



FLOW TEST 03/05/09
 STATIC: 72 PSI
 RESIDUAL: 1100 GPM
 @ 56 PSI

500GPM
 HOSE
 ALLOWANCE

BLDG 2442 BOAT STORAGE
 SH #FP-2

BLDG 2440
 OPERATIONS
 1st FLOOR
 SH #FP-3
 2nd FLOOR
 SH #FP-4

BLDG 2441 MAINTENANCE
 SH #FP-3

(SECTIONS SH #FP-4)

TO DOMESTIC WATER
 BFP
 BACKFLOW PREVENTOR
 MIN 12 PSI FRICTION LOSS

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 FIRE SPRINKLER SYSTEM
 (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.
 AREA HAS BEEN INCREASED BY 30% WHERE ROOF SLOPE EXCEEDS
 2:12 AS PER NFPA 13 11.2.3.2.4.
 AS DIRECTED BY THE FPE FOR NAVFAC SOUTHEAST, THE HOSE
 ALLOWANCE HAS BEEN DELETED FROM ALL CALCULATIONS. THE 500
 GPM HOSE ALLOWANCE REQUIRED BY UFC 3-600-10N PUSHES THE
 DEMAND OVER THE SUPPLY CURVE.
- 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
 SPRINKLER DROPS TO BE "FLEXHEAD" TYPE DROPS. 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.

SYMBOL	DESCRIPTION	DATE	APPROVED



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

AE LOGO

DES: _____
 REVIEWED BY: _____
 PWDM: _____
 CHIEF ENGI/ARCH: _____

SEAL

NAVAL FACILITIES ENGINEERING COMMAND
 NAVFAC SOUTHEAST

DEPARTMENT OF THE NAVY

JOHN C. STENNIS SPACE CENTER, MISSISSIPPI

**SOF RIVERINE AND COMBATANT
 CRAFT OPERATIONS FACILITY
 UNDERGROUND & KEY PLAN
 GENERAL NOTES**

CODE ID NO. 80091 SIZE D
 SCALE: 1/32" = 1'-0"
 MAXIMO NO.
 STA. PROJ. NO.
 WORK ORDER NO.
 CONSTR. CONTR. NO.

NAVIFAC DRAWING NO.

SHEET OF
 SIMPLEXGRINNELL SH #FP-1
 SG JOB # 269-941989101

DRAWFORM REVISION: 01 JAN 2009
 PLOTTED: 14-01-2009 09:09
 FILE: FF-1 UNDER PLAN 042309