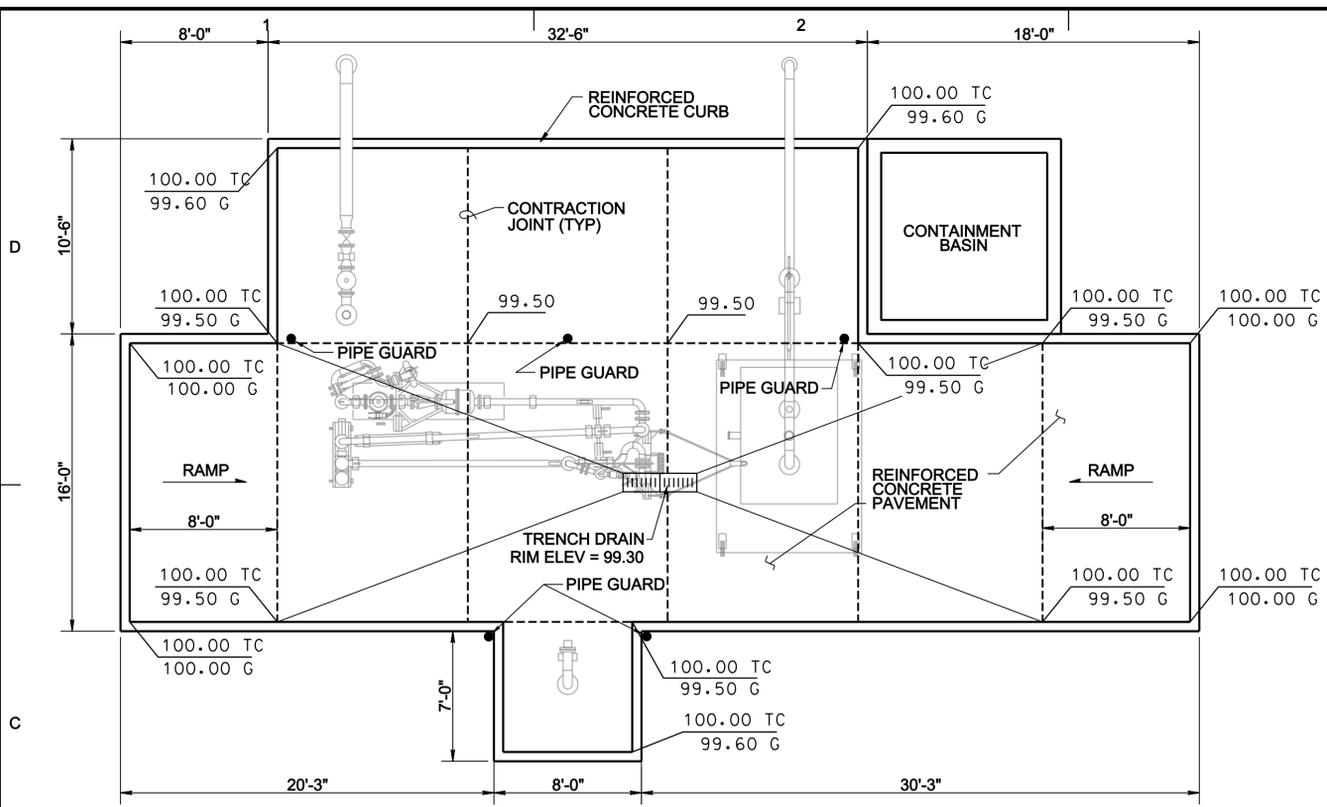
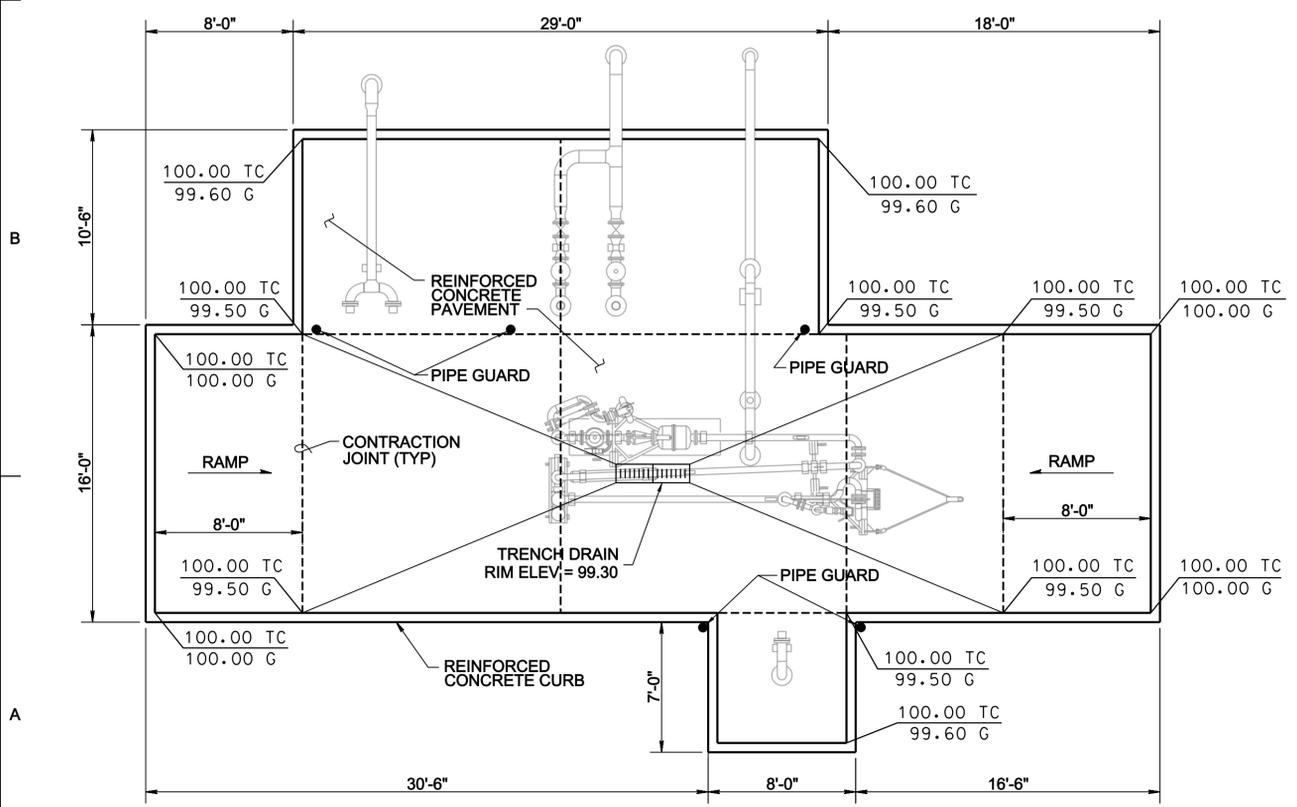


- DESIGNER NOTES:**
1. EACH CONTAINMENT AREA SHALL BE DESIGNED TO CONTAIN THE MAXIMUM POTENTIAL FUEL SPILL AND/OR PRECIPITATION IN ACCORDANCE WITH UFC 3-460-01 AND IN COMPLIANCE WITH STATE AND LOCAL REGULATIONS.
 2. A REMOTE CONTAINMENT BASIN MAY BE UTILIZED FOR PART OR ALL OF THE REQUIRED SPILL VOLUME FROM ONE OR MORE STATIONS. A REMOTE BASIN PROVIDES THE ADVANTAGE OF STORING AND RECOVERING SPILLS AWAY FROM THE VEHICLE STATION.
 3. THE CONTAINMENT AREA CONCRETE SURFACES SHALL NOT BE COATED WITH PAINT OR EPOXY SEALERS DUE TO SAFETY HAZARDS CREATED BY SLIPPERY SURFACES AND MAINTENANCE PROBLEMS.
 4. A CANOPY SHELTER SHALL BE PROVIDED OVER FILLSTANDS AND/OR HHT CHECKOUT STANDS TO PROTECT THE EQUIPMENT FROM THE ELEMENTS.
 5. SHELTERS, WITH ROLL-UP DOORS, SHALL BE PROVIDED FOR FILLSTAND EQUIPMENT AT OCONUS SWA LOCATIONS.



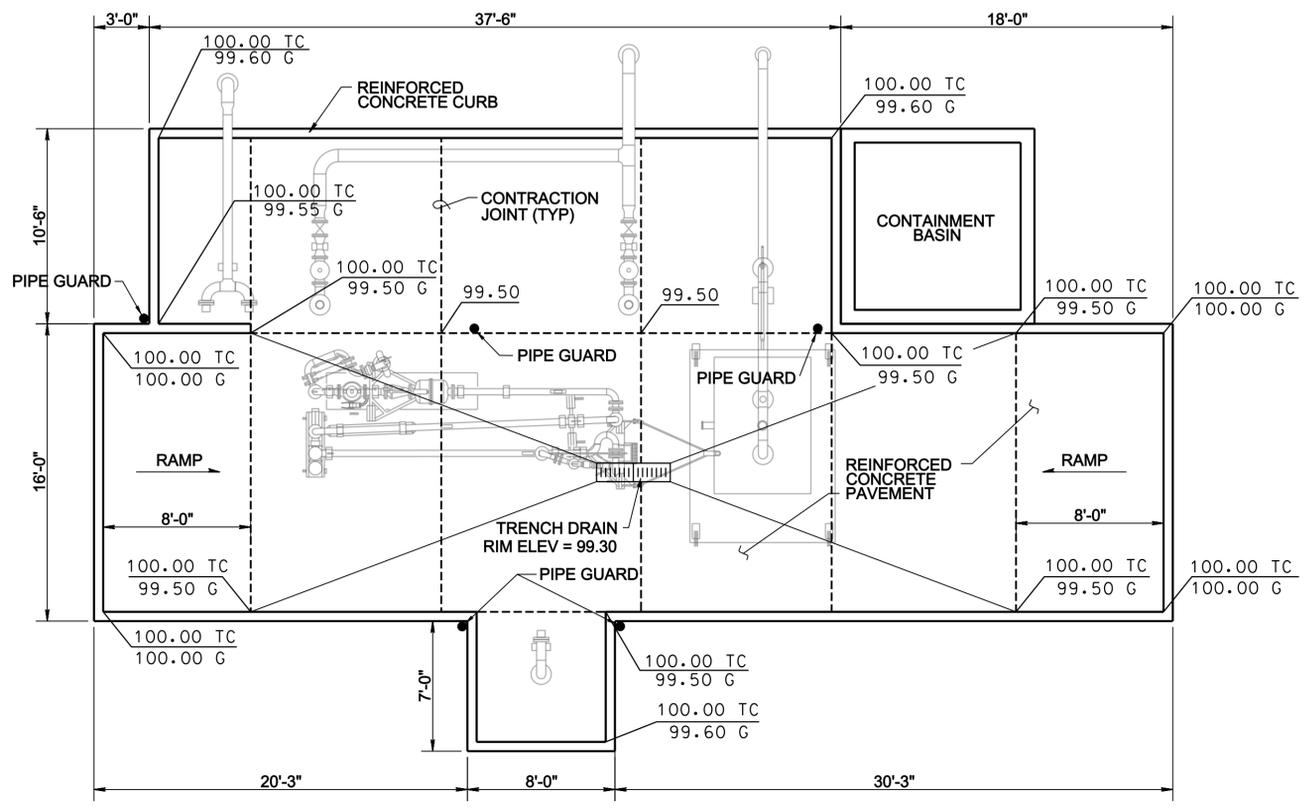
PANTOGRAPH FLUSH STATION WITH HIGH REACH

SCALE: 1 INCH=5 FEET
 (16'-4" TOWABLE PANTOGRAPH)



HHT CHECKOUT AND PANTOGRAPH FLUSH STATION

SCALE: 1 INCH=5 FEET
 (16'-4" TOWABLE PANTOGRAPH)



HHT CHECKOUT & PANTOGRAPH FLUSH STATION WITH HIGH REACH

SCALE: 1 INCH=5 FEET
 (16'-4" TOWABLE PANTOGRAPH)

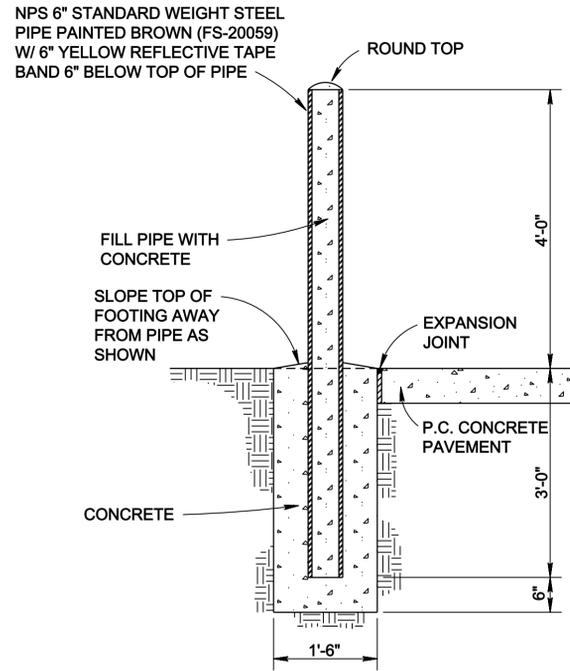
DATE	DESCRIPTION	APPR. MARK

DATE: JULY 2010	SOLICITATION NO.:
DESIGNED BY: CURRIE	CONTRACT NO.:
DRAWN BY: M.M.B.	FILE NUMBER:
SUBMITTED BY: J.A.V.H.	PLOT DATE: 6/28/2010
FILE NAME: 0037CS502.dwg	PLOT SCALE: 1.00 / in.
SIZE: 33.1x22	

DOD PRESSURIZED FUELING SYSTEM TYPE III
 HHT CHECKOUT AND PANTOGRAPH FLUSH STAND DETAILS

SHEET IDENTIFICATION NUMBER
CS502

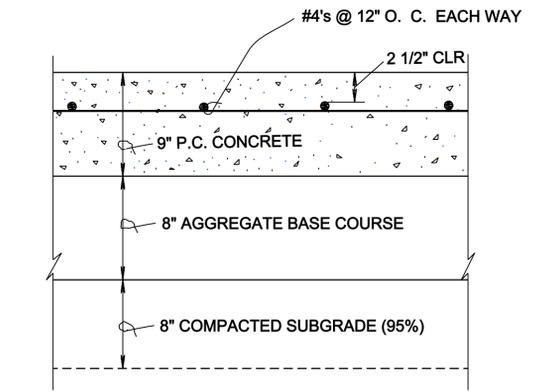
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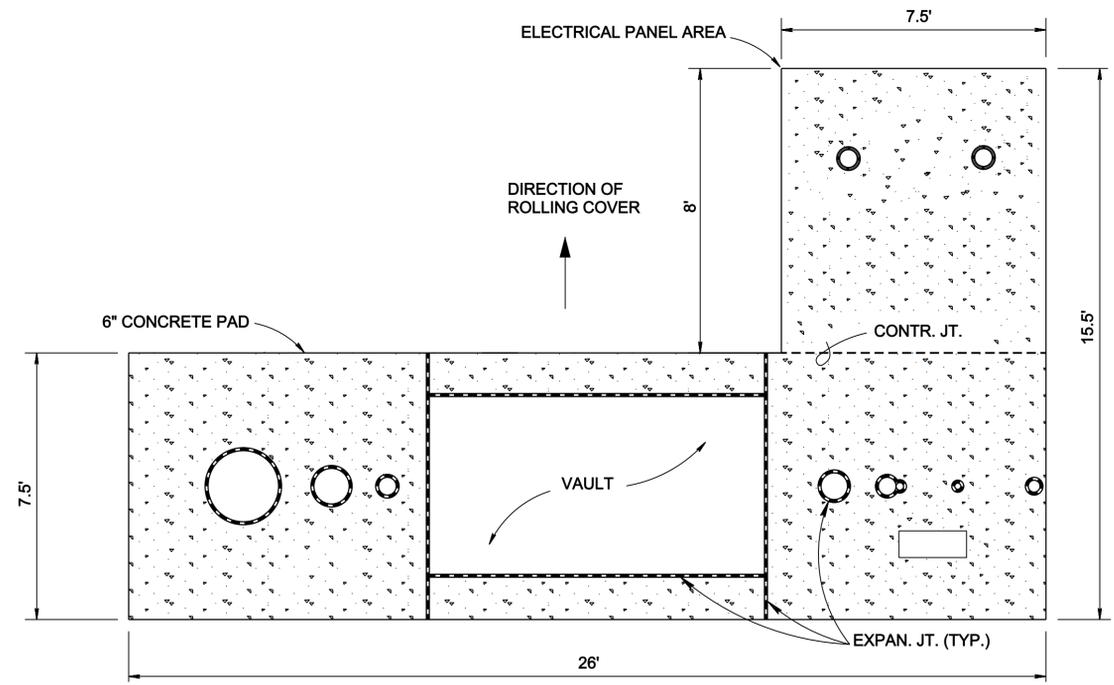
NOTE:
STEEL PIPE FOR PIPE GUARDS SHALL CONFORM TO
SPECS SECTION 05 50 13 MISCELLANEOUS METAL FABRICATIONS.

PIPE GUARD DETAIL
NO SCALE

DESIGNER'S NOTE:
PAVEMENT SECTION(S) TO BE DESIGNED FOR EACH SITE
BASED ON LOCAL TRAFFIC AND SOIL CONDITIONS.



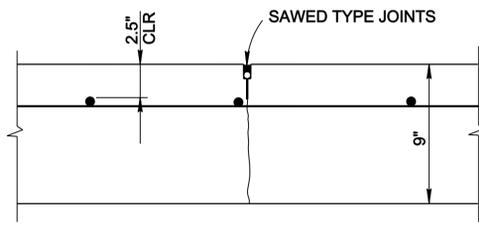
**TYPICAL REINFORCED
CONCRETE PAVEMENT SECTION**
NO SCALE



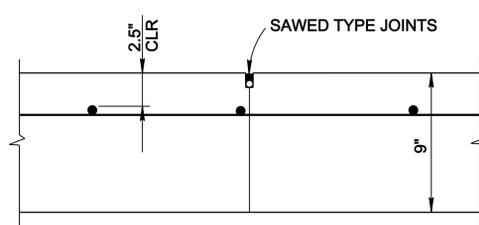
NOTES:

- 3/4" EXPANSION JOINTS SHALL BE INSTALLED AROUND ANY STRUCTURE THROUGH THE PAVEMENT.
- CONCRETE SHALL CONFORM TO SECTION 32 16 13 CONCRETE SIDEWALKS AND CURBS AND GUTTERS. REINFORCE SLABS WITH 4X4-W2.0XW2.0 OR 6X6-W2.9XW2.9 WELDED STEEL WIRE FABRIC.
- SEE MECHANICAL AND STRUCTURAL SHEETS FOR PRODUCT RECOVERY TANK DETAILS.

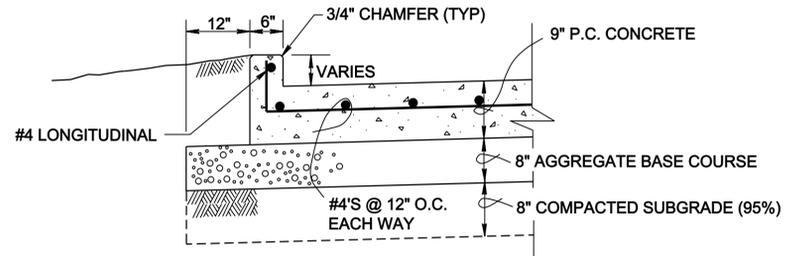
PRODUCT RECOVERY TANK PAD PLAN
NO SCALE



CONTRACTION JOINT
NO SCALE

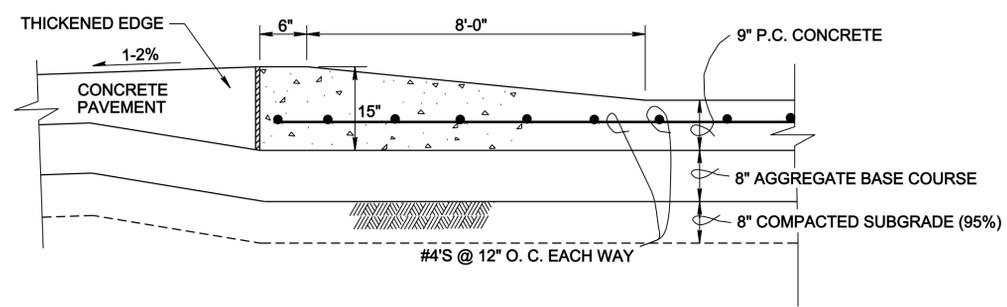


CONSTRUCTION JOINT
NO SCALE

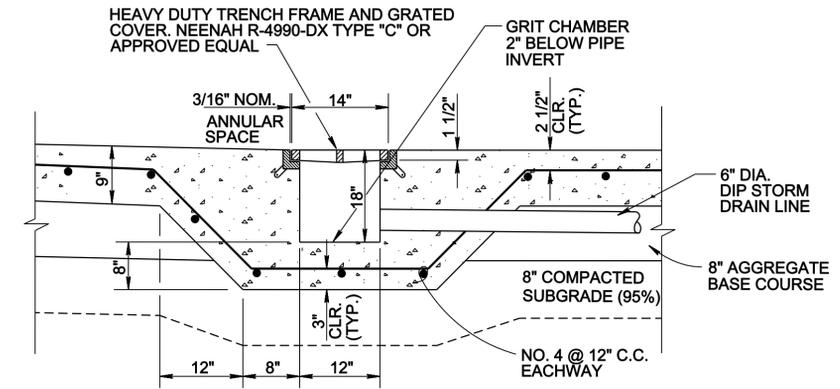


NOTE: CURB SHALL BE PLACED WITH NO COLD JOINT.

**CONTAINMENT AREA
REINFORCED CONCRETE CURB SECTION**
NO SCALE



TYPICAL CONTAINMENT AREA RAMP SECTION
NO SCALE



TRENCH DRAIN DETAIL
NO SCALE



DATE	DESCRIPTION	APPR. MARK	DATE	APPR. MARK

DESIGNED BY: CURELMAN	DATE: JULY 2010
DRAWN BY: M.M.B.	SOLICITATION NO.:
SUBMITTED BY: J.A.V.H.	CONTRACT NO.:
FILE NAME: 0037CS505.dwg	FILE NUMBER:
SIZE: 33.1x22	PLOT SCALE: 1:1000
	PLOT DATE: 6/28/2010

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
OMAHA DISTRICT

DOD PRESSURIZED FUELING SYSTEM TYPE III
MISCELLANEOUS SITE DETAILS

SHEET IDENTIFICATION NUMBER
CS505

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AFVA 31-203 (18" X 15")
AFVA 31-240 (36" X 30")

CONTROLLED AREA SIGN DETAIL
NO SCALE



AFVA 31-107 (17 1/2" X 14 1/2")
AFVA 31-108 (36" X 30")

RESTRICTED AREA SIGN DETAIL
NO SCALE

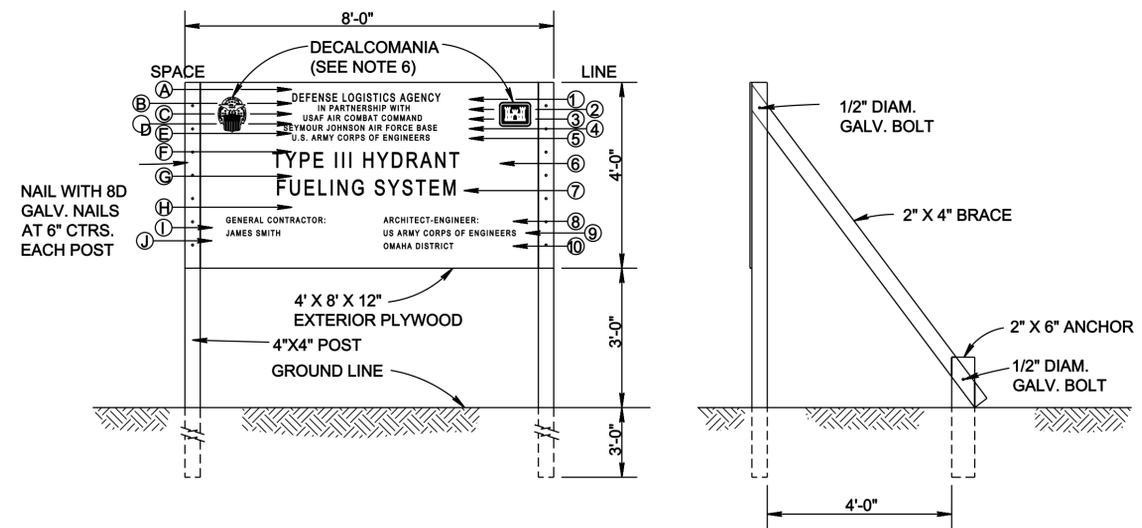


10" X 16"

DANGER SIGN DETAIL
NO SCALE

SIGN NOTES:

- CONTROLLED AREA SIGNS SHALL BE INSTALLED ON THE OUTSIDE OF THE PERIMETER SECURITY FENCING. 18" x 15" (AFVA 31-203) SIGNS SHALL BE SPACED NO GREATER THAN 300 FEET APART. 36" x 30" (AFVA 31-240) SIGNS SHALL BE INSTALLED ON OR ADJACENT TO EACH VEHICLE AND PERSONNEL GATE.
- RESTRICTED AREA SIGNS SHALL BE INSTALLED ON THE OUTSIDE OF THE PERIMETER SECURITY FENCING. 17 1/2" x 14 1/2" (AFVA 31-107) SIGNS SHALL BE SPACED NO GREATER THAN 100 FEET APART. 36" x 30" (AFVA 31-108) SIGNS SHALL BE INSTALLED ON OR ADJACENT TO EACH VEHICLE AND PERSONNEL GATE.
- DANGER SIGNS SHALL BE INSTALLED ON OR ADJACENT TO EACH VEHICLE AND PERSONNEL GATE.
- SIGN PANELS SHALL BE 2MM THICK ALUMINUM. SIGN PANELS SHALL BE PROFESSIONALLY PREPARED (CLEANED AND DEGREASED) PRIOR TO APPLYING FACING. SIGN FACINGS SHALL BE PROFESSIONALLY APPLIED TO ALUMINUM SIGN PANELS.



FRONT VIEW

END VIEW

**DEFENSE LOGISTICS AGENCY PROJECTS
PROJECT SIGN DETAILS**

NO SCALE

SCHEDULE						
SPACE	HEIGHT	LINE	DESCRIPTION	LETTER HEIGHT	STROKE	
A	5"	1	DEFENSE LOGISTICS AGENCY PROJECT	2"	1/4"	
B	1"	2	IN PARTNERSHIP WITH	1.5"	3/16"	
C	1"	3	USAF AIR COMBAT COMMAND	1.5"	3/16"	
D	1"	4	SEYMOUR JOHNSON AIR FORCE BASE	1.5"	3/16"	
E	1"	5	U.S. ARMY CORPS OF ENGINEERS	1.5"	3/16"	
F	5"	6	PROJECT NAME	4"	1/2"	
G	3"	7	PROJECT NAME CONT'D (IF REQ'D)	4"	1/2"	
H	5"	8	GENERAL CONTRACTOR/A-E	1.5"	3/16"	
I	1"	9	GENERAL CONTRACTOR/A-E	1.5"	3/16"	
J	1"	10	GENERAL CONTRACTOR/A-E	1.5"	3/16"	

NOTES:

- POSTS SHALL BE S4S.
- PLYWOOD SHALL BE EXTERIOR TYPE, A-C GRADE.
- BEFORE PAINTING, SURFACE SHALL BE CLEAN, DRY, FREE OF GREASE AND SANDED.
- PAINT WITH ONE EXTERIOR OIL PRIME COAT AND EXTERIOR TYPE ALKYD, CONFORMING TO MASTER PAINTERS INSTITUTE MPI-9, MPI GLOSS LEVEL 6. COLOR SHALL MATCH SHERWIN WILLIAMS SW 2175.
- ALL LETTERING SHALL BE EXTERIOR TYPE ALKYD. COLOR SHALL MATCH SHERWIN WILLIAMS SW 1900.
- DECALOMANIA FOR CORPS OF ENGINEERS INSIGNIA AND DEFENSE LOGISTICS AGENCY EMBLEM WILL BE FURNISHED BY THE CONTRACTING OFFICER FOR INSTALLATION BY THE CONTRACTOR.
- ALL EXPOSED WOOD (POSTS, SUPPORTS, BACK, ETC.) SHALL BE PAINTED THE SAME BACKGROUND COLOR AS THE SIGN.
- LETTERING STYLE SHALL BE EITHER HELIOS EXTRA BOLD CONDENSED, HELIOS BOLD II, HELVETICA BLACK ROMAN, OR HELVETICA BOLD ROMAN.
- LOCATION OF SIGN TO BE COORDINATED WITH THE CONTRACTING OFFICER.

DESIGNER'S NOTE:
PROJECT SIGN TEXT WILL NEED TO BE EDITED FOR EACH PROJECT.
ADDITIONAL EXAMPLES OF NON-DLA FUNDED PROJECT SIGNS ARE PROVIDED WITHIN THE CADD FILE.



DATE	DESCRIPTION	APPR. MARK	DATE	DESCRIPTION	APPR. MARK

DESIGNED BY: JULY 2010	SOLICITATION NO.:	FILE NUMBER:	PLOT DATE:
DRAWN BY: CURELMAN	Y	Y	6/28/2010
CHECKED BY: M.M.B.	CONTRACT NO.:	FILE NUMBER:	
DATE: JULY 2010	Y	Y	
DESIGNED BY: J.A.V.H.	CONTRACT NO.:	FILE NUMBER:	
DATE: JULY 2010	Y	Y	

DOD PRESSURIZED FUELING SYSTEM TYPE III
SIGNAGE DETAILS

SHEET IDENTIFICATION NUMBER
CS506

