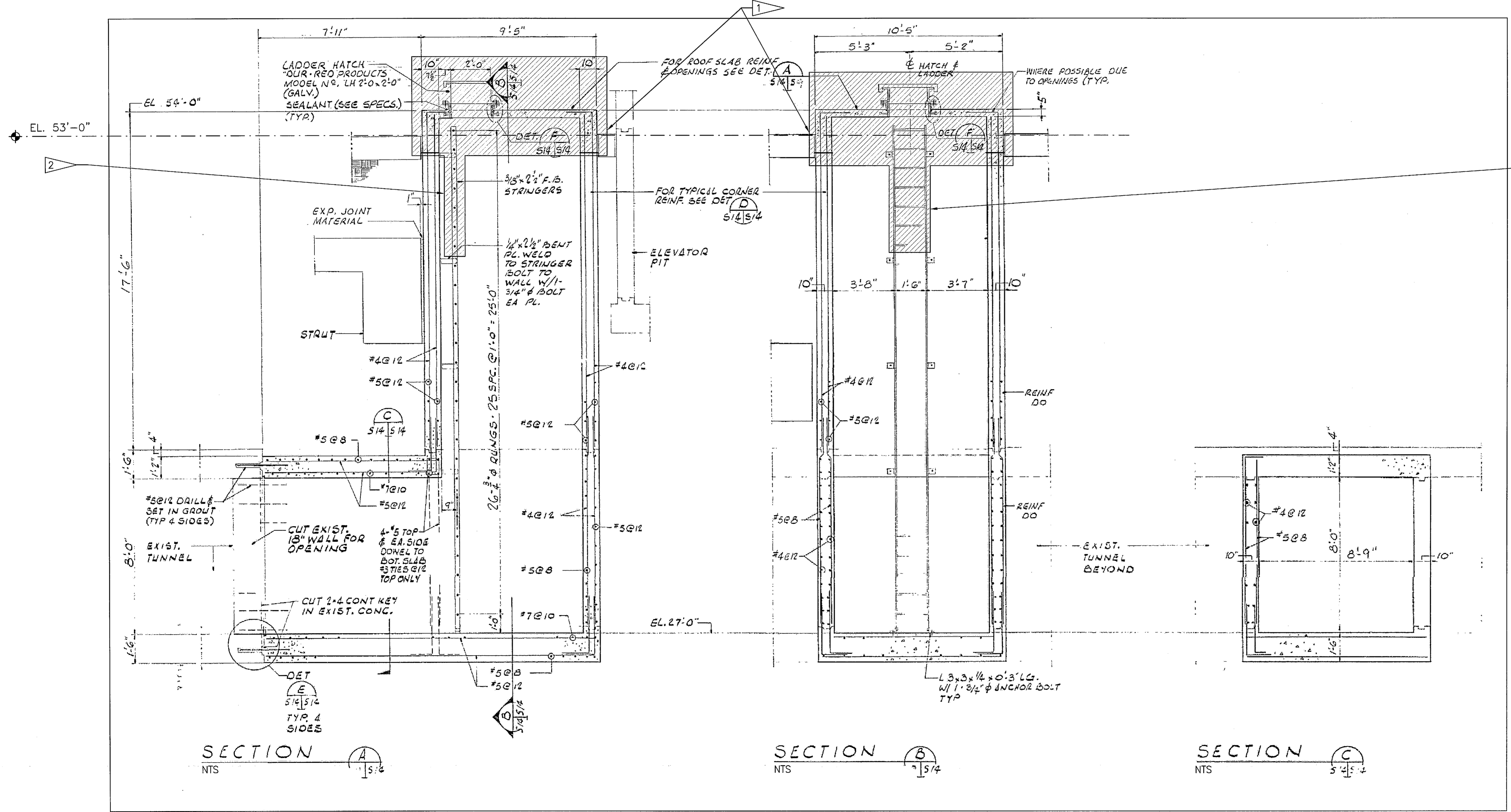
SECTION A-A
SCALE: 1 1/2"=1'-0"



TYPE HDP GAGE 10
FINISH GALV. G90
Sp 1.99 in.³ Sn 1.99 in.³
I. 2.89 in.⁴ Fy min. 40 ksi

HPD FORM DECK

CABLE TRAY SHAFT COVER PLAN AND TYP. SECTION (NEW CONSTRUCTION)



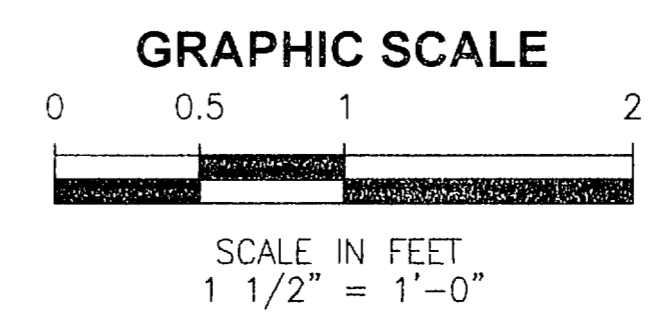
SECTION A
NTS

SECTION B
NTS

SECTION C
NTS

FSS FOUNDATION CABLE TRAY TUNNEL DETAILS

NTS - SOURCE FILE 79K10338 SHEET S14



FLAG NOTES

- 1 DEMOLISH CONC CABLE TRAY TUNNEL TO 16 1/2" BELOW EXISTING PAD SURFACE ELEVATION (EL. 53). PLACE 14" CONC SLAB WITH 2 1/2" DECK OVER OPENING
- 2 CUT LADDER ABOVE SECOND SUPPORT AND REMOVE UPPER PORTION.

GENERAL NOTES

- 1. FOR GENERAL NOTES, SEE SHEET S77.

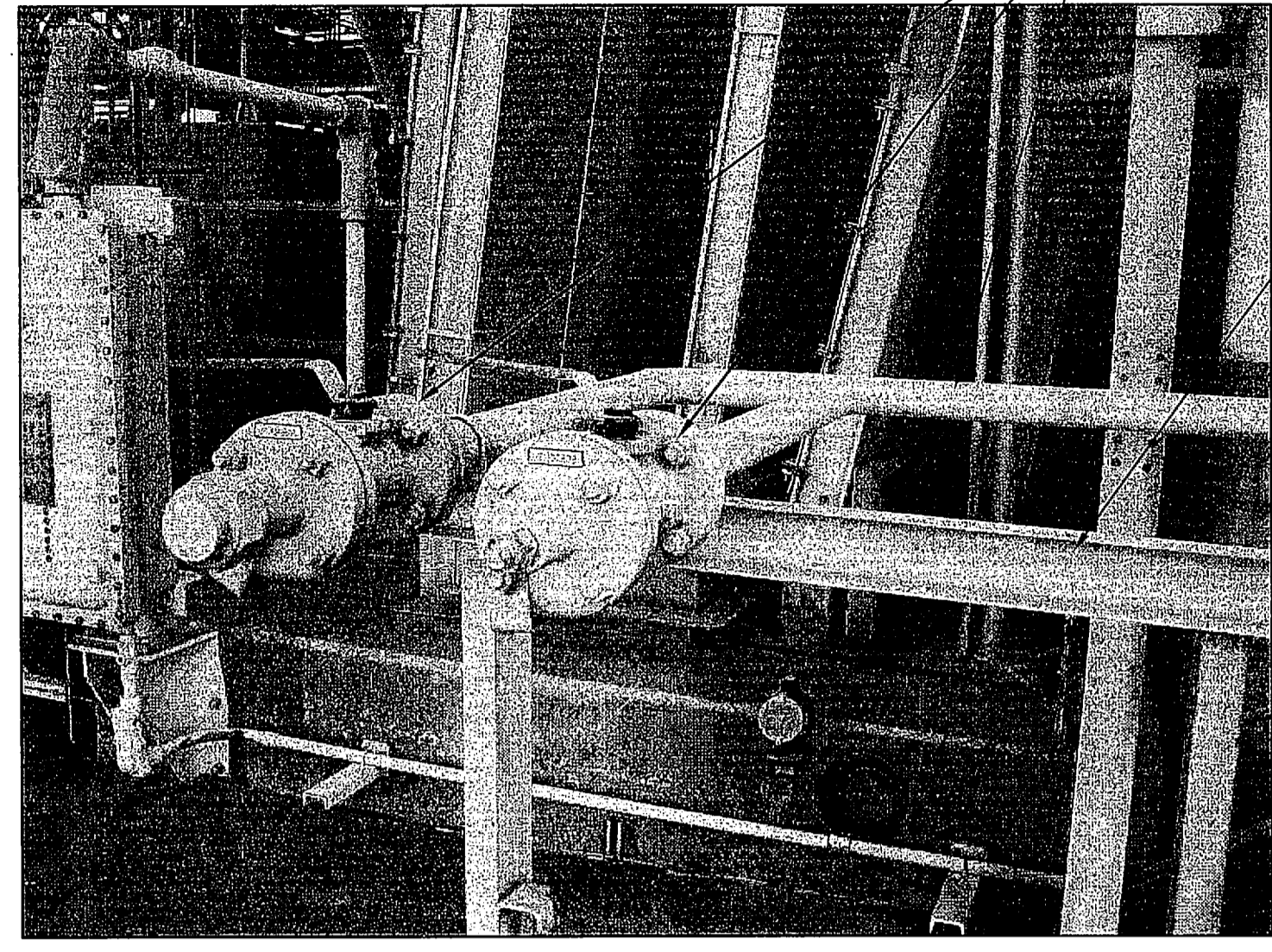
SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
THIS DRAWING CREATED IN AUTOCAD 2007 FILE FORMAT AND WILL BE REVISED ONLY ON AN AUTOCAD SYSTEM. FILE: 14005008-S82.DWG				



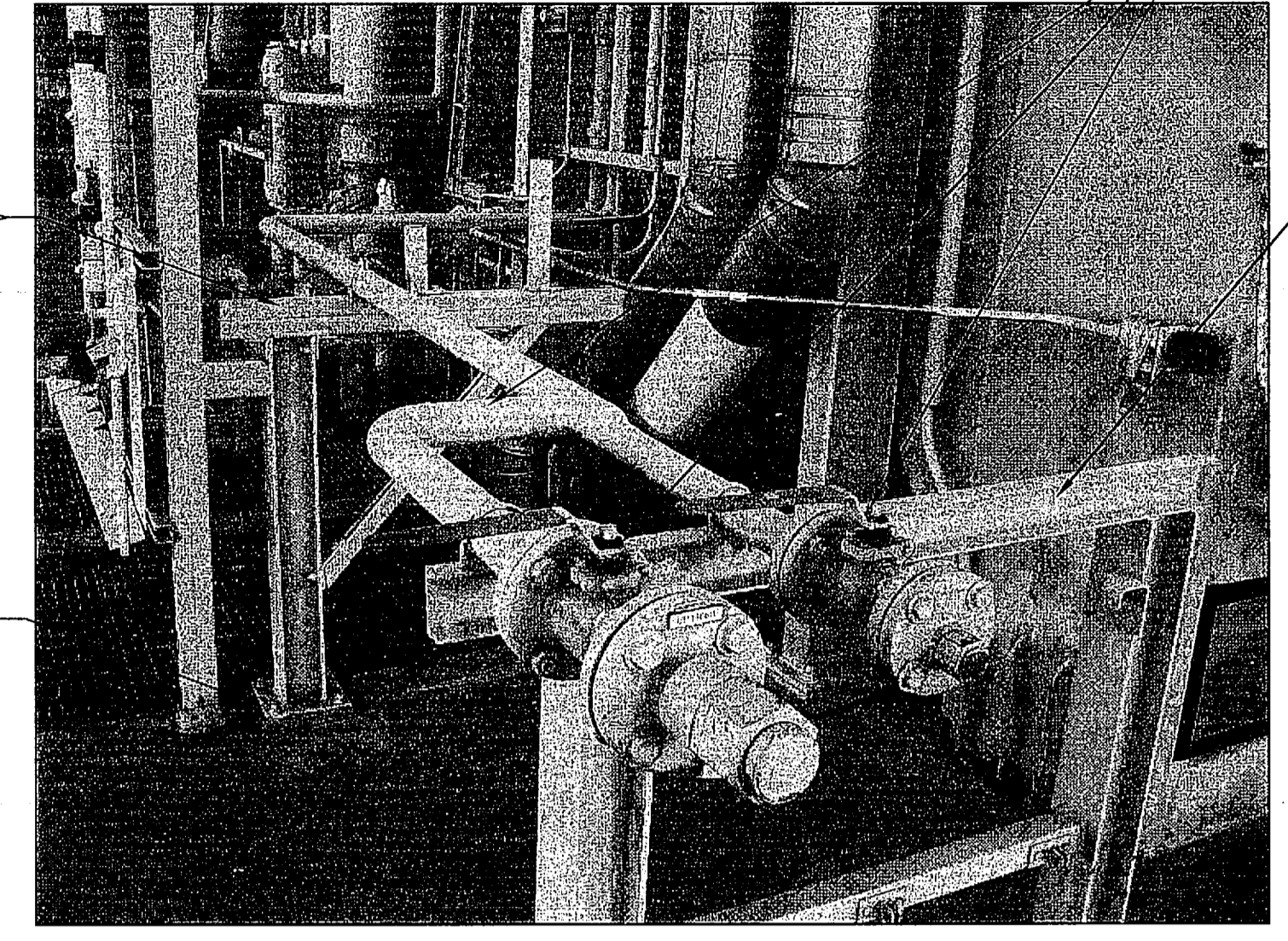
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE., SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED J. HARTLEY	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	FSS FOUNDATION CABLE TRAY TUNNEL DETAILS
SUBMITTED L. W. P.	6/24/09	
APPROVED [Signature]	DATE 6/24/09	SIZE DWG. NO. F 222W2200001
S82		PROJ. NO. 98580 SHEET 97

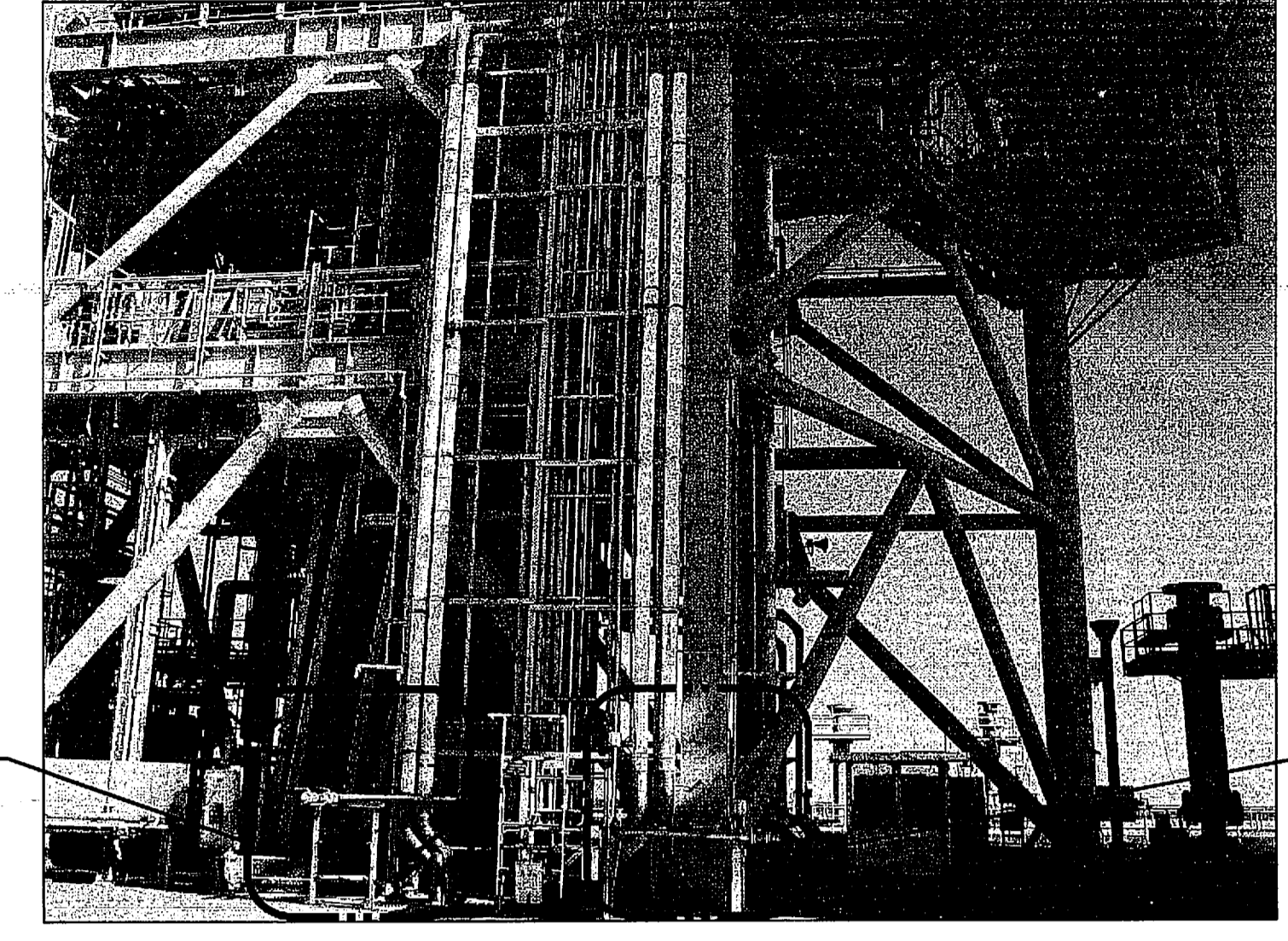
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N204 VENT AND DRAIN AT FSS SIDE 3 (1) S83
NTS - FSS SIDE 3 AT PAD SURFACE

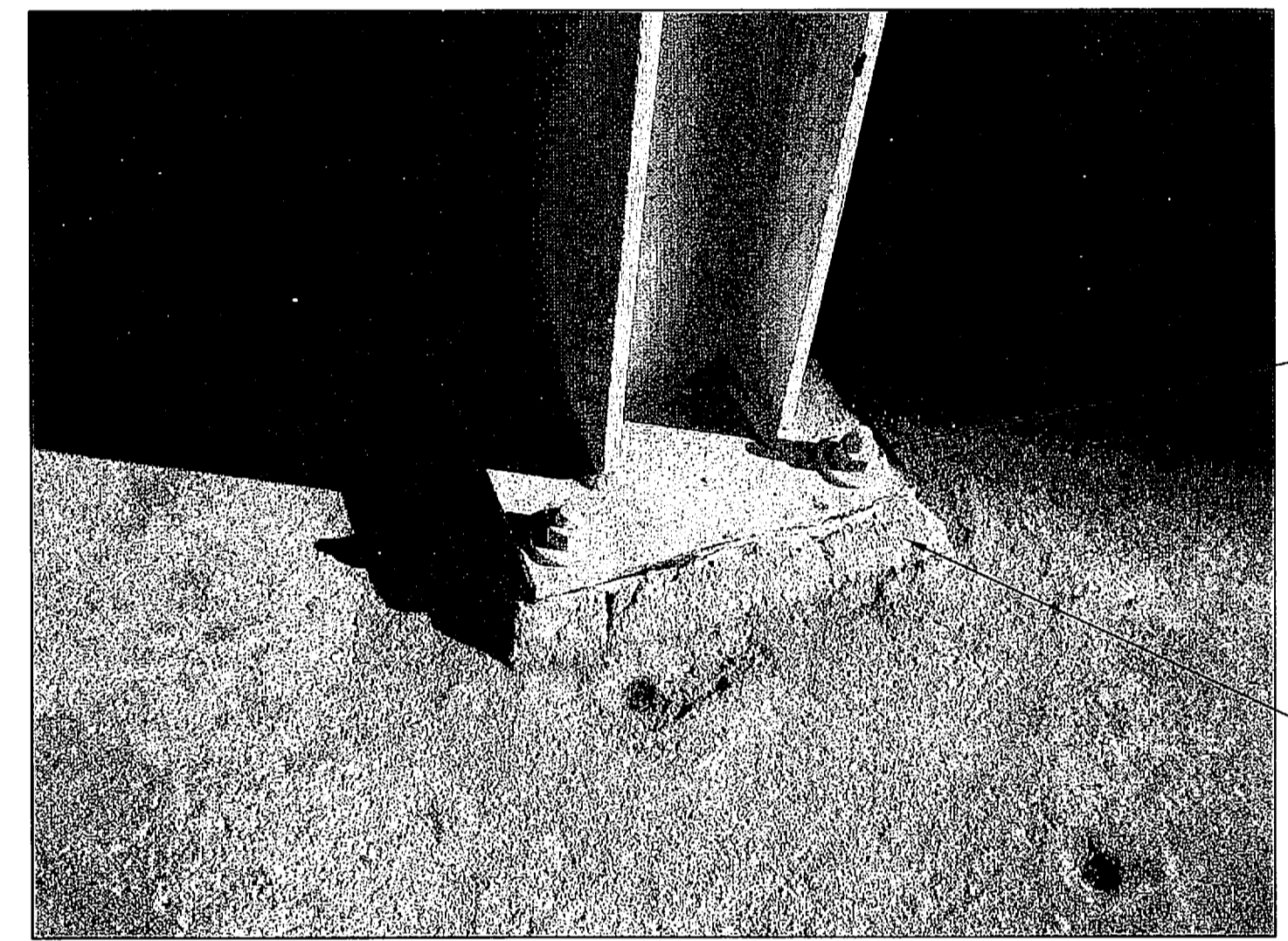


MMH VENT AND DRAIN AT FSS SIDE 2 (2) S83
NTS - FSS SIDE 2 AT PAD SURFACE

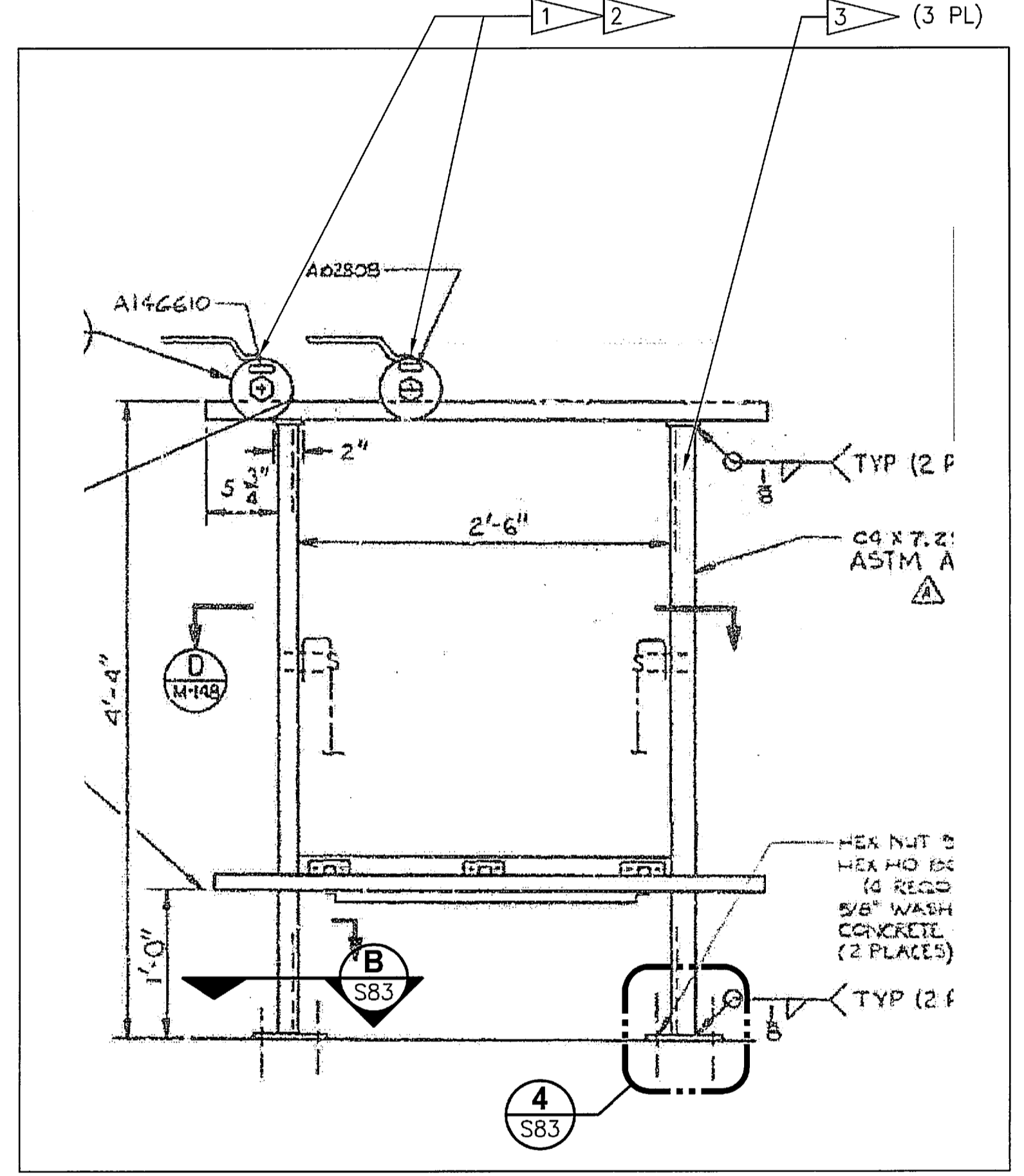


MMH AND N204 VENT AND DRAIN (3) S83
NTS - FSS SIDE 3 AT PAD SURFACE

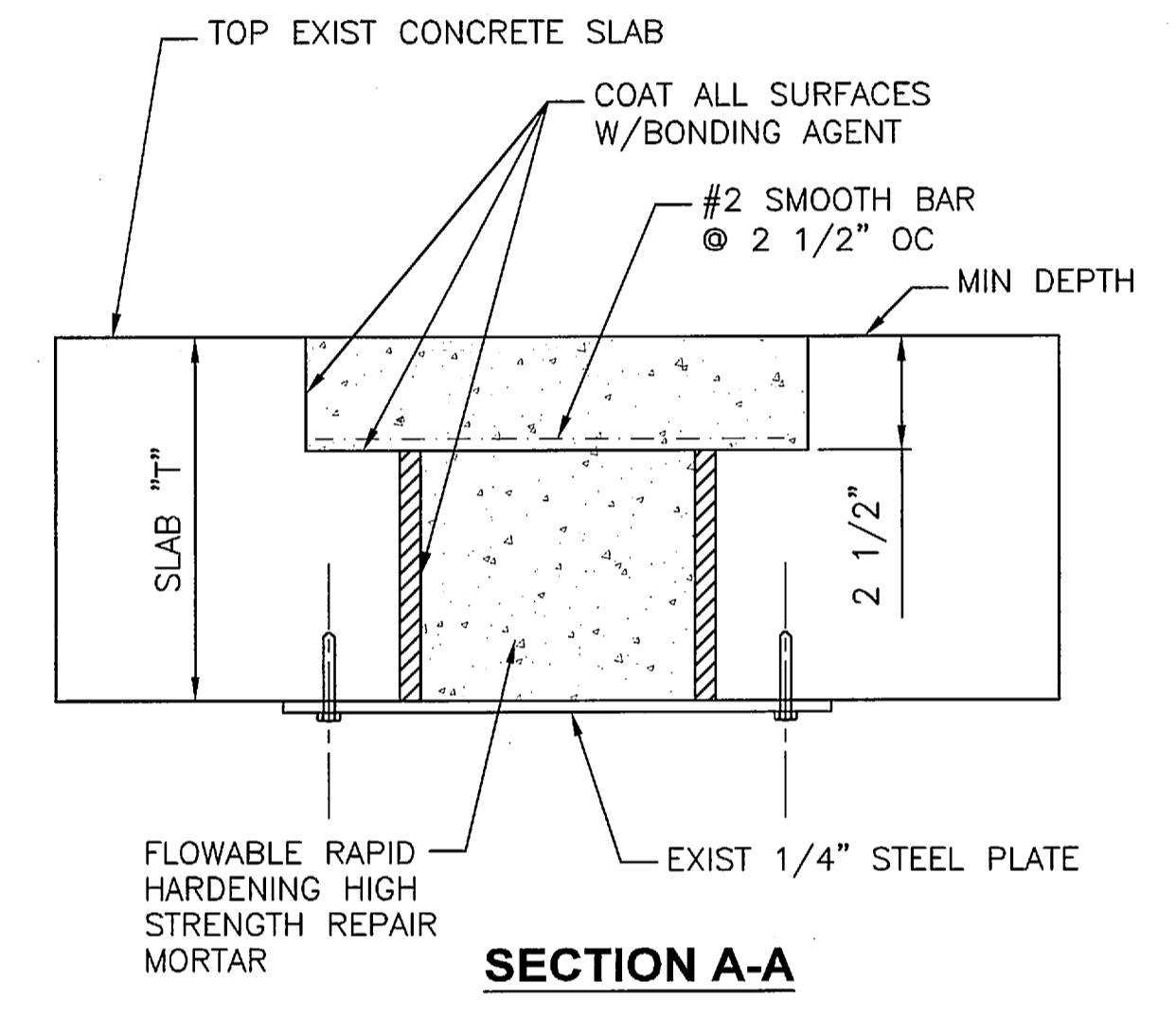
- GENERAL NOTES**
- THE N204 AND MMH SYSTEMS INCLUDING PIPING WILL BE REMOVED BY OTHERS PRIOR TO DEMOLITION.
 - FOR GENERAL NOTES, SEE SHEET S77.
- FLAG NOTES**
- N204 VALVES AND PIPE SECTIONS WILL BE REMOVED BY OTHERS.
 - MMH VALVES AND PIPE SECTIONS WILL BE REMOVED BY OTHERS.
 - UNBOLT SUPPORT STRUCTURE FROM PAD SURFACE AND DISCARD (TYP). SEE SECTION (B) S83
 - REMOVE EXISTING STUDS AND REMOVE GROUT PADS FLUSH WITH PAD SURFACE. CUT OFF ANCHOR BOLTS FLUSH WITH PAD SURFACE.
 - REMOVE TOP PLATE. 1/4" GALVANIZED STEEL SECURED TO PAD WITH TAP-CONS OR ANCHORS.
 - FILL 6" HOLE SEE DETAIL (C) S83
 - BOTTOM PLATE TO REMAIN.
 - SAFE WASTE DRAIN PREVIOUSLY BLIND FLANGED.



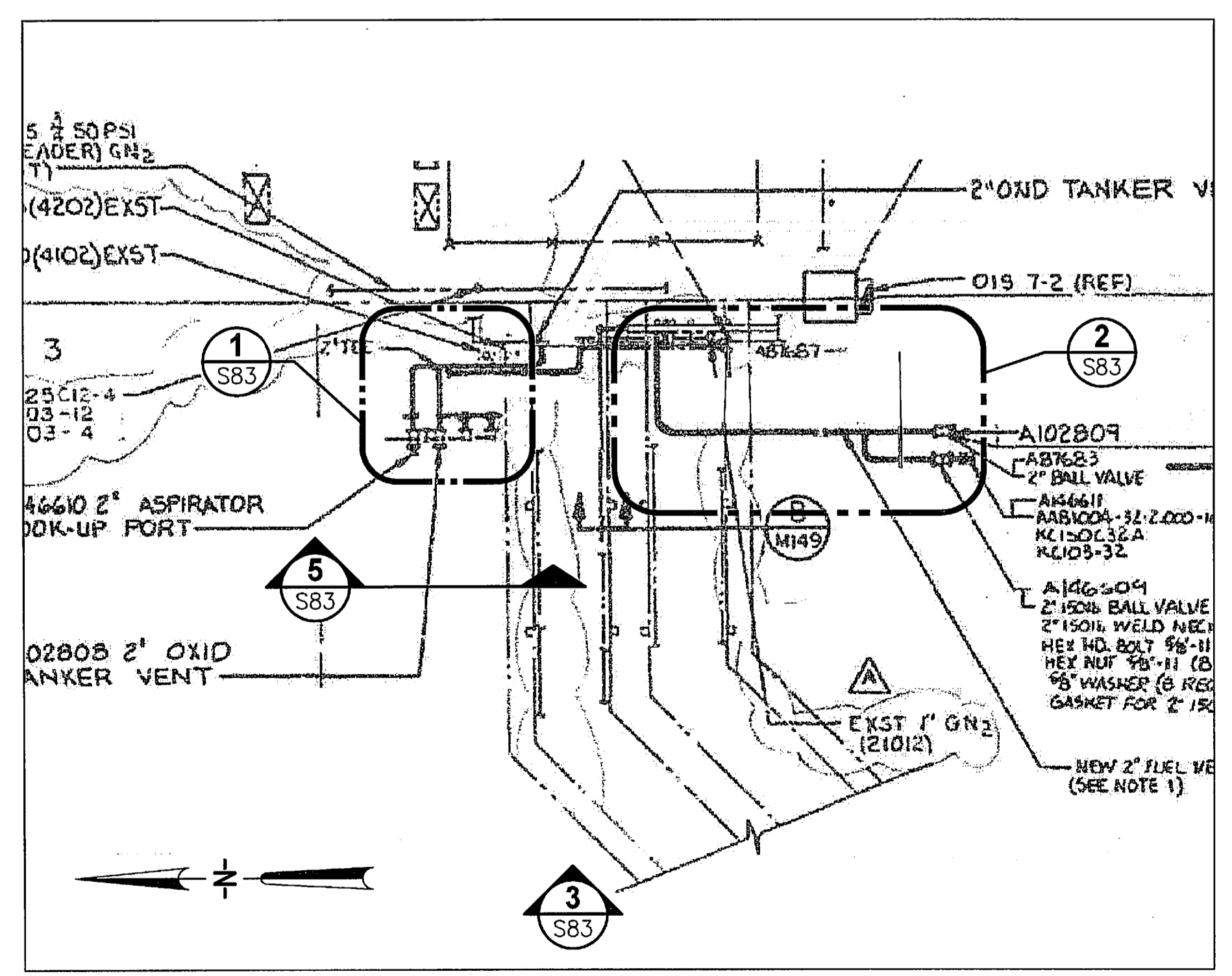
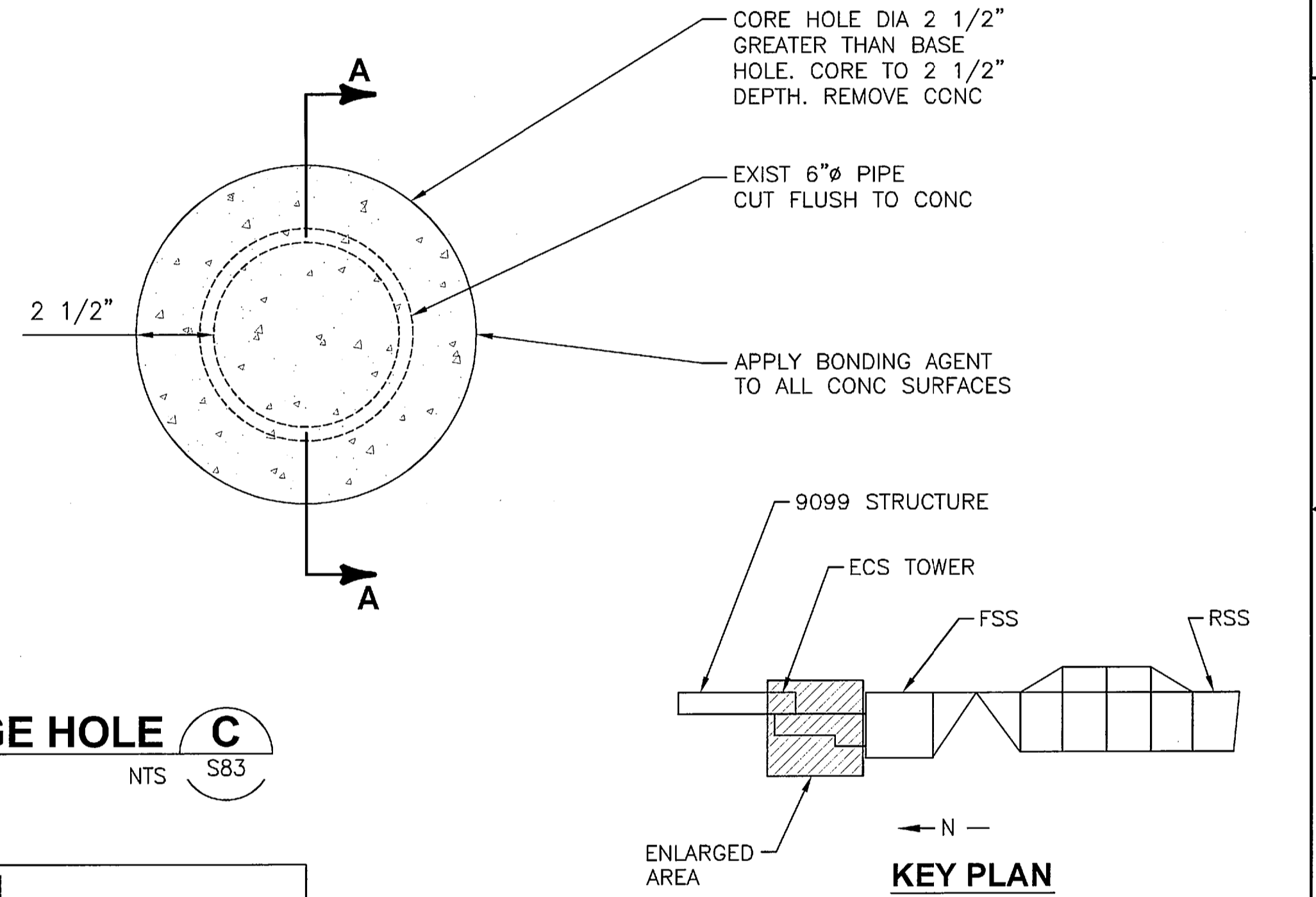
N204 AND MMH SUPPORT STRUCTURE ANCHOR PLATE (4) S83
NTS - FSS SIDE 2 AT PAD SURFACE



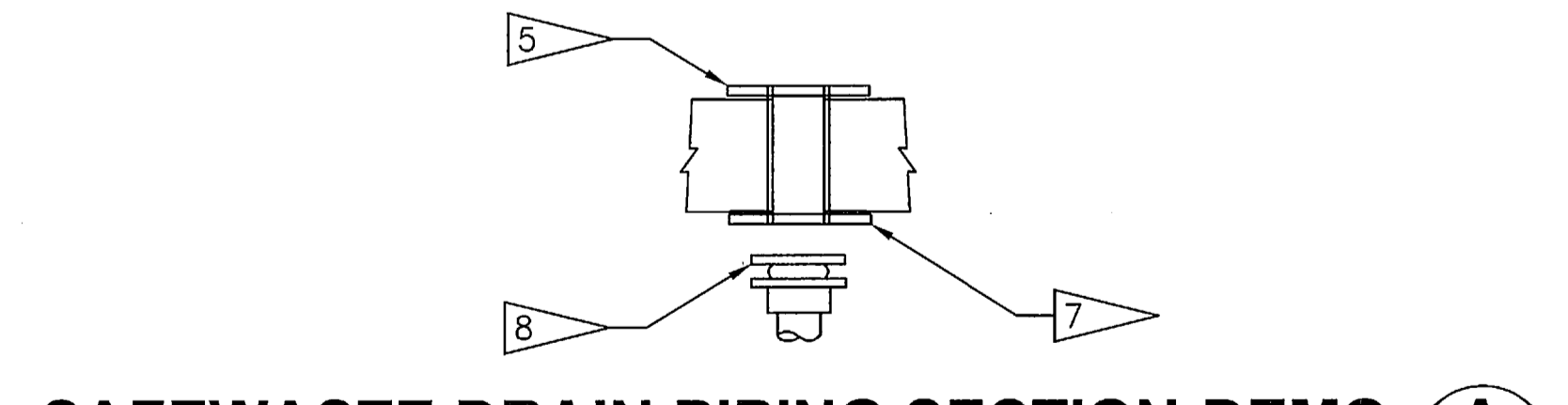
N204 DISCONNECT AT FSS SIDE 3 (MMH DISCONNECT SIMILAR) (5) S83
NTS - FSS SIDE 3 AT PAD SURFACE



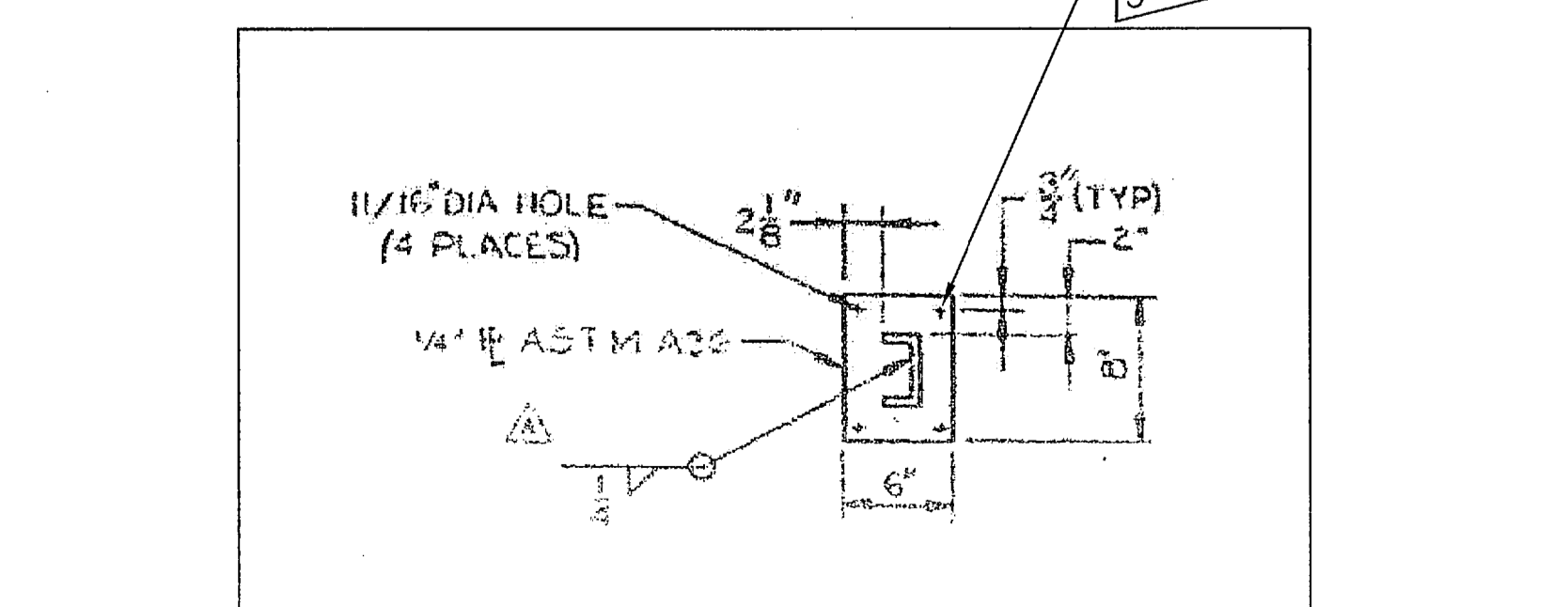
PATCH PLAN LARGE HOLE (C) S83
NTS



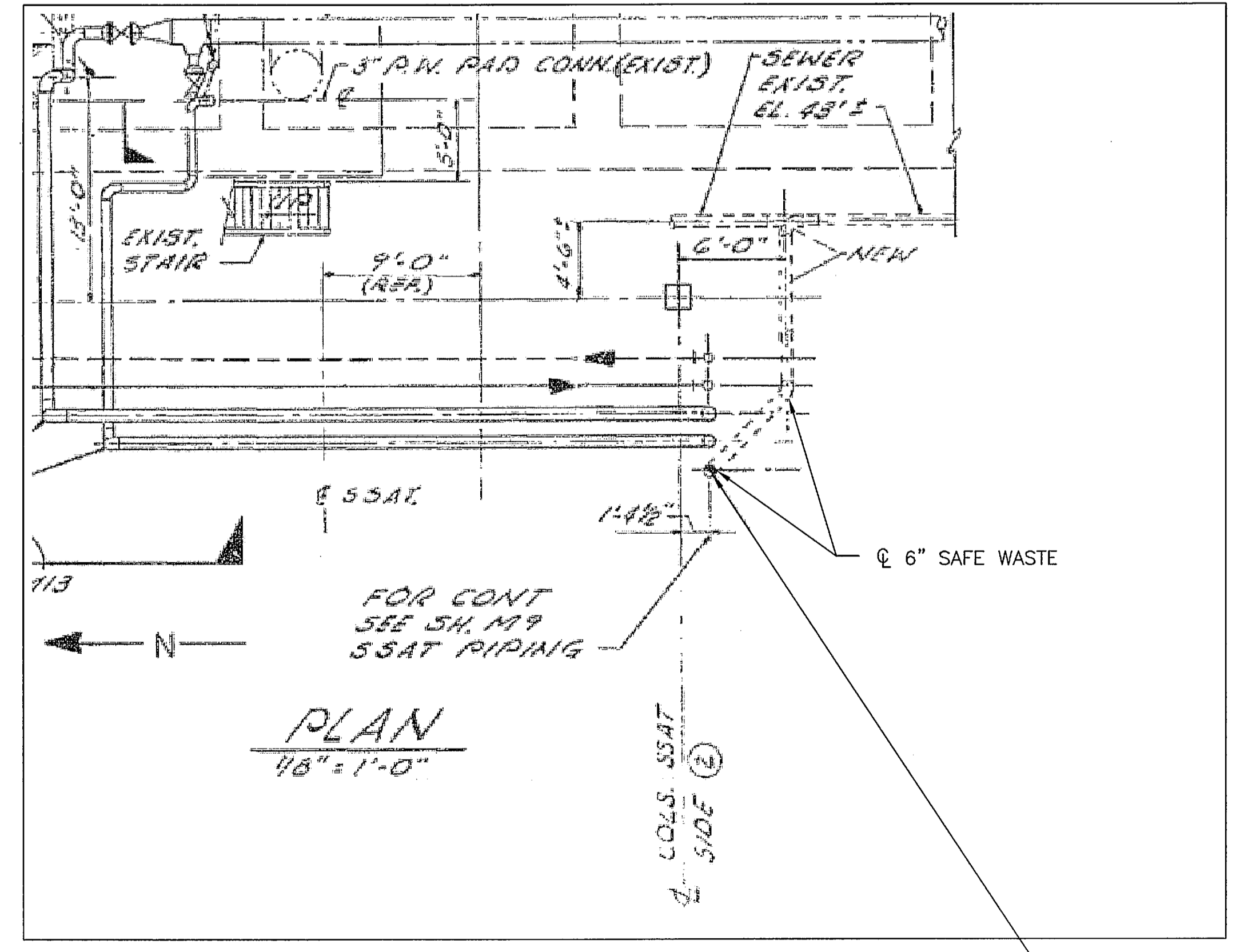
N204 AND MMH PIPING AT FSS PAD SURFACE - PLAN
NTS - SOURCE FILE 79K24048 DWG M-143, SHEET 656



SAFEWASTE DRAIN PIPING SECTION-DEMO (A) S83
NTS - SOURCE FILE 79K10338 DWG M13, SHEET 247



N204 AND MMH PIPE SUPPORT LEG SECTION (B) S83
NTS - FSS SIDE 3 AT PAD SURFACE



SAFEWASTE DRAIN PIPING PLAN
NTS - SOURCE FILE 79K10338, DWG M13, SHEET 247

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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JONES EDMUNDS				
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SIGNATURES		DATE		
DRAWN S. HAFERKAMP		06/24/09		
CHECKED S. BHIDE		06/24/09		
DESIGNED N. PONTILLO		06/24/09		
SUBMITTED NP		6/24/09		
APPROVED		DATE		
TITLE		DATE		
S83		DATE		
PROJECT NO. 98580		SHEET 98		

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

LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE

PIPE SUPPORT DEMOLITION AND PAD REPAIR DETAILS

SIZE DWG. NO. 222W2200001
PROJ. NO. 98580 SHEET 98

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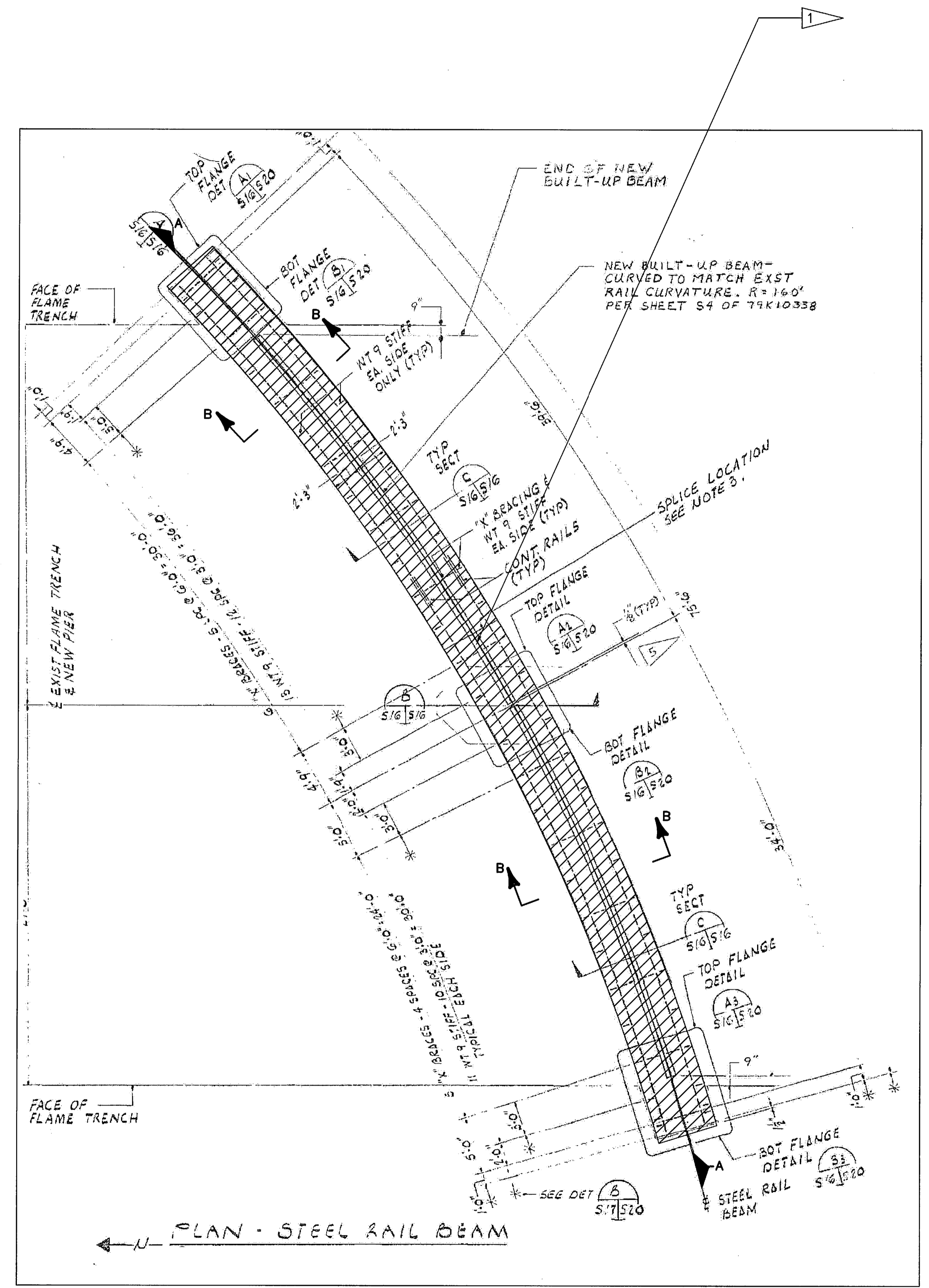
FLAG NOTES

TO BE DEMOLISHED
 1 ▷ RSS RAIL BRIDGE ACROSS FLAME TRENCH

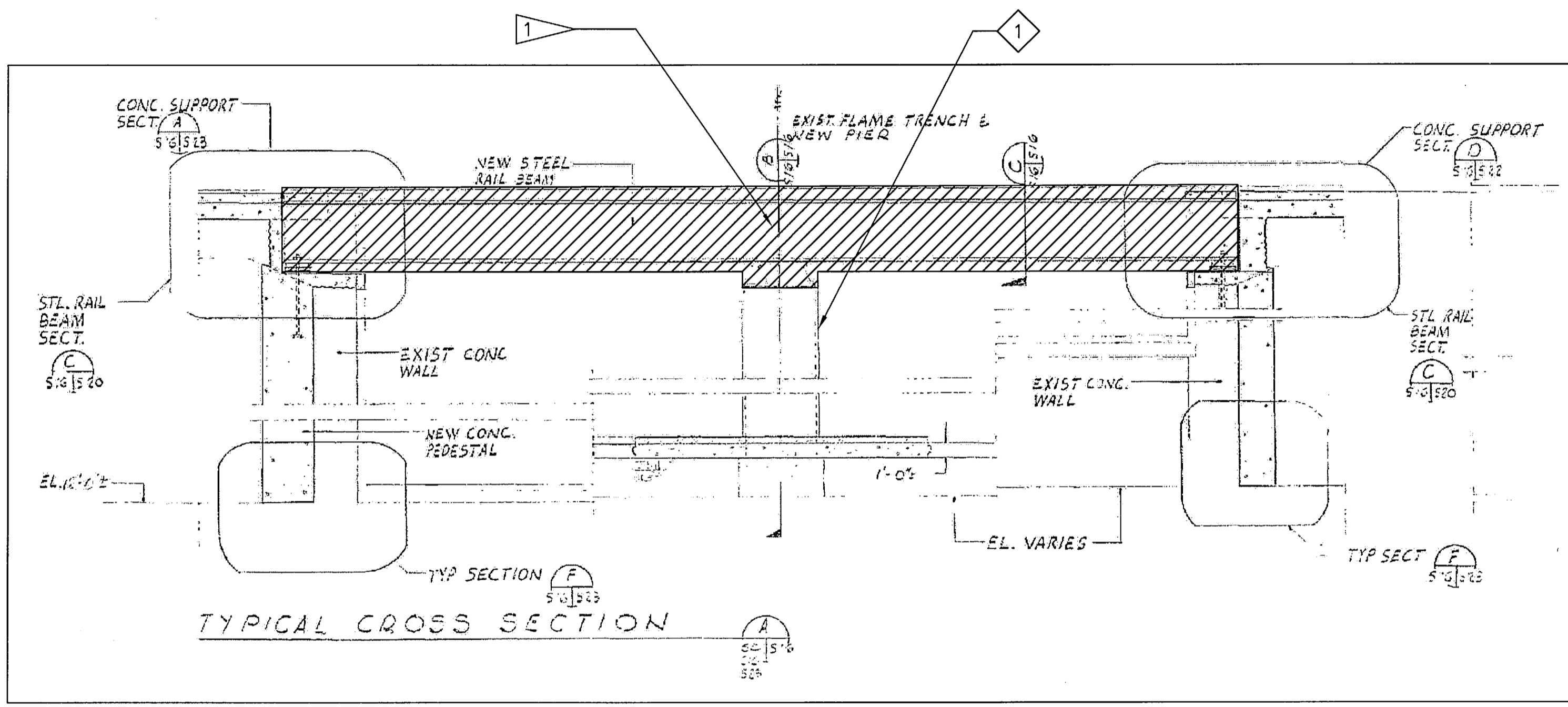
TO REMAIN
 1 ◊ CONCRETE BRIDGE PIER

LEGEND

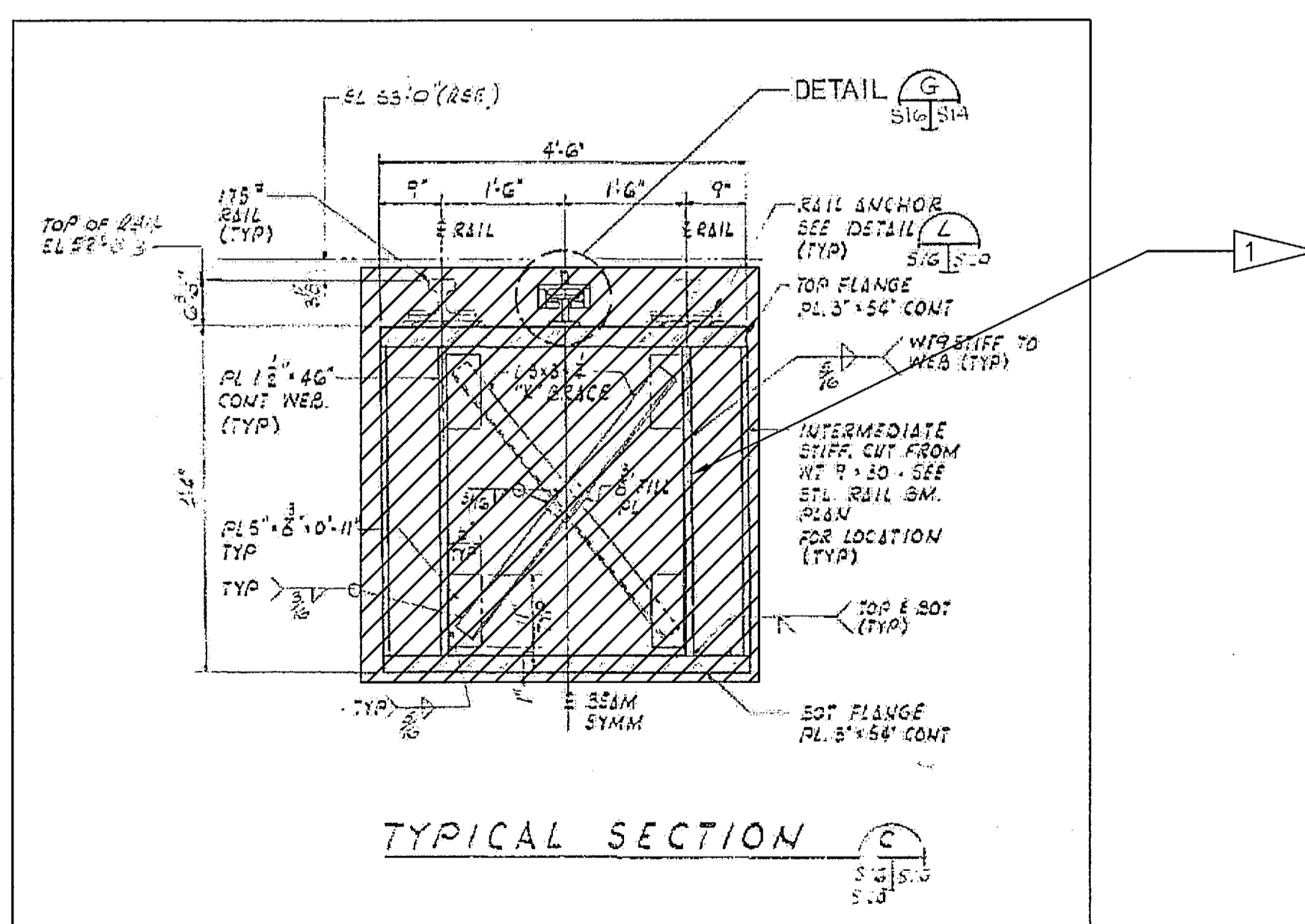
 DEMOLISH EXISTING



RSS RAIL BRIDGE PLAN VIEW
 NTS - SOURCE FILE 79K10338 SHEET S16



RSS RAIL BRIDGE - A-A
 NTS - SOURCE FILE 79K10338 SHEET S16



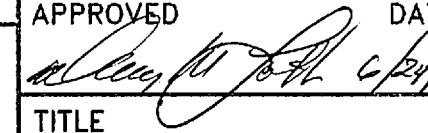
BRIDGE GIRDER SECTION B-B
 NTS - SOURCE FILE 79K10338 SHEET S16

THIS SPACE RESERVED

SYM	ZONE	DESCRIPTION	DATE	APPROVED
REVISIONS				
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SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE RAIL BEAM PLAN AND PROFILE - DEMO
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED JUP	6/24/09	

APPROVED	DATE	SIZE	DWG. NO.	REV
	6/24/09	F	222W2200001	
TITLE		PROJ. NO.	SHEET	
S84		98580	99	

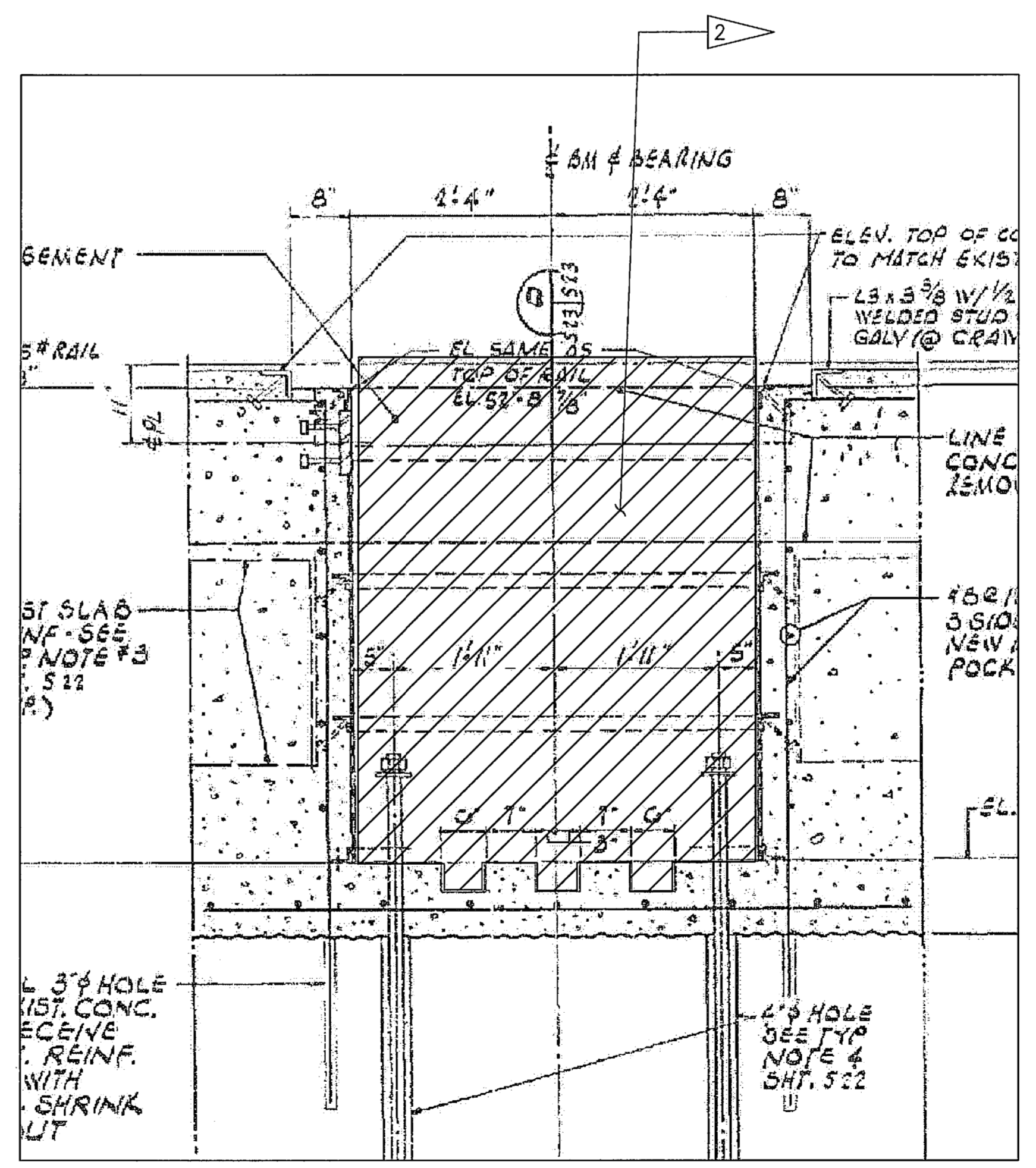
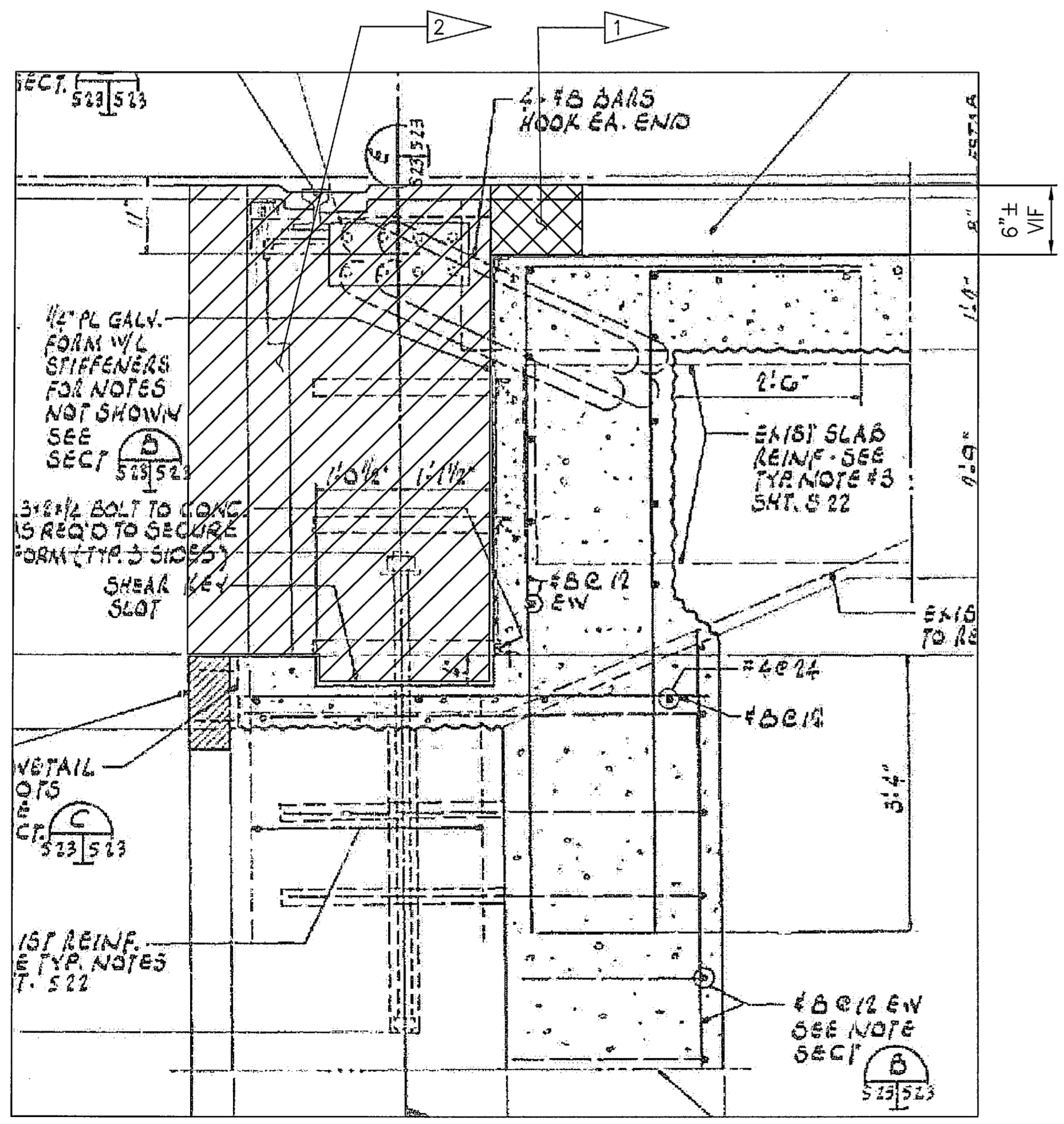
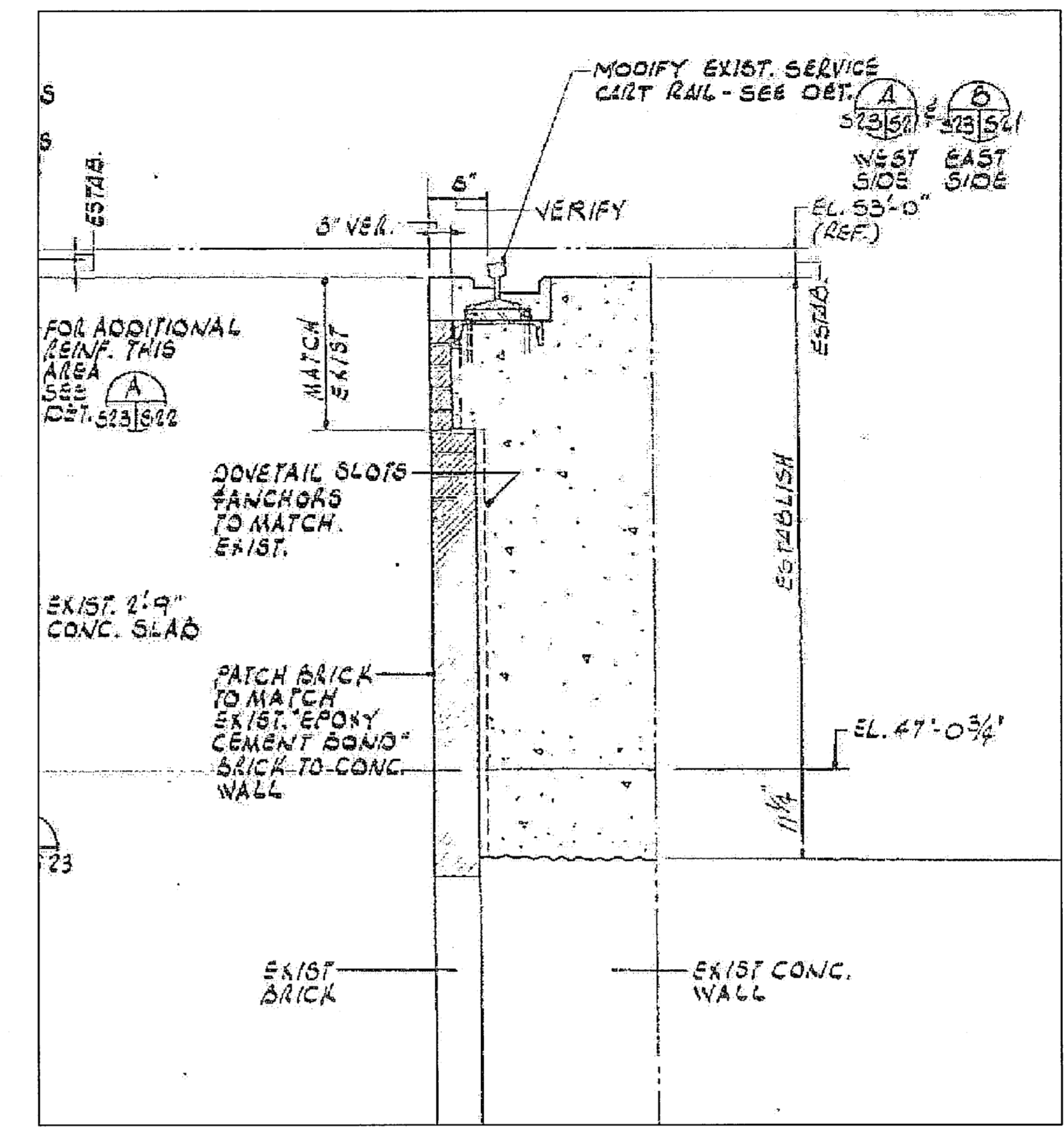
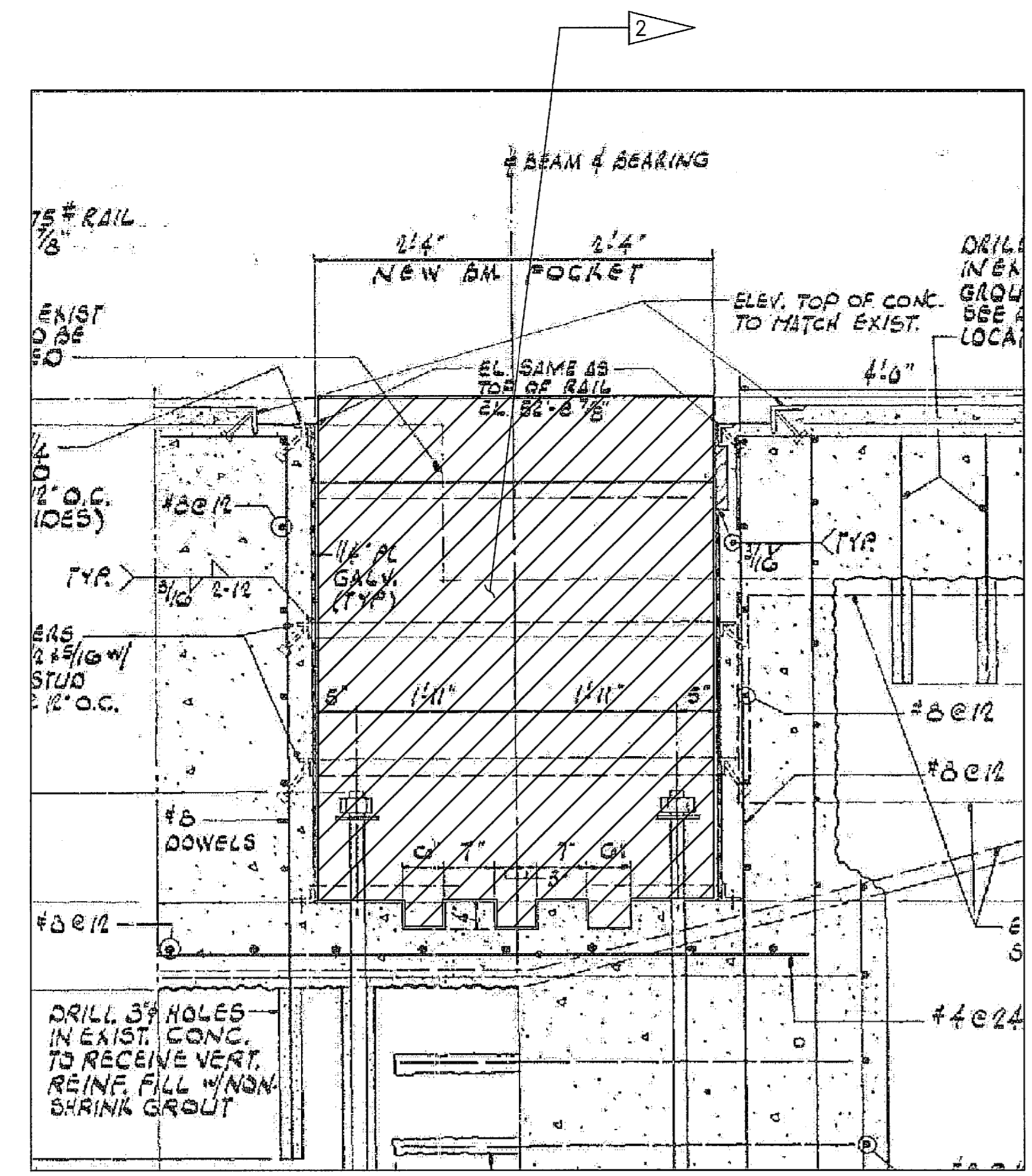
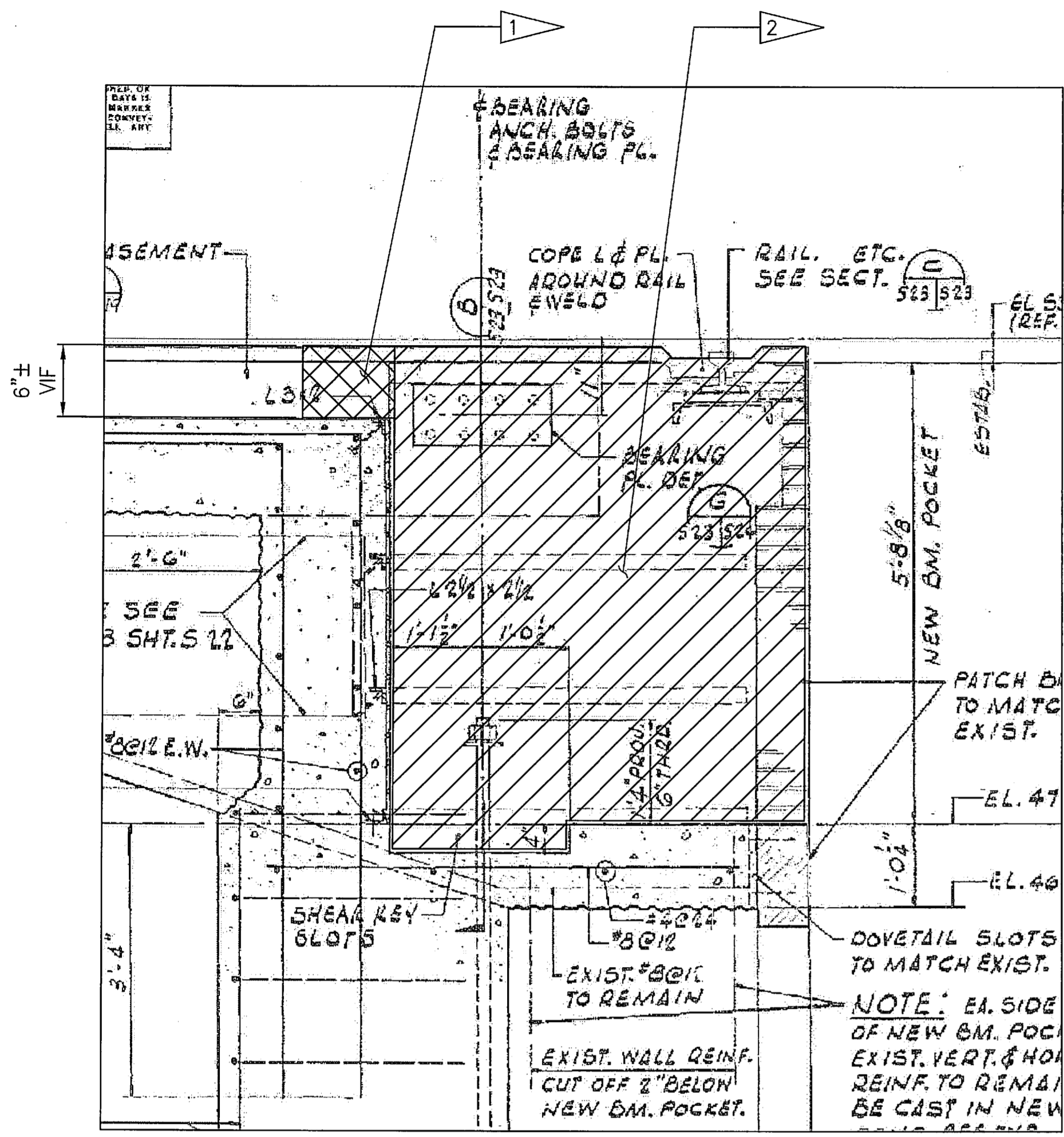
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FLAG NOTES

- 1 REMOVE ERODED CONCRETE AROUND RSS RAIL UP TO 1'-0" BEYOND BEAM POCKET
- 2 REMOVE RSS RAIL BRIDGE STRUCTURE FROM THIS AREA.

LEGEND

 DEMOLISH EXISTING



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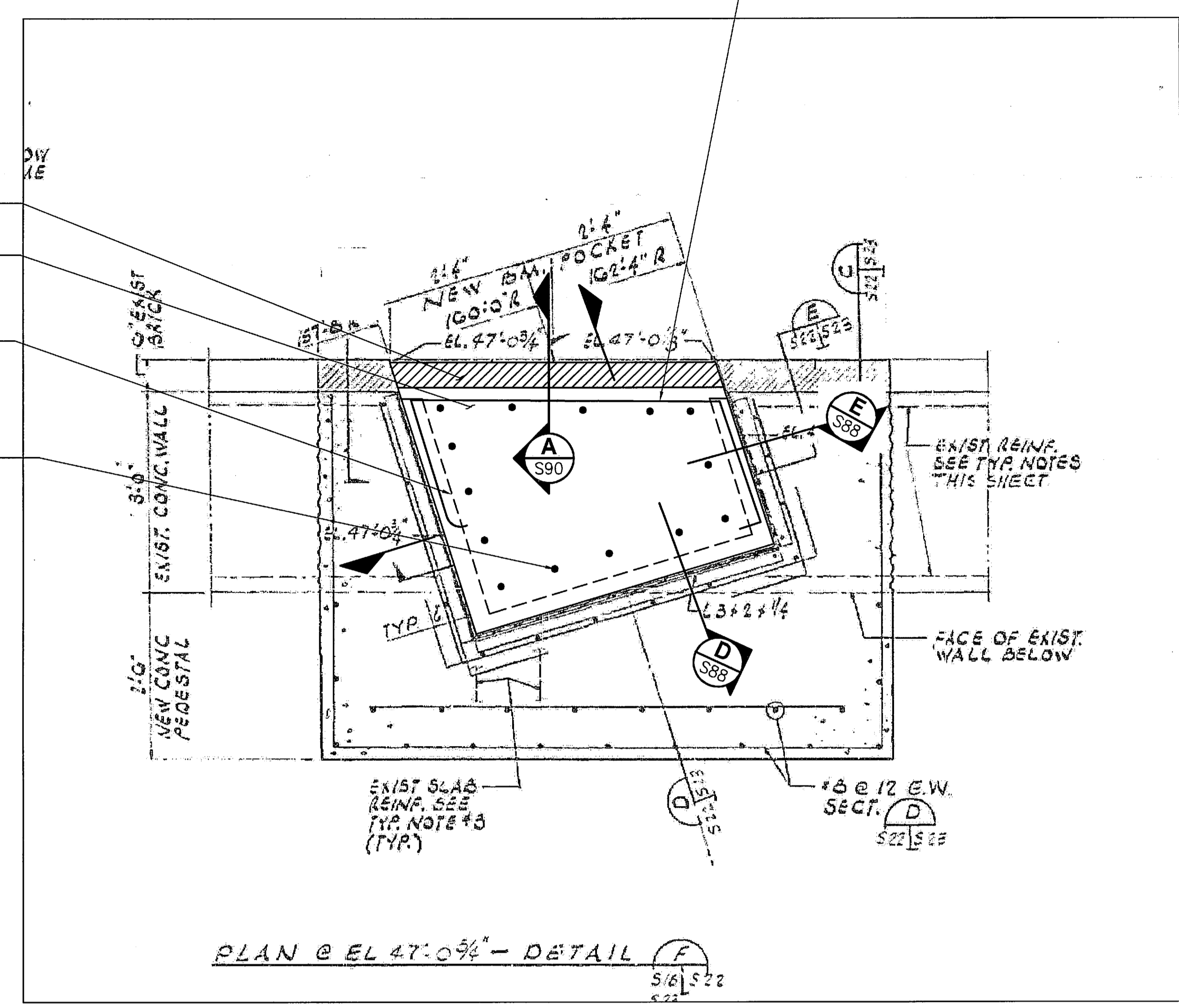
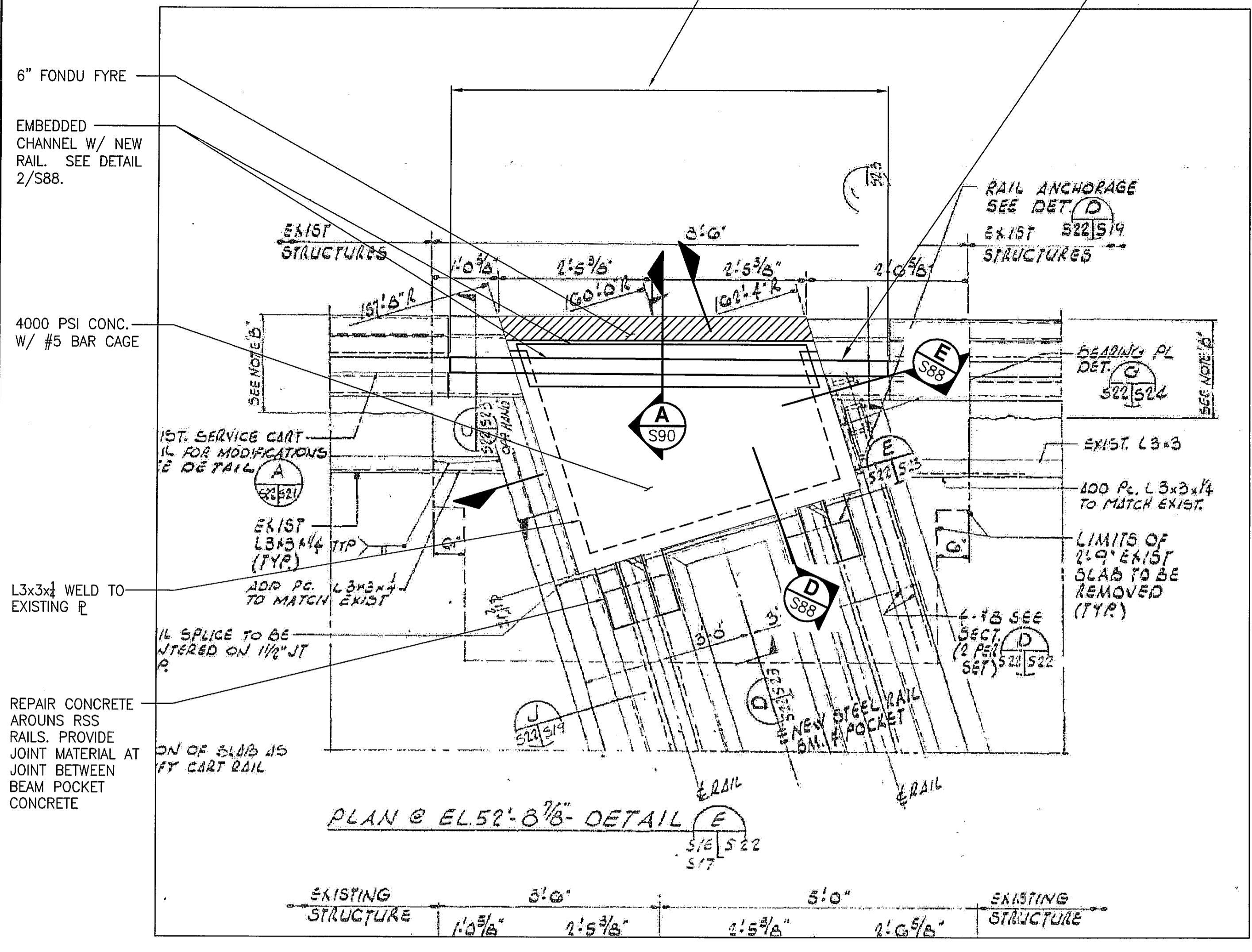
730 NE WALDO ROAD, GAINESVILLE, FLORIDA 32641 / (352) 377-5821
3910 S WASHINGTON AVE, SUITE 210, TITUSVILLE, FLORIDA 32780 / (321) 269-2950

SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE RAIL BEAM SECTIONS - DEMO
DRAWN S. HAFERKAMP	06/24/09	
CHECKED S. BHIDE	06/24/09	
DESIGNED N. PONTILLO	06/24/09	
SUBMITTED [Signature]	6/24/09	
APPROVED [Signature]	DATE 6/24/09	
SIZE DWG. NO. F 222W2200001		REV
PROJ. NO. 98580		SHEET 101

S86

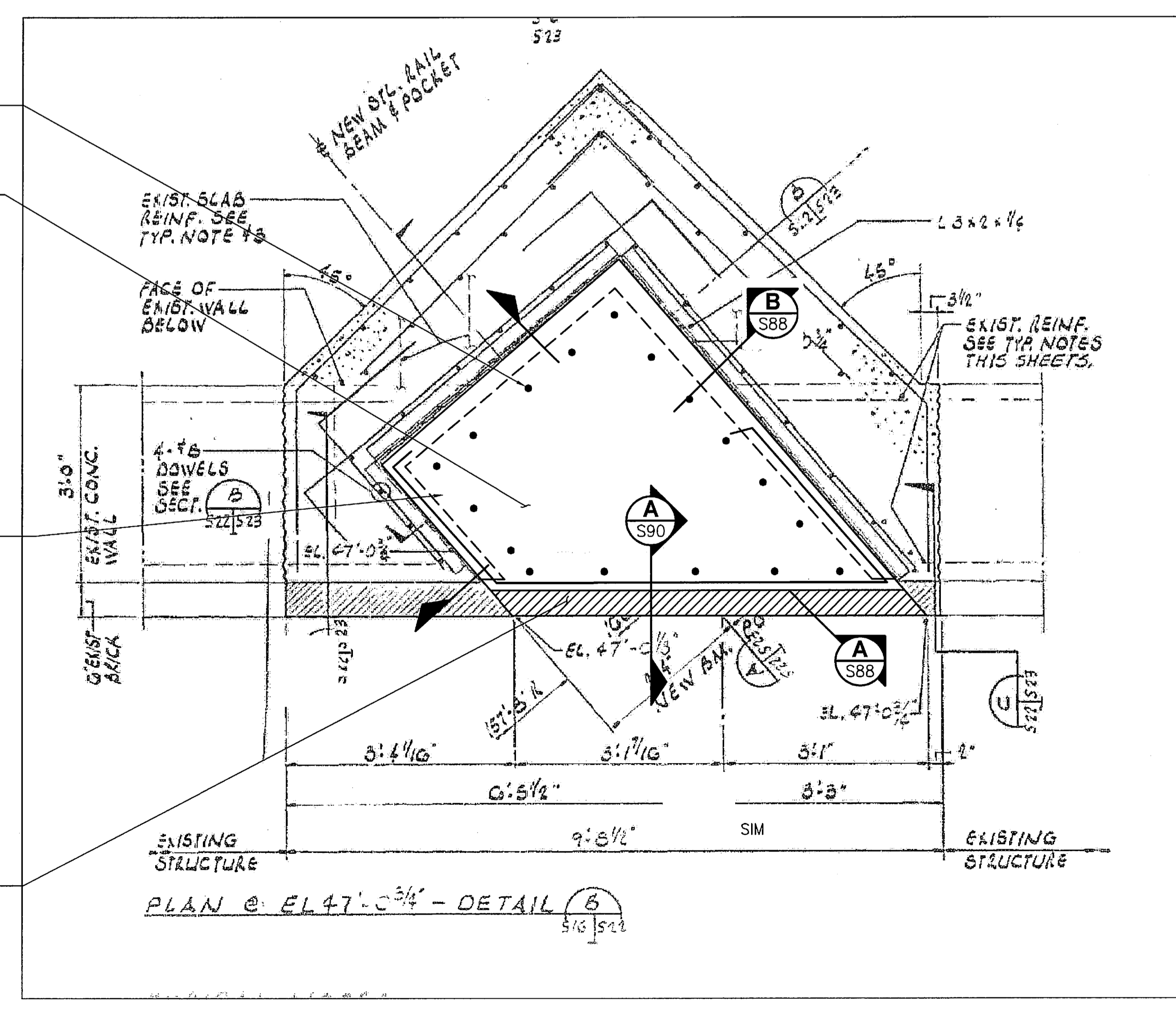
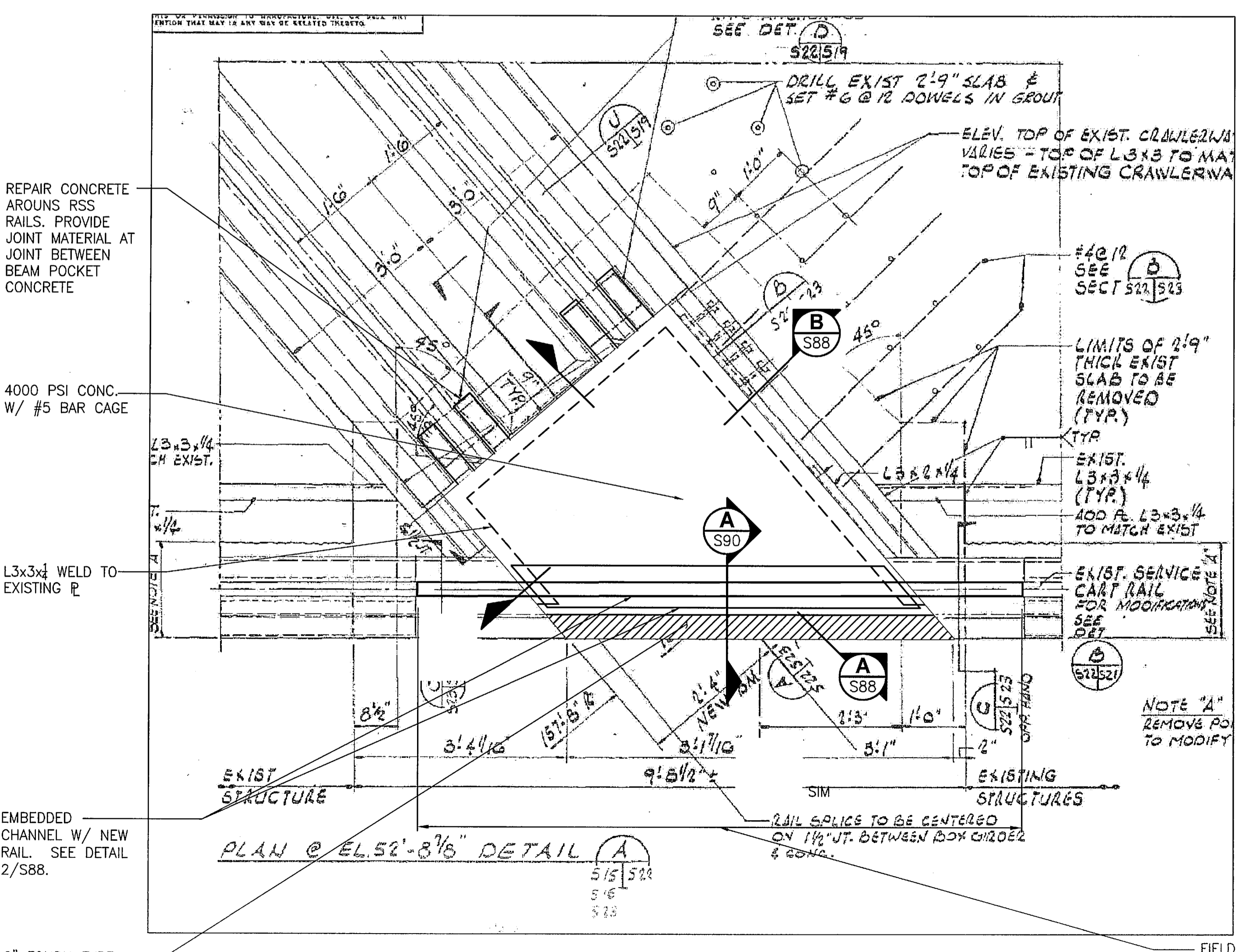
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GENERAL NOTES
 1. FOR GENERAL NOTES, SEE SHEET S77.



WEST RSS RAIL BRIDGE SURFACE REPAIR PLAN - EL 52'-8 7/8"
 NTS - SOURCE FILE 79K10338 SHEET S22

WEST RSS RAIL BRIDGE BEARING REPAIR PLAN - EL 47'-0 3/4"
 NTS - SOURCE FILE 79K10338 SHEET S22



EAST RSS RAIL BRIDGE SURFACE REPAIR PLAN - EL 52'-8 7/8"
 NTS - SOURCE FILE 79K10338 SHEET S22

EAST RSS RAIL BRIDGE BEARING REPAIR PLAN - EL 47'-0 3/4"
 NTS - SOURCE FILE 79K10338 SHEET S22

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SIGNATURES		DATE		
DRAWN		06/24/09		
CHECKED		06/24/09		
DESIGNED		06/24/09		
SUBMITTED		6/24/09		
APPROVED		DATE		
TITLE		DATE		

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

LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE

RAIL BEAM PLAN - NEW

S87	DATE	SIZE	DWG. NO.	REV
		F	222W2200001	
			PROJ. NO. 98580	

SHEET 102

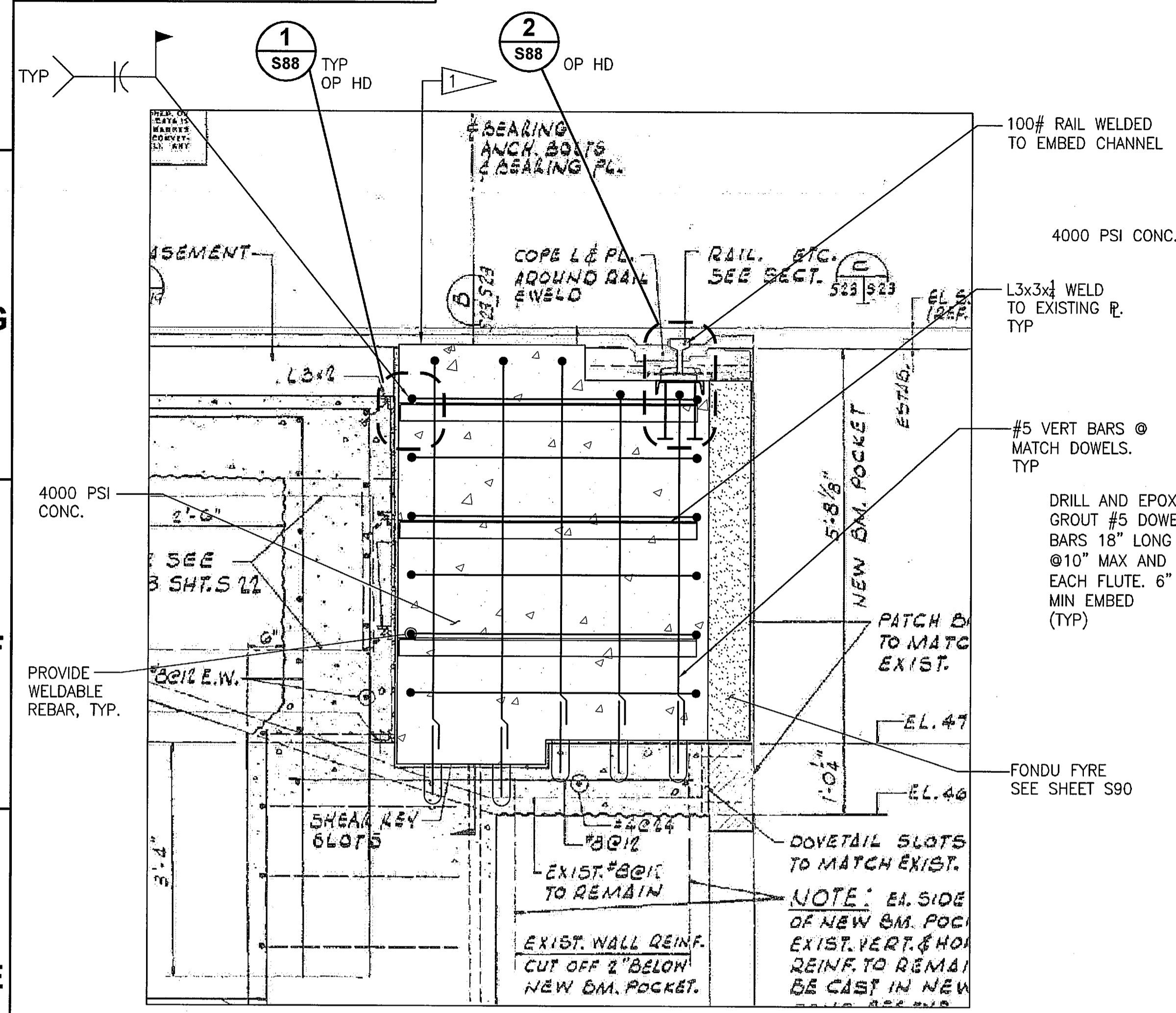
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GENERAL NOTES

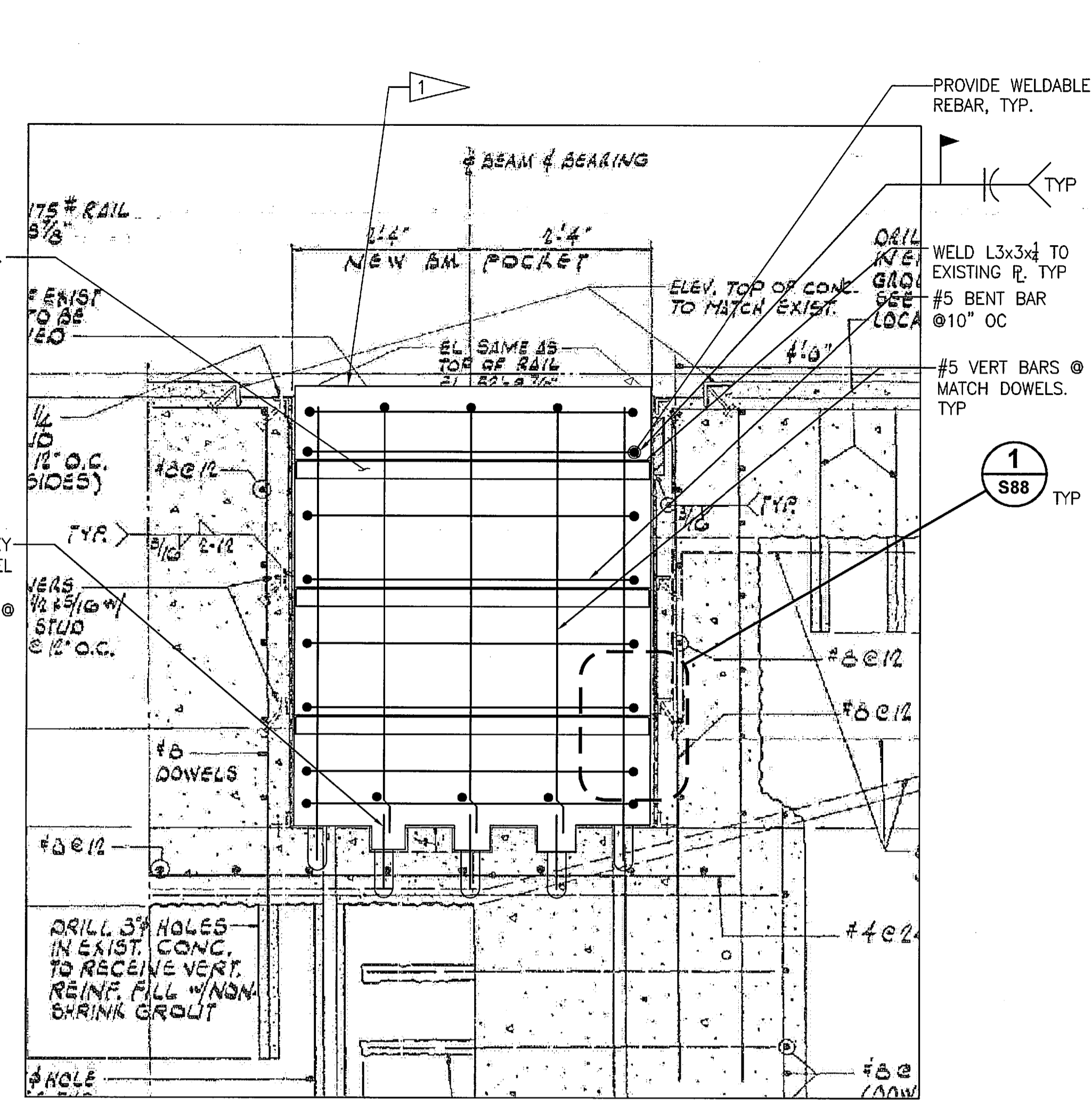
1. FOR GENERAL NOTES, SEE SHEET S77.

FLAG NOTES

TOP OF CONCRETE ELEVATION



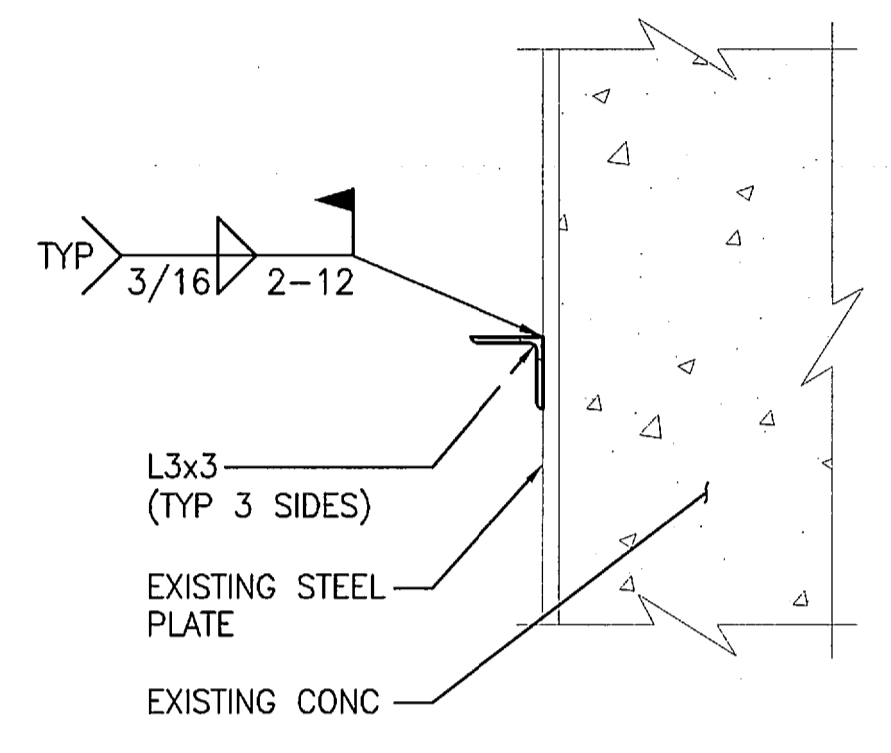
SECTION A
NTS - SOURCE FILE 79K10338 SHEET S23 S87



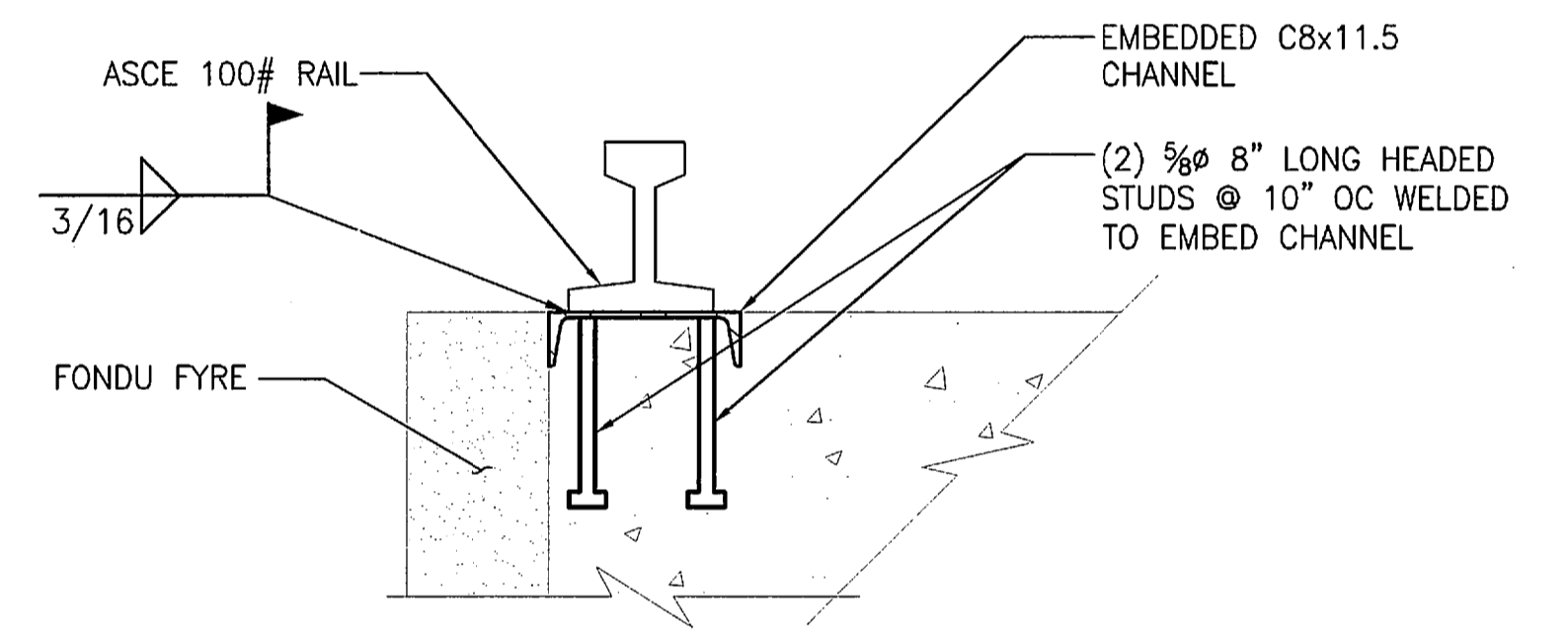
SECTION B
NTS - SOURCE FILE 79K10338 SHEET S23 S87



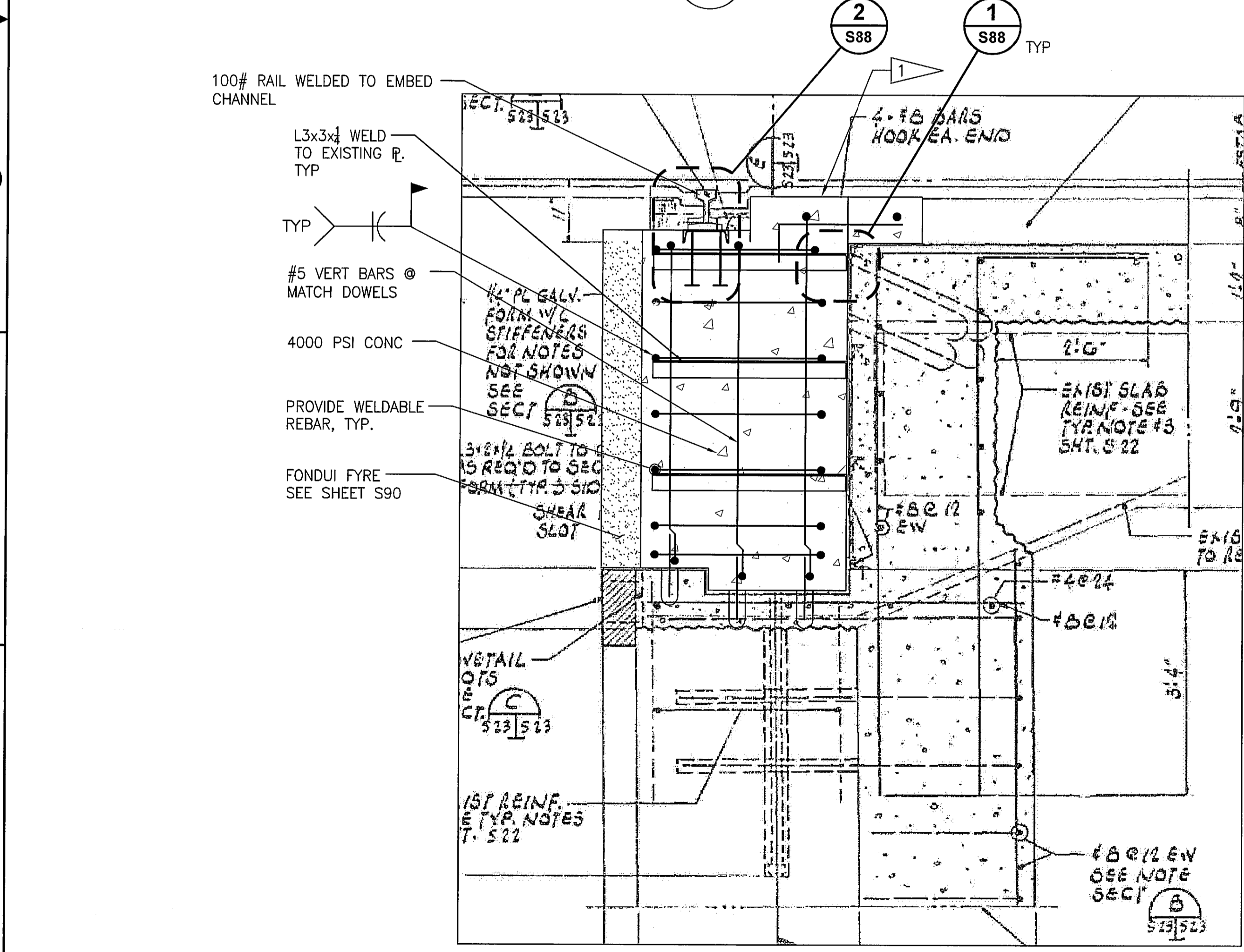
RSS RAIL BRIDGE BEARING AREA



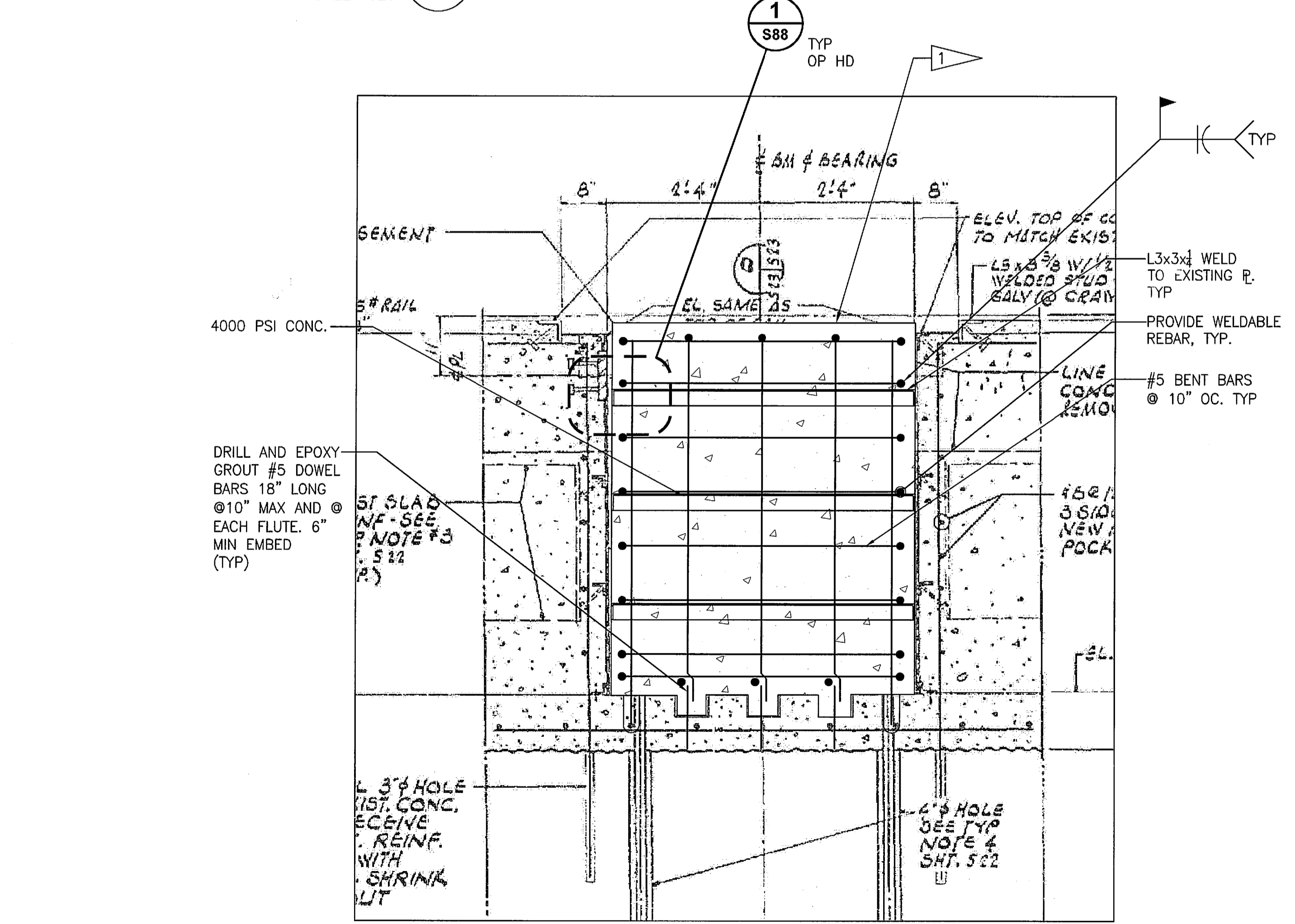
WALL ANGLE DETAIL 1
1 1/2" = 1'-0" S88



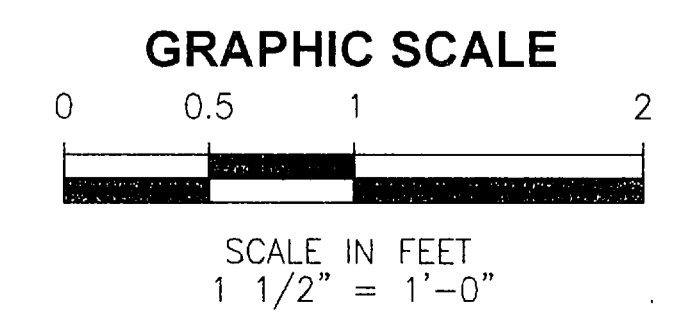
RAIL DETAIL 2
1 1/2" = 1'-0" S88



SECTION D
NTS - SOURCE FILE 79K10338 SHEET S23 S87

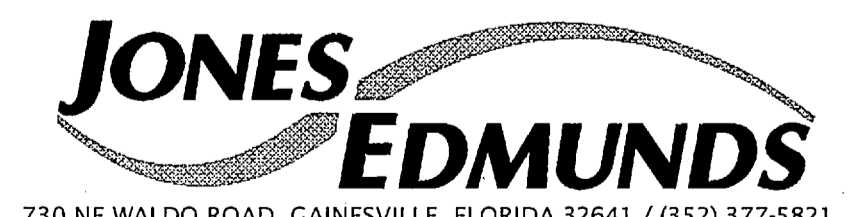


SECTION E
NTS - SOURCE FILE 79K10338 SHEET S23 S87



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

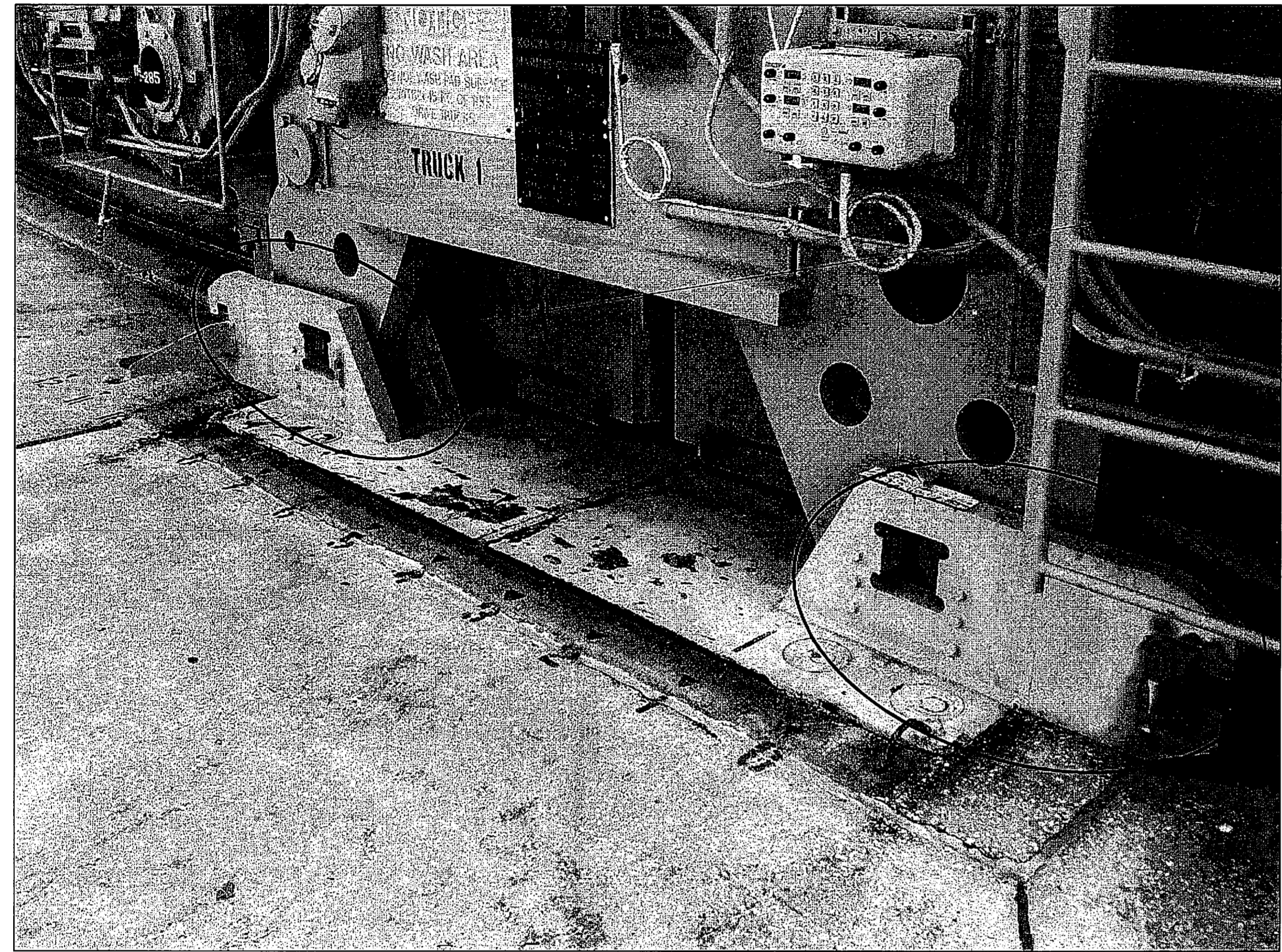
SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED N. PONTILLO	06/24/09	RAIL BEAM SECTION - NEW
APPROVED [Signature]	06/24/09	
APPROVED [Signature]	06/24/09	

S88	SIZE F	DWG. NO. 222W2200001	REV
TITLE	PROJ. NO. 98580	SHEET 103	

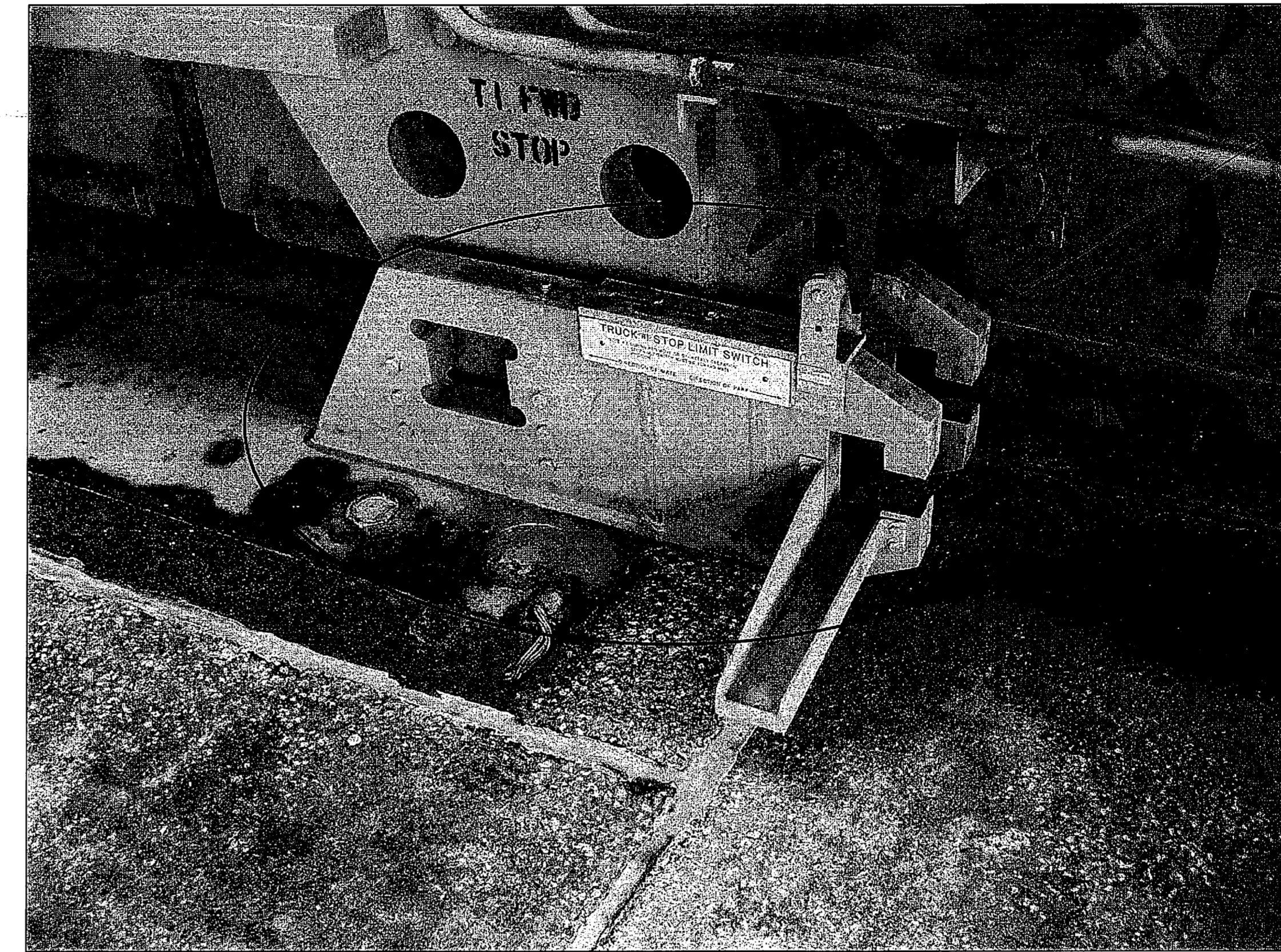
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FLAG NOTES

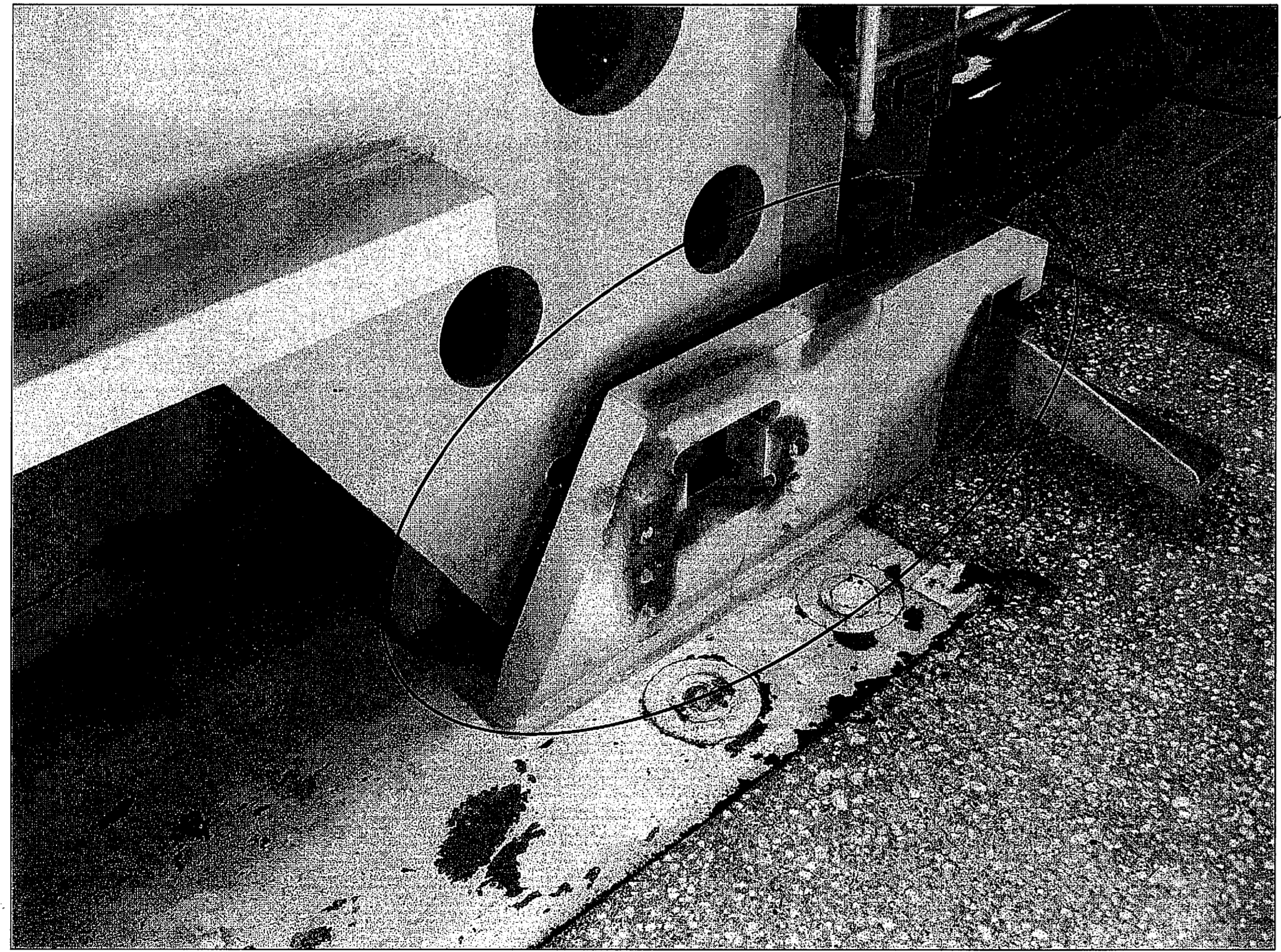
- 1 RSS LOCKS (8) TO BE REMOVED. CUT FLUSH WITH PAD SURFACE, PREP EXPOSED STEEL AND COAT IN ACCORDANCE WITH NOTE 9 ON SHEET S90.
- 2 RSS STOPS (2) TO BE REMOVED. CUT FLUSH WITH PAD SURFACE, PREP EXPOSED STEEL AND COAT IN ACCORDANCE WITH NOTE 9 ON SHEET S90.



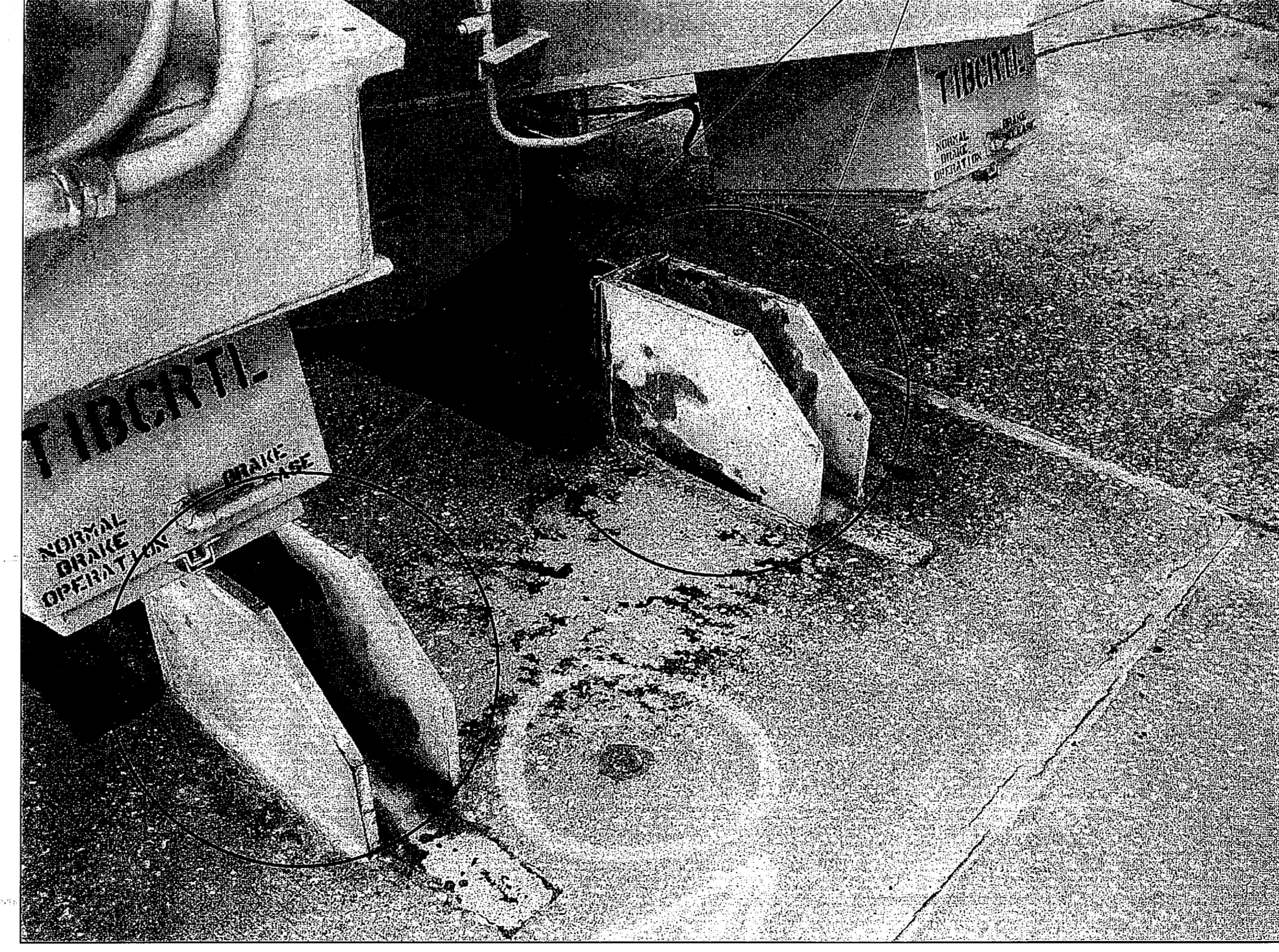
RSS RAIL LOCKS



RSS RAIL LOCKS (EAST OF FLAME TRENCH)



RSS RAIL LOCKS

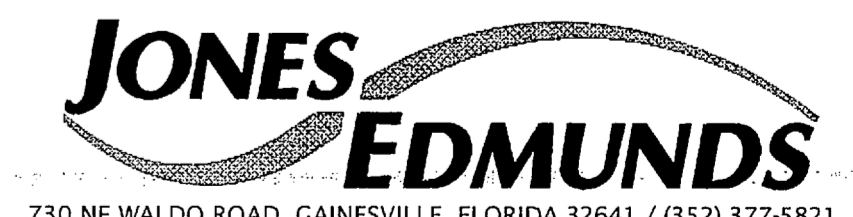


RSS RAIL STOPS (EAST OF FLAME TRENCH)

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DRAWN		06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA	
S. HAFERKAMP			KENNEDY SPACE CENTER, FLORIDA	
CHECKED		06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE RSS LOCKS AND STOP DEMO	
S. BHIDE				
DESIGNED		06/24/09		
N. PONTILLO				
SUBMITTED		6/24/09		

S89	APPROVED	DATE	SIZE	DWG. NO.	REV
	<i>[Signature]</i>	6/24/09	F	222W2200001	
TITLE		PROJ. NO.	SHEET		
		98580	104		

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B. COMPLETE REFRACTORY CONCRETE INSTALLATION:

- ALL CARBON STEEL BARS AND PLATES SHALL CONFORM TO ASTM A36. UNLESS OTHERWISE NOTED ON THE DRAWING.
 - REMOVE REFRACTORY BRICK ON THE EAST & WEST FLAME TRENCH WALLS (NORTH OF FLAME DEFLECTORS) AS NOTED SHOWN ON S-2.
 - CONTRACTOR TO REMOVE ALL REMAINING RESIDUE SUCH AS EPOXY-RESIN-POLYSULFIDE MORTAR FROM THE WALL IN AREA WHERE FONDU-FYRE IS TO BE APPLIED.
 - POWER TOOL CLEAN EXPOSED SURFACES OF VERTICAL DOVETAIL METAL TRACKS TO SSPC SP 3. CLEAN AND DRY SURFACES. MASK CONCRETE SURFACES AROUND TRACKS TO KEEP COATING OFF OF CONCRETE. APPLY 4-B MIL AMERLOCK 2 AL EPOXY MASTIC CORROSION INHIBITOR TO EXPOSED VERTICAL DOVETAIL METAL TRACKS FOLLOWING MANUFACTURER'S INSTRUCTIONS.
CERTIFIED NACE INSPECTION REQUIRED FOR PREPARATION OF SURFACES AND APPLICATION OF COATING. REPORTS SHALL BE SUBMITTED WEEKLY TO THE CONTRACTING OFFICER OR MODIFICATION MANAGEMENT (AS APPROPRIATE) DURING COATING PROCESS.
- MASTIC AVAILABLE FROM:
AMERON P.E. #1
1200 BLUEGRASS LAKES PKWY
SUITE 100
ALPHARETTA, GA 30004
1-800-826-3766
(OR APPROVED EQUAL)
- CONTRACTOR SHALL DISPOSE OF THE BRICK AS DIRECTED BY THE CONTRACTING OFFICER.
 - INSTALL NEW 5/8" DIA ANCHORS WITH 2 1/2" OD X 1" ID TUBING (SEE).
 - INSTALL NEW GRID STEEL. GRID STEEL SHALL BE CARBON STEEL 14 GA X 3/4" DEEP WITH 1 7/8" HEXAGON OPENINGS. 2.78 LB/SQ FT AS MANUFACTURED BY MCNICHOLS OR APPROVED EQUAL (SEE).
 - ALL WELDING SHALL BE IN ACCORDANCE WITH NASA SPEC 5004. CLASS C INSPECTION UNLESS OTHERWISE NOTED & E70 SERIES ELECTRODES.
 - PAINTING (SEE) CARBON STEEL.
 - ALL PREPARATION AND PAINTING SHALL BE FOR ZONE I EXPOSURE AS DEFINED BY NASA-STD-5008.
PREPARATION:
ABRASIVE BLAST TO "NEAR WHITE METAL" PER SSPC-SP-10 TO ACHIEVE A 1.5 TO 3 MIL ANCHOR PROFILE. REMOVE ABRASIVE RESIDUE. CLEAN AND DRY SURFACES.
COATING:
AN INORGANIC ZINC COATING FROM NASA STD-5008 APPENDIX A SHALL BE APPLIED TO A 4 TO 6 MIL DRY FILM THICKNESS.
APPLY SCM 3404 SILICONE COATING TO 90-100 MILS DFT.
R. S. HUGHES
4424-B SEABOARD RD.
ORLANDO, FL 32808
1-800-200-1312
(OR APPROVED EQUAL)

B. CERTIFIED NACE INSPECTION IS REQUIRED FOR PREPARATION OF SURFACES AND APPLICATION OF ALL COATINGS. REPORTS SHALL BE SUBMITTED WEEKLY TO THE CONTRACTING OFFICER OR MODIFICATION MANAGEMENT (AS APPROPRIATE) DURING THE COATING PROCESS.

- ALL EXPOSED CARBON STEEL SURFACES SHALL HAVE SCM-3404 BY GENERAL ELECTRIC APPLIED. ABLATIVE APPLIED IN ACCORDANCE AFTER BEING PREPARED PER NOTE 9.
- THE CONCRETE REFRACTORY DRY INGREDIENTS SHALL BE IN ACCORDANCE WITH FONDU FYRE WA-1G
THE PRYOR-GIGGEY CO (SEE)
CONTACT: TIMOTHY AUSTEL
138 SEARS RD
CHEHALIS, WA 98532
(360) 748-9295
- MANUFACTURER'S REPRESENTATIVE - THE CONTRACTOR SHALL PROVIDE THE ON SITE SERVICES OF A REPRESENTATIVE OF THE REFRACTORY MANUFACTURER WHO SHALL INSPECT & ADVISE ON THE MIXING, REPLACEMENT & CURING OPERATIONS OF THE REFRACTORY MATERIAL.
- REFRACTORY MATERIAL SHALL BE MIXED, PLACED, FINISHED & CURED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. GUNITE PLACEMENT OF THE REFRACTORY SHALL ONLY BE PERFORMED BY PERSONNEL EXPERIENCED IN WORKING WITH THIS MATERIAL.
- REFRACTORY SURFACE SHALL IN GENERAL HAVE A GUNITE FINISH. A WOOD FLOAT SHALL BE USED FOR ANY NECESSARY CUTTING OR SHAPING.
- CURING SHALL BE ACCOMPLISHED BY MEMBRANE CURING. CURING COMPOUND SHALL BE HUNT PROCESS WHITE PIGMENTED OR APPROVED EQUAL.
- AT THE COMPLETION OF WORK, LEAVE THE LAUNCH PAD IN CLEAN CONDITION.
- CONTRACTOR TO PROVIDE THE CONTRACTING OFFICER A PALLET WITH 20 BRICKS WITH MINIMUM DAMAGE.

B. DESIGN CRITERIA:

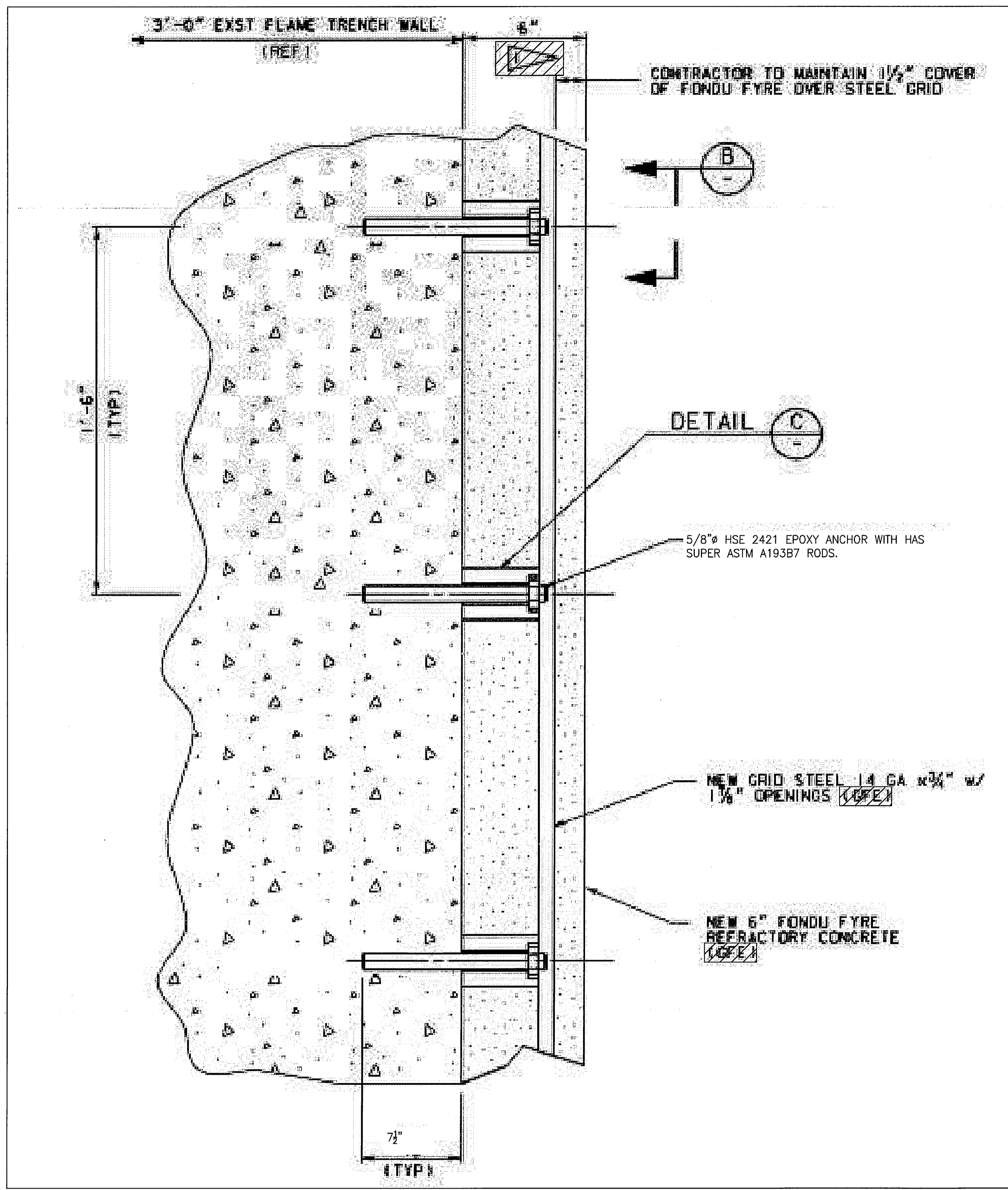
115 PSIG COMPRESSION ...BASED ON CFD FLOW SIMULATION
10 PSI TENSION ...REFERENCE DOC KSC-DD-818-TR
0.10 PSI SHEAR ...BASED ON CFD FLOW CONDITION

C. TESTING:

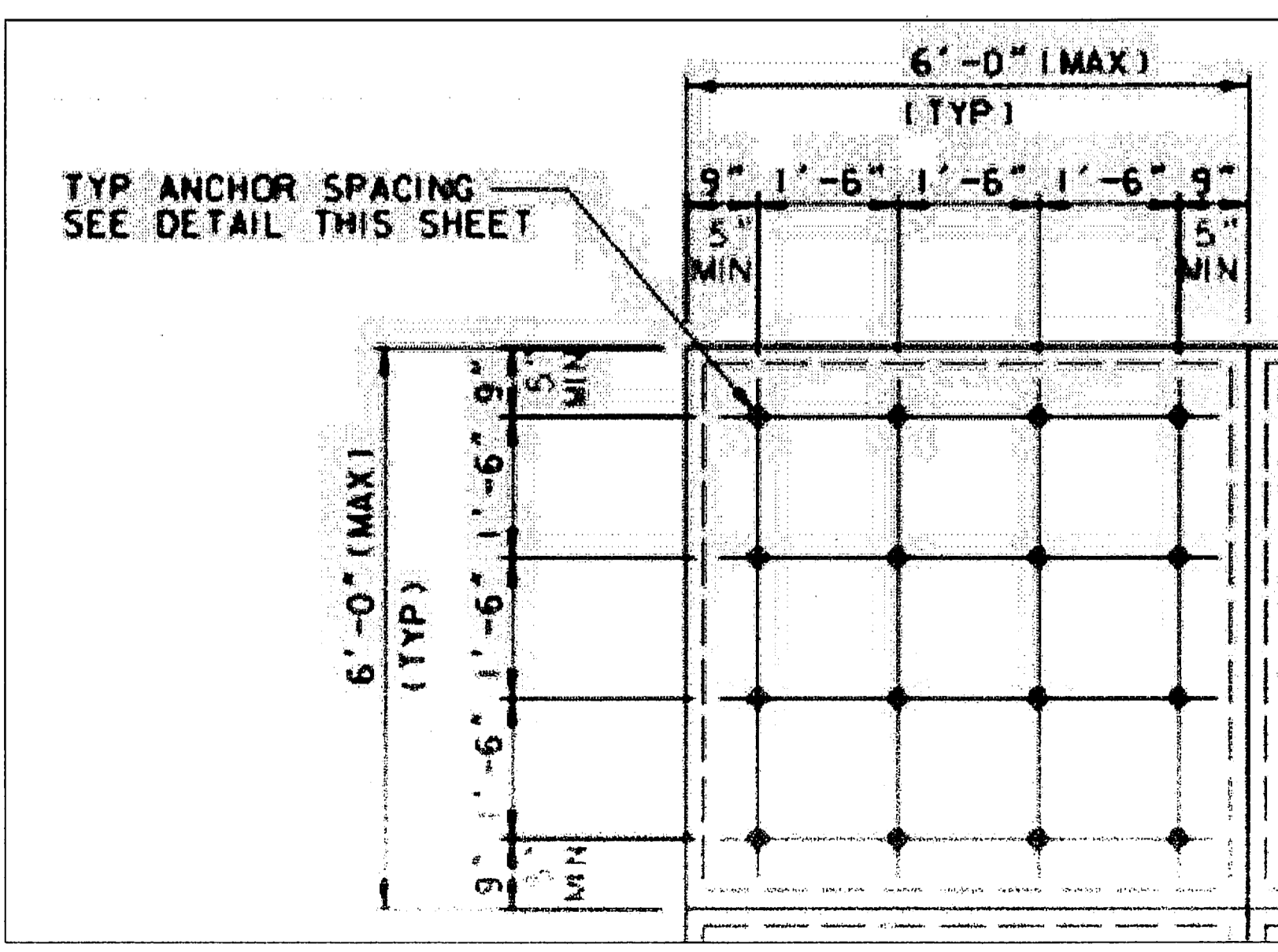
- A TEST SAMPLE SHALL BE SUBMITTED OF FONDU-FYRE FOR COLD CRUSHING STRENGTH TESTING ACCORDANCE WITH ASTM C 133. AIR CURING WITH ADDITIONS. TWO SAMPLES FOR EVERY 20' OF WALL PANEL, MINIMUM COLD CRUSHING STRENGTH OF 4000 PSI. THE CONTRACTOR SHALL SUBMIT CERTIFIED TEST RESULTS FROM AN INDEPENDENT TESTING LAB TO THE CONTRACTING OFFICER. TEST LOCATIONS AND SAMPLE MATERIAL SPECIFICATIONS SHALL BE DOCUMENTED ON THE TEST REPORT IN ADDITION TO THE RAW DATA, SUPPLY LOAD EXTENSIONS PLOTS, SPECIMEN LABEL, DIAMETER, LOAD RATE, COMPRESSIVE LOAD AT COMPRESSIVE STRENGTH, COMPRESSIVE STRESS AT COMPRESSIVE STRENGTH AND COMPRESSIVE EXTENSION AT COMPRESSIVE STRENGTH.

GENERAL NOTES

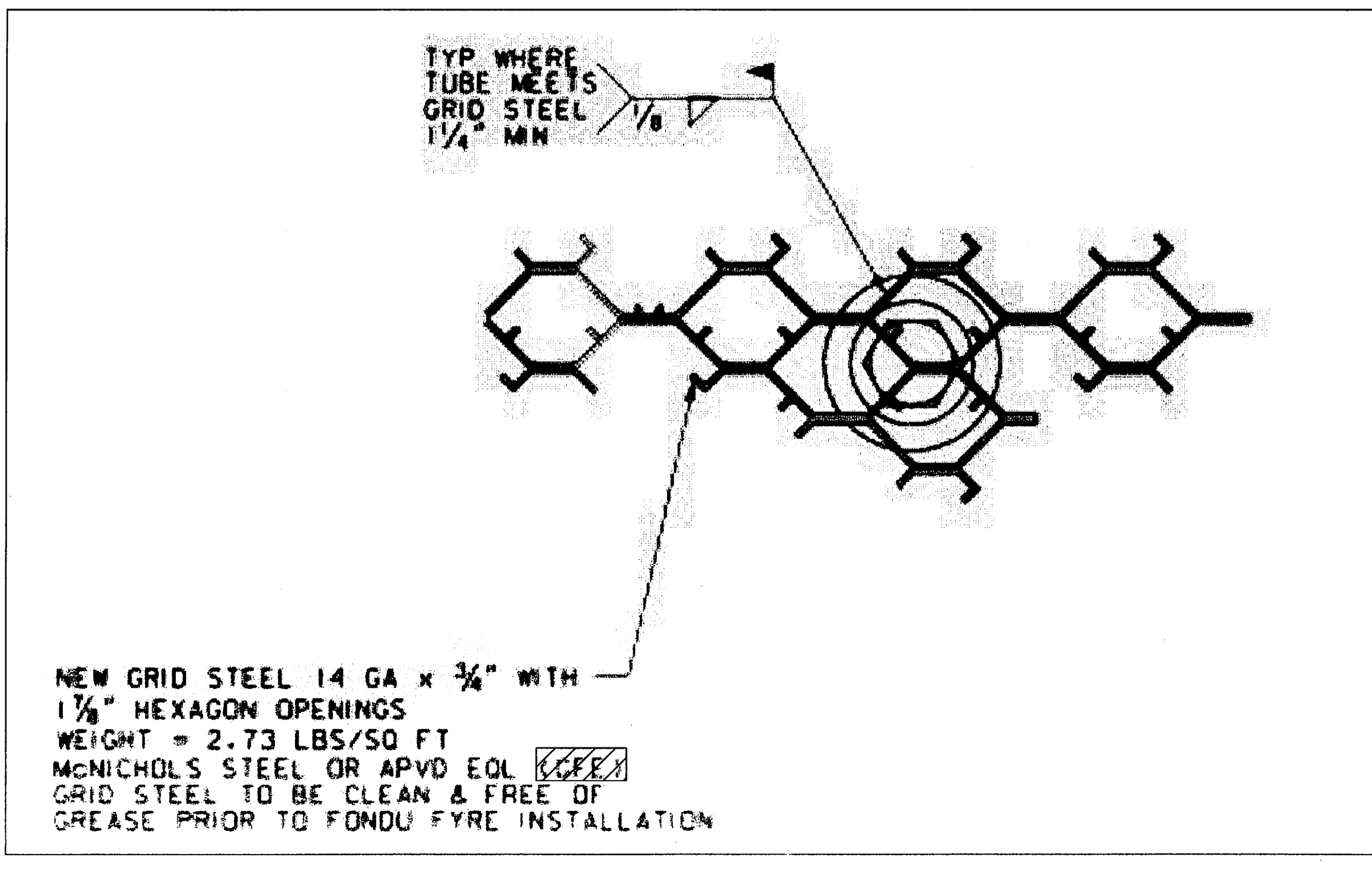
NTS - SOURCE FILE 80K62267 SHEET S-1



ANCHOR DETAIL (A)
NTS - SOURCE FILE 80K62267 SHEET S-5



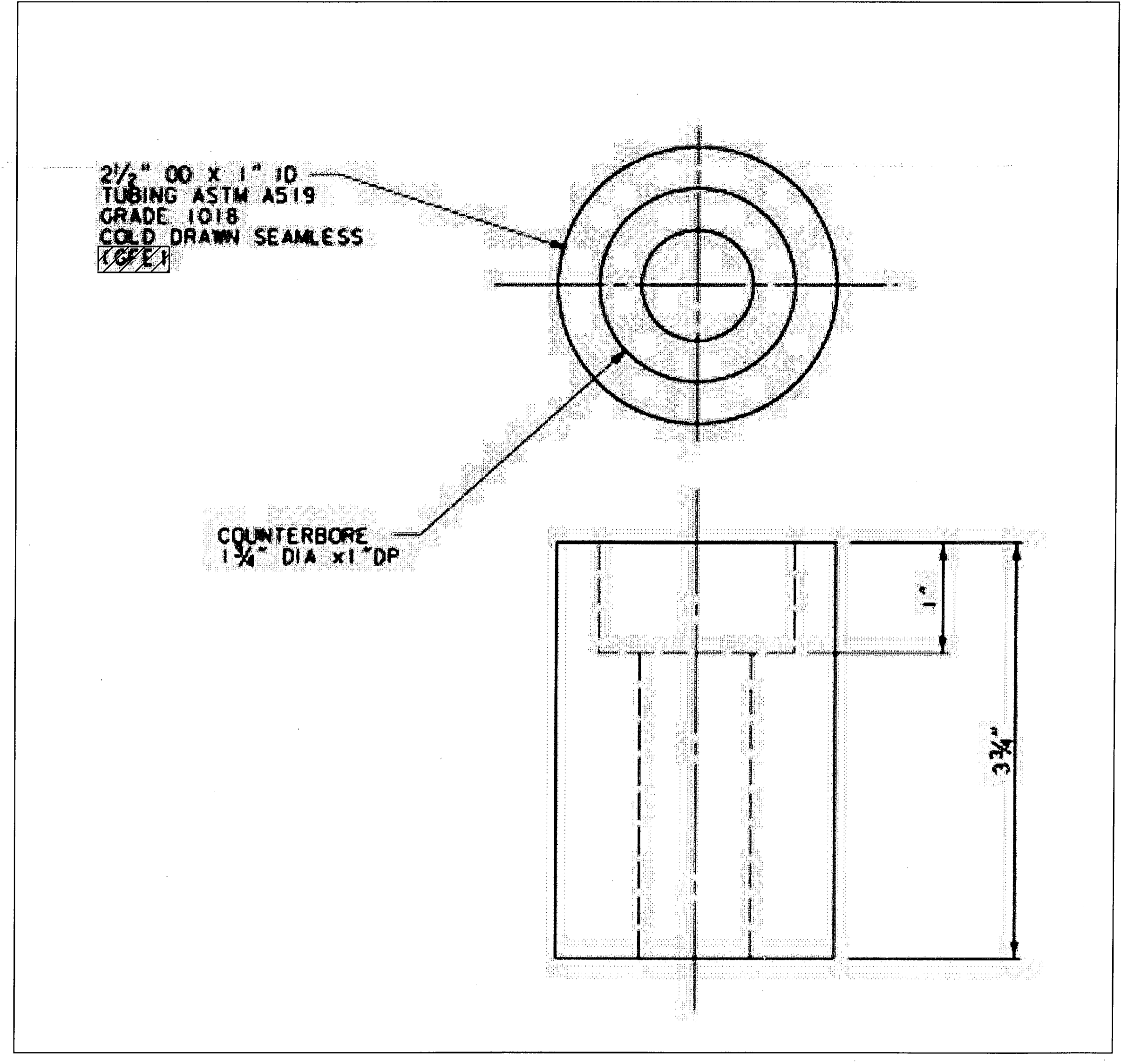
TYPICAL ELEVATION
NTS - SOURCE FILE 80K62267 SHEET S-5



ANCHOR SLEEVE DETAIL (B)
NTS - SOURCE FILE 80K62267 SHEET S-5

GENERAL NOTES

- ALL WORK ON THIS SHEET IS NEW CONSTRUCTION.



GRID STEEL CONNECTION DETAIL (C)
NTS - SOURCE FILE 80K62267 SHEET S-5

THIS SPACE RESERVED

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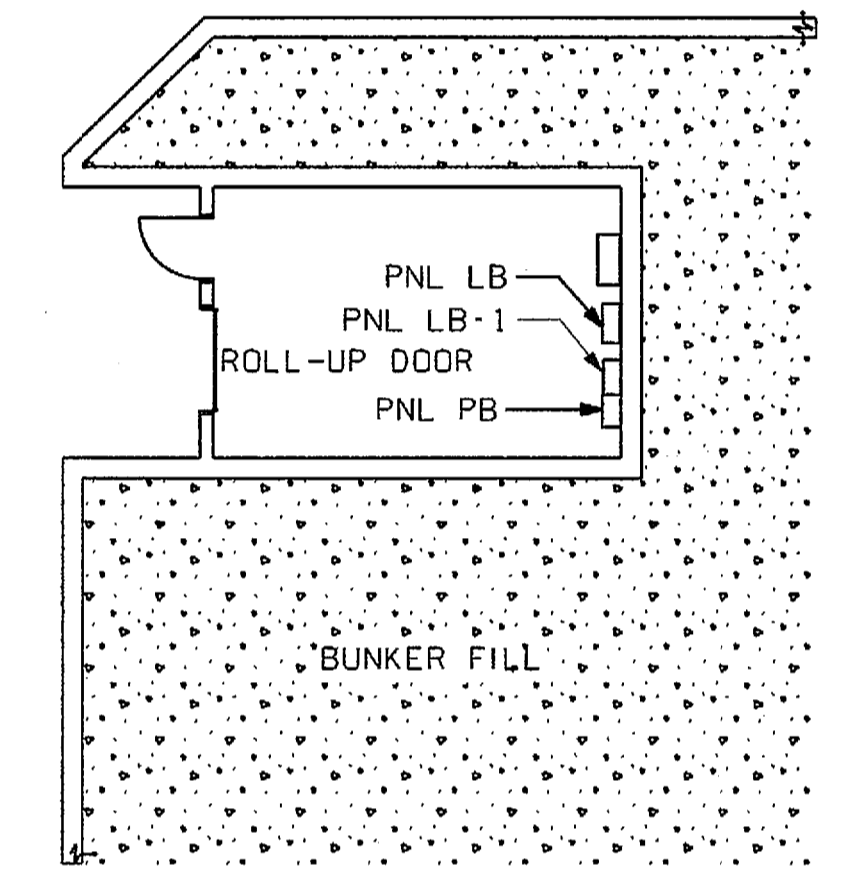
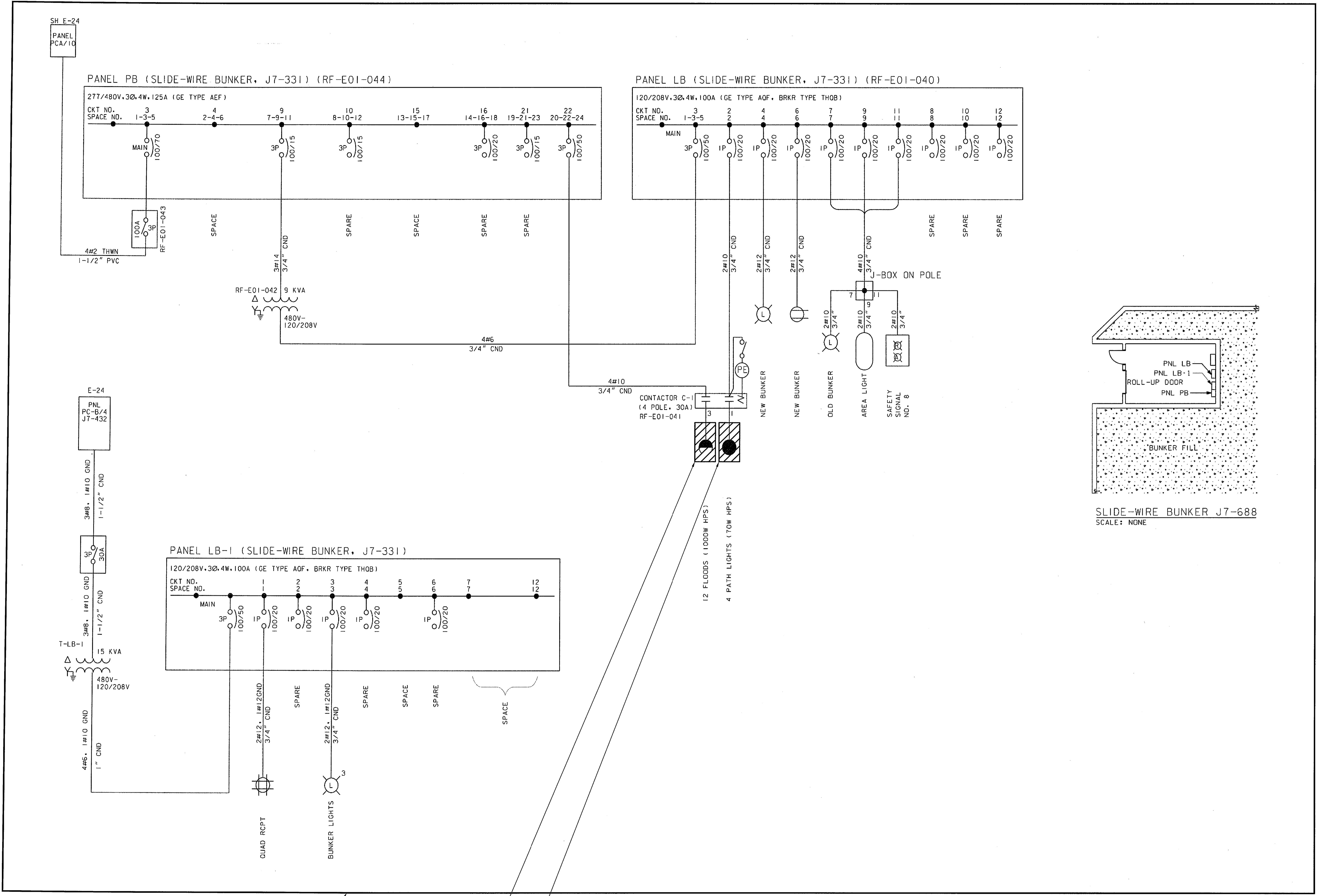


SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
DRAWN S. HAFERKAMP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA		
CHECKED S. BHIDE	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE		
DESIGNED N. PONTILLO	06/24/09	FONDU FYRE DETAILS		
APPROVED <i>[Signature]</i>	06/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE S90		PROJ. NO. 98580	SHEET 105	

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FLAG NOTES:

- 1 DEMOLISH 10 OF 12 EXISTING FLOOD LIGHTS AND 5 OF 6 EXISTING LIGHT POLES. SEE DRAWING D1 FOR DETAILS.
- 2 DEMOLISH 3 PATH LIGHTS. SEE DRAWING D1 FOR DETAILS.

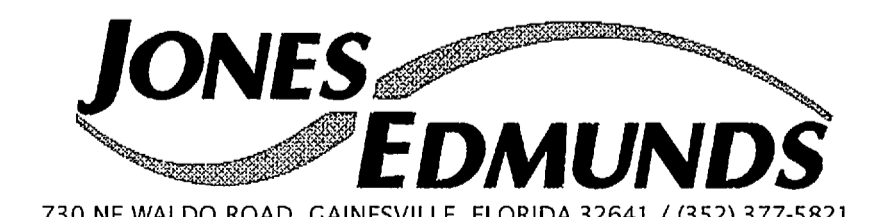


SLIDE-WIRE BUNKER J7-688
SCALE: NONE

PARTIAL DEMOLITION AS REQUIRED BY FLAG NOTES
 AND , AND AS SHOWN ON DRAWING D1.

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: 1400500601-E-01.DWG				



SIGNATURES	DATE	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
DRAWN K. GANSKOP	06/24/09	JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA
CHECKED M. CLARK	06/24/09	LAUNCH COMPLEX 39B, DEMOLITION OF FSS/RSS AT LAUNCH COMPLEX 39B, DEMOLITION PACKAGE
DESIGNED K. GANSKOP	06/24/09	EMERGENCY EGRESS SLIDE ELECTRICAL DEMO ONE-LINE
APPROVED <i>John F. Clark</i>	06/24/09	

E1	DATE 6/24/09	SIZE F	DWG. NO. 222W2200001	REV
TITLE		PROJ. NO. 98580	SHEET 106 OF 106	

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LIMITS OF SOURCE DRAWING