

STENNIS RIVERINE UNDERGROUND PLAN

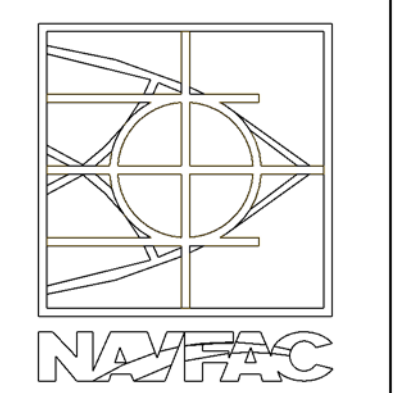
ALL DIMENSIONS APPROXIMATE
SCALED FROM SKETCH RECD 03/12/09

GENERAL NOTES

- 1) SCOPE OF WORK
SIMPLEXGRINNELL TO PROVIDE TWO NEW WET PIPE FIRE SPRINKLER SYSTEMS (1) FOR THE NEW OPERATIONS BLDG #2440 & THE BOAT MAINTENANCE BLDG #2441, AND (1) FOR THE BOAT STORAGE BLDG #2442.
- 2) BASIS OF DESIGN:
LIGHT HAZARD AREAS - DESIGN DENSITY: .10 GPM/SQ.FT. OVER 3000 SQ.FT.
ORDINARY HAZARD GROUP 1 - DESIGN DENSITY: .15 GPM/SQ. FT. OVER 3000 SQ. FT.
ORDINARY HAZARD GROUP 2 - DESIGN DENSITY: .20 GPM/SQ.FT. OVER 3000 SQ. FT. (EXCEPT AS NOTED - BELOW PLATFORM)
AREA HAS BEEN INCREASED BY 30% WHERE ROOF SLOPE EXCEEDS 2:12 AS PER NFPA 13 11.2.3.2.4.
HYDRAULIC CALCULATIONS INCLUDE A HOSE ALLOWANCE OF 500 GPM, EXCEPT FOR THE 2ND FLOOR OPERATIONS BLDG, WHICH IS LIGHT HAZARD, AND HAS A HOSE ALLOWANCE OF 250 GPM .
- 3) PIPE AND FITTINGS
1 1/2" AND SMALLER PIPE TO BE THREADED BLACK SCH 40 WITH BLACK C.I. SCREW FITTINGS.
2" AND LARGER PIPE TO BE GROOVED BLACK SCH 10 WITH GROOVED FITTINGS & COUPLINGS AND WELDED OUTLETS SPRINKLERS TO BE CENTER OF TILE.
- 4) HANGERS
ALL HANGERS AND SUPPORTS TO CONFORM TO NFPA 13 AND PIPE MANUFACTURERS RECOMMENDATIONS.
- 5) FIRE CAULKING
ALL PENETRATIONS THROUGH FIRE RATED WALLS ARE TO BE SEALED WITH FIRE CAULK TO MAINTAIN THE FIRE RATING.
- 6.) SPRINKLER SYSTEMS SHALL INCLUDE EARTHQUAKE PROTECTION PER D401001 1.2. SEE SH # FP-5 FOR DETAILS & NOTES.

AS-BUILT
06/07/10

REV	DESCRIPTION	DATE	APPR
4	REVISED PER AS-BUILT	06/07/10	
3	REVISED PER NAVFAC COMMENTS RECD 9/03/09	09/09/09	
2	REVISED PER UPS COMMENTS	06/22/09	
1	REVISED PER PFE COMMENTS	06/08/09	



tyco
Fire & Security
SimplexGrinnell
5800 JEFFERSON HWY., STE. A
HARRAHAN, LOUISIANA 70123

DES: DRW
REVIEWED BY: PM/DM
CHIEF ENGIARCH.

NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC SOUTHEAST
JOHN C. STENNIS SPACE CENTER, MISSISSIPPI
**SOF RIVERINE AND COMBATANT
CRAFT OPERATIONS FACILITY
UNDERGROUND & KEY PLAN
GENERAL NOTES**

DEPARTMENT OF THE NAVY
CODE ID NO. 80041 SIZE D
SCALE: 1/32" = 1'-0"
MAXIMO NO. #####
STA. PROJ. NO. P-210
WORK ORDER NO. 510247
CONSTR. CONTR. NO. N62467-05-D-0096
NAVFAC DRAWING NO. 15026771
SHEET 124 OF 132
SIMPLEXGRINNELL SH #FP-1
SG JOB # 269-941989101