6" UNDERGROUND FIRE SERVICE MAIN
SEE SHEET FP1 FOR CONTINUATION
SEE CIVIL DRAWINGS FOR INSTALLATION REQTS.

FIRE SPRINKLER RISER ASSEMBLY
PROVIDE INSPECTOR'S TEST ON RISER
TIE IN ABOVE FLOW SWITCH
SEE RISER DETAIL ON SHEET FP1

8" ANTI-FREEZE SYSTEM RISER
SEE SHEET FP1 FOR DETAIL

NOTE: FDC TO BE WALL MOUNTED ON EXTERIOR OF BUILDING

HYDRAULIC DESIGN DATA – AREA #2	
AREA:	STORAGE AREA
HAZARD:	EXTRA HAZARD
DESIGN DENSITY:	0.35 GPM/SF
DESIGN AREA:	1,016 SF
HOSE ALLOWANCE:	500 GPM

COMBUSTIBLE WOOD TRUSS CONSTRUCTED IN CANOPY. PROVIDE SPRINKLER HEADS ABOVE

ANTIFREEZE SYSTEM IN CANOPY

SECTION A-4

BRASS UPRIGHT SPRINKLER HEADS SHALL BE INSTALLED OVER BOTH THE WALK-IN COOLER AND FREEZER. POSITION DEFLECTOR WITHIN 12" OF DECK.

ANTIFREEZE SYSTEM

EXTENDED COVERAGE HEADS CAN BE SPACED 16' APART (TYPICAL)

COMBUSTIBLE WOOD TRUSS CONSTRUCTED IN CANOPY. PROVIDE SPRINKLER HEADS ABOVE

1-1/2" UP TO TOWER

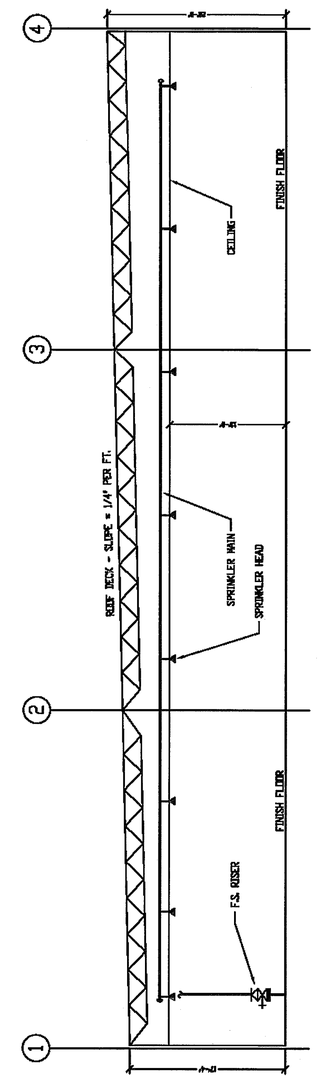
ANTIFREEZE SYSTEM IN CANOPY

HYDRAULIC DESIGN DATA – AREA #1	
AREA:	SALES AREA
HAZARD:	ORD. HAZARD GRP II
DESIGN DENSITY:	0.20 GPM/SF
DESIGN AREA:	1,651 SF
HOSE ALLOWANCE:	250 GPM

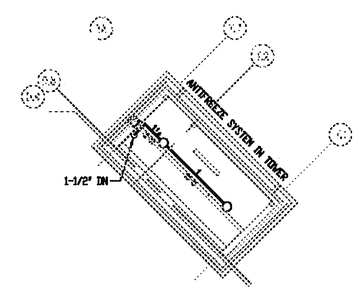
NOTE: REMOTE AREA IS PEAKED – SEE CALCULATION FOR PEAKING INFORMATION

NORTH

FIRE PROTECTION – FLOOR PLAN
SCALE: 1/8" = 1'-0"



SECTION A-A
CROSS SECTION THUR BUILDING
SCALE: 1/8" = 1'-0"



TOWER PLAN

FWH Architects, Inc.
3336 Grand Blvd. Suite 102
Holiday, Florida 34690
Ph. 727. 815. 3336
Fax 727. 815. 3337

PROJECT TYPE

DRAWINGS/SPECIFICATIONS BY:
- ☐ WALGREENS' CONSULTANT
- ■ LANDLORD'S CONSULTANT

CONSTRUCTION WORK BY: (UNLESS NOTED OTHERWISE)
- ☐ WALGREENS' CONTRACTOR
- ■ LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW.....	■	NEW.....	■
REMODELING...	☐	EXISTING.....	☐
RELOCATION...	☐	NEW SHELL ONLY	☐
OTHER.....	☐		

STANDARD ABBREVIATIONS

AB	Alarm Bell	GB	Grooved
AC	Air Compressor	GT	Groove to Thread
ACT	Acoustical Ceiling Tile	GV	Gate Valve
ACV	Alarm Check Valve	GWB	Gypsum Wall Board
AF	Antifreeze	HAD	Heat Actuated Device
AFF	Above Finished Floor	HGR	Hanger
ALV	Alarm Valve	HP	Horsepower
AMD	Air Maintenance Device	IE	Invert Elevation
AS	Automatic Sprinkler	IRI	Industrial Risk Insurers
ATR	All Thread Rod	ISO	Insurance Services Office
AUX	Auxiliary	ITC	Inspectors Test Connection
AV	Angle Valve	JST	Joist
BBBM	Below Bottom of Beam	JT	Joint
BBSM	Below Bottom of Deck	LB	Pound
BFP	Backflow Preventer	LTE	Long Turn Elbow
BFV	Butterfly Valve	LW	Lightweight Pipe
BHT	Ball Hook Tee	MAX	Maximum
BIV	Butterfly Indicating Valve	MIN	Minimum
BJ	Box Joint	ML	Metals Line
BLDG	Building	NAS	No Automatic Sprinklers
BM	Beam	NC	Non Combustible
BOR	Base of Riser	NFPA	National Fire Protection Assoc.
BV	Butterfly Valve	NHC	Not In Contract
CC	Center to Center	NHS	Non Rising Stem
CFM	Cubic Feet per Minute	NTS	Not To Scale
CG	Center to Groove	OHD	Overhead Door
CL	Centerline	OSY	Outside Screw and Yoke
COL	Column	PE	Plain End
CPLG	Coupling	P.E.	Professional Engineer
CR	Crane	PENT	Pendant
CRL	Cotton Rubber Lined	PIV	Post Indicator Valve
CF	Cubic Feet	PGL	Pipe-O-Let
CV	Check Valve	PS	Pressure Switch
DC	Double Check	PSI	Pounds per Square Inch
DCCV	Detector Check Valve	PVC	Poly Vinyl Chloride
DDC	Double Detector Check	QOD	Quick Opening Device
DELV	Deluge Valve	QR	Quick Response
DIP	Ductile Iron Pipe (CL 50 UNO)	R C	Riser Clamp
DIA	Diameter	RC	Reducer Coupling
DN	Down	RN	Riser Nipple
DPV	Dry Pipe Valve	RP	Reduced Pressure
DRYV	Dry Valve	RPM	Revolutions per Minute
DW	Drywall	SCH	Schedule
E	90°Elbow	SF	Square Foot
E45	45°Elbow	SPKR	Sprinkler
EL	Elevation	STR	Strainer
ELEV	Elevation	TEE	Tee
ELL	90°Elbow	TBC	Top Beam Clamp
F/CL	Floor to Centerline Dimension	TEMP	Temperature
FDC	Fire Department Connection	TG	Thread to Groove
FDV	Fire Department Valve	TH	Trapeze Hanger
FE	Fire Extinguisher	THR	Threaded
FEC	Fire Extinguisher Cabinet	THR CP	Threaded Cap
FHC	Fire Hose Cabinet	TOJ	Top Of Joist
FHRK	Fire Hose Rack	TOR	Top Of Riser
FHRL	Fire Hose Reel	TR	Trees
FL	Floor	TS	Tamper Switch
FLL	Friction Loss	TT	Thread to Thread
FLG	Flange	TW	Thin Wall Pipe per NFPA
FLR	Floor	UL	Underwriters Lab
FM	Factory Mutual	UNO	Unless Noted Otherwise
FV	Fire Valve	UPR	Upright
FVC	Fire Valve Cabinet	VA	Valve
GAL	Gallon	V.I.F.	Verify In Field
GB	Grow Bulb	WCV	Water Check Valve
GBV	Grooved Butterfly Valve	WD	Wood
GC	Groove to Cap	WF	Wide Flange Beam
GRC	Grooved Reducing Coupling	WFD	Water Flow Detector
GR CP	Grooved Cap	WFS	Water Flow Switch
GR CPLG	Grooved Coupling	WMS	Water Motor Gong
GRD	Ground	WOG	Welded Outlet – Grooved
GT	Groove to Groove	WOT	Welded Outlet – Threaded
GLV	Globe Valve	WO	Welded Outlet
GOL	Groove-O-Let	WT	Weight
GPM	Gallons per Minute		

NO.	DATE	DESCRIPTION
1	01.08.10	REVISED PER COJ PLAN REVIEW COMMENTS
2	02.05.10	REVISED PER WGS 1ST REVIEW COMMENTS
3	04.05.10	REVISED PER WGS 2ND REVIEW COMMENTS

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA AS SIGNIFIED BY MY HAND AND SEAL.

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PROJECT NAME
STORE #13450
SWC OF FOURAKER & NORMANDY
JACKSONVILLE, FLORIDA

DRAWING TITLE
FIRE PROTECTION
FLOOR PLAN

DATE: 11.30.09	WALGREENS STORE NO. 13450	DRAWING NO.	
DRAWN BY: SS	SCALE: AS NOTED	FP2	
REVIEWED BY: JC	RELEASED TO CONSTRUCTION	FWH PROJECT NO. 0913	