

DOLLAR GENERAL STORE 18150 169 KING ST. (NH RT.3) BOSCAWEN, NH PREPARED FOR LISCIOTTI DEVELOPMENT



DRAWING LIST

- GENERAL:**
- T0.1 TITLE SHEET
- CIVIL:**
- 1 COVER SHEET
 - 2 GENERAL NOTES SHEET
 - 3 DEMOLITION PLAN
 - 4 SITE PLAN
 - 5 GRADING & DRAINAGE PLAN
 - 6 UTILITY PLAN
 - 7 SOIL EROSION & SEDIMENT CONTROL PLAN
 - 8 SOIL EROSION CONTROL NOTES & DETAIL SHEET
 - 9 LANDSCAPE PLAN
 - 10 LANDSCAPE NOTES AND DETAIL SHEET
 - 11 LIGHTING PLAN
 - 12 CONSTRUCTION DETAIL SHEET
 - 13 CONSTRUCTION DETAIL SHEET
 - 14 CONSTRUCTION DETAIL SHEET
 - 15 ALTA/ACSM LAND TITLE SURVEY BY OTHERS

- OWNER:**
- F0.1 FIXTURE PLAN

- ARCHITECTURAL:**
- A0.1 FLOOR EXIT PLAN
 - A1.0 FLOOR PLAN & DETAILS
 - A1.1 SIDEWALK PLAN
 - A2.0 EXTERIOR ELEVATIONS
 - A3.0 SECTIONS, DETAILS & DES CRITERIA
 - A3.1 SECTIONS & DETAILS
 - A3.2 SECTIONS & DETAILS
 - A4.0 FINISH SCHEDULE & INTERIOR ELEVATIONS
 - A5.0 DOOR SCHEDULE & DETAILS
 - A6.0 TOILET ROOM PLAN & DETAILS
 - A7.0 SIGN DETAILS
 - A8.0 SIGN BRACING DETAILS
 - A9.0 REFLECTED CEILING PLAN
 - A10.0 ROOF PLAN & FINISH SCHEDULE

- STRUCTURAL:**
- S01 GENERAL NOTES
 - S02 STRUCTURAL SPECIFICATIONS
 - S03 FOUNDATION PLAN AND DETAILS
 - S04 FOUNDATION SECTIONS AND DETAILS

- ELECTRICAL:**
- E1 POWER PLAN
 - E2 LIGHTING PLAN
 - E3.1 POWER POLE DETAILS
 - E4 NOT USED
 - E5 PANEL SCHEDULES
 - EMS1 EMS LOW VOLTAGE PLAN
 - EMS2 EMS PANEL & CONTROLS
 - ES1 SITE LIGHTING PLAN

- MECHANICAL:**
- M1 HVAC LAYOUT & SCHEDULE

- PLUMBING:**
- P1 PLUMBING PLANS & SCHEDULES
 - P2 PLUMBING DETAILS & DIAGRAMS

SQUARE FOOTAGE LEGEND

TOTAL SQUARE FOOTAGE	7,512 S.F.
TOTAL LEASABLE AREA	7,512 S.F.
OVERALL BUILDING DIMENSIONS	85'-0" X 85'-0"
SALES FLOOR DIMENSIONS	83'-0" X 68'-6"
SALES AREA	
RECEIVING AREA	5,956 S.F.
BREAK ROOM & OFFICE AREA	888 S.F.
TOILET ROOMS & HALLWAY AREA	154 S.F.
TOILET ROOMS & HALLWAY AREA	193 S.F.
TOTAL NET AREA (BLDG AREA PER CODE)	7,191 S.F.

- NOTES:**
1. BUILDING MUST COMPLY WITH ALL BUILDING (FEDERAL, STATE AND LOCAL), FIRE, ACCESSIBILITY AND HEALTH DEPARTMENT CODES.
 2. NO TAPERED COLUMNS ALLOWED.
 3. MAINTAIN INTERIOR CLEAR SALES SPACE AS REQUIRED ON PLANS.

REQUIRED NATIONAL ACCOUNT VENDORS

	COMPANY	CONTACTS	PHONE #	REQUIRED ITEMS	
CONCRETE SITE	RAINBIRD IRRIGATION	LOCAL RAIN BIRD DISTRIBUTER	WWW.RAINBIRD.COM	IRRIGATION SYSTEMS	
	CONCRETE POLISHING	EUCLID CHEMICAL COMPANY	PHIL BRANDT PBrandt@euclidchemical.com	877-438-3826	CONCRETE POLISHING SYSTEMS
DOORS	RETRO-PLATE SYSTEMS	SCOTT MAXFIELD	801-641-6796 scott.maxfield@retroplatesystem.com	CONCRETE POLISHING SYSTEMS	
	STOREFRONT ENTRANCE	RECORD DOOR SYSTEMS	MICHAEL VINNIK	704-290-0234 dollargeneral@recorddoors.com	IN, KY, MD, OH, PA, VA, WV MODEL #5100 SERIES
	INTERIOR DOORS	STANLEY ACCESS TECHNOLOGIES	DENNIS WEBB	256-776-8902 DGdoors@sbdinc.com	AR, AZ, CA, CO, CT, DE, IL, IA, KS, LA, MA, ME, MI, MN, MO, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, RI, SD, TX, VT, WI MODEL #DG2000
		ASSA ABLOY ENTRANCE SYSTEMS	ROSS MERKLING	609-528-2580 dollargeneral.besam.us@assaabloy.com	AL, FL, GA, MS, NC, SC, TN MODEL #SL500
FINISHES		GIRTMAN AND ASSOCIATES	MIKE MOYNAHAN	615-350-6000 dgconstruction@bass-security.com	INTERIOR DOORS AND FRAMES AL, AR, AZ, CA, CO, FL, GA, IA, KS, LA, MS, MN, AND RESTROOM ACCESSORIES MO, NE, NM, NV, OK, OR, SC, SD, TN, TX, WI
		COOK & BOARDMAN GROUP	JOE HARRELL	336-837-0673 nationalsales@cookandboardman.com	INTERIOR DOORS AND FRAMES AND RESTROOM ACCESSORIES CT, DE, IL, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, VA, VT, WV
		SHERWIN WILLIAMS MC CUE CORPORATION	LOCAL SHERWIN WILLIAMS STORE KEVIN O'NEILL	678-492-4026 koneill@mccue.com	PAINT, PRIMER, CONCRETE SEALER AND BLOCK FILLER TRIM KIT INCLUDES BUMPER GUARDS AND CART STOP
HVAC	HVAC UNITS	YORK	NATIONAL ACCOUNTS	800-481-9738 york-dollargeneral-be@jci.com	HVAC UNITS AR, CO, IL, IN, KY, KS, MO, OH, OK, WV
		CARRIER	HASAN KHALIL	315-432-7655 Hasan.Khalil@carrier.utc.com	HVAC UNITS CT, IA, MA, ME, MI, MN, ND, NE, NH, NJ, NY, PA, RI, SD, VT, WI
		LENNOX	SCOTT MACDONALD	972-497-6781 dollargeneral@lennoxind.com	HVAC UNITS AL, AZ, CA, DE, FL, GA, LA, MD, MS, NC, NM, NV, OR, SC, TN, TX, VA
	RTU CURBS	ROOF CURB SYSTEMS	CLIFTON REASOR	800-683-5848 DollarGeneral@roofcurb.com	RTU CURB
		CURBS PLUS INC.	ALLAN THRAILKILL	888-639-2872 alan.thrailkill@curbs-plus.com	RTU CURB
ELECTRICAL	ELECTRICAL SWITCH GEAR	KCC INTERNATIONAL INC.	GREG CONRAD	800-382-2872 gconrad@kcccurbs.com	RTU CURB
		CED - CONSOLIDATED ELECTRICAL DISTRIBUTORS	ROBERT DECKER	270-781-2229 robertd@cedbgky.com	ELECTRICAL SWITCH GEAR AR, AZ, CA, CO, IA, IN, IL, LA, KS, KY, MI, MN, MO, MS, ND, NE, NM, NV, OK, OR, SD, TX, WI
	LIGHTING	NESCO	CHRIS TRACY	800-244-6980 dollargeneral@needhamelectric.com	ELECTRICAL SWITCH GEAR AL, CT, DE, FL, GA, MA, MD, ME, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, WV
		USLED	DANA PORTER PAUL JEZIOROWSKI	713-337-3836 DGUSLED@usled.com	ELECTRICAL LIGHTING SUPPLIES AR, CO, IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, OK, SD, WI, WV
	LOW VOLTAGE SYSTEM	LEDS	MICHAEL STRINGER KYLE KNAPP	920-915-4010 DGORDERS@leds-llc.com	ELECTRICAL LIGHTING SUPPLIES AL, AZ, CA, CT, DE, FL, GA, LA, MA, MD, ME, MS, NC, NH, NJ, NM, NV, NY, OR, PA, RI, SC, TN, TX, VA, VT
		D&P CUSTOM LIGHTING	NATIONAL ACCOUNT SALES	800-251-2200	CUSTOM POWER POLES
	ELECTRICAL	CROSSCOM NATIONAL	ANDREA LEMAY	847-850-6297 dollargeneral@crosscomnational.com	LOW VOLTAGE & VOICE/DATA CO, CT, DE, FL, IA, IL, IN, KS, MA, MD, ME, MI, MN, MO, ND, NE, NH, NJ, NY, OH, PA, RI, SD, VT, WI, WV
		ASD	CHRIS RUDNITSKI	828-624-1046 crudnitski@asd-usa.com	LOW VOLTAGE & VOICE/DATA AL, AR, AZ, CA, GA, KY, LA, MS, NC, NM, NV, OK, OR, SC, TN, TX, VA
		GRAYBAR	JEROME BANNISTER	615-743-3202 office, 615-924-2135 cell DollarGeneral@graybar.com	CABLE TRAY
	ELECTRICAL	EMERSON CLIMATE TECHNOLOGIES	WEBSITE: http://dollargeneralbid.ectsolutions.net	USER NAME: dollargeneralbid PASSWORD: dollargeneralbid	EMS SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL EMS PANEL REQUIRES STORE #, CITY, STATE, ZIP CODE & QTY. OF HVAC UNITS OF THE INSTALL SITE WHEN ORDERING.
STANLEY CONVERGENT SECURITY SOLUTIONS		DAN GOLDSMITH	740-215-8913	INTERIOR FIRE ALARM PANELS	

REQUIRED NATIONAL ACCOUNTS FOR ENGINEERING AND CONSTRUCTION MATERIAL TESTING

COMPANY	CONTACTS	PHONE #	
ATC ASSOCIATES, INC.	LESLIE GREENWOOD	205-733-8775 leslie.greenwood@atgc.com	www.atcassociates.com
BUILDING AND EARTH SCIENCES, INC.	MATT ADAMS	205-836-6300 dollargeneral@buildingandearth.com	www.buildingandearth.com
EAS PROFESSIONALS, INC.	JERRY MARRONE	864-234-7368 dollargeneral@eas-pro.com	www.eas-pro.com
PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)	TERESA HEBNER	770-424-6200 #3030 teresa.hebner@psiusa.com	www.psiusa.com
TERRACON	JOHN MEADOW	770-623-0755 #353 dollargeneral@terracon.com	www.terracon.com

NOTE: MATERIAL TESTING IS REQUIRED ON ALL TRIPLE NET LEASES.

PROTOTYPE MANAGEMENT TEAM

COMPANY	CONTACTS	PHONE #	
MJM ARCHITECTS	GARY CONWAY	615-244-8170 dg@mjmarch.com	www.mjmarch.com
ENTECH	MITCH SIMPSON	615-373-2640 email@entechtn.com	www.entechtn.com

NATIONAL ACCOUNT & CONTACT INFORMATION SUBJECT TO CHANGE

GENERAL NOTES

ALL DEVELOPERS MUST SUBMIT COMPLETE SIGNED-AND-SEALED ARCHITECTURAL PLANS PRIOR TO PERMITTING, AND AGAIN PRIOR TO CONSTRUCTION FOR DOLLAR GENERAL APPROVAL. SUBMIT PLANS TO BTSPANS@DOLLARGENERAL.COM AND IDENTIFY WHETHER THE PLANS ARE BEING SUBMITTED FOR PERMITTING RELEASE OR CONSTRUCTION RELEASE.

THIS PROTOTYPE PACKAGE INCLUDES BOTH LEFT-HAND DELIVERY (LD) AND RIGHT-HAND DELIVERY (RD) OPTIONS. OMIT ALL SHEETS THAT DO NOT APPLY TO SITE SPECIFIC PROJECT.

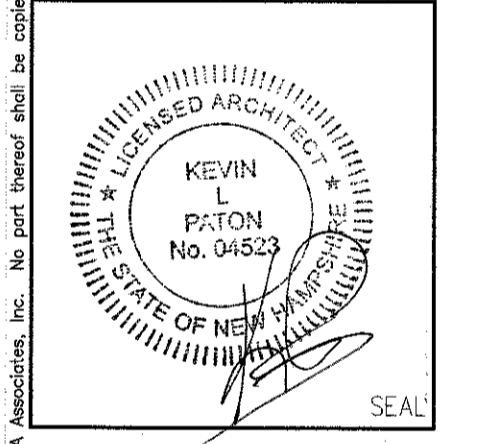
CIVIL DOCUMENTS WILL ALWAYS BE REQUIRED FOR APPROVAL.

ALL PROTOTYPICAL PLAN INQUIRIES TO BE DIRECTED TO THE DOLLAR GENERAL ARCHITECTURAL AND ENGINEERING DEPARTMENT
EMAIL TO BTSPANS@DOLLARGENERAL.COM

ALL SUBMITTALS MUST INCLUDE THE ARCHITECT'S CERTIFICATION LETTER ITEMIZING ALL DEVIATIONS FROM THIS SET AND EXPLANATIONS.

DATE	DESCRIPTION
04/25/17	ISSUED FOR REVIEW/PRICING
02/27/19	UPDATED PROTOTYPE
03/04/19	ISSUED FOR BUILDING PERMIT

CONSULTANT



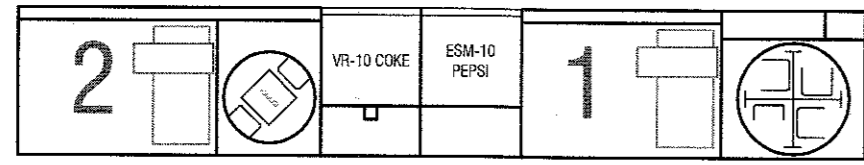
LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCAWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: DSG
Checked By:
Job Number: 216111

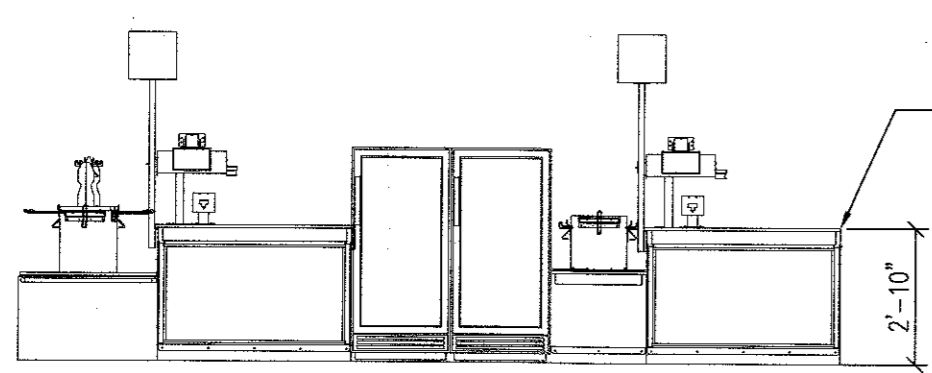
T0.1

ISSUED FOR BUILDING PERMIT
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B
F1.0



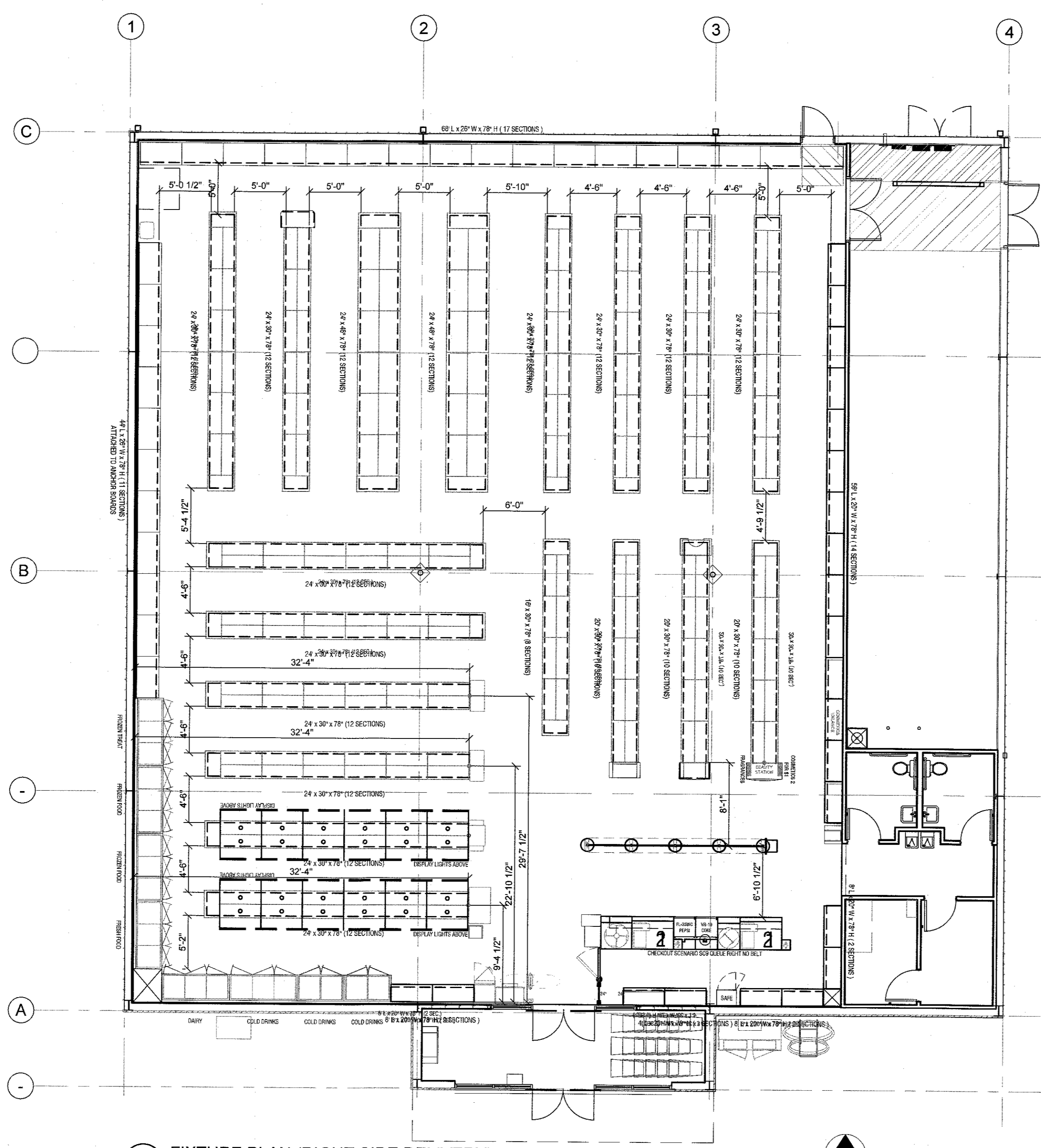
A - SERVICE COUNTER PLAN



B - ELEVATION

2 SERVICE COUNTER DETAILS
F0.1 SCALE: 1/4"=1'-0"

NOTE: FRONT CHECKOUT COUNTER TO BE PROVIDED BY DOLLAR GENERAL AND INSTALLED AT DOLLAR GENERAL'S DIRECTION. COUNTERS SHALL INCLUDE A PORTION OF AT LEAST 36" IN LENGTH WHICH IS NO MORE THEN 34" ABOVE THE FINISH FLOOR. COUNTERS SHALL BE ON AN ACCESSIBLE ROUTE.



1 FIXTURE PLAN (RIGHT SIDE DELIVERY)
F0.1 SCALE: 1/8"=1'-0"

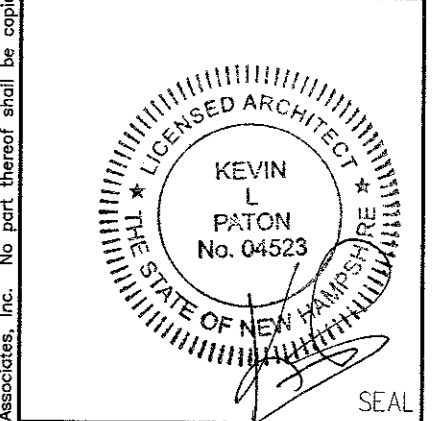


BKA ARCHITECTS

Boston + Brockton
142 Crescent Street
Brockton, MA 02302
508.583.5603
bkaarchitects.com

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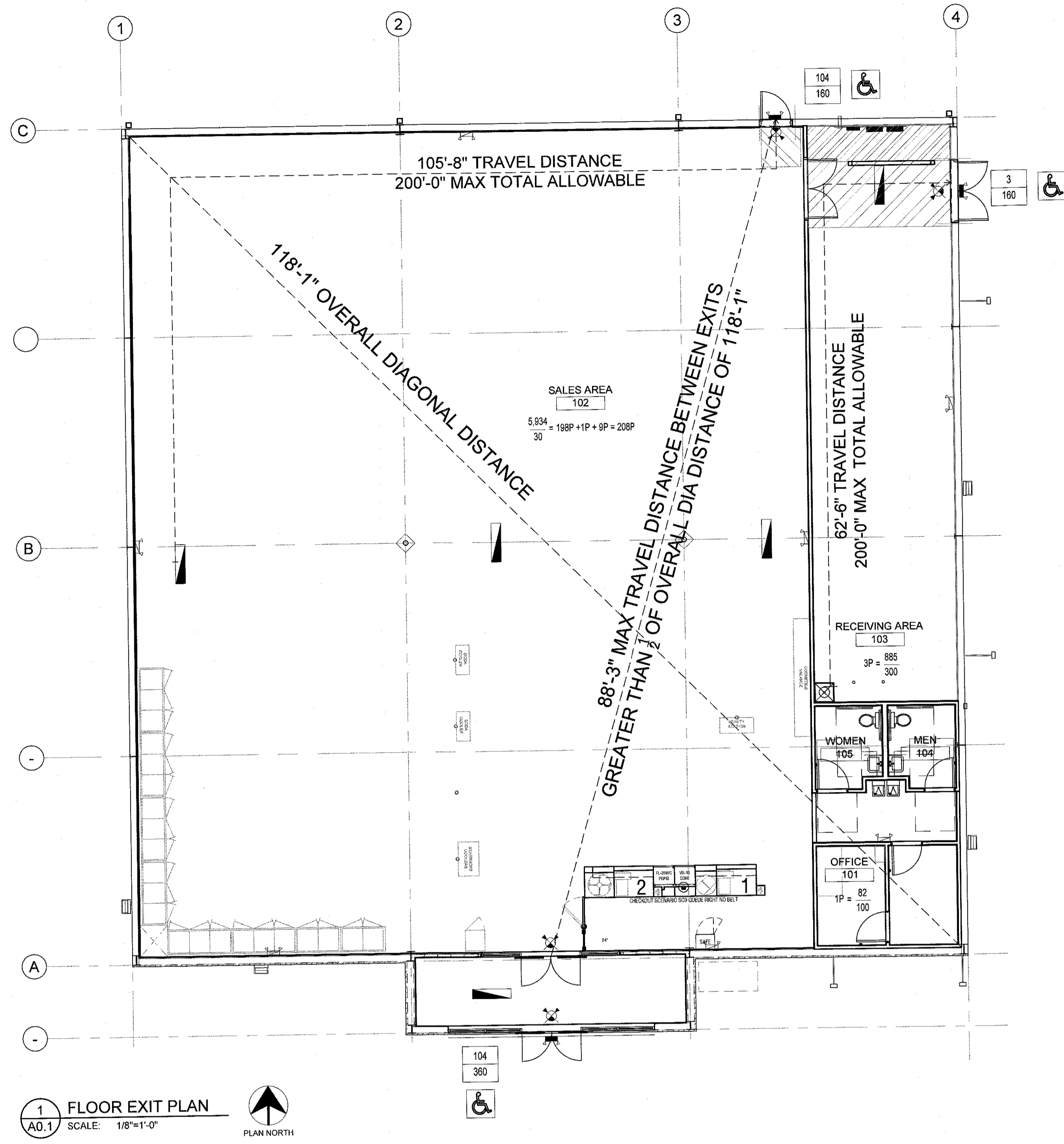
FIXTURE PLAN
LISCOTT DEVELOPMENT

DOLLAR GENERAL

169 KING ST (NH RT 3)
BOSCOWEN, NH

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Drawing:
F0.1
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1 FLOOR EXIT PLAN
A0.1 SCALE: 1/8"=1'-0" PLAN NORTH

GENERAL NOTES:

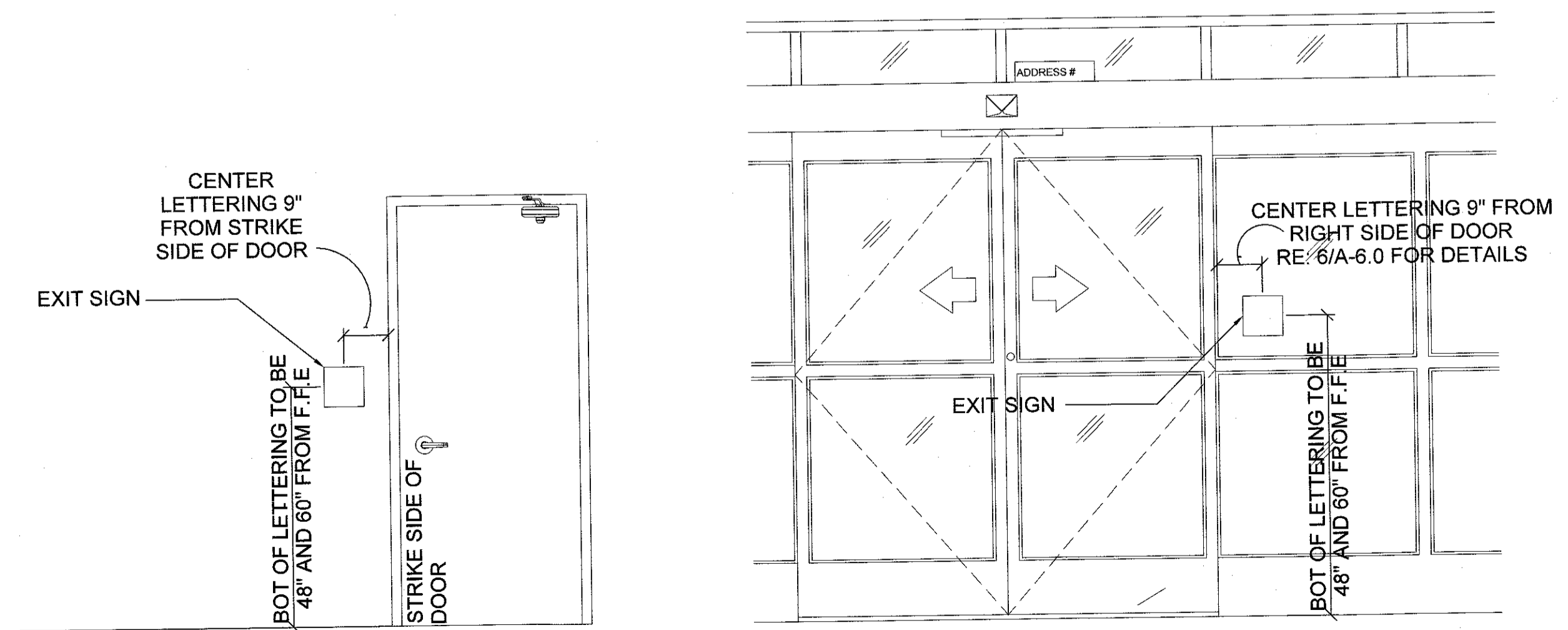
- CONTRACTOR SHALL PROVIDE AND INSTALL "OCCUPANCY MAXIMUM" SIGNAGE NEAR THE STROEFRONT ENTRANCE
- FIRE EXTINGUISHERS SHALL BE INSTALLED AT LOCATIONS PER THE FIRE MARSHAL A MIN OF 1 PER 1500 SF SHALL BE PROVIDED
- CONTRACTOR TO COORDINATE FINAL WALK THROUGH w/FIRE MARSHAL & BUILDING OFFICIAL AFTER FIXTURING & MERCHANDISING TO VERIFY VISIBILITY TO EXIT SIGNS WITHIN 100' OF TRAVEL DISTANCE. CONTRACTOR TO INSTALL ADDITIONAL EQUIPMENT AS REQUIRED.
- G.C. TO VERIFY AND ENSURE EMERGENCY LIGHTING LEVELS PROVIDE CODE MIN LEVELS VERIFY WITH LOCAL, STATE AND FEDERAL CODES TO DETERMINE LIGHTING LEVELS. ALONG ALL PATHS OF EGRESS.
- ALL SIGNAGE SHALL BE SUBMITTED FOR PERMIT UNDER SEPERATE COVER. G.C. SHALL VERIFY SIGNAGE ELECTRICAL REQUIREMENTS & PROVIDE FINAL ELECTRICAL CONNECTIONS.
- SIGN WHICH READS "THIS DOOR SHALL REMAIN UNLOCKED DURING BUSINESS HOURS" SHALL BE PROVIDED AND INSTALLED ADJACENT TO THE FRONT DOOR.

SYMBOL LEGEND:

	EMERGENCY LIGHTS	$\frac{875}{20} = 43P$	AREA S.F. / OCC.	ROOM OCC. LOAD
	NIGHT LIGHTS	43	ACTUAL ALLOWABLE	EXIT CAPACITY
	EXIT SIGNS WITH EMERGENCY LIGHTS			
	ACCESSIBLE AREA OR EXIT			

CODE REVIEW:

1. APPLICABLE CODES	
A. 2009 INTERNATIONAL BUILDING CODE WITH STATE OF NEW HAMPSHIRE AMENDMENTS	
B. NEW HAMPSHIRE STATE FIRE CODE SAF-C 6000	
C. 2009 INTERNATIONAL MECHANICAL CODE WITH STATE OF NEW HAMPSHIRE AMENDMENTS	
D. 2009 INTERNATIONAL PLUMBING CODE WITH STATE OF NEW HAMPSHIRE AMENDMENTS	
E. 2009 IECC WITH STATE OF NEW HAMPSHIRE AMENDMENTS	
F. 2014 NATIONAL ELECTRIC CODE WITH STATE OF NEW HAMPSHIRE AMENDMENTS	
G. 2003 ICC / ANSI 117.1 ACCESSIBILITY CODE OR 2010 ADAGG MOST RESTRICTIVE APPLES	
2. USE AND OCCUPANCY CLASSIFICATION (302.0)	
MERCHANTILE GROUP - M (309)	
BUSINESS GROUP - B (311)	
STORAGE GROUP - S1 (304)	
3. CONSTRUCTION TYPE:	
TYPE VB (5B)	
CONSTRUCTION NON SPRINKLERED	
4. BUILDING HEIGHT (503.0)	
ALLOWABLE HEIGHT (story/feet)	1 STORIES / 40'-0"
ACTUAL HEIGHT (story/feet)	1 STORIES / 26'-4 1/2"
5. BUILDING AREA:	
ALLOWABLE BUILDING AREA PER FLOOR	9,000
ACTUAL BUILDING AREA FLOOR	7,509
TOTAL BUILDING FLOOR	7,509
6. DESIGN OCCUPANT LOAD (1004.1)	
RETAIL/SALES (30 sf / occ.):	5,934 sf / 30 = 198 OCC.
RECEIVING (300 sf / occ.):	885 sf / 300 = 3 OCC.
MANAGER (100 sf / occ.):	82 sq / 100 = 1 OCC.
RESTROOMS/ EMPLOYEE (30 sf / occ.):	270 sq / 30 = 9 OCC.
TOTAL OCCUPANT LOAD	211 OCC.
7. FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601):	
A. STRUCTURAL FRAME (INCLUDING COLUMNS GIRDERS OR TRUSSES)	0 HR(s)
B. BEARING WALLS (INTERIOR & EXTERIOR)	0 HR(s)
C. NONBEARING WALLS & PARTITIONS (INTERIOR & EXTERIOR)	0 HR(s)
D. FLOOR CONSTRUCTION (INTERIOR & EXTERIOR)	0 HR(s)
E. ROOF CONSTRUCTION (INTERIOR & EXTERIOR)	0 HR(s)
8. EXITS	
A. DOORS (1005)	
REQUIRED	211 X 0.20 = 42.20"
PROVIDED	100"
B. MIN DOOR WIDTH (1008.1)	32" CLEAR
C. NUMBER OF EXITS (1015.1)	
GROUND FLOOR	NO. REQUIRED: 2 NO. PROVIDED: 3
D. TRAVEL DISTANCE (1016.1)	
ALLOWABLE	200'-0"
PROVIDED	104'-2"
E. MIN CORRIDOR WIDTH (1017.2)	44"
G. MAX DEAD END CORRIDOR DISTANCE (1018.4)	20"
9. MINIMUM NUMBER OF PLUMBING FACILITIES IPC (TABLE 2902.1)	
TOTAL OCCUPANCY LOAD	211 (105 MEN / 106 WOMEN)
REQUIRED	PROVIDED
WATER CLOSETS (1 PER 500):	1 MEN'S / 1 WOMEN'S
LAVATORIES (1 PER 750)	1 MEN'S / 1 WOMEN'S
DRINKING FOUNTAINS (1 PER 1,000):	2 DRINKING FOUNTAINS
SERVICE SINK (1 REQUIRED)	1 SERVICE SINK



1 EXIT SIGNAGE DETAILS
A0.1 SCALE: 1/2"=1'-0"

BJA ARCHITECTS
Boston • Brockton
142 Crescent Street
Brockton, MA 02302
508.883.5403
bjarchitects.com

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03/04/19	ISSUED FOR BUILDING PERMIT

CONSULTANT

REGISTERED ARCHITECT
KEVIN L PATON
No. 04523
STATE OF NEW HAMPSHIRE

DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCOWEN, NH

Scale:	NOTED
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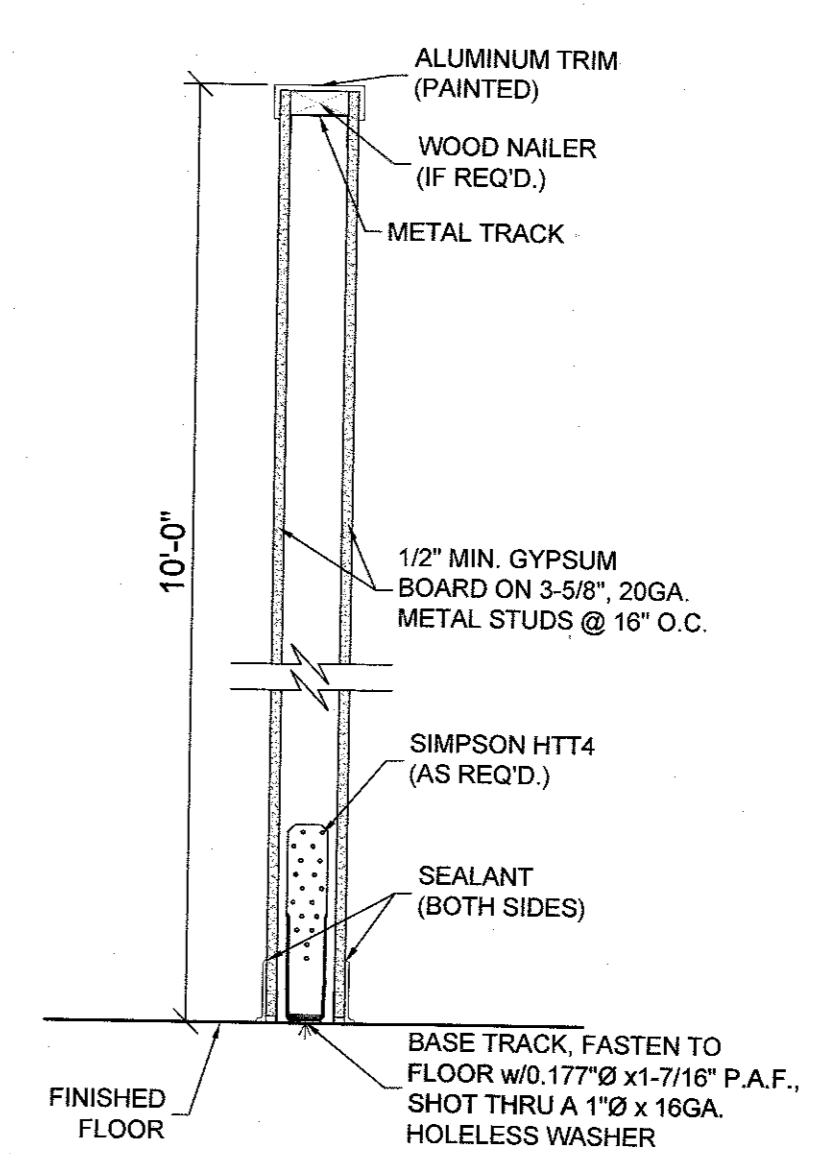
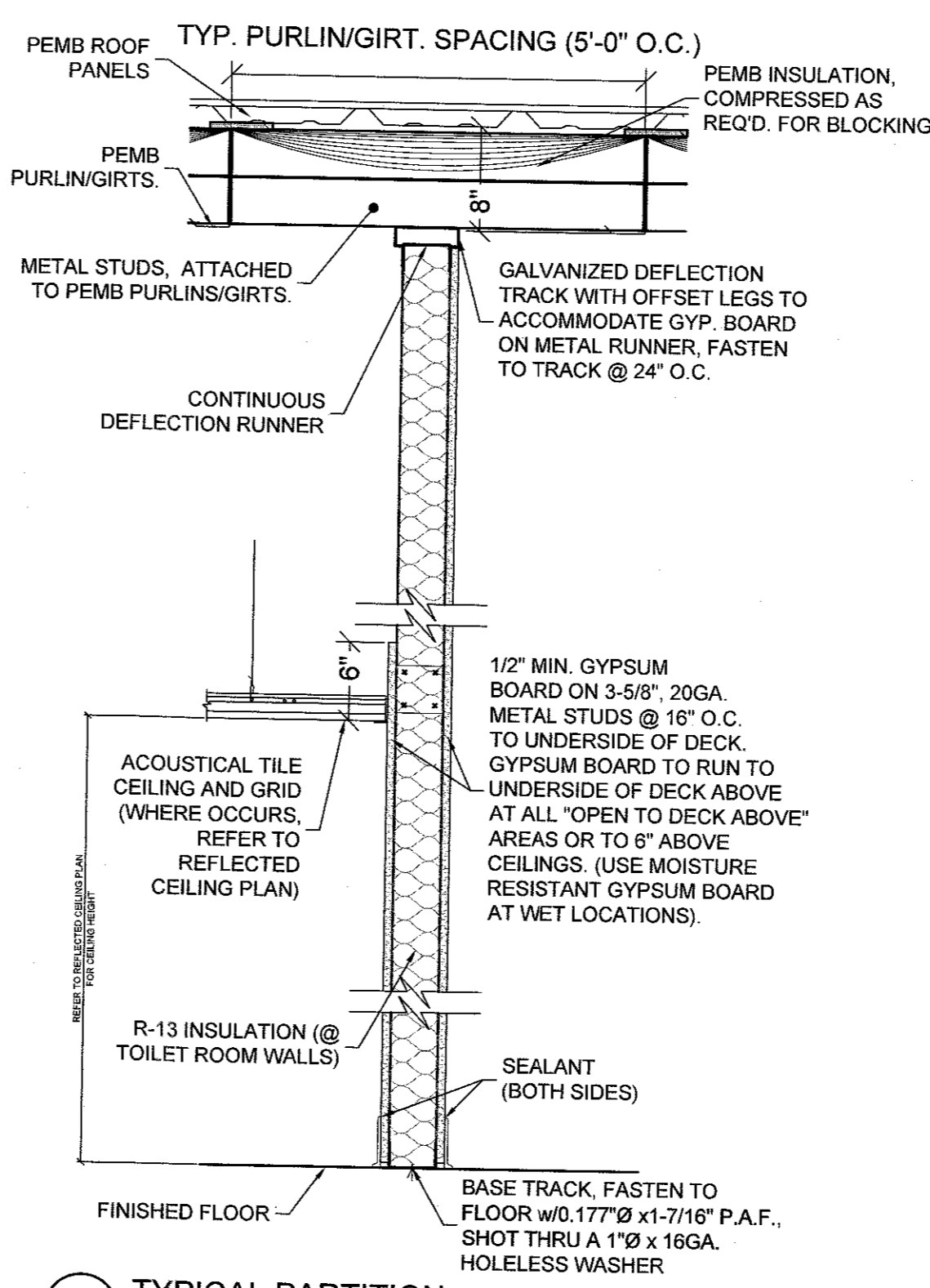
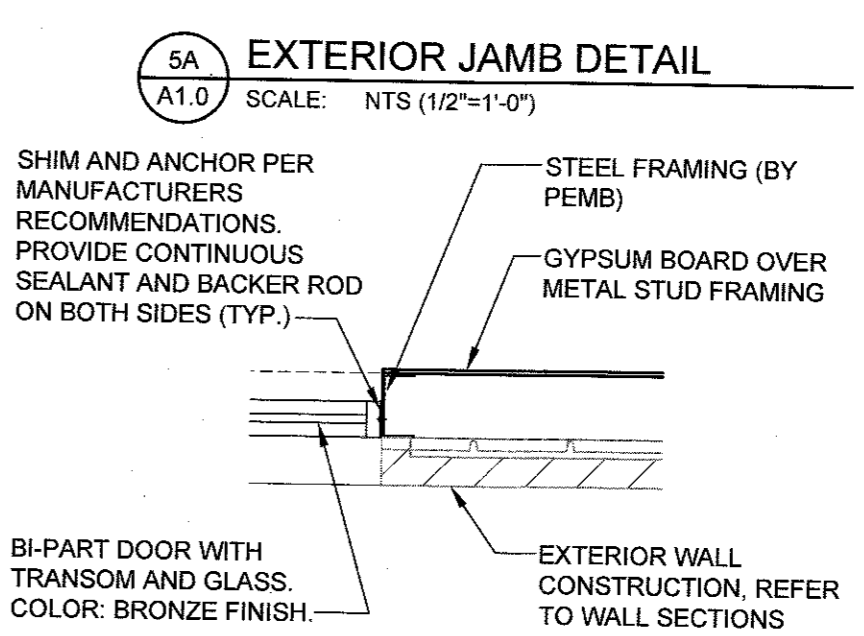
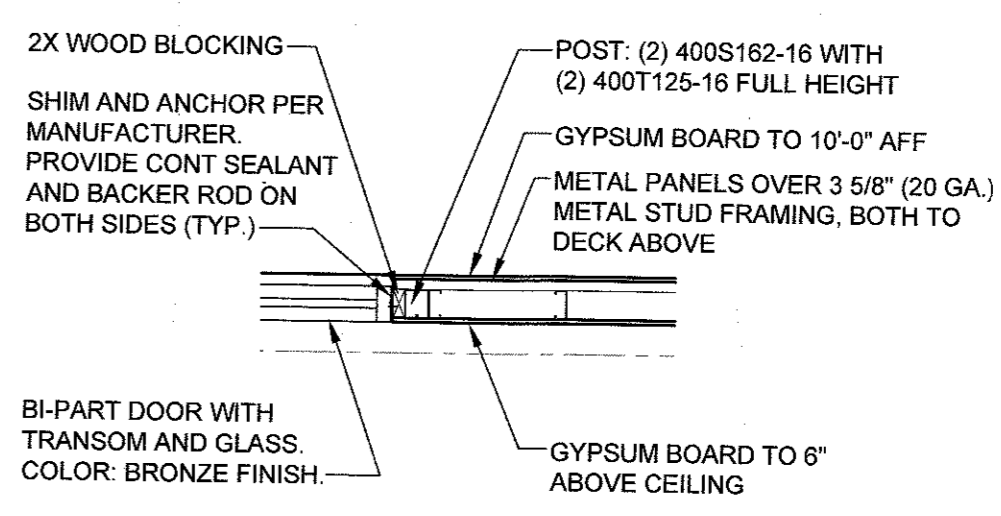
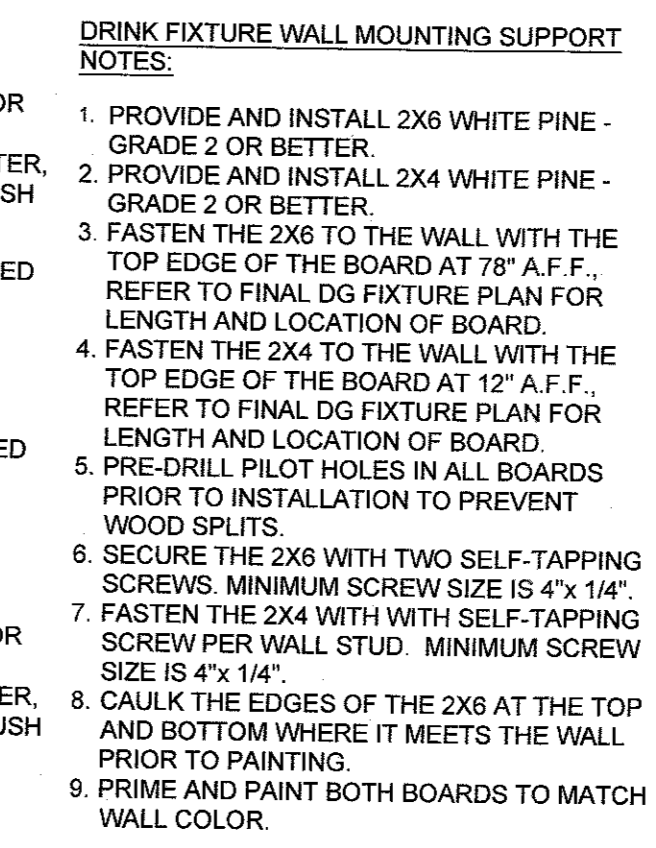
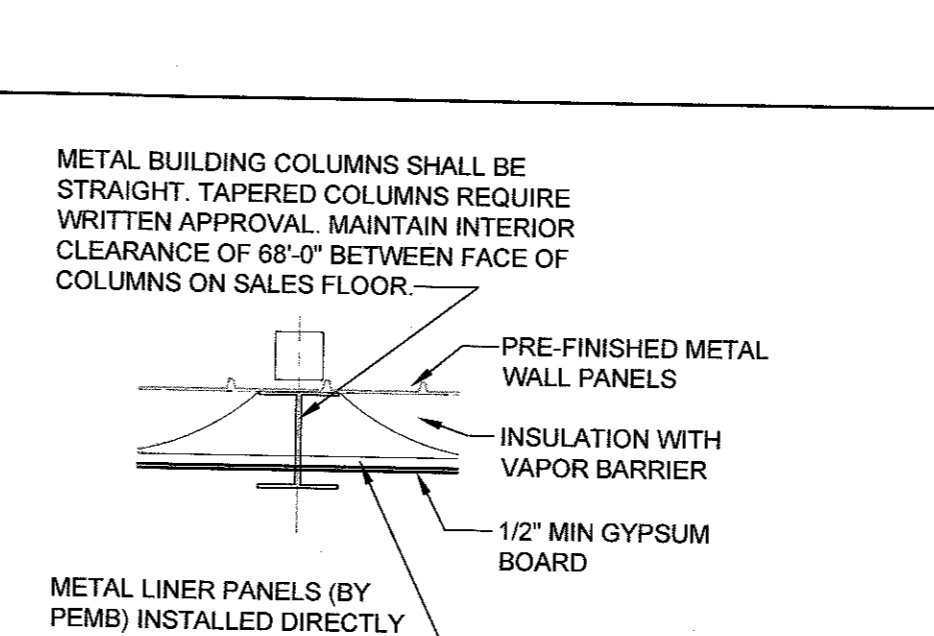
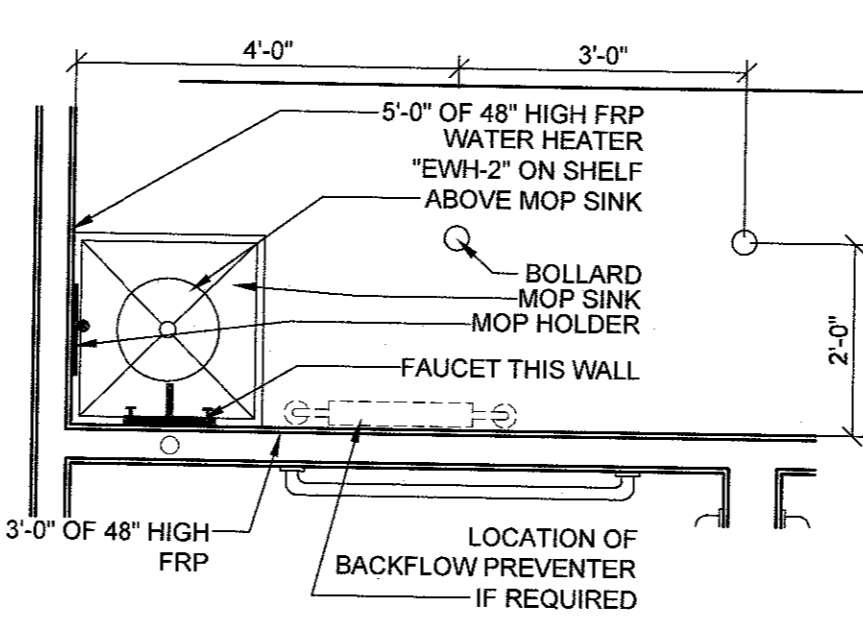
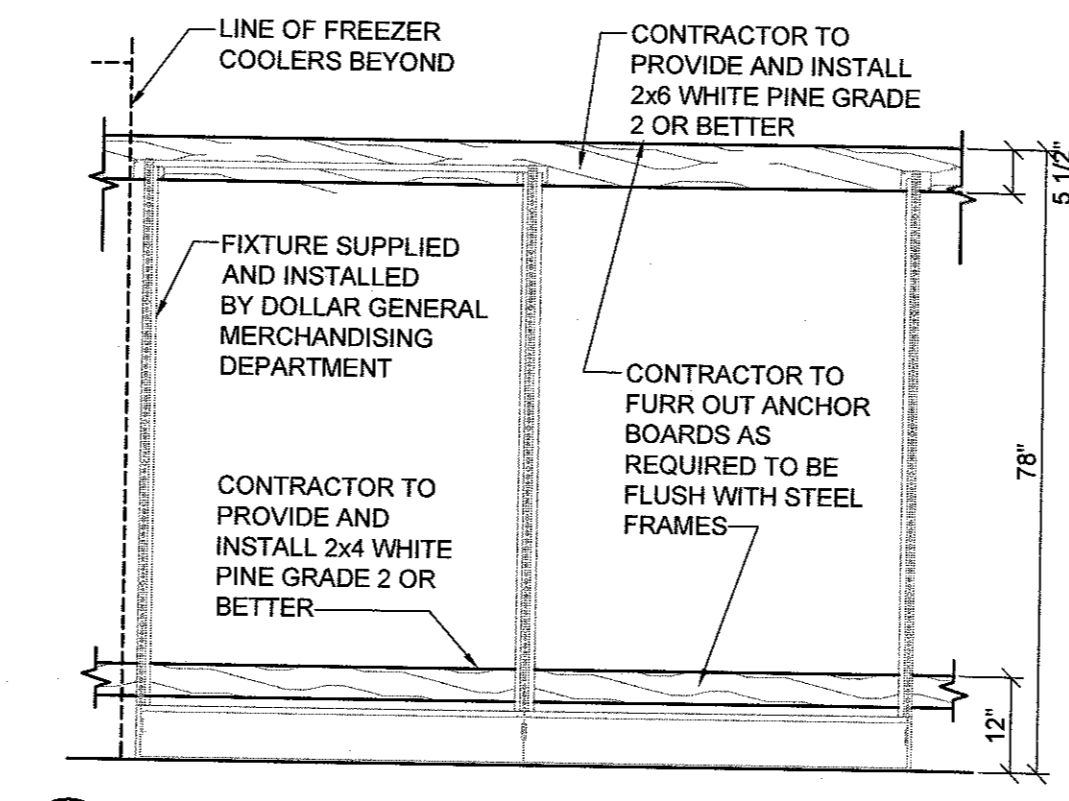
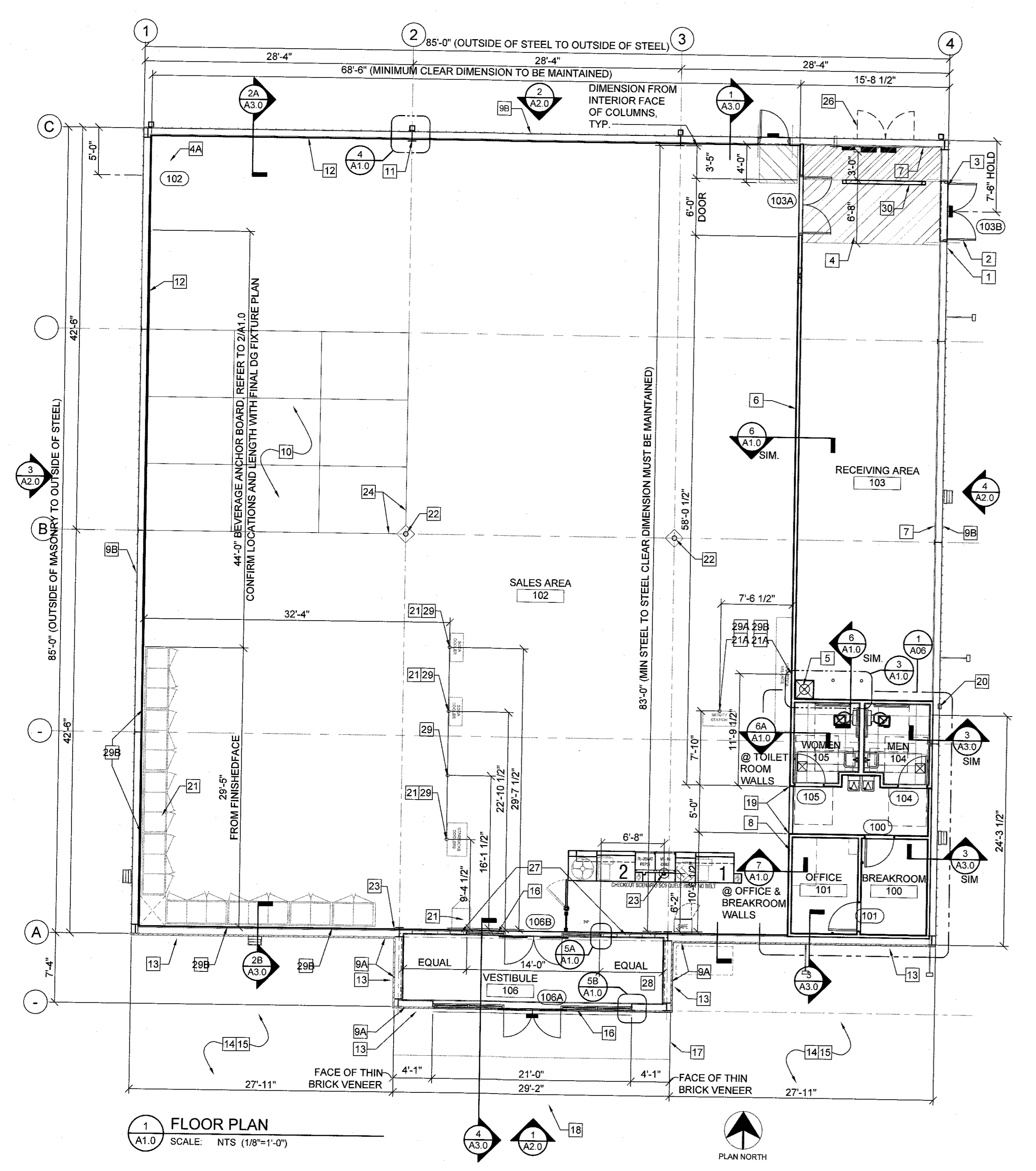
A0.1
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Last edit: Mar 01, 2019 - 10:23am

FLOOR PLAN KEYED NOTES

- 1 RECEIVING DOOR BUZZER - TORK MDL.#TA725 OR EQUAL
- 2 DOOR SCOPE, PROVIDED BY BASS SECURITY. REFER TO T01 AND DOOR SCHEDULE.
- 3 WEATHER STRIP & LOW PROFILE THRESHOLD PROVIDED BY BASS SECURITY. SEE TO T01 AND DOOR SCHEDULE.
- 4 STRIPE FLOOR FOR DESIGNATED EGRESS PATH (PAINT YELLOW) AND DESIGNATED EMS PANEL CLEARANCE (PAINT RED).
- 5 STRIPE FLOOR FOR DESIGNATED ADA EGRESS PATH (PAINT YELLOW).
- 6 PROVIDE AND INSTALL A TEN GALLON WATER HEATER (OR LARGER IF REQUIRED BY CODE) ABOVE THE MOP SINK.
- 7 3/8" METAL STUD WITH 1/2" MINIMUM GYPSUM BOARD (BOTH SIDES). REFER TO NOTED WALL SECTION. REFER TO ROOM FINISH SCHEDULE FOR GYPSUM BOARD HEIGHT AT ANY PARTICULAR WALL.
- 8 METAL LINER PANELS TO 8'-0" A.F.F. AT RECEIVING AREA. (BY PRE-ENGINEERED BUILDING MANUFACTURER).
- 9 DIMENSIONS ARE TO COLUMN LINE UNLESS OTHERWISE NOTED.
- 10 CLADDING AS SCHEDULED.
- 11 METAL BUILDING PANELS (BY PEMB). REFER TO ELEVATIONS FOR COLOR.
- 12 CONC. SLAB WITH MIN. 6x6xW1.4 WELDED WIRE MESH OVER POLYETHYLENE VAPOR BARRIER (MIN. 10 MM THICK) OVER CRUSHED STONE BASE, TYPICAL, OR EQUIVALENT. SEE STRUCTURAL DWGS. PROVIDE CONTROL JOINTS AS SHOWN ON S03.
- 13 METAL BUILDING FRAME. REFER TO NOTED WALL SECTION FOR ADDITIONAL INFORMATION.
- 14 1/2" MIN GYPSUM BOARD (TO 10'-0" A.F.F.) OVER METAL LINER PANELS AND INSULATION WITH VAPOR BARRIER. REFER TO INTERIOR SALES AREA ELEVATIONS.
- 15 CLADDING AS SCHEDULED RE: A-2.0 FINISH SCHEDULE.
- 16 SLOPE CONCRETE 1/8" PER FOOT AWAY FROM BUILDING.
- 17 COORDINATE CONCRETE SIDEWALK WITH CIVIL AND PROVIDE BROOM FINISH, TYPICAL.
- 18 STOREFRONT/ ENTRY DOOR SYSTEM. REFER TO NOTED WALL SECTION & EXTERIOR FINISH SCHEDULE FOR ADTTL INFO.
- 19 LINE OF METAL AWNING ABOVE (BY PEMB). REFER TO REFLECTED CEILING PLAN AND NOTED SECTION.
- 20 A.D.A. COMPLIANT ACCESSIBLE RAMP WITH YELLOW PAINTED SIDES TO ACCESSIBLE PARKING STALLS.
- 21 MC CUE CART AND BUMPER GUARDS. TOP INSTALLED @ 3'-5" A.F.F. ORDER TRIM KIT FOR THIS PROTOTYPE.
- 22 WALL HYDRANT. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 23 REFRIGERATION BY DOLLAR GENERAL.
- 24 BEAUTY AND COSMETICS SHELVING AND EQUIPMENT BY DOLLAR GENERAL.
- 25 STEEL COLUMN, ROUND (BY PEMB) WITH RECESSED BASE-PLATE PAINT SW7005 PURE WHITE. WRAP STEEL COLUMN WITH TIGHT LOOP CARPET (BLACK) FROM BASE TO 48" A.F.F.
- 26 POWER POLE. COORDINATE FINAL LOCATION WITH FINAL DOLLAR GENERAL FIXTURE PLAN (FO 1).
- 27 CONTROL JOINTS ARE TO BE PLACED ALONG COLUMN LINES AND DIVIDING COLUMN BAYS AS INDICATED. COORDINATE WITH STRUCTURAL DRAWINGS.
- 28 FLOOR AREA AT BASE OF COLUMNS, WITHIN THE CONSTRUCTION JOINTS, TO BE PAINTED BLACK MAGIC TINT.
- 29 ALTERNATE LOCATION FOR DELIVERY DOORS. MOVE ELECTRICAL EQUIPMENT TO OTHER WALL.
- 30 20 GA. METAL STUD FRAMING TO DECK ABOVE BETWEEN COLUMNS AT INTERIOR ENTRY DOORS. STUDS TO BE INSTALLED FLUSH WITH THE INTERIOR FACE OF THE ADJACENT GIRTS. FINISH AS NOTED.
- 31 CART AREA. REFER TO 5 & 6/A06 FOR ADDITIONAL DETAILS.
- 32 ENDCAP COOLER/FREEZER AND DISPLAY LIGHTING AS NEEDED TO BE HARDWIRED THROUGH SO CORD. GC TO LEAVE BOTTOM OF CORD HANGING AT 80" A.F.F. (SEE ELECTRICAL). SO CORD TO BE ANCHORED TO PURLINS ABOVE. COORDINATE LOCATION WITH FINAL DOLLAR GENERAL FIXTURE PLAN.
- 33 BEAUTY STATION TO BE HARDWIRED THROUGH SO CORD. GC TO LEAVE BOTTOM OF CORD HANGING AT 80" A.F.F. (SEE ELECTRICAL). SO CORD TO BE ANCHORED TO PURLINS ABOVE. COORDINATE LOCATION WITH FINAL DOLLAR GENERAL FIXTURE PLAN.
- 34 WALL OUTLETS FOR BANKS OF COOLERS AND FREEZERS AND COSMETICS VALANCE. SEE ELECTRICAL FOR DETAILS.
- 35 MC CUE RAILING IN FRONT OF ELECTRICAL PANELS. 8'-0" LONG WITH TWO TOP RAILS WITH NO MIDDLE POST.



SALES AREA MINIMUM DIMENSIONS TO BE MAINTAINED

METAL BUILDING COLUMNS SHALL BE STRAIGHT. MAINTAIN INTERIOR CLEARANCE OF 83'-0" BETWEEN FACE OF COLUMNS ON SALES FLOOR.

INTERIOR COLUMNS TO BE ROUND PIPE COLUMNS, SQUARE COLUMNS NOT ALLOWED.

IF A UNIQUE WALL ASSEMBLY IS UTILIZED PER LOCAL GOVERNMENT REQUIREMENTS THE BUILDING FOOTPRINT SHALL GROW OUTWARD TO MAINTAIN THE MINIMUM SALES AREA DIMENSIONS.

SEE DESIGN CRITERIA ON SHEET M1 INDICATING MINIMUM BUILDING ENVELOPE U-FACTORS

DKA ARCHITECTS
Boston + Brockton
142 Crescent Street
Brockton, MA 01902
508.583.5603
dkaarchitects.com

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CONSULTANT

KEVIN L. PATON
No. 04523
REGISTERED ARCHITECT
STATE OF NEW HAMPSHIRE

FLOOR PLAN & DETAILS
LISCOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCOWEN, NH

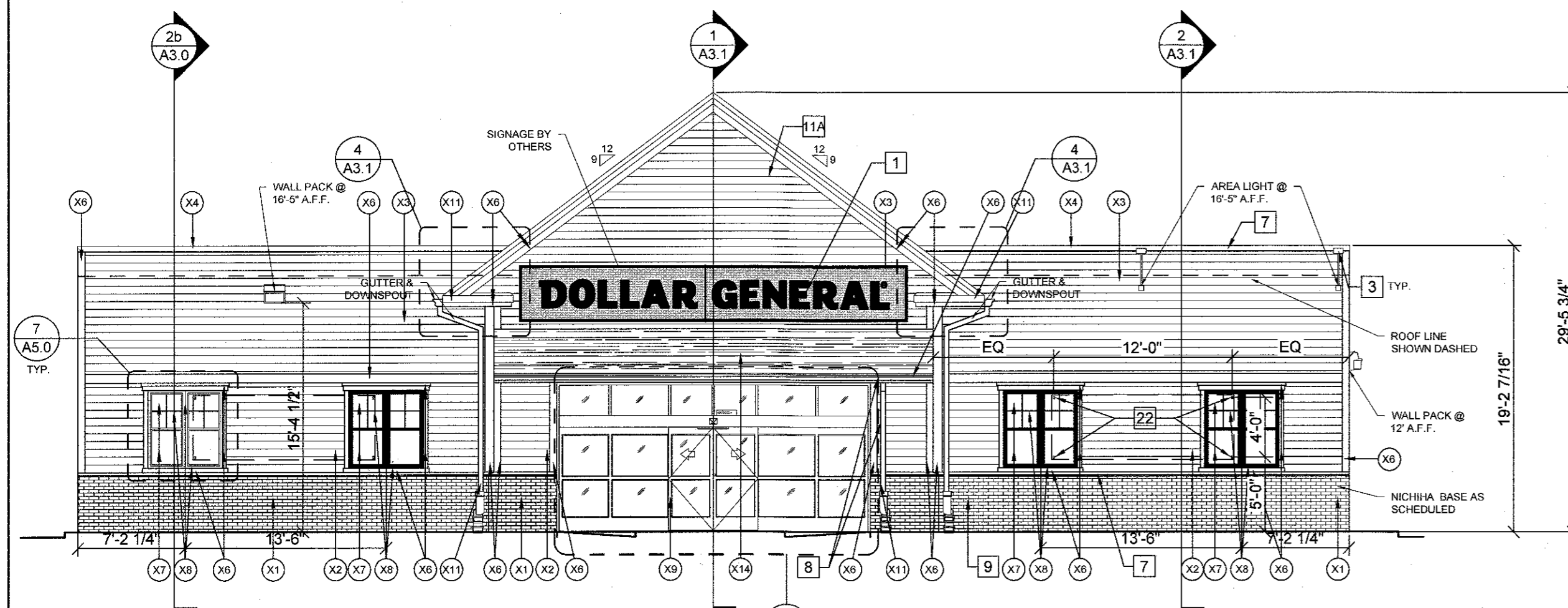
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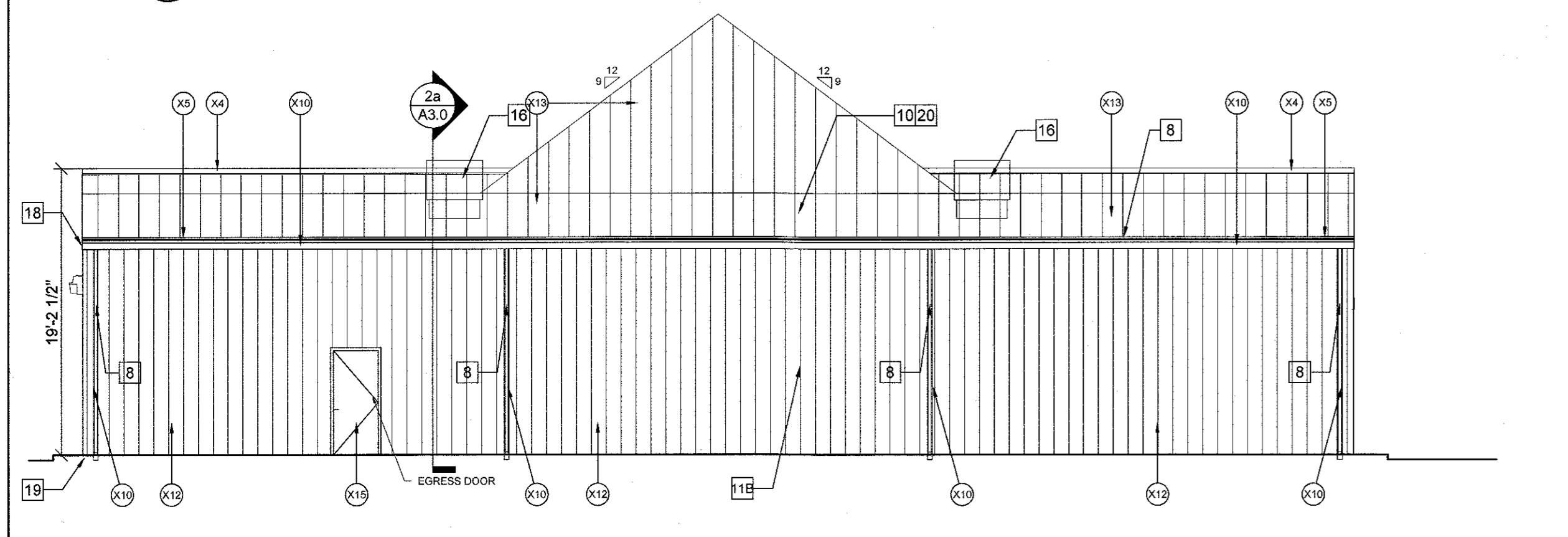
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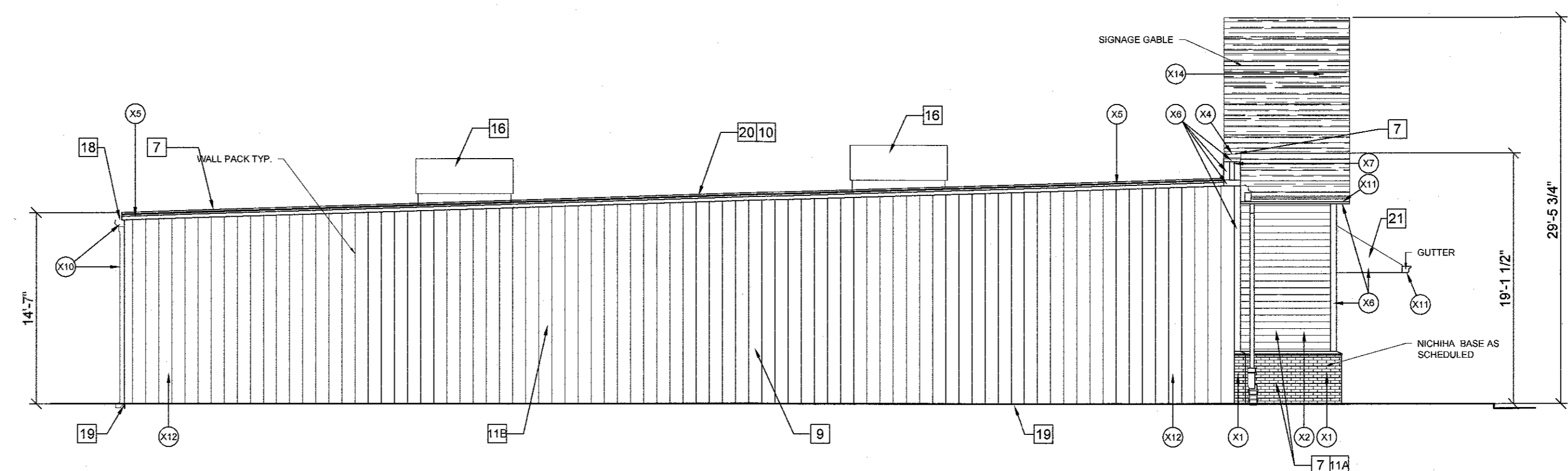
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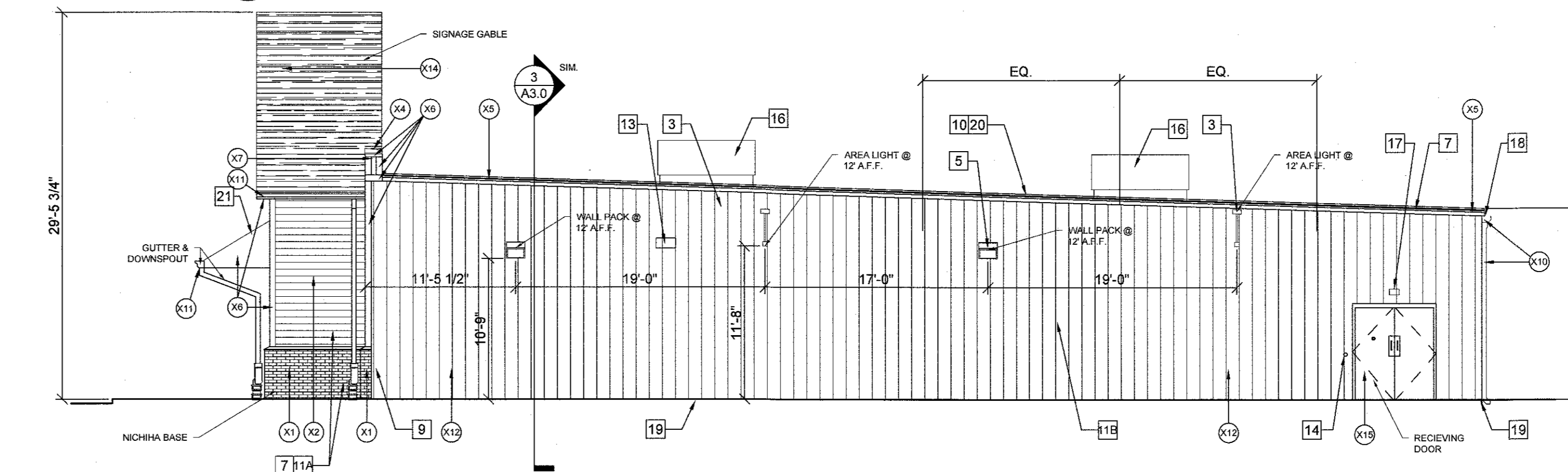
1 FRONT ELEVATION - (KING STREET)
SCALE: 1/8"=1'-0"



2 REAR ELEVATION
SCALE: 1/8"=1'-0"



3 LEFT SIDE ELEVATION - (QUEEN STREET)
SCALE: 1/8"=1'-0"



4 RIGHT SIDE ELEVATION
SCALE: 1/8"=1'-0"

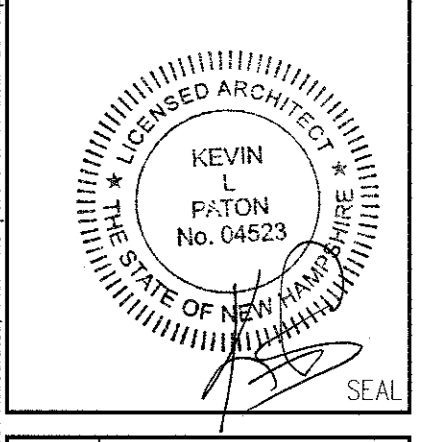
EXTERIOR FINISH SCHEDULE			
TAG	MATERIAL/ MFG.	COLOR/ NO.	NOTES
X1	NICHHA CANYONBRICK PANEL	COLOR: SHALE BROWN	PRE-FINISHED
X2	HARDIEE-PLANK LAP SIDING	COLOR: SAIL CLOTH	PRE-FINISHED
X3	HARDIEE-PLANK LAP SIDING	COLOR: NAVAJO BEIGE	PRE-FINISHED
X4	MTL COPING	COLOR: POLAR WHITE OR SIM	FINISH BY PEMB
X5	MTL COPING	COLOR: PARCHMENT OR SIM	FINISH BY PEMB
X6	HARDIE-BOARD TRIM	COLOR: WHITE TO MATCH (X4)	PRE-FINISHED
X7	HARDIE-BOARD TRIM	COLOR: SAIL CLOTH	PRE-FINISHED
X8	HARDIE-BOARD TRIM	COLOR: TO MATCH (X9)	PRE-FINISHED
X9	STANDARD ENTRY DOORS	COLOR: DARK BRONZE	PRE-FINISHED
X10	MTL GUTTERS, DOWNSPOUTS	COLOR: PARCHMENT	FINISH BY PEMB
X11	MTL GUTTERS, DOWNSPOUTS	COLOR: POLAR WHITE OR SIM	FINISH BY PEMB
X12	METAL PANEL	COLOR: PARCHMENT	PEMB
X13	STANDARD METAL ROOF PANEL	COLOR: GALVALUME	FINISH BY PEMB
X14	ROOFING	COLOR: WEATHERED WOOD	ARCH ASPHALT SHINGLES
X15	METAL DOOR & FRAME	COLOR: TO MATCH (X12)	PAINTED

- ELEVATION KEYED NOTES**
- SIGN FURNISHED AND INSTALLED BY DOLLAR GENERAL CORP. WITH CIRCUIT AS NOTED ON ELECTRICAL PLAN. SIGN TO BE CENTERED ON FRONT OF BUILDING. CONTRACTOR IS TO PROVIDE ADEQUATE BLOCKING AS REQUIRED BY SIGN MANUFACTURER TO SUPPORT SIGN WEIGHT OF UP TO 1,400 LBS. EXTERIOR CANOPY SIGN SHALL BE SUPPORTED BY THE FACE OF THE CANOPY. COORDINATE THE PROPER SIGNAGE TO BE USED WITH DOLLAR GENERAL.
 - NOT USED.
 - FLOOD LIGHT. REFER TO ELEC. DRAWINGS FOR ADDITIONAL INFO.
 - NOT USED.
 - WALL PACK. REFER TO ELEC. DRAWINGS FOR ADDITIONAL INFO.
 - NOT USED.
 - TRIM/COPING/FLASHING - MATCH COLOR OF ADJACENT METAL PANELS PER EXTERIOR FINISH SCHEDULE.
 - GUTTER AND DOWNSPOUT - SEE EXTERIOR FINISH SCHEDULE FOR COLOR.
 - CLADDING AS SCHEDULED SEE A-2.0 EXTERIOR FINISH SCHEDULE
 - STANDING SEAM METAL ROOF.
 - CLADDING AS SCHEDULED SEE A-2.0 EXTERIOR FINISH SCHEDULE
 - CLADDING AS SCHEDULED SEE A-2.0 EXTERIOR FINISH SCHEDULE
 - NOT USED.
 - VENT FOR BATHROOM EXHAUST. REFER TO M01 FOR ADDITIONAL INFORMATION.
 - DOOR BUZZER. REFER TO E01 FOR ADDITIONAL INFORMATION.
 - WALL HYDRANT. REFER TO P01 FOR ADDITIONAL INFORMATION.
 - HVAC UNITS MOUNTED ON ROOF. REFER TO MECHANICAL SHEET M1 FOR MORE INFORMATION.
 - OUTSIDE AIR TEMP. SENSOR MOUNTED OVER RECEIVING DOORS @ 8'-0" A.F.F.
 - MINIMUM EAVE HEIGHT IS 14'-0" A.F.F.
 - FINISHED GRADE AT EXTERIOR WALLS SHALL BE A MINIMUM OF 6" BELOW FINISHED FLOOR AT ALL NON PAVED AREAS.
 - IN NORTHERN CLIMATES, PROVIDE SNOW GUARDS ON ROOF PER LOCAL CODE.
 - METAL AWNING BY PEMB MANUFACTURER. REFER TO FINISH SCHEDULE FOR COLOR.
 - 1/2" DIAMETER x 6" LONG STAINLESS STEEL EYE BOLTS (CLOSED) WITH 1" DIAMETER OPENINGS. DRILL AND EPOXY INTO BLOCK WALL. 4 BOLTS TO BE LOCATED AS SHOWN EACH SIDE OF ENTRY, TOTAL OF 8 BOLTS.

BKA ARCHITECTS
Boston + Brockton
143 Crescent Street
Brockton, MA 02302
808.883.5603
bkaarchitects.com

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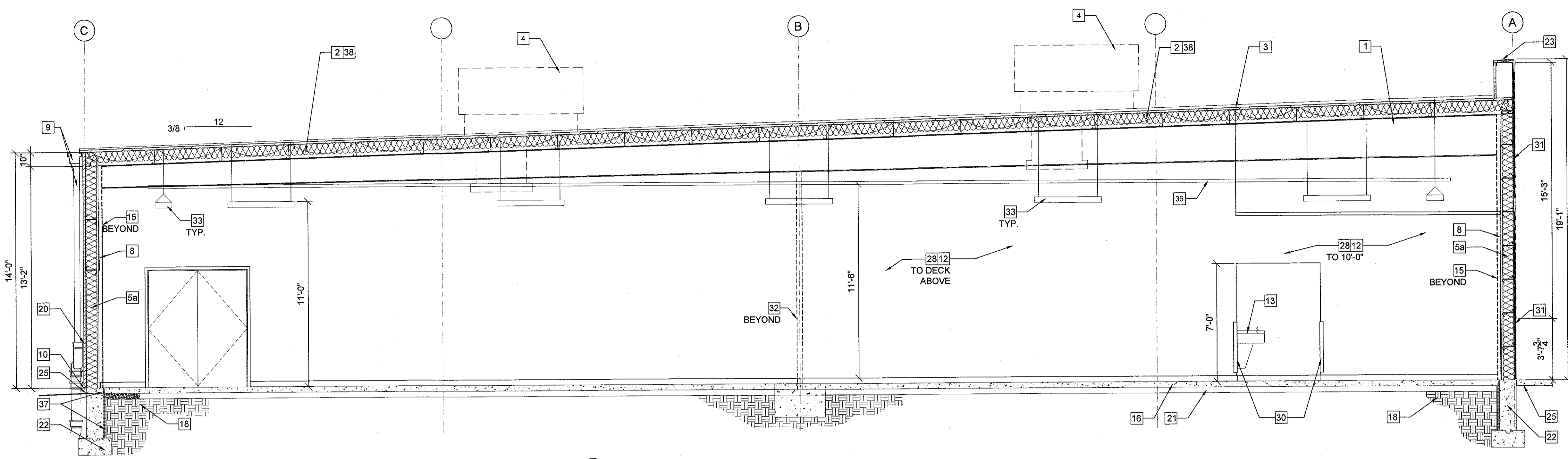
EXTERIOR ELEVATIONS
LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCAWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: DSG
Checked By:
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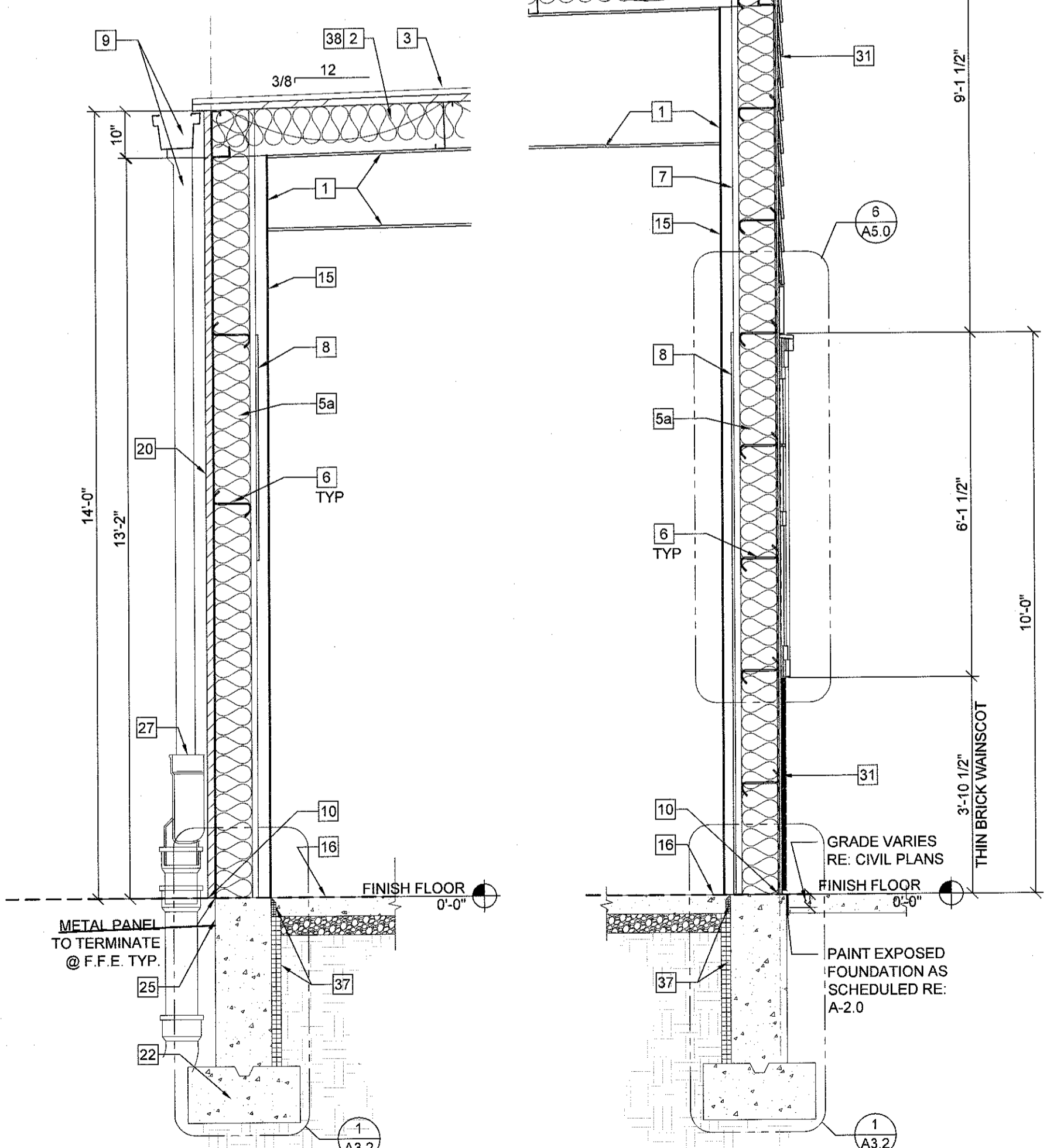


1 BUILDING SECTION
A3.0 SCALE: (1/4"=1'-0")

NOTE:
RE: A3.0 DESIGN CRITERIA FOR MATERIAL AND ENVELOPE SPEC NOTED ON SECTIONS AND DETAILS TYP.

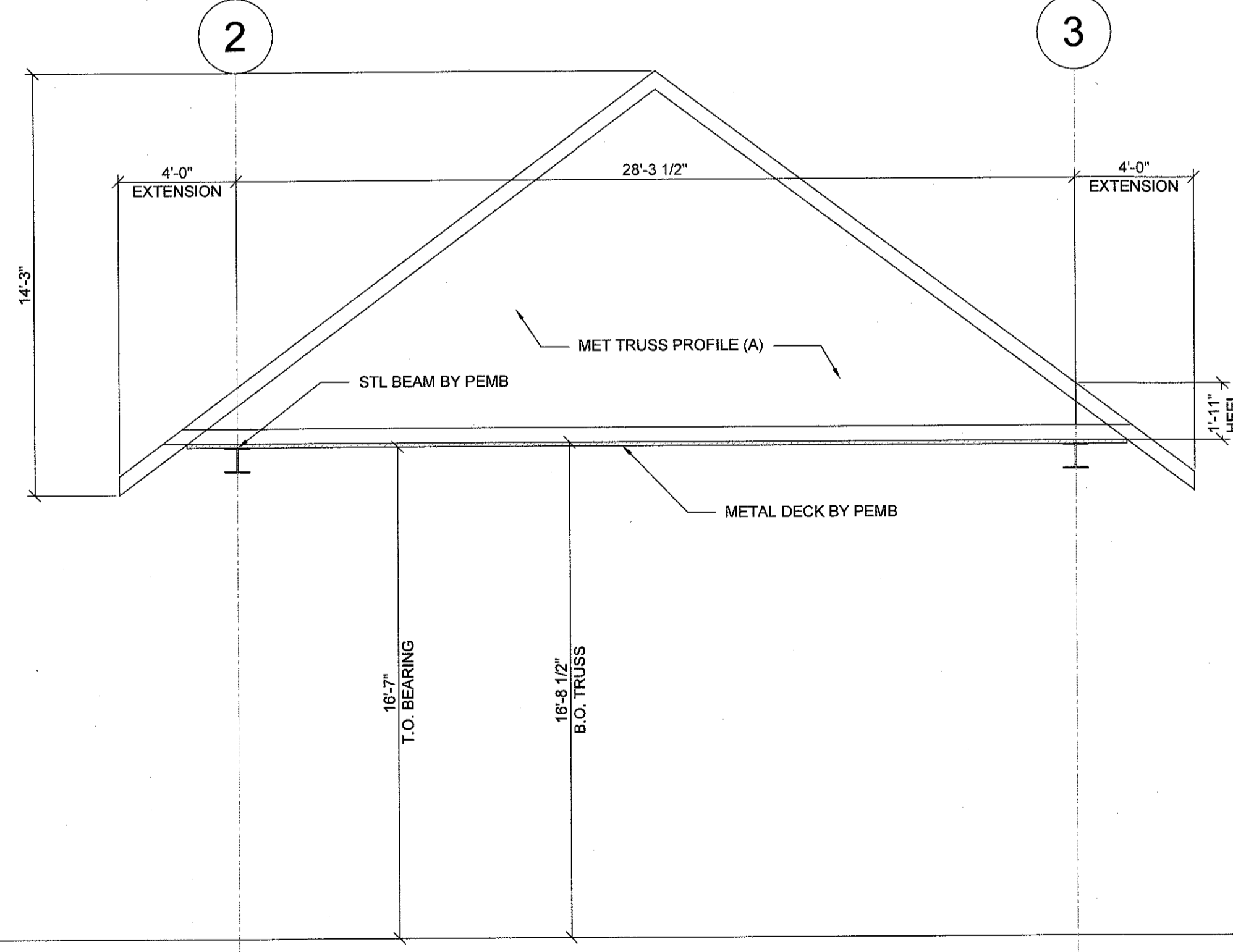
SECTION KEYED NOTES	
1 PRE-ENGINEERED METAL BUILDING SYSTEM BY BUILDING MANUFACTURER.	20 WALL CLADDING, SHEATHING AND WEATHER BARRIER AS SCHEDULED
2 MINIMUM R-11 VINYL BACKED INSULATION LINER SYSTEM WITH R-5 THERMAL BLOCKS AT EACH PURLIN. (BY PEMB)	21 GRANULAR FILL
3 STANDING SEAM METAL ROOF. GALVALUME FINISH (BY PEMB)	22 REINFORCED CONCRETE FOOTING & FOUNDATION (REFER TO NOTES ON S2)
4 ROOF MOUNTED HVAC UNIT. SEE MECHANICAL DRAWINGS.	23 PREFINISHED METAL COPING.
5 NOT USED	24 STOREFRONT SIGN (BY DOLLAR GENERAL). REFER TO ELEVATIONS & STRUCTURAL NOTES FOR REQUIRED BLOCKING.
5a MINIMUM 8" R-25 FACED BATT INSULATION FRICTION FIT BETWEEN PEMB STRUCTURE. WITH 3" CONT FOAM INSULATION TAPE USE 6 MIL POLY VAPOR IF UNFACED INSULATION IS PREFERRED	25 FINISH GRADE (NO SIDEWALKS) AT EXTERIOR WALLS SHALL BE A MINIMUM OF 6" BELOW FINISHED FLOOR.
6 METAL BUILDING GIRT (BY PEMB)	26 NOT USED
7 VERTICAL METAL LINER PANELS, 28 GA.	27 DOWN SPOUT BOOT AND STORM PIPE RE: SHEET A-10.0 FOR DETAILS.
8 1/2" MINIMUM GYPSUM BOARD OVER LINER PANELS. METAL LINER PANELS TO DECK ABOVE. T.O. GYPSUM BOARD 10'-0" AFF. PAINTED. REFER TO INTERIOR SALES FLOOR ELEVATIONS.	28 INTERIOR WALL - PAINTED - SEE ROOM SCHEDULE FOR MORE INFORMATION.
9 PRE-FINISHED GUTTER & DOWNSPOUT.	29 NOT USED
10 PROVIDE METAL CLOSURE. SEAL & CAULK TO RODENT PROOF BUILDING.	30 MC CUE TRIM KIT.
11 LOCATION OF 1 1/2" CONDUIT WITH PULLSTRING (ABOVE OFFICE) FOR SATELLITE LINE. PROVIDE WEATHERTIGHT SEAL AT HORIZONTAL PENETRATION CONTRACTOR RESPONSIBLE FOR INSTALLATION OF CONDUIT.	31 CLADDING AS SCHEDULED RE: A-2.0 FIN SCHEDULE
12 1/2" MINIMUM GYPSUM BOARD ON 3 5/8" MTL STUDS. HEIGHT AS NOTED.	32 STEEL PIPE COLUMN (BY PEMB) WITH RECESSED BASEPLATE. WRAP WITH CARPET UP TO 48" AFF.
13 ADA COMPLIANT DRINKING FOUNTAIN. REFER TO PLUMBING.	33 1"x4" LIGHT FIXTURES HUNG WITH AIRCRAFT CABLE. ADD UNISTRUT TO PURLINS AS REQUIRED FOR HANGING.
14 NOT USED	34 20"x30" MINIMUM ACCESS PANEL FOR SIGNAGE JUNCTION BOX. COORDINATE LOCATION WITH ELECTRICAL DRAWINGS AND SIGNAGE VENDOR.
15 METAL BUILDING COLUMNS SHALL BE STRAIGHT.	35 BLOCKING FOR BUILDING SIGNAGE. COORDINATE WITH SIGN VENDOR.
16 REINFORCED CONCRETE SLAB ON VINYL VAPOR BARRIER.	36 CABLE TRAY - SEE A09
17 ALUMINUM BI-PART DOOR AND STOREFRONT GLAZING SYSTEM. COLOR BRONZE.	37 VERTICAL RIGID INSULATION WITH A MIN R-5 TYP. FROM FIN FLOOR TO U.S. OF SLAB. MIN R-10 FROM U.S. OF SLAB TO T.O. FOOTING. TYP.
18 UNDISTURBED EARTH AND COMPACTED SUB GRADE.	38 MIN R-25 (8") VINYL BACKED BATT INSULATION BETWEEN PURLINS. NOTE: (USE LINER SYSTEM BY PEMB)
19 SOFFIT BEYOND (BY PEMB)	
20 PRE-FINISHED METAL WALL PANELS (BY PEMB). PROVIDE TAMPER-RESISTANT FASTENERS 8'-0" AFF AND BELOW.	

TYPICAL DESIGN CRITERIA BOSCAWEN, NH	ALL MATERIALS AS SPECIFIED IN THIS CHART SHALL BE TYPICAL. DISCREPANCIES SHALL BE BROUGHT TO ARCHITECT'S ATTENTION PRIOR TO START OF WORK.
INSULATION (PEMB)	WALLS: MIN R-25 8" UNFACED BATT INSULATION FRICTION FIT BETWEEN FRAMING. WITH 3" FOAM INSULATION TAPE
ROOF:	(1) LAYER R-11 INSULATION OVER PURLINS WITH R-5 THERMAL BLOCKS WITH MIN R-19 INSULATION BETWEEN PURLINS. USE LINER SYSTEM
AIR BARRIER SYSTEM	
EXTERIOR	"DUPONT" TYVEK COMMERCIAL WRAP. LAP JOI- AND FLASH ALL ROUGH OPENINGS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. TAPE JOI- WITH TYVEK TAPE. EXTEND PAST TOP OF THRU-WALL FLASHING 4" MIN. & TAPE JOINT WATER-TIGHT. SUPERINTENDENT TO CONTACT TYVEK REP. SCOTT KNOLTON AT 781-910-1816 OR sknolton@parksite.com PRIOR TO TYVEK INSTALLATION FOR INSTALLATION INSTRUCTIONS AND WARRANTY REQUIREME.
INTERIOR	BY P.E.M.B.
VAPOR BARRIER SYSTEM	
INTERIOR	6 MIL POLY VAPOR BARRIER APPLIED OVER UNFACED INSULATION OR KRAFT OR FOIL FACED INSULATION WITH TAPED JOINTS
DRAINAGE PLANE	"DUPONT" TYVEK COMMERCIAL WRAP. LAP JOI- AND FLASH ALL ROUGH OPENINGS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. TAPE JOI- WITH TYVEK TAPE. EXTEND PAST TOP OF THRU-WALL FLASHING 4" MIN. & TAPE JOINT WATER-TIGHT. SUPERINTENDENT TO CONTACT TYVEK REP. SCOTT KNOLTON AT 781-910-1816 OR sknolton@parksite.com PRIOR TO TYVEK INSTALLATION FOR INSTALLATION INSTRUCTIONS AND WARRANTY REQUIREME.
FRAMING & SHEATHING SYSTEM	
METAL STUDS & BLOCKING	INTERIOR SEE PARTITION SCHEDULE PARTITIONS EXTERIOR BY P.E.M.B. & STRUCTURAL ENGINEER FRAMING RE: A-3.0 - A3.1 FOR DETAILS
EXTERIOR SHEATHING	1/2" PLYWOOD
ROOF SHEATHING	5/8" CDX PLYWOOD
FIRE BLOCKING SPACES	5/8" FRTW PLWD SPACED @ 20'-0" O.C. INSIDE CONCEALED
EXTERIOR CLADDING	6" CLAPBOARD ON 1/2" PLVD SHEATHING WITH CONT WEATHER BARRIER
EXTERIOR TRIM	CONT SHEET AND HARDI-TRIM BY JAMES HARDI. PRE-FINISHED & PAINTED WHERE NOTED. G.C. TO FILL NAIL HOLES WITH PUTTY AND FINISH PAINT WHERE REQUIRED
ROOFING SYSTEM	
FLAT ROOF & CANOPY	BY P.E.M.B.
GABLE ROOFING	PROVIDE ARCHITECTURAL ASPHALT SHINGLES AND ICE & WATER SHIELD



2A WALL SECTION
A3.0 SCALE: NTS (1/2"=1'-0")

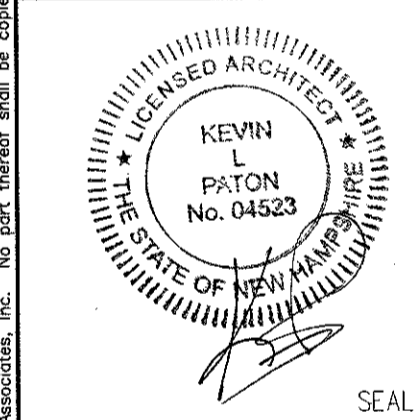
2B WALL SECTION
A3.0 SCALE: NTS (1/2"=1'-0")



3 TRUSS PROFILE
A3.0 SCALE: NTS (1/2"=1'-0")

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SECTIONS, DET & CRITERIA
LISCOTTIDEVELOPMENT

DOLLAR GENERAL

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BOSCAWEN, NH

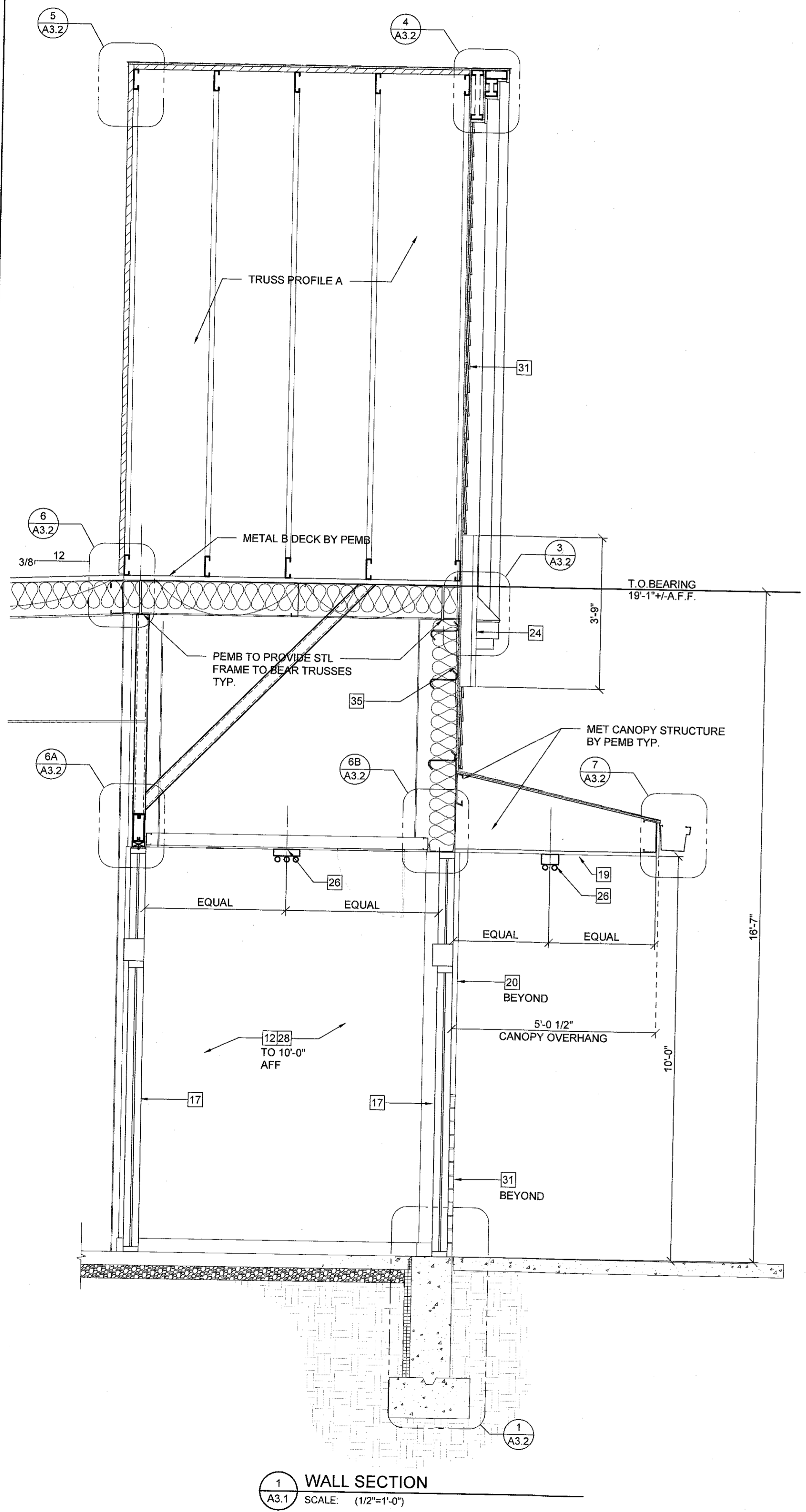
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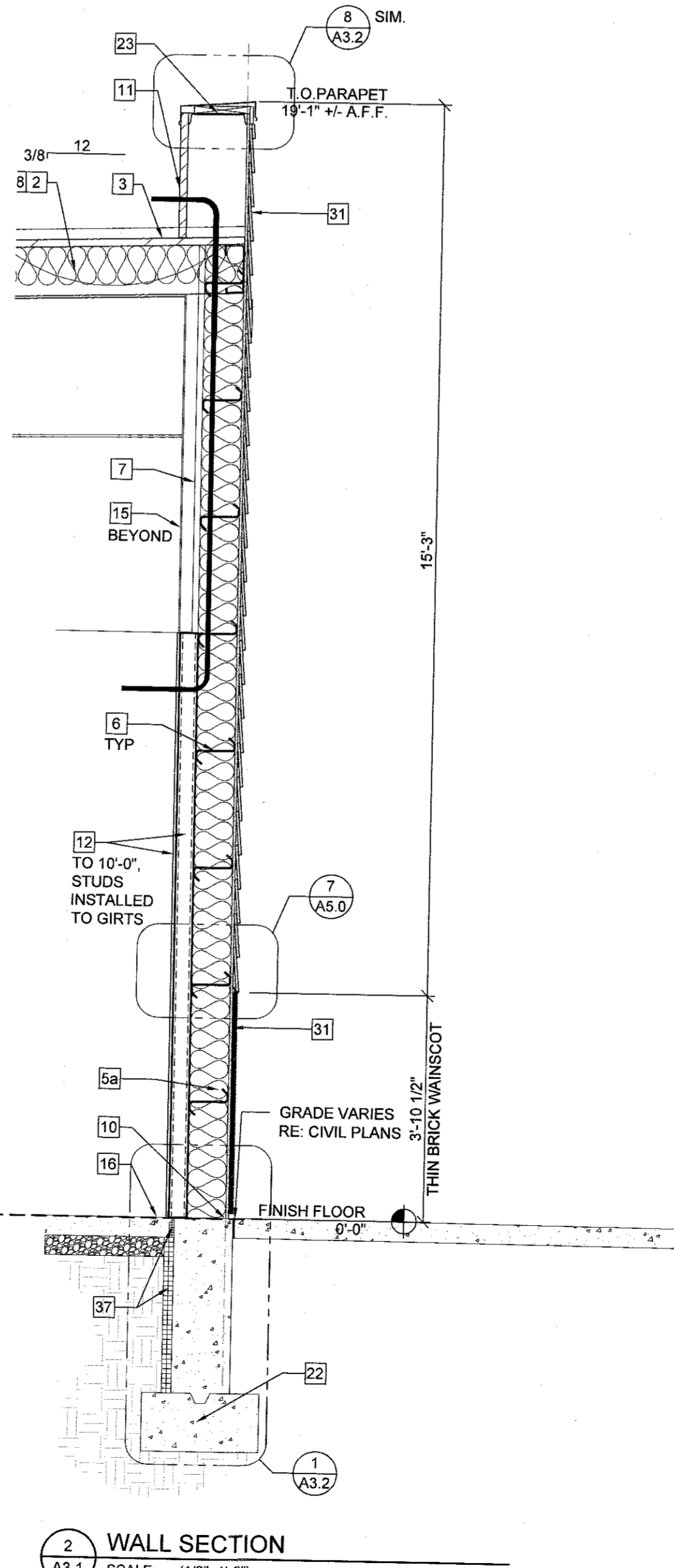
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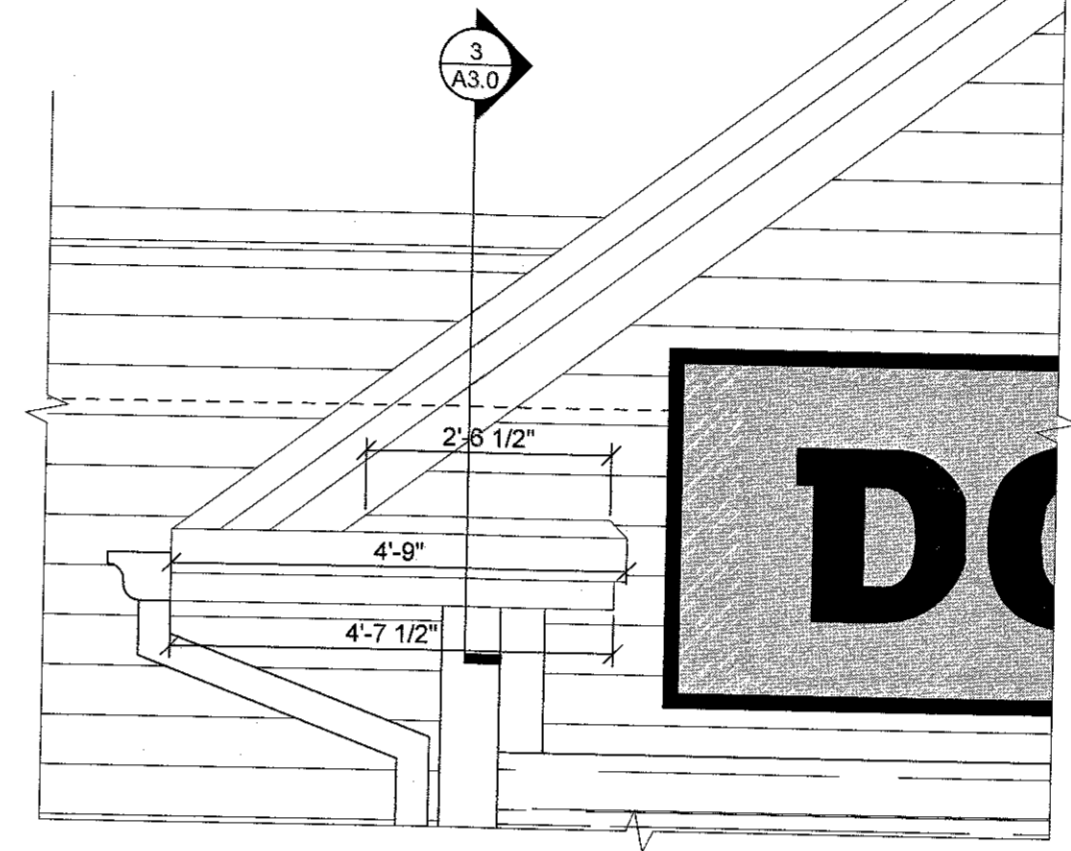


1 WALL SECTION
 A3.1 SCALE: (1/2"=1'-0")



2 WALL SECTION
 A3.1 SCALE: (1/2"=1'-0")

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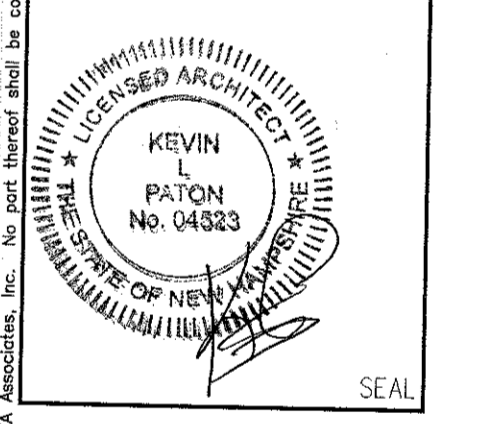


4 RETURN ELEVATION
 A3.1 SCALE: (1/2"=1'-0")

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 Boston + Brockton
 142 Crescent Street
 Brockton, MA 02302
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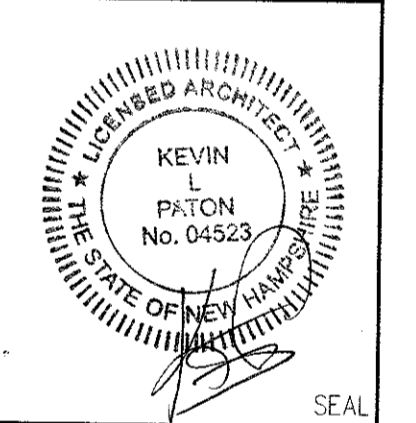
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DOLLAR GENERAL
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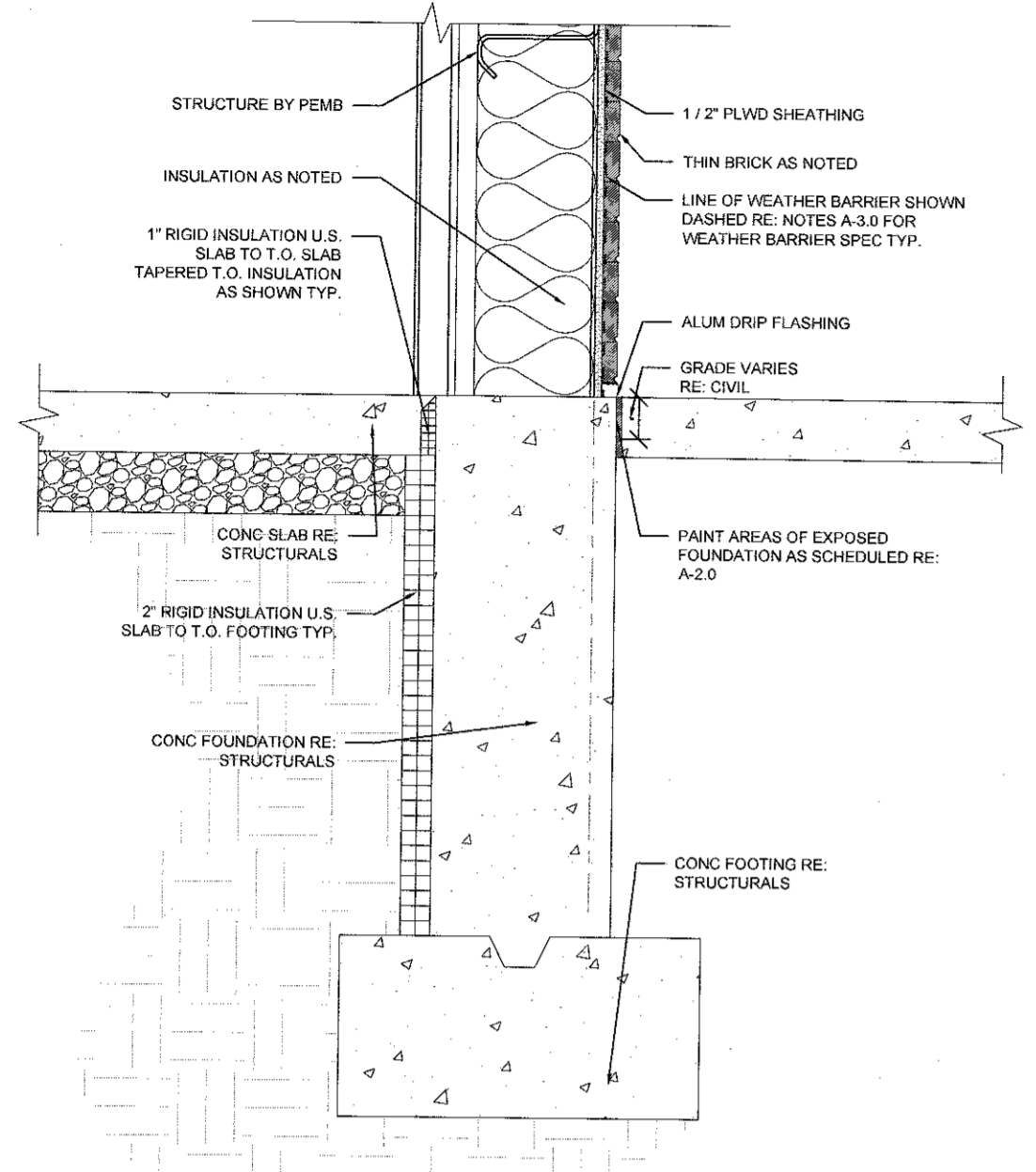
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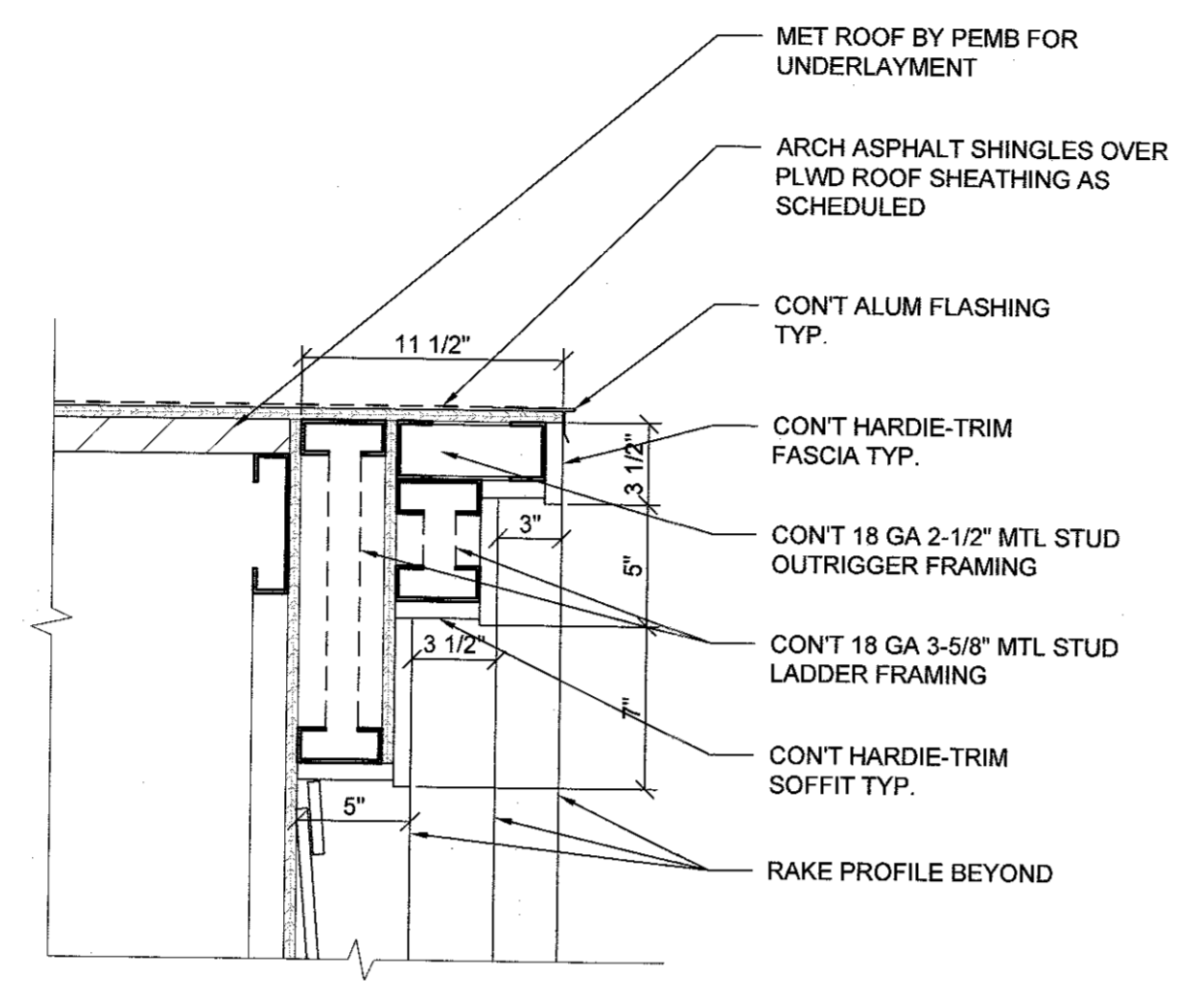
SECTIONS & DETAILS
LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
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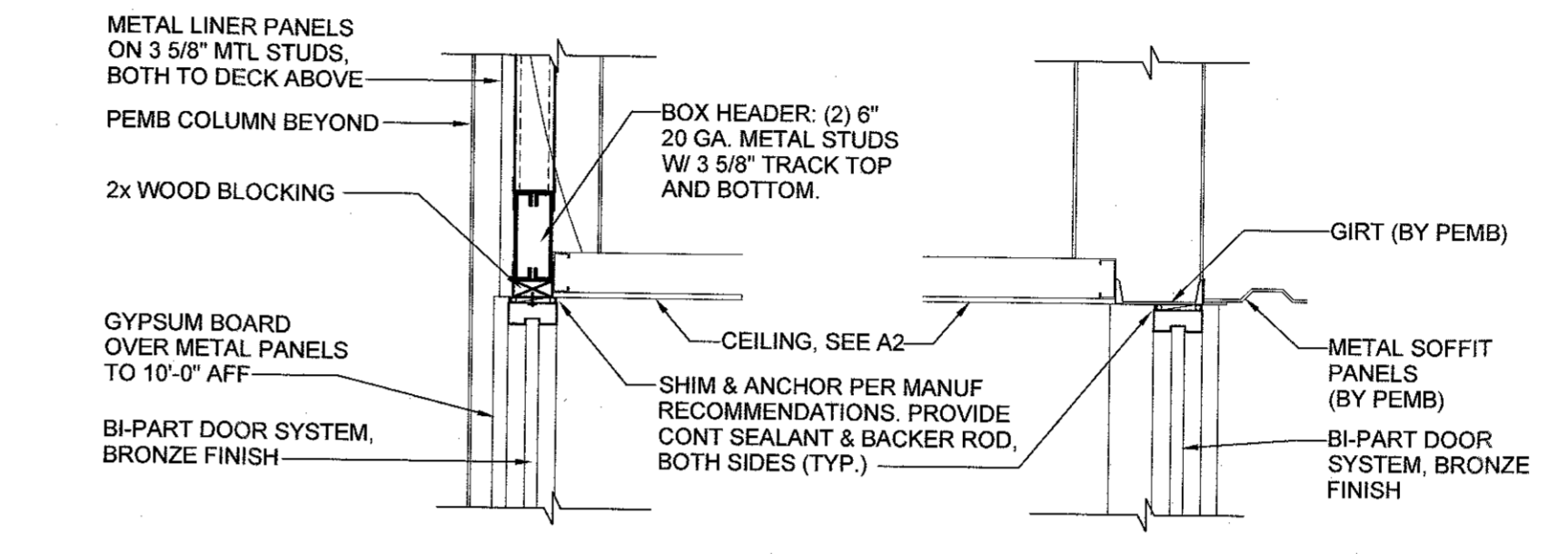
Drawing:
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ISSUED FOR BUILDING PERMIT
NOT ISSUED FOR CONSTRUCTION



1 BASE DETAIL
A3.2 SCALE: (1"=1'-0")

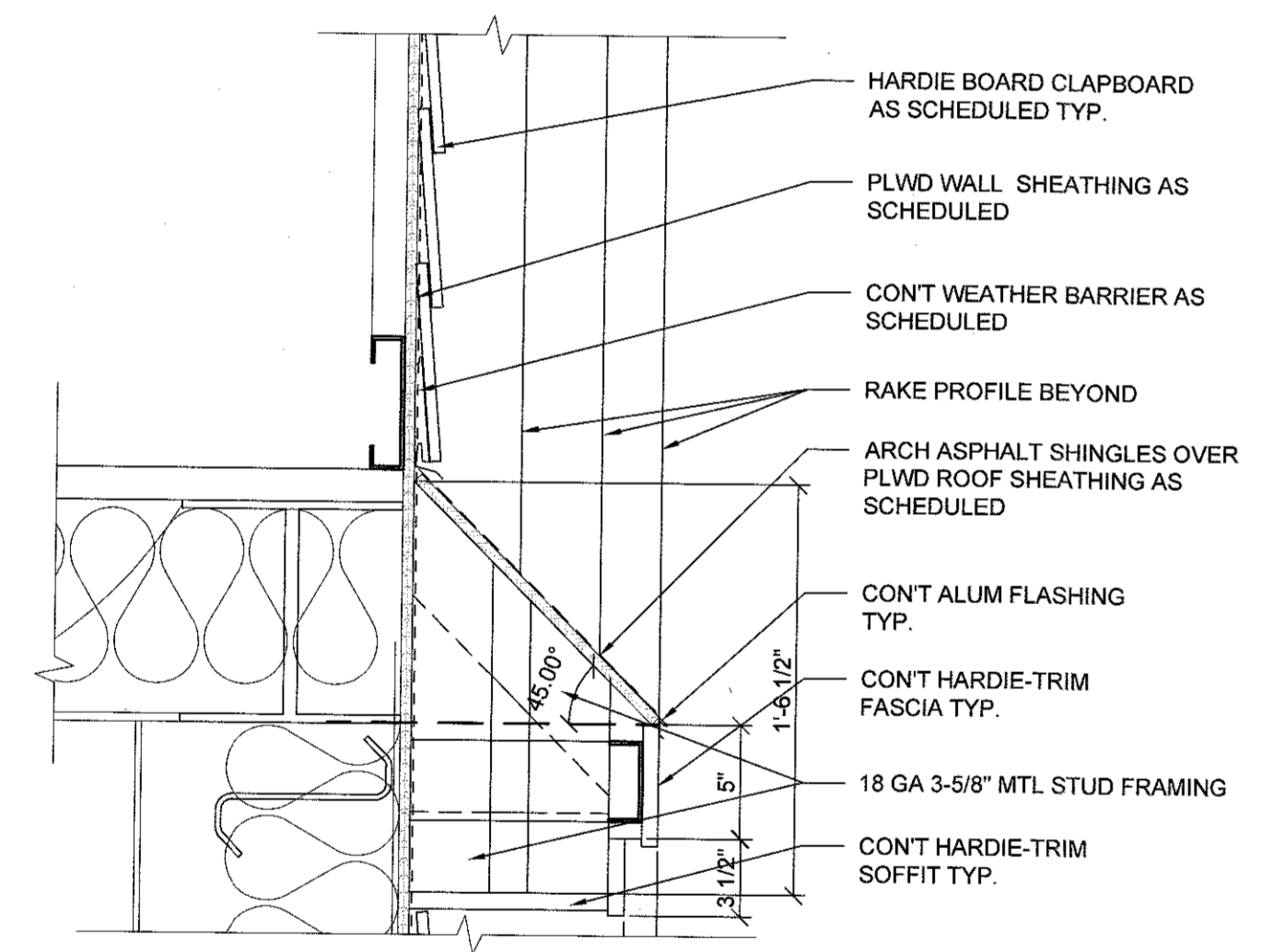


4 RAKE DETAIL
A3.2 SCALE: (1"=1'-0")



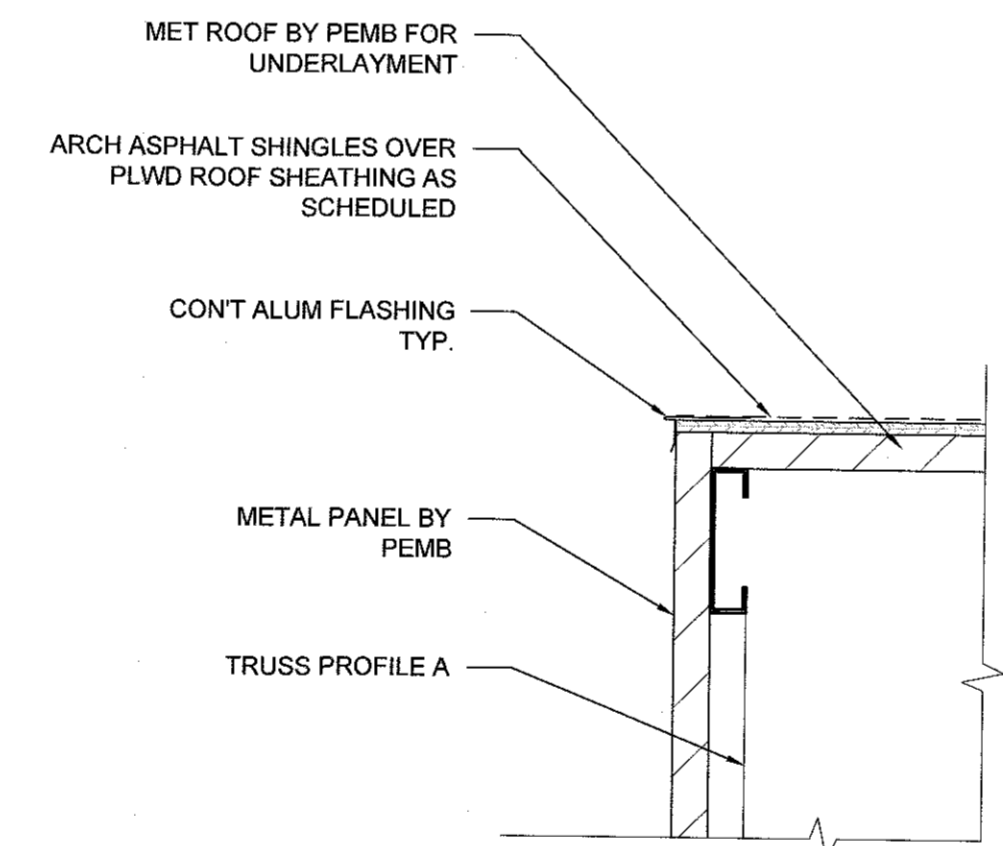
6A STOREFRONT HEAD DTL
A3.2 SCALE: NTS (3/4"=1'-0")

6B STOREFRONT HEAD DTL
A3.2 SCALE: NTS (3/4"=1'-0")

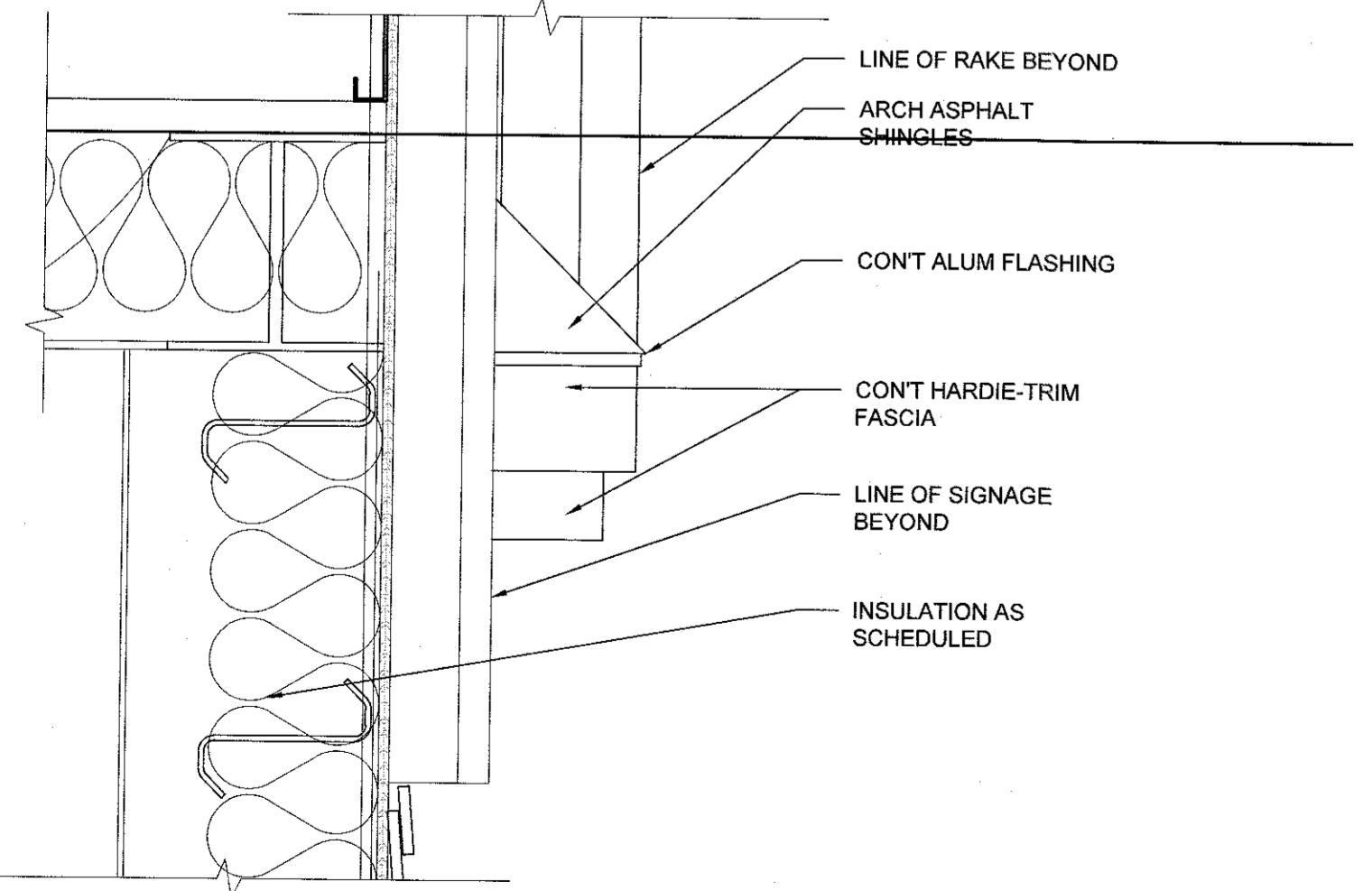


2 RETURN FRAMING DETAIL
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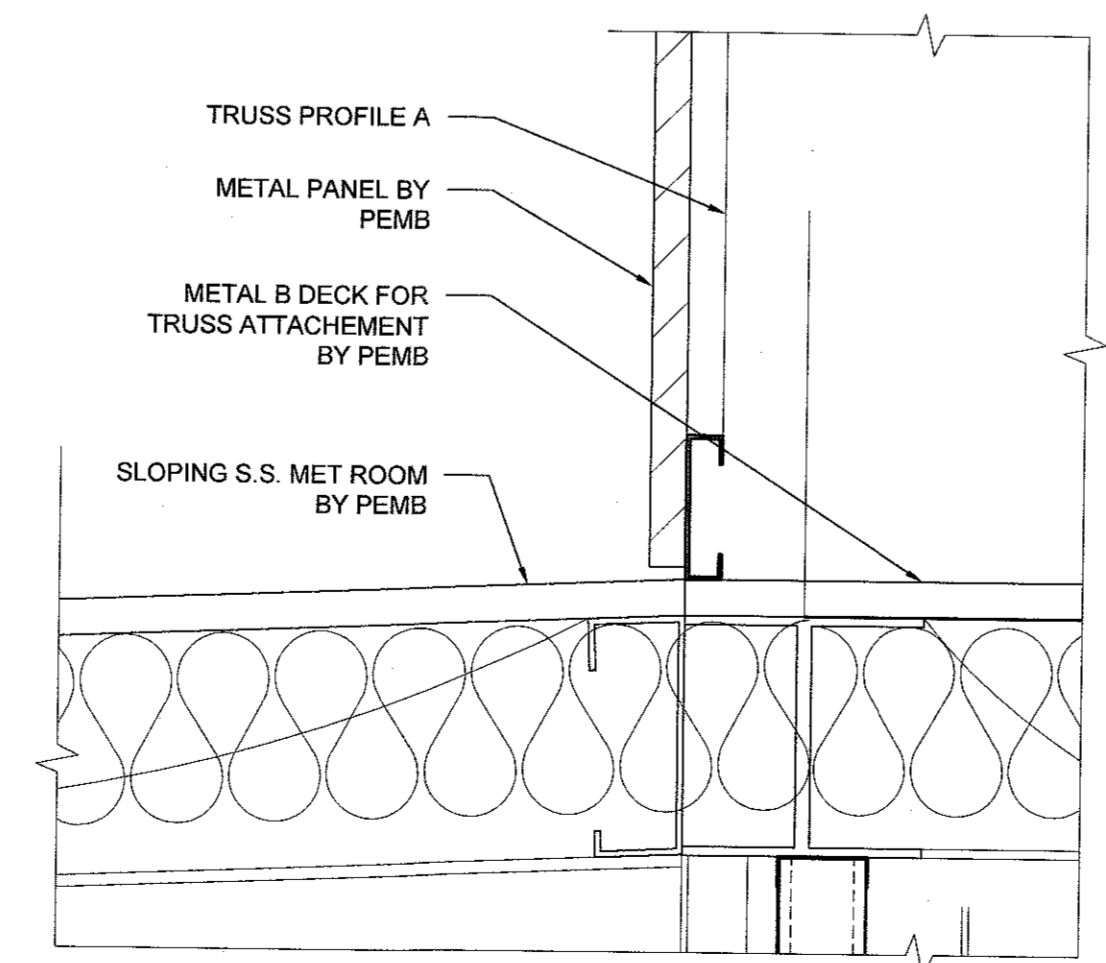
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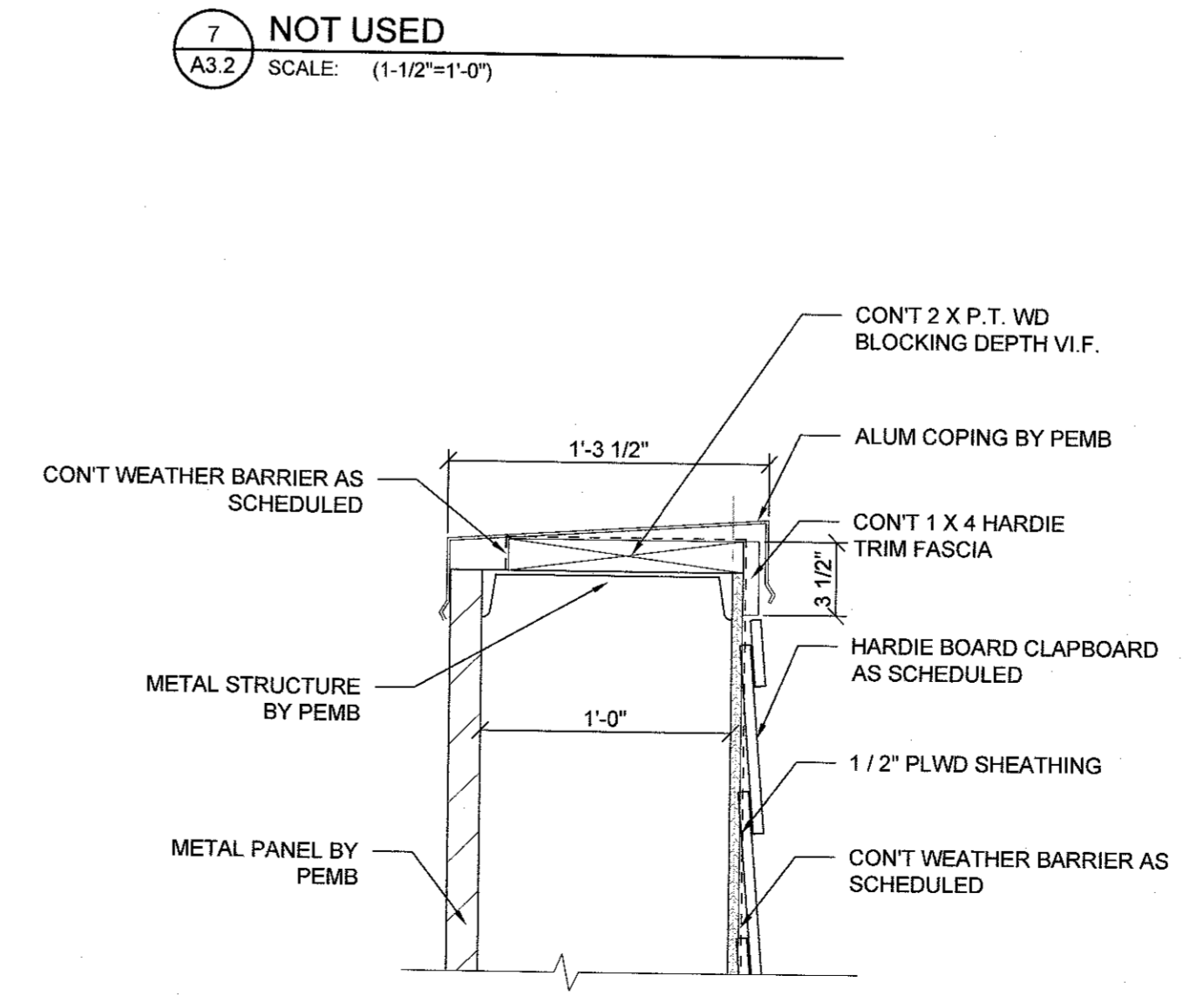
5 ROOF TRANSITION DETAIL (HIGH)
A3.2 SCALE: (1-1/2"=1'-0")



3 RETURN DETAIL
A3.2 SCALE: (1-1/2"=1'-0")



6 ROOF TRANSITION DETAIL (LOW)
A3.2 SCALE: (1-1/2"=1'-0")



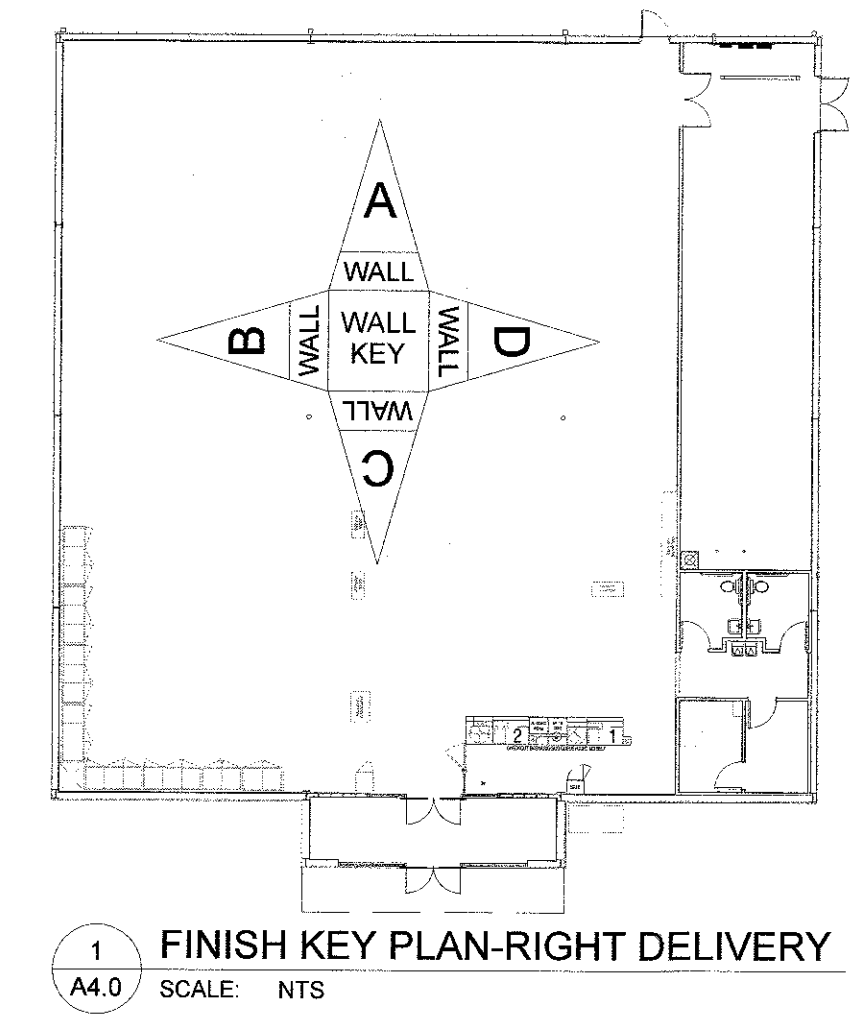
8 COPING DETAIL
A3.2 SCALE: (1-1/2"=1'-0")

7 NOT USED
A3.2 SCALE: (1-1/2"=1'-0")

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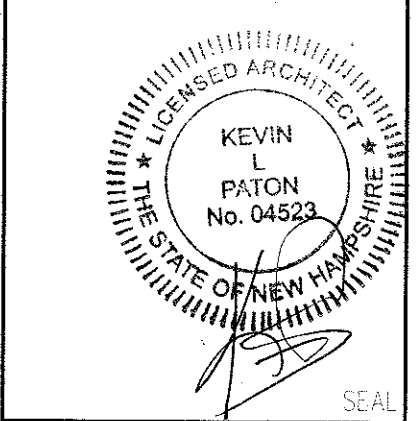
ROOM SCHEDULE

NO	ROOM NAME	FLOOR		BASE		A WALL		B WALL		C WALL		D WALL		CEILING		REMARKS
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
100	BREAK ROOM	SEALED CONCRETE	CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	WHITE METAL LINER PANELS ABOVE	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	WHITE METAL LINER PANELS ABOVE	EXPOSED TO STRUCTURE ABOVE	N/A
101	OFFICE	SEALED CONCRETE	CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	WHITE METAL LINER PANELS ABOVE	SHERWIN WILLIAMS - SW7005-PURE WHITE, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	WHITE METAL LINER PANELS ABOVE	EXPOSED TO STRUCTURE ABOVE	N/A
102	SALES AREA	POLISHED CONCRETE (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD ON WHITE METAL LINER PANELS, REFER TO ELEVATIONS ON THIS SHEET.	SHERWIN WILLIAMS, PRO-MAR LATEX SATIN. SEE ELEVS ON THIS SHEET.	GYPSUM BOARD ON WHITE METAL LINER PANELS, REFER TO ELEVATIONS ON THIS SHEET.	SHERWIN WILLIAMS, PRO-MAR LATEX SATIN. SEE ELEVS ON THIS SHEET.	GYPSUM BOARD ON WHITE METAL LINER PANELS, REFER TO ELEVATIONS ON THIS SHEET.	SHERWIN WILLIAMS, PRO-MAR LATEX SATIN. SEE ELEVS ON THIS SHEET.	GYPSUM BOARD TO HEIGHT INDICATED ON WALL SECTIONS	SHERWIN WILLIAMS, PRO-MAR LATEX SATIN. SEE ELEVS ON THIS SHEET.	GYPSUM BOARD TO HEIGHT INDICATED ON WALL SECTIONS	EXPOSED TO STRUCTURE ABOVE	N/A
103	RECEIVING AREA	SEALED CONCRETE	CONCRETE WITH SEALER	N/A	N/A	METAL LINER PANEL TO 8'-0" A.F.F.	WHITE (SEE EXTERIOR FINISH SCHEDULE)	GYPSUM BOARD TO ROOF DECK	TAPED, PAINTED AS REQ'D BY CODE	GYPSUM BOARD TO ROOF DECK	METAL LINER PANEL TO DECK AS ALTERNATE	METAL LINER PANEL TO 8'-0" A.F.F.	WHITE (SEE EXTERIOR FINISH SCHEDULE)	EXPOSED TO STRUCTURE ABOVE	N/A	
104	MENS	SEALED CONCRETE	SHERWIN WILLIAMS ACRYLIC SILICONE SILK CHOCOLATE HC-117	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYP BD OR ACT CEILING @ 8'-0" A.F.F.	WHITE	
105	WOMENS	SEALED CONCRETE	SHERWIN WILLIAMS ACRYLIC SILICONE SILK CHOCOLATE HC-117	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYPSUM BOARD TO 8'-0" A.F.F.	8'-0" HIGH FIBERGLASS REINFORCED PANEL - "WHITE"	GYP BD OR ACT CEILING @ 8'-0" A.F.F.	WHITE	
106	VESTIBULE	POLISHED CONCRETE (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW8991-BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW8991-BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW8991-BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS.	GYPSUM BOARD TO 10'-0" A.F.F.	SHERWIN WILLIAMS - SW8991-BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS.	EXTERIOR GRADE GYP BD @ 10'-0"	WHITE	
107	HALLWAY	POLISHED CONCRETE (STEPS 1-9)	POLISHED CONCRETE WITH SEALER	4" RUBBER / VINYL BASE	BLACK	GYPSUM BOARD TO ROOF DECK	SHERWIN WILLIAMS - SW8991-BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS TO 48" AFF.	GYPSUM BOARD TO 10'-0" AFF	SHERWIN WILLIAMS - SW7005 PURE WHITE, PRO-MAR LATEX SEMI-GLOSS ABOVE 48" AFF.	GYPSUM BOARD TO 10'-0" AFF	SHERWIN WILLIAMS - SW8991-BLACK MAGIC, PRO-MAR LATEX SEMI-GLOSS TO 48" AFF.	GYPSUM BOARD TO 10'-0" AFF	WHITE METAL LINER PANELS ABOVE	EXPOSED TO STRUCTURE ABOVE	N/A	



04/25/17	ISSUED FOR REVIEW/PERMITS
02/27/19	UPDATED PROTOTYPE
03/04/19	ISSUED FOR BUILDING PERMIT

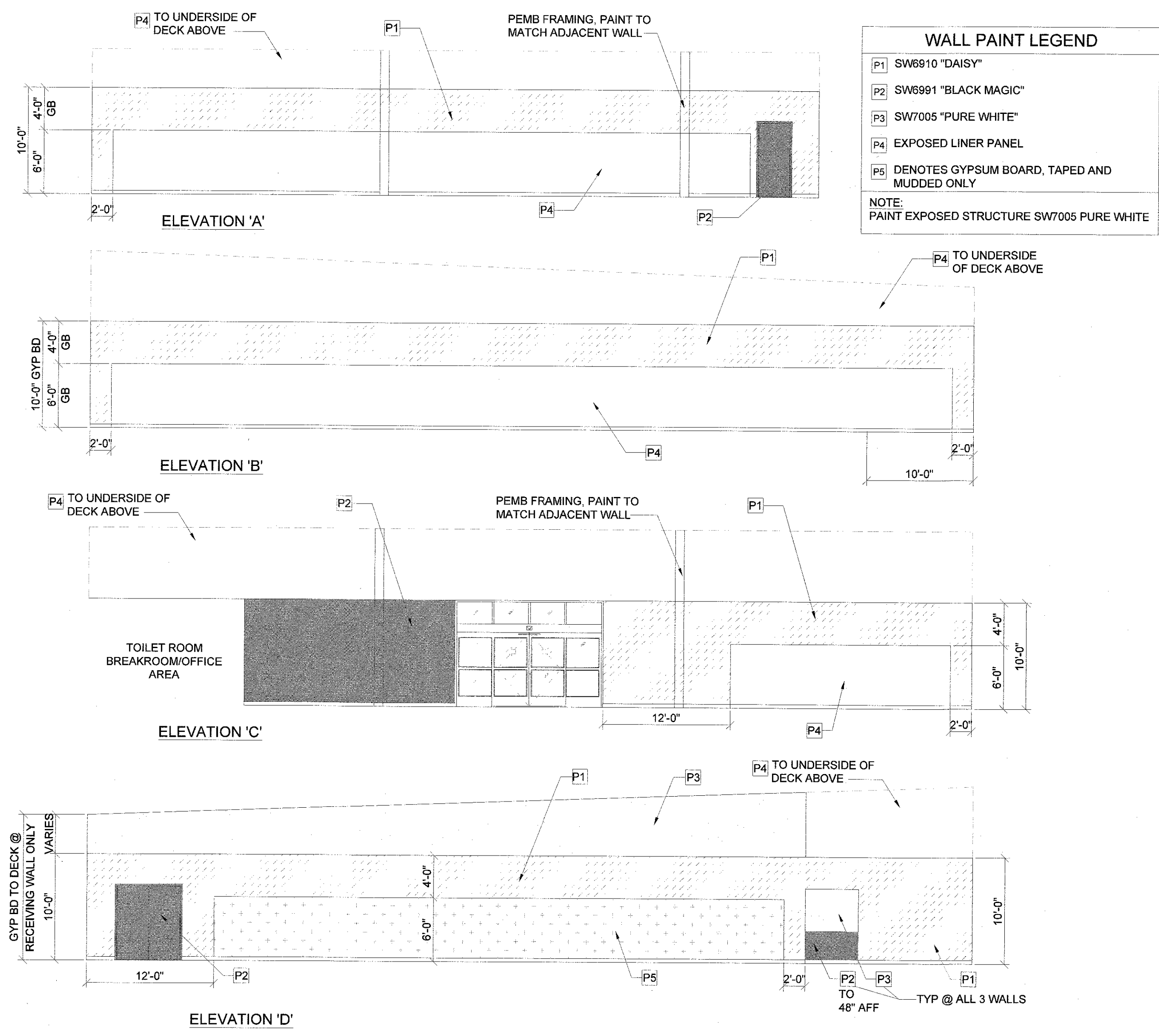
CONSULTANT



FIN SCHED & INT ELEVS
LISCOTTIDEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCAWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: DSG
Checked By:
Job Number: 216111

Drawing:
A4.0
ISSUED FOR BUILDING PERMIT
NOT ISSUED FOR CONSTRUCTION



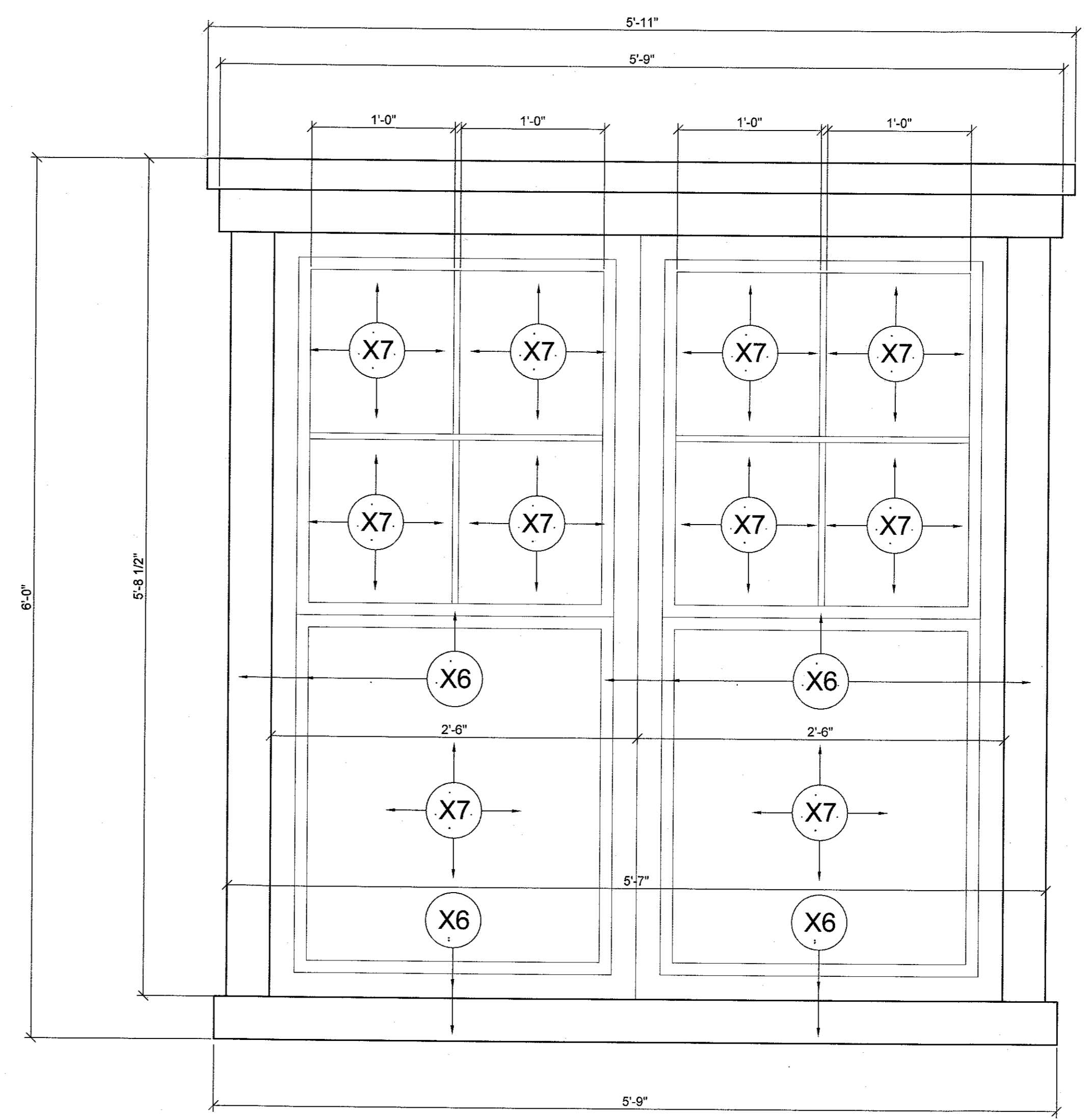
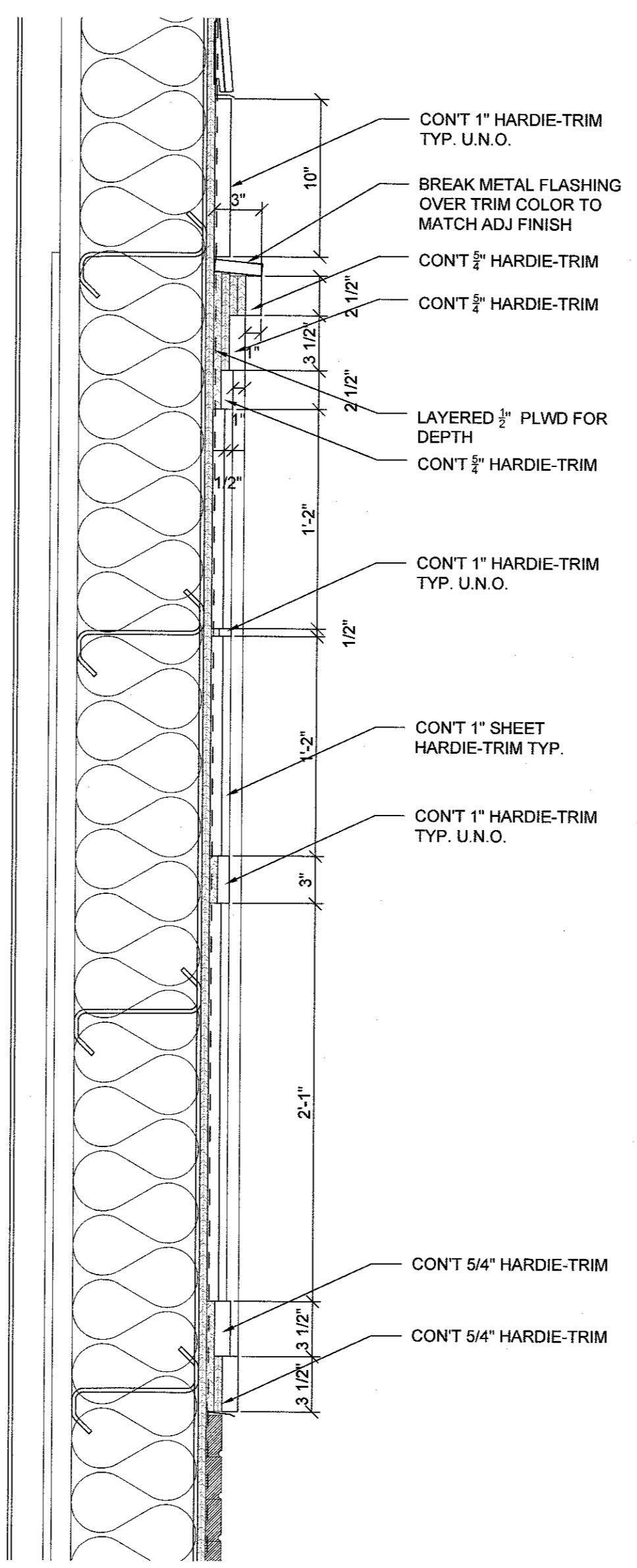
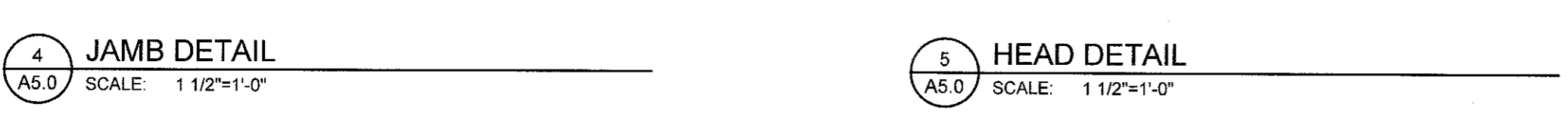
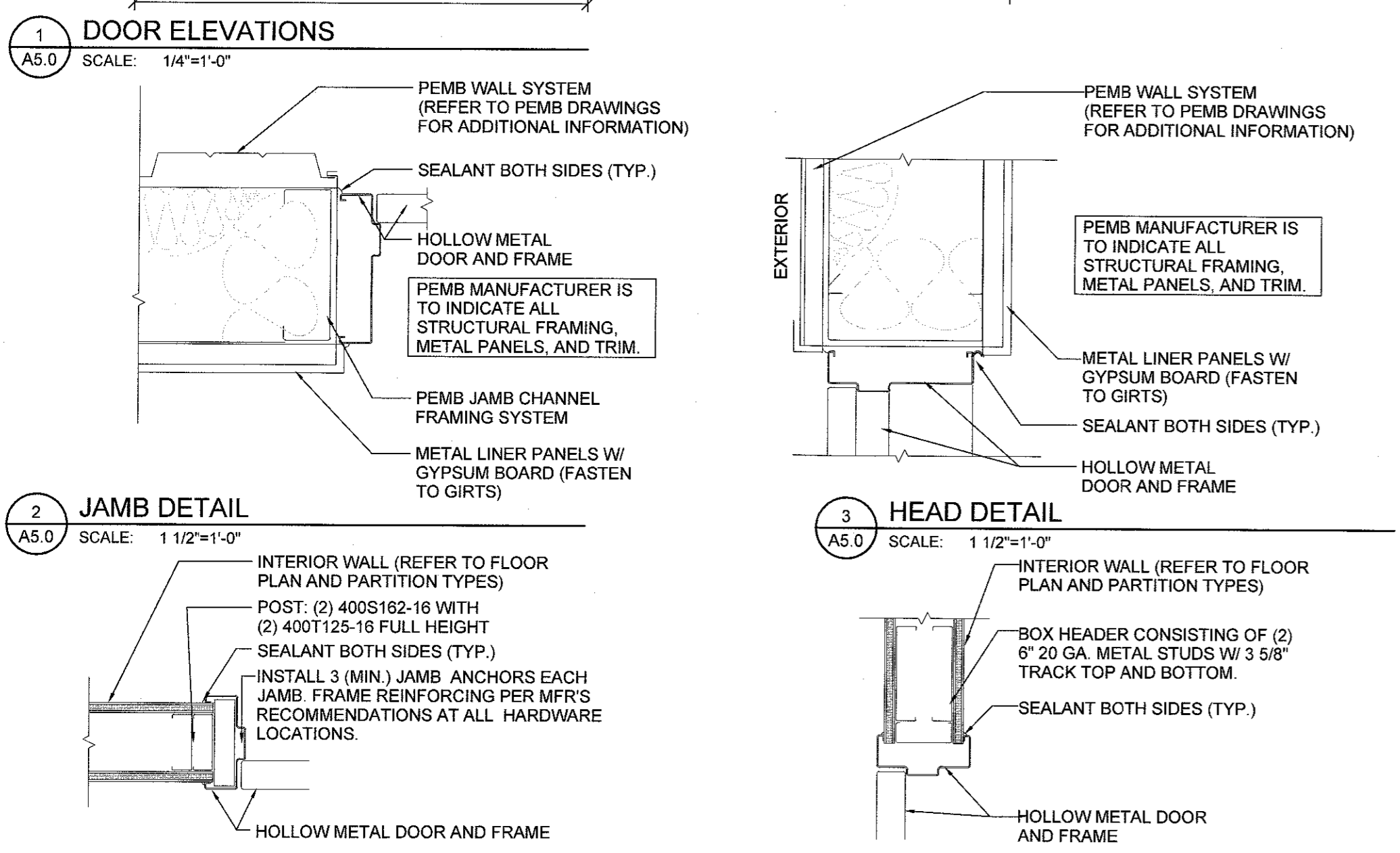
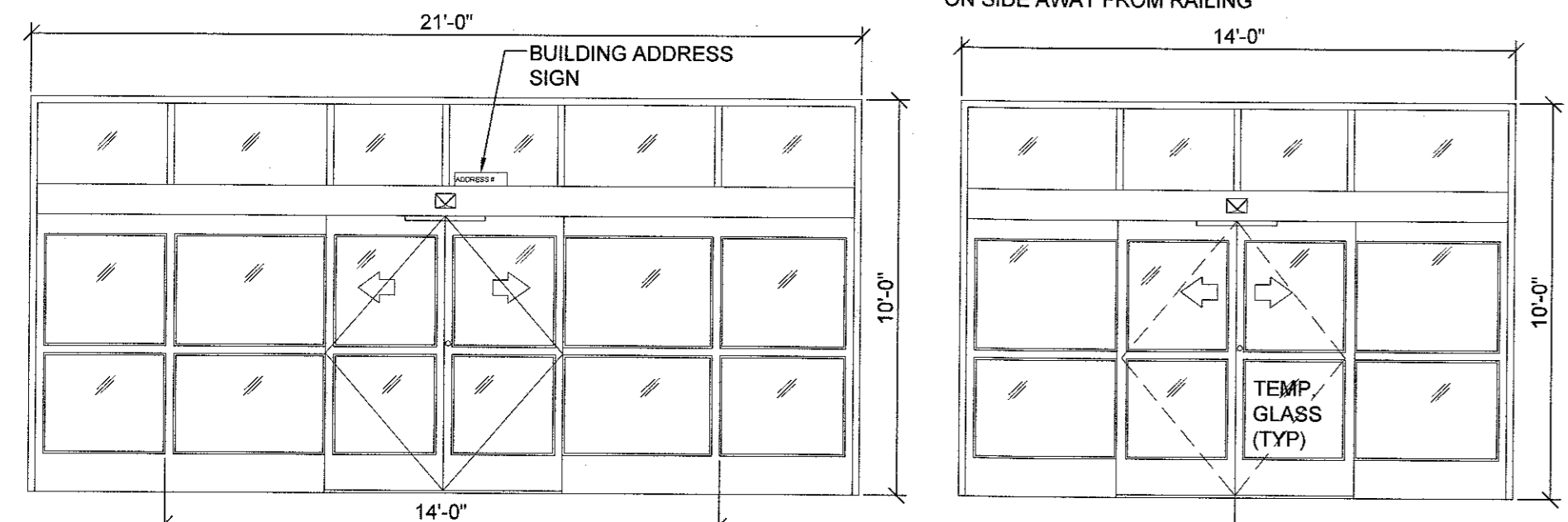
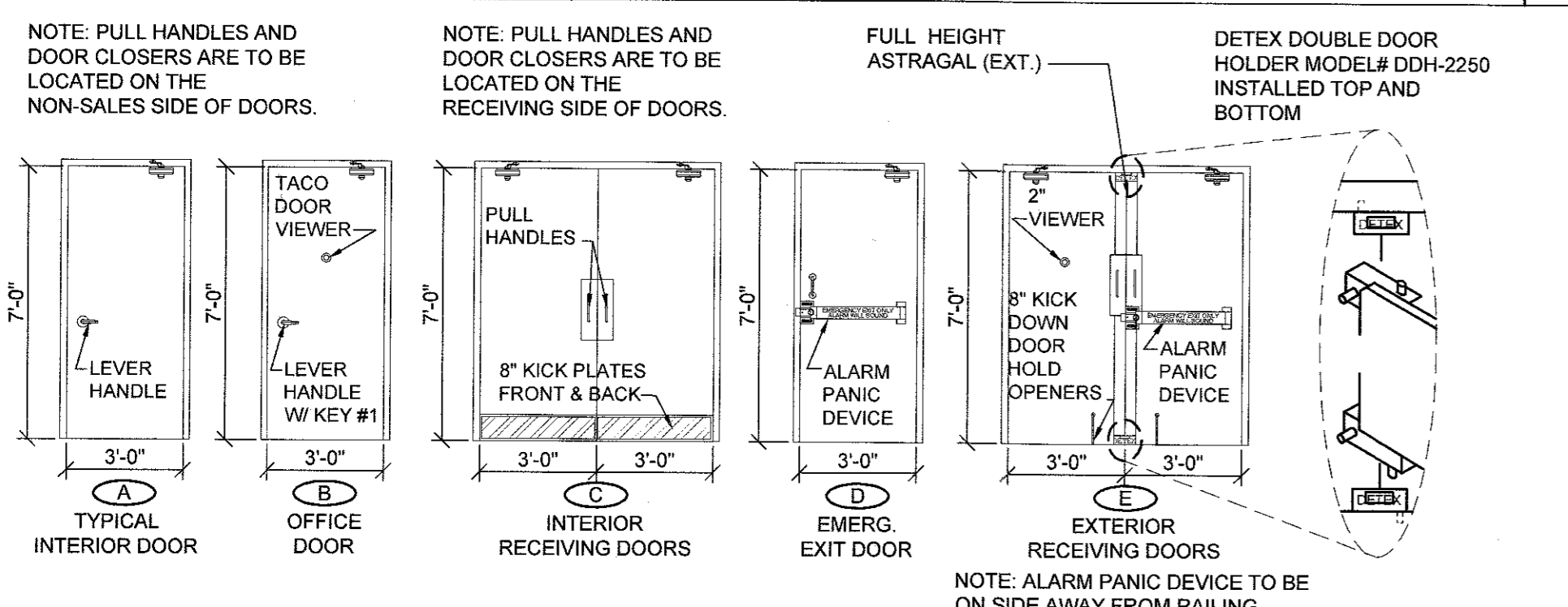
2 SALES FLOOR PAINT ELEVATIONS - RIGHT DELIVERY
A4.0 SCALE: 1/8"=1'-0"

Lost edit: Mar 01, 2019 - 10:40am

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NO.	Type	SIZE			DETAILS		DOOR HARDWARE	REMARKS
		W	H	T	HEAD	JAMB		
100	A	3'-0"	7'-0"	1 3/4"	5/A5	4/A5	(1-1/2) PAIR HINGES, (1) STANLEY PASSAGE LOCKSET QCL230-E-626-S4 - NO KEY REQUIRED, (1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-12B-26D	SOLID CORE WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).
101	B	3'-0"	7'-0"	1 3/4"	5/A5	4/A5	(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #1, (1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-12B-26D, (1) TACO DOOR VIEWER #TA3310PC.	SOLID WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).
102	D	3'-0"	7'-0"	1 3/4"	3/A5	2/A5	(1-1/2) PAIR HINGES, (1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2670-28, (1) STANLEY DOOR CLOSER QDC311-689, (1) DOOR PULL 8N US28, (1) DOOR SWEEP, WEATHERSTRIPPING, (1) 7015SC8-26D RIM CYLINDER	HOLLOW CORE METAL DOOR, PAINT EXTERIOR SW7041, VAN DYKE BROWN (SEMI-GLOSS); PAINT INTERIOR SW6991, BLACK MAGIC (SEMI-GLOSS).
103A	C	6'-0"	7'-0"	1 3/4"	5/A5	4/A5	(3) PAIR HINGES, (2) BURNS PULL PLATES #5410-32D-26D-GRIP, (2) BURNS PUSH PLATES #54-US32D, (4) IVES KICK PLATES #8400-S32D-8X34 (2) STANLEY DOOR CLOSERS QDC311-689 (2) IVES 4" DOOR HOLDER #452B26D - IF NOT FIRE RATED WALL	FIRE RATED DOORS, SOLID CORE WOOD DOOR OR HOLLOW METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).
103B	E	6'-0"	7'-0"	1 3/4"	3/A5	2/A5	(3) PAIR HINGES, (1) VON DUPRIN GUARD-X EXIT ALARM LOCK #2670-28, (1) VON DUPRIN GUARD-X DOUBLE DOOR STRIKE #2609, (1) DETEX DOUBLE DOOR HOLDER #DDH-2250 TOP & BOTTOM, (2) STANLEY DOOR CLOSERS QDC311-689 (2) BURNS PULL PLATES #5410-32D-26D-GRIP, (1) 2" DOOR SCOPE #DS/1000MB, (2) 8" DOOR HOLDERS #608Z, (1) NATIONAL GUARD HD THRESHOLD #425 HD-6 FT., (2) DOOR SWEEPS, WEATHERSTRIPPING, (1) 7015SC8-26D RIM CYLINDER	HOLLOW CORE METAL DOOR, PAINT EXTERIOR SW7041, VAN DYKE BROWN (SEMI-GLOSS); PAINT INTERIOR SW6991, BLACK MAGIC (SEMI-GLOSS).
104	A	3'-0"	7'-0"	1 3/4"	5/A5	4/A5	(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #2, (1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-12B-26D	SOLID WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).
105	A	3'-0"	7'-0"	1 3/4"	5/A5	4/A5	(1-1/2) PAIR HINGES, (1) STANLEY STOREROOM LOCKSET QCL270-E-626-S4-SC-KD - KEY #2, (1) STANLEY DOOR CLOSER QDC311-689, (1) IVES WALL STOP #402-12B-26D	SOLID WOOD DOOR OR HOLLOW CORE METAL DOOR PAINTED SW6991, BLACK MAGIC (SEMI-GLOSS).
106A	F	6'-0"	7'-0"				BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RIM CYLINDER #7015SC8-26D.	21'-0" BI-PART WITH TRANSOM AND GLASS. BRONZE FINISH. REFER TO COVER SHEET FOR VENDOR INFORMATION.
106B	G	6'-0"	7'-0"				BY DOOR MANUFACTURER TO BE RE-KEYED BY DOLLAR GENERAL AREA MANAGER WITH (1) ILCO RIM CYLINDER #7015SC8-26D.	14'-0" BI-PART WITH TRANSOM AND GLASS. BRONZE FINISH. REFER TO COVER SHEET FOR VENDOR INFORMATION.

DOOR 103A-FIRE-RATED DOOR HARDWARE:
 (3) HINGES COMPATIBLE WITH FIRE RATING
 (2) SVR EXIT QED316-36"-7FT-689
 (1) EXIT TRIM QRT330-E-SC-KD-689
 (2) BURNS PULL PLATES #5410-32D-26D-GRIP
 (2) BURNS PUSH PLATES #54-US32D, (4) IVES KICK PLATES #8400-S32D-8X34
 (2) STANLEY DOOR CLOSERS QDC311-689.



04/25/17	ISSUED FOR REVIEW/PRICING
02/27/19	UPDATED PROTOTYPE
03/04/19	ISSUED FOR BUILDING PERMIT

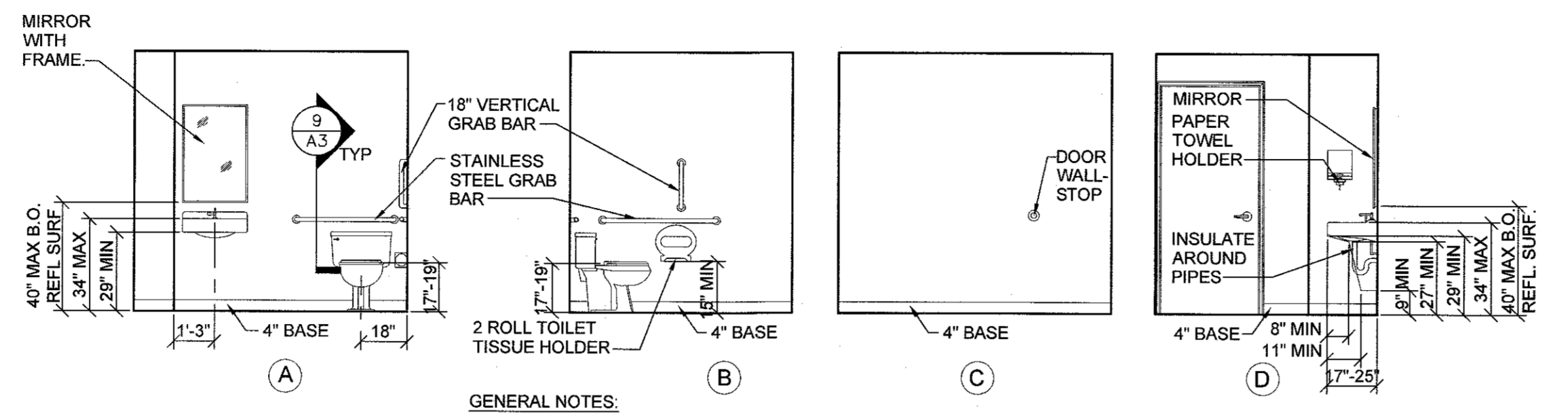
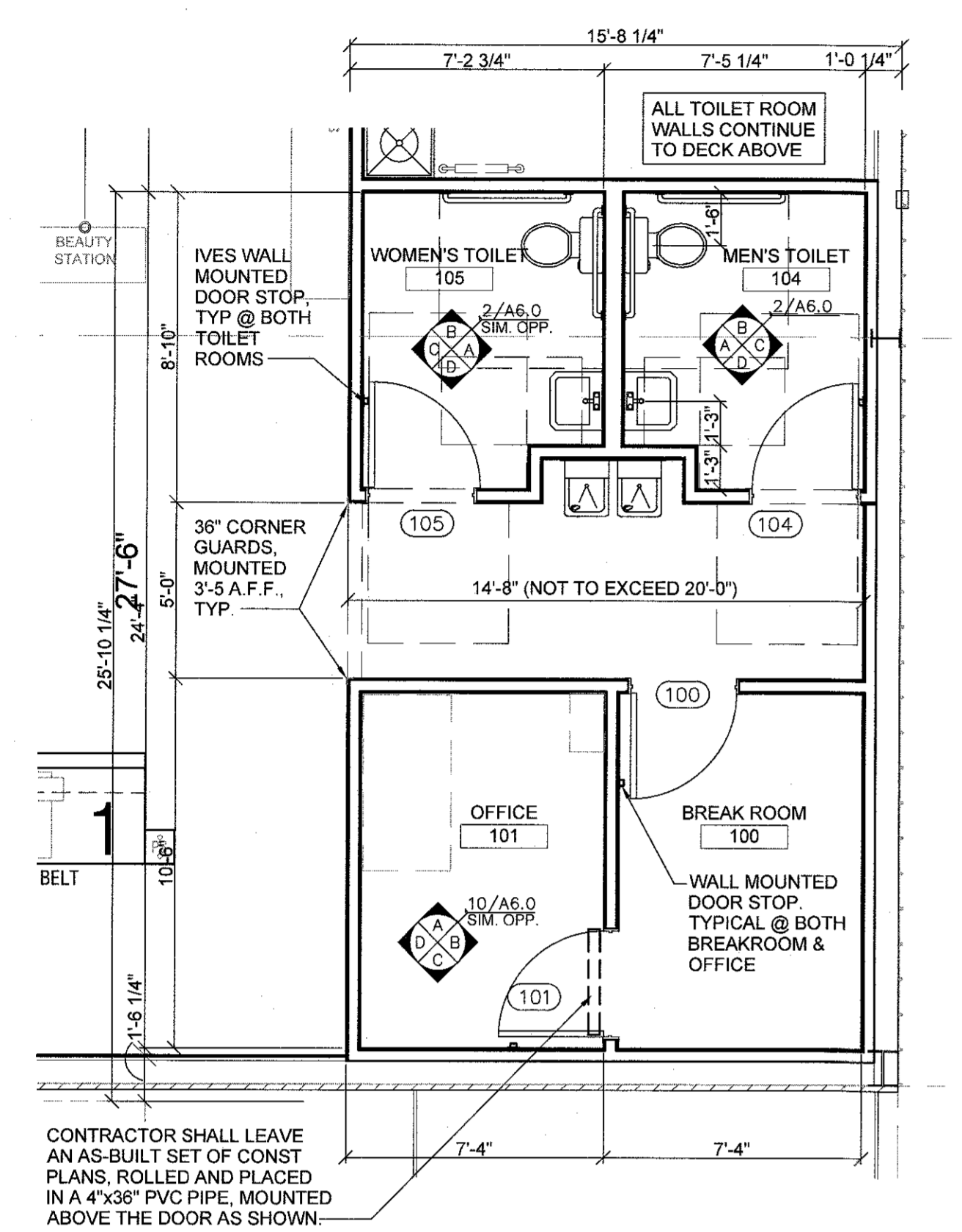
CONSULTANT

SEAL
 KEVIN J. PATON
 No. 04523
 STATE OF NEW HAMPSHIRE

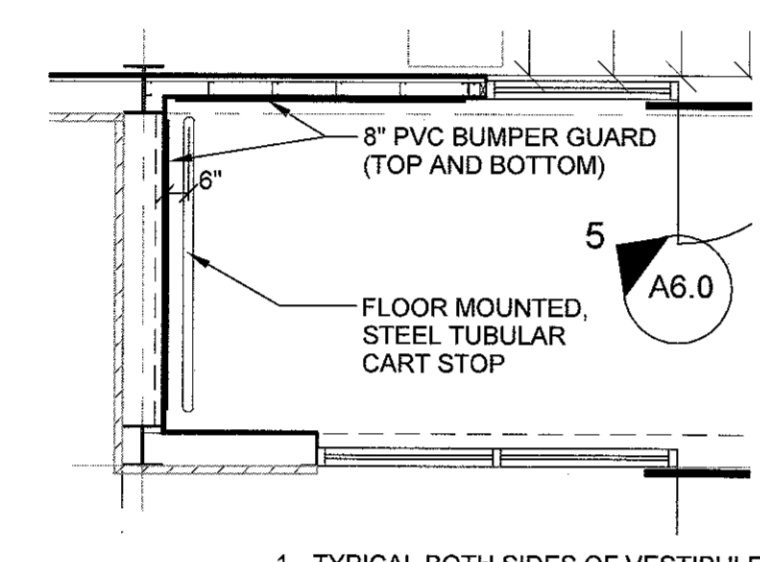
DOOR SCHED & DETAILS
 LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
 169 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: DSG
 Checked By:
 Job Number: 216111

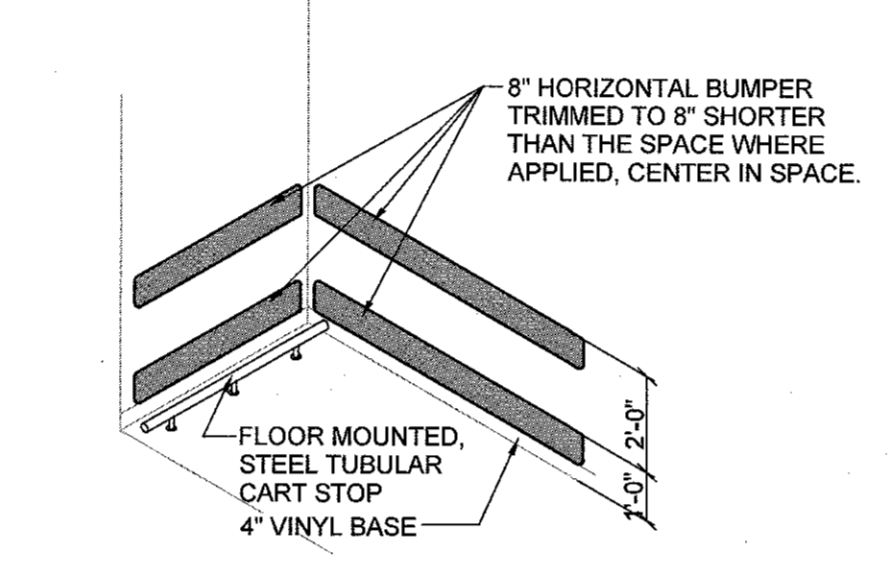
Drawing:
A5.0
 ISSUED FOR BUILDING PERMIT
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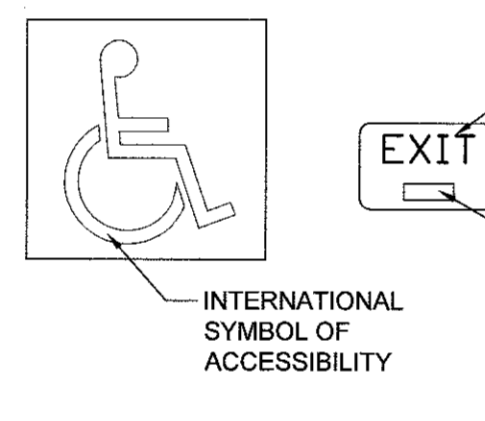
2 TOILET ROOM ELEVATIONS
 A6.0 SCALE: NTS (1/4" = 1'-0")



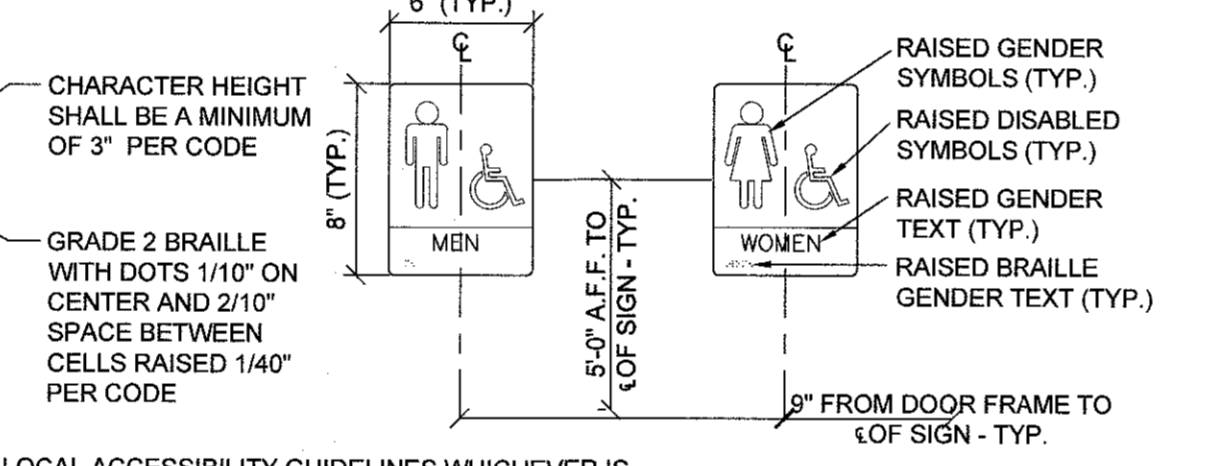
4 ENLARGED CART AREA
 A6.0 SCALE: NTS (1/4" = 1'-0")



5 CART AREA DETAIL
 A6.0 SCALE: NTS



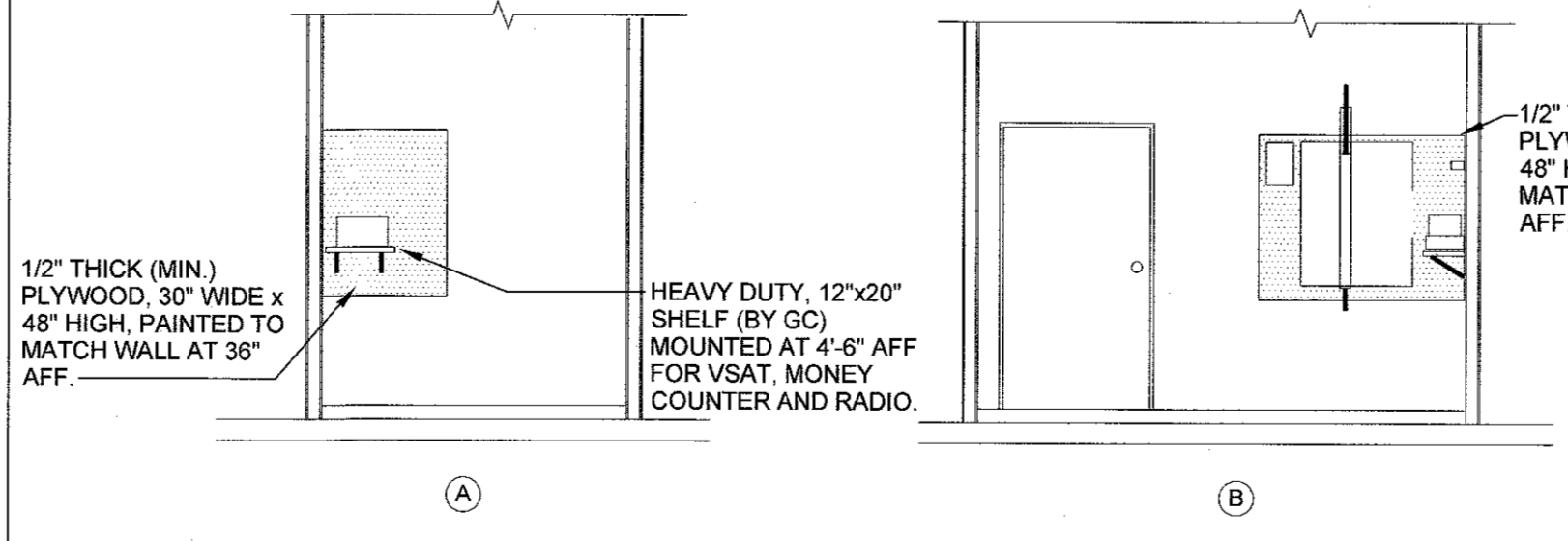
6 ACCESSIBLE SIGNAGE
 A6.0 SCALE: NTS (1 1/2" = 1'-0")



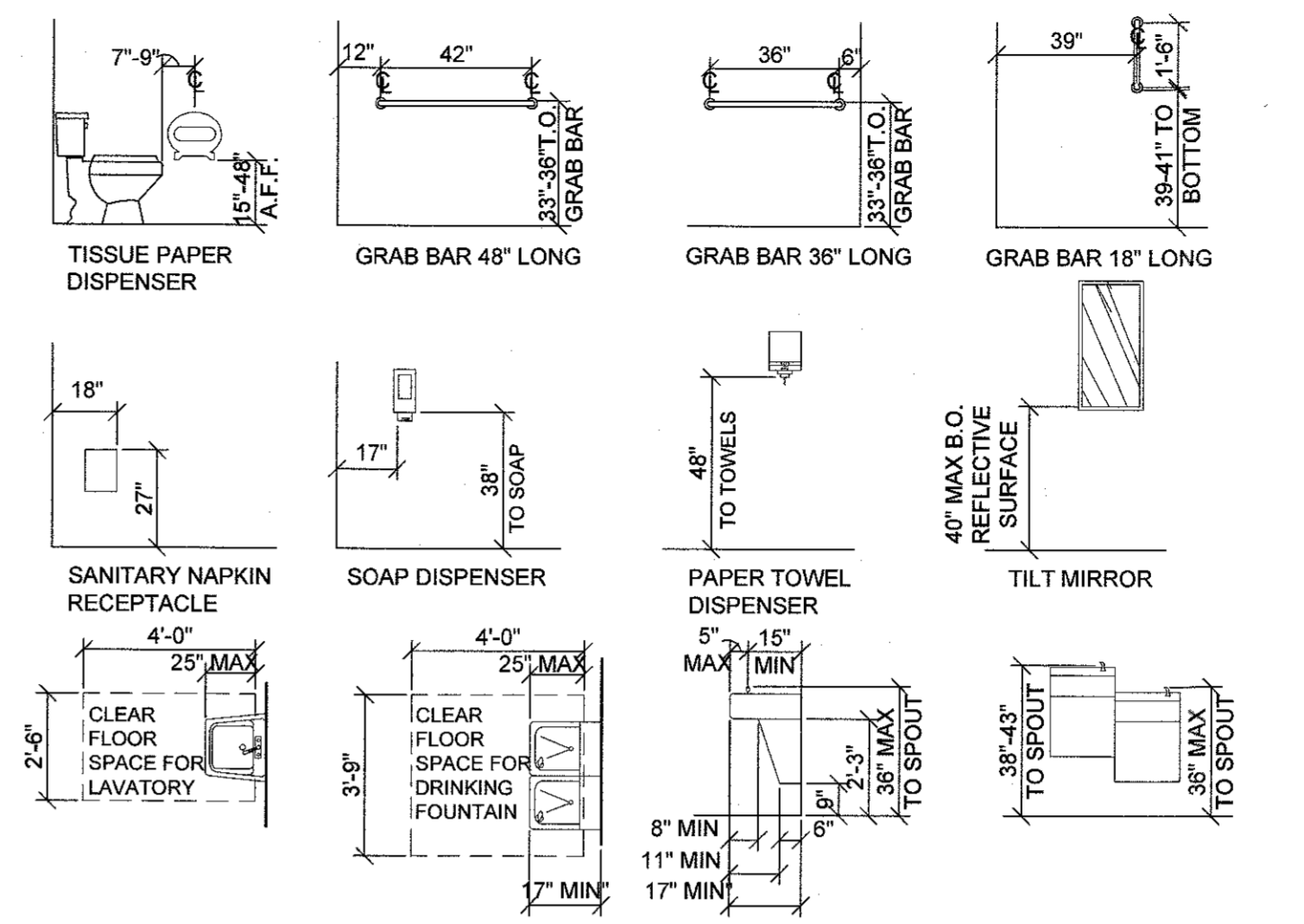
7 GRAB BAR DETAIL
 A6.0 SCALE: NTS (1 1/2" = 1'-0")

TOILET ROOM ACCESSORIES	
B2740	BOBRICK DOUBLE TOILET TISSUE DISPENSER
B253	BOBRICK PAPER TOWEL DISPENSER
A-24x36	GAMCO 24" x 36" ANGLE FRAME MIRROR
150Sx36	GAMCO 1 1/2" X 36" GRAB BAR
150Sx42	GAMCO 1 1/2" X 42" GRAB BAR
150Sx18	GAMCO 1 1/2" X 18" GRAB BAR
MS-1	GAMCO MOP HOLDER

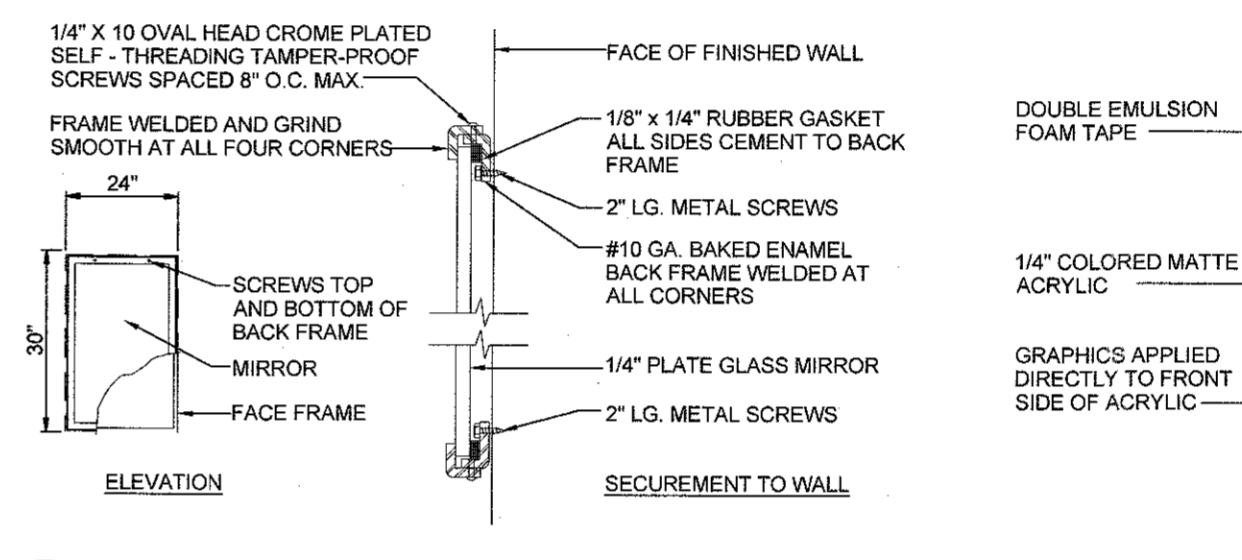
- TOILET ROOM NOTES:**
- ALL TOILET ROOM ACCESSORIES PROVIDED BY BASS SECURITY. REFER TO T01 FOR VENDOR CONTACT.
 - ALL STORES MUST INCLUDE 2 REST ROOMS, EVEN WHEN NOT REQUIRED BY CODE. ANY VARIATION MUST BE APPROVED, IN WRITING, BY THE DOLLAR GENERAL CONSTRUCTION DEPARTMENT.
 - RESTROOMS MUST COMPLY WITH ALL BUILDING (FEDERAL, STATE, AND LOCAL) FIRE, AND HEALTH DEPARTMENT CODES. ADA REQUIREMENTS MUST ALSO BE MET IN BOTH RESTROOMS. SOME CODES MAY REQUIRE ADDITIONAL TOILETS OR LAVATORIES. PLEASE CONTACT DOLLAR GENERAL CONSTRUCTION DEPARTMENT FOR ALTERNATE PLANS FOR THESE SITUATIONS.
 - PROVIDE AND INSTALL 2x3" MIRROR (OR LARGER IF REQUIRED BY CODE).
 - CONTRACTOR TO INSTALL SOAP DISPENSERS, TOILET PAPER HOLDERS, DOOR CLOSER, EXHAUST FANS, AND ALL BASS SECURITY PARTS IN BOTH RESTROOMS. PROVIDE SOLID BLOCKING IN WALL FOR SUPPORT.



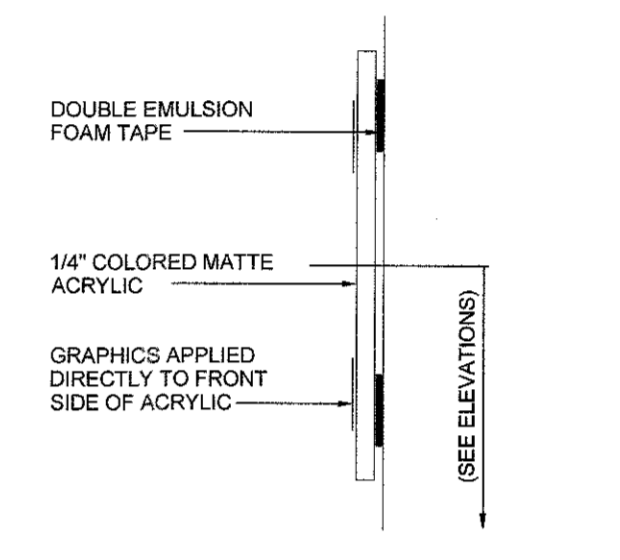
10 OFFICE ELEVATIONS
 A6.0 SCALE: NTS



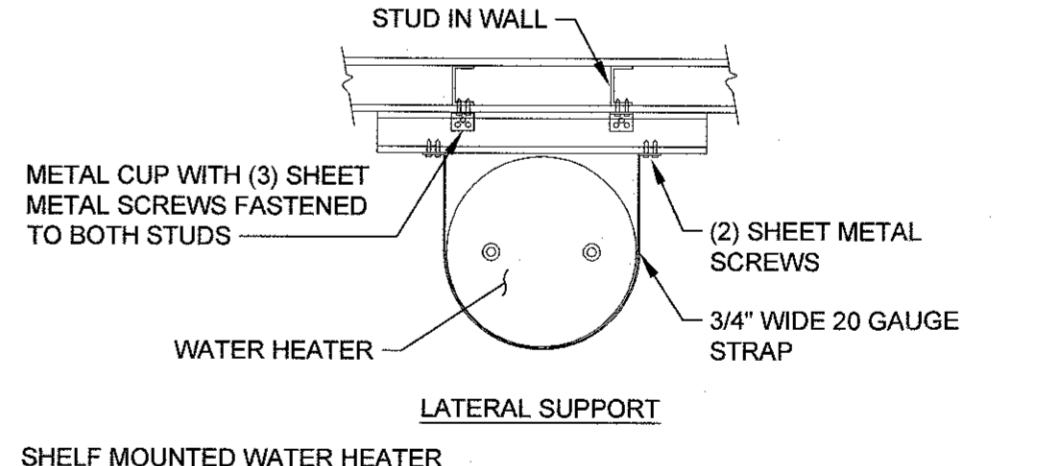
3 ACCESSIBILITY CLEARANCE/HEIGHTS
 A6.0 SCALE: NTS (1/4" = 1'-0")



8 MIRROR INSTALLATION
 A6.0 SCALE: NTS



9 SIGNAGE INSTALLATION
 A6.0 SCALE: NTS

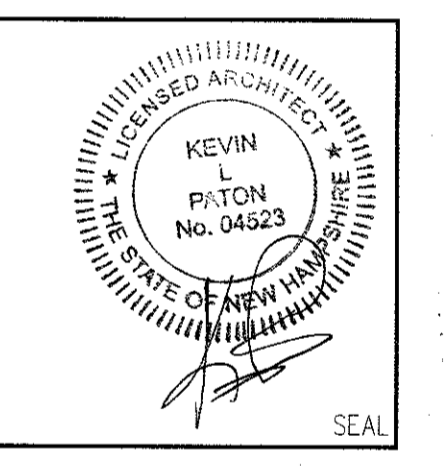


11 WATER HEATER SHELF DETAIL
 A6.0 SCALE: NTS

NOTE: ELEVATIONS SHOWN ARE FOR LEFT-HAND DELIVERY REVERSE FOR RIGHT-HAND DELIVERY ELEVATIONS

NO.	REVISION	DATE
1	ISSUED FOR REVIEW/PRICING	04/25/17
2	UPDATED PROTOTYPE	02/27/19
3	ISSUED FOR BUILDING PERMIT	03/04/19

CONSULTANT



TLT RM PLAN & DETAILS
 LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
 169 KING ST (N H RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: DSG
 Checked By:
 Job Number: 216111

Drawing:
A6.0
 ISSUED FOR BUILDING PERMIT
 NOT ISSUED FOR CONSTRUCTION

- SIGN SPECIFICATIONS**
1. BUILDING SIGNS: PROVIDE CONDUIT AND WIRE FROM ELECTRICAL PANEL TO THE SIGN CANOPY. THE CONDUIT IS TO BE 1" AND HAVE ONE SET OF 10/2 WIRE WITH GROUND. BUILDING CANOPY MUST BE SUFFICIENTLY BUILT TO SUPPORT THE DOLLAR GENERAL SIGN OF UP TO 1400 LBS. NOTE: IF THE LEASE SPECIFIES A 5'-0" X 40'-0" BUILDING SIGN OR 24" LETTER SET (OR LARGER), 2 qty. - 10/2 WIRE WITH GROUND.
 2. PYLON SIGNS: PROVIDE CONDUIT FROM ELECTRICAL PANEL TO LOCATION OF THE PYLON SIGN BASE. BURY CONDUIT UNDER PARKING AREA. THE CONDUIT IS TO BE 1" AND HAVE ONE SET OF 10/2 WIRE WITH GROUND.
 3. FINAL ELECTRICAL CONNECTIONS FOR SIGN SHALL BE THE SIGN VENDORS RESPONSIBILITY SINCE THE 'J' BOX AND WIRES ARE IN PLACE.
 4. SEE CHART ABOVE FOR SIGN SPECIFICATIONS.
 5. SEE SHEET A8 FOR SIGN BRACING DETAILS.
 6. PYLON SIGN CABINETS TO CLEAR 15' FROM GRADE AND EDGE SHALL BE LOCATED NO CLOSER THAN 10' TO ANY OVERHEAD UTILITY LINES.

Building Signs				
Sign Size	Sign Weight	# Of Circuits	Amps Voltage	
3' x 29' box	380 lbs	(1) 15 A	2.5	115
3' x 25' box	441 lbs	(1) 15 A	5	115
4'-6" x 35'-3" box	750 lbs	(3) 15 A	8.4	115
5' x 40' box	1220 lbs	(1) 15 A	10	115

Building Letters				
Sign Size	Sign Weight	# Of Circuits	Amps Voltage	
18"	215 lbs	(2) 15 A	19.6	115
24"	288 lbs	(1) 15 A & (1) 20 A	23.4	115
30"	387 lbs	(2) 20 A	28	115
36"	649 lbs	(2) 15 A & (1) 20 A	32.8	115

Pylon Signs				
Sign Size	Sign Weight	# Of Circuits	Amps Voltage	
4' x 8'	380 lbs	(1) 15 A	1.7	115
6' x 10'	375 lbs	(1) 15 A	3.4	115
6' x 18'	738 lbs	(1) 15 A	5	115

04/25/17	ISSUED FOR REVIEW/PRICING
02/27/19	UPDATED PROTOTYPE
03/04/19	ISSUED FOR BUILDING PERMIT

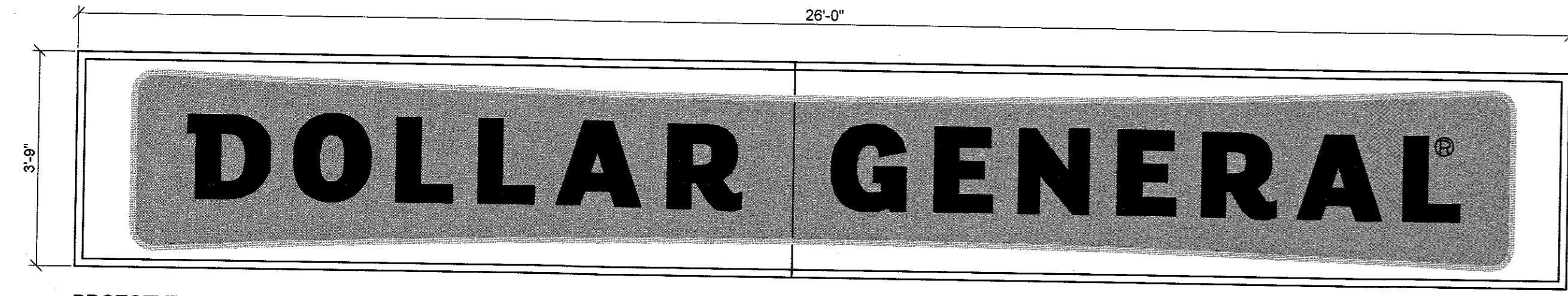
CONSULTANT

KEVIN PATON
No. 04523
REGISTERED ARCHITECT
STATE OF NEW HAMPSHIRE

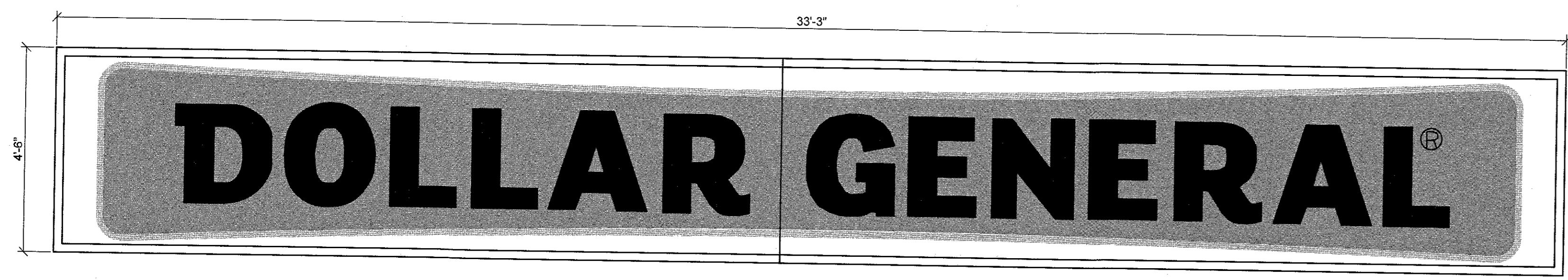
SIGN DETAILS
LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCAWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: DSG
Checked By:
Job Number: 216111

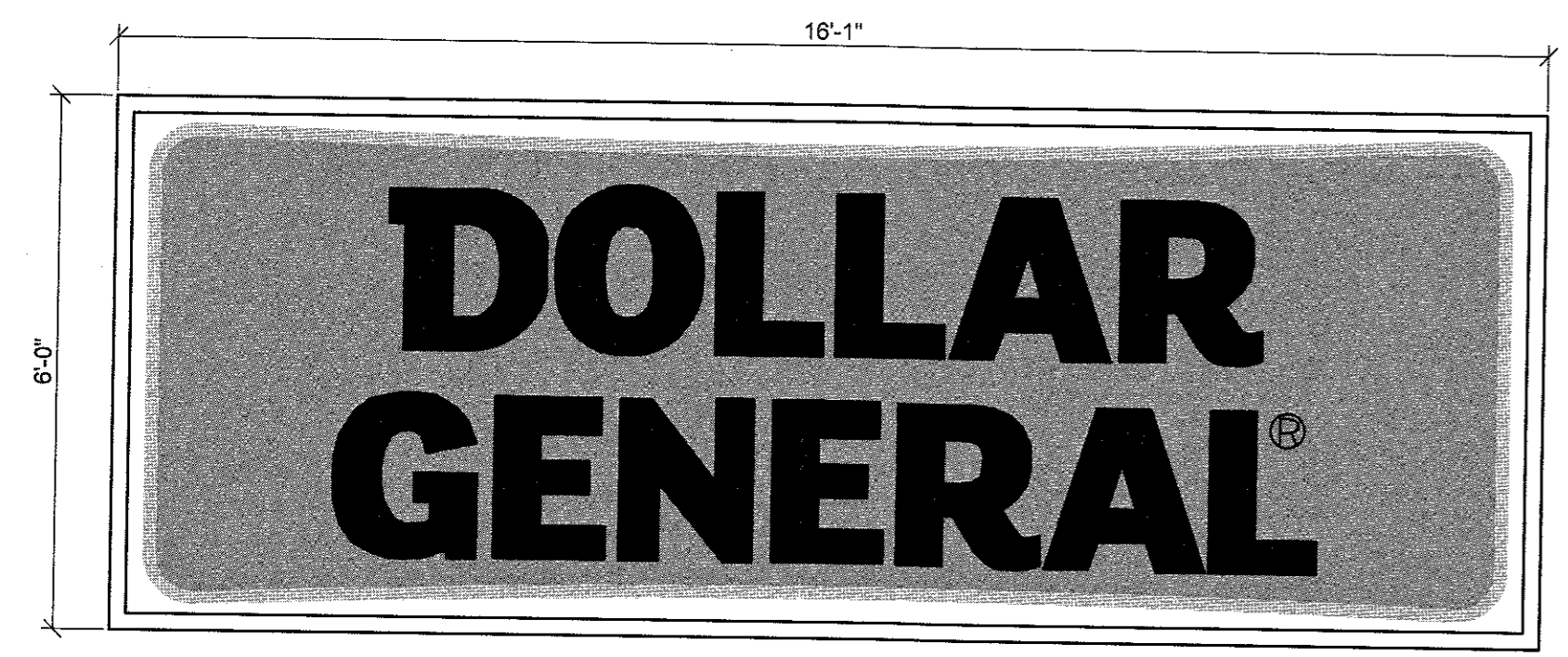
Drawing:
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ISSUED FOR BUILDING PERMIT
NOT ISSUED FOR CONSTRUCTION



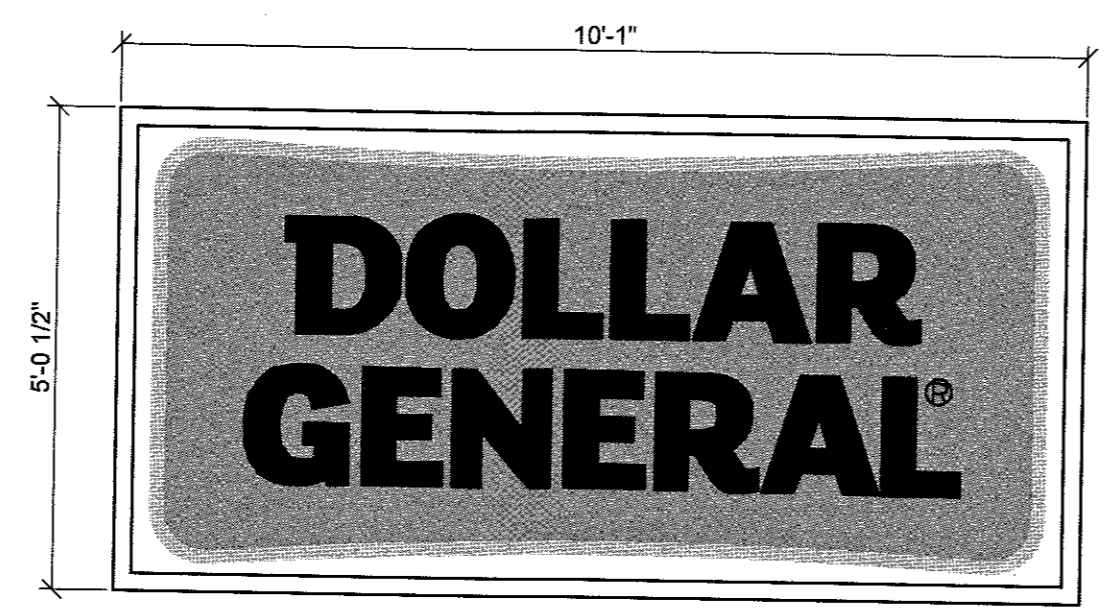
PROTOTYPICAL MAIN BUILDING SIGN



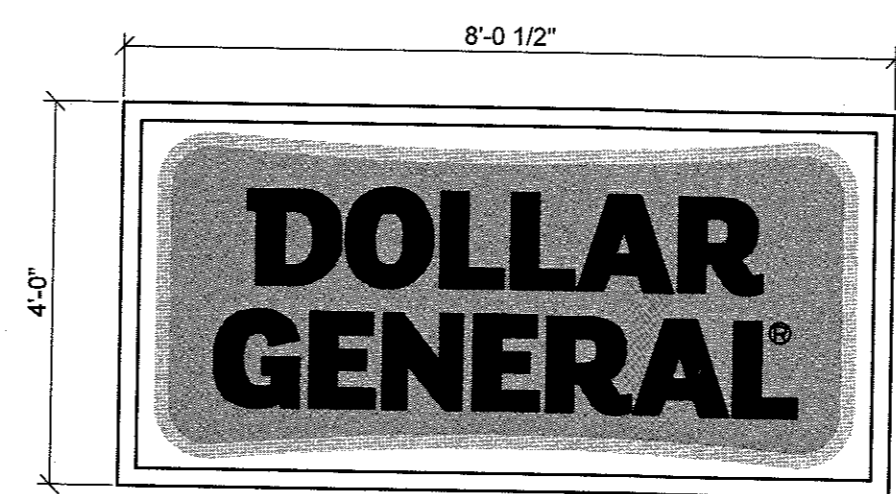
THIS SIGN IS TO BE PROVIDED AND INSTALLED BY THE DEVELOPER OR CONTRACTOR AT THE BEGINNING OF CONSTRUCTION PROJECT.



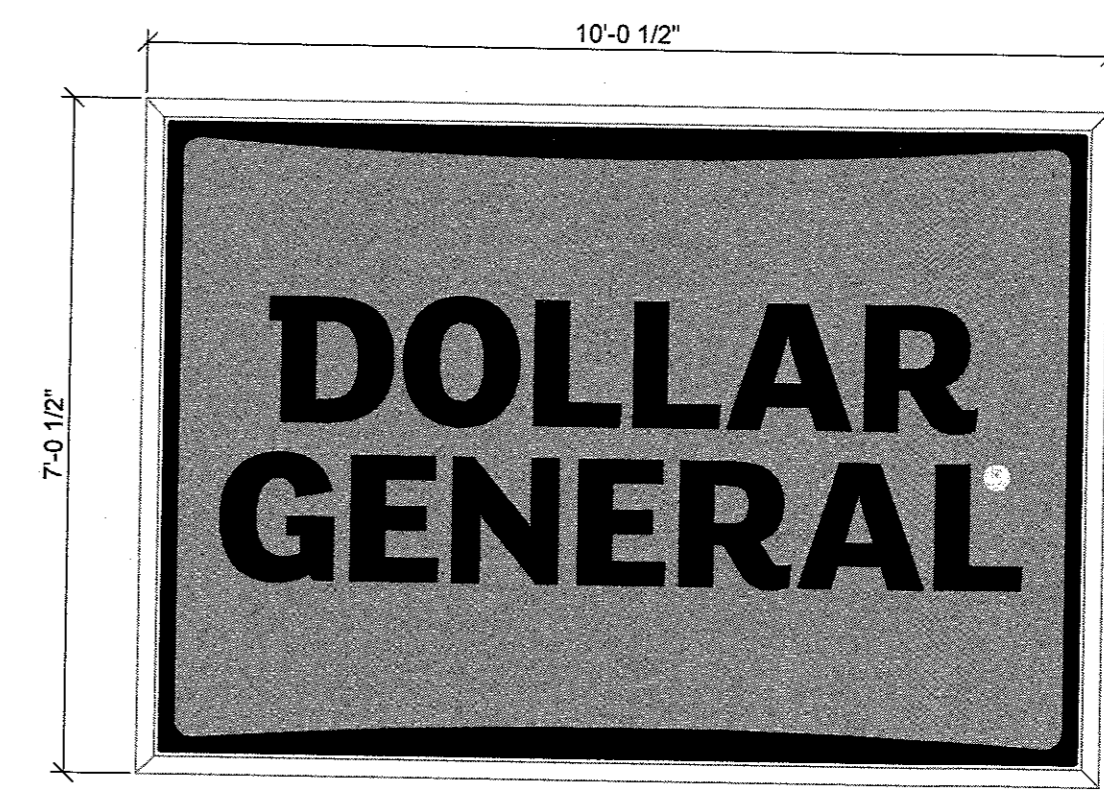
THIS IS THE PRIMARY PYLON SIGN FOR ALL LOCATIONS.



THIS SIGN IS FOR SPECIALTY USE ONLY.



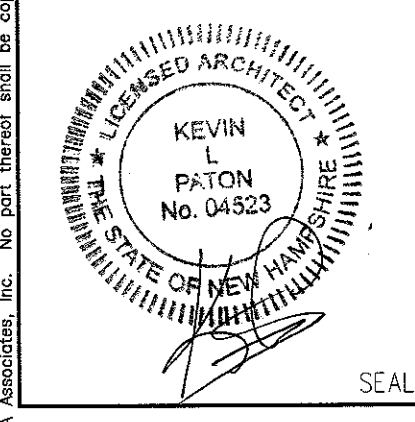
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 02/21/19
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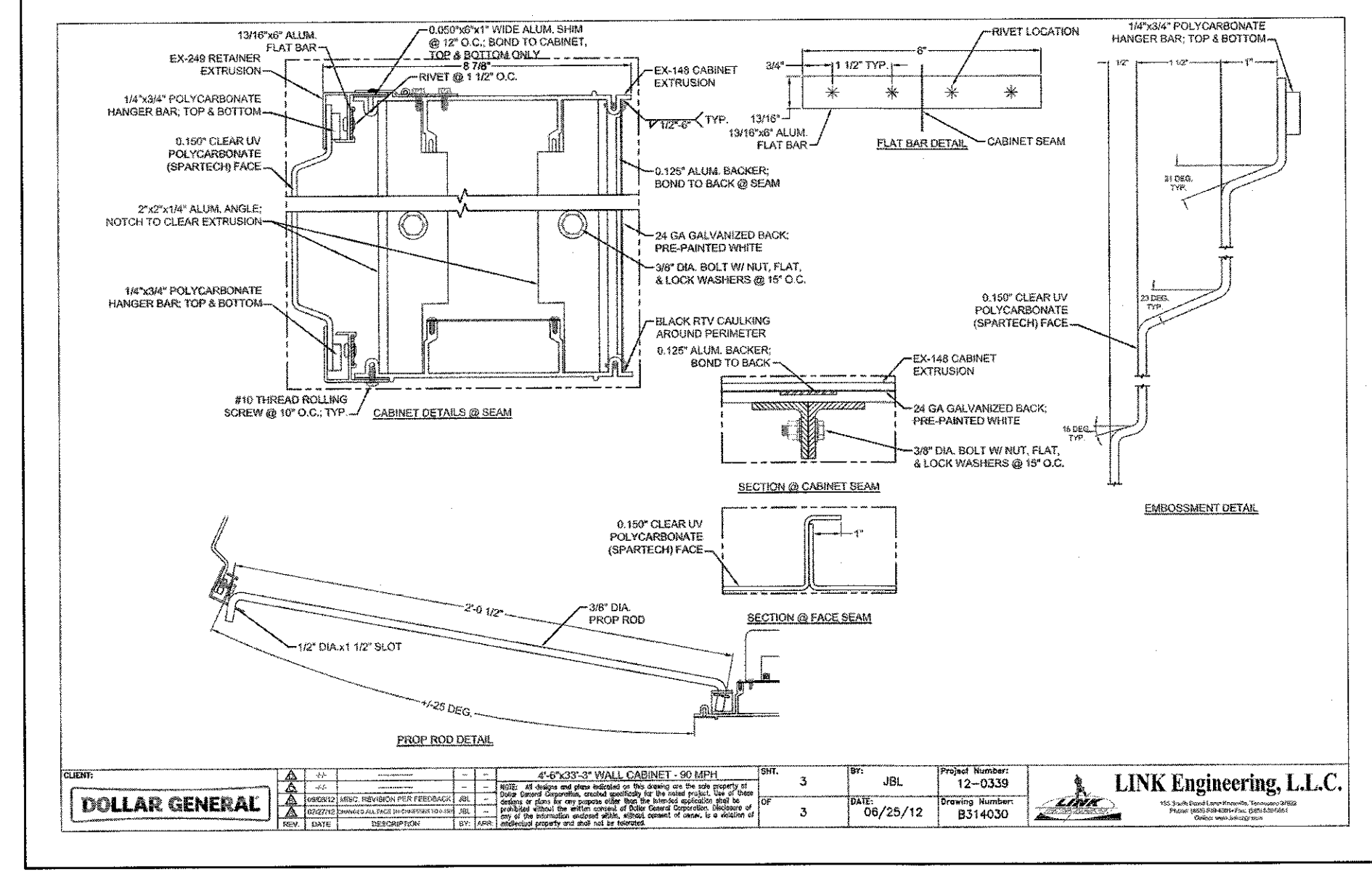
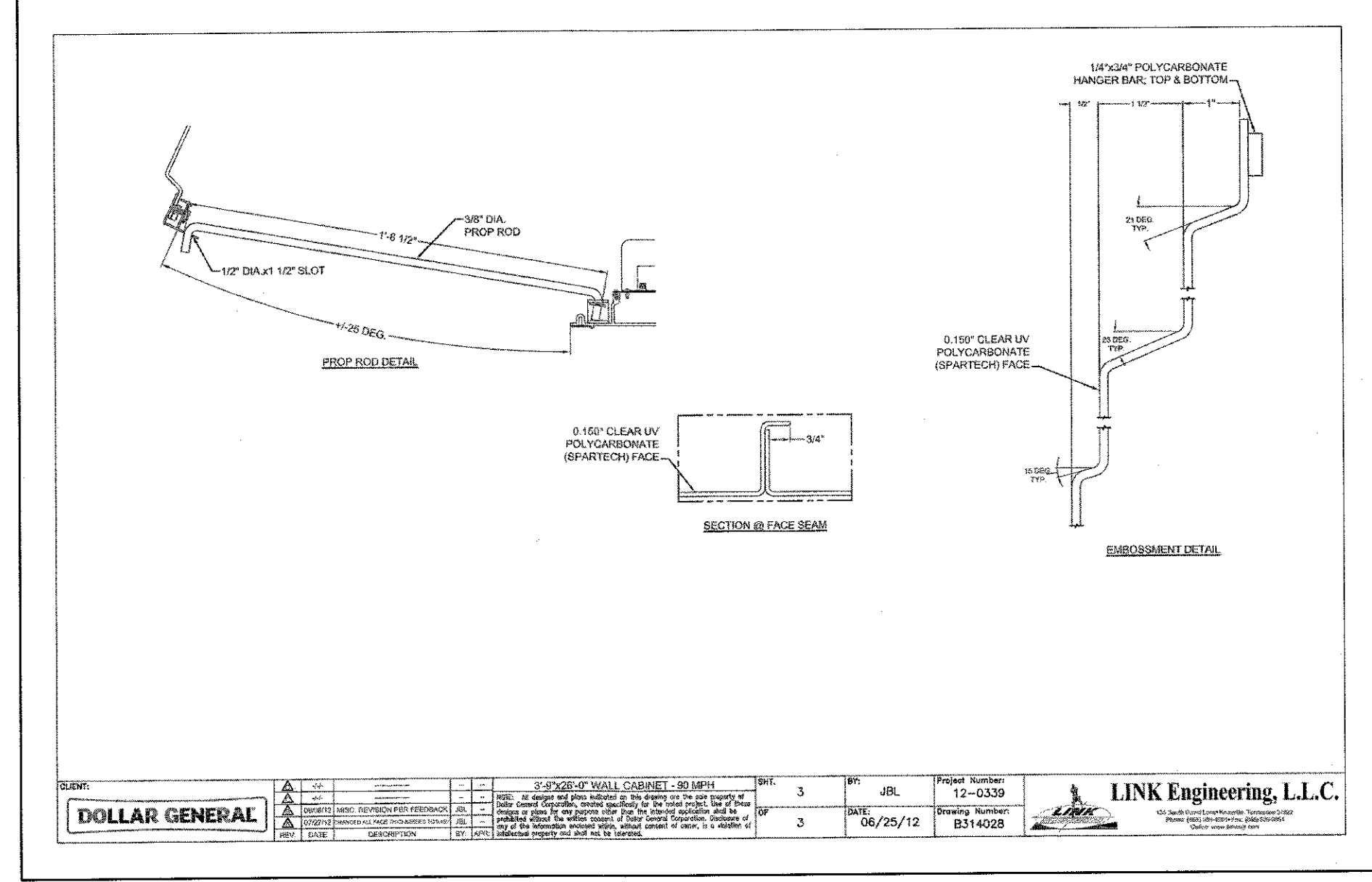
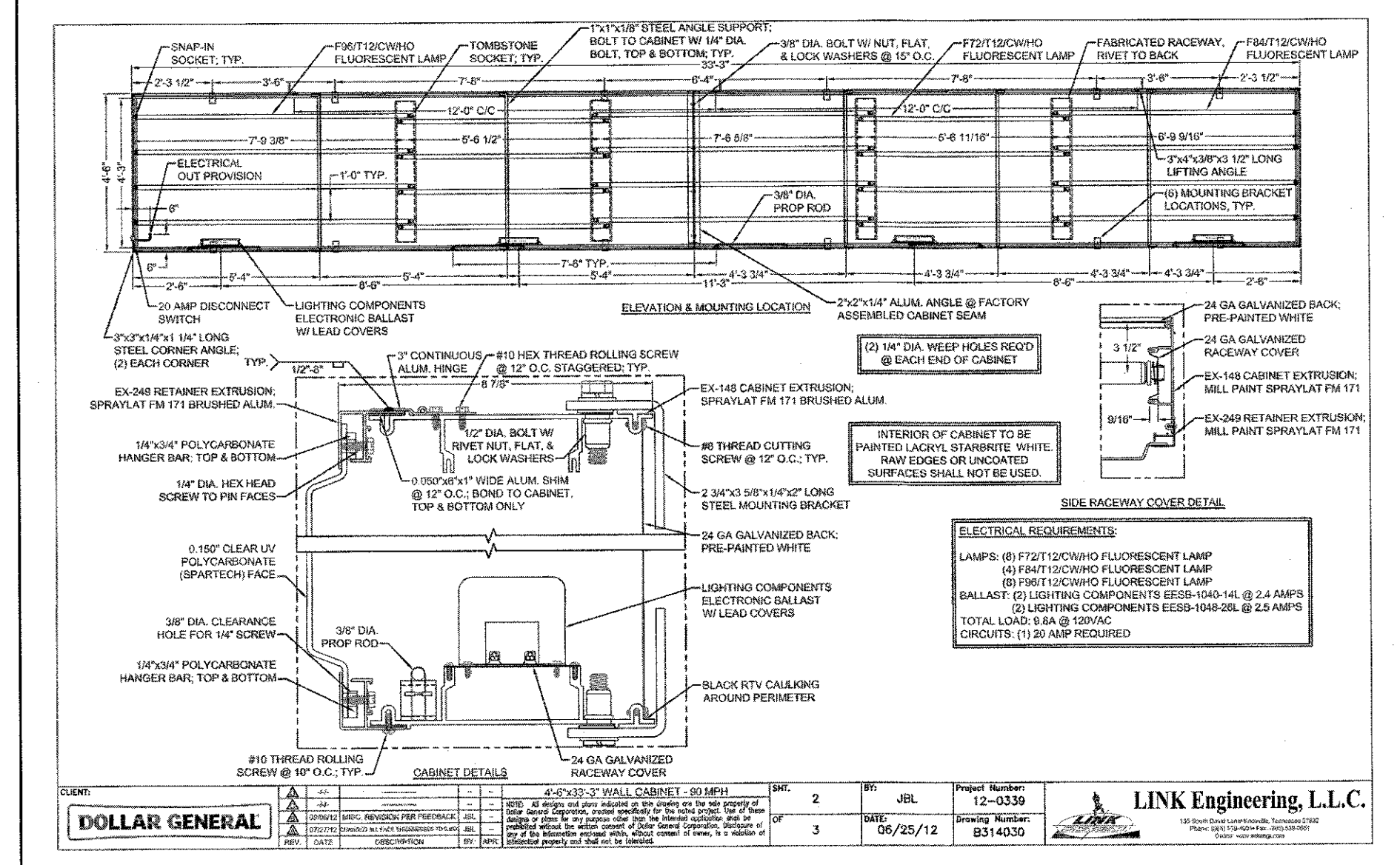
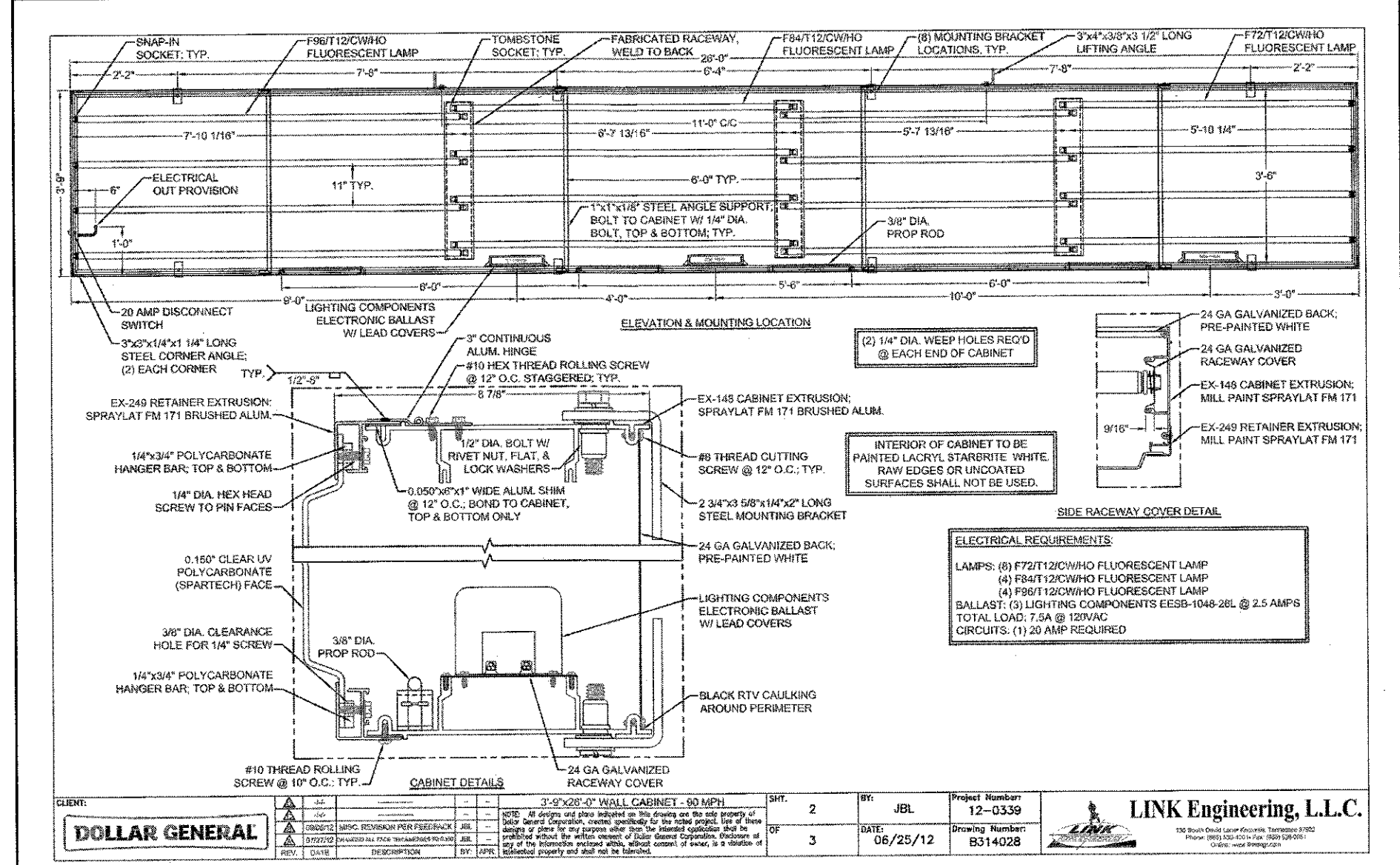
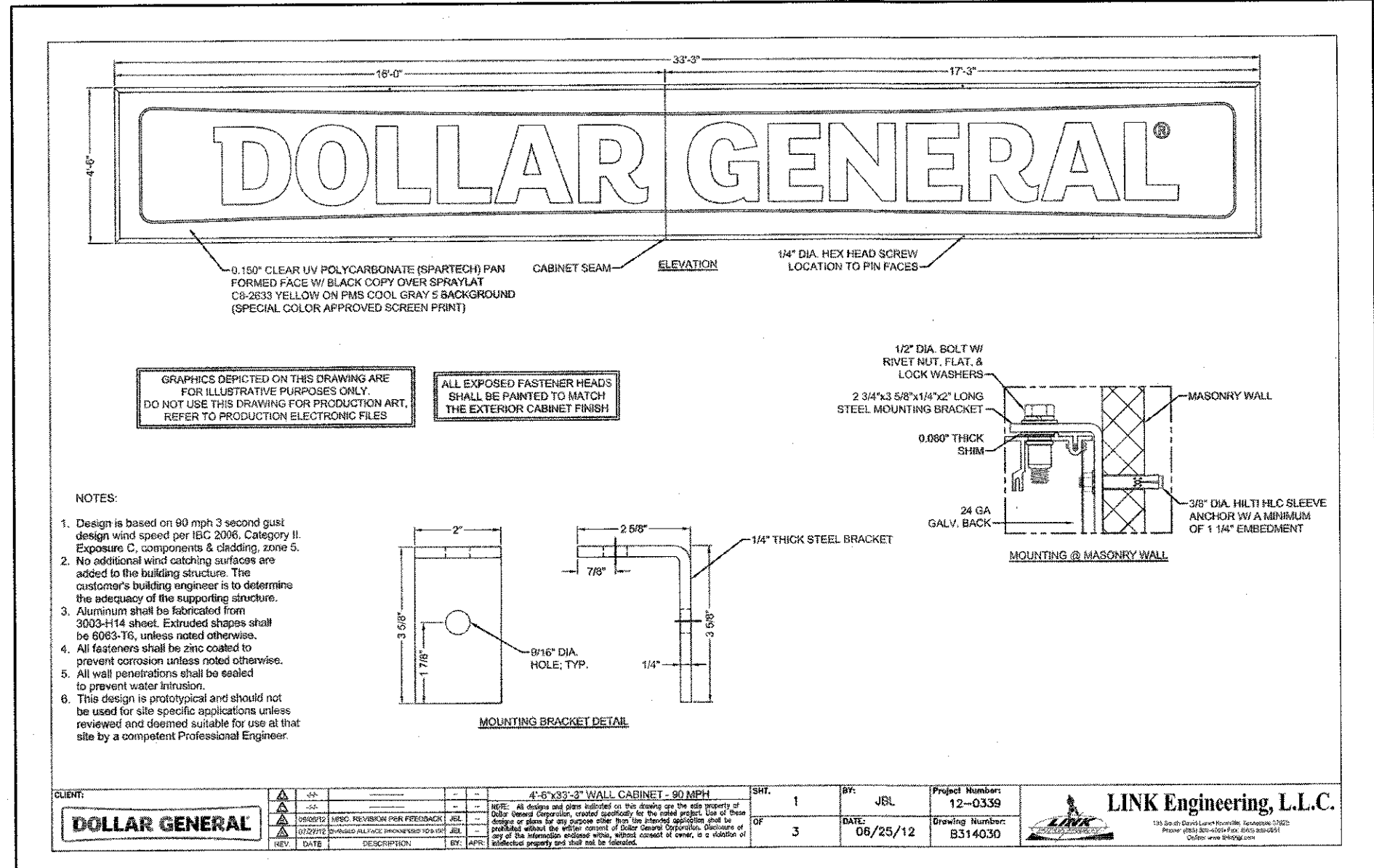
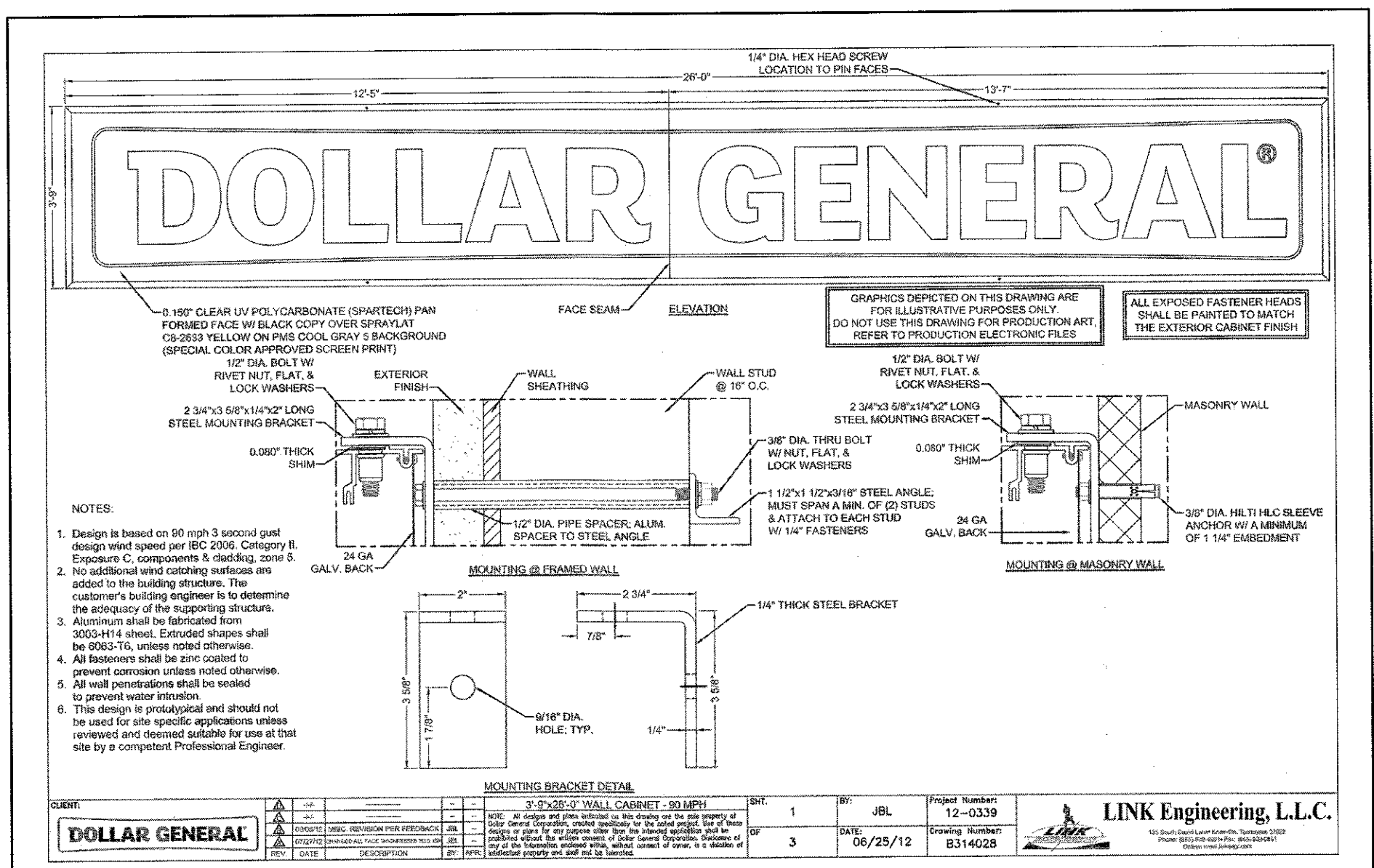


LISCOTTI DEVELOPMENT
DOLLAR GENERAL
 169 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: DSG
 Checked By:
 Job Number: 216111

Drawing:
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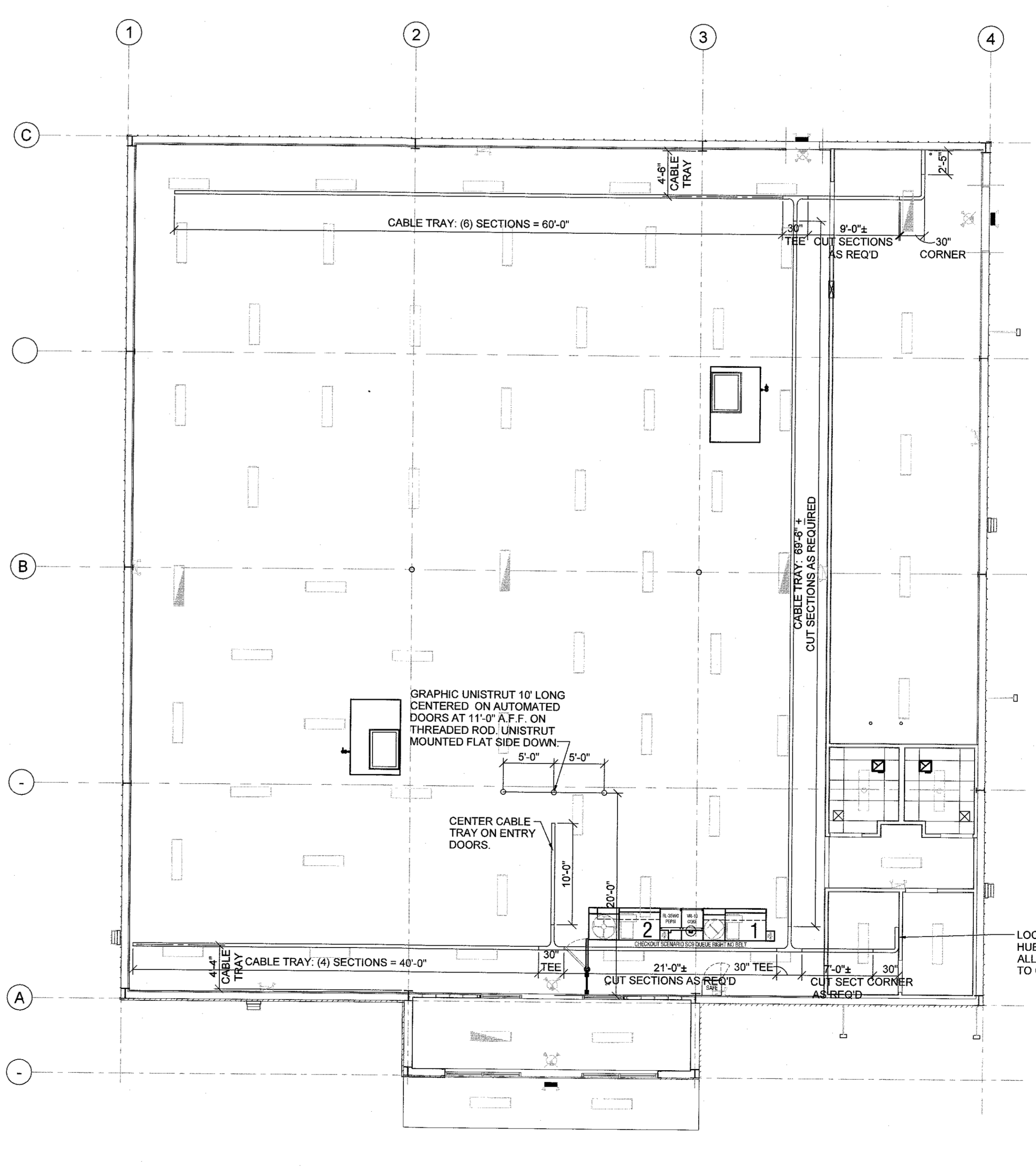
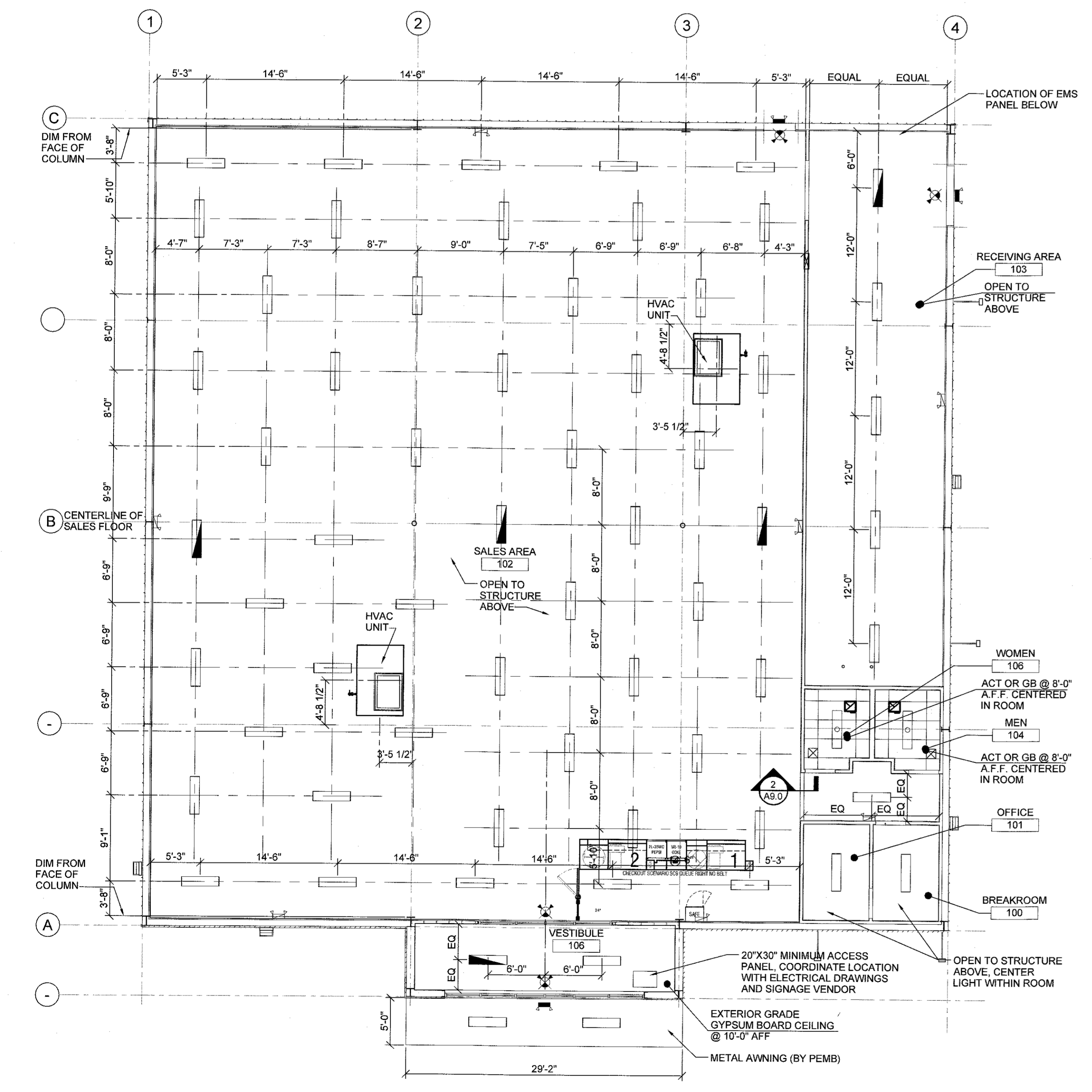
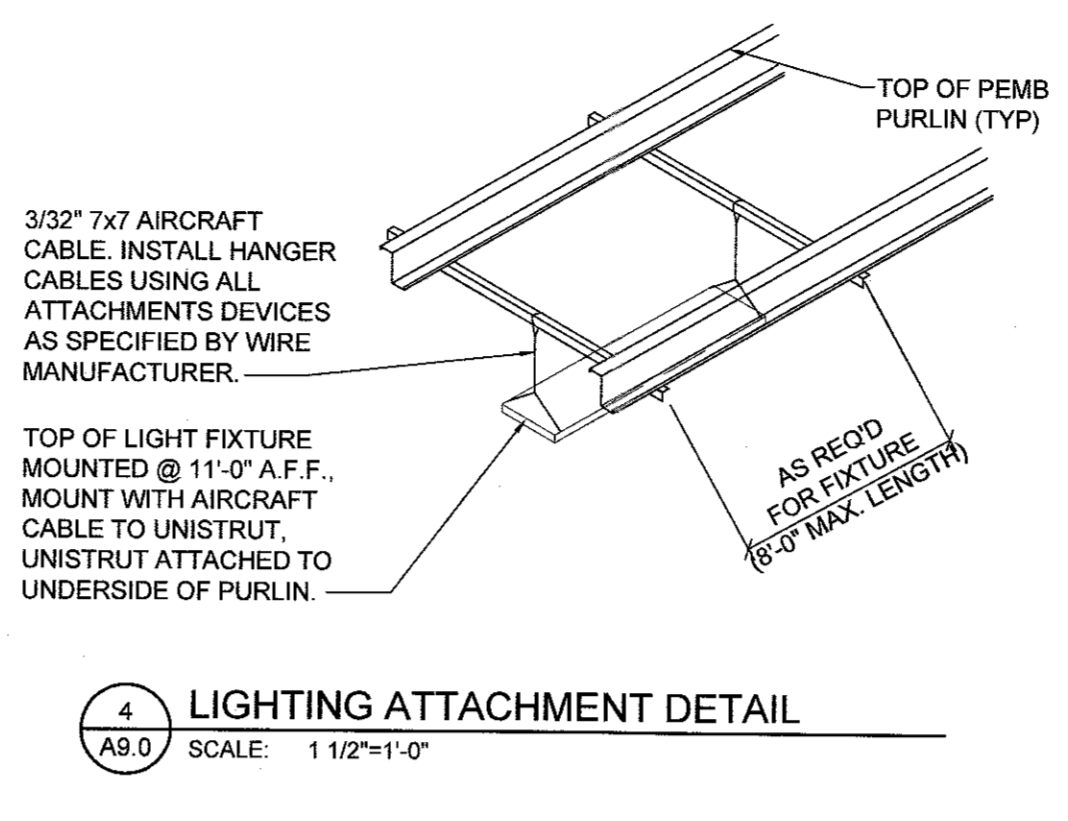
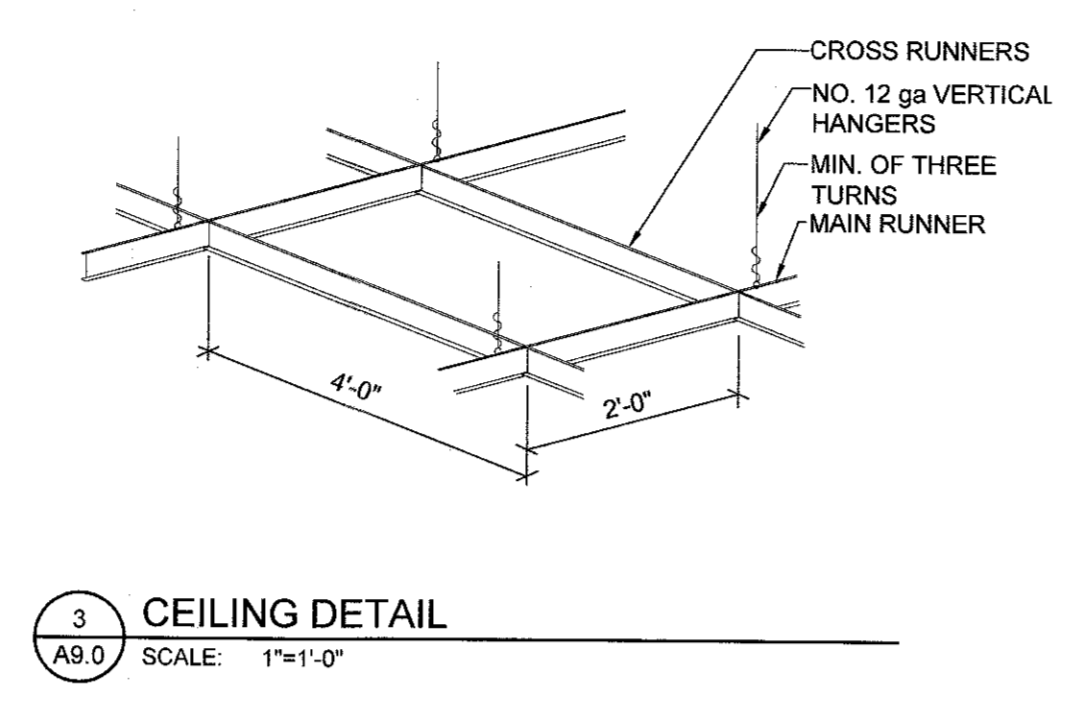
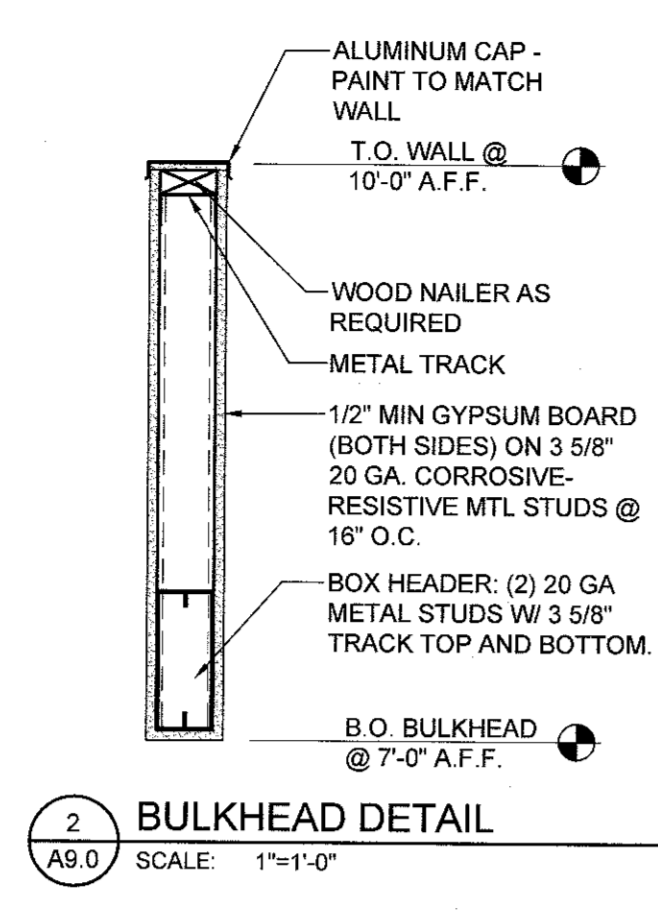
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1 SIGNAGE BRACING DETAILS
 A8.0 SCALE: NTS (1/2"=1'-0")

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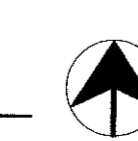
LEGEND		REFLECTED CEILING PLAN NOTES
8'-0" STRIP LIGHT	WALL PACK	1. ALL LIGHTS TO BE MOUNTED SUCH THAT THE TOP OF THE FIXTURES ARE AT 11'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. 2. CABLE TRAY TO BE MOUNTED SUCH THAT BOTTOM OF TRAY IS AT 11'-6" A.F.F. 3. CABLE TRAY SYSTEM TO BE INSTALLED USING FULL LENGTHS WITH MINIMAL CUTTING OF SECTIONS. AREAS WHERE CUTTING MAY BE REQUIRED ARE AS NOTED ON THE PLAN.
4'-0" STRIP LIGHT	EXHAUST FAN	
NIGHT LIGHT	TRANSFER GRILLE	
EMERGENCY LIGHT	EXT. LED LIGHT AND EXT ARM	
EMERGENCY LIGHT & EXIT COMBO		



1A REFLECTED CEILING PLAN (RIGHT SIDE DELIVERY)
A9.0 SCALE: 1/8"=1'-0"



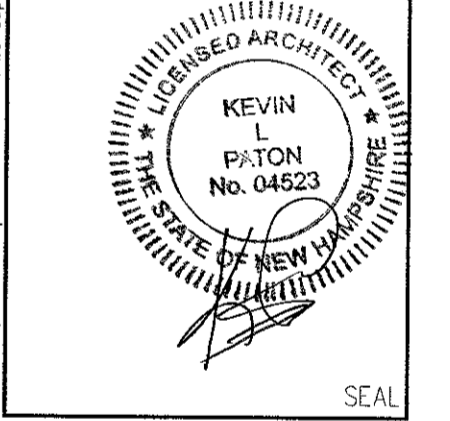
1B CABLE TRAY AND UNISTRUT PLAN (RIGHT SIDE DELIVERY)
A9.0 SCALE: 1/8"=1'-0"



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 Boston + Brockton
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 Brockton, MA 02302
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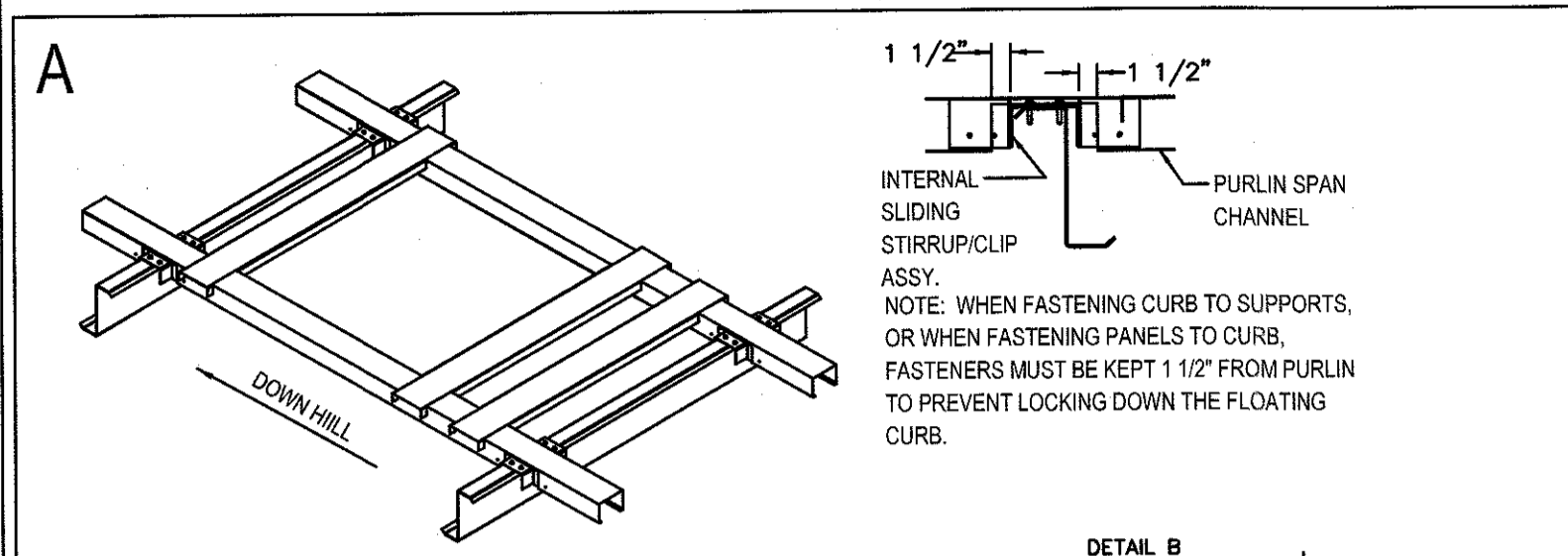
REFLECTED CEILING PLAN
 LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
 169 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: DSG
 Checked By:
 Job Number: 216111

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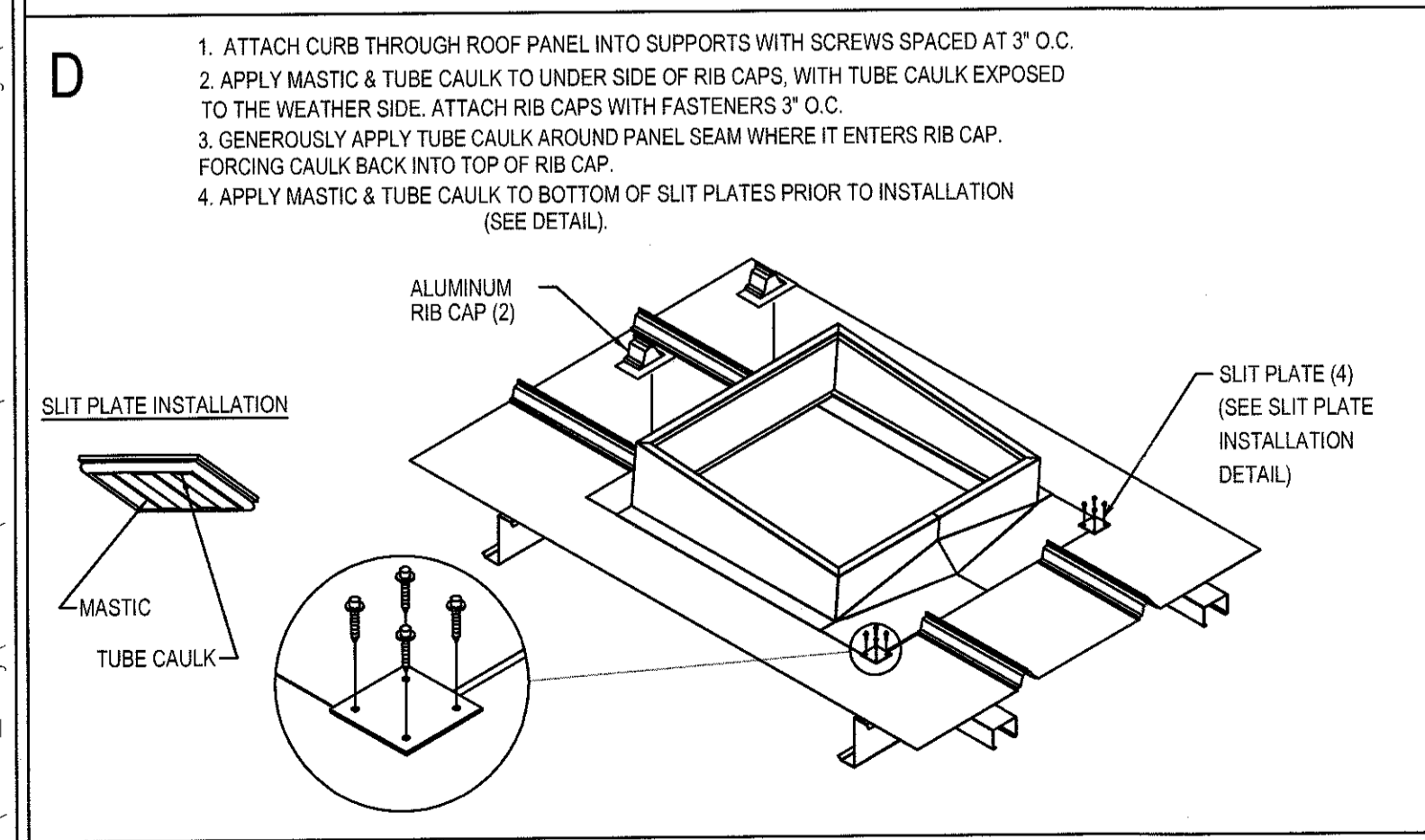
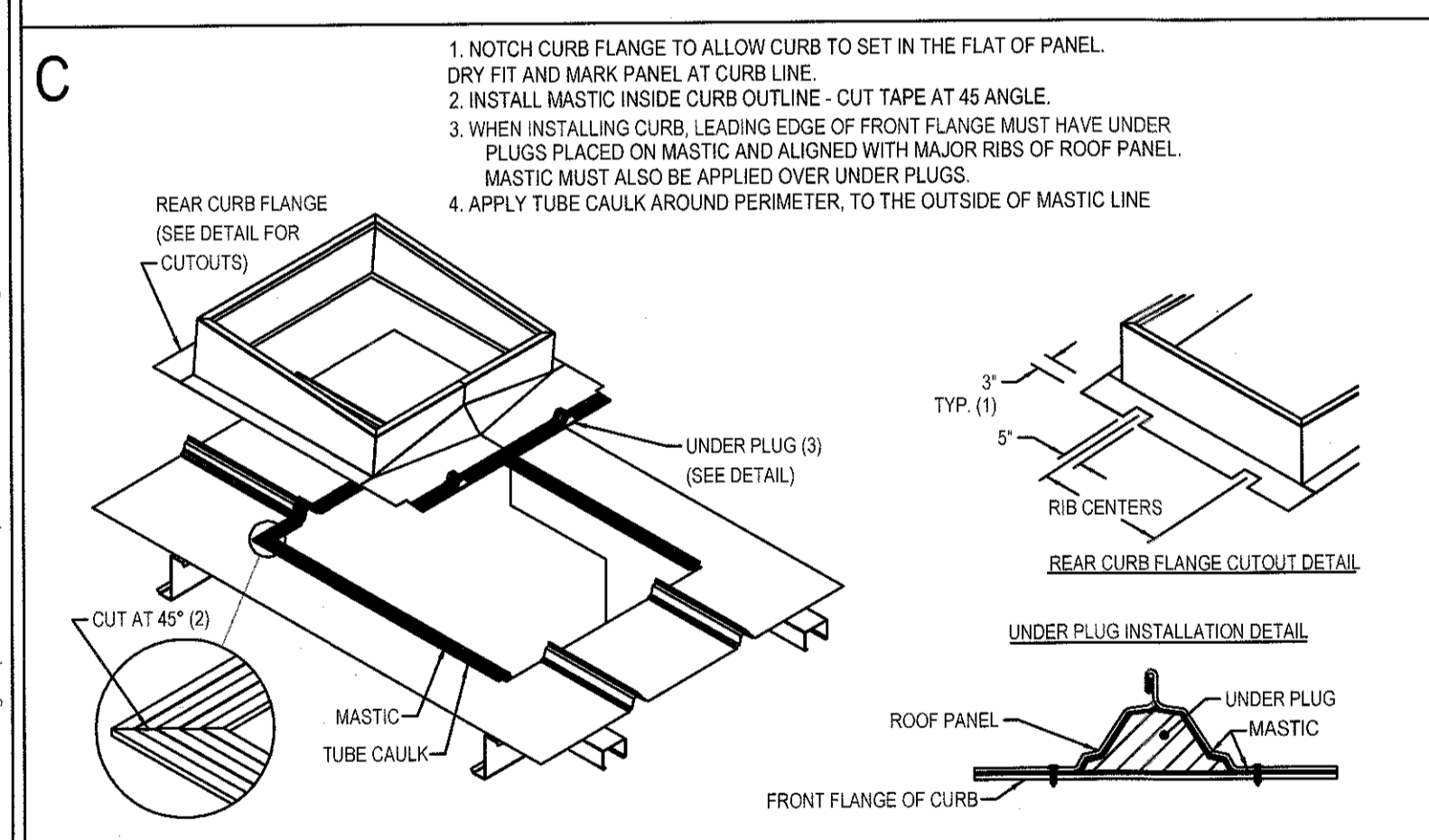
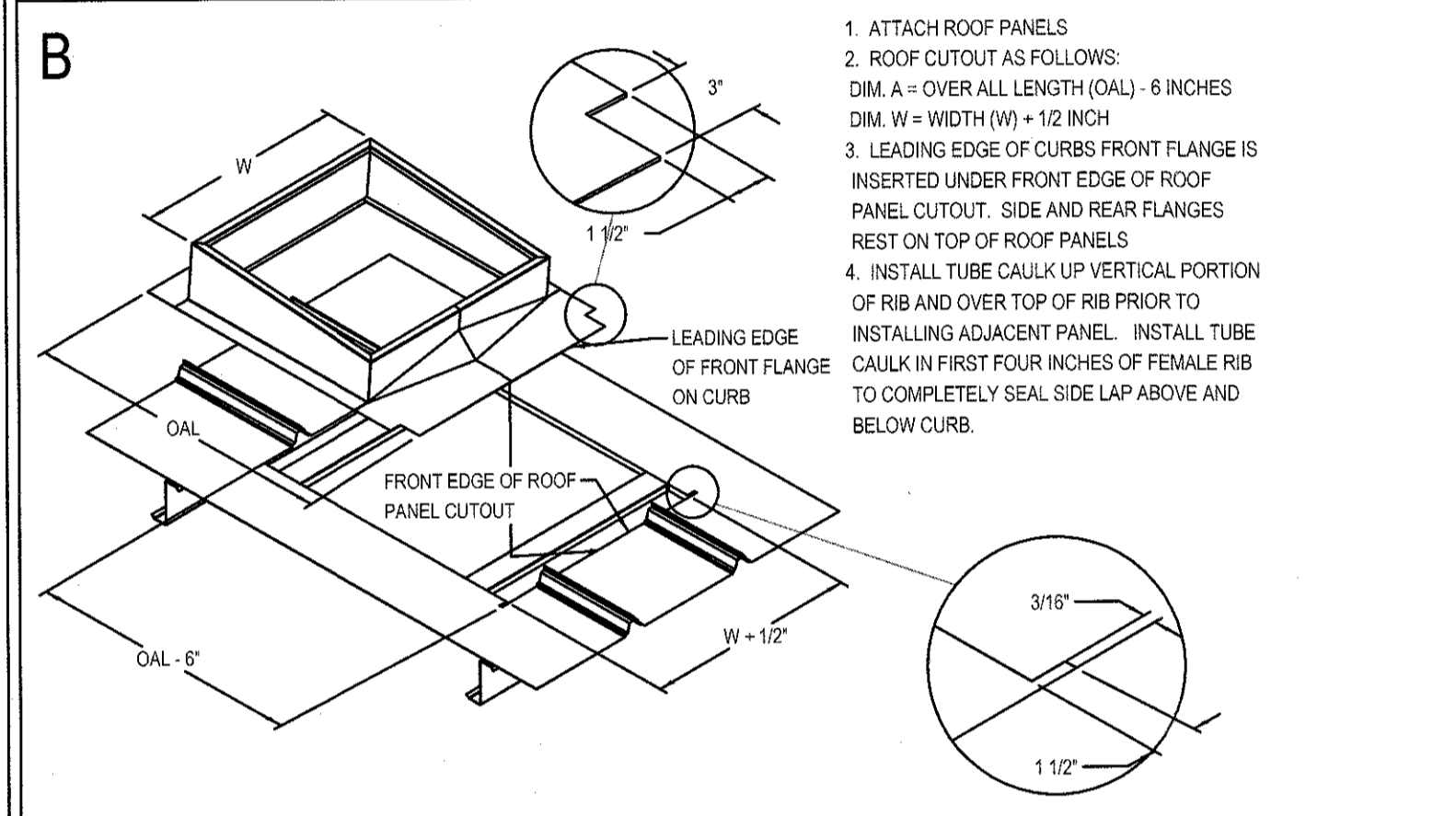
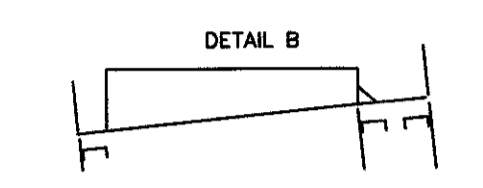
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INSTALLATION INSTRUCTIONS:

1. SET PURLIN SPAN CHANNEL MEMBERS TO ALIGN UNDER THE FLAT OF ROOF PANEL.
2. PLACE CROSS CHANNELS OVER PURLIN SPAN CHANNELS, ADJUST SPACING TO CURB SIZE.
3. AFTER SUPPORT SYSTEM IS IN PLACE, CHECK FRAME OPENING TO CURB I.D. INSERT FOUR ROOF CLIP FASTENERS INTO EACH STIRRUP AS SHOWN ON DRAWING.
4. MANUFACTURER RECOMMENDS INSTALLER PROCEED WITH INSTALLATION OF THE CURB AT THIS TIME.



PRE-ENGINEERED METAL BUILDING NOTES

METAL BUILDING NOTES:

1. THE PRE-MANUFACTURED METAL BUILDING STRUCTURE, CONCRETE FOUNDATION, AND INTERIOR CONCRETE SLAB SHALL BE DESIGNED, DETAILED, FABRICATED, AND CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND REGULATIONS. THE MOST STRINGENT REQUIREMENTS APPLY WHERE INCONSISTENCIES OCCUR BETWEEN THE APPLICABLE STANDARDS. IN THE ABSENCE OF OTHER CRITERIA, LOADINGS SHALL CONFORM TO THE MOST RECENT EDITION OF THE INTERNATIONAL BUILDING CODE.
2. THE SCOPE OF THE PRE-MANUFACTURED METAL BUILDING STRUCTURE SHALL INCLUDE THE DESIGN, ENGINEERING, FABRICATION, DELIVERY, AND ERECTION OF THE COMPLETE STRUCTURAL STEEL FRAMING AND EXTERIOR SKIN PACKAGE. THE METAL BUILDING MANUFACTURER SHALL BE CERTIFIED BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) METAL BUILDING CERTIFICATION PROGRAM.
3. THE FRONT FASCIA SHALL HAVE (3) 12" PURLINS (MOUNTED VERTICALLY SO THAT THE 12" FACE IS AGAINST THE BUILDING METAL SIDING. THESE PURLINS SHALL BE CENTERED OVER THE ENTRANCE AND SPACED 96" APART TO PROVIDE ADEQUATE SUPPORT FOR SIGNAGE WHICH MAY WEIGH UP TO 1,400 LBS.
4. RECOMMENDED PRE-ENGINEERED METAL BUILDING MANUFACTURERS ARE:
 -VP BUILDINGS
 ATTN: DAVID ENGLISH
 (901) 568-4537
 -STAR BUILDING SYSTEMS
 ATTN: RODNEY BURT
 (800) 979-7827
 -NUCOR BUILDING SYSTEMS
 ATTN: BOB BARRY
 (315) 622-4400
 -BIG BEE STEEL BUILDINGS, INC.
 ATTN: KEVIN BUSLER
 (800) 633-3378
 -CHIEF BUILDINGS
 ATTN: ERIN SULLIVAN
 (800) 645-1787
5. SEE SHEET A2.0 FOR WALL AND ROOF FINISHES AND COLORS.

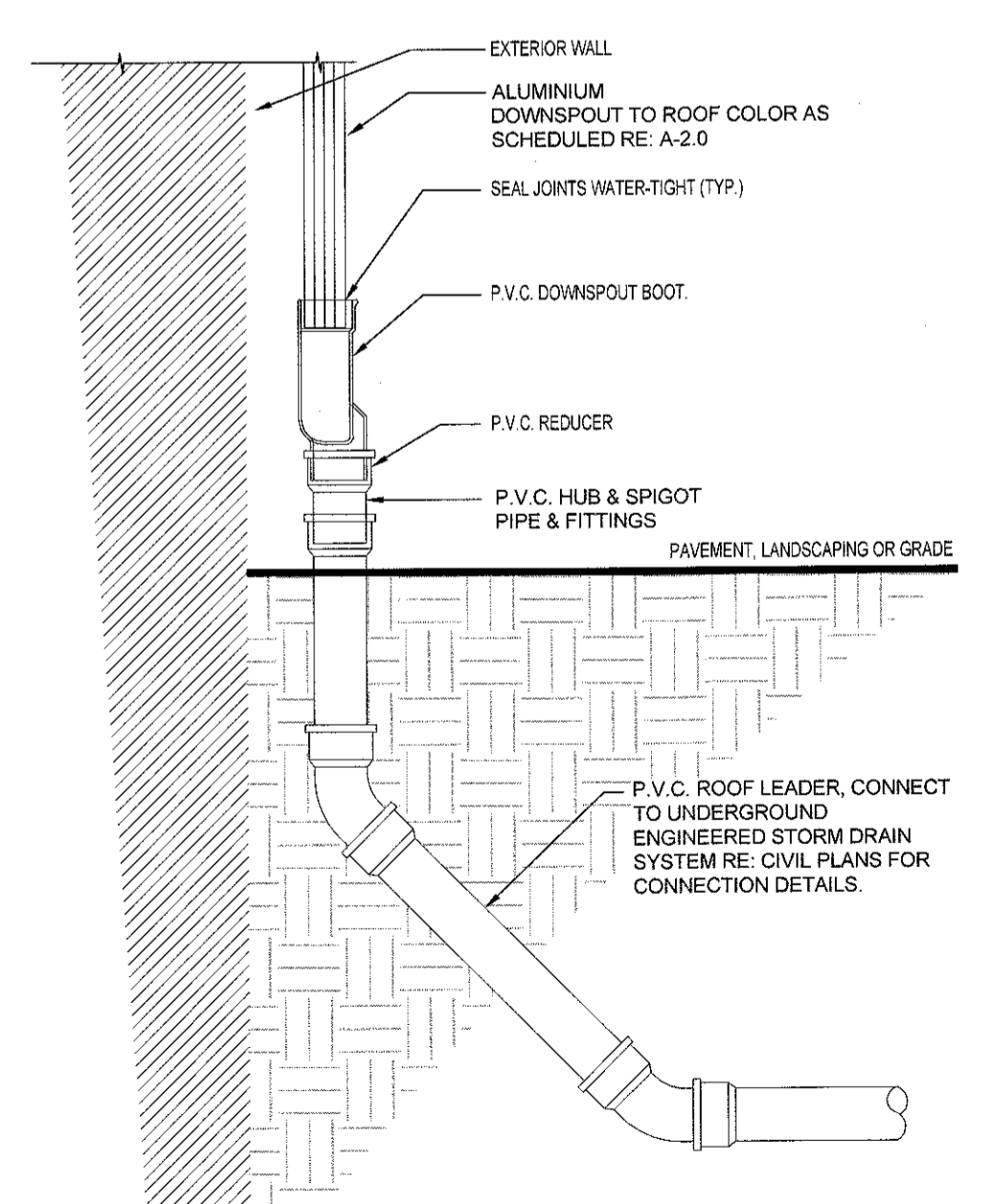
ROOF NOTES:

1. METAL ROOF MUST BE A STRUCTURAL STANDING SEAM METAL ROOF WITH MECHANICALLY ROLLED SEAMS. SEAMS TO BE A MINIMUM 1 1/2" HIGH. ALL FASTENERS TO BE CONCEALED.
2. ROOF PANELS TO BE A MINIMUM 24 GAUGE.
3. METAL ROOF SYSTEM TO BE EQUAL TO VP BUILDING SLR II ROOF.
4. CONDENSATE FROM HVAC UNITS TO BE PIPED TO GUTTERS.

CURB INSTALLATION INSTRUCTIONS

TRAPEZOIDAL STANDING SEAM PANEL - UNDER / OVER
 FOLLOW MANUFACTURER'S SPECIFICATIONS

REQUIRED NATIONAL ACCOUNT ROOF CURB DG VENDORS:
 ROOF CURB SYSTEMS GREG SMYTH 800-883-8848 GSMYTH@ROOFCURB.COM
 CURBS PLUS INC. ALAN THRAILKILL 888-639-2872 ALAN.THRAILKILL@CURBS-PLUS.COM
 KCC INTERNATIONAL INC. GREG CONRAD 800-382-2872 GCONRAD@KCCCURBS.COM



PRE-ENGINEERED METAL BUILDING VENDOR	VP BUILDINGS ATTN: DAVID ENGLISH (901) 748-6103	STAR BUILDING SYSTEMS ATTN: RODNEY BURT (800) 879-7827	NUCOR BUILDING SYSTEMS ATTN: BOB BARRY (315) 622-4400 (260) 837-7891	BIG BEE STEEL BUILDINGS, INC. ATTN: KEVIN BUSLER (800) 633-3378	CHIEF BUILDINGS ATTN: ERIN SULLIVAN (308) 385-4628 (308) 390-8199																				
EXTERIOR FINISHES	COOL EGYPTIAN WHITE	PATRICIA BRONZE KYMAR 500	BRONZE	COOL COTTON WHITE	GALVALUME	LIGHTSTONE	MEDIUM BRONZE KYMAR 500	BRONZE	POLAR WHITE	GALVALUME	LIGHTSTONE	MEDIUM BRONZE KYMAR 500	BRONZE	POLAR WHITE	GALVALUME	SANDSTONE	BURNISHED SLATE	BRONZE	POLAR WHITE	GALVALUME	PARCHMENT	ANTIQUE BRONZE	BRONZE	POLAR WHITE	GALVALUME
GUTTERS																									
DOWN SPOUTS																									
SIDE AND REAR METAL WALL PANELS (TRIM TO MATCH ADJACENT WALL PANELS)																									
ARCHITECTURAL BLOCK AT BUILDING FACADE SHOULD BE PRE-FINISHED OR PAINTED (2 COATS-LOXON XP MASONRY COATING A24W400 SERIES) TO MATCH SW15106 KILM BEIGE																									
FRONT PARAPET PANELS (NOT @ VESTIBULE), REVERSE-RIB PROFILE (SEE ELEVATION FOR TRIM & COPING COLORS)																									
FRONT VESTIBULE PARAPET PANELS, REVERSE-RIB PROFILE (SEE ELEVATION FOR TRIM & COPING COLORS)																									
STOREFRONT SYSTEM																									
STANDING SEAM METAL ROOF PANELS																									
LINER PANELS, 28 GA (INTERIOR SALES FLOOR & RECEIVING AREA)																									

SEE A-2.0 FOR FIN SCHEDULE



2 CURB INSTALLATION INSTRUCTIONS
 A10.0 SCALE: NTS

3 BOOT DETAIL
 A10.0 SCALE: NTS

1 ROOF PLAN
 A10.0 SCALE: 1/8"=1'-0"
 PLAN NORTH

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 Brockton, MA 02302
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CONSULTANT

KEVIN L PATON
 No. 04523
 LICENSED ARCHITECT
 STATE OF NEW HAMPSHIRE

DOLLAR GENERAL
 ROOF PLAN & FIN SCHED
 LISCIOTTI DEVELOPMENT
 169 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: DSG
 Checked By:
 Job Number: 216111

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GENERAL NOTES

DESIGN LOADS (EXCEPT AS NOTED):

BUILDING CODE: THE NEW HAMPSHIRE STATE BUILDING CODE
 (2009 INTERNATIONAL BUILDING CODE)

FOUNDATION CRITERIA:
 GROUND SNOW: 70 PSF (BASED ON A SITE ELEVATION OF 313.50')
 FROST DEPTH: 4'-0"
 SAFE SOIL BEARING CAPACITY: 4000 PSF

SEISMIC FACTORS:
 GROUND ACCELERATIONS: Ss=0.376g, S1=0.084g
 DESIGN ACCELERATIONS: SDe=0.376g, Sd1=0.134g
 SEISMIC IMPORTANCE FACTOR (Ie): 1.0
 RISK CATEGORY: II
 SEISMIC DESIGN CATEGORY: C
 SEISMIC SITE CLASS: D

FLOOR CRITERIA:
 TYPICAL FLOOR LIVE LOAD: 100 PSF

ROOF CRITERIA:
 FLAT ROOF SNOW LOAD (Pf): 49 PSF
 SNOW EXPOSURE FACTOR (CE): 1.0
 SNOW LOAD IMPORTANCE FACTOR (IS): 1.0
 THERMAL FACTOR (CT): 1.0

WIND CRITERIA:
 BASIC WIND SPEED (V): 90 MPH
 RISK CATEGORY: II
 WIND EXPOSURE: B
 INTERNAL PRESSURE COEFF. (GCP): ±0.18

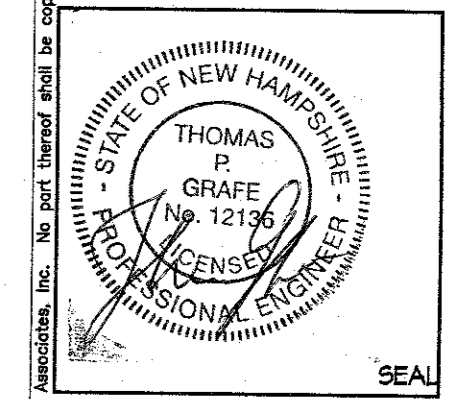
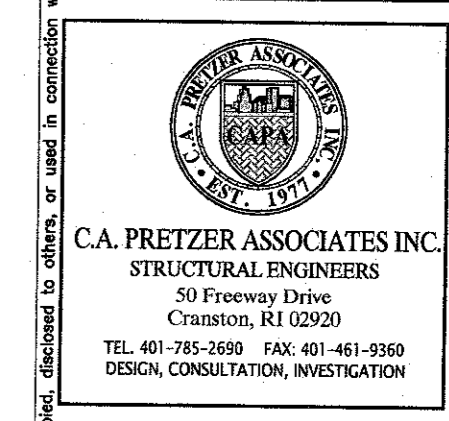
FOUNDATION NOTES:

1. ALL SOIL CONTAINING ORGANIC OR UNSUITABLE BEARING MATERIAL SHALL BE REMOVED FROM THE BUILDING FOOTPRINT.
2. ALL SOIL SUPPORTED FOOTINGS SHALL BE FOUNDED UPON COMPACTED NATURAL SUBGRADE OR COMPACTED BANK RUN GRAVEL FILL WITH A SAFE BEARING CAPACITY OF NOT LESS THAN 4000 PSF. COORDINATE SITE SPECIFIC SUBGRADE PREPARATION REQUIREMENTS WITH GEOTECHNICAL REPORT.
3. ROCK SHALL BE EXCAVATED A MINIMUM OF 4" BELOW BOTTOM OF FOOTING ELEVATION AND COVERED WITH A LAYER OF COMPACTED GRAVEL.
4. A MODIFIED PROCTOR TEST SHALL BE PERFORMED BY A SOILS TESTING LAB ON EACH TYPE OF SOIL TO BE COMPACTED.
5. SOIL SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DRY DENSITY PER ASTM D1557 IN LIFTS NOT TO EXCEED 6" LOOSE DEPTH.
6. FIELD DENSITY TESTS SHALL BE PERFORMED BY AN INDEPENDENT SOILS TESTING LAB TO VERIFY COMPACTION. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
7. BACKFILL SYMMETRICALLY AGAINST ALL FOUNDATION WALLS IN INCREMENTS NOT TO EXCEED 2 FEET MAXIMUM DIFFERENTIAL.
8. SEE PLUMBING AND ELECTRICAL DRAWINGS FOR UNDER FLOOR SYSTEMS AND SPECIAL GRANULAR FILL MATERIAL REQUIREMENTS.
9. NO FOOTINGS OR SLABS SHALL BE POURED INTO OR AGAINST SUBGRADE CONTAINING FREE WATER OR ICE.
10. ALL SLABS-ON-GRADE SHALL BE PLACED ON A 10 MIL VAPOR BARRIER OVER A MIN. 12" COMPACTED STRUCTURAL FILL LAYER. COORDINATE ADDITIONAL SUBGRADE PREPARATION REQUIREMENTS WITH GEOTECHNICAL REPORT.

CONCRETE NOTES:

1. ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 4000 PSI AT 28 DAYS.
2. ALL CONCRETE WALLS, FOOTINGS AND CONCRETE EXPOSED TO THE WEATHER SHALL CONTAIN AN APPROVED AIR ENTRAINING ADMIXTURE. AIR CONTENT SHALL BE 4 1/2% TO 7%.
3. ALL CONCRETE SHALL CONTAIN AN APPROVED WATER-REDUCING ADMIXTURE.
4. A SET OF FOUR (4) CONCRETE TEST CYLINDERS SHALL BE TAKEN BY AN INDEPENDENT CONCRETE TESTING LAB ON EACH DAY WHEN CONCRETE PLACEMENT EXCEEDS 5 CUBIC YARDS. ONE CYLINDER SHALL BE BROKEN AT 7 DAYS, TWO AT 28 DAYS, AND ONE AT 56 DAYS. A COPY OF ALL TEST REPORTS SHALL BE FILED WITH THE ARCHITECT.
5. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE.
6. A MIX DESIGN SHALL BE SUBMITTED FOR APPROVAL FOR EACH TYPE OF CONCRETE.
7. ALL REINFORCING BARS SHALL BE ASTM A-615 GRADE 60 (U.N.O.).
8. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION, SHOWING REINFORCING DETAILS, STEEL SIZES, SPACING AND PLACEMENT OF REINFORCING.
9. ALL REINFORCING BAR SPLICES SHALL CONFORM TO REQUIREMENTS OF ACI 318, BUT IN NO CASE SHALL THEY BE LESS THAN 2'-0".
10. DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCING.
11. CONSTRUCTION JOINTS IN ALL WALLS SHALL BE NOT FURTHER APART THAN 60 FEET IN ANY DIRECTION. SEE PLAN FOR LOCATION OF SLAB CONSTRUCTION AND/OR SHRINKAGE JOINTS.
12. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185, Fy=60 KSI.
13. ALL WELDED WIRE FABRIC SHALL BE LAPPED TWO (2) FULL MESH PANELS AT SIDES AND ENDS AND BE SECURELY WIRED TOGETHER.
14. SEE ARCHITECTURAL DRAWINGS FOR TYPE AND LOCATION OF ALL FLOOR FINISHES, FLOOR DEPRESSIONS AND CUT OUTS.
15. COORDINATE ALL FOUNDATION PENETRATIONS WITH ARCHITECT, PLUMBING, MECHANICAL, ELECTRICAL CONTRACTORS AND LOCAL AGENCIES.

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03/04/19	ISSUED FOR BUILDING PERMIT



GENERAL NOTES
 LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
 169 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale:	NOTED
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Checked By:	JM
Job Number:	216111

Draining:
 S01

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1) GENERAL
A. The building shall be designed such that there is maintained an absolute minimum of 68"-0" from face-of-column to face-of-column on the sales floor.
2) FOUNDATIONS
A. The concrete foundations shall be designed, detailed and constructed to provide for the safe, serviceable support of the pre-manufactured metal building structure and all prescribed loads applied thereto. The foundations shall conform to the latest editions of all applicable standards of the American Concrete Institute (ACI), The Building Code(s) enforced by the Authority Having Jurisdiction and these requirements.
B. The soils supporting the foundation shall be prepared and compacted in accordance with a geotechnical testing based investigation and site specific recommendations provided by a Professional Engineer registered to practice in the State where the project is located.
C. The slab on grade shall not be utilized to resist horizontal thrust forces at the base of the pre-engineered building frames. Tie beams below and separate from the building slab may be utilized.
D. The bearing materials shall be free of organic, expansive or corrosive material, and shall support the foundation in accordance with the following twenty five year criteria:
1. Maximum differential movement due to either settlement or heave shall not exceed 1/2" over a distance of 50 feet.
2. Maximum total movement due to either settlement or heave shall not exceed 1".
E. The foundations shall be of sufficient depth to bear below local frost depth where exposed, attain minimum design bearing pressure, achieve sufficient protection from settlement or heave, and where adjacent to existing construction, avoid application of lateral earth pressure to adjacent construction.

3) SLAB ON GRADE
A. The subgrade for the slab on grade shall be compacted and prepared in accordance with a geotechnical testing based investigation and site specific recommendations provided by a Professional Engineer registered to practice in the State where the project is located. The subgrade shall provide a minimum of 100 pounds per cubic inch (pci) modulus of sub-grade reaction and shall be proof-rolled to ensure that there are no pumping or soft zones greater than 1/2" (ACI 302, "Guide for Concrete Floor Slab Construction").
B. The slab on grade shall conform to the latest editions of all applicable standards of the American Concrete Institute (ACI), The Building Code(s) enforced by the Authority Having Jurisdiction and these requirements. The slab on grade shall be a minimum of 4" thick and reinforced with a minimum 6" x 6" x W1.4 x W1.4 welded wire fabric located in the center of the slab.
C. Except at doors at the perimeter of the facility, the slab on grade shall be isolated from the building columns and any perimeter grade beams or walls. The slab on grade shall receive a hard steel trowel finish. Saw-cut contraction joints a minimum of 1/4 the depth of the slab shall be provided in both principal directions across the entire floor slab, spaced no further than 13 feet on center and providing panels with an aspect ratio no greater than 1.5:1. Refer to Control Joint Spacing Plan on Sheet S03. The slab shall be protected from the effects of heat or wind as necessary to avoid any curling of the slab segments.

4) CONCRETE SALES FLOOR PRE-INSTALLATION CONFERENCE:
A. At least 30 days prior to the start of the concrete slab construction, the general contractor shall conduct a meeting to review the proposed concrete mix designs and to discuss the required methods and procedures to achieve the requirements of this specification. The general contractor shall send a pre-concrete conference agenda to all attendees 20 days prior to the scheduled date of the conference.
B. The general contractor shall require responsible representatives of every party concerned with the concrete work to attend the conference, including, but not limited to, the following:
General Contractor's superintendent
1. Laboratory responsible for concrete mixes, field quality control and floor tolerance testing
2. Ready-mix concrete producer
3. Concrete contractor
4. Chemical admixture manufacturer
5. Liquid densifier and sealer manufacturer
6. Liquid densifier and sealer applicator
7. Joint filling manufacturer
8. Joint filling applicator
C. Minutes of the meeting shall be recorded, typed and printed by the general contractor and distributed to all concerned parties, including the owner's representative, the architect and the structural engineer, within five days of the meeting.
D. The minutes shall include a statement by the concrete supplier stating that the proposed concrete mix design will produce the concrete quality required by these specifications.
E. The minutes shall include a statement by the concrete contractor that the proposed concrete mix design will provide appropriate workability and setting times, to ensure that the concrete contractor can achieve the requirements of this specification.

5) CONCRETE CONTRACTOR QUALIFICATION:
A. The concrete contractor shall include in their bid package to the general contractor, sufficient data, including a minimum of three similar and successful projects that clearly indicates the concrete contractor's ability to successfully perform the work and to achieve the interior sales floor slab tolerances required in this specification. The concrete contractor's team shall have participated in the majority of these projects, and that team shall remain the same through the duration of this project.

6) CONCRETE MATERIALS:
A. Portland Cement: ASTM C 150, Type 1. Use one brand of cement throughout the project.
B. Coarse and fine aggregates: ASTM C 33. Combined aggregate gradation for slabs on grade and other designated concrete shall be 8% - 18% for large top size aggregates (1 1/2" or 8% - 22% for smaller top size aggregates (1" or 3/4") retained on each sieve below the top size and above the no. 100 sieve. Slabs on grade shall have a maximum aggregate size of 1 1/2" footings and piers 1" and beams 3/4".
C. Water: complying with ASTM C 94.
D. Air-entraining admixtures: Shall conform to ASTM C-260. Admixture manufacturer shall provide written certification that the air-entraining admixture is compatible with other required admixtures. All interior slabs shall be air-entrained (4% - 6%). Acceptable products: Euclid Chemical AEA-92 or Air 40; BASF Micro Air; W.R. Grace Daravarir 1000 or Durex- 1.
1. Note: Air-entraining admixture shall not be used on interior concrete.

E. Water-reducing admixture: Shall conform to ASTM C494, Type A and contain no more than 0.05% chloride ions. Acceptable products: Euclid Chemical Eucon series; BASF Pozzolith series; W.R. Grace WRDA or Daracem series.
F. Water-reducing, retarding admixture: Shall conform to ASTM C494, Type D, and contain no more than 0.05% chloride ions. Acceptable products: Euclid Chemical Retarder 75; BASF Pozzolith series; W.R. Grace Daratard 17.
G. High range water-reducing admixture (supersulfatizer): Shall conform to ASTM C494, Type F or Type G and contain no more than 0.05% chloride ions. Acceptable products: Euclid Chemical Eucon 37; BASF Rheobuild 1000; W.R. Grace daracem-100.
H. Water-reducing, non-corrosive accelerating admixture: Shall conform to ASTM C494, Type C or F, and contain no more chloride ions than are present in municipal drinking water. The admixture manufacturer must have long-term, non-corrosive test data from an independent testing laboratory (of at least a year's duration) using an acceptable accelerated corrosion test method such as that using electrical potential measures. Acceptable products: Euclid Chemical Accelguard 80/90 or Accelguard NCA; BASF NC534 or Pozzutec 20; W.R. Grace Polasetr.

I. Prohibited admixtures:
1. Calcium chloride or admixtures containing more than 0.05% chloride ions are not permitted.
2. Flyash is not permitted.

7) EVAPORATION RETARDER:
A. Waterborne, monomolecular film forming, manufactured for application to fresh concrete.
1. Acceptable products:
a. "Eucobar" by Euclid Chemical - Phil Brandt 877-438-3826
8) CURING MATERIALS:
A. Exterior curing: All exterior concrete slabs shall be cured using a liquid membrane-forming curing compound. The liquid membrane-forming curing compound shall meet the requirements of ASTM C1315 with a maximum V.O.C. Content of 700 g/l.
1. Acceptable products:
a. "Super Rez Seal" or "Super Aqua Cure" by Euclid Chemical - Phil Brandt 877-438-3826
B. Interior curing (building not enclosed/sales floor slab is placed first): The interior sales floor slab shall be cured using a reduced odor, dissipating liquid membrane forming curing compound that is formulated from hydrocarbon resins. The dissipating liquid membrane forming curing compound shall meet the requirements of ASTM C309 and V.O.C. contents in accordance to EPA 40 CFR, part 59, table 1, subpart D for concrete curing compounds with a maximum V.O.C. content of 350g/l.
1. Acceptable product:
a. "Kurez DR VOX" by Euclid Chemical - Phil Brandt 877-438-3826
C. Interior curing (building enclosed/sales floor slab is placed last): The interior sales floor slab shall be cured using a removable, low odor, fast drying liquid membrane forming curing compound. The removable liquid membrane forming curing compound shall meet the requirements of ASTM C309, AASHTO M 148, USDA compliancy and V.O.C. contents in accordance to EPA 40 CFR, part 59, Table 1, subpart D for concrete curing compounds with a maximum V.O.C. Content of 350g/l.
1. Acceptable product:
a. "Kurez RC" by Euclid Chemical - Phil Brandt 877-438-3826

9) LIQUID DENSIFIER / SEALER FOR INTERIOR SALES FLOOR:
A. Liquid densifier / sealer shall be a sodium silicate / silicoflate blend. Manufacturer of liquid densifier and sealer must be contacted prior to bidding for pricing and application requirements.
1. Acceptable liquid densifier and sealer manufacturer:
a. "Euco Diamond Hard" by Euclid Chemical - Phil Brandt 877-438-3826
b. "RetroPlate 99" by RetroPlate Systems - Curtis Turnbull 888-942-3144
B. Approval: All general contractors bidding or negotiating a Dollar General project shall contact Euclid Chemical or RetroPlate to obtain a list of approved applicators located within the geographic region of the project. General contractors shall solicit and accept pricing only from those applicators as provided by Euclid Chemical or RetroPlate. The approved applicator selected for the initial application of liquid densifier / sealer shall be the same as for the joint filling and additional application of liquid densifier / sealer and polishing process. Within ten days after completion of work, the approved applicator shall furnish Euclid Chemical or RetroPlate a copy of the invoice, as well as square footage and coverage rate data confirming that the specified application rates were achieved.
C. Project service: at least 10 days prior to application of liquid densifier and sealer, the general contractor shall notify the Euclid Chemical or RetroPlate representative for jobsite service. The representative will be on the project site during the initial application of liquid densifier / sealer and will follow the project through to completion.

10) SEMI-RIGID POLYUREA JOINT FILLER:
A. UV Resistant, semi-rigid polyurea joint filler shall be a two (2) component, 100% solids compound, with minimum Shore "A" hardness of 80. Joint filler color shall match the adjacent concrete surface.
1. Acceptable semi-rigid polyurea joint filler manufacturer:
a. "Euco QWIKJoint UVR" by Euclid Chemical - Phil Brandt 877-438-3826
B. Non-UV Resistant, semi-rigid polyurea joint filler shall be a two (2) component, 100% solids compound, with a minimum Shore "A" hardness of 75. Joint filler color shall match the adjacent concrete surface.
1. Acceptable semi-rigid polyurea joint filler:
a. "CreteFill Pro 75" by CureCrete - Curtis Turnbull 888-942-3144
C. Approval: All general contractors bidding or negotiating a Dollar General project shall contact the Euclid Chemical company or RetroPlate to obtain a list of approved applicators located within the geographic region of the project. General contractors shall solicit and accept pricing only from those applicators as provided by Euclid Chemical or RetroPlate. The approved applicator selected for the initial application of liquid densifier / sealer shall be the same as for the joint filling and additional application of liquid densifier / sealer and polishing process.

11) CONCRETE MIXES:
A. Comply with ACI 301 requirements for concrete mixtures.
B. Concrete mix design(s) shall be proportioned according to ACI 301, for normal-weight concrete determined by either laboratory trial mix or field test data as follows:
1. Compressive strength (28 days): 4000psi (27.6mpa), with a maximum water/cement ratio of .53, unless otherwise indicated on the drawings. Concrete materials included in the mix design shall be the same materials provided to the project, and shall be prepared by an independent testing laboratory approved by the owner. If sufficient backup data is not available, the laboratory mix design shall exceed the desired job strength of concrete by 1,200psi. Four copies of the mix design shall be submitted to the owner before concrete work begins.
2. Slump: Concrete containing mid or high range water reducer shall have a maximum slump of 5 1/2" for the interior sales floor slab and 8" (200 mm) for other areas. All other concrete shall not exceed 4 inches (100 mm) unless otherwise indicated on the drawings.
3. Adjustment to concrete mixes: Mix design adjustments may be requested by General Contractor when characteristics of materials, job conditions, weather, test results or other circumstances warrant; at no additional cost to owner and as accepted by owner. Laboratory test data for revised mix design and strength results must be submitted to and accepted by owner before using in work. Both the concrete testing and inspection agency and the concrete contractor shall satisfy themselves that the concrete mix design will produce a concrete which will meet the specifications for this project. In addition, the General Contractor and Concrete Contractor shall verify that the workability, finishability and setting times are appropriate for slab installations. Placement shall be made directly from concrete trucks by chute. If pumping of the concrete is contemplated for any special locations, the proportions established above shall not be altered to suit the capabilities of the pumping equipment. For concrete containing macro-synthetic fibers, adjustments required to provide required placement conditions may warrant use of additional water reducer. No additional water is permitted into concrete mixture after addition of macro-synthetic fibers.

4 Interior concrete sales floor: Concrete shall be designed to meet 4000 psi compressive strength @ 28 days and exhibit <0.04% shrinkage @ 28 days. The mix shall contain approximately 12 cubic feet of #467 aggregate (1-1/2" top size), the specified water reducing admixture and achieve a w/cm ratio of 0.53 (max.). Concrete shall be non air-entrained and in no case shall the concrete be designed for less than 4000 psi (27.6mpa) @ 28 days. Proposed mix design shall be similar to the following

Materials	Prototype mix
Cement	517-56lb/ht
Fly ash/slag	Prohibited
Coarse aggregate	12 cubic feet +/- .50 (#467 stone)
Fine aggregate	7 cubic feet +/- (adjust as necessary)
Water content	250 - 300lbs.
Air content (Entrapped Air Only)	3.0% (max.)
Water Reducer (type a/f)	3oz.-10oz./100wt +/- (mid range preferred)
W/cm	0.53 (max.)
Initial Slump (water)	3"
Final Slump (with water reducer)	5.5" (max)
Shrinkage	<0.04% @ 28 days

12) FLOOR SLAB FINISH AND TOLERANCES:
A. General: Unless otherwise noted by owner, concrete sales floor slab shall be cast in one continuous placement. Concrete shall be placed, screeded, trowel-straightened, and finished as necessary to meet the FF and FL tolerance requirements. Do not wet concrete surfaces during finishing operations.
B. Trowel finish (sales floor): Apply a hard trowel finish to surfaces as follows:
1. Laser screeds, vibratory screeds, highway straightedges and wood bull floats shall be used to initiate screeding and floating process to form a uniform and open-textured surface plane before excess moisture or bleed water appears on the surface. A back-up laser screed is required during concrete placement of the interior sales floor slab. Remove excess water before starting floating operations. Do not further disturb surfaces before starting finishing operations
2. Highway straightedge operations shall continue before, during and after troweling operation, until specified floor tolerances are achieved.
3. Trowel finish with gas operated troweling machine with adjustable blades on all finishing equipment. Use steel-reinforced blades on ride-on power trowels. Trowel the surface sufficiently to produce a smooth, tight, abrasion resistant surface. Care shall be taken not to overwork or burn the surface. Use 6" wide finish style steel-reinforced blades on final passes. Finishing blades shall be in new condition and completely clean of any deleterious materials. Interior machine trowel finish shall be achieved within a 3" tolerance of all walls, columns and partitions.
4. Protection: Care shall be taken to protect the interior sales floor. Entrances shall include clean floor mats to prevent mud stains and all equipment on the floor shall be diapered to prevent spills. Cutting oils, etc. are not allowed on the sales floor slab at any time during the construction process.
C. Comply with ACI 117, "Specifications For Tolerances For Concrete Construction and Materials." Interior sales floor slab shall meet the requirements of a type 5, single course, hard steel-troweled finish as described in ACI 302.
1. All perimeter areas and edges of the concrete floor shall exhibit the same finish as the sales floor, including but not limited to, hallways, offices, restrooms, etc.
2. The general contractor is responsible for contracting with the testing laboratory for all costs associated with floor tolerance testing. A copy of the final floor tolerance report shall be provided by the contractor to the owner within 24 hours of receiving the report from the testing laboratory. The sales floor slab shall conform to the following flatness and levelness criteria:
Flatness Overall Floor Flatness rating of at least 35
Levelness Overall Floor Levelness rating of at least 30
Tolerance Band for Entire Floor +/- 0.375 inch
D. Failure to achieve the above criteria shall be cause for replacement of the offending segments or grinding/polishing at no cost to the Owner or Tenant.
E. Trowel finish (other than sales floor): Apply a hard trowel finish to surfaces indicated and to floor and slab surfaces exposed to view or to be covered with resilient flooring, carpet, ceramic or quarry tile set over a cleavage membrane, paint, or another thin film-finish coating system.
F. Heavy broom finish: As noted on drawings.

13) CONCRETE PROTECTION AND CURING:
A. General: Normalize concrete set time and protect freshly placed concrete from premature drying and excessive cold or hot temperatures. Comply with ACI 305 for hot-weather protection and ACI 306 for cold-weather protection during curing. During concrete placement operations, ventilate and exhaust all fumes from construction equipment and heaters to avoid potential early concrete carbonation. Apply the specified curing compound as quickly as possible for maximum protection. For concrete placement during hot, dry and windy conditions, concrete contractor shall use evaporation retarder as per manufacturer's instructions to maintain a moist condition and to minimize plastic drying shrinkage cracking at the surface of the freshly placed concrete.
1. Curing - Exterior Slabs:
All exterior concrete slabs shall be cured using the specified liquid membrane-forming curing compound. Per manufacturer's instructions, application shall be applied evenly and uniformly as soon as possible after final finishing. Surface shall be clean and damp, but not wet and can no longer be marred by walking workmen. All applications shall be made by an approved applicator of the manufacturer, and when surface and air temperature is above 50° F. Apply "Super Rez Seal" or "Super Aqua Cure" at an application rate of 400sf/gallon. Begin curing immediately after finishing concrete, but not before free water has disappeared from concrete surface.
2. Curing - Interior slabs:
The interior sales floor slab shall be cured using the specified dissipating or removable liquid membrane-forming curing compound. Per manufacturer's instructions, application shall be applied evenly and uniformly as soon as possible after final finishing. Surface shall be damp, but not wet and can no longer be marred by walking workmen. All applications shall be made by an approved applicator of the manufacturer, and when surface and air temperature is above 50° F. Apply "Kurez DR VOX" (slab first) or "Kurez RC" (slab last) at an application rate of 350sf/gallon. Begin curing immediately after finishing concrete, but not before free water has disappeared from concrete surface.

14) CONTRACTION JOINTS IN SLABS-ON-GRADE:
A. Form weakened-plane contraction joints, sectioning concrete into areas as indicated on drawings. Contraction joints shall be sawn to a depth equal to at least one-fourth of the concrete thickness, as follows:
B. Sawed joints: All saw cutting shall be accomplished with a "Soft-Cut" saw and vacuum system equipped with a new blade and plate, as soon as the slab will support the weight of the saw and operator. Note: Concrete dust shall be removed completely and immediately. If chalk lines are used for sawcuts, all chalk remaining on the slab shall be removed completely and immediately after sawing.
15) INTERIOR SALES FLOOR SLAB PROTECTION:
A. Take the following measures to protect the interior sales floor slab:
1. Wrap or "diaper" all motorized and hydraulic equipment to prevent fluid leaks
2. Provide non-marking tires on rubber tired vehicles or equip rubber tires with tire boots made of nylon fabric
3. Provide mats at all entrances to prevent mud stains

16) TIMING OF JOINT FILLER, LIQUID DENSIFIER AND POLISHING PROCESS:
A. Do not commence installation of semi-rigid polyurea joint filler, liquid densifier and sealer or polishing processes until the building is completely enclosed, permanent power and lighting is operating and the building is thermostatically controlled. Installation of these materials shall commence approximately two weeks prior to "fixture date."
17) INSTALLATION OF SEMI-RIGID POLYUREA JOINT FILLER:
A. All General Contractors bidding or negotiating a Dollar General project shall contact Euclid Chemical or RetroPlate to obtain a list of approved applicators located within the geographic region of the project. General contractors shall solicit and accept pricing only from those applicators as provided by Euclid Chemical or RetroPlate. The approved applicator selected for the initial application of liquid densifier / sealer shall be the same as for the joint filling and additional application of liquid densifier / sealer.
B. Joint filler installation: Comply with recommendations in ACI 302 for use of joint filler as applicable to materials, applications, and conditions indicated.

C. Surface cleaning of joints: Clean out joints immediately before installing joint filler. Remove foreign material from joint substrates that could interfere with adhesion of joint filler by brushing, grinding, blast cleaning, mechanical abrading, or a combination of these methods to produce a clean, sound substrate capable of developing optimum bond with joint filler. Remove loose particles remaining from above cleaning operations by vacuuming or blowing out joints with oil-free compressed air. Also remove all laitance and form-release agents from concrete surface. Clean nonporous surfaces with chemical cleaners or other means that do not stain, harm substrates, or leave residues could interfere with adhesion of joint sealants. All surfaces to be filled shall be clean and dry.

D. For proper load transfer, joints must be filled full depth, but in no case should the joint filler be any less than 1" deep in the joint.
E. Mixing: Joint filler is a two part product requiring machine mixing and placing. Premix part b separately before using. Follow pump manufacturer's equipment instructions.
F. Placement: Joint filler shall be filled full depth. No backer rod is allowed. Joints should be overfilled and shaved even with the surrounding joint edge giving the floor joints a flat, smooth appearance. Shaving of excess joint filler can be approximately 30 minutes after placement, and up to 24 hours later, depending on jobsite conditions such as concrete and ambient temperatures.
G. Joint filler separation: The approved joint filling applicator shall include in their bid a cost per linear foot to make one return trip to refill joints if joint filler sidewall separation or spitting exceeds 1/16," or if surface profile is concave, chattered or if voids occur. This shall take place one week prior to grand opening.
18) INITIAL CLEANING FOR LIQUID DENSIFIER AND SEALER APPLICATION:
A. Interior sales floor slab: Thoroughly clean the interior sales floor slab prior to initial application of liquid densifier and sealer by completely removing the specified dissipating or removable curing compound from the floor surface. The following floor stripper or removal solution shall be applied to the floor to thoroughly strip, clean and remove all curing compound residue:
1. If Kurez DR VOX (slab first) was used to cure the slab, use "Euco Clean & Strip" by Euclid Chemical, applied at the proper water to floor cleaner ratio and coverage rate that will completely remove the Kurez DR VOX. Contact: Phil Brandt (877) 438-3826
2. If Kurez RC (slab last) was used to cure the slab, use "Kurez OFF" by Euclid Chemical, applied at the proper water to floor cleaner ratio and coverage rate that will completely remove the Kurez RC. Contact: Phil Brandt (877) 438-3826

19) POLISHING PROCESS AND APPLICATION OF LIQUID DENSIFIER / SEALER:
A. All Applicators must be certified by Euclid Chemical or Retro-Plate.
B. The revised process can be used in both "Wet" and "Dry" applications.
C. This process assumes a quality concrete finish (meets and/or exceeds the specified floor tolerances) by the floor finisher. Failure to achieve the above criteria shall be cause for replacement of the offending segments or grinding/polishing at no cost to the Owner or Tenant.
D. Only the Sales Floor will receive the full 8 step process outlined below under item K.
E. All other areas will only receive steps 1 through 3, no additional work is necessary. The yellow safety striping will remain.
F. The black painted border will not be required in areas behind fixtures, etc....it will only be installed at the main entry door, office doors, egress doors and doorways into the receiving area and transitions that can be seen by the customers.
G. Steps 2 & 4 are combo steps using different grits of resin bond diamonds on each pass.
H. This is a "Resin" only grind that does not tear away as much of the surface area. The Resin grind will remove a minimal top layer of the concrete surface and should greatly reduce the amount of Waste Product created when compared to the old Metal grind process.
I. If a Cure-n-Seal product is required at the time of slab placement only Water Based Dissipating Sealers are allowed. NO Acrylic Cure-N-Seals are allowed.
J. Prior to application, inspect interior sales floor slab to ensure that slab is clean and free of dust, grease, oils, or other contaminants that might prohibit the proper application and penetration of the liquid densifier and sealer.
K. Process Steps
1. Cut, clean out, prep and fill the concrete floor joints with the Euclid QWIKjoint UVR polyurea joint filler or "CreteFill Pro 75 by CureCrete.
2. Grind concrete floor with a combo set of 40 / 50 grit bond diamonds
3. Depending on the final finish of the floor, this step may or may not be required. Grind concrete floor with a combo set of SASE metal bond gold series 80 and 150 grit segments or HTC EZ BB brown 4 series (60 grit diamonds) and HTC EZ BB Black 5 series (100 Grit Diamonds).
4. Thoroughly clean the concrete floor and apply Euclid Diamond Hard liquid densifier and sealer at 225 square feet per gallon or ("RetroPlate 99 liquid densifier at 200 square feet per gallon").
5. Polish concrete floor with a combo set of SASE Triton 100 grit black resin diamonds, SASE Triton 200 grit blue resin diamonds or HTC EZ MR black series (100 Grit Diamonds) and HTC EZ MR blue series (200 Grit Diamonds).
6. Polish concrete floor with SASE Triton 400 grit red resin diamonds or HTC EZ SR red series (400 grit diamonds).
7. Thoroughly clean concrete floor and then apply Euclid Diamond Hard liquid densifier and sealer at 700 square feet per gallon (spiff coat). Or ("RetroPlate 99 liquid densifier at 700 square feet per gallon as a spiff coat").
8. Burnish / Polish concrete floor with SASE Sure Shine white 800 grit diamond impregnated pads or HTC White Twister pads (800 grit diamond impregnated pads).
9. Burnish / Polish concrete floor with 1500 Grit Diamond Impregnated twister pads (H.T.C. Yellow TWISTERS or equivalent)
L. All edges must be polished to match concrete floor with coinciding SASE 5" resin Polishing pads or HTC EZ Grind polishing 5" diamond tools.
M. Polish results: Perform polishing process to attain an overall gloss reading of >=35 specified overall gloss value (SOGV) as measured using a Horiba IG-320, and a specified minimum gloss reading of >=30 minimum local gloss value (MGLV). A minimum of 75 readings shall be taken throughout the interior sales floor. The approved applicator shall take four gloss measurement readings at 90° from each other, and then averaged for one reading at each location. The overall measurement shall be reported to Dollar General within 24 hours of the polishing process. Gloss shall be considered as a quantitative value that expresses the degree of reflection when light hits the concrete floor surface. Gloss measurements will be taken independent of ambient lighting and will be taken within a sealed measurement window located beneath the test unit.

BKA ARCHITECTS
Boston • Brockton
142 Croasent Street
Brockton, MA 02302
908.583.8408
bkaarchitects.com

04/25/17
02/27/19
03/04/19

ISSUED FOR REVIEW/PRICING
UPDATED PROTOTYPE
ISSUED FOR BUILDING PERMIT

SEAL

C.A. PRETZER ASSOCIATES INC.
STRUCTURAL ENGINEERS
50 Freeway Drive
Canaan, RI 02928
TEL: 401-785-2600 FAX: 401-461-6960
DESIGN, CONSULTATION, INVESTIGATION

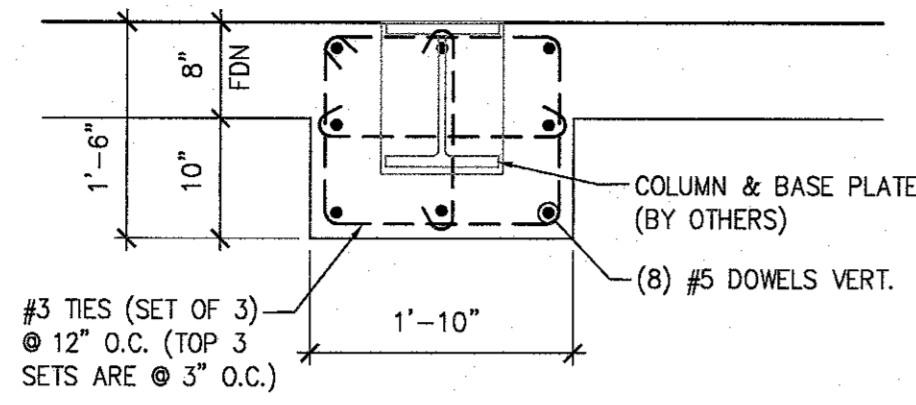
STATE OF NEW HAMPSHIRE
THOMAS P. THOMAS
No. 12136
LICENSED PROFESSIONAL ENGINEER

STRUCTURAL SPECIFICATIONS
LISCOTT DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCAWEN, NH

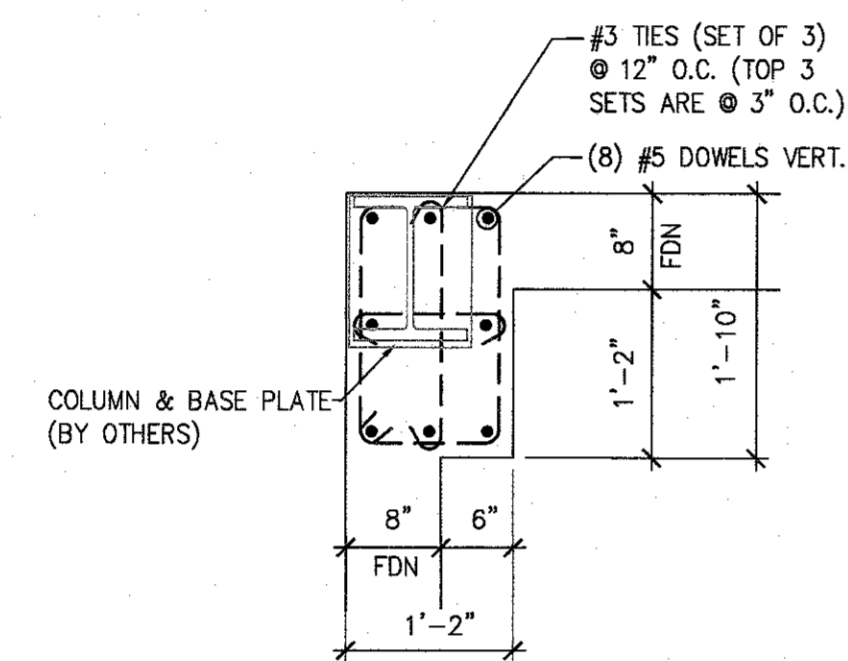
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Checked By: JM
Job Number: 216111

Drawing:
S02

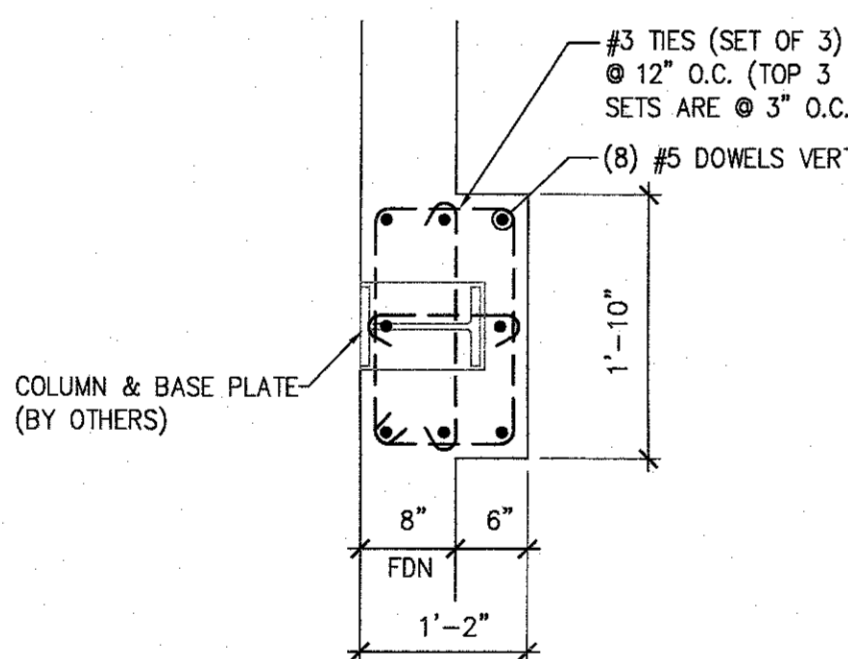
DATE: 02/15/17 BY: BKA ARCHITECTS PROJECT: BKA ARCHITECTS/NEW HAMPSHIRE/DOORWAY REVISIONS/ISSUED FOR REVIEW/PRICING
THIS DRAWING IS THE PROPERTY OF BKA ARCHITECTS. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF BKA ARCHITECTS.



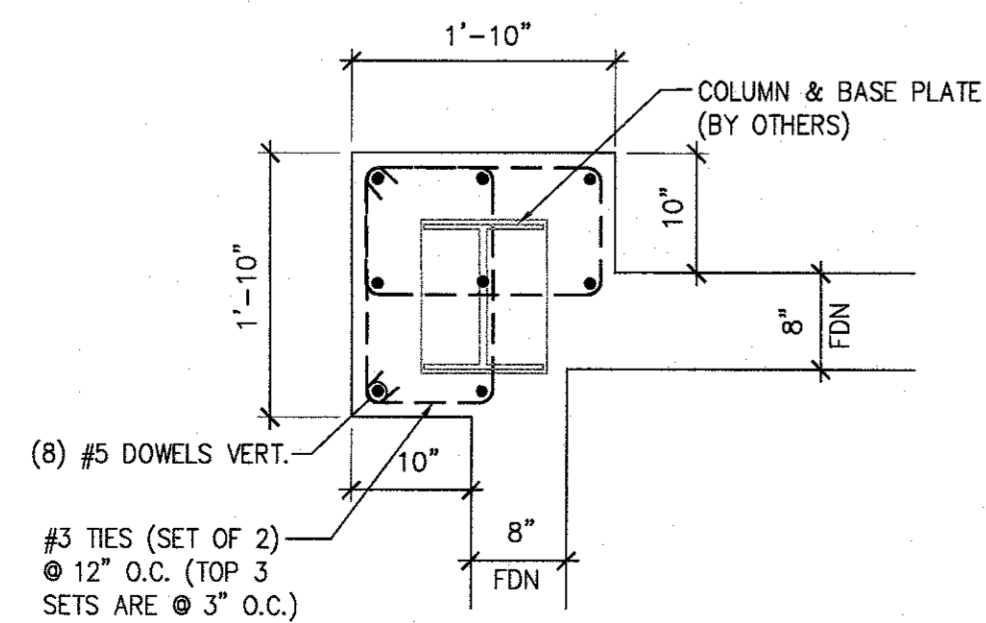
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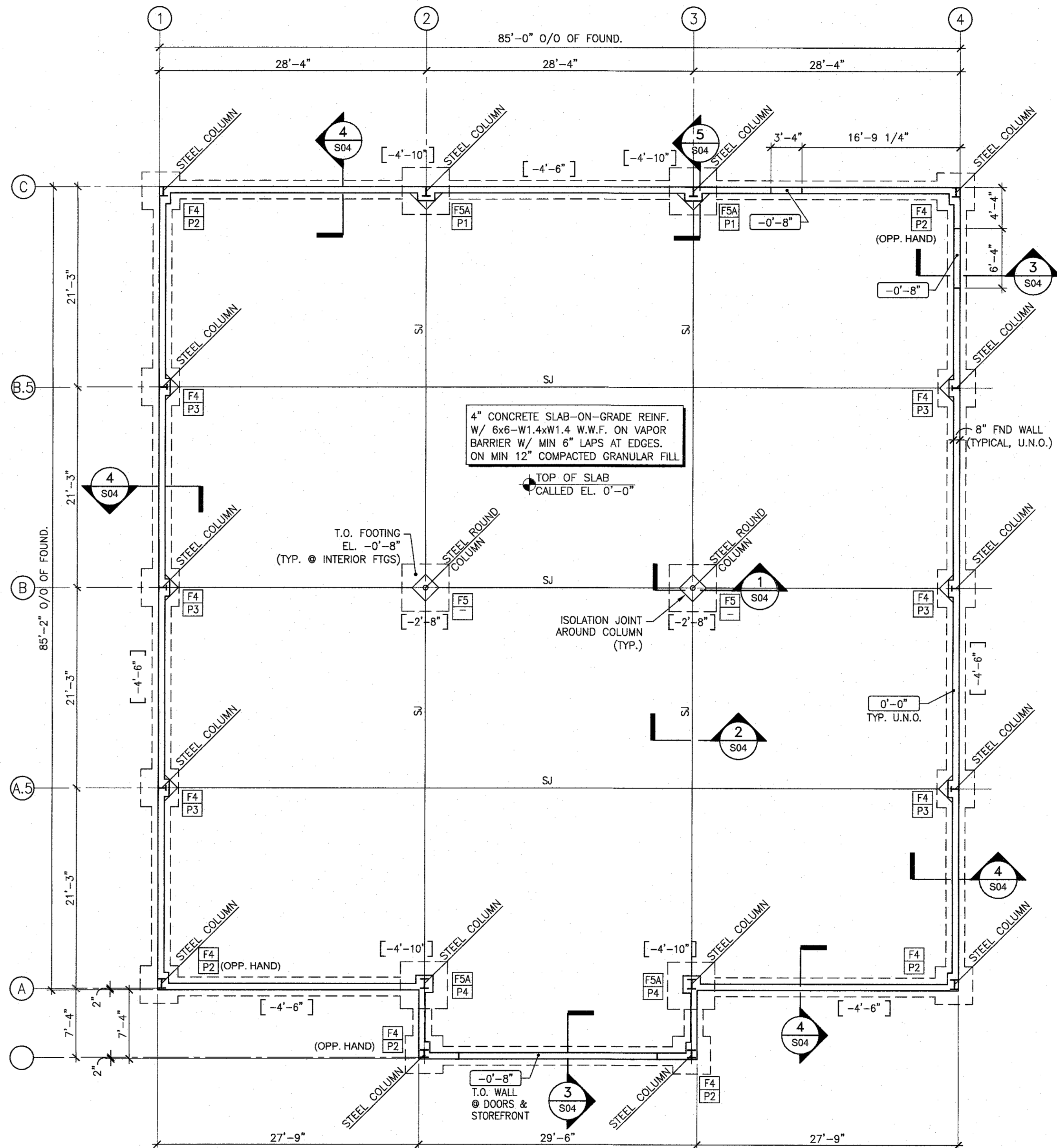
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3 PIER "P3" DETAIL
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4 PIER "P4" DETAIL
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FOUNDATION PLAN

SCALE: 1/8"=1'-0"

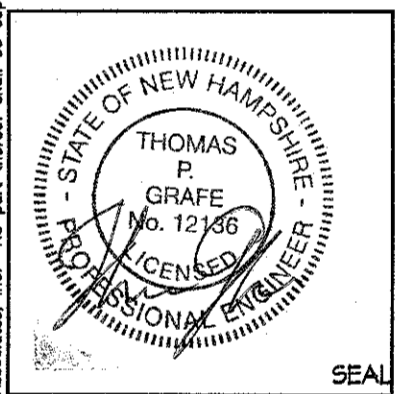
- NOTES:
1. FINISH FLOOR CALLED ELEV. = 0'-0"
 2. ALL DIMENSIONS SHALL BE COORDINATED WITH ARCHITECT'S DRAWINGS
 3. FOUNDATION MUST BE CHECKED FOR LOADS PROVIDED BY METAL BUILDING MANUFACTURER BEFORE CONSTRUCTION BEGINS.
- XX'-XX" INDICATES TOP OF WALL AND SHELF ELEV.
 XX'-XX" INDICATES BOTTOM OF FOOTING ELEV.
 (S.J.) INDICATES SHRINKAGE CONTROL JOINT (SEE TYPICAL SLAB-ON-GRADE DETAIL)

FOOTING SCHEDULE

MARK	SIZE	THICKNESS	REINFORCING
F4	4'-0" x 4'-0"	1'-0"	5-#5 EA. WAY
F5	5'-0" x 5'-0"	2'-0"	6-#5 EA. WAY
F5A	5'-0" x 5'-0"	1'-4"	6-#5 EA. WAY

04/25/17	ISSUED FOR REVIEW/PRICING
07/27/19	UPDATED PROTOTYPE
03/04/19	ISSUED FOR BUILDING PERMIT

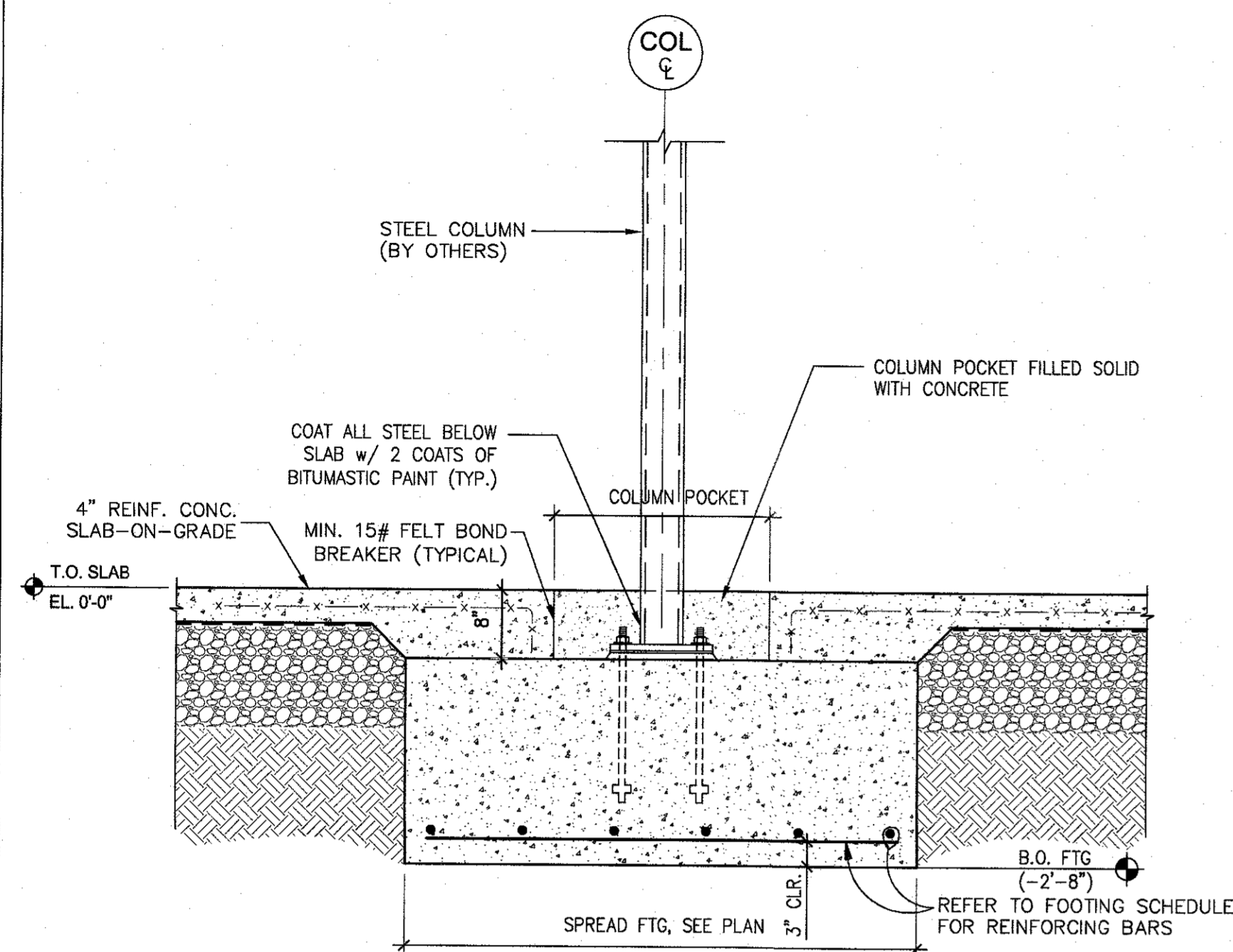
C.A. PRETZER ASSOCIATES INC.
 STRUCTURAL ENGINEERS
 50 Freeway Drive
 Cranston, RI 02920
 TEL: 401-785-2650 FAX: 401-461-9360
 DESIGN, CONSULTATION, INVESTIGATION



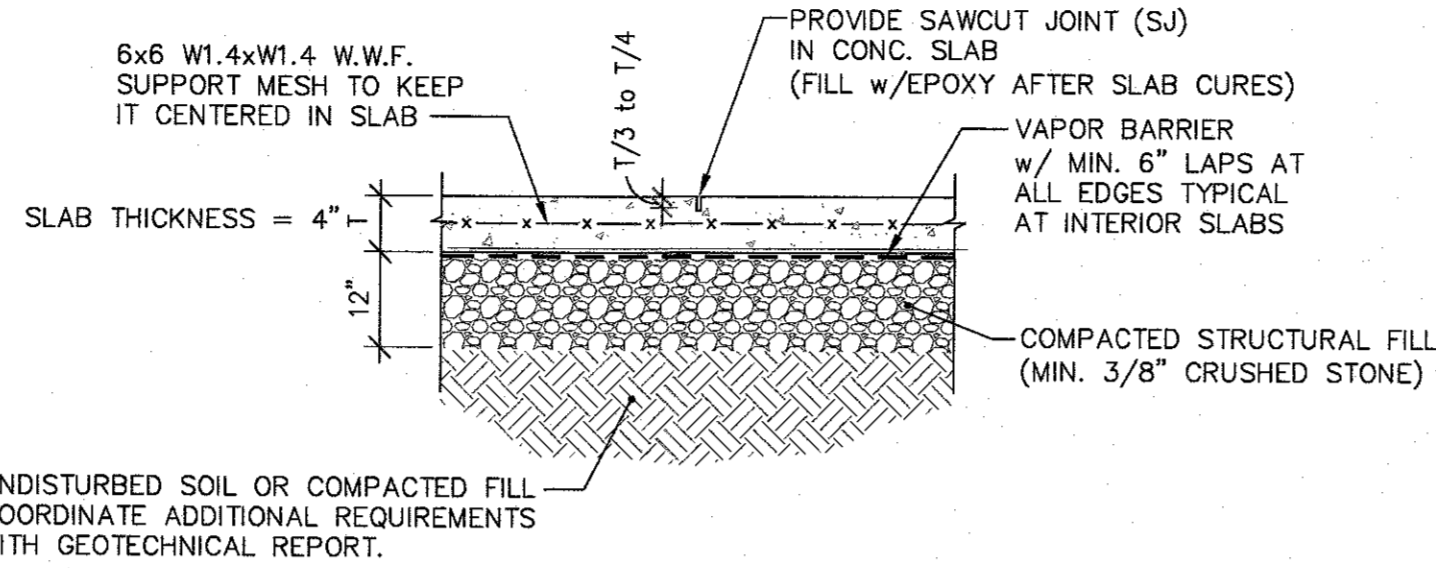
DOLLAR GENERAL
 LISCOTT DEVELOPMENT
 169 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: AG
 Checked By: JM
 Job Number: 216111

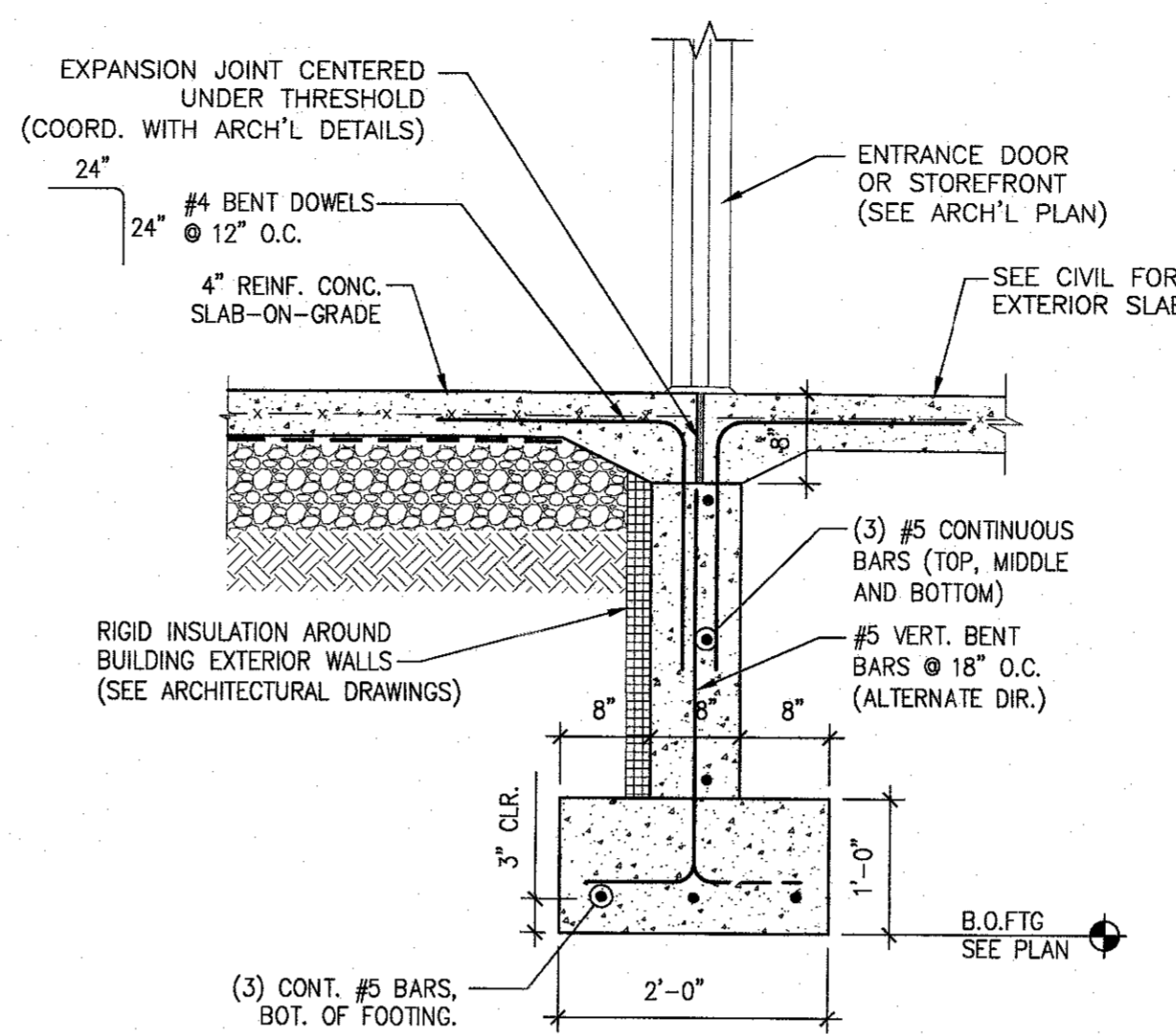
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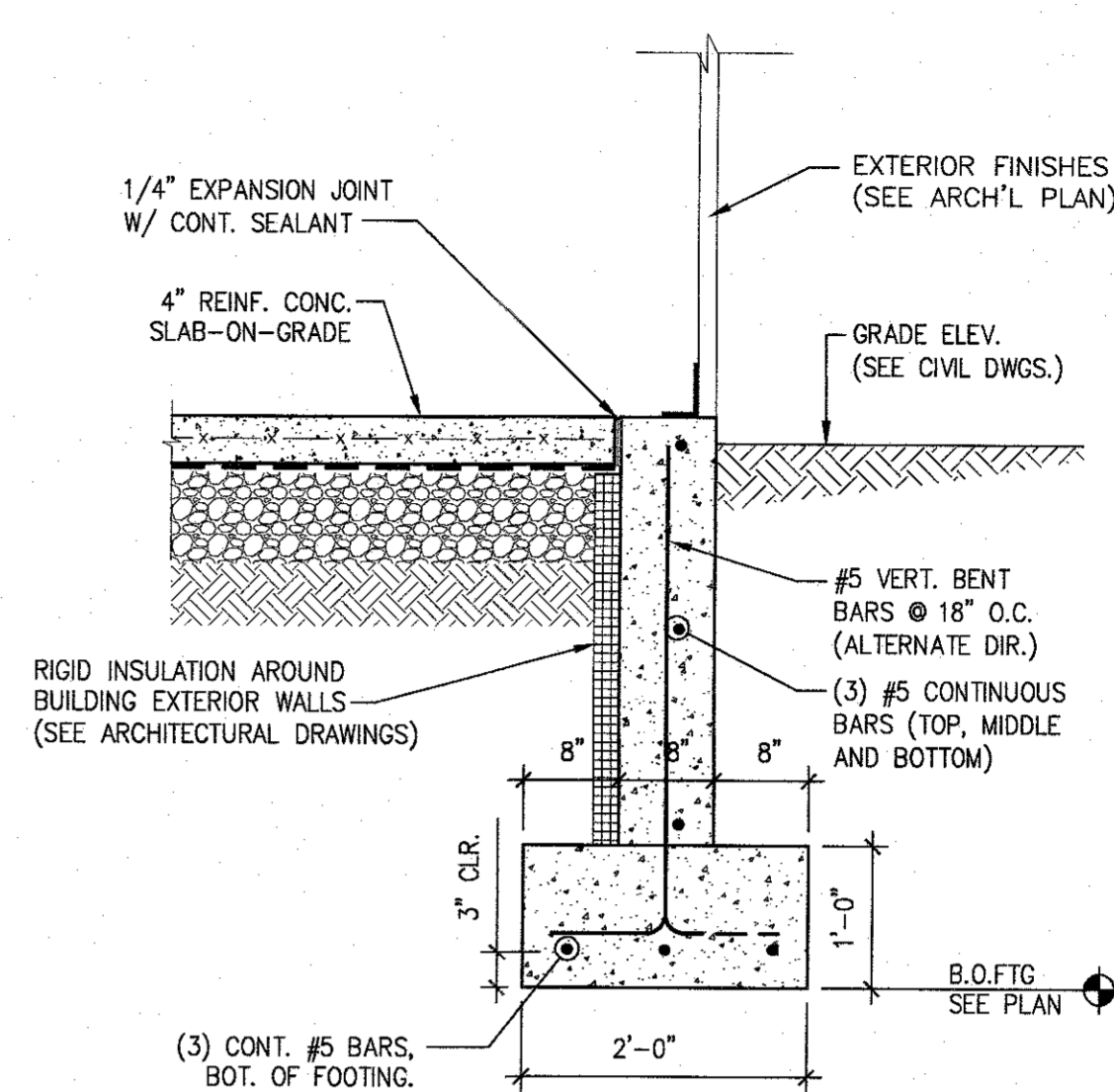
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S04 SCALE: 3/4" = 1'-0"



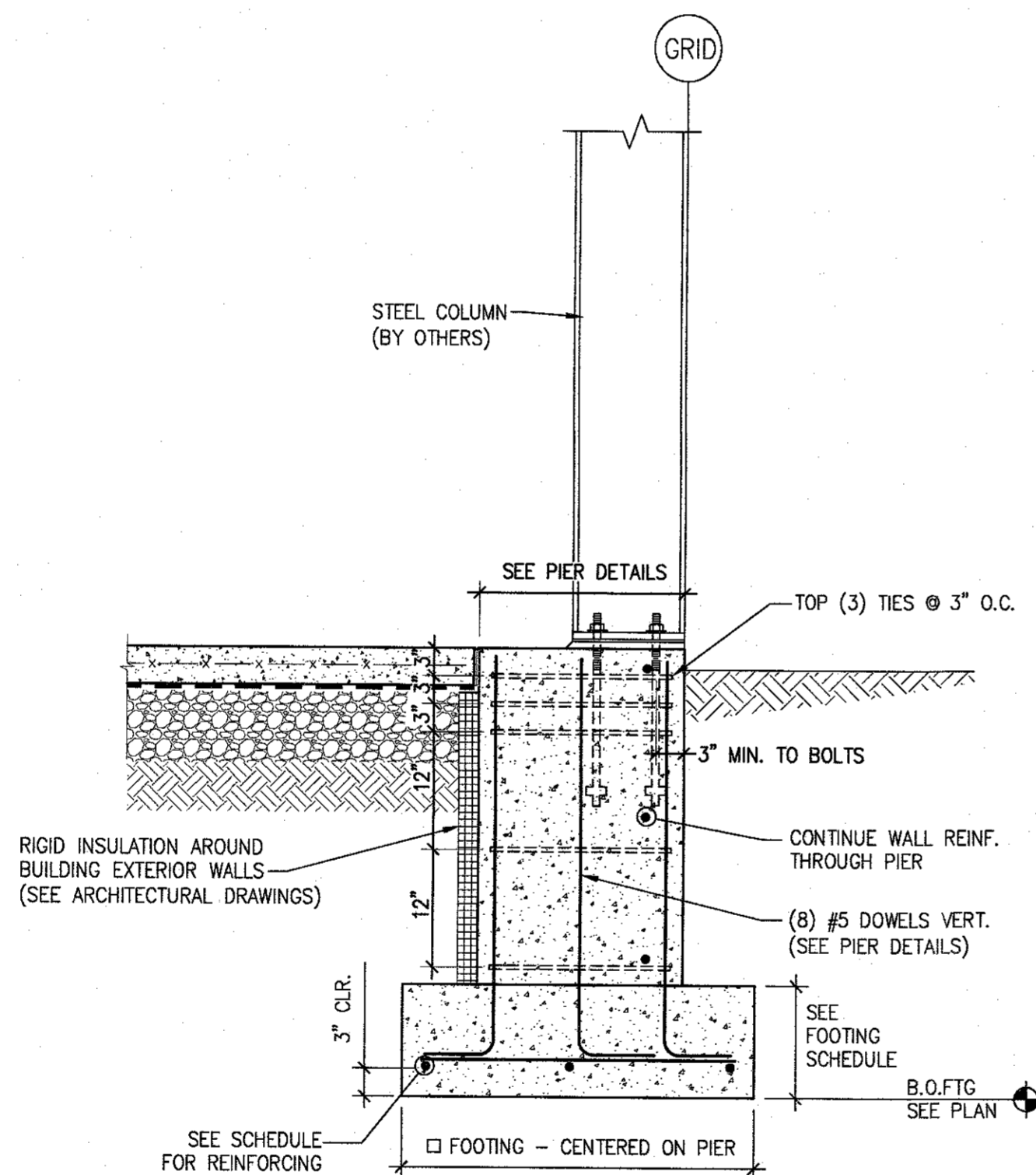
2 TYPICAL SLAB-ON-GRADE
S04 SCALE: N.T.S.



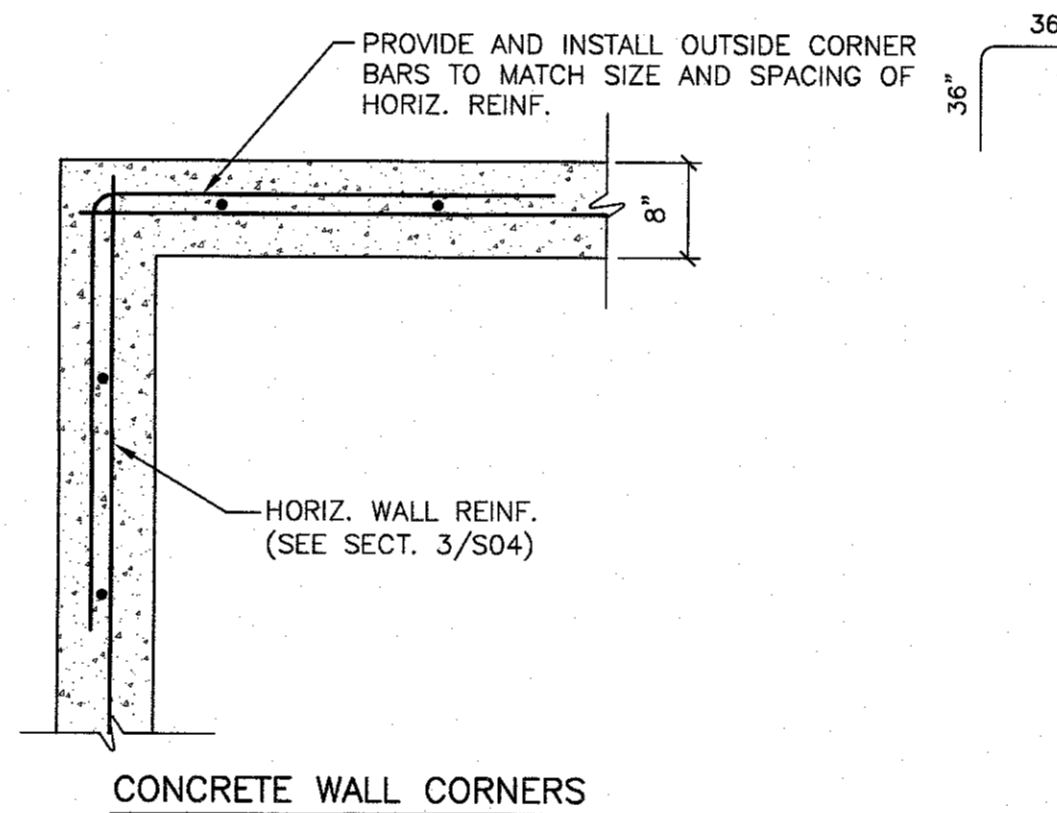
3 TYPICAL SLAB AT STOREFRONT
S04 SCALE: 3/4" = 1'-0"



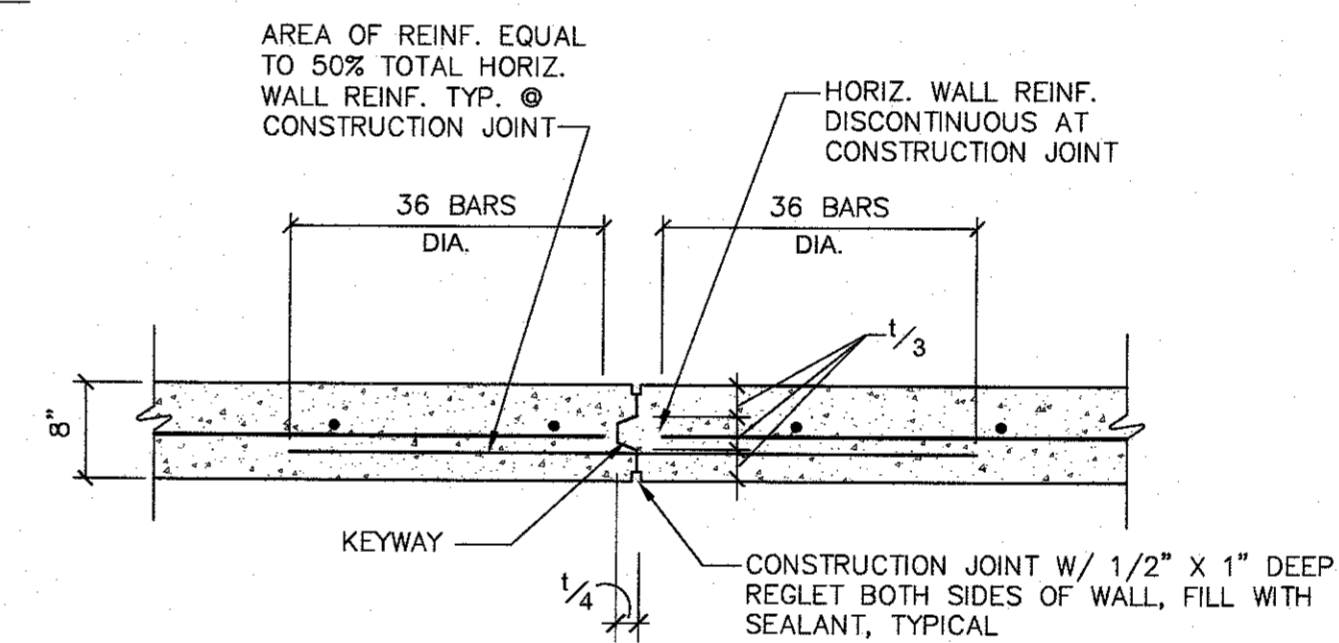
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5 TYPICAL SECTION @ COLUMN
S04 SCALE: 3/4" = 1'-0"

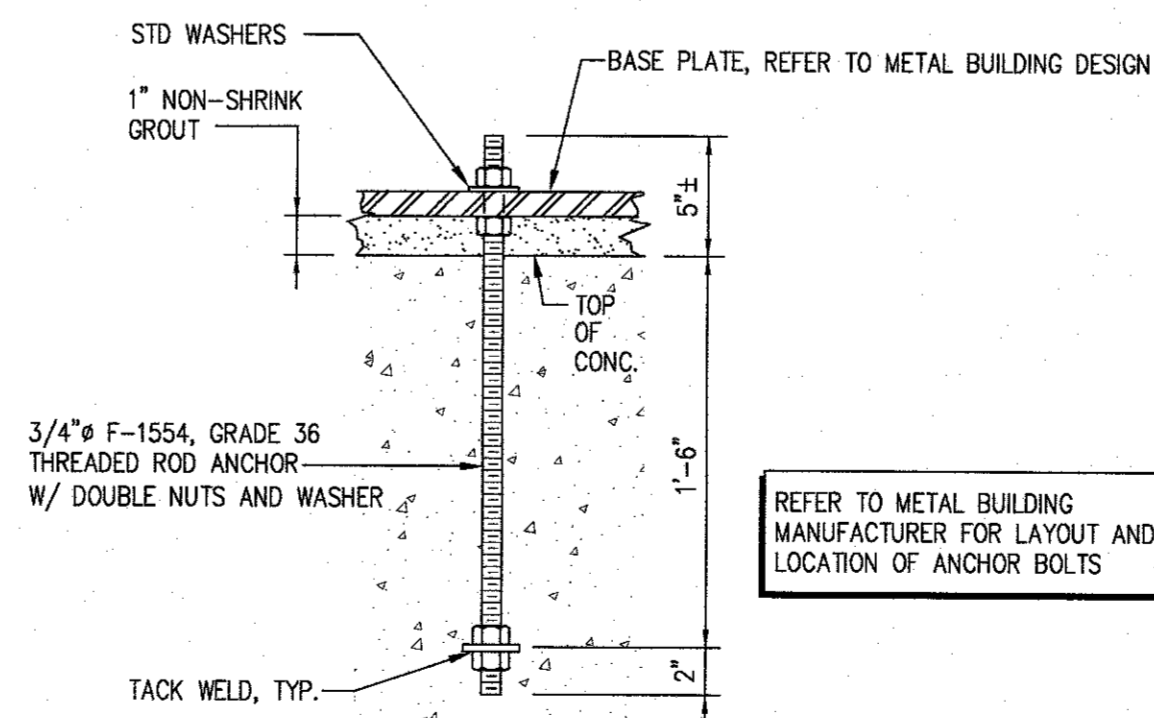


CONCRETE WALL CORNERS



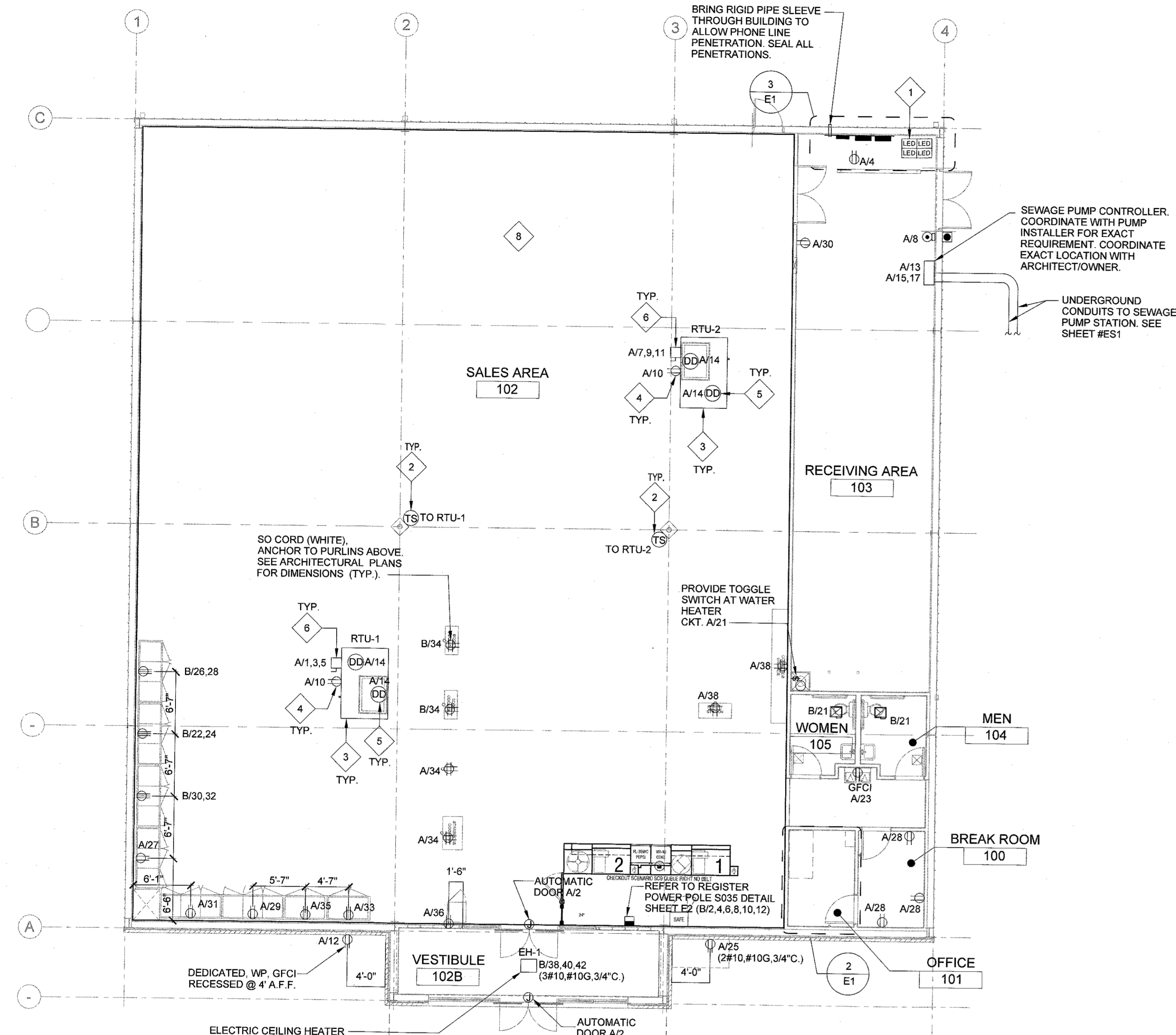
CONSTRUCTION JOINT DETAIL

6 TYPICAL CONCRETE WALL DETAILS
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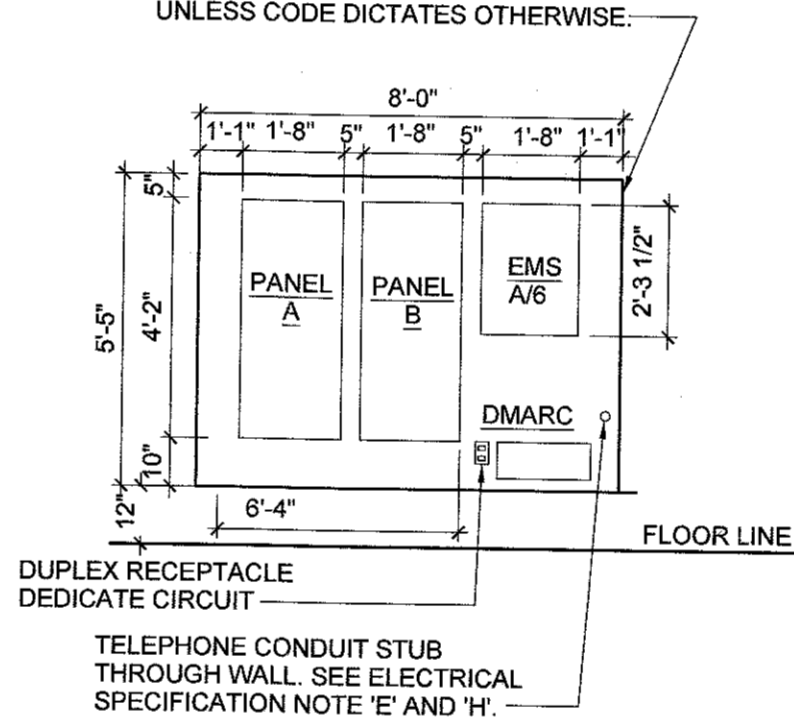
7 ANCHOR BOLT DETAIL
S04

04/25/17	ISSUED FOR REVIEW/PRICING
02/27/19	UPDATED PROTOTYPE
03/04/19	ISSUED FOR BUILDING PERMIT

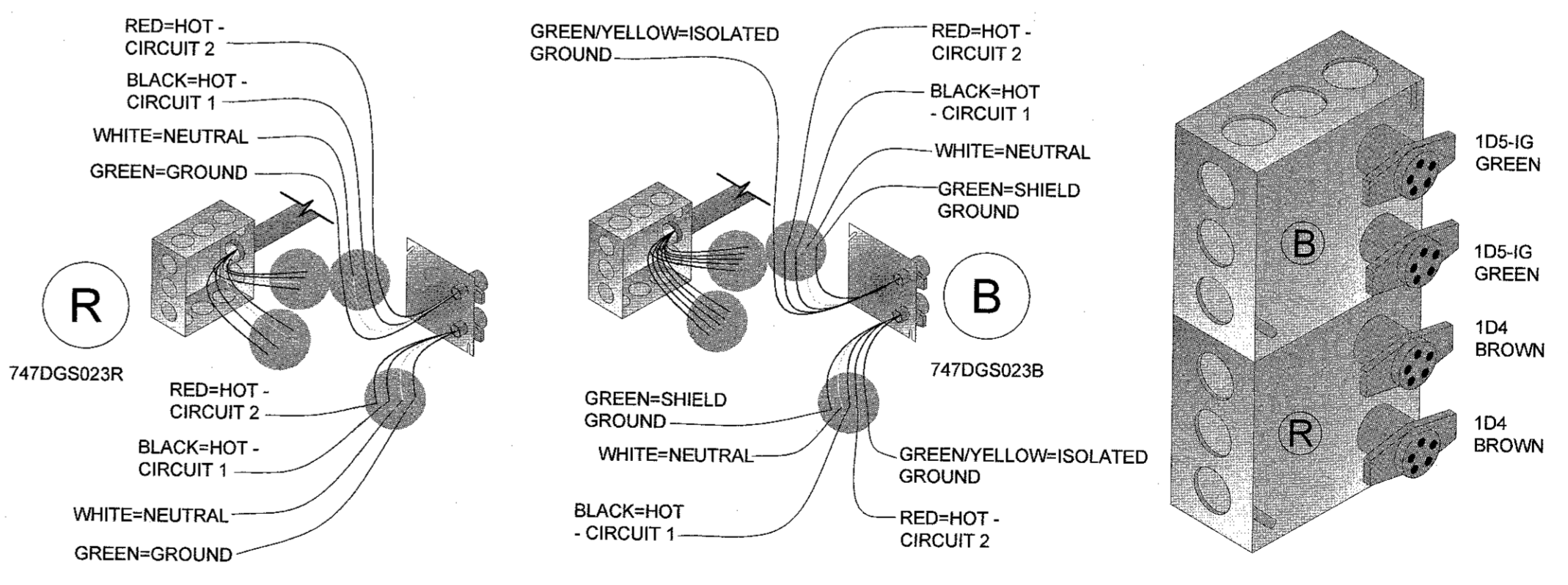
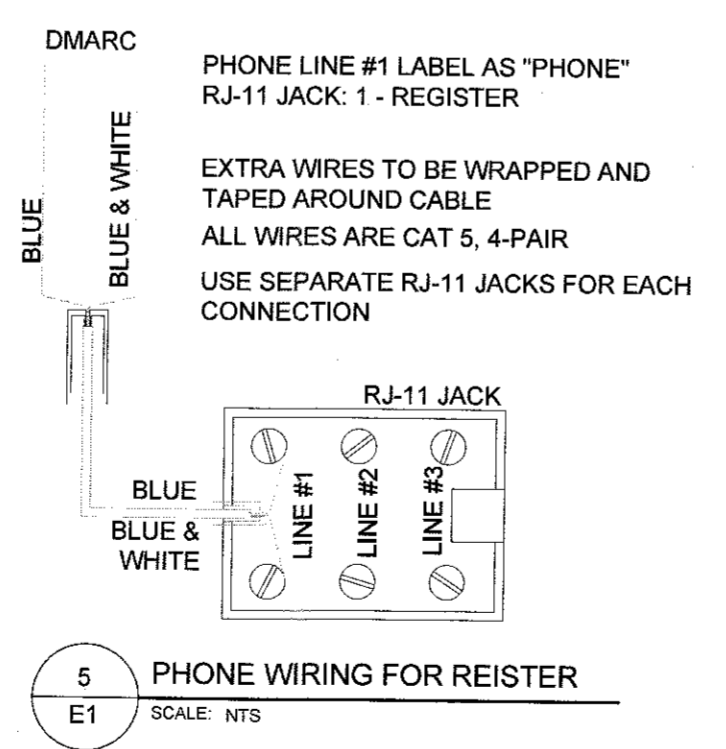
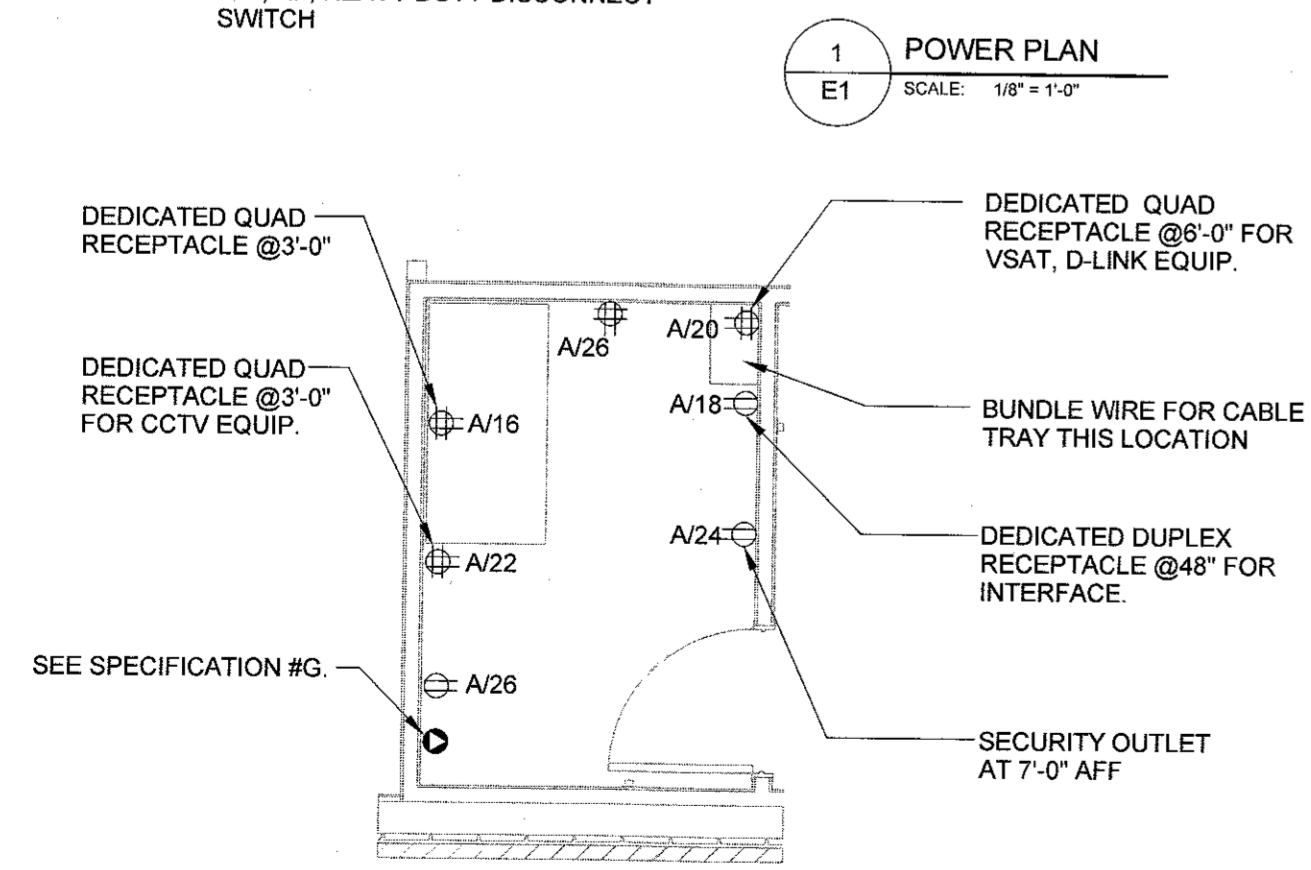


- ### ELECTRICAL KEYED NOTES
- TEST/RESET STATION FOR STAND ALONE DUCT DETECTOR. ONE FOR EACH DEVICE. SEE KEY NOTE 5 ON THIS SHEET. SIMPLEX #4098-9842 IS SPECIFIED. WITH PIEZO AND LED INDICATOR.
 - MECHANICAL THERMOSTAT AT 8'-0" A.F.F.
 - LOCATIONS SHOWN FOR MECHANICAL UNITS ARE ONLY APPROXIMATE. CONTRACTOR MUST CONSULT MECHANICAL OR STRUCTURAL DRAWINGS TO DETERMINE ACTUAL UNIT LOCATIONS. PROVIDE 1/2" PENETRATION THRU ROOF WITHIN FOOTPRINT OF UNIT FOR USE WITH CONTROL WIRING TO UNIT BY OTHERS. PROVIDE PROPER WATERSEAL. (TYPICAL)
 - FACTORY MOUNTED CONVENIENCE OUTLET (ELECTRICAL CONTRACTOR TO PROVIDE IF NOT FACTORY INSTALLED). PROVIDE CIRCUIT AS SHOWN. WIRE ALL WITH THIS NOTE TO (20A/1P) CIRCUIT BREAKER (CIRCUIT #10) IN PANEL "A" IF THEY ARE NOT POWERED.
 - PHOTOELECTRIC DUCT DETECTOR WITH HOUSING. TIE TO LED READOUT RECESSED IN DUCT. STAND ALONE DEVICE. 120V. SIMPLEX #4098-9887 IS SPECIFIED WITH 4098-9842 CONTROL STATION. PROVIDE TWO DEVICES PER UNIT. MOUNT ONE DEVICE IN SUPPLY AIR DUCTWORK AND THE OTHER DEVICE IN RETURN AIR DUCTWORK. DEVICE SHALL BE PROVIDED AND WIRED TO THE CONTROL STATION BY THE ELECTRICAL CONTRACTOR. HIRE THE MECHANICAL CONTRACTOR FOR INSTALLATION IN DUCTWORK & CONNECTION TO SHUTDOWN CONTROLS. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED RELAYS AND 120V POWER AND WIRED TO (20A/1P) CIRCUIT BREAKER (CIRCUIT #14) IN PANEL "A". DO NOT POWER DUCT DETECTORS FROM HVAC UNIT. LOW VOLTAGE SUBMIT SHOP DRAWINGS FOR APPROVAL. PLACE ANY REQUIRED LABELING ON CEILING TILE DIRECTLY BELOW UNIT. RUN CONDUIT & WIRE UNDERGROUND FROM UNIT TO INSIDE OF SPACE.
 - MOUNT DISCONNECT SWITCH AT UNIT. ALL DISCONNECTS TO BE HEAVY DUTY, NON-FUSED. SEE EQUIPMENT SCHEDULE ON E3.
 - SO WHITE ELECTRICAL CORD IS NEEDED. SEE SHEET A1, NOTE 26.
 - CONFIRM THE FINAL NUMBER AND LOCATION OF OUTLETS IN SALES AREA WITH THE FINAL DG FIXTURE PLAN.

- ### ELECTRICAL SPECIFICATIONS
- ALL WIRING SHALL BE CONTAINED IN CONDUIT OF PROPER SIZE.
 - ALL WIRING SHALL CONFORM TO LOCAL, STATE AND FEDERAL CODES.
 - SERVICE IS TO BE A MINIMUM 400 AMP, 3 PHASE (PREFERRED), 600 AMP, 1 PHASE OR LARGER IF REQUIRED BY CODE OR ELECTRICAL LOAD.
 - REQUIRED CUSTOM BUILT POWER POLE ASSEMBLIES AVAILABLE FROM D&P CUSTOM LIGHTS & PRODUCTS INC. PHONE: (800) 251-2200 OR (615) 350-7800, 7111 COCKRILL BEND INDUSTRIAL ROAD, NASHVILLE, TN 37209. SEE E3.1.
 - EXTERIOR EXPOSED PHONE LINES TO BE INSTALLED IN RIGID CONDUIT. PROVIDE EMERSON 3/4" X 5-FT. METALLIC CABLE U-GUARD #755, OR EQUAL.
 - ELECTRICAL PANEL TO BE LABELED CORRECTLY WITH LEGIBLE PRINT.
 - LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL ONE (1) 24 GA. 4 TWISTED-PAIR, CATEGORY-FIVE (CAT5) DATA CABLE WITH MODULAR COMBO RJ-11/RJ-45 JACK AT MANAGER'S OFFICE. CABLE TO BE RUN FROM JACK TO DATA HUB LOCATION WITH 6'-0" LEFT COILED FOR INSTALLATION TO DATA HUB. A RJ-45 MALE FITTING SHOULD BE CRIMPED ON THIS END. DOLLAR GENERAL STORE OPENING TEAM WILL MAKE FINAL CONNECTION INTO THE DATA HUB.
 - PROVIDE 1 1/2" EMT CONDUIT TO ACT AS ACCESS SLEEVE TO ALLOW PHONE COMPANY TO TERMINATE AT DMARC. CONTRACTOR TO PROVIDE AND INSTALL PHONE WIRING & RJ-11 PHONE JACK FOR COMPLETED WORKING SYSTEM PRIOR TO PHONE COMPANY FINAL HOOK UP.
 - ALL 120 VOLT OUTDOOR RECEPTACLES TO HAVE "WET LOCATION - IN USE" COVERS.
 - ALL CONDUCTORS TO BE COPPER, #12 AWG MINIMUM SIZE, OR AS REQUIRED BY LOAD AND OVER CURRENT PROTECTION.
 - SEE EMS SHEETS EMS1 AND EMS2 FOR ENERGY MANAGEMENT SYMBOLS AND INFORMATION.
 - ELECTRICIAN TO PROVIDE 1 1/2" CONDUIT WITH PULL STRINGS FOR SATELLITE LOCATION.
 - ALL POWER AND DATA TO BE ROUTED OVERHEAD. UNDER SLAB NOT ALLOWED.
 - WIRE SIZE TO BE #8 OR #10 FOR ALL COOLERS/FREEZERS.
 - MOUNT ALL REFRIGERATOR OUTLETS AT 12" AFF.



- ### LEGEND
- BUZZER - TORK MDL #TA725 W/ TRANSFORMER MDL#TA592
 - COMMERCIAL GRADE PUSH BUTTON
 - 125V NEMA 5-20R DUPLEX PANEL/CIRCUIT IN PANEL
 - 125/250V NEMA L14-20-R 4 PRONG TWIST LOCK
 - 125V NEMA 5-20R QUAD.
 - DISCONNECT
 - BLACK MAGIC POWER POLE
 - PHONE JACK @ REGISTER
 - VOICE/DATA PORT - RJ-11, RJ-45 DATA JACK, PHONE COMBO @ OFFICE
 - A/23 PANEL/CIRCUIT IN PANEL
 - PROVIDE OCCUPANCY LIGHT SENSOR- LEVITON ODS10-IDW
 - 20 AMP TOGGLE SWITCH
 - NIGHT LIGHT CIRCUIT



REGISTER ELECTRICAL COMPONENTS

QTY	PART NUMBER	DESCRIPTION	VENDOR
1	747DGS023B	DUAL CIRCUIT POWER KIT WITH ISOLATED GROUND	D & P
1	747DGS023R	DUAL CIRCUIT POWER KIT	D & P
1	747DGS044-12BK	12' 2CH REGULAR POLE W/2-C & 1-D CONNECTOR DRW #2004-12	
1	747DGS032A	10' CABLE KIT (SET OF 4 WHIPS)	

*NOTE: BEFORE ORDERING AND INSTALLATION OF ELECTRICAL COMPONENTS FOR REGISTERS, CONSULT FINAL FIXTURE PLAN FOR NUMBER AND LOCATION.

MAXIMUM CIRCUITS FOR REGISTERS:

- CIRCUITS AT MAIN REGISTER - (9) 110V
- CIRCUITS AT ISLAND REGISTER - (3) 110V

2 LARGE SCALE OFFICE PLAN
SCALE: NTS

5 PHONE WIRING FOR REISTER
SCALE: NTS

4 REGISTER ELECTRICAL DETAIL
SCALE: NTS

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142 Crescent Street
Brockton, MA 02302
908.563.5600
bkaarchitects.com

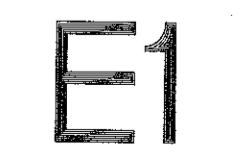
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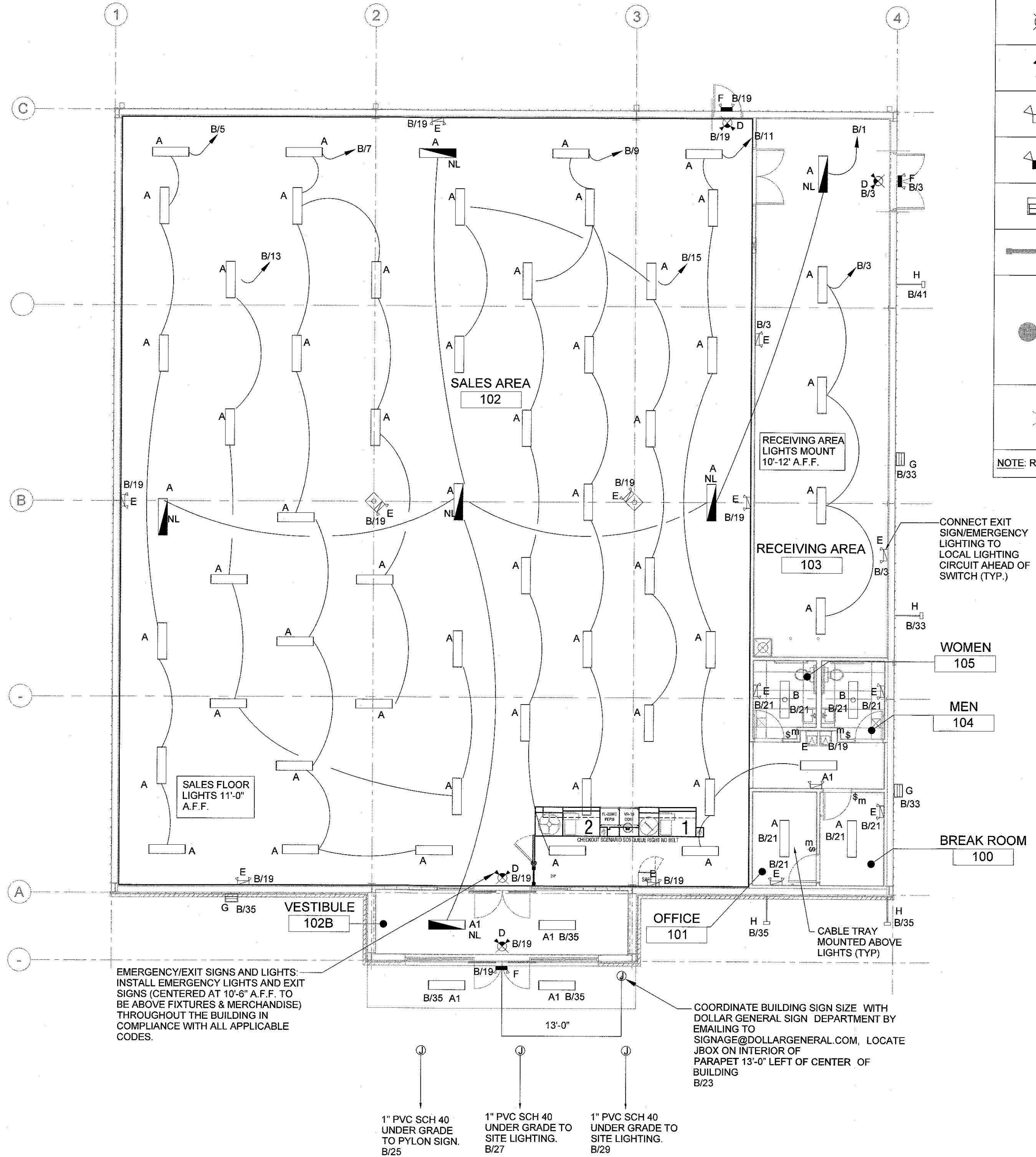
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MECHANICAL AND ELECTRICAL ENGINEERING
100 W. MAIN STREET
SUITE 200
ROCKFORD, VT 05676
P (802) 235-2338
F (802) 235-4888
www.rzdesignassociates.com

STATE OF NEW HAMPSHIRE
REGISTERED PROFESSIONAL ENGINEER
No. 15077
03-01-19 SEAL

POWER PLAN
LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 3)
BOSCOWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: RE
Checked By: REP
Job Number: 216111



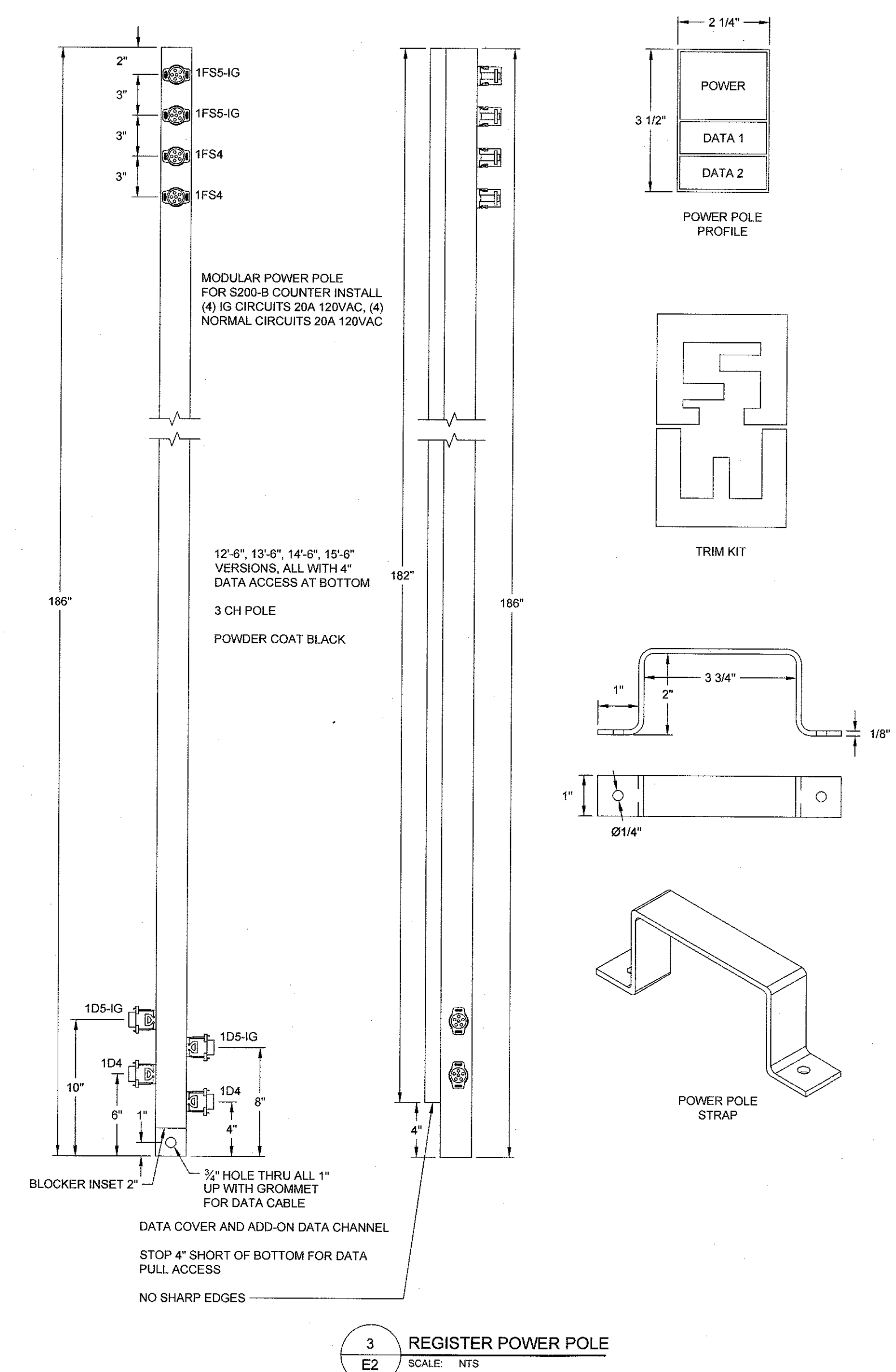


LEDS LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	MANF.	PART #	DESCRIPTION	W
—	A	ETI	54573161	4' LED FIXTURE AERIAL MOUNT INCLUDES (2) 8 FT CABLES	33
—	A1	ETI	54573161	4' LED FIXTURE SURFACE MOUNT	33
—	B	ETI	54260161	2' LED FIXTURE SURFACE MOUNT	20
⊗	C	ETI	55301101	LED EXIT SIGN	--
⊗	D	ETI	55502201	LED EXIT SIGN / EMERGENCY LIGHT COMBO WITH (2) HEADS	--
⊗	E	ETI	55501101	LED EMERGENCY LIGHT WITH (2) HEADS	--
⊗	F	ETI	55503101	LED EGRESS EMERGENCY LIGHT WITH (2) HEADS	--
—	G	TECHLIGHT	LH5WP-1N4T3F	LED WALL PACK	38
—	H	HILUMZ	HN15-150-50K-D2N-W-T5	HILUMZ FLOOD WITH 6' EXTENSION TECH LIGHT ARM	150
—	S	HILUMZ	HN15-150-50K-D2N-T5	POLE MOUNT "CONTRACTOR TO COORDINATE MOUNTING OPTION WITH ARCHITECT/OWNER" PROVIDE 15' MOUNTING POLE WITH WIND RATING SUITABLE TO STORE'S LOCATION.	150
—	W	CYCLONE	CBM1105C-CAP-3-35W-4K-120-882-NONE	BOLLARD "CONTRACTOR TO COORDINATE COLOR WITH ARCHITECT/OWNER"	35

NOTE: REFER TO SHEET 'T01' FOR NATIONAL ACCOUNT VENDORS LIST

2 CABLE TRAY PLAN AND CONDUIT DIAGRAM
SCALE: 1/16" = 1'-0"



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Boston + Brockton
142 Crescent Street
Brockton, MA 02302
508.583.5403
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RZ Design Associates, Inc.
MECHANICAL AND ELECTRICAL ENGINEERING
100 STATE ST. SUITE 200
ROCKY HILL, CT 06067
P: (860) 238-4338
F: (860) 238-4339
www.rzdesignassociates.com

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03-01-19

LIGHTING PLAN
LISCOTTIDEVELOPMENT
DOLLAR GENERAL
169 KING ST. (NH RT 3)
BOSCOWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: REP
Checked By: REP
Job Number: 216111

Drawing:
E2

NOTES	MOUNT: SURFACE	120/208	3-PHASE, 4W	PANEL	A	CAPACITY: 200A	INT CAP: 200KA	NOTES															
	LOCATION: BACK OF BLDG.			LUGS: MCB		DEMAND LOAD: 132A	AV. FAULT: 33 KA																
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	A	POLE	B	POLE	C	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	NOTES	
	1			6.0			RTU 1	60	3	B	20	1			AUTOMATIC DOOR							2	C
	3			6.0											PHONE BOARD							4	C
	5			6.0											ENERGY MANAGEMENT							6	C
	7			6.0											Buzzer System							8	C
	9			6.0											OUTDOOR HVAC REC							10	
	11			6.0											OUTDOOR DRINK VEND							12	
	13				0.1		SEWAGE PUMP ALARM	20	1	A	20	1			DUCT SMOKE DETECTOR							14	C
	15				1.2		SEWAGE PUMP	20	2	C	20	1			BREAK ROOM REC							16	C
	17				1.2										INTERFACE EQUIP							18	
	19						SPARE	20	1	A	20	1			VSAT SATE HUB EQUIP							20	
	21				1.7		WATER HEATER	20	1	B	20	1			CCTV EQUIP							22	C
	23				0.2		WATER COOLER	20	1	C	20	1			SECURITY REC							24	C
	25				0.2		OUTDOOR ICE REC	30	1	A	20	1			OFFICE REC							26	C
	C 27				1.2		COOLER #1	20	1	B	20	1			BREAK ROOM REC							28	
	C 28				1.2		COOLER #2	20	1	C	20	1			SPARE							30	
	C 31				1.2		COOLER #3	20	1	A	20	1			SPARE							32	
	C 33				1.2		COOLER #4	20	1	B	20	1			ICE CREAM FREEZER							34	C
	C 35				1.6		COOLER #5	20	1	C	20	1			GATORADE							36	C
	37						SPARE	20	1	A	20	1			BEAUTY COSMETICS							38	
	39						SPARE	20	1	B	20	1			SPARE							40	
	41						SPARE	20	1	C	20	1			SPARE							42	

NOTES	MOUNT: SURFACE	120/208	3-PHASE, 4W	PANEL	B	CAPACITY: 200A	INT CAP: 200KA	NOTES															
	LOCATION: BACK OF BLDG.			LUGS: MCB		DEMAND LOAD: 100A	AV. FAULT: 33KA																
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	A	POLE	B	POLE	C	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	NOTES	
	B,C	1					NIGHT LTS	20	1	A	20	1			PWR TERM BROWN							2	C
	B,C	3					RECEIVING LTS	20	1	B	20	1			PWR TERM BROWN							4	C
	B	5					30% SALES LTS	20	1	C	20	1			PWR TERM GREEN							6	C
	B	7					70% SALES LTS	20	1	A	20	1			PWR TERM GREEN							8	C
	B	9					70% SALES LTS	20	1	B	20	1			PWR TERM GREEN							10	C
	B	11					30% SALES LTS	20	1	C	20	1			PWR TERM GREEN							12	C
	B	13					30% SALES LTS	20	1	A	20	1			SPARE							14	
	B	15					30% SALES LTS	20	1	B	20	1			SPARE							16	
	B	17					SPARE	20	1	C	20	1			SPARE							18	
	C	19					EMERGENCY/EXIT LTS	20	1	A	20	1			SPARE							20	
	C	21			0.1		BREAK/OFFICE LTS/EFS	20	1	B	20	2			FREEZER #1							1.6	22
	B,C	23			1.2		BUILDING SIGN	20	1	C	20	2			FREEZER #2							1.6	24
	B,C	25			1.2		PYLON SIGN	20	1	A	20	2			FREEZER #3							1.6	26
	B,C	27			1.2		SITE LIGHTING	20	1	B	20	2			FREEZER #3							1.6	28
	B,C	29			1.2		SITE LIGHTING	20	1	C	20	2			FREEZER #3							1.6	30
	B	31					SPARE	20	1	A	20	1			SPARE							1.6	32
	B	33			0.5		EXTERIOR LTS	20	1	B	20	1			SODA COOLERS							1.6	34
	B	35			0.7		FRNT WALL CANOPY LGT	20	1	C	20	1			SPARE							1.6	36
	B	37					SPARE	20	1	A	20	1			SPARE							1.3	38
	B	39					SPARE	20	1	B	20	3			UNIT HEATER (UH-1)							1.3	40
	B	41			0.1		EXTERIOR DUSK/DAWN	20	1	C	20	1			SPARE							1.3	42

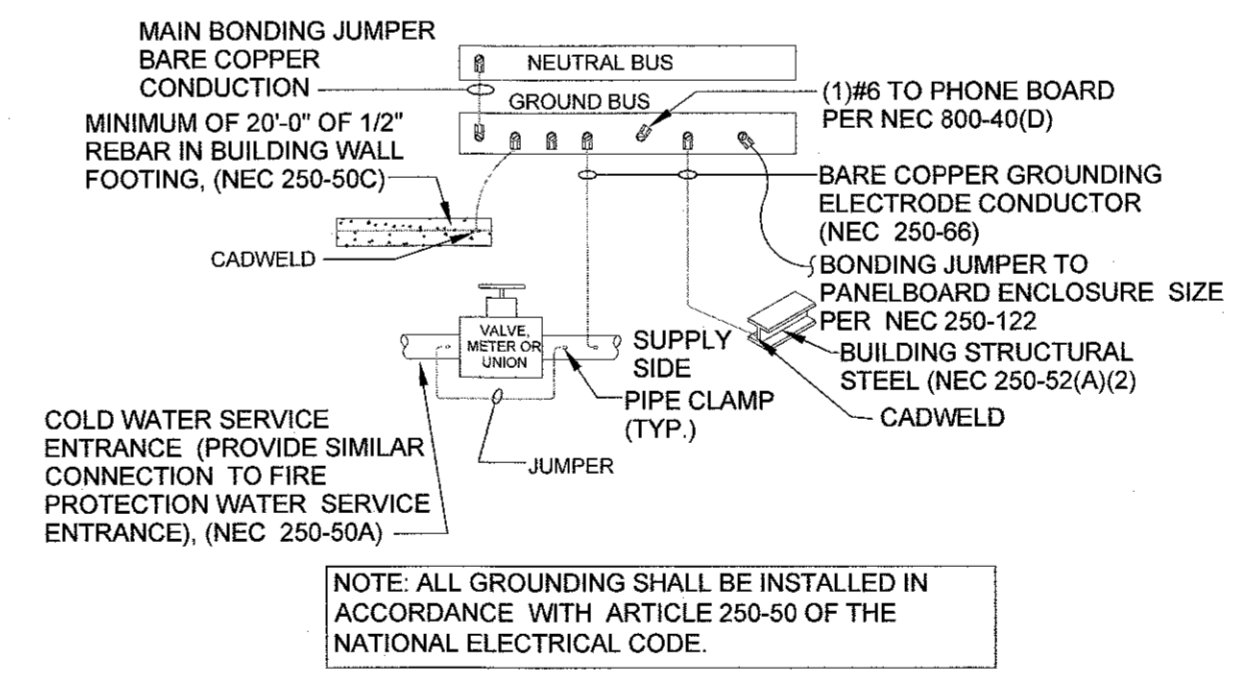
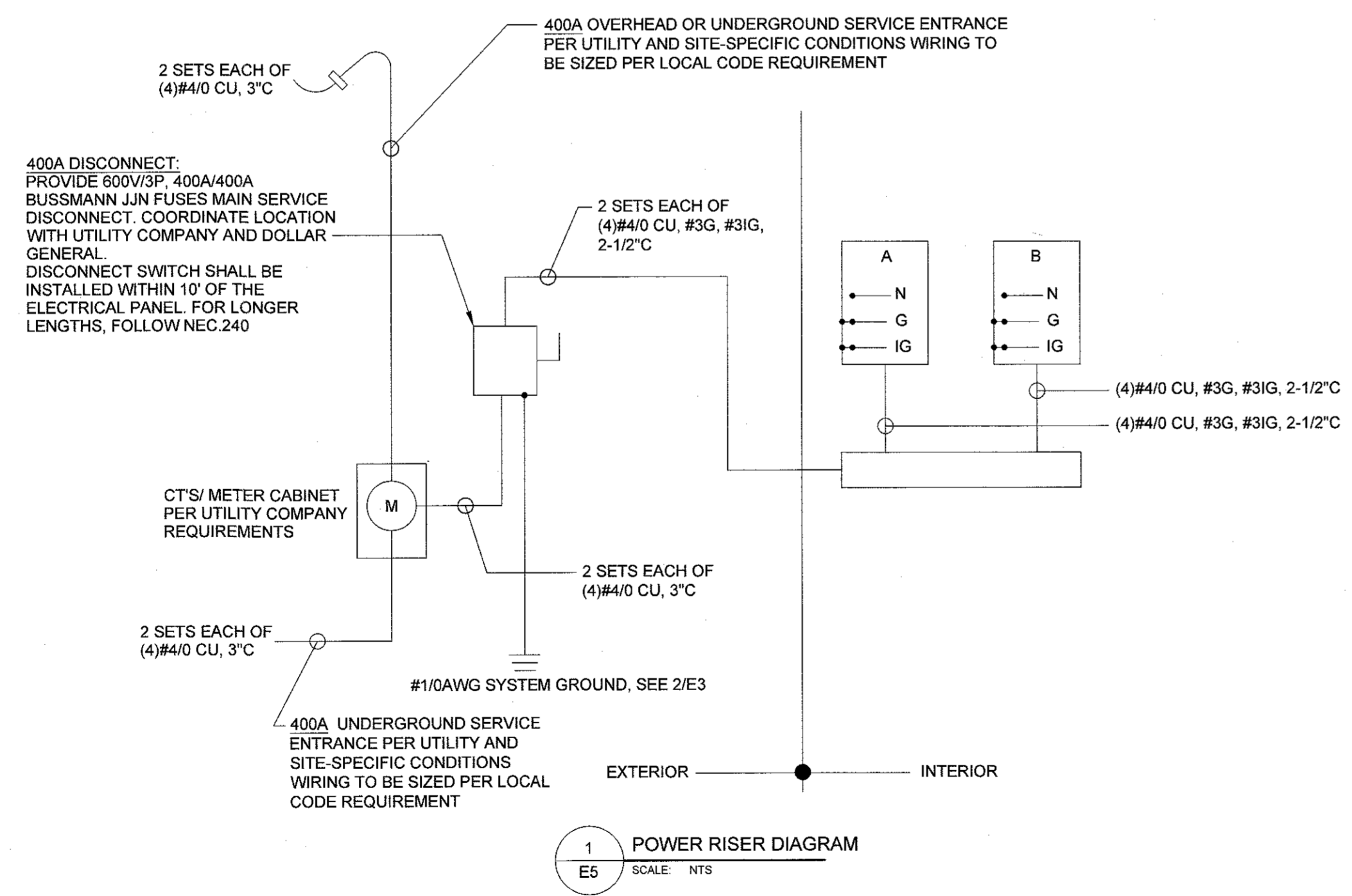
UTILITY TRANSFORMER FAULT CALCULATION		SCHEME LD RD 2	
SERVICE ENTRANCE CALCULATION			
VOLTAGE (L-L):	208V	I-FLA=[RATED KVA * 1000]/	
PHASE (PH):	3	[V-LL*SQRT(PHASE)]	
AMPS:	400A	I-FLA=	416A
FULL LOAD KVA:	144KVA	M=100%Z=	93.5
TRANSFORMER:	150KVA	I-SC=I-FLA*M=	39 KA
IMPEDANCE (%Z):	1.1%Z		

MOTOR LOAD FAULT CALCULATION		SCHEME LD RD 2	
STARTING I-SC:	39 KA	IMPEDANCE BASED ON 3 SINGLE	
MOTOR LOAD (KVA):	36KVA	CONDUCTORS IN NON-MAGNETIC	
MOTOR LOAD (A):	100A	CONDUIT	

FEEDER FAULT CALCULATION		SCHEME LD RD 2	
STARTING I-SC:	40 KA	IMPEDANCE BASED ON 3 SINGLE	
VOLTAGE (L-L):	208V	CONDUCTORS IN NON-MAGNETIC	
PHASE (PH):	3	CONDUIT	
FEEDER SIZE:	4/0	f=[SQRT(PHASE)*I-SC]/	
FEEDER MATERIAL:	CU	[Q*C*V-LL]	
PARALLEL SETS (Q):	2	f=	0.197
FEEDER LENGTH (L):	20FT	M=1/(1+f)=	0.835
FEET PER OHMS (C):	16,673 FT/OHMS	I-SC=I-SC*M=	33 KA

EQUIPMENT SCHEDULE									
PLAN MARK	EQUIPMENT SERVED	LOAD	VOLTS/ PHASE	FED BY	DISC BY	MCA	MOC/PCD	FEEDER	REMARKS
RTU 1	ROOF TOP UNIT	18.01KVA	208/3	A	EC	50.0A	60A	(3)#4,#8G 1"C	PROVIDE 60A/3P NF DISCONNECT
RTU 2	ROOF TOP UNIT	18.01KVA	208/3	A	EC	50.0A	60A	(3)#4,#8G 1"C	PROVIDE 60A/3P NF DISCONNECT

120/208	3-PHASE, 4W	PANEL	LOAD	CAPACITY: 400A	TOTAL LOAD
			CONNECTED	DEMAND	DEMAND FORMULA
			9.0 KVA	11.3 KVA	LOAD X 125% NEC 210.19 CONTINUOUS
			4.3 KVA	4.3 KVA	10KVA + 50% REMAINDER NEC 220.44
			36.1 KVA	28.9 KVA	LOAD X 80% (USED MCA IN CALCULATION)
			39.2 KVA	39.2 KVA	LOAD X 100% NEC 210.19 NON-CONT.
			0.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS NEC 220.60



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Boston + Brockton
142 Crescent Street
Brockton, MA 02302
800.953.5403
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MECHANICAL AND ELECTRICAL ENGINEERING
PROFESSIONAL ENGINEER
STATE OF NEW HAMPSHIRE
LICENSE NO. 15077
1000 WINDY HILL DRIVE
ROCKY HILL, CT 06067
P (860) 438-8838
F (860) 438-8839
www.rzdesignassociates.com

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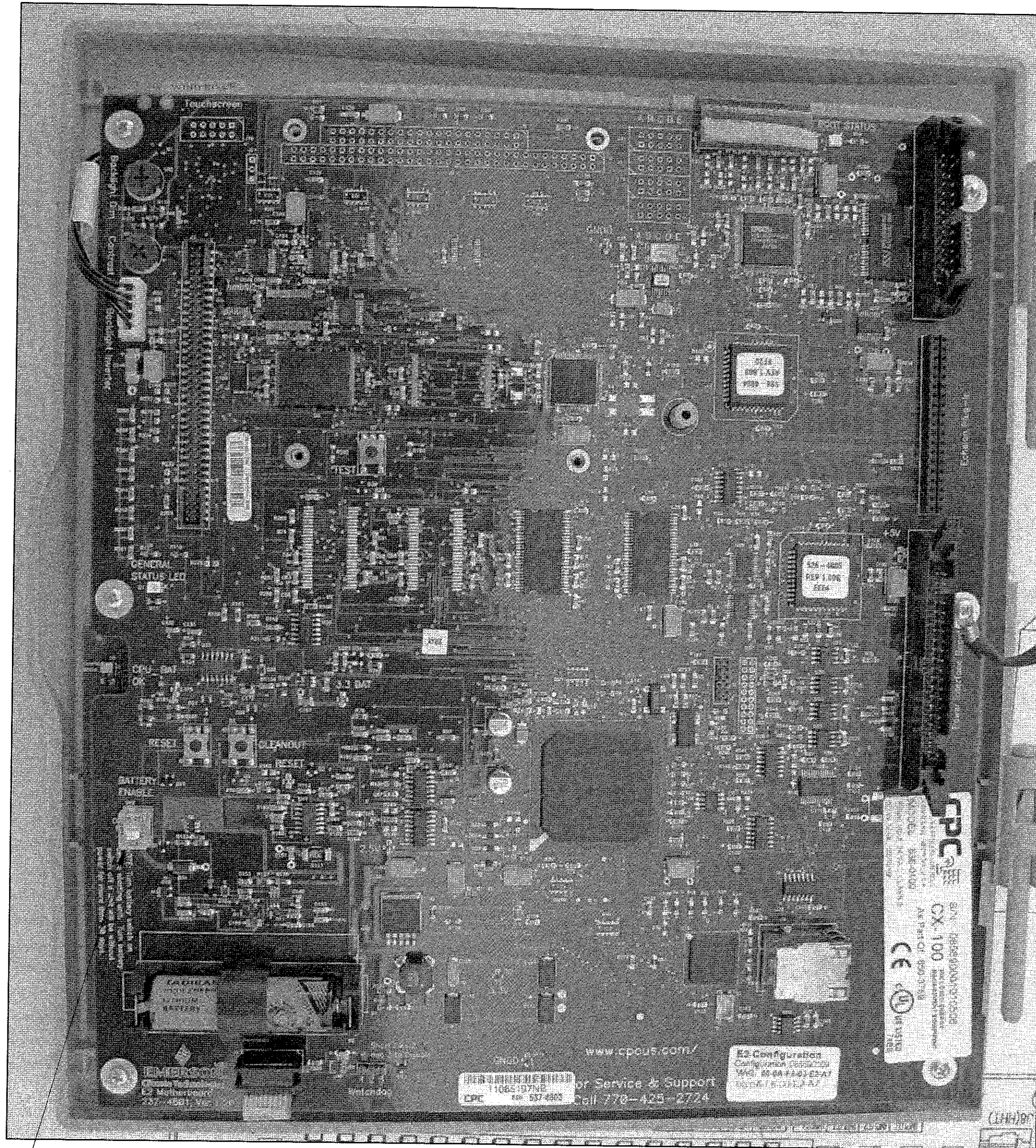
PANEL SCHEDULES
LISCOTT DEVELOPMENT

DOLLAR GENERAL

169 KING ST (NH RT 3)
BOSCOWEN, NH

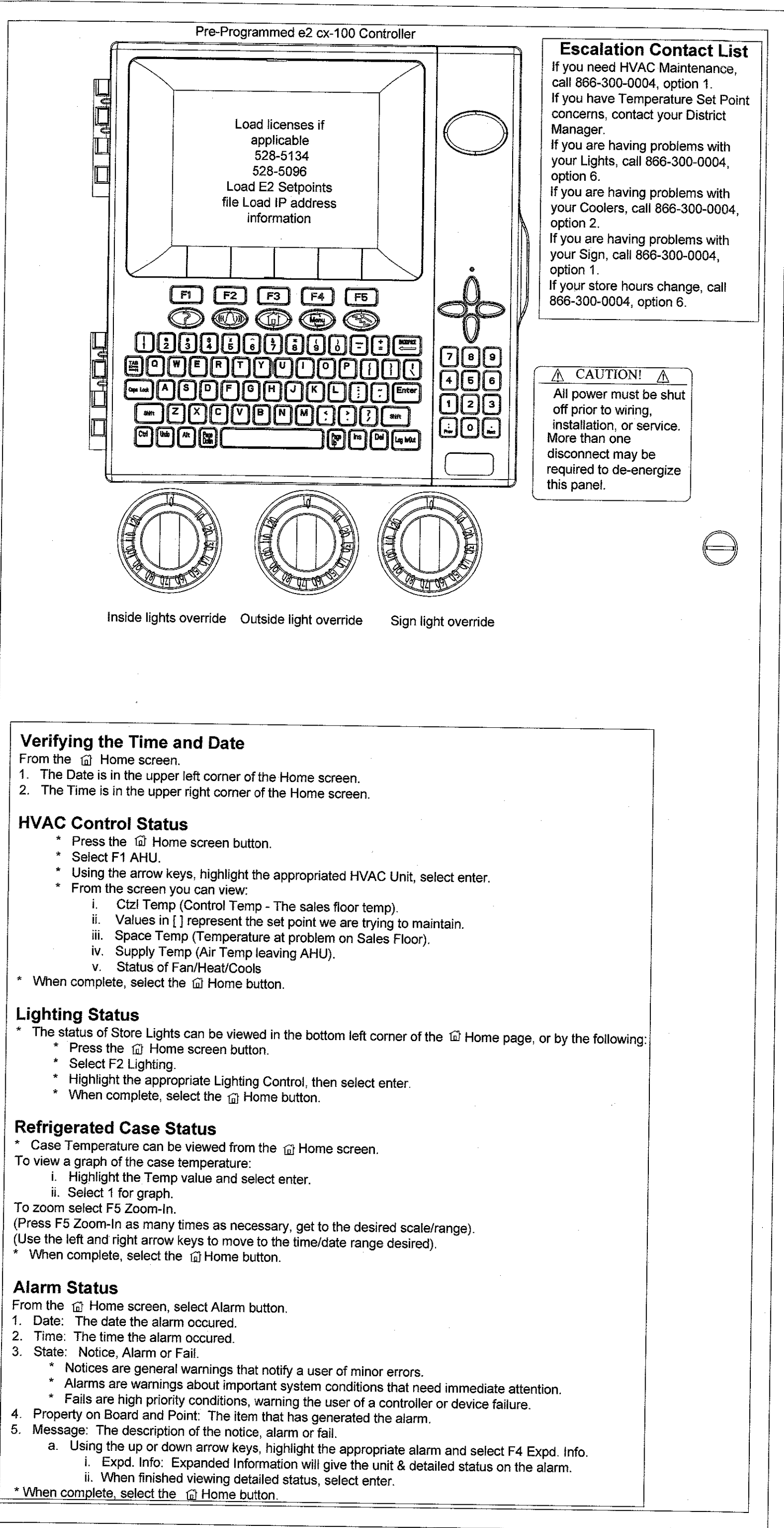
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Job Number: 21611

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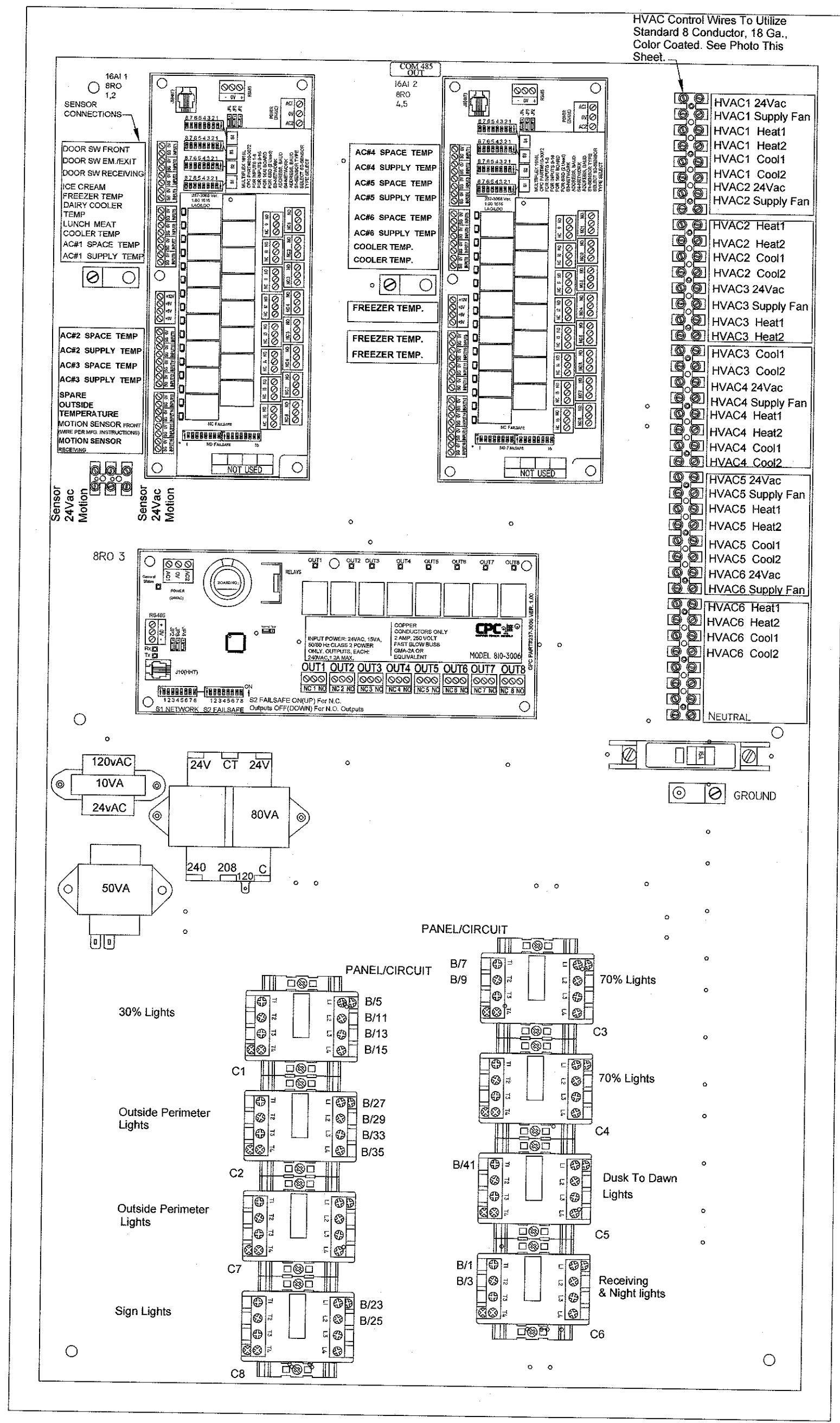
GENERAL CONTRACTOR TO ENSURE THAT THE BATTERY ENABLE IS SWITCHED TO THE "ON" POSITION

1 CPU TERMINAL DIAGRAM
SCALE: NTS



NOTE:
EMS SYSTEM SHOULD BE TESTED FOR HVAC OPERATION, INTERIOR LIGHTING, EXTERIOR LIGHTING AND SIGN LIGHTING PRIOR TO CONTRACTOR'S ELECTRICAL POSSESSION DATE. USE OUTSIDE LIGHT AND SIGN LIGHT OVERRIDE FOR EXTERIOR TESTING.

2 PROGRAMMER CONTROLLER
SCALE: NTS



TESTING NOTES
TESTING OF HVAC UNITS THRU EMS PANEL IS ACCOMPLISHED BY SIMPLY WARMING UP OR COOLING DOWN A SPACE TEMPERATURE SENSOR (USING A BLOW DRYER OR ELECTRONIC EQUIPMENT DUSTER AEROSOL) AND WATCH THE FAN, HEAT AND COOL STAGES CYCLE ON AND OFF. THIS REQUIRES TWO PEOPLE AT ALL TIMES. ONE TO WATCH THE SCREEN AND THE OTHER TO WATCH OPERATION OF THE AHU. WHEN COMPLETE, PRESS THE HOME BUTTON TO RETURN TO THE MAIN SCREEN.

EMS GENERAL NOTES
1. EMS SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL EMS PANEL REQUIRES STORE #, CITY, STATE, ZIP CODE & QTY OF HVAC UNITS OF THE INSTALL SITE WHEN ORDERING. EMS SYSTEMS INSTALLATION GUIDE WITH PHOTOS IS AVAILABLE ON NATIONAL ACCOUNT WEBSITE. ALL QUESTIONS PERTAINING TO THE EMS PANEL SYSTEM INSTALLATION & SETUP SHOULD BE DIRECTED TO EMERSON'S DOLLAR GENERAL SUPPORT TEAM AT 770-425-2724.
2. ALL SIGN & LIGHTING CIRCUITS MUST BE FED THROUGH THE DESIGNATED CONTACTORS AS NOTED ON THIS PAGE.
3. ALL LOW VOLTAGE HVAC & DOOR SENSORS MUST BE CONNECTED TO THE PROPER TERMINAL. 24 GA SHIELDED (SHIELD MUST BE GROUNDED) CABLE, BELDEN #8641, 2 CONDUCTOR WIRE OR ITS EQUIVALENT IS REQUIRED.
4. COOLER & FREEZER HOME RUNS WILL BE TERMINATED AT ALL POINTS BY DOLLAR GENERAL REFRIGERATION DEPARTMENT.

3 CONTROL WIRING DIAGRAM
SCALE: NTS

BKA ARCHITECTS
Boston + Brockton
142 Crescent Street
Brockton, MA 02302
508.583.5603
bkaarchitects.com

Revision table with columns for date, description, and author. Includes entries for 04/25/17, 02/27/19, and 03/04/19.

RZ Design Associates, Inc.
MECHANICAL AND ELECTRICAL ENGINEERING
PROFESSIONAL ENGINEER
1000 W. 10th Street
Boscawen, NH 03303
P: 603-425-2724
www.rzdesign.com

STATE OF NEW HAMPSHIRE
PROFESSIONAL ENGINEER
1000 W. 10th Street
Boscawen, NH 03303
P: 603-425-2724
www.rzdesign.com

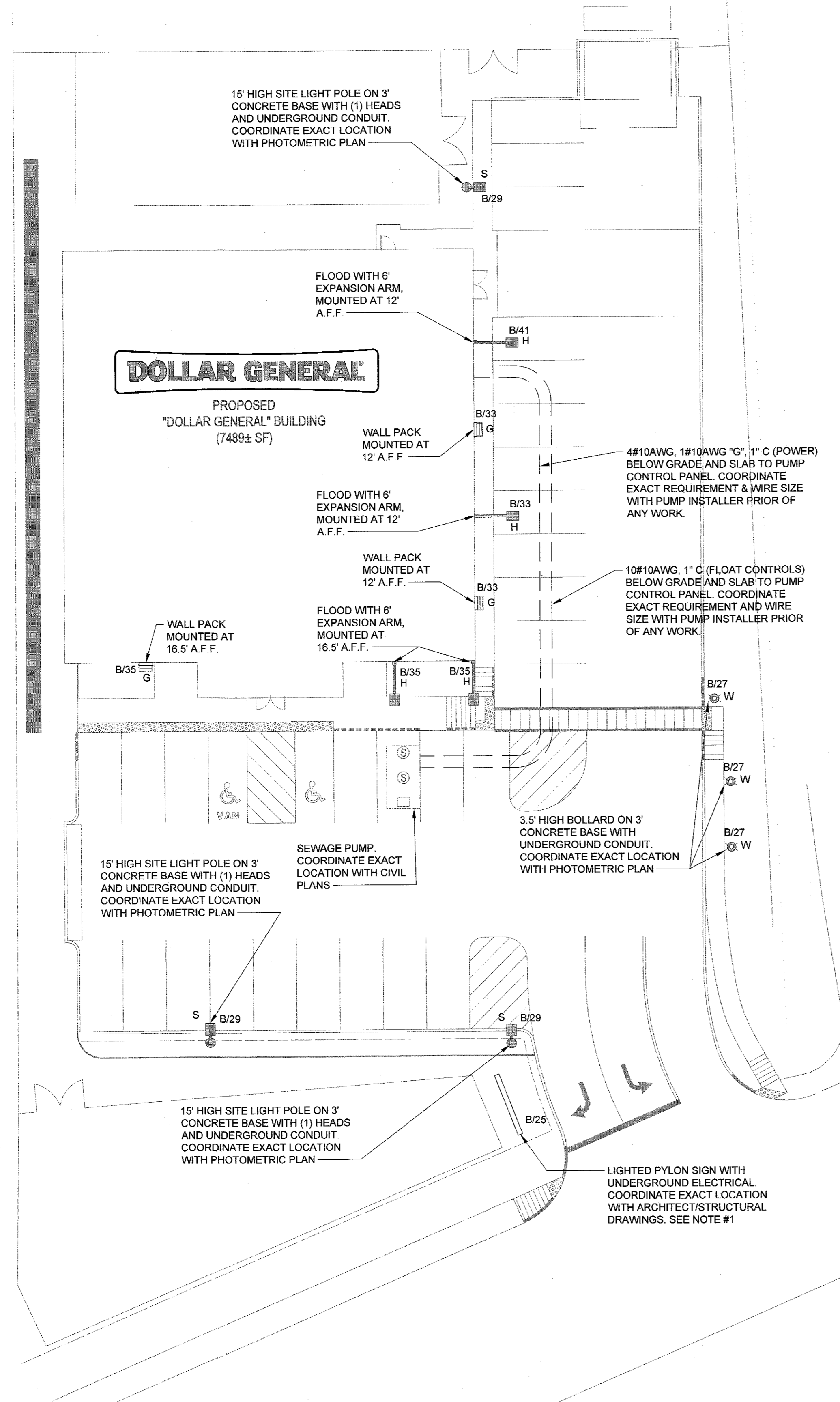
EMS PANEL & CONTROLS
LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
169 KING ST (NH RT 9)
BOSCAWEN, NH

Scale: NOTED
Date: 04/25/17
Drawn By: RE
Checked By: REP
Job Number: 216111

Drawing:
EMS2

Last edit: Mar 01, 2019 - 10:33am

Drawing name: I:\2017\17-140 Dollar General-Boscawen, NH\Drawings\Electrical\29_ES1.7500 RD-SITE_LIG.DWG



- SITE LIGHTING NOTES**
- FINAL SIGN CONNECTION AND UNDERGROUND CONDUIT IS LANDLORD RESPONSIBILITY. PROVIDE CONDUIT FROM THE ELECTRICAL PANEL TO LOCATION OF THE PYLON SIGN BASE. BURY CONDUIT UNDER PARKING AREA. THE CONDUIT IS TO BE 1" AND HAVE ONE SET TO 10/2 WIRE WITH GROUND AND A 20-AMP TWO POLE BREAKER AT THE PANEL. A TEMPORARY 3' TALL STAKE SHALL BE PROVIDED TO DESIGNATE THE PYLON SIGN LOCATION UNTIL THE SIGN IS PERMANENTLY INSTALLED. REMOVE POST AFTER SIGN IS INSTALLED.
 - SITE / PARKING LOT LIGHTING: PROVIDE ADEQUATE POLE AND/OR WALL LIGHTING FOR NIGHT VISION AROUND ENTRY, PARKING AND DUMPSTER PAD AREAS.
 - MINIMUM OF 1.5 FOOT-CANDLES REQUIRED FOR ALL PAVED AREAS EXCLUDING 15' PERIMETER FROM EDGE OF PAVEMENT.
 - REQUIRED LIGHTING: A COMBINATION OF POLE LIGHTS, FLOOD LIGHTS WITH ARM AND WALL PACKS WILL BE USED. REFER TO ELECTRICAL SITE PLAN AND SHEET E2 FOR ADDITIONAL INFORMATION.
 - PLEASE NOTE THAT LIGHTING DESIGN AND LAYOUT SHOULD BE SITE SPECIFIC & MAY REQUIRE ADDITIONAL LIGHTING TO COMPLY WITH SITE DESIGN CONDITIONS. THEREFORE, MAKE PROVISIONS FOR MORE POLE LIGHTING WHEN A SPECIFIC SITE REQUIRES IT.
 - UNDERGROUND ELECTRICAL SHALL BE PROVIDED TO THE SITE LIGHT POLES.
 - WHERE LOCAL JURISDICTIONS DO NOT ALLOW DOLLAR GENERAL'S REQUIRED LIGHTING PLAN, AN ALTERNATE SITE LIGHTING PLAN & PHOTOMETRIC PLAN MUST BE SUBMITTED FOR APPROVAL TO THE DOLLAR GENERAL ARCHITECTURAL AND ENGINEERING DEPARTMENT.
 - PHOTOMETRIC SITE ANALYSIS AVAILABLE THROUGH DOLLAR GENERAL VENDOR, LEDS LLC.
 - DOLLAR GENERAL VENDOR PRICING FOR WALL PACKS OR POLE LIGHTING AVAILABLE FROM LEDS LLC.
 - SEE SHEET E2 FOR MORE INFORMATION.
 - VERIFY LOCAL DARK SKY REQUIREMENTS AND CONTACT VENDORS FOR APPROVED ALTERNATES IF REQUIRED.

LIGHT FIXTURE DESCRIPTION

SYMB	TYPE	MANF	PART #	DESCRIPTION	COUNT	WATTS
[Symbol]	G	TECH LIGHT	LH5WP-1N4T3F	WALL PACK	3	36
[Symbol]	H	HILUMZ	HN15-150-50K-02N-W-T5	HILUMZ FLOOD WITH 6' EXTENSION TECH LIGHT ARM	4	150
[Symbol]	S	HILUMZ	HN15-150-50K-02N-T5	POLE MOUNT "CONTRACTOR TO COORDINATE MOUNTING OPTION WITH ARCHITECT/OWNER" PROVIDE 15' MOUNTING POLE WITH WIND RATING SUITABLE TO STORE'S LOCATION.	3	150
[Symbol]	W	CYCLONE	CBM1105C-CAP-3-35W-4K-120-8B2-NONE	BOLLARD "CONTRACTOR TO COORDINATE COLOR WITH ARCHITECT/OWNER"	3	35

BAK ARCHITECTS
 Boston + Brockton
 142 Crescent Street
 Brockton, MA 02302
 508.583.5603
 bakarchitects.com

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RZ Design Associates, Inc.
 MECHANICAL AND ELECTRICAL ENGINEERING
 789 Main Street
 North Attle, MA 02061
 P: 508-426-4230
 F: 508-426-4240
 www.rzdesignassociates.com

STATE OF NEW HAMPSHIRE
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 No. 15077
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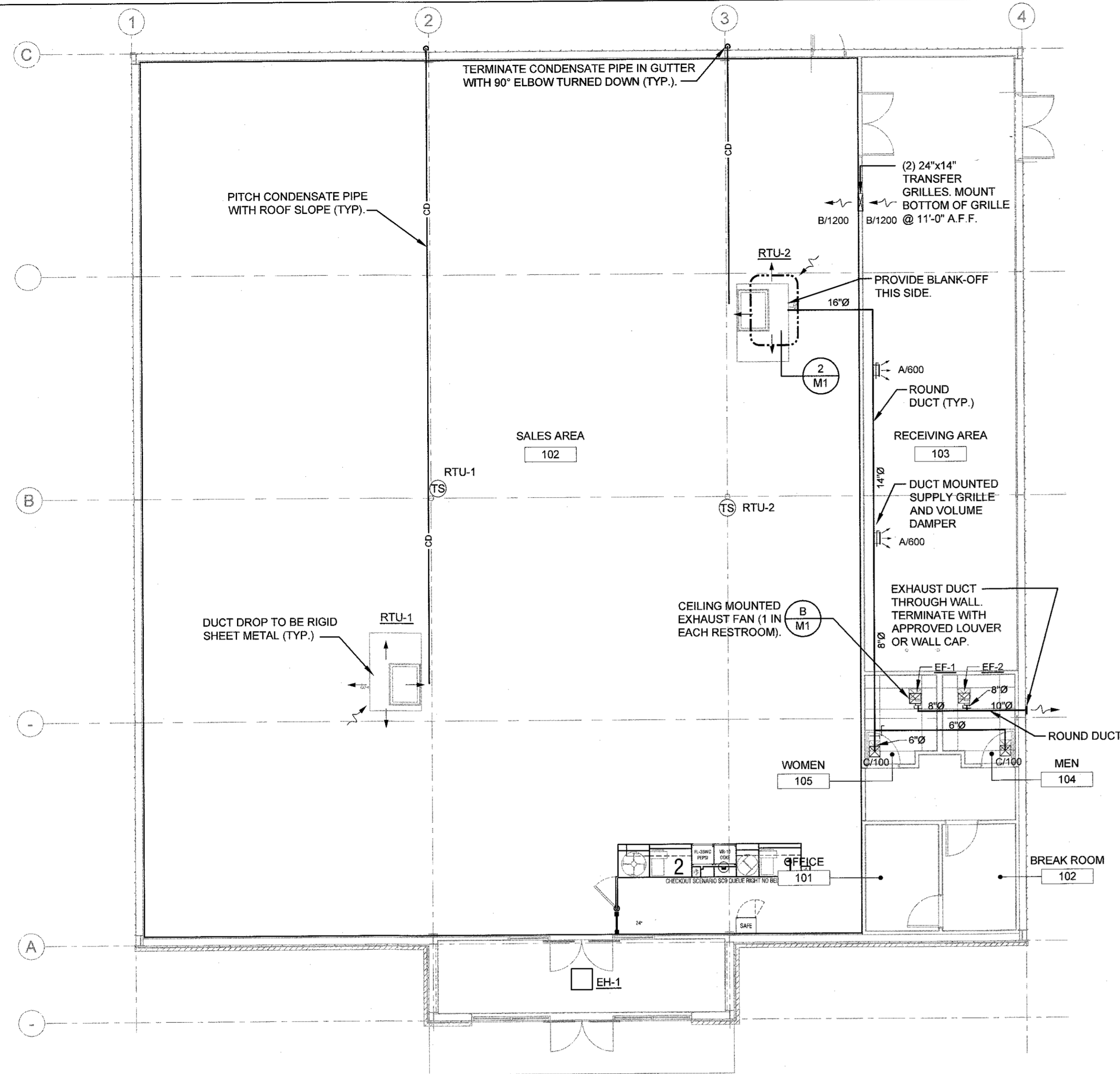
SITE LIGHTING PLAN
 LISCIOTTI DEVELOPMENT
DOLLAR GENERAL
 188 KING ST (NH RT 3)
 BOSCAWEN, NH

Scale: NOTED
 Date: 04/25/17
 Drawn By: RE
 Checked By: REP
 Job Number: 216111

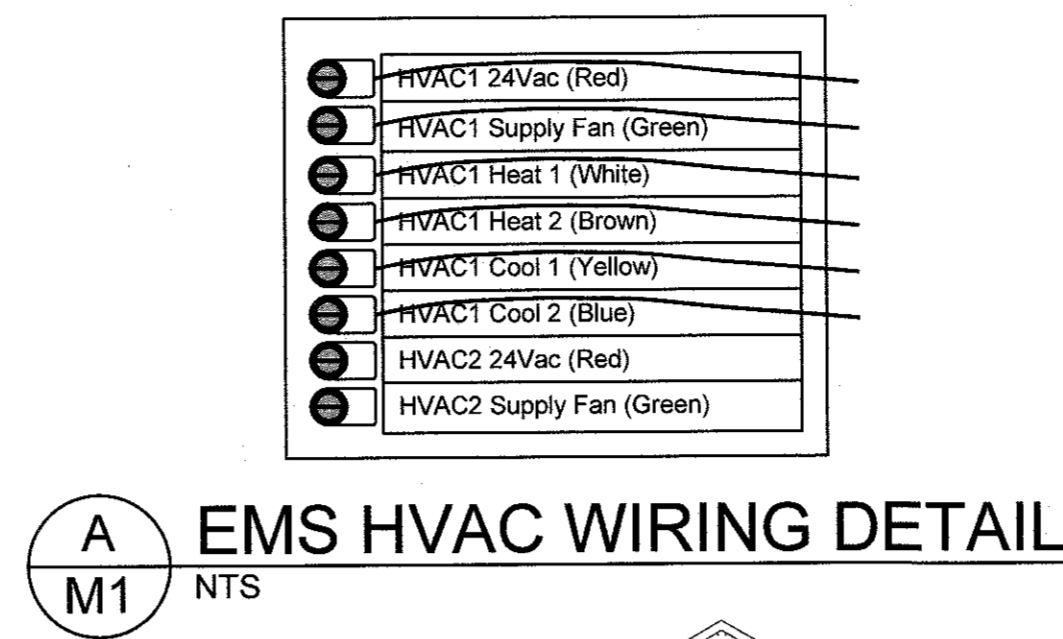
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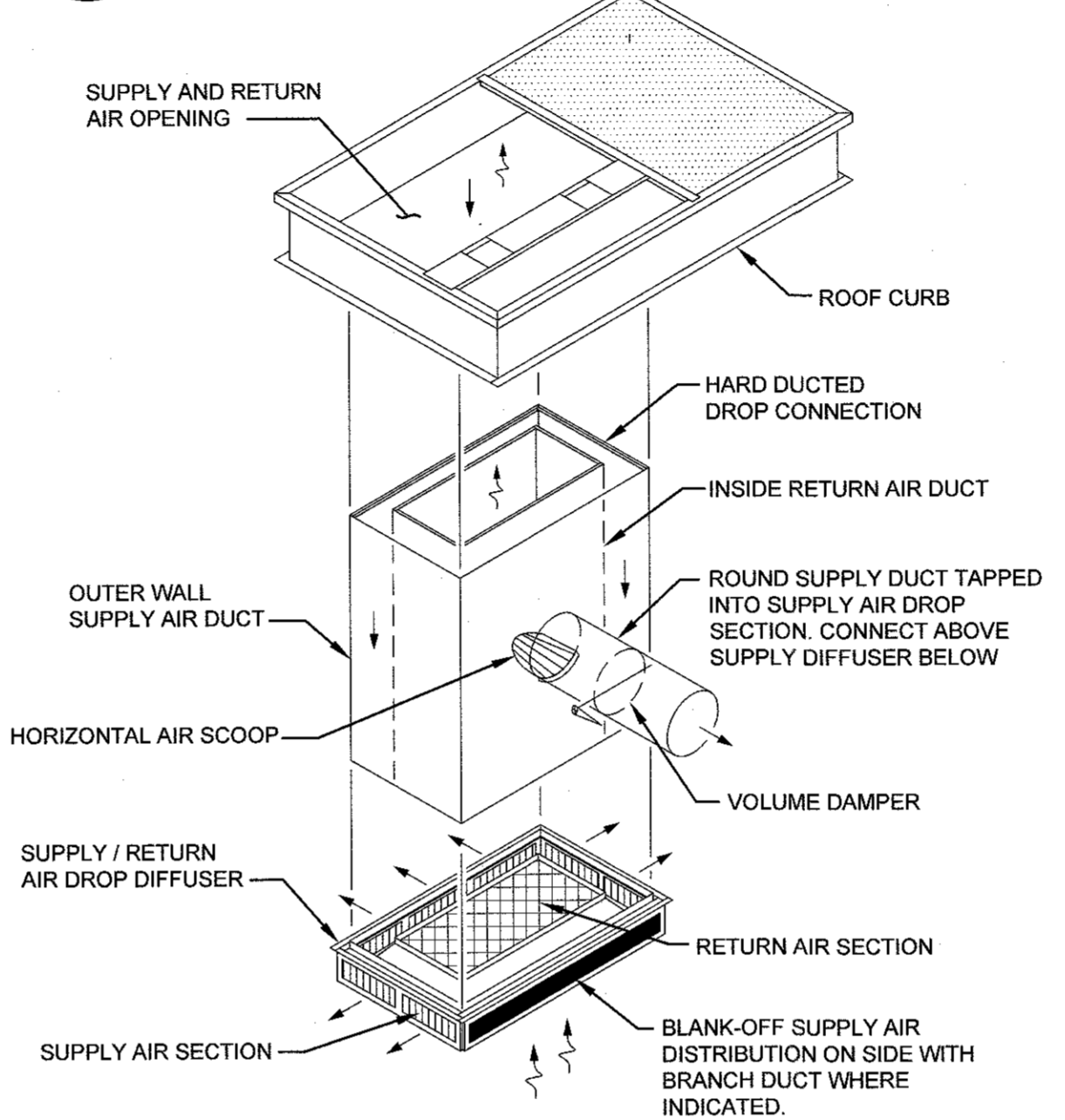
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1
M1
HVAC LAYOUT
SCALE: 1/8" = 1'-0"



A
M1
EMS HVAC WIRING DETAIL
NTS



B
M1
EXHAUST FAN DETAIL
CEILING MOUNTED
NTS

- NOTES AND SPECIFICATIONS**
- ALL MECHANICAL WORK SHALL BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS AND ORDINANCES AND IN A MANNER SATISFACTORY TO THE AUTHORITY HAVING JURISDICTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND PAY ALL APPLICABLE FEES.
 - ALL HVAC EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY AS TO REDUCE VIBRATION TRANSMISSION TO STRUCTURAL MEMBERS.
 - TESTING OF HVAC UNITS THRU EMS PANEL IS ACCOMPLISHED BY WARMING UP OR COOLING DOWN A SPACE TEMPERATURE SENSOR AND WATCH THE FAN, HEAT AND COOL STAGES CYCLE ON AND OFF. THIS REQUIRES TWO PEOPLE AT ALL TIMES... ONE TO WATCH THE SCREEN AND THE OTHER TO WATCH OPERATION OF THE AHU. WHEN COMPLETE, PRESS THE HOME BUTTON TO RETURN TO THE MAIN SCREEN.
 - COORDINATE RTU SENSORS LOCATIONS WITH SHEET EMS1.
 - POWER TO RTUS LISTED IN PREFERENCE ORDER.
 - PROVIDE CEILING MOUNTED FANS FOR RESTROOMS. INTERLOCK WITH RESTROOM LIGHTS. VENT THRU SIDE WALL.
 - NO DEVIATIONS FROM SPECIFICATIONS IS ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY DOLLAR GENERAL. ANY DEVIATION FROM THE SPECIFICATIONS WILL BE DONE AT THE SOLE RISK OF THE CONTRACTOR.

ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER	MODEL NO.	CAPACITY	VOLTAGE	REMARKS
EH-1	QMARK	CDF-548	4.0 kW	208V/3Ø	PROVIDE WITH RECESSED MOUNTING FRAME PROVIDE WITH T-STAT

2
M1
BRANCH CONNECTION DETAIL
NTS

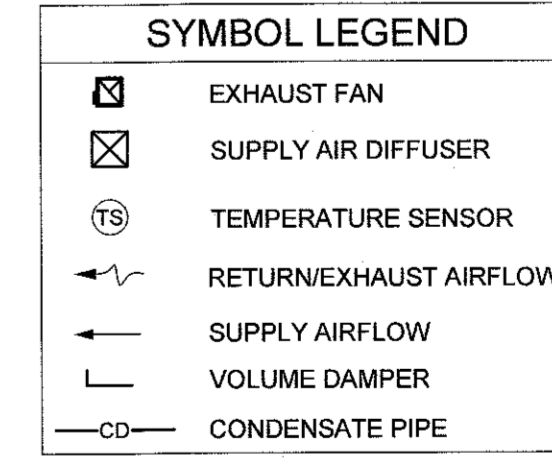
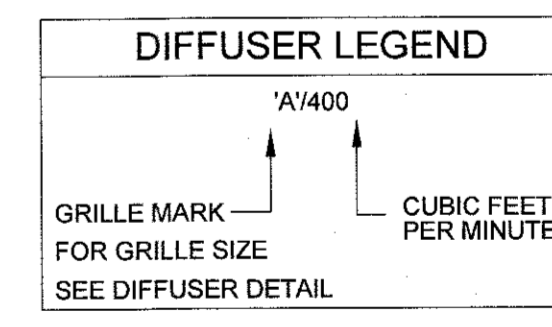
FAN SCHEDULE

MARK	DRIVE	CFM	E.S.P. (" W.C.)	FAN RPM	ELECTRICAL			MANUFACTURER	MODEL NO.	REMARKS
					BHP	AMP	VOLTS/PH			
EF-1	DIRECT	150	0.1	-	-	0.5	120/1Ø	NUTONE	QTXEN150	WITH BACKDRAFT DAMPER
EF-2	DIRECT	150	0.1	-	-	0.5	120/1Ø	NUTONE	QTXEN150	WITH BACKDRAFT DAMPER

AIR DEVICE SCHEDULE

MARK	DUTY	TYPE	FACE SIZE	NECK SIZE	CFM	MAX. T.P. ("W.G.)	MFG.	MODEL NO.	FINISH	REMARKS
A	SUPPLY	WALL MTD	24x16	-	AS NOTED	0.15	TITUS	AEROBLADE	CUSTOM	(A) (B) (C)
B	TRANSFER	WALL MTD	24x20	-	AS NOTED	0.10	TITUS	300FS	WHITE	(A) (B)
C	SUPPLY	CEILING	12x12	-	AS NOTED	0.10	TITUS	TMS	WHITE	(A) (B)

(A) FIELD COORDINATE EXACT MOUNTING HEIGHT (B) GC TO FIELD PAINT TO MATCH WALL WITH ENAMEL FINISH (C) DAMPER IN THROAT



VENTILATION AIR CALCULATION

SPACE DESIGNATION	FLOOR AREA (SF)	SPACE OUTSIDE AIR REQUIREMENTS (2009 IMC)				SPACE SERVED BY (UNIT ID)
		OCCUPANCY DENSITY (#/1000 SF)	CFM PER PERSON	CFM PER SQFT	MINIMUM CFM (Voz)	
SALES FLOOR	5747	15	7.5	0.12	1679	RTU-1,2
OFFICE	75	5	5	.06	12	RTU-1,2
BREAK ROOM	75	5	7.5	.18	20	RTU-1,2
RECEIVING AREA	874	-	-	0.12	132	RTU-2

MINIMUM OUTSIDE AIR REQUIRED = 1843 CFM MINIMUM OUTSIDE AIR DELIVERED = 1900 CFM

PACKAGED ROOFTOP UNIT SCHEDULE (GAS FIRED)

MARK	WEIGHT (OP)	SERVES	AMBIENT TEMP. (°F)	O/A CFM	TONS	SUPPLY FAN				COOLING COIL		HEATING		ELECTRICAL		IEER/EER	MFG.	MODEL NO.	REMARKS				
						CFM	E.S.P. (" Wc)	HP	RPM	VOLT/PH	E.A.T. °F DB/WB	TOT. CAP MBH	SENS. CAP MBH	TYPE	INPUT MBH					CFM	MOCP	UNIT MCA	UNIT VOLT/PH
RTU-1	1265 LBS	SALES/OFFICE BREAK RM	95.0	1200	10	4000	0.5	3.45	1086	208/3	80/67	126	92.5	PROPANE	240	4000	60	48.5	208/3Ø	12.1/11.0	YORK	J10ZFN24G2B3PAD2A2	SEE BELOW
RTU-2	1265 LBS	SALES/RECEIVING AREA	95.0	1200	10	4000	0.5	3.45	1086	208/3	80/67	126	92.5	PROPANE	240	4000	60	48.5	208/3Ø	12.1/11.0	YORK	J10ZFN24G2B3PAD2A2	SEE BELOW

- PROVIDE EACH RTU WITH: FACTORY INSTALLED:
- THRU-THE-BASE CONNECTIONS.
 - BELT DRIVE W/MEDIUM STATIC OPTION.
 - STANDARD DISCONNECT.
 - CONVENIENCE OUTLET (UNPOWERED)
- FIELD INSTALLED: PROVIDED BY UNIT MANUFACTURE.
- MICROMETER CONCENTRIC DIFFUSER BOX KIT CNKT-0537-18HD.
 - DUCT SMOKE DETECTOR (UNPOWERED). (VERIFY LOCATION OF DUCT MOUNTED SMOKE DETECTOR).
 - DIFFERENTIAL ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF DAMPER AND O.A. HOOD.
 - TWO (2) ADDITIONAL SETS OF FILTERS (POST CONSTRUCTION/PRE TEST AND BALANCE, AND ONE SET TO OWNER FOR FUTURE USE).
 - GAS REGULATOR AND DIELECTRIC UNION AT UNIT CONNECTION.
 - CONVERSION KIT TO PROPANE.
- CARRIER NATIONAL ACCOUNT CONTACT:
ANDREW BROWNELL
877-501-4432
ANDREW.BROWNELL@CARRIER.UTC.COM

BAK ARCHITECTS
Boston + Brockton
142 Crescent Street
Brockton, MA 02302
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bakarchitects.com

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RZ Design Associates, Inc.
MECHANICAL AND ELECTRICAL
ENGINEERING
790 OLD MANOR STREET
NORTH DARTMOUTH, VT 05704
P: (802) 456-4336
F: (802) 456-4499
www.rzdesignassociates.com

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JERRY HENRY
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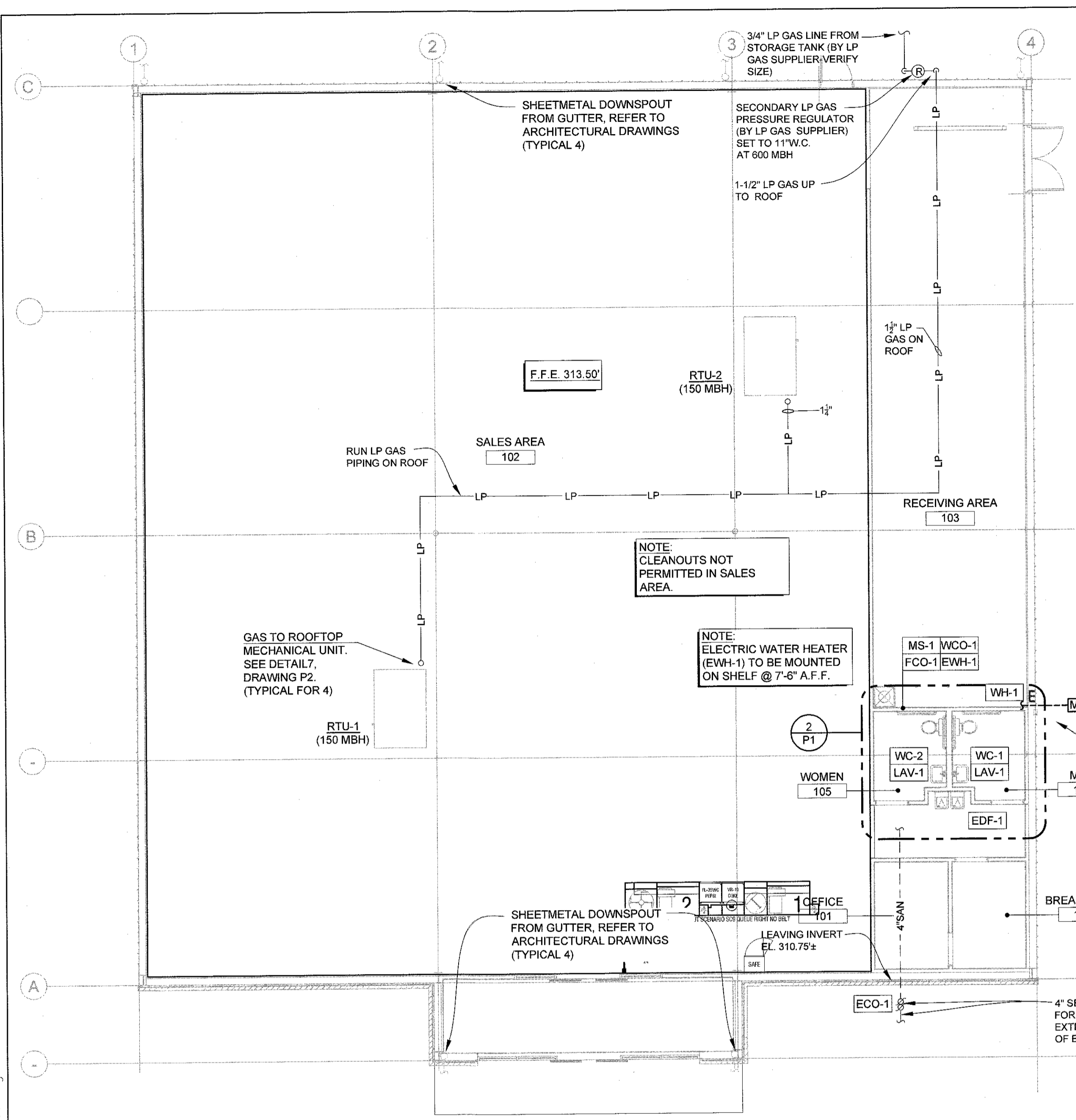
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Drawing:
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1 PLUMBING PLAN
1/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE						REMARKS
MARK	DESCRIPTION	HW CONNECTION	CW CONNECTION	WASTE CONNECTION	VENT CONNECTION	
LAV-1	ADA LAVATORY	1/2"	1/2"	2"	1-1/2"	20"x18" WALL HUNG ADA LAVATORY W/ FRONT OVERFLOW, CONCEALED HANGERS & 4" CENTERS. AMERICAN STANDARD LUCERNE #0355 012 OR EQUAL. FAUCET SHALL BE POLISHED CHROME-PLATED CAST BRASS BODY WITH 4" SPOUT, 4" BRASS WRIST BLADE, 0.5 GPM SPRAY AND GRID STRAINER DRAIN. AMERICAN STANDARD MONTERREY #5502.175 WITH WATTS MODEL USG-B-M1 TEMPERING VALVE OR EQUAL. INSULATE EXPOSED DRAIN & WATER PIPES WITH TRUEBRO LAV GUARD KIT #102 E-Z. PROVIDE SUPPLIES, STOP VALVES AND P-TRAP. PROVIDE WATTS #USG-B THERMAL MIXING VALVE OR EQUAL, TO BE INSTALLED UNDER LAVATORY. OUTLET TEMPERATURE SHALL BE SET AT 110° MAXIMUM.
WC-1	ADA WATER CLOSET	-	1/2"	4"	2"	FLOOR MOUNTED ADA VITREOUS CHINA ELONGATED 1.6 FLUSH GALLON CLOSE COUPLED TWO PIECE SIPHON JET WATER CLOSET. FLUSH TANK WITH 12" ROUGH-IN. AMERICAN STANDARD CHAMPION 4 "RIGHT HEIGHT" #2002.014 OR EQUAL. PROVIDE STOP VALVE, FLEXIBLE SUPPLY LINE, OPEN FRONT SEAT (AMERICAN STANDARD #5901.100 OR EQUAL).
WC-2	ADA WATER CLOSET RIGHT-HAND TRIP LEVER	-	1/2"	4"	2"	FLOOR MOUNTED ADA VITREOUS CHINA ELONGATED 1.6 FLUSH GALLON CLOSE COUPLED TWO PIECE SIPHON JET WATER CLOSET. FLUSH TANK WITH 12" ROUGH-IN. AMERICAN STANDARD CHAMPION 4 "RIGHT HEIGHT" #2002.014 OR EQUAL WITH ALTERNATE TANK ASSEMBLY #4266.804 (RIGHT HAND TRIP LEVER). PROVIDE STOP VALVE, FLEXIBLE SUPPLY LINE, OPEN FRONT SEAT (AMERICAN STANDARD #5901.100 OR EQUAL).
EW-1	ELECTRIC WATER HEATER	3/4"	3/4"	-	-	PROVIDE 10 GALLON ELECTRIC WATER HEATER, 1.65KW @ 120V WITH MANUFACTURER SUPPLIED TEMPERATE AND PRESSURE RELIEF VALVE, A. O. SMITH #EJC-10, OR EQUAL. PROVIDE THERMAL EXPANSION TANK, AMTROL THERM-X-TROL ST-12, OR EQUAL. PROVIDE SEISMIC STRAPPING ON WATER HEATER. TERMINATE DRAIN LINE IN MOP SINK (MS-1). PROVIDE FULL SIZE T&P RELIEF LINE, REFER TO WATER HEATER DETAIL ON SHEET P2 FOR ADDITIONAL INFORMATION. EXPANSION TANK SUPPORT: IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SUPPORT FOR THE EXPANSION TANK. SUPPORT TO ADJACENT WALL OR FROM EXISTING STRUCTURE ABOVE WITH UNISTRUT. DO NOT SUPPORT FROM PIPE ALONE.
MS-1	MOP SINK	3/4"	3/4"	3"	2"	24" X 24" MOLDED STONE MOP SERVICE BASIN, WITH 3" DRAIN. FIAT #MSB-2424 OR EQUAL. PROVIDE SERVICE FAUCET WITH PAIL HOOK & INTEGRAL VACUUM BREAKER, MOP BRACKET, FLAT STAINLESS STEEL STRAINER AND HOSE & BRACKET. FIAT #830 AA, 889 CC, 1453 BB & 832 AA OR EQUAL. PROVIDE SUPPLIES AND P-TRAP.
EDF-1	BARRIER FREE ELECTRIC DRINKING FOUNTAIN	1/2"	-	2"	1-1/2"	TWO-STATION, WALL MOUNTED, ELECTRIC DRINKING FOUNTAIN, BARRIER-FREE ACCESS (ADA), FRONT ONLY EASY TOUCH CONTROL, HIGH UNIT ON RIGHT. ELKAY #E2LTRDCC OR EQUAL. PROVIDE SUPPLY, STOP VALVE & P-TRAP. PROVIDE CANE APRON AS REQUIRED.
WH-1	WALL HYDRANT	3/4"	-	-	-	FREEZE-PROOF WALL HYDRANT WITH BRONZE BODY & ANTI-SIPHON VACUUM BREAKER, BOX AND LOCKING COVER. PROVIDE WITH HOSE CONNECTION AND MOUNT AT 24" ABOVE GRADE. WOODFORD #865 OR EQUAL.
WCO-1	WALL CLEAN-OUT	-	-	AS SHOWN ON PLANS	-	SIZE & INSTALL AS SHOWN ON PLANS. JOSAM, ZURN OR EQUAL.
ECO-1	EXTERIOR CLEAN-OUT	-	-	4"	-	PROVIDE TRAFFIC RATED, 2-WAY, EXTERIOR CLEANOUT. TYLER PIPE #003519, OR EQUAL.
FCO-1	FLOOR CLEAN-OUT	-	-	AS SHOWN ON PLANS	-	PROVIDE ADJUSTABLE FLOOR CLEANOUT WITH WATERTIGHT TAPERED THREADED PLUG AND ROUND SCORIATED SECURED TOP, ADJUSTABLE TO FINISHED FLOOR. SIZE & INSTALL AS SHOWN ON PLANS. JOSAM, ZURN OR EQUAL.
FD-1	FLOOR DRAIN	-	-	3"	-	PROVIDE ADJUSTABLE FLOOR DRAIN, CAST IRON BODY, COLLAR CLAMP W/DRAINAGE SLOTS, TRAP PRIMER CONNECTION, 5" HEELPROOF CHROME PLATED STRAINER, ADJUSTABLE TO FINISHED FLOOR. NO-HUB OUTLET CONNECTION. SIZE & INSTALL AS SHOWN ON PLANS. JOSAM, ZURN OR EQUAL.

SANITARY INVERT NOTE:
REQUIRED INVERT AT POINT OF CONNECTION (5 FT FROM EXTERIOR WALL) TO EXISTING 4" SEWER SERVICE IS APPROXIMATELY 2'-5-1/4" BELOW FINISHED FLOOR BASED ON TOTAL LENGTH OF 30' SLOPED AT 1/8" PER FT AND STARTING INVERT OF 18" BELOW FINISHED FLOOR. CONTRACTOR TO FIELD VERIFY THE INVERT AND LOCATION OF SANITARY LINE AS SHOWN ON CIVIL DRAWINGS.

NOTES:
1. REFER TO SHEET P2, FOR ROUTING OF DOMESTIC WATER, SANITARY SEWER AND SANITARY VENT PIPING.
2. DOMESTIC WATER, SANITARY SEWER AND SANITARY VENT PIPE ROUTING ARE DIAGRAMMATIC ONLY. COORDINATE PIPE ROUTING WITH FIELD CONDITIONS. REFER TO PIPING DIAGRAMS ON SHEET P2.

- GENERAL PLUMBING NOTES**
- PROVIDE ALL BACKING, SUPPORTS AND CARRIERS FOR FIXTURES.
 - CONTRACTOR SHALL PROVIDE APPROVED ACCESS DOORS IN FRAMED HOLES FOR ALL VALVES AND TRAP PRIMERS WHICH MUST BE LOCATED IN INACCESSIBLE LOCATIONS.
 - ALL WATER PIPING SHALL BE PITCHED IN DIRECTION OF FLOW TO ALLOW FOR SYSTEM DRAINING.
 - INSTALL WATER MAIN SHUT-OFF VALVE UPSTREAM FROM PRESSURE REGULATOR.
 - INSTALL WATER PRESSURE REGULATOR WHERE AVAILABLE UTILITY PRESSURE EXCEEDS 70 PSI. SET PRESSURE REGULATOR AT 65 PSI.
 - PROVIDE AND LOCATE BACKFLOW PREVENTER WITH TAMPER RESISTANT ACCESS CABINET PER LOCAL CODE.
 - IN AREAS WITH NO CEILING, ROUTE WATER PIPING TIGHT TO STRUCTURE.
 - DRAIN, WASTE AND VENT LINES SHALL PASS INSPECTION UNDER HEAD OF WATER BY SYSTEM WITH WATER TO TOP OF HIGHEST VENT STACK.
 - WATER LINES SHALL PASS INSPECTION OF FOUR (4) HOURS UNDER 150 PSI PRESSURE. BEFORE ANY USE OF SYSTEM IS MADE FOR DOMESTIC PURPOSES. IT SHALL BE DISINFECTED BY SLOWLY FILLING WITH WATER TO WHICH A DISINFECTING AGENT HAS BEEN INJECTED AT A RATE OF 50 P.P.M. OF CHLORINE, WHICH SHOULD BE ALLOWED TO STAND IN THE PIPING FOR AT LEAST 24 HOURS. AFTER WHICH TESTS FOR RESIDUAL CHLORINE SHALL SHOW NOT LESS THAN FIVE (5) P.P.M. OF RESIDUAL CHLORINE AT EVERY WATER OUTLET IN THE BUILDING. IF THE RESIDUAL IS LESS THAN FIVE PPM, THE DISINFECTING SHALL BE REPEATED UNTIL THE REQUIRED RESIDUAL IS OBTAINED AT EVERY OUTLET. AFTER REQUIRED RESIDUAL IS OBTAINED AT EVERY OUTLET, THE SYSTEM SHALL BE FLUSHED UNTIL THE CHLORINE LEVEL AT EVERY OUTLET IS REDUCED TO THAT OF INCOMING WATER SUPPLY.
 - SEPTIC SYSTEM NOT ALLOWED UNLESS WRITTEN APPROVAL BY DOLLAR GENERAL.
 - HOLDING TANK SYSTEMS NOT ALLOWED.
 - LIFT STATIONS ARE NOT ALLOWED WITHOUT DOLLAR GENERAL APPROVAL.
 - CONTRACTOR RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS.
 - ALL PLUMBING MATERIALS SHALL COMPLY WITH CODE.
 - REFER TO SHEET P2 FOR MATERIALS.

SYMBOL LEGEND

— SAN —	SANITARY PIPING	⌋	BACKFLOW PREVENTER
--- SAN BLW ---	SANITARY PIPING BELOW	⌋	PRESSURE REGULATOR
- V -	VENT PIPING	⌋	WALL CLEANOUT
- GAS -	GAS PIPING	⌋	FREEZE-PROOF HOSE BIBB
- CW -	COLD WATER PIPING	⌋	2-WAY EXTERIOR CLEANOUT
--- CW BLW ---	COLD WATER PIPING BLW.	⌋	FLOOR CLEANOUT
- HW -	HOT WATER PIPING	⌋	
⌋	SHUT-OFF VALVE		

CIVIL ENGINEERING DESIGN COORDINATION NOTICE

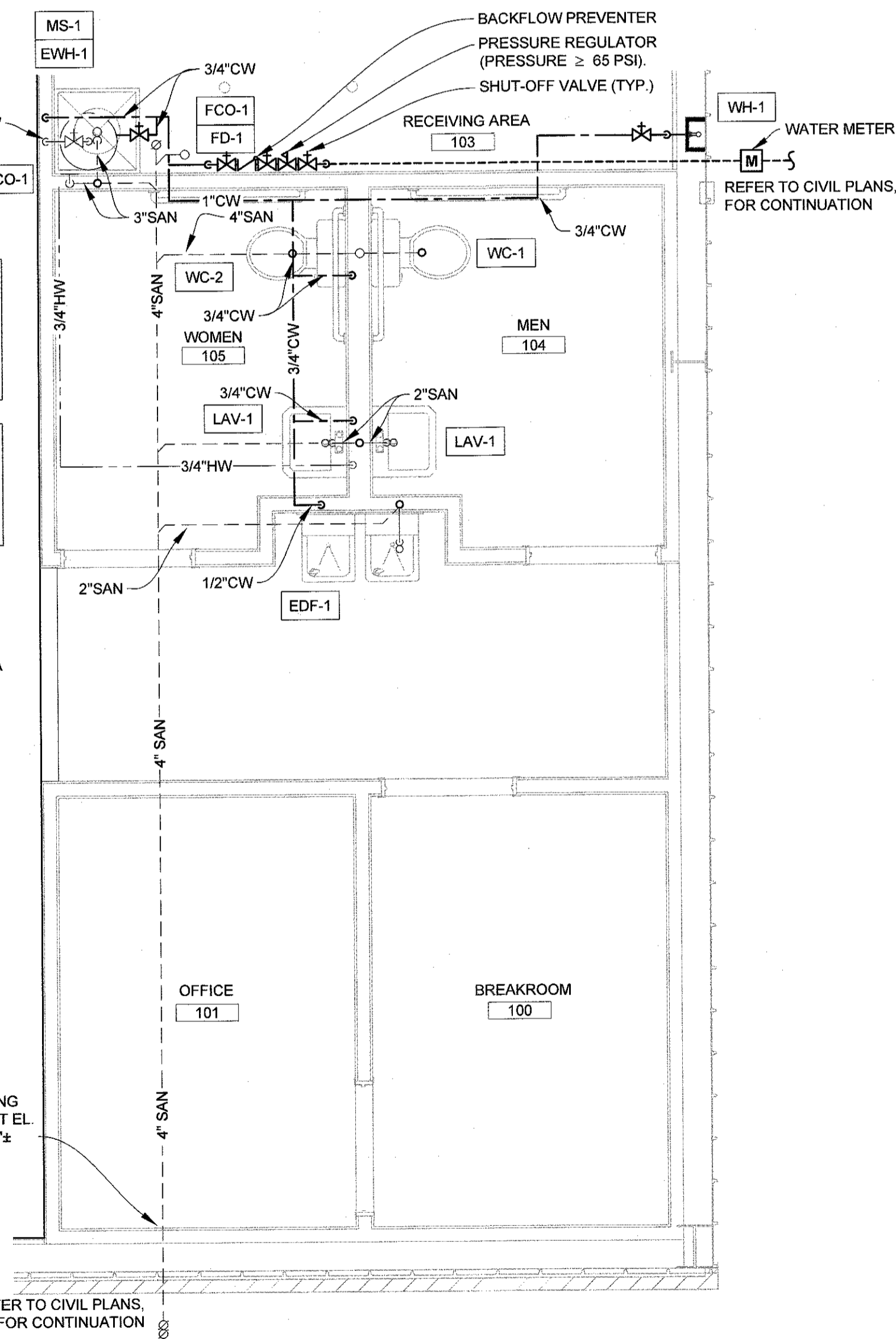
NOTICE TO ALL PARTIES HAVING AN INTEREST IN THIS CONSTRUCTION PROJECT:

- CIVIL ENGINEERING FOR THIS PROJECT IS BEING PERFORMED BY OTHERS.
- CONTRACTORS RELYING ON DOCUMENTS NOT COORDINATED WITH THE CIVIL ENGINEERING WORK SHALL DO SO AT THEIR OWN RISK.
- COORDINATION WITH THE CIVIL ENGINEERING DOCUMENTS HAS BEEN COMPLETED ONLY AS SHOWN BELOW.

CIVIL ENGINEERING CONSULTANT IS: COMPANY NOAME
ADDRESS
CITY, STATE
CONTACT: XXX
PHONE: (XXX) XXX-XXXX

CIVIL SHEET DWG. NO.	CIVIL SHEET DWG. TITLE	REV. NO.	REV. DATE	REV. NO.	REV. DATE	REV. NO.	REV. DATE

COORDINATION CHECKED BY: INITIAL DATE INITIAL DATE INITIAL DATE



2 ENLARGED TOILET PLAN
2/3" = 1'-0"

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700 Old Main Street
Rocky Hill, CT 06067
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STATE OF NEW HAMPSHIRE
LICENSED PROFESSIONAL ENGINEER
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PLANS & SCHEDULES
LISCOTTIDEVELOPMENT
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Drawing: **P1**

