BELK DEPARTMENT STORE

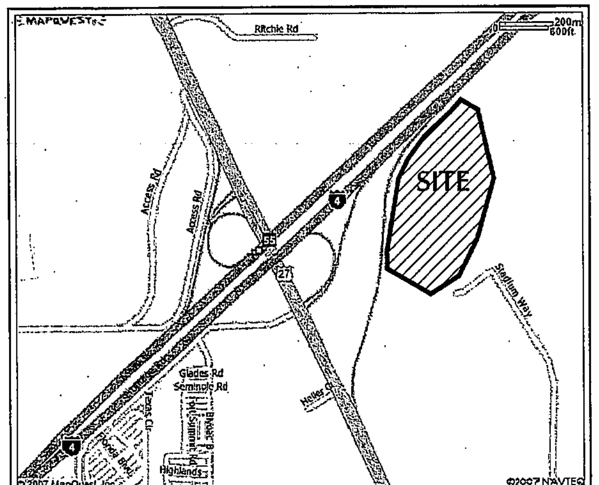
POSNER COMMONS

GRANDVIEW PARKWAY & VICTOR POSNER BOULEVARD
HAINES CITY, FLORIDA

ARTECH RETAIL ARCHITECTURE & INTERIORS

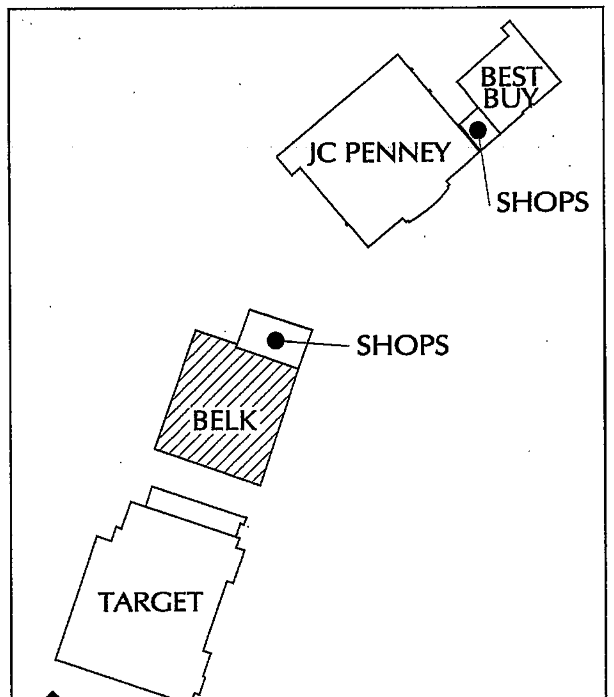
ARTECH DESIGN GROUP, INC.
1410 COWART STREET
CHATTANOOGA, TN 37408
423.265.4313

VICINITY MAP



NORTH

KEY PLAN



NORTH

CONTACT LIST

OWNER: Belk, Inc.
2801 West Tyvola Road
Charlotte, NC 28217-4500
Telephone: (704) 426-1906
Contact: Gary Beard

ARCHITECT: Artech Design Group, Inc.
1410 Cowart Street
Chattanooga, TN 37408
Telephone: (423) 265-4313
Contact: Lynn Holloway

ENGINEER: (STRUCTURAL) Gannett Fleming, Inc.
301 South McDowell St. Suite 914
Charlotte, NC 38204
Phone/Fax: (704) 375-2438
Contact: Paul Kumor

ENGINEER: (MECHANICAL, PLUMBING) David Shultz, P.E.
212 North McDowell Street - P.O. Box 37008
Charlotte, NC 28237
Telephone: (704) 334-7363
Contact: David Shultz

ENGINEER: (ELECTRICAL) Haas - Kennedy
212 North McDowell Street - P.O. Box 37291
Charlotte, NC 28237
Telephone: (704) 333-6590
Contact: Jim Ezekel

LOCAL AUTH: Polk County Florida
Polk County Building Division
330 W. Church Street
Bartow, FL. 33831
Telephone: (863) 534-6537
Contact: Steve Rozier - Plans Examiner Supervisor

DRAFTING SYMBOLS

COLUMN LINES

MAIN ROOF COLUMN NUMBERING — 2, B

SECONDARY COLUMN NUMBERING — 2.2, 3.3

SYMBOLS

TITLE SYMBOL — 1 TITLE SCALE: X=X ADDITIONAL

SECTION TYPICAL — section 1 on sheet A3.1

DETAIL - TYPICAL — detail 2 on sheet A5.1

ENLARGED DETAIL — detail 4 on sheet A5.1

INTERIOR ELEVATION SYMBOL: — interior elevation 5 on sheet A6.4

EXTERIOR ELEVATION SYMBOL: — exterior elevation 6 on sheet A2.1

100 — INTERIOR ROOM NUMBER:

100A — DOOR SYMBOL: see door schedule

677.52 — FINISH ELEVATION SYMBOL: 677.52 - elevation number

NORTH ARROW

1 — REVISION SYMBOL:

SCOPE OF WORK

1. THESE DRAWINGS ARE PART OF THE CONSTRUCTION DOCUMENTS FOR A NEW BELK RETAIL STORE LOCATED AT POSNER COMMONS - GRANDVIEW PARKWAY & VICTOR POSNER BOULEVARD, HAINES CITY, FLORIDA.

2. THE WORK FOR THIS PROJECT CONSIST OF TILT WALL CONSTRUCTION ON SPREAD FOOTINGS AT THE EXTERIOR WITH MASONRY AND STUCCO FINISHES. STRUCTURAL STEEL FRAMING IS USED FOR THE ROOF SUPPORT. THE INTERIOR CONSTRUCTION CONSIST OF METAL STUD AND GYPSUM WALL CONSTRUCTION ON CONCRETE SLAB WITH CARPET AND PORCELAIN TILE FINISHES. ALSO INCLUDED IS GENERAL PLUMBING, FIRE PROTECTION ELECTRICAL AND MECHANICAL WORK.

BUILDING CODE SUMMARY

NAME OF PROJECT: BELK DEPARTMENT STORE # 391
ADDRESS: HAINES CITY, FLORIDA
PROPOSED USE: MERCANTILE
OWNER/CONTACT PERSON: GARY BEARD PHONE: (704) 426-1906
CODE ENFORCEMENT JURISDICTION: POLK COUNTY FLORIDA

APPLICABLE CODES:

ARCHITECTURAL	2004 FLORIDA BUILDING CODE W/ 2005 AMMENDMENTS
ELECTRICAL	2005 NATIONAL ELECTRICAL CODE
PLUMBING	2004 FLORIDA PLUMBING CODE W/ 2006 AMMENDMENTS
MECHANICAL	2004 FLORIDA MECHANICAL CODE W/ 2006 AMMENDMENTS
FIRE	2004 FLORIDA FIRE PROTECTION CODE
ACCESSIBILITY	2004 FLORIDA BUILDING CODE W/ 2006 AMMENDMENTS

DESIGNER OF RECORD:

DESIGNER	NAME	LICENSE #	TELEPHONE #
ARCHITECTURAL	DAVID HUDSON	AR0011985	(423) 265-4313
ELECTRICAL	HUGH KENNEDY	0048719	(704) 333-6590
PLUMBING	DAVID N. SHULTZ P.E.	28285	(704) 334-7363
MECHANICAL	DAVID N. SHULTZ P.E.	28285	(704) 334-7363
STRUCTURAL	PAUL KUMOR P.E.	80365	(704) 375-2438
SPRINKLER - STANDPIPE	DAVID N. SHULTZ P.E.	28285	(704) 334-7363
FIRE ALARM	HUGH KENNEDY	0048719	(704) 333-6590
CIVIL			

BUILDING DATA:

OCCUPANCY: ☐ ASSEMBLY ☐ BUSINESS ☐ EDUCATIONAL ■ MERCANTILE ☐ HAZARDOUS ☐ FACTORY-INDUSTRIAL ☐ INSTITUTIONAL ☐ INSTITUTIONAL ☐ RESIDENTIAL ☐ STORAGE

MIXED OCCUPANCY: YES ___ NO X SEPARATION ___ HR.

CONSTRUCTION TYPE: ☐ I (A) ☐ I (B) ☐ II (A) ■ II (B) ☐ III (A) ☐ III (B) ☐ IV (HT) ☐ V (A) ☐ V (B)

SPRINKLED: YES X NO ___
FIRE DISTRICT: YES ___ NO X
BUILDING HEIGHT: 25'-0" FEET 1 NUMBER OF STORIES
MEZZANINE: YES X NO ___
HIGH RISE: YES ___ NO X

GROSS BUILDING AREA:
FLOOR — FOOTPRINT SQ. FT.
1ST FLOOR — 73,777

TOTAL GROSS AREA: 73,777 SQ. FT.
AREA INCREASE: YES ___ NO X CODE REFERENCE 507.2
IF YES, CALCULATION: UNLIMITED AREA WHEN FULLY SPRINKLERED AND WITH 60' CLEAR PUBLIC ACCESS WAY AROUND BUILDING

FIRE RESISTANCE RATINGS

	REQ'D HOURLY	DETAIL & SHEET #	% WALL OPENING	DESIGN # FOR RATED ASSEMBLIES
PARTY/FIREWALLS:	N/A			
EXTERIOR BEARING WALLS: NORTH	NC			
EAST	NC			
WEST	NC			
SOUTH	NC			
EXTERIOR NON-BEARING WALLS: NORTH	NC			
EAST	NC			
WEST	NC			
SOUTH	NC			
INTERIOR WALLS: BEARING	N/A			
NON-BEARING	N/A			
TENANT SEPARATION	N/A			
CEILING-FLOORS ASSEMBLY:	NC			
BEAMS:	NC			
COLUMNS:	NC			
CEILING-ROOF ASSEMBLY:	NC			
VERTICAL SHAFTS:	NC			
CHASES - P.E.M.:	NC			
MIXED OCCUPANCY SEPARATION:	NC			
TENANT SEPARATION:	1 Hr			U.L. # U465
	N/A			
	N/A			

LIFE SAFETY SYSTEM:
EMERGENCY LIGHTING AND EXIT SIGNS — YES X NO ___
FIRE ALARM AND SMOKE DETECTOR SYSTEMS — YES X NO ___
PANIC HARDWARE — YES X NO ___

EXIT REQUIREMENTS:
DEAD END LIMIT-MAXIMUM CONDITION — 20 FEET
TRAVEL DISTANCE TO EXIT-MAXIMUM CONDITION — 250 FEET
NUMBER EXITS:

SEE CALCULATIONS ON SHEET C03

DESIGN LOADS:
ROOF LIVE LOAD: 20 PSF
SNOW (FIG. 1608.2) - Pg N/A PSF IMPORTANCE FACTOR (TABLE 1604.5) - Is N/A
WIND (FIG. 1609) - V 110 MPH IMPORTANCE FACTOR (TABLE 1604.5) - Iw 1.0
BUILDING CODE: 2004 FBC EXPOSURE CATEGORY C
FLOOR: N/A PSF
LATERAL DESIGN CONTROL: EARTHQUAKE ___ WIND X
CALCULATED WIND BASE SHEARS (FOR MWFRS) Vx = 115 KIPS, Vy = 100 KIPS
EFFECTIVE WIND AREA FOR ASCE 7-02 GCpi = ±0.18
SEISMIC PERFORMANCE CATEGORY A — COMPLIANCE WITH SECTION 1616 N/A
SEISMIC PERFORMANCE CATEGORY B & C — N/A, N/A, N/A, N/A, N/A, N/A

BASIC STRUCTURAL SYSTEM	R	Ωo	Cd
ORDINARY REINFORCED MASONRY SHEAR WALL			

CALCULATED WIND SEISMIC SHEARS Vx = N/A, Vy = N/A
BUILDING HEIGHT LIMIT, FEET H = NL
ANALYSIS PROCEDURE X

SOIL BEARING CAPACITIES:
PRESUMPTIVE BEARING CAPACITY N/A PSF
FIELD TEST (PROVIDE COPY OF TEST REPORT) 3,000 PSF
PILE SIZE, TYPE, AND CAPACITY N/A

GEOTECHNICAL INFORMATION
DATE JANUARY 10, 2007
WHOM BY: DRIGGERS ENGINEERING SERVICES, INC.

TOILET FIXTURE SUMMARY — OCCUPANT LOAD 2,349 PEOPLE

	WOMEN REQUIRED	WOMEN PROVIDED	MEN REQUIRED	MEN PROVIDED	FAMILY REQUIRED	FAMILY PROVIDED
LAVATORIES	2	4	2	4	NA	1
WATER CLOSETS	5	5	3	2	NA	1
URINALS	NA	NA	-	1	NA	-

	REQUIRED	PROVIDED
DRINKING FOUNTAINS	3	3
MOP/SERVICE SINK	1	1

GENERAL NOTES

1. ALL WORK AND FINAL FINISHED PRODUCTS SHALL BE COMPLETE IN EVERY RESPECT TO THE SATISFACTION OF THE OWNER.
2. THESE DRAWINGS ARE PREPARED FOR THE PURPOSE OF CONSTRUCTION ONLY. THESE DRAWINGS ARE NOT TO BE USED FOR MAINTENANCE PURPOSES, AS ACTUAL CONDITIONS MAY VARY FROM THOSE SHOWN ON THESE DRAWINGS DUE TO CHANGE ORDERS, ALTERATIONS BY OTHERS, FIELD CONDITIONS, ETC.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS AFFECTING THIS PROJECT PRIOR TO FABRICATION OR INSTALLATION OF NEW WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES FROM DIMENSIONS SHOWN NOTED OR REQUIRED. ADJUST DIMENSIONS OF NEW CONSTRUCTION AT THE DIRECTION OF THE ARCHITECT TO ALLOW ACTUAL FIELD DIMENSIONS.
4. ALL WORK MUST MEET THE REQUIREMENTS OF ALL APPLICABLE CODES, ORDINANCES AND THE APPROVAL OF THE GOVERNING AUTHORITIES. THIS IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR (G.C.) AND ALL THE SUBCONTRACTORS.
5. ALL DIMENSIONS ARE FINISH FACE TO FINISH FACE U.N.O.
6. ALL FIRE EXTINGUISHERS (25 MINIMUM) (CLASS "ABC") WILL BE FURNISHED AND INSTALLED BY BELK DEPARTMENT STORES, AND SHALL MEET THE REQUIREMENTS OF NFPA 10 AND SECTION 906 OF THE 2003 IBC AND WILL BE SUBJECT TO THE APPROVAL OF THE FIRE OFFICIAL.
7. ALL WOOD IS TO BE FIRE RETARDANT TREATED (FRT).

INDEX OF DRAWINGS

ARTECH RETAIL ARCHITECTURE & INTERIORS
ARTECH DESIGN GROUP, INC.
1410 COWART STREET
CHATTANOOGA, TN 37408
423.265.4313

BELK DEPARTMENT STORES

POSNER COMMONS
GRANDVIEW PARKWAY & VICTOR POSNER BOULEVARD
HAINES CITY, FLORIDA

RECEIVED JUN 05 2007 STEWART PERRY

FOR BID ONLY
NOT FOR CONSTRUCTION

ISSUE DATES
INITIAL 05-23-07

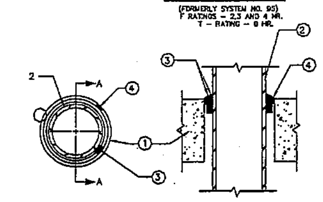
JOB NO.	D'WN	CK'D
07-020		

ARCHITECTURAL SHEET NO.

C01

COVER SHEET

SYSTEM NO. CAJ1002
(FORMERLY SYSTEM NO. 95)
F RATINGS – 2,3 AND 4 HR.
T – RATING – 0 HR.



SECTION A–A

1. Floor or Wall Assembly – Lightweight or normal weight (100-150 pcf) concrete. Min. thickness of concrete floor or wall assembly is 4-1/2 in. for 2 and 3 hr. F Ratings and 5-1/2 in. for 4 hr. F Rating. Wall may also be constructed of any UL Classified Concrete Blocks. Max diam of circular opening is 13-1/2 in.

See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. Steel Pipe of Conduit – Nom 12 in diam (or smaller) Schedule 10 (or heavier) steel pipe, nom 6 in. diam (or smaller) steel conduit or norm 4 in diam (or smaller) steel EMT. Max one pipe or conduit per opening, centered in opening. Min clearance between pipe or conduit and sides of through opening is 1/4 in. Max clearance between pipe or conduit and sides of through opening is 1-3/4 in. for 2 hr. F. Rating and 3/4 in. for 3 and 4 hr. F. Ratings. Pipe or conduit to be rigidly supported on both sides of floor or wall assembly.

3. Fill, Void Or Cavity Materials – Wrap Strip – Nom 1/4 in. thick intumescent elastomeric material faced on one side with aluminum foil, supplied in 2 in. wide strips. For the 2 and 3 hr. F Ratings, min 1 in. wide strip(s) wrapped around pipe/conduit (foil side exposed) until OD of wrap strip is equal to or max 3/16 in less than ID of circular through opening. Wrap strip tightly bound with steel tie wire or pressure-sensitive tape and slid into through opening such that the top edge of the wrap strip(s) is recessed 1/4 in. from top surface of floor or, in wall assemblies, such that the wrap strip(s) is centered in the wall thickness. For the 4 hr. Rating, nom 2 in. wide strip(s) wrapped around pipe/conduit (foil side exposed) on each side of the floor or wall assembly until OD of wrap strip is equal to or max 3/16 in. less than ID of circular through opening. Wrap strip tightly around with steel tie wire or pressure-sensitive tape and slid into through opening on each side of floor or wall assembly such that the exposed edges are recessed 1/4 in. from the floor or wall surfaces.

Minnesota Mining & Mfg. Co. – Type FS-195

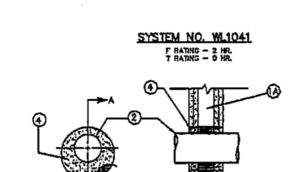
4. Fill, Void Or Cavity Materials – Caulk – Nom 1/4 in. thickness of caulk to be applied to the exposed edge(s) of the wrap strip and to fill all voids between the pipe/conduit and the periphery of the through opening. For 2 and 3 hr. F Rating in floor assemblies, caulk to be installed flush with top surface of floor. For wall assemblies and for the 4 hr. F. Rating in floor assemblies, caulk to be applied on both sides of assembly.

Minnesota Mining & Mfg. Co. – Types CP-25 S/L, CP-25 N/S, CP-25 WB.

Bearing the UL Classification Marking.

FLOOR OR WALL ASSEMBLY
1-2-3 HR UL PENETRATION (STEEL CONDUIT)

SYSTEM NO. WL1041
F RATING – 2 HR.
T RATING – 0 HR.



SECTION A–A

1. Wall Assembly – The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs – Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced max 16 in. OC. Steel studs to be 8 min 2-1/2 in. wide and spaced max 24 in. OC.

B. Wallboard, Gypsum – Two layers of nom 5/8 in. thick gypsum wallboard, as specified in the individual Wall and Partition Designs. Max diam of opening not to exceed 7 in.

2. Through Penetrants – One metallic pipe or conduit to be installed concentrically or eccentrically within the firestop system. The annular space shall be min 1/4 in. to max 2-1/2 in. pipe or conduit to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or conduits may be used:

A. Steel Pipe – Nom 4 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
B. Conduit – Nom 4 in. diam (or smaller) electrical metallic tubing or steel conduit.
C. Copper Tubing – Nom 3 in. diam (or smaller) Type M (or heavier) copper tubing.

3. Packing Material – Min 3-1/2 in. thickness of min 0.5 pcf fiberglass insulation firmly packed into opening as a permanent form. The packing material shall be sized to be at least 1/2 in. larger than the opening diam, centered in the walls mid-depth and compressed so that it is recessed a min. of 1-1/4 in. from each surface of wall.

4. Fill, Void or Cavity Material – Dry mix material mixed with water at a rate of 100 grams of dry mix per 48 to 50 ml of water or a 48/100 to 50/100 ratio by weight of water to dry mix, in accordance with the accompanying installation instructions. Material applied to each surface of the packing material within the annulus between the penetrating item and periphery of opening to a min. depth of 1-1/4 in. Material shall be troweled flush with both surfaces of wall assembly.

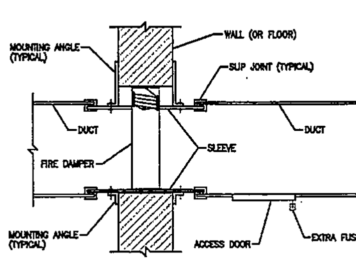
Gold Bond Building Products, National Gypsum Div. – Type Sta-Smooth FS.

** Bearing the UL Classification Marking.

FLOOR OR WALL ASSEMBLY
1-2-3 HR UL PENETRATION (STEEL CONDUIT)

UL PENETRATING PROCEDURE DETAILS
1/8"=1'

NOTE:
1. FIRE DAMPER SHALL BE RUSKIN TYPE DIBD2 STYLE B 1-1/2 HOUR U.L. INSTALLED IN ACCORDANCE WITH NFPA. ACCESS DOOR SHALL BE RUSKIN MODEL ADH22 LOCATED ON ACCESSIBLE CEILING SIDE OF WALL. IF ACCESSIBLE CEILING NOT AVAILABLE, MECHANICAL CONTRACTOR SHALL PROVIDE ACCESS DOOR IN CEILING (OR WALL) TO MATCH FINISH COLOR. DAMPER SHALL BE EQUIPPED FOR HORIZONTAL OR VERTICAL MOUNTING AS REQUIRED. WHERE ROUND DUCTS REQUIRE A DAMPER, AN ENCLOSURE WITH ROUND DUCT CONNECTION WILL BE REQUIRED WITH TYPE B DAMPER INSIDE. ALL MODELS ARE RUSKIN (APPROVED EQUAL ACCEPTABLE). PROVIDE AN EXTRA FUSIBLE LINK WIRED TO ACCESS DOOR.

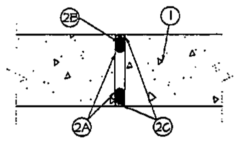


12 — LOW PRESSURE FIRE DAMPER DETAIL
M3.A — NO SCALE

UL # WW-D-0054
System No. WW-D-0054

April 19, 2005

Assembly Rating — 4 Hr
Joint Width—1 In. Max
Class II and III Movement Capabilities – 25% Compression and Extension



1. Wall Assembly — Min 6 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

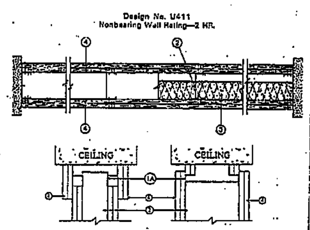
2. Joint System — Max width of joint is 1 in. The joint system shall consist of the following:
A. Fill, Void or Cavity Material* — Nom 1/16 in. thick by 1-1/2 in. wide strips of intumescent material faced on one side with an elastomeric backing strip. Strips are formed into a "u-shape" along its length and friction fit into joint opening such that the base of the "u" is recessed approximately 1-11/16 in. from each surface of wall. 1/16 in. thick by 1 in. wide intumescent strips may be used in max 3/4 in. wide joints in the same manner as above.
RECTORSEAL — Metacaulk Joint Strip

B. Packing Material — Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from each surface of wall as required to accommodate the required thickness of fill material.
C. Fill, Void or Cavity Material* — Min 1/4 in. thickness of fill material applied within the joint, flush with each surface of wall.
DEGUSSA BUILDING SYSTEMS — Sonolastic NP-1 Caulk

SIKA CORPORATION — Sikaflex 2C NS, Sikaflex 1-A

*Bearing the UL Classification Mark

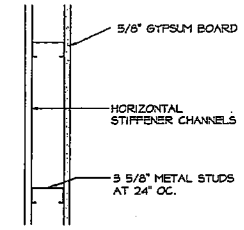
UL # U411



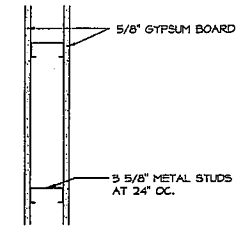
FLORIDA PRODUCT APPROVALS

NUM.	CATEGORY	SUB-CATEGORY	MANUFACTURER	FL. #
1	EXTERIOR DOORS	1. SWING DOORS 2. SLIDING DOORS	1. CURRIES COMPANY 2. STANLEY ACCESS	1. FL6087.1 2. FL5503.1
2	WINDOWS	1. N/A		
3	PANEL WALLS	1. STOREFRONT	1. KAWNEER COMPANY	1. FL7237.1
4	ROOFING PRODUCTS	1. ROOFING	1. CARLISLE SYNTEC,	1. FL1601.1
5	SHUTTERS	1. ROLL-UP DOORS	1. COOKSON COMPANY	1. FL2211.3
6	SKYLIGHTS	1. N/A		
7	STRUCTURAL COMPONENTS	1. N/A		
8	NEW TECHNOLOGY	1. N/A		

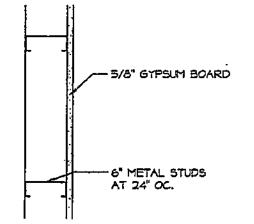
PARTITIONS



P3.1.H — H- INDICATES HEIGHT IN FEET OR D- TO BOTTOM OF DECK

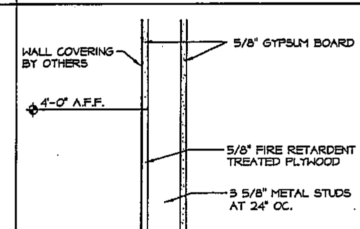


P3.2.H — H- INDICATES HEIGHT IN FEET OR D- TO BOTTOM OF DECK



P6.1.H — H- INDICATES HEIGHT IN FEET OR D- TO BOTTOM OF DECK

PARTITIONS

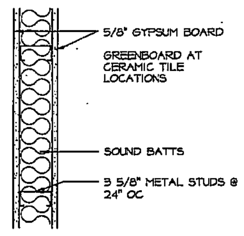


PW3.2.H — H- INDICATES HEIGHT IN FEET OR D- TO BOTTOM OF DECK W- INDICATES PLYWOOD SHEATHING ONE SIDE OF WALL.

PARTITION NOTES:

1. SEE SHEETS A3.1A, A3.1B, A3.2A & A3.2B FOR LOCATION OF WALL STANDARDS. ALSO SEE DETAIL 1/A3.1A
2. WHERE GYP BOARD IS OMITTED ON ONE SIDE OF WALL, PROVIDE 3/4" x 3/4" STIFFENER CHANNELS ATTACHED HORIZONTALLY ACROSS BACK OF STUDS AND SPACED VERTICALLY AT 3RD POINTS
3. PROVIDE DIAGONAL STUD BRACING 4'-0" O.C. TO STRUCTURE ABOVE CEILING
4. PROVIDE 3 5/8" X (25 GAGE) STUDS AT a). WALLS THAT ARE LATERALLY SUPPORTED AT ENDS, AND WHERE (20 GAGE) STUDS ARE NOT SPECIFICALLY CALLED FOR. b). CURTAIN WALLS.
5. PROVIDE 3 5/8" X (20 GAGE) STUDS AT a). FULL HEIGHT WALLS, b). WALLS WITH FREE STANDING ENDS, c). WING WALLS, d). DOOR AND CASED OPENING JAMBS AND HEADERS, AND e). ANY OTHER WALL OPENINGS.

ACOUSTICAL

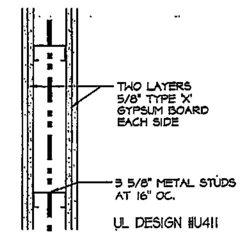


A3.2.H — H- INDICATES HEIGHT IN FEET OR D- TO BOTTOM OF DECK

ACOUSTICAL NOTES:

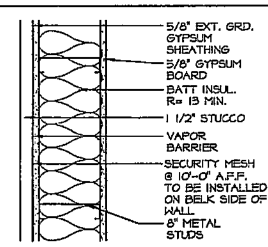
1. PROVIDE MOISTURE RESISTANT GYPSUM BOARD ON RESTROOM SIDE AT CERAMIC TILE LOCATIONS ONLY.

FIRE RATED

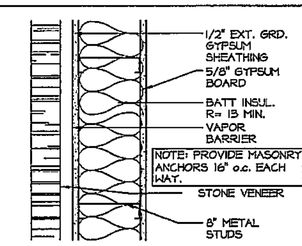


F3.4.D — D- TIGHT TO BOTTOM OF ROOF DECK

MASONRY / EXTERIOR



E10.2 — EXTERIOR WALLS - SEE WALL SECTIONS FOR HEIGHTS

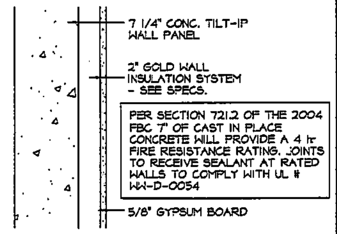


ME14.2 — EXTERIOR WALLS - SEE WALL SECTIONS FOR HEIGHTS

MASONRY NOTES:

1. WHERE GYP BOARD IS OMITTED ON ONE SIDE OF WALL, PROVIDE 3/4" x 3/4" STIFFENER CHANNELS ATTACHED HORIZONTALLY ACROSS BACK OF STUDS AND SPACED VERTICALLY AT 3RD POINTS

TILT-UP PANELS



T9.1 — EXTERIOR WALLS - SEE WALL SECTIONS FOR HEIGHTS

TILT-UP PANEL NOTES:

1. GOLD-WALL INSULATING SYSTEM
PLYMOUTH FOAM INCORPORATED
1800 SUNSET DRIVE
PLYMOUTH, WI 53073
800-669-1176
WWW.PLYMOUTHFOAM.COM

GENERAL NOTES:

1. ON ALL WALLS EXTENDING TO DECK PROVIDE A CONTINUOUS SLIP JOINT TRACK AT TOP OF WALL. TRACK TO BE SUPERIOR METAL TRIM, SFT TYPE 58 OR EQUAL, 20 GA. FILL VOIDS BETWEEN DECK & TRACK W/ FIRE INSULATION AND/OR FIRE SAFING INSULATION.

2. ALL FOAM INSULATION TO BE R-8 MINIMUM.

— • — INDICATES 1 HR FIRE RATING. UL# U465

— • • — INDICATES 2 HR FIRE RATING. UL# U411

WALL TYPE DESIGNATION:

WALL TYPE: F = FIRE, P = PARTITION, A = ACOUSTICAL, M = MASONRY, T = TILT-UP PANELS
WIDTH OF STUD: 1 = 1", 2 = 2", 3 = 3 5/8", 6 = 6", 8 = 8", ETC.
LAYERS OF SHEATING:- GYP. BOARD OR DENSGLASS
HEIGHT OF WALL IN FEET OR "D" FOR BOTTOM OF DECK

A3.2.9

EXAMPLE:- F3.4.D — FIRE WALL, 3 5/8" STUD, 4 LAYERS GYP. BOARD, HEIGHT TO UNDERSIDE OF DECK

ART RETAIL ARCHITECTURE & INTERIORS
ARTECH DESIGN GROUP, INC.
1410 COWART STREET
CHATTANOOGA, TN 37408
423.265.4313

BELK DEPARTMENT STORES

POSNER COMMONS
GRANDVIEW PARKWAY & VICTOR POSNER BOULEVARD
HAINES CITY, FLORIDA

Belk

RECEIVED JUN 05 2007 STEWART PERRY

FOR BID ONLY NOT FOR CONSTRUCTION

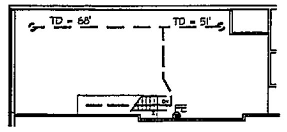
ISSUE DATES
INITIAL 05-23-07

JOB NO. 07-020 | D'WN | CK'D

ARCHITECTURAL SHEET NO.

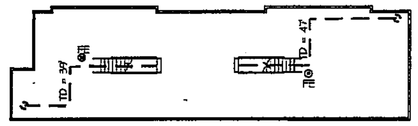
C02

TECHNICAL DATA



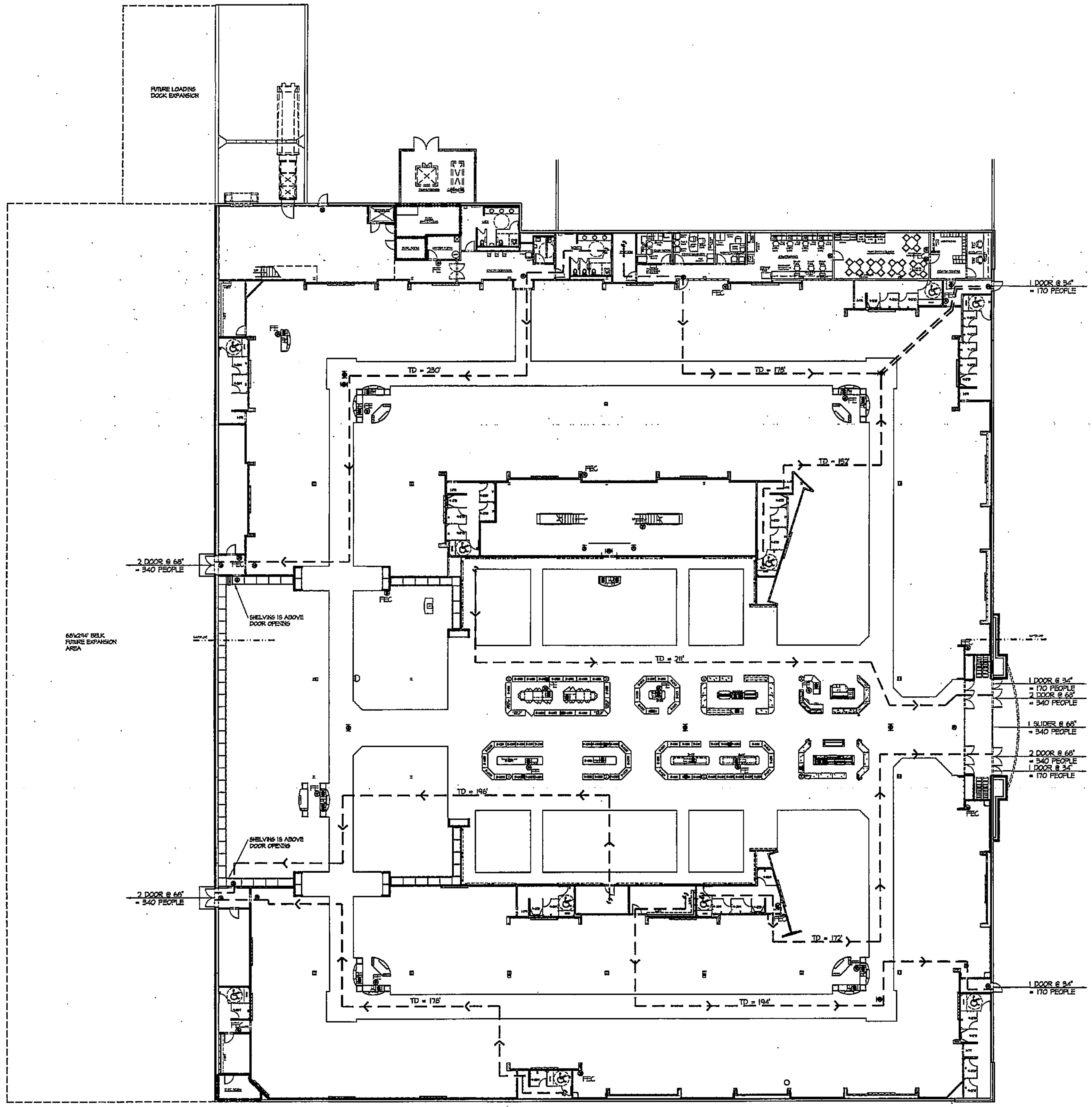
UPPER RECEIVING AREA

SCALE: 1/16" = 1'-0"



UPPER SHOE STOCK

SCALE: 1/16" = 1'-0"



LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"

FIRE CONTROL NOTES:

AUTOMATIC SPRINKLER SYSTEM:

A FLORIDA DEPARTMENT OF INSURANCE LICENSED FIRE SPRINKLER CONTRACTOR MUST INSTALL THE FIRE SPRINKLER SYSTEM, INCLUDING THE UNDERGROUND FIRE-LINE SUPPLYING THE FIRE SPRINKLER SYSTEM. HYDRAULIC CALCULATIONS FOR "ORDINARY HAZARD GROUP 2" .17 GPM OVER THE REMOTE 3000 SQ. FT. ARE REQUIRED FOR ALL PORTIONS OF THE SYSTEM, INCLUDING THE LOWER AND UPPER SHOE STOCK AREAS AND THE UPPER LEVEL STORAGE ABOVE THE RECEIVING AREA.

FIRE SPRINKLER PLANS AND CALCULATIONS, INCLUDING THE LAYOUT AND STORAGE RACK AND SHELF CONFIGURATION, HAS TO BE SUBMITTED BY THE FIRE SPRINKLER CONTRACTOR TO THE LOCAL AUTHORITY FOR APPROVAL. AFTER APPROVAL BY THE LOCAL AUTHORITY, SUBMIT SAME TO THE BELK PLUMBING ENGINEER FOR APPROVAL BEFORE WORK MAY COMMENCE.

FIRE ALARM SYSTEM:

A FLORIDA DEPARTMENT OF INSURANCE LICENSED FIRE ALARM CONTRACTOR MUST INSTALL THE FIRE ALARM SYSTEM AND SUBMIT ENGINEERED FIRE ALARM PLANS AND AN ACCESS CONTROL SYSTEM SUBMITTAL AS REQUIRED BY THE FIRE DEPARTMENT FOR APPROVAL BEFORE WORK MAY COMMENCE.

PORTABLE FIRE EXTIGUISHERS:

2-A TYPE EXTIGUISHERS FOR CLASS ABC (MODERATE) HAZARD ARE TO BE INSTALLED BY THE OWNER AT THE CUSTOMER SERVICE COUNTERS AND NON-SALES AREAS, SUCH THAT THE TRAVEL DISTANCE TO AN EXTINGUISHER DOES NOT EXCEED 75 FEET AND IN CONSPICUOUS LOCATIONS. ● FE
G.C. TO PROVIDE "LARSEN #2409-R3" F.E. CABINETS SUCH THAT EXTIGUISHERS ARE ACCESSABLE TO THE PUBLIC. ● FEC
ALL STAFF SHALL BE TRAINED IN THE USE OF PORTABLE FIRE EXTIGUISHERS.

RETURN AIR PLENUM:

THE USE OF COMBUSTABLE MATERIALS ARE PROHIBITED IN THE PLENUM SPACE

EXIT DATA

PROJECT: BELK – POSNER COMMONS – HAINES CITY, FLORIDA
BUILDING AREA: 73,777 SF — 1 STORY SPRINKLERED

OCCUPANCY CALCULATION:

STOCK/RECEIVING AREA:	3,722 SQ. FT.	@ 300 SF/PERSON	12.41	PEOPLE
SALES AREA:	70,055 SQ. FT.	@ 30 SF/PERSON	2335.17	PEOPLE
TOTAL:	73,777 SQ. FT.		2348.0	PEOPLE

REQUIRED EXIT WIDTH = 2348 PEOPLE x 0.2 INCH/PERSON = 470 INCHES (14 DOORS)

PROVIDED SALES EXIT WIDTH = (12) DOORS x 34 INCHES = 408 INCHES
PLUS (1) SETS OF BREAKAWAY SLIDING DOORS = 68 INCHES
TOTAL EGRESS = 476 INCHES

MAXIMUM TRAVEL DISTANCE = 250'
DEAD END LIMIT = 20'
MINIMUM CORRIDOR WIDTH = 3'-8"

ART RETAIL ARCHITECTURE & INTERIORS
ARTECH DESIGN GROUP, INC.
1410 COWART STREET
CHATTANOOGA, TN 37408
423.265.4313

BELK DEPARTMENT STORES

POSNER COMMONS
GRANDVIEW PARKWAY & VICTOR POSNER BOULEVARD
HAINES CITY, FLORIDA

Belk

RECEIVED JUN 05 2007

FOR BID ONLY NOT FOR CONSTRUCTION

ISSUE DATES
INITIAL 05-23-07

JOB NO. 07-020 | D'WN | CK'D

ARCHITECTURAL SHEET NO.

C03

LIFE SAFETY/EXIT STUDY