



GENERAL NOTES

- SCOPE OF WORK
SIMPLEXGRINNELL TO PROVIDE TWO NEW WET PIPE FIRE SPRINKLER SYSTEM (1) FOR THE NEW OPERATIONS BLDG #2440 & THE BOAT MAINTENANCE BLDG #2441, AND (1) FOR THE BOAT STORAGE BLDG #2442.
- 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 3-600-01, TABLE 4-1, PUSHES THE DEMAND OVER THE SUPPLY CURVE.
- 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.
- HANGERS
ALL HANGERS AND SUPPORTS TO CONFORM TO NFPA 13 AND PIPE MANUFACTURERS RECOMMENDATIONS.
- FIRE CAULKING
ALL PENETRATIONS THROUGH FIRE RATED WALLS ARE TO BE SEALED WITH FIRE CAULK TO MAINTAIN THE FIRE RATING.
- SPRINKLER SYSTEMS SHALL INCLUDE EARTHQUAKE PROTECTION PER D401001 1.2. SEE SH # FP-5 FOR DETAILS & NOTES.

a) ADDITIONAL CALCULATIONS ARE PROVIDED WITH THE HOSE ALLOWANCES FOR REFERENCE ONLY.

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

AE LOGO

SEAL

DES: DRW
REVIEWED BY: PM/DM
CHIEF ENGI/ARCH.

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

September 4, 2009
PLOTED: 16:32:09/09/14/09
FILE: FR1 UNDG PLAN R3