ATM Relocation

FOR:



XTEM ROCHESTER HILLS ATM

1370 Walton Boulevard Rochester Hills, MI 48309

CONTACTS:

Owner
Fifth Third Bank
38 Fountain Square Plaza
Cincinnati, OH 45263
(616) 653-5561

Project Manager
Brad Athey
Optivia
3574 East Kemper Road
Cincinnati, Ohio 45241
513-554-8770

Applicant: Gerald G. Weber 13711 Madison Avenue Lakewood, Ohio 44107 216-226-6009 Fax 216-521-2206

Property Owner
Jonna & Associates, L.L.C.
2360 Orchard Lake Road, Suite 110
Sylvan Lake, MI 48230
Contact: Laith Jonna
email: ljonna@jonnaproperties.com
248-683-7355

CONSTRUCTION DOCUMENTS AS INSTRUMENTS OF SERVICE ARE GIVEN IN CONFIDENCE AND REMAIN THE PROPERTY OF FIFTH THIRD BANK. THE USE OF THESE CONSTRUCTION DOCUMENTS FOR PURPOSES OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED.

FIFTH THIRD BANK AND GERALD G. WEBER ARE NOT RESPONSIBLE FOR ANY ALTERATIONS OR MODIFICATIONS MADE TO THESE DRAWINGS BY NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR FIELD
MEASUREMENTS AND VERIFICATION OF ALL EXISTING
CONDITIONS. DRAWINGS MAY NOT REPRESENT THE
EXACT SIZE OR DIMENSION OF EXISTING CONDITIONS.

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1-1	IIILE SHEET	-		-	•	H	l	\dashv	\dashv	l
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E1	ELECTRICAL SITE PLAN	•		Ī	•	İ		T	i	İ
E2	ELECTRICAL PLAN	•		Ī	•	İ	İ	Π	i	İ
E3	ELECTRICAL DIAGRAM	•		Ī	•	İ		T	i	İ
E4	PHOTOMETRIC DIAGRAM	•		T	•	İ	Г	Π	i	İ
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CANO	PY AND ATM ELEVATIONS	•		İ	•			Ħ		İ
ATM S	SURROUND ELEVATIONS	•		İ		İ	İ		T	İ

GENERAL NOTES

INDEX OF DRAWINGS

- 1. <u>CONTRACTOR</u> SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF MATERIAL DISCREPANCIES FOUND ON THE DRAWINGS OR ANY EXISTING CONDITIONS FOUND ON THE SITE WHICH CONFLICT WITH CONDITIONS AS SHOWN IN THE CONTRACT DOCUMENTS.
- 2. <u>DRAWINGS ARE NOT TO BE SCALED</u>. <u>DIMENSIONS INDICATED ON DRAWINGS TAKE PRECEDENCE</u>. <u>LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS</u>.
- 3. THE CONTRACTOR SHALL PROVIDE A FULL TIME SUPERINTENDENT AT ALL TIMES WHEN WORK IS BEING PERFORMED.
- 4. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION SELECTED BY CONTRACTOR.
- 5. THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. WHEN ON SITE, THE ARCHITECT & ENGINEER ARE RESPONSIBLE FOR HIS/HER OWN SAFETY BUT HAS NO RESPONSIBILITY FOR THE SAFETY OF OTHER PERSONNEL OR SAFETY CONDITIONS AT THE SITE.
- 6. CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION IN THESE DRAWINGS, CONTRACTOR IS TO COMPLY WITH ALL EXISTING CONDITIONS. ALL ERRORS, OMISSIONS AND INCONSISTENCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. FAILURE TO DO SO WILL RELEASE THE ARCHITECT & ENGINEERS OF ANY REPSONSIBILITY. ANY CHANGE FROM THESE DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THESE DRAWINGS ARE NOT TO BE SCALED. IF INSUFFICIENT INFORMATION EXISTS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- 7. CONTRACTOR IS TO COMPLY WITH ALL CODES AND SAFETY REGULATIONS.
- 8. ATM AND CANOPY WILL BE SUPPLIED BY DEDICATED POWER AND TELEPHONE.

Date: Issued For:

2-23-13 Owner's Review and Permit

2-23-13 Conditional Use Sibmission

4-1-13 Revised per City Review

Permit Review



GERALD G. WEBER ARCHITECT

13711 Madison Avenue Lakewood Ohio 44107 216.226.6009 FAX 216.521.2206



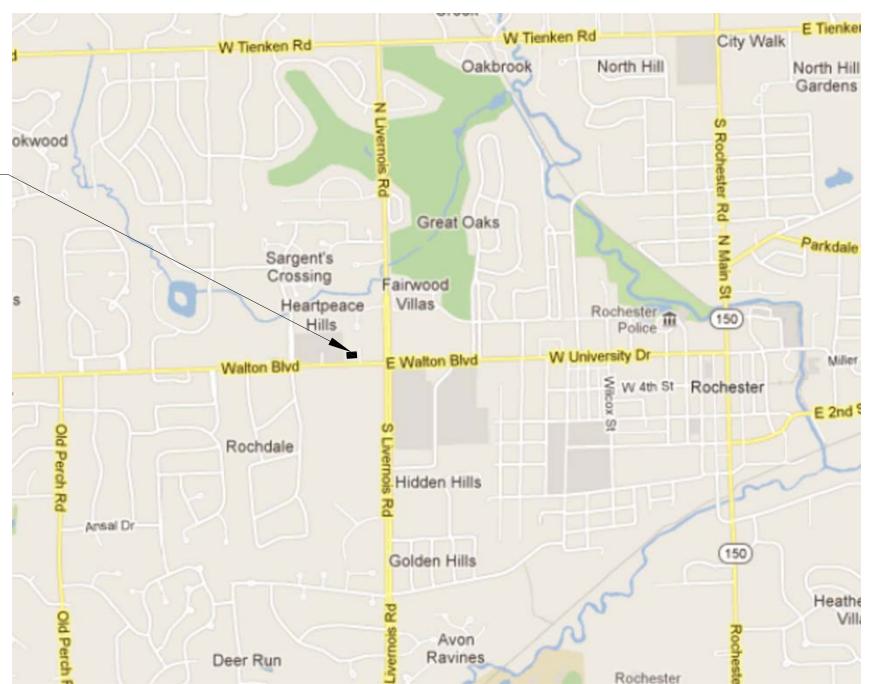
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Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Title

Project No: Drawing No: 13001 T1



SITE

SITE LOCATION PLAN
SCALE: NO SCALE

Date: Issued For:

2-23-13 Owner's Review and Permit

2-23-13 Conditional Use Submission

4-1-13

Permit Review



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Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Site Location Plan

Project No: Drawing No:

C-1.0



SITE

SITE ZONING PLAN

SCALE: 1'' = 2000'



Date: Issued For:

2-23-13 Owner's Review and Permit

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4-1-13



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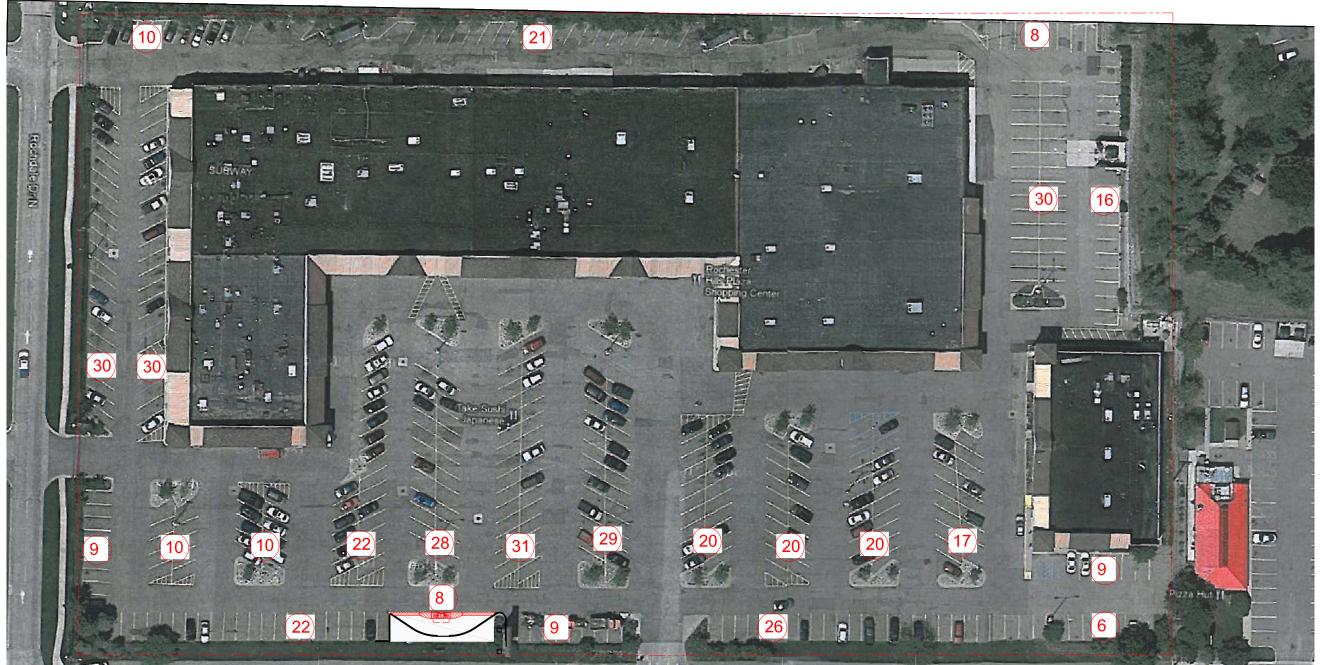
Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Site Zoning Plan

Project No: Drawing No:

C-1.1



PARKING INFORMATION BASED ON B-3, SHOPPING CENTER BUSINESS ZONING DISTRICT.

EXISTING PARKING = 424 SPACES

AREA OF EXISTING BUILDINGS = 70,528 S. F.

PARKING REQUIRED = 1/300 S.F. = 236 SPACES

PARKING LOST TO PROPOSED ATM = 8 SPACES

424 - 8 = 416 SPACES.

PARKING PROVIDED AFTER ATM INSTALLATION = 416 SPACES

SITE PARKING PLAN

SCALE: 1'' = 60'



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4-1-13



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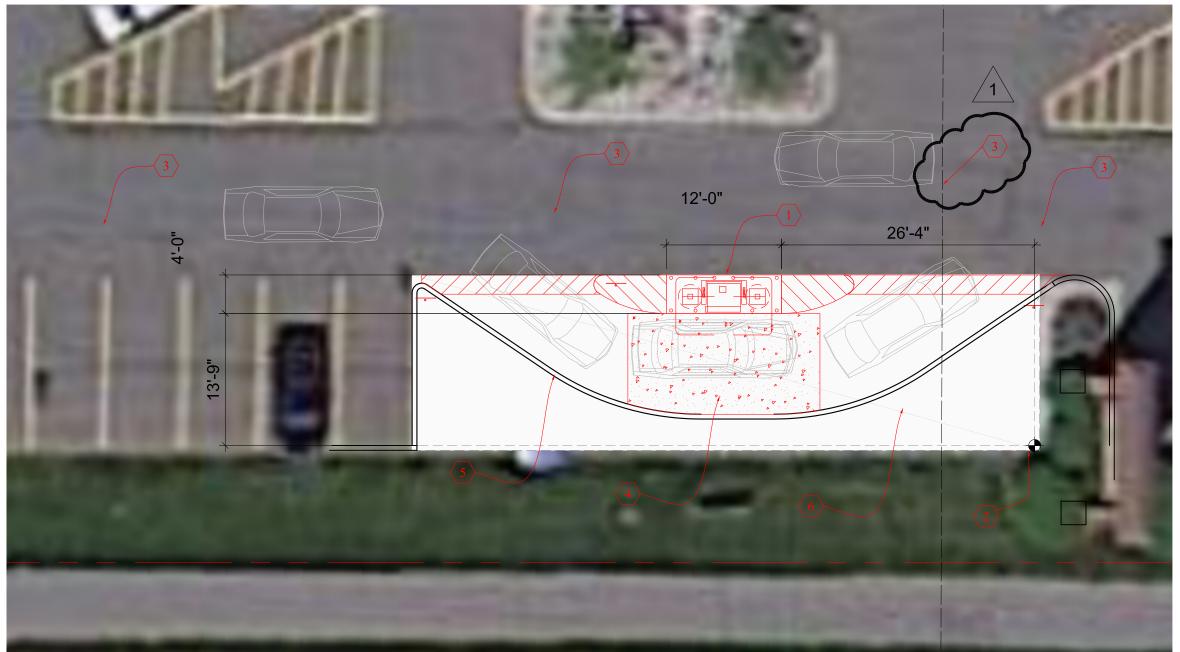
Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Site Parking Plan

Project No: Drawing No:

13001 C-1.2





- 2. CONTROL POINT FOR PAD LOCATION IS INSIDE CORNER OF EXISTING CONCRETE CURB.
- 3. EXISTING PAVEMENT TO REMAIN.
- NEW CONCRETE PAD, SEE SHEET A-1.
- 5. NEW 6" CONCRETE CURB.
- NEW LANDSCAPE AREA.
- EXISTING 36" STORM SEWER, VERIFY EXACT LOCATION IN THE FIELD.

- A. THERE ARE NO TREES AFFECTED BY THIS PROJECT.
- B. THERE IS NO ENVIRONMENTAL IMPACT BY THIS PROJECT.
- C. PROJECT DOES NOT IMPACT EXISTING STORM WATER SYSTEM.
- D. PROJECT IS LESS THAN AN ACRE SO A STORM WATER PROTECTION PLAN IS NOT REQUIRED.
- E. HOURS OF OPERATION: MONDAY THRU SUNDAY, 24 HOURS PER DAY

SITE PLAN

SCALE: 1'' = 10'-0''



Date: Issued For: Preliminary City Review Owner's Review 1-8-13 2-23-13 and Permit 2-23-13 Conditional Use Submittal Revised per City Review

Permit Review



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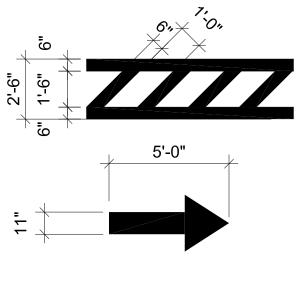
Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Site Plan

Project No: Drawing No:

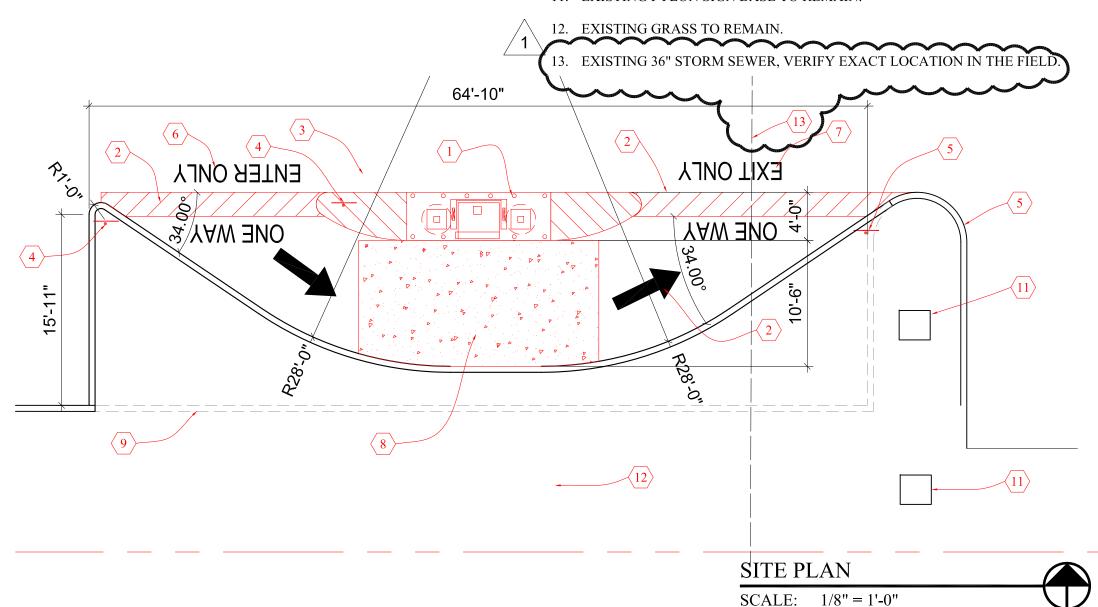
13001 C-2



PAVEMENT STRIPING

SCALE: 1/4'' = 1'-0''

- 1. CONCRETE ISLAND WITH NEW ATM, SURROUND, AND CANOPY.
- 2. ARROWS AND PAVEMENT STRIPING, ORANGE/YELLOW, 6" LINES.
- 3. EXISTING ASPHALT PAVEMENT, PATCH AS REQUIRED FOR NEW CONSTRUCTION.
- 4. SIGN ON 72" POLE: ENTRANCE ONLY ONE WAY TRAFFIC.
- 5. SIGN ON 72" POLE: EXIT ONLY ONE WAY TRAFFIC.
- 6. 18" PAVEMENT LETTERS:ONE WAY/ENTER, ORANGE/YELLOW.
- 7. 18" PAVEMENT LETTERS: ONE WAY/EXIT ONLY, ORANGE/YELLOW.
- 8. NEW CONCRETE PAD, SEE DETAIL SHEET A-1. REMOVE ASPHALT PAVEMENT AND BASE AS REQUIRED.
- 9. REMOVE EXISTING CONCRETE CURB.
- 10. EXISTING CONCRETE CURB TO REMAIN.
- 11. EXISTING PYLON SIGN BASE TO REMAIN.



Date: Issued For:

2-23-13 Owner's Review and Permit

2-23-13 Conditional Use Submission

4-1-13 Revised per City Review

4-1-13 Permit Review



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Project:

Fifth Third Bank
XTEM Rochester Hills
ATM Installation
1370 Walton Boulevard
Rochester Hills, MI

Drawing Name: Enlarged Site Plan

Project No: Drawing No:

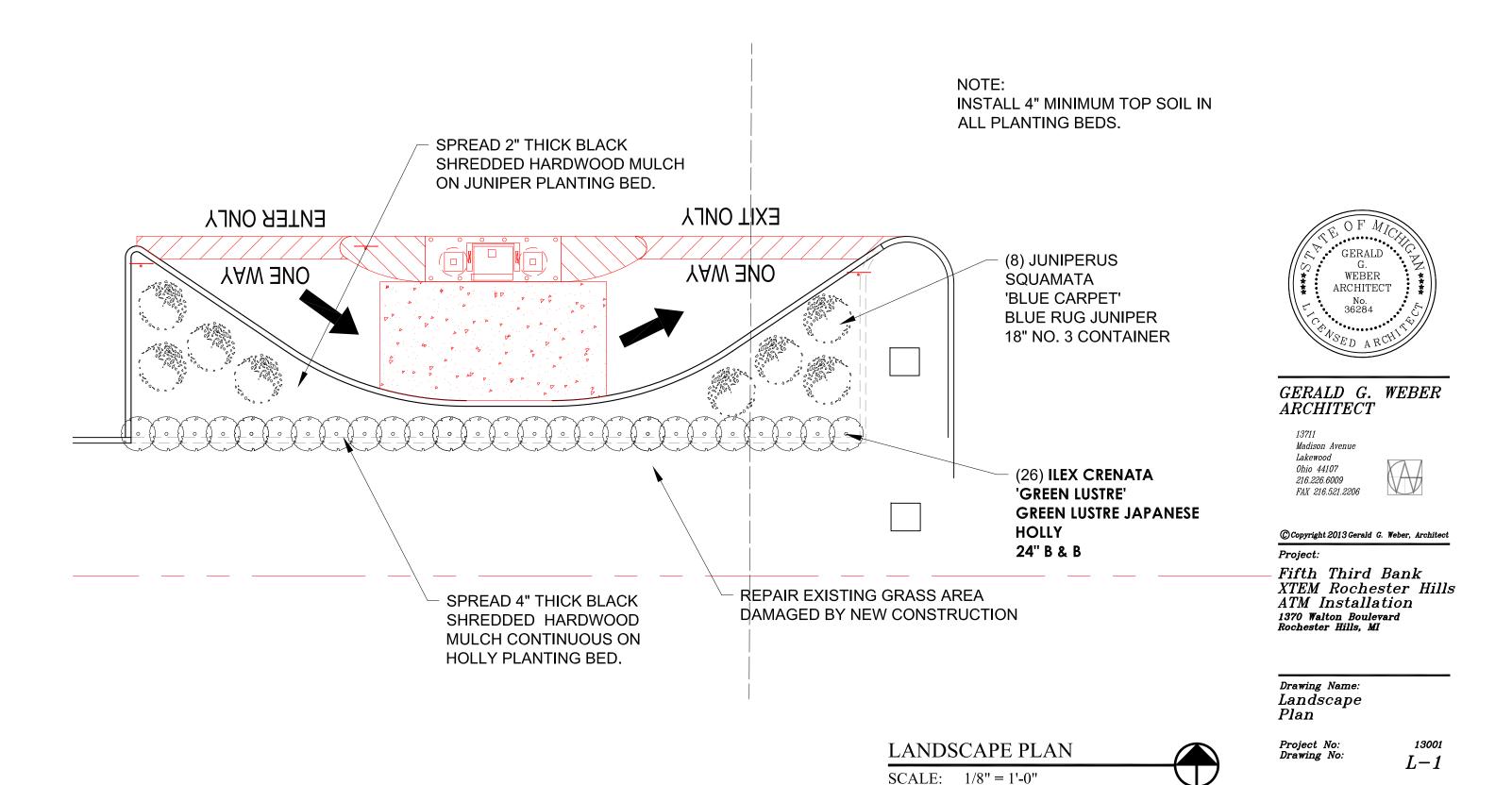
13001 C-3

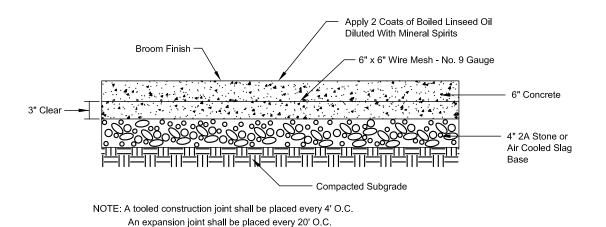
Date: Issued For:

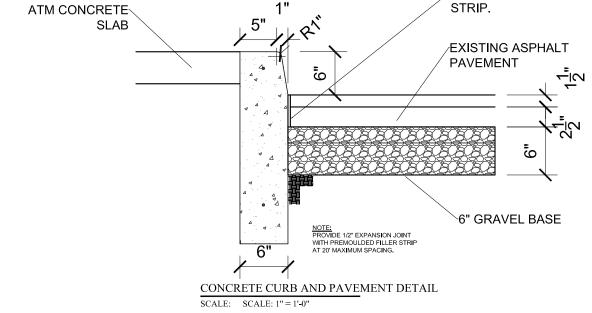
2-23-13 Owner's Review and Permit

2-23-13 Conditional Use Submission

4-1-13 Permit Review







Date: Issued For: Owner's Review and Permit 2-23-13 Conditional Use 2-23-13 Submission 4-1-13 Permit Review

1/2" EXPANSION

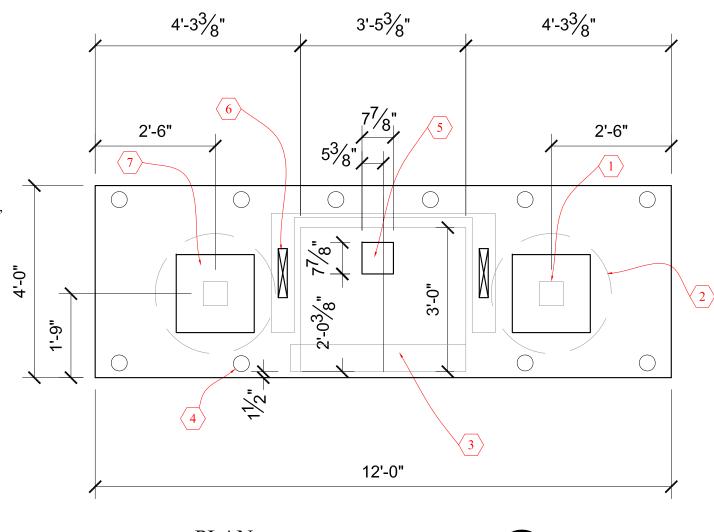
6" CONCRETE PAD DETAIL

Not to Scale

- STEEL POST FOR CANOPY.
- LINE OF COLUMN FOOTING BELOW.
- NCR ATM AND SURROUND BY OTHERS.
- NEW 4" Ø CONCRETE FILLED STEEL PIPE BOLLARD WITH PLASTIC COVER, COLOR GRAY. TYPICAL FOR EIGHT (10) LOCATIONS. SEE SHEET A-2, BOLLARD PLAN.
- ATM FEED AREA, SEE ATM DRAWINGS.
- ATM SURROUND FEED AREA, VERIFY EXACT LOCATION WITH ATM SURROUND MANUFACTURER.
- 7. BLOCKOUT AREA FOR CANOPY BASE PLATE. SEE CANOPY DETAILS.

NOTE:

CONTRACTOR TO COORDINATE ALL WORK WITH PROPERTY OWNER, FIFTH THIRD BANK, THE ATM SUPPLIER, AND THE CANOPY SUPPLIER.





GERALD G. WEBER **ARCHITECT**

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Project:

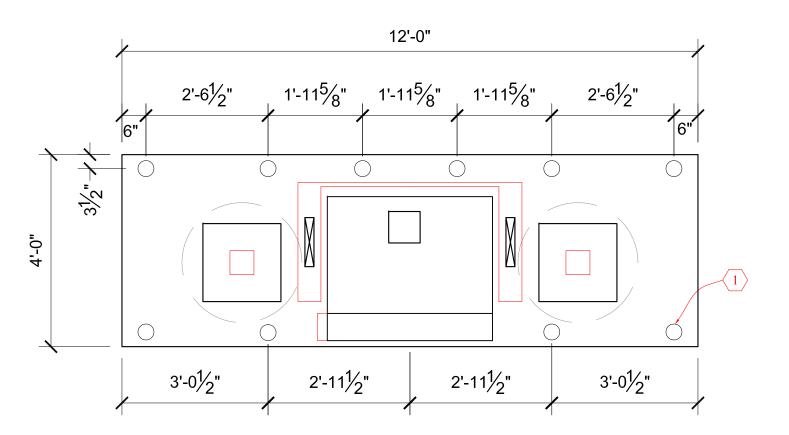
Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Floor Plan

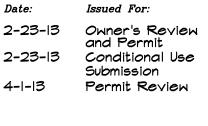
Project No: Drawing No:

13001 A-1

PLAN SCALE: 1/2"=1'-0" 1. NEW 4" Ø CONCRETE FILLED STEEL PIPE BOLLARD WITH PLASTIC COVER, COLOR GRAY. TYPICAL FOR TEN (10) LOCATIONS.









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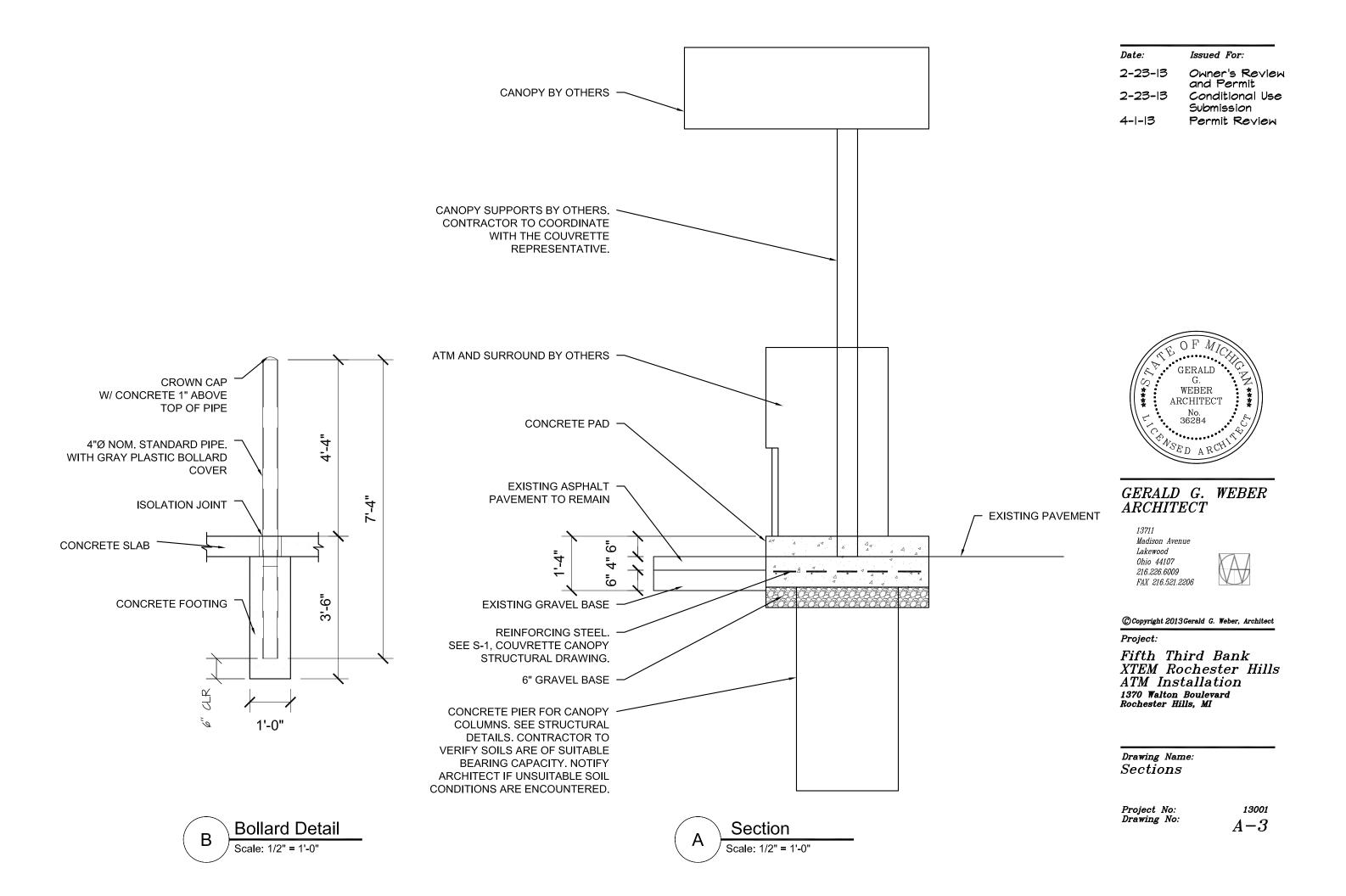
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Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Boulevard Rochester Hills, MI

Drawing Name: Bollard Plan

Project No: Drawing No: 13001 A-2







1. LOCATION OF NEW CONCRETE PAD FOR PROPOSED ATM.

CONNECTION TO POWER AND DATA. PROVIDE

3. INSTALL NEW POWER AND DATA FOR ATM PER ATM

WEATHERHEAD AT TOP OF EACH CONDUIT.

IN ACCORDANCE WITH NFPA 70, OBC 2701.1..

EXISTING ASPHALT PAVEMENT.

GRADE AND THICKNESS.

EXISTING POWER POLE WITH TRANSFORMERS.

DATA.

2. INSTALL TWO (2) 2" CONDUITS, ONE (1) FOR POWER AND ONE (1) FOR DATA. EXTEND CONDUIT UP POLE AS REQUIRED FOR

SPECIFICATIONS. ATM TO BE ON A DEDICATED CIRCUIT.

PROVIDE 36 INCH PIGTAIL FOR CONNECTION TO POWER AND

ELECTRICAL WIRING, TYPES, SIZES, OCPD, CONDUIT...TO BE

7. PATCH AND REPAIR ALL CONCRETE SIDEWALK AND GRASS

AREAS DISTURBED BY CONSTRUCTION TO MATCH EXISTING



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Project:

Date:

Issued For:

Fifth Third Bank
XTEM Rochester Hills
ATM Installation
1370 Walton Boulevard
Rochester Hills, MI

Drawing Name: Electrical Site Plan

ELECTRICAL SITE PLAN

SCALE: 1'' = 10'-0''

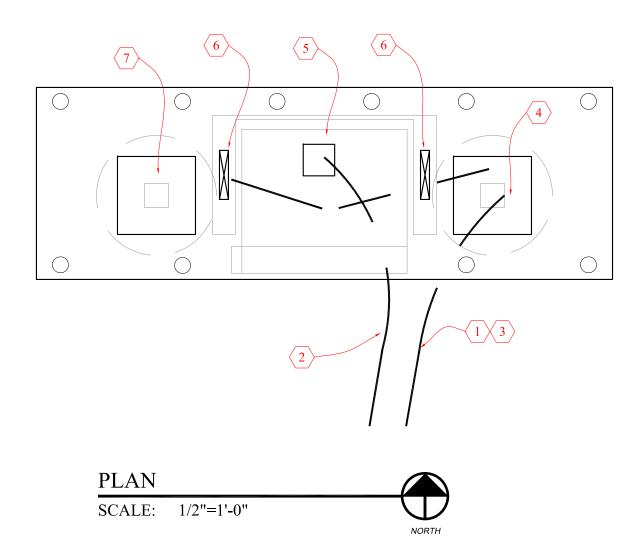


Project No: Drawing No: E-1

- 1. INSTALL NEW 2" CONDUIT AND POWER FOR ATM PER NCR SPECIFICATIONS TO EXISTING POLE. VERIFY POWER REQUIREMENTS FROM EXISTING POLE, SEE SHEET A-1. METER TO BE MOUNTED ON CANOPY POST ON EXIT SIDE OF THE CANOPY.
- 2. CONTRACTOR TO COORDINATE WITH TELEPHONE COMPANY TO EXTEND LINES TO NEW ATM. CONTRACTOR TO INSTALL NEW 2" CONDUIT TO EXISTING POLE FOR TELEPHONE CONNECTION.
- 3. ELECTRICAL WIRING, TYPES, SIZES, OCPD, CONDUIT...TO BE IN ACCORDANCE WITH NFPA 70, OBC 2701.1.
- 4. METER AND ELECTRICAL PANEL ON CANOPY POST AT EXIT SIDE OF CANOPY.
- 5. ATM FEED AREA, SEE ATM DRAWINGS.
- 6. ATM SURROUND FEED AREA, VERIFY EXACT LOCATION WITH ATM SURROUND MANUFACTURER.
- 7. CANOPY ELECTRICAL FEED AREA THRU STEEL COLUMN.

NOTE

CONTRACTOR TO COORDINATE ALL WORK WITH PROPERTY OWNER, FIFTH THIRD BANK, THE ATM SUPPLIER, AND THE CANOPY SUPPLIER. REFER TO COUVRETTE DRAWINGS FOR ADDITIONAL INFORMATION.





Date:

2-23-13 Planning Commission Submission

Issued For:

4-1-13 Permit Review



GERALD G. WEBER ARCHITECT

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Lakewood Ohio 44107 216.226.6009 FAX 216.521.2206



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Project:

Fifth Third Bank XTEM Rochester Hills ATM Installation 1370 Walton Bloulevard Rochester Hills, MI

Drawing Name: Electrical Plan

Project No: Drawing No: 13001 E-2

DENK ASSOCIATES, INC.

503 EAST 200TH STREET CLEVELAND OHIO 44119-5144

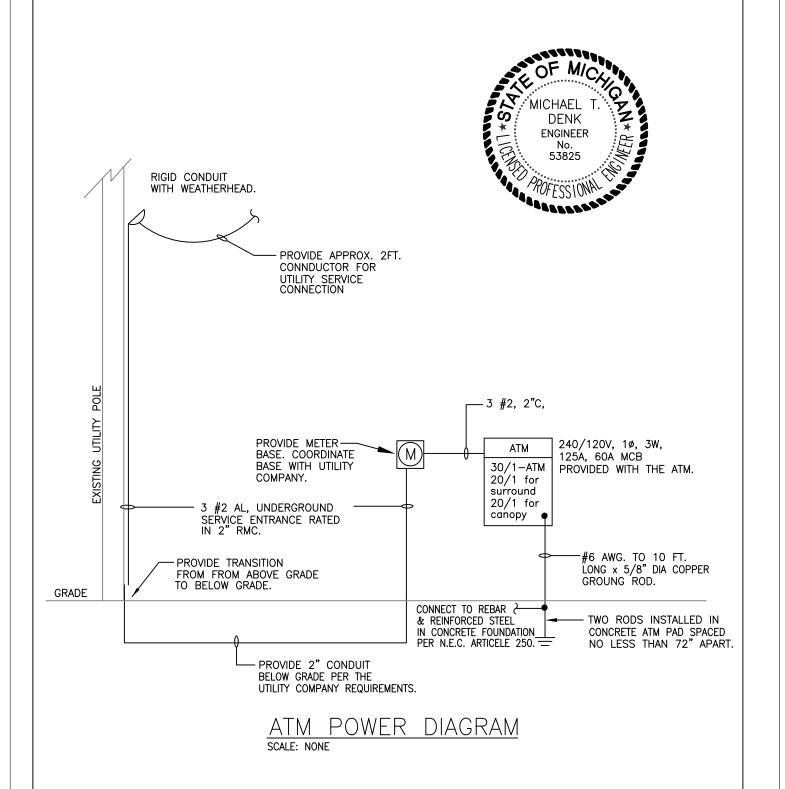
PH: 216-531-8880 FAX: 216-531-5144 E-MAIL: JKOSS@DENKASSOC.COM XTEM Rochester Hills ATM

JOB NO.: 13001 ISSUED WITH: _____ DATE: 2/23/13 REVISES DWG.: ____

DRAWN BY: DAI SCALE: NONE

SKETCH NO.

E-3





565 ELECTRIC ROAD SALEM, VA. 24153

(540) 375-2608 PHONE (540) 375-2638 FAX

STATE OF MICHIGAN APPLICABLE CODE: 2009 Michigan Building Code

FIELD WORK:

- I. ANCHORING OF CANOPY TO FOUNDATION
- 2. INSTALLATION OF AUTOMATIC TELLER MACHINE (ATM).

DESIGN INFORMATION:

OCCUPANCY / USE GROUP: VΒ CONSTRUCTION TYPE: GROUND SNOW LOAD: 30 PSF MAX. WIND LOAD(3 S GUST): 132 MPH, EXPOSURE C FLOOR LIVE LOAD: UNIFORM - N/A CONCENTRATED - N/A

SEISMIC - SPECTRAL RESPONSE ACCELERATION: S_S = 150% S_I = 60%

SEISMIC DESIGN CATEGORY -

NUMBER OF STORIES: BUILDING/CANOPY AREA: HEIGHT

60 sq. ft. 119" or 107"

SITE CLASS -

CANOPY HEIGHT

DRAWING INDEX DESCRIPTION DWG. # CP-T-TS TITLE SHEET 20673 LOAD BEARING TRUSS COLUMN ASSEMBLY DETAILS 00305 00206 BOTTOM FRAME ASSEMBLY

FIELD WORK

20674	24" STD. INTERMEDIATE TRUSS
00307	CANOPY ASSEMBLY DETAIL
00308	24" STANDARD LAYOUT
00264	CANOPY INSTALLATION - ISLAND
	00307

NOTES:

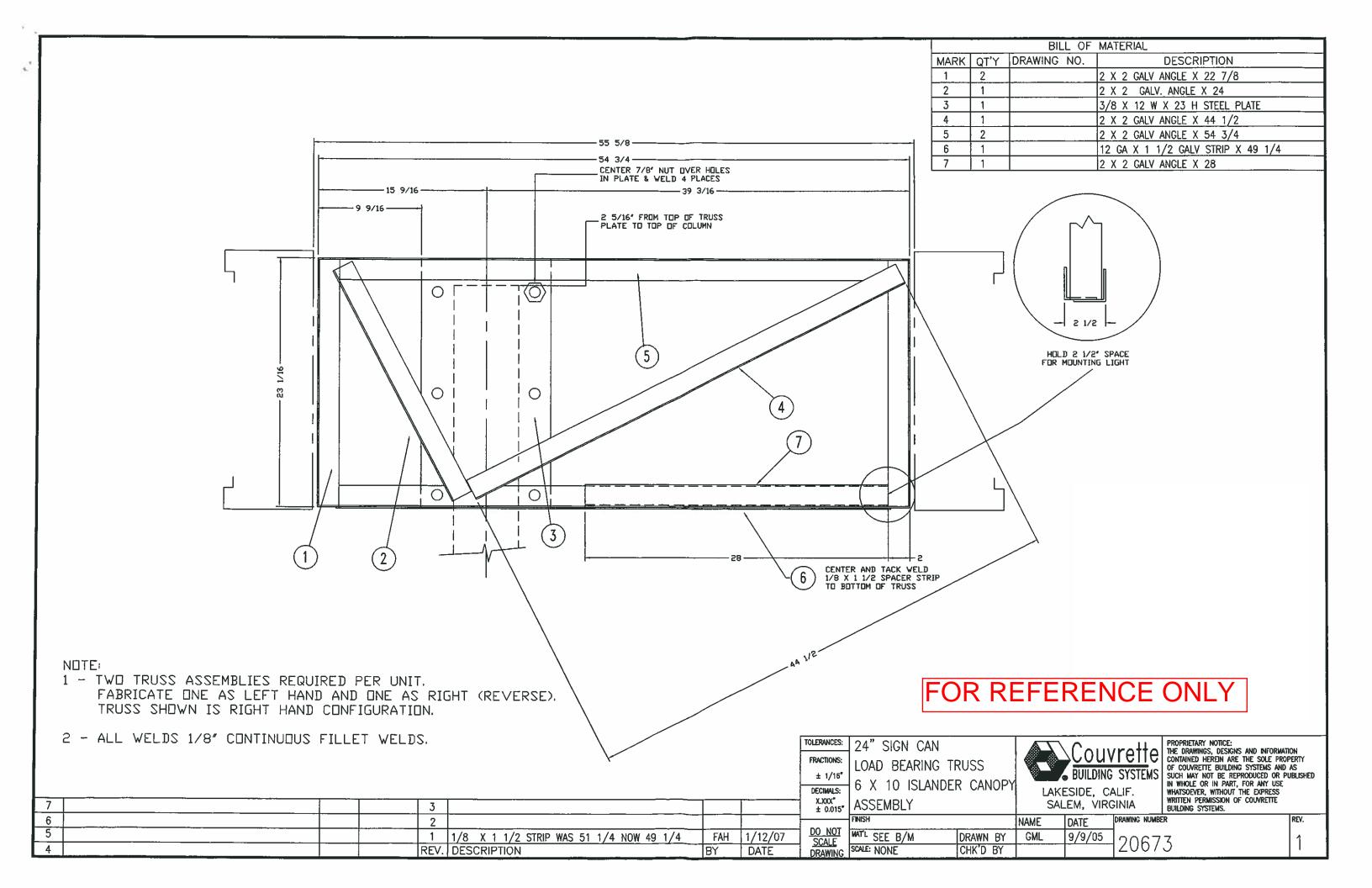
- THIS BUILDING NOT INTENDED FOR HUMAN OCCUPANCY. PLUMBING FACILITIES BASED ON LOCAL JURISDICTION.
- 3. KIOSK DOORS INTENDED FOR EQUIPMENT MAINTENANCE ONLY. THIS BUILDING IS NOT INTENDED, NOR SHALL BE UTILIZED FOR HUMAN OCCUPANCY. ENGINEER ACCEPTS NO RESPONSIBILITY FOR DOORWAY WIDTH OR BUILDING EGRESS. LOCAL OFFICIAL TO DETERMINE CODE COMPLIANCE.
- 4. ATM HEIGHT TO FINISH GRADE TO BE DETERMINED BY LOCAL JURISDICTION ON SITE.

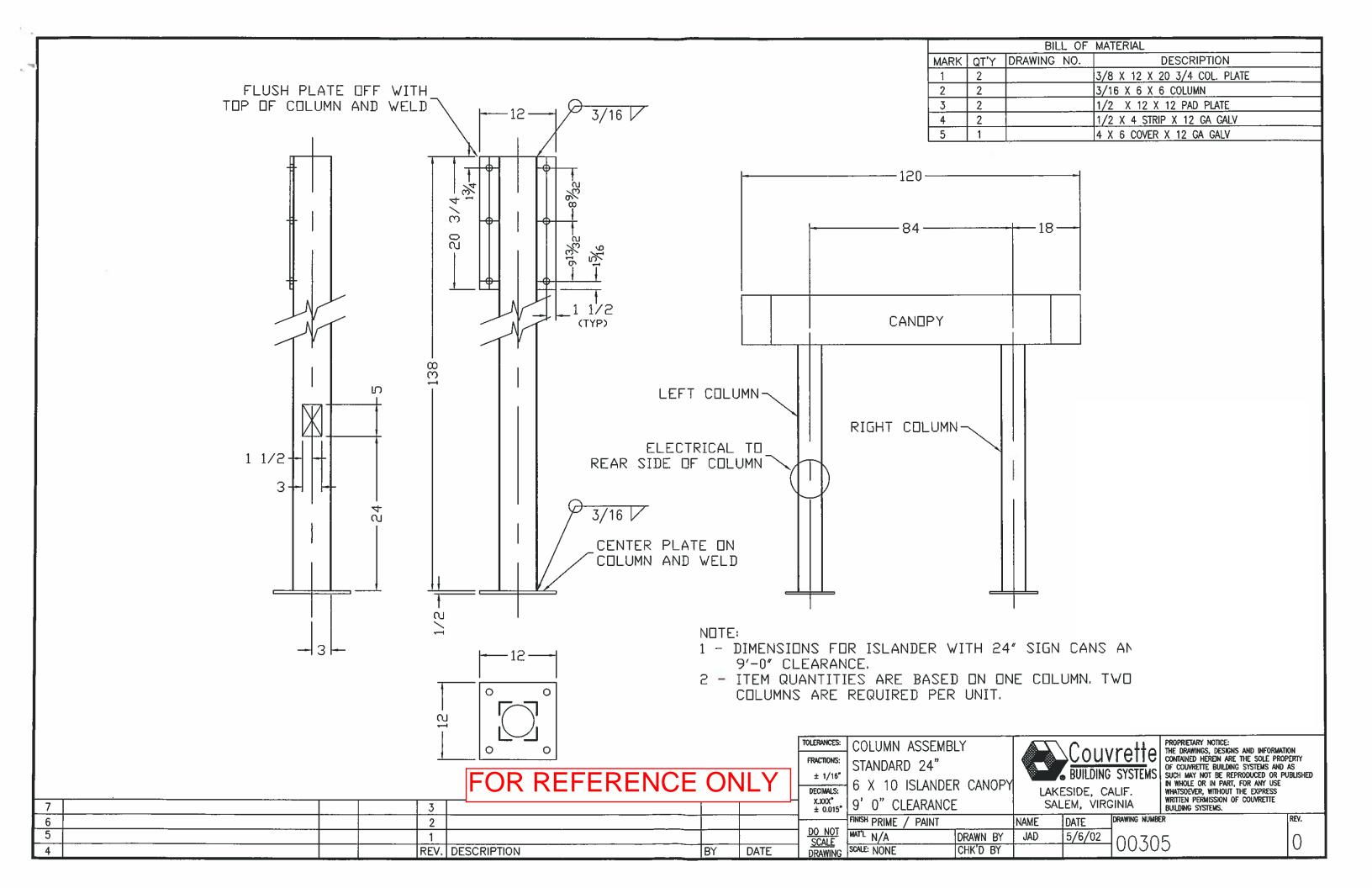
FOR REFERENCE ONLY

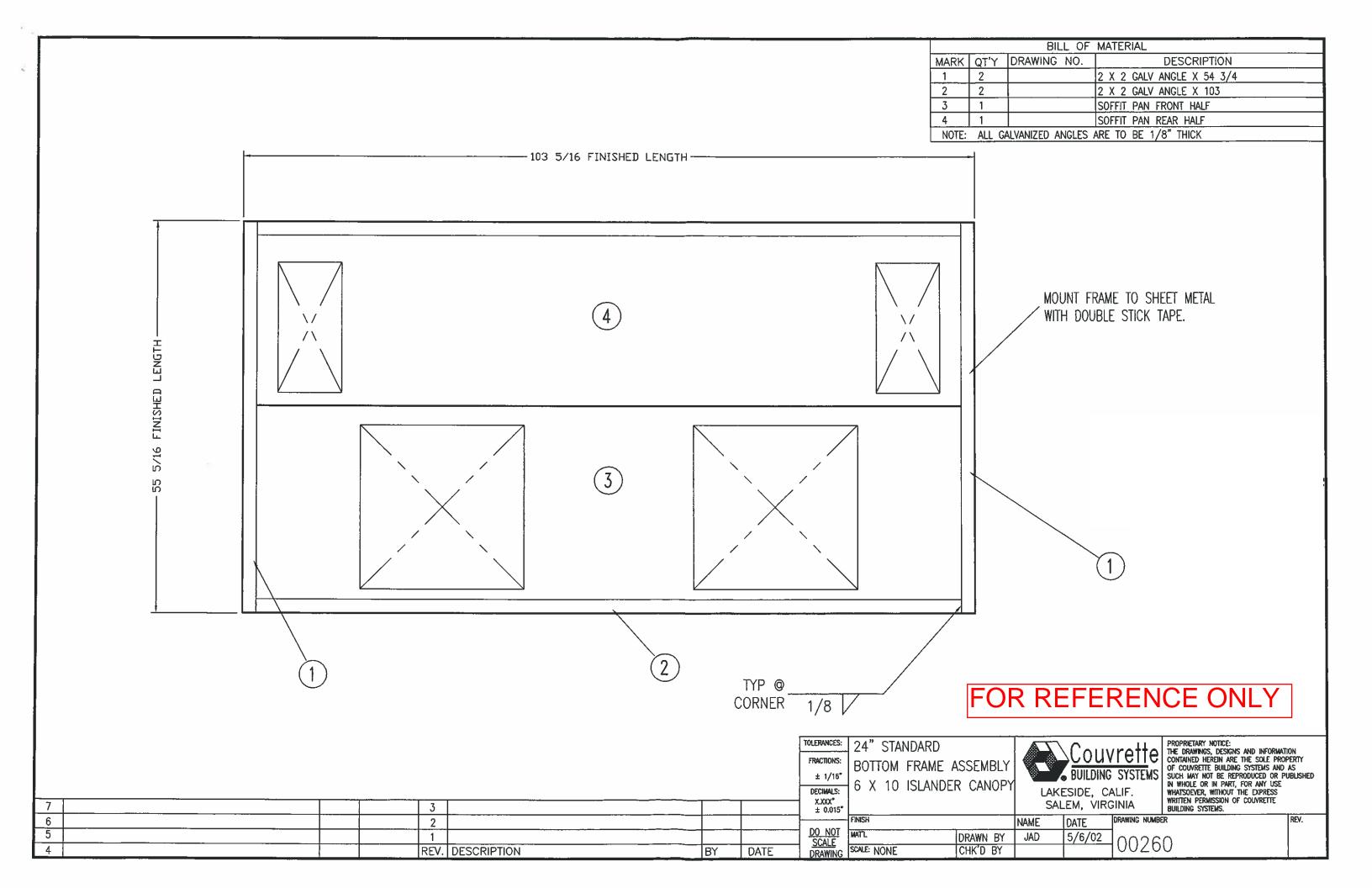
565 ELECTRIC ROAD SALEM, VA 24153 540.375.2608 PHONE 540.375.2638 FAX

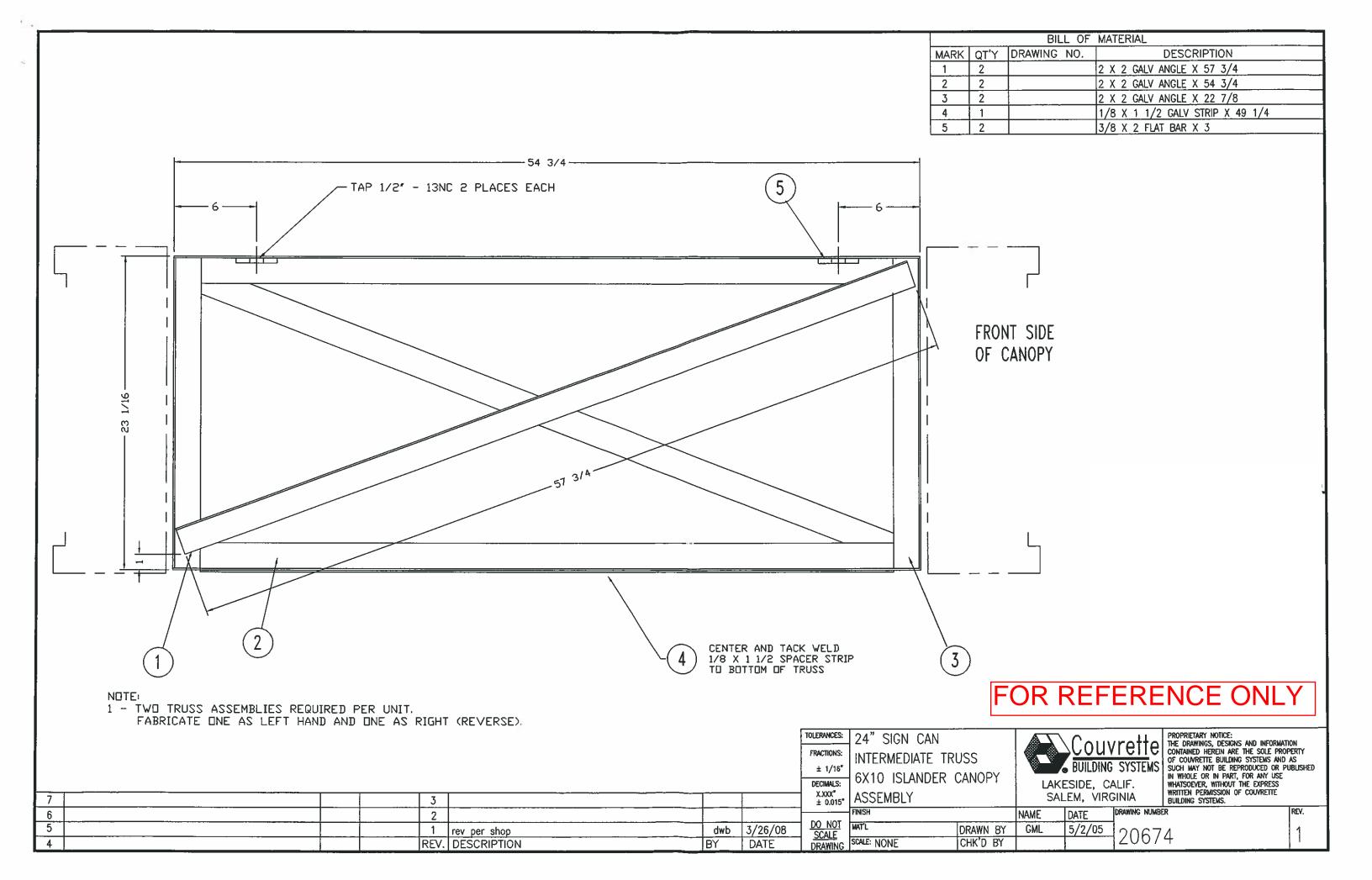
ISLAND CANOPY 10' ISL, TITLE 4 \times

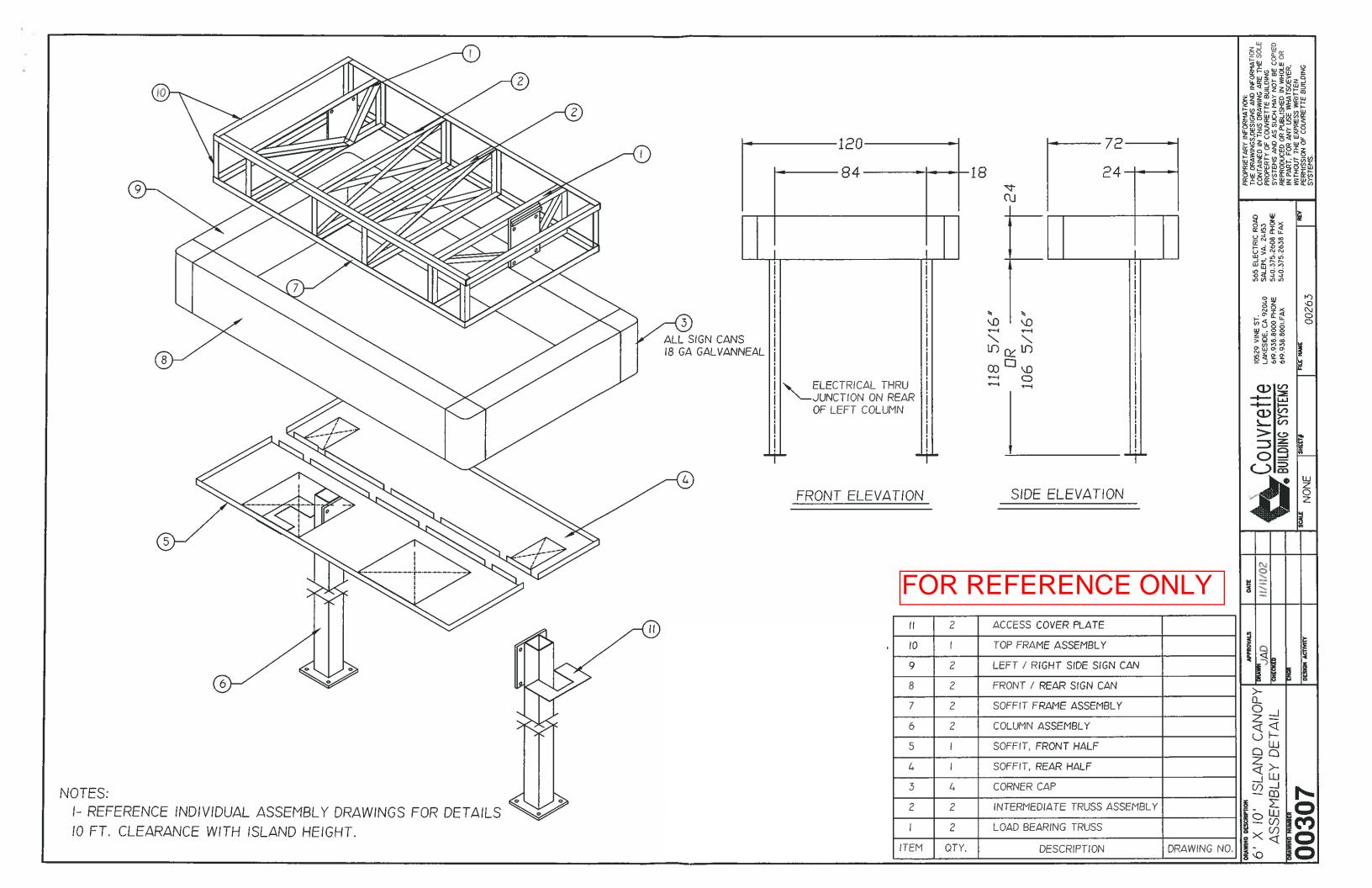
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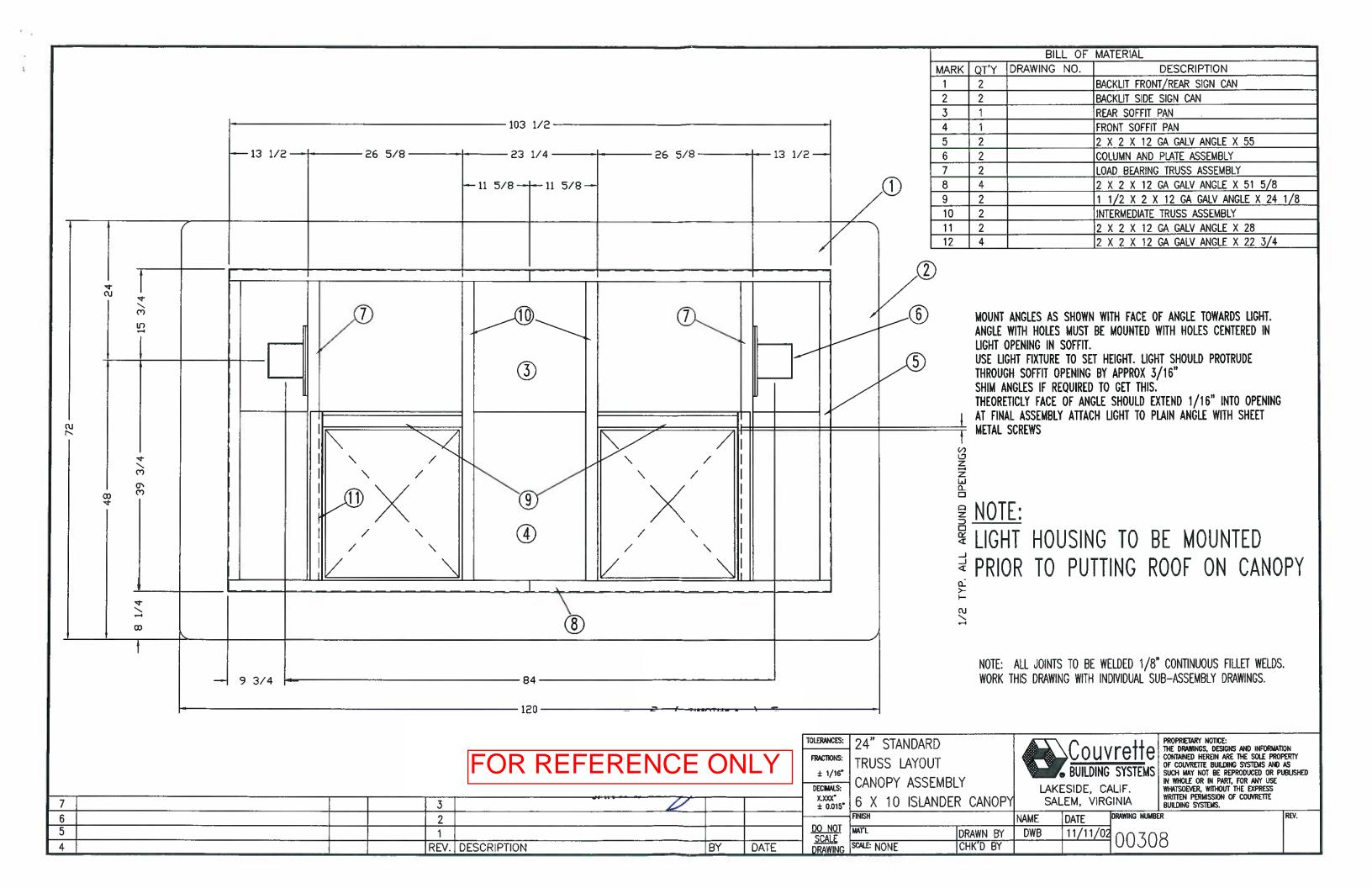


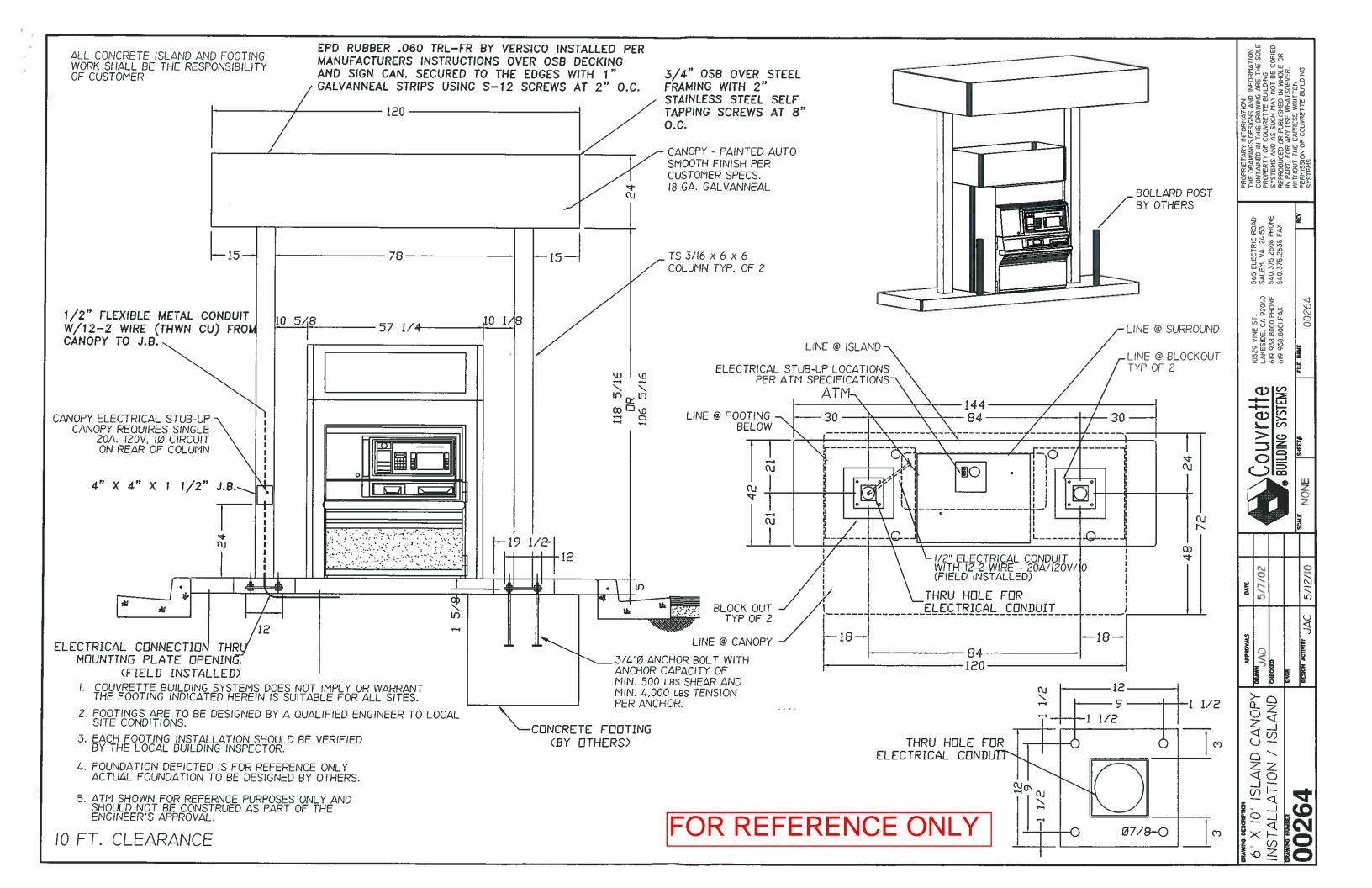






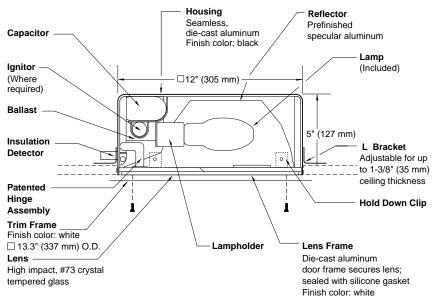






12" (305 mm) RECESSED CANOPY LIGHT





SPEC # WATTAGE	CATALOG #
PULSE START I	METAL HALIDE
125W PSMH	MRC0612-(a)(b)
150W PSMH	MRC0615-(a)(b)
METAL	HALIDE
50W MH	MRC0405-(a)(b)
70W MH	MRC0407-(a)(b)
100W MH	MRC0410-(a)(b)
175W MH	MRC0417-(a)(b)
HIGH PRESSU	JRE SODIUM
35W HPS	MRC0503-(a)(b)
50W HPS	MRC0505-(a)(b)
70W HPS	MRC0507-(a)(b)
100W HPS	MRC0510-(a)(b)
150W HPS	MRC0515-(a)(b)
FLUORE	SCENT
26W FL	MRC0226-(a)(b)

Specify (a) Voltage & (b) Options.

	(a) VOLTAGE SUFFIX KEY
1	120V (Standard)
2	277V (PSMH; 50 – 175W MH; 50 – 150W HPS; 26W FL)
3	208V (PSMH; 50 – 175W MH; 50 – 150W HPS)
4	240V (PSMH; 50 – 175W MH; 50 – 150W HPS)
6	347V (Canada Only) (PSMH; 50 – 175W MH; 70 – 150W HPS)

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor

- (h	OPTIONS	factor	y-installed)	١
	IJ	OI HUMB	lactor	y-iliətalicu	ı

A	Acrylic Drop Prismatic Lens
	(1.8" [44 mm] Deep) (maximum wattage 100W)

Fusing -(a)F

0

Quartz Standby (includes 100W quartz lamp)

Specify (a) Single Voltage — See Voltage Suffix Key

GENERAL DESCRIPTION

Recessed Canopy luminaire for HID lamp, totally enclosed. Reflector is specular aluminum. Housing is seamless, die-cast aluminum. Includes four adjustable steel "L" brackets for mounting to various ceiling thicknesses and four hold down clips to prevent fixture movement during trim installation. Rough-in 12.3" (311 mm) sq. hole required for fixture installation. Two 1/2" conduit openings provided for wire supply. A maximum of 4 No. 12 AWG (2 in/2 out) through branch circuit conductors suitable for at least 150°C allowed on fixtures 100W or less. Fixtures are provided with a UL listed insulation detector, which will deactivate fixture if inadvertently covered with insulation. Lens assembly consists of rigid aluminum frame and high-impact, #73 crystal tempered glass.

ELECTRICAL

Fluorescent fixture supplied with a 26W quad compact fluorescent lamp. HID fixture includes clear, medium-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder with spring-loaded center contact. Fixtures require a minimum 150°C temperature feed wire. Lamp ignitor included where required. Ballast assemblies are high-power factor and use the following circuit types:

Electromagnetic 26W FL

Reactor

120V: 35 - 150W HPS

HX — High Reactance

50 - 100W MH; 50 - 150W HPS

CWA — Constant Wattage Autotransformer 125 & 150W PSMH; 175W MH

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in the US and Canada for wet locations. 150 & 175W not UL Listed for feed-thru wiring.

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer, with white ultra-durable powder topcoat for the lens frame and trim frame, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

PATENT

US 4,689,729

ACCESSORIES

LPF-12 2 x 2 Lay-in Panel

9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

12/11/03 @ Ruud Lighting Inc. Printed in USA www.ruudlighting.com

RCO-12

RECESSED MOUNT

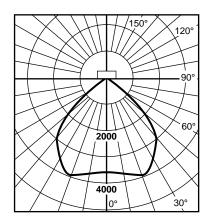
12" (305 mm) RECESSED CANOPY LIGHT

Metal Halide

Lamp: 175 Watt (Clear) – 14,000 lumens Lens: #73 Crystal Tempered Glass

Test Distance: 26' (8 m)

Certified Test Report: Lighting Sciences Inc. No. LSI 9562



Candlepov	er Summary	ı	
Angle	Along	45	Across
0	3580	3580	3580
5	3515	3520	3618
10	3672	3677	3736
15	3868	3867	3863
20	3802	3987	3950
25	3510	3992	3833
30	3075	3817	3556
35	2602	3378	3270
40	2058	2720	2911
45	1480	2055	2334
50	1031	1415	1667
55	704	1024	1193
60	515	698	779
65	384	463	496
70	259	324	347
75	209	233	280
80	152	163	196
85	68	71	98
90	0	4	4

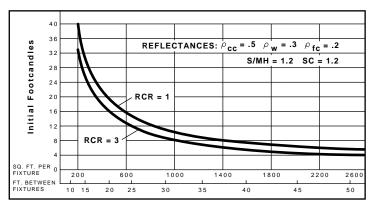
Efficiency = 63.2%; SC = 1.2; S/MH = 1.2

Zonal Lumens and Percentages							
Zone	Lumens	% Lamp	% Fixture				
0-30	3292	23.5	37.2				
0-40	5316	38.0	60.1				
0-60	7925	56.6	89.6				
0-90	8840	63.1	100.00				
90-120	0.0	0.0	0.0				
90-130	0.0	0.0	0.0				
90-150	0.0	0.0	0.0				
90-180	0.0	0.0	0.0				
0-180	8841	63.2	100.00				

Coefficients of Utilization

Effective Floor Cavity Reflectance = 0.20

CC		8	30			7	70			50 30			30			10		
WALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	
RCR																		
1 2					0.68 0.63										0.58 0.53			
3 4 5	0.55	0.48	0.43	0.40	0.58 0.54 0.50	0.48	0.43	0.39	0.46	0.42	0.39	0.45	0.41	0.38	0.48 0.43 0.39	0.40	0.38	
6 7 8	0.44	0.36	0.31	0.28	0.46 0.43 0.40	0.36	0.31	0.28	0.35	0.31	0.27	0.34	0.30	0.27	0.36 0.33 0.31	0.30	0.27	
9 10					0.38 0.35										0.28 0.26			



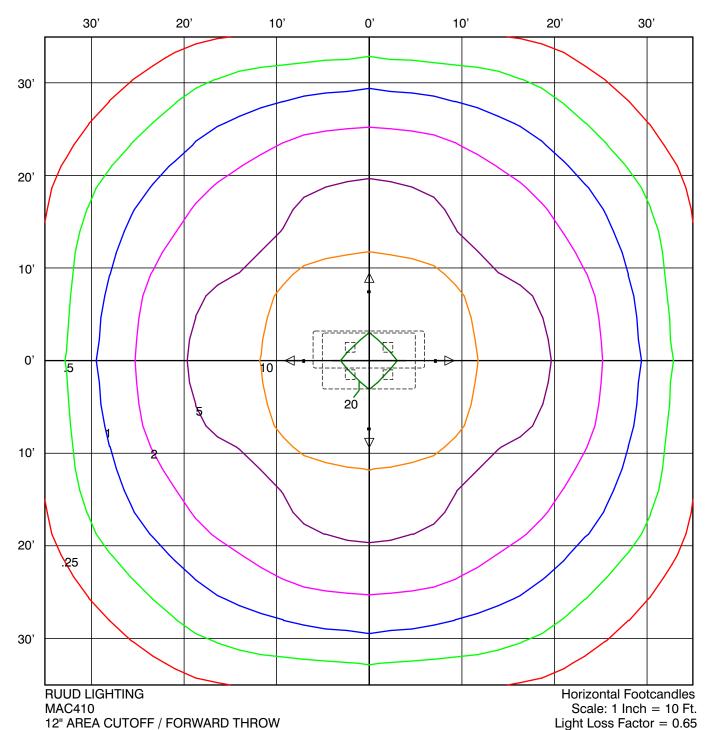
QUICK CALCULATOR: Use this chart to determine the number and spacing of Ruud 12" (305 mm) Canopy Lights with 175W MH lamp. Numbers and spacing for other wattages may be determined as follows: 50W multiply by 0.24; 70W multiply by 0.39; 100W multiply by 0.64.



9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

www.ruudlighting.com





Total Lumens Per Luminaire = 8100

Maximum Calculated Value = 20.85 Fc

Mounting Height = 11.00 Ft

Arm Length = 4 Ft

Arrangement: 4 @ 90 Degrees

Photometric Toolbox Professional Edition (c) copyright 1995-2004 by Lighting Analysts, Inc. Calculations based on published IES Methods and recommendations.

Results derived from content of manufacturers IES format photometric file.

100 WATT MH, CLEAR

GENERAL STRUCTURAL NOTES

NOTE TO PLAN EXAMINER

THIS DRAWING WAS PREPARED FOR THE MOST SEVERE CONDITIONS THAT EXIST IN THE IDENTIFIED STATE FOR EITHER SNOW, WIND, OR EARTHQUAKE LOADS. THEREFORE, THIS FOUNDATION IS APPROPRIATE FOR USE IN ANY PART OF THE STATE. LOADS SHOWN MAY EXCEED THOSE REQUIRED FOR THE LOCAL JURISDICTION.

CODE AND SPECIFICATIONS

- CURRENT EDITION OF THE MICHIGAN BUILDING CODE AND ALL STANDARDS, IN THEIR ENTIRETY.
- ACI 301-05, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
- AISC CODE OF STANDARD PRACTICE, 2000 EDITION,

DESIGN LOADS

ROOF LOADS

20 PSF
35 PSF
1.3
l
1.2

WIND LOAD

BASIC WIND SPEED	90 MPH (3 SEC GUST)
WIND EXPOSURE	
IMPORTANCE FACTOR	1.0
GUST EFFECT FACTOR, G	0.85
NET FORCE COEFFICIENT, Cf	±1.3
DESIGN PRESSURE	±30 PSF

E

EARTHQUAKE LOAD
SEISMIC IMPORTANCE FACTOR, IE1.0
MAPPED SPECTRAL RESPONSE ACCELERATION, SS
MAPPED SPECTRAL RESPONSE ACCELERATION, S11.09
SITE CLASSD
DESIGN SPECTRAL RESPONSE COEFFICIENTS
SDS1.0
SD10.6
SEISMIC DESIGN CATEGORYD
BASIC SEISMIC FORCE RESISTING SYSTEM = CANTILEVERED STEEL COLUMNS
R2.5
DESIGN BASE SHEAR V = CsW = 0.4W2750 LBS
ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE

SAFETY

THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF JOB SITE SAFETY OF ALL PERSONS AND PROPERTY IN, ON, OR NEAR THE CONSTRUCTION SITE DURING PERFORMANCE OF TIIE PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.'

FOUNDATIONS

- NEW FOUNDATION PRESUMPTIVE BEARING PRESSURE = 1500 PSF
- SET COLUMN ANCHOR BOLTS WITH A TEMPLATE PRIOR TO PLACING CONCRETE.

REINFORCING STEEL

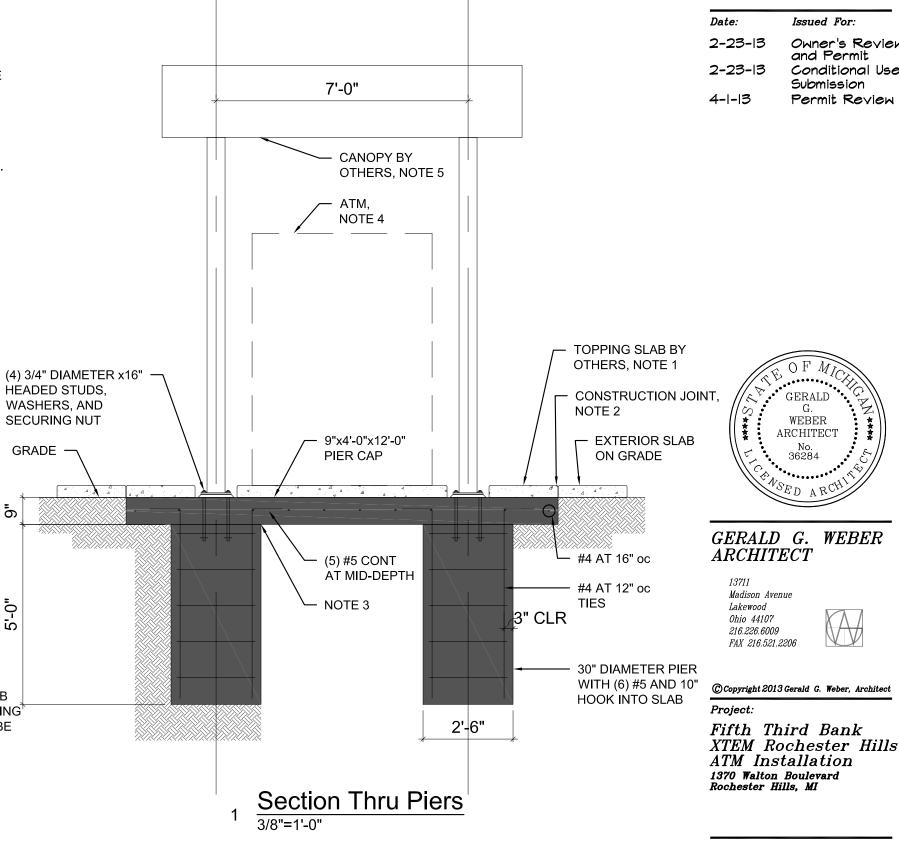
DEFORMED REINFORCING BARS, ASTM 615, 60 KSI YIELD.

CONCRETE

- All CONCRETE SHALL BE NORMAL WEIGHT CONCRETE 1.
- MINIMUM CONCRETE STRENGTH 4,000 PSI AT 7 DAYS.

STRUCTURAL STEEL

MATERIAL: ANCHOR BOLTS.....ASTM A307



NOTES:

- 1. CONTRACTOR HAS OPTION TO PLACE TOPPING SLAB INTEGRAL WITH PIER CAP WITHIN THE DIMENSIONS OF THE PIER CAP.
- 2. CONTRACTOR TO PLACE CONSTRUCTION JOINT AROUND ALL SIDES OF PIER CAP TO SEPARATE EXTERIOR SLAB ON GRADE AND PIER CAP.
- CONTRACTOR HAS OPTION TO PLACE CONSTRUCTION JOINT BETWEEN PIER AND PIER CAP.
- DESIGN IS BASED ON SUPPORTING AN ATM NOT TO EXCEED 3000 LBS.
- DESIGN IS BASED ON A 6FTX10NX2FT COUVRETTE CANOPY NOT TO EXCEED 12'-0" HIGH AND 3400 LBS.

Drawing Name: Structural

Project No: Drawing No:

13001 S-1

Issued For:

and Permit

Submission

GERALD

G.

WEBER ARCHITECT

Owner's Review

Conditional Use

Permit Review

Branding Detail

A Sapphire Blue Paint Spec: Match of MP55619 Finish: Egg Shell/Satin

Silver Paint (%" border) Spec: Match of MP55607 Finish: Approved 5/3 Texture

Backlit Graphics (applied to white plex) Color: Sapphire Blue Spec: 3M #3632-8607 Color: Sky Blue

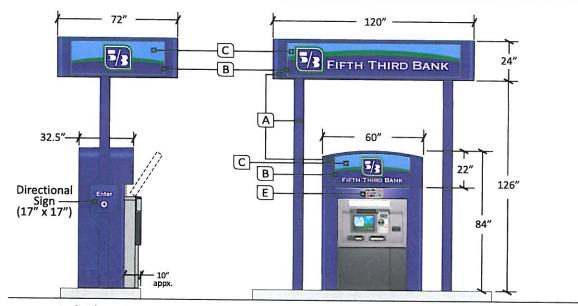
Spec: 3M #3632-8043 Color: Vivid Green Spec: 3M #3632-156

Non-Backlit Vinyl Graphics Color: White

Spec: 3M #680-10 White (reflective) Color: Red

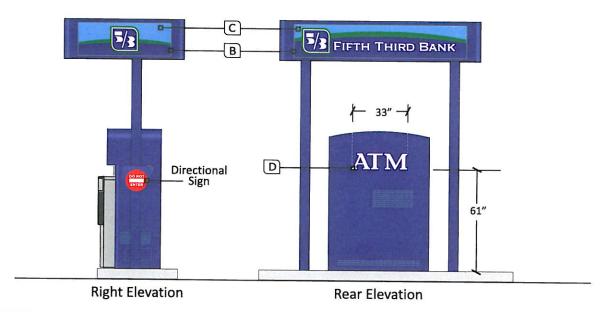
Spec: 3M #680-72

E Horizon Frame & Graphic Insert



Left Elevation

Front Elevation





PROJECT NAME	FIFTH THIRD BANK_BRANDING STANDARD	os		A			T
LOCATION:				A			1
ADDRESS:				A			1
CITY, STATE, ZIP.				A			١
PRODUCT:	FREESTANDING CAN_HSUR_6638	DRAWN BY:	DATE: 10/15/10	REV	DATE	DESCRIPTION	ı

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SURROUND BACKLIT PANEL



(A) Surround Paint

Color: CBS1062 Dark Blue Finish: Egg Shell

Paint & Graphics Detail

B Backlit Graphics

3M translucent vinyl applied to 1/8" white sign plex.

Color: Green

Material: 3M# 3632-156 Vivid Green

Color: Dark Blue

Material: 3M# 3632-8607 Sapphire Blue

Color: Light Blue

Material: 3M# 3632-8043 Sky Blue

C Vinyl Graphics

High Performance 3M Vinyl applied to metal surface.

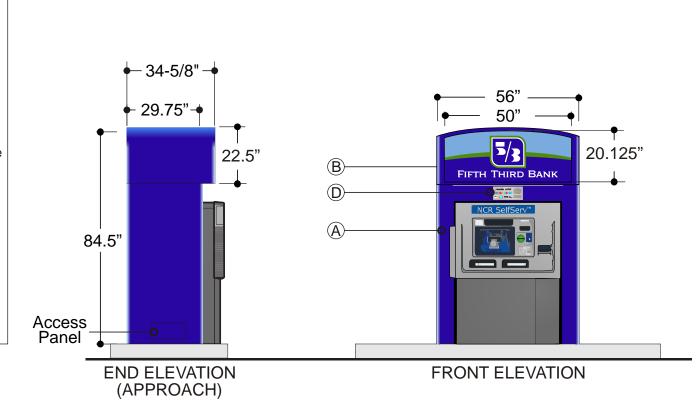
Color: White

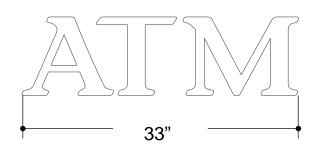
Material: 3M# 220-10 White

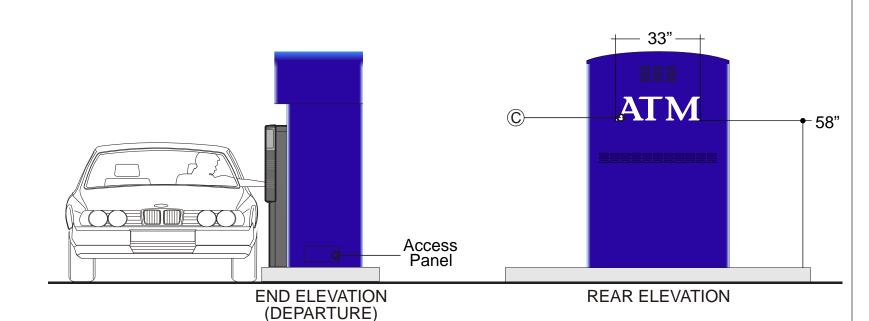
D Network Graphics

Network Graphics to be supplied

by Proximiti







GRAPHICS LAYOUTS

Dimensions and physical configurations subject to Engineering verification.

STANDARD ELEVATIONS

Couvrette BUILDING SYSTEMS	565 Electric Road • S TEL (540) 375-2608 • www.couvrette.com •					
P-4987						
Rev. #: 3.0	Sheet 1 of 1	Date: 1/19/10				
Approved By:		Drawn By: Matt M.	1/19/10	MM	Revision	3.0
The information contained herein are the sole property of Couvrette Building Systems and as such may not be reproduced or published in whole or in part, for any use whatspever			9/24/09	BR	Revision	2.0
			9/22/09	MM	Initial Approval Rendering	
is for paint and graphics purpo	ise only, and should not be used for	of Couvrette Building Systems. Information provided y, and should not be used for dimensional accuracy.		BY	DESCRIPTION	REV#



Product: Islander Surround, Arched Signcan NCR 6638

750 Islander Surround and Canopy Specs & Options								
FINISH	STORAGE AC	CCESS PANEL	CANOPY		<u>OPTIONS</u>			
Metal	Approach	O Front	⊖Canopy - 24" Height		AHDEnvelope Dispenser			
O Stucco O Rear O Departure		○Two-Post ○Four-Post	 Waste Receptacle 					
CONFIGURATION DOWN LIGHTING		DOWN LIGHTING	Bumper Guards POS Panel					
Drive-up	● Front ○	Rear ○ Left ○ Right	O Front O Rear O Left O	Right	Networks Panel -			
○ Walk-up	○ Walk-up <u>BACKLIGHTING</u>		BACKLIGHTING	by Proximiti				
	● Front ○	Rear OLeft ORight	○ Front ○ Rear ○ Left ○	Right	O VHD			