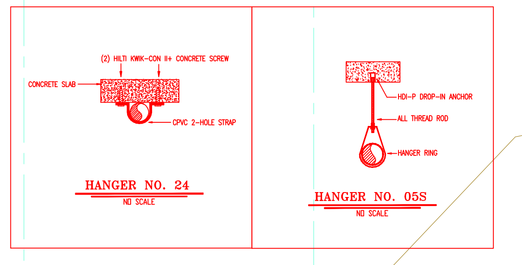
GENERAL NOTES:

STEEL PIPE TO BE SCH 10 AND SCH 40

SPRINKLER HEAD NOTES:

SPRINKLERS TO BE SPACED AT 130 SQ.FT. MAXIMUM FOR ORDINARY HAZARD AREAS.

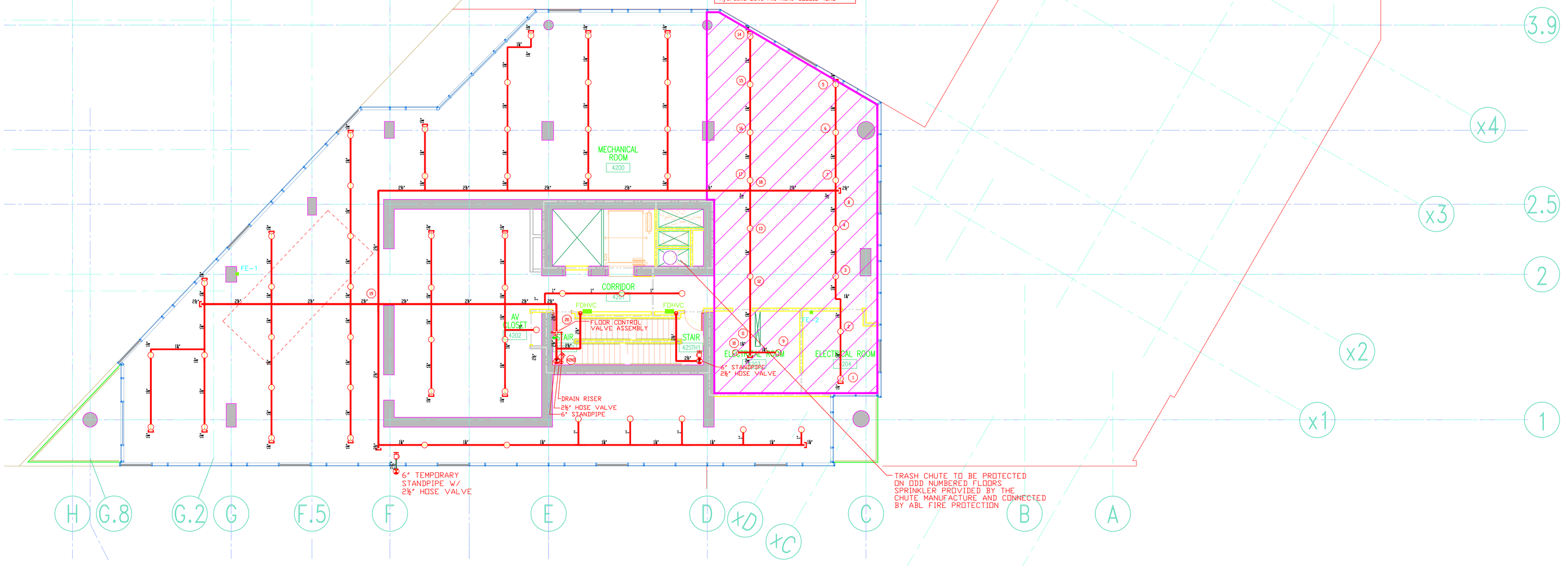
INSTALL DEFLECTORS A MAXIMUM OF 12" DOWN FROM THE DECK.

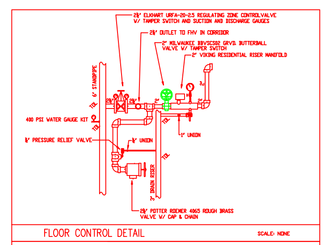


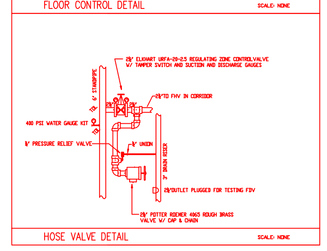
SPRINKLER HEADS WILL BE REQUIRED UNDER ALL DUCTS OR OTHER OBSTRUCTIONS WIDER THAN 48"

REMOTE AREA 42

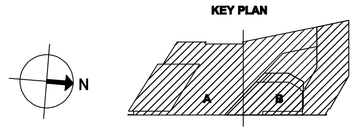
System Design Criteria : .2 gpm/sqft.
over remote 1500 sqft. w/ 250 gpm Hose.
Demand at the pump
550.63 gpm at 326.115 psi
Hydraulic Data File Name: SOLEIL 42ND







KEY PLAN



LEVEL 42 - FIRE PROTECTION PLAN-TOWER
1/8" = 1'-0"

PIPING PLAN

LEVEL 42 - FIRE PROTECTION
TOWER
MECHANICAL FLOOR PLAN

Ref: A-FP42, S-GP, FP118

LEGEND: RATED WALLS

SMOKE GUARD BARRIER	TWO HOUR FIRE PARTITION (PER NCBC 708; FLOOR-TO-U/S OF SLAB OR RATED CEILING)
THREE HOUR FIRE BARRIER (PER NCBC 706; FLOOR-TO-U/S OF SLAB)	ONE HOUR FIRE PARTITION (PER NCBC 708; FLOOR-TO-U/S OF SLAB OR RATED CEILING)
TWO HOUR FIRE BARRIER WALL (PER NCBC 706; FLOOR-TO-U/S OF SLAB)	SMOKE BARRIER PARTITION WALL (PER NCBC 709; MAX. 1 HR. FIRE RATING)
ONE HOUR FIRE FIRE BARRIER (PER NCBC 706; FLOOR-TO-U/S OF SLAB)	HORIZONTAL EXIT PASSAGEWAY

TYPES OF SPRINKLERS

SYM.	MAKE	MODEL	SIN NO.	SIZE	FINISH	TEMP.	TYPE	K=	ESCUTCHEON	QUAN.
○	VIKING	M		1/2	BRASS	200	UPRIGHT	5.6	–	

TOTAL AMOUNT FOR THIS SHEET:

#	DATE	REVISION DESCRIPTION	BY

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Contractor Seal:

Arthur K. Lamson, Jr. N.I.C.E.T. Level III #20462 FS

I certify that to the best of my knowledge this plan, prepared under my supervision, is in accordance with applicable NFPA standards, current building codes.

CONTRACTOR:

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PROJECT:
Soleil Center
4501 Creedmoor Road
Raleigh, North Carolina

DRAWN BY:	Jerry Boggess	DATE:	12-3-2007
SPRKS. ON JOB:		SCALE:	1/8" = 1'-0"
APPROVALS:			
CONTRACT #:	2698	SHEET #:	FP59