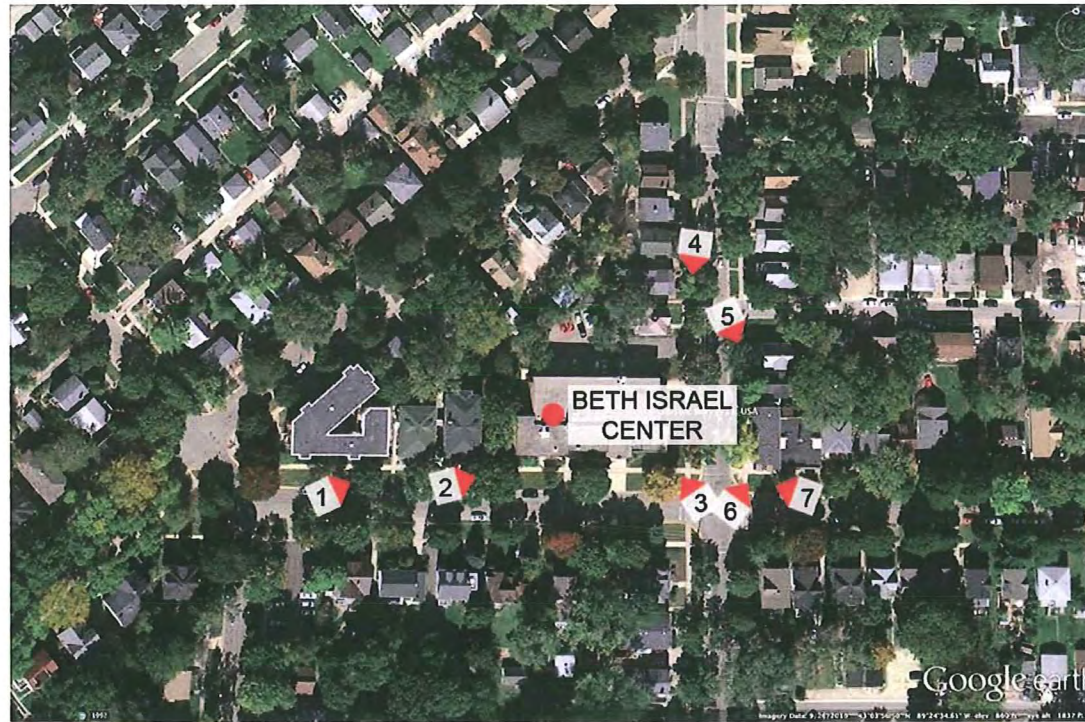




Image 1 - Adjacent Apartment Buildings along Mound looking East Street



Locator Map of Existing Images



Image 2 - Along sidewalk at Mound Street looking East



Image 3 - View North along Randall Street

13005.00

Existing Site Photos

Beth Israel Center - Renovation and Addition
Scale: NTS

Submitted on February 5, 2014 for March 24, 2014 Plan Commission Meeting



Image 4 - Site from sidewalk along Randall Street looking South



Image 6 - Commercial Building on corner of Mound & Randall looking NE



Image 5 - Property across Randall Street looking



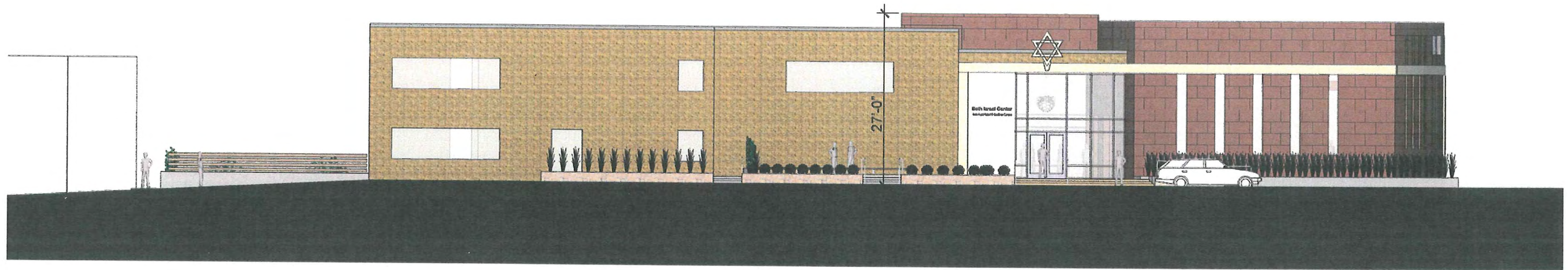
Image 7 - Commercial Building on corner of Mound & Randall looking West

13005.00

Existing Site Photos

Beth Israel Center - Renovation and Addition
Scale: NTS

Submitted on February 5, 2014 for March 24, 2014 Plan Commission Meeting



Mound Street Elevation - Existing

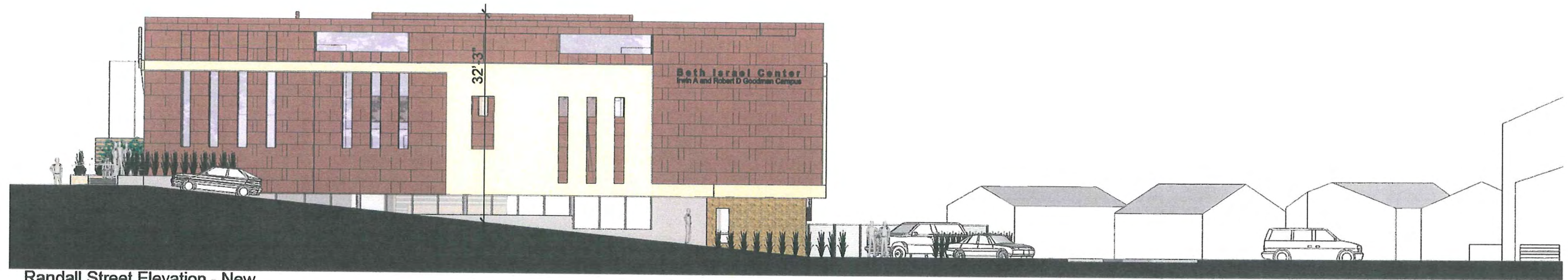
Existing to New Building Elevation Comparison

Beth Israel Center - Renovation and Addition

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

Submitted on February 5, 2014 for March 24, 2014 Plan Commission Meeting

13005.00



Randall Street Elevation - New



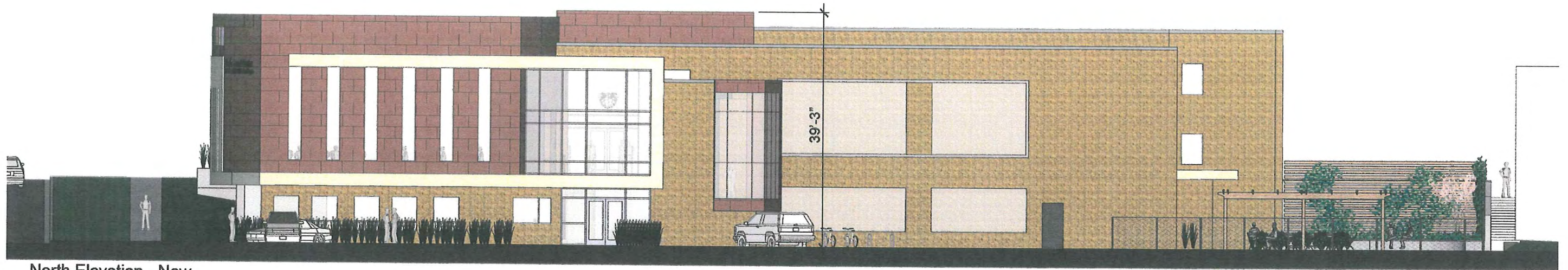
Randall Street Elevation - Existing

Existing to New Building Elevation Comparison

Beth Israel Center - Renovation and Addition

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

Submitted on February 5, 2014 for March 24, 2014 Plan Commission Meeting



North Elevation - New



North Elevation - Existing

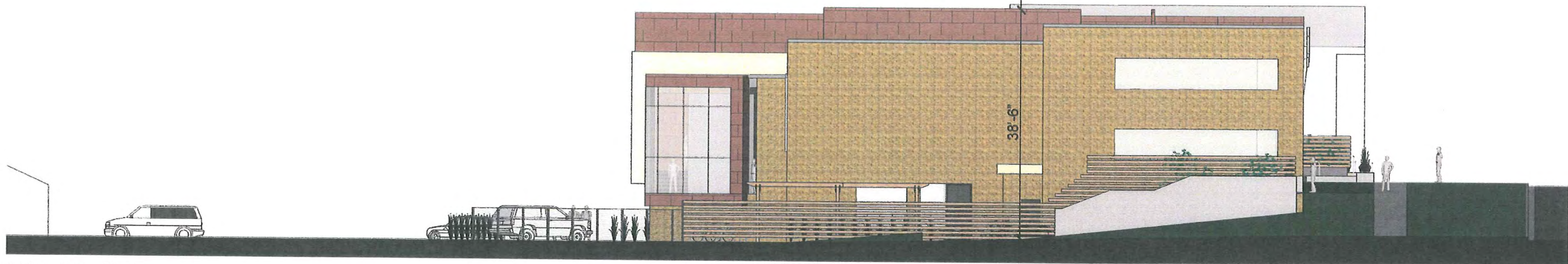
Existing to New Building Elevation Comparison

Beth Israel Center - Renovation and Addition

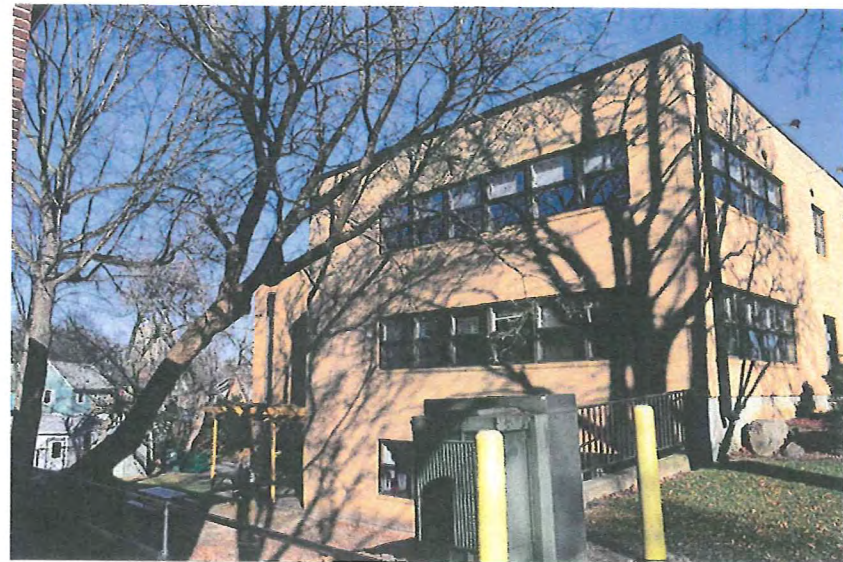
Scale: 1/16" = 1'-0"

Submitted on February 5, 2014 for March 24, 2014 Plan Commission Meeting

13005.00



West Elevation - New



West Elevation - Existing

13005.00

Existing to New Building Elevation Comparison

Beth Israel Center - Renovation and Addition

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

Submitted on February 5, 2014 for March 24, 2014 Plan Commission Meeting

BETH ISRAEL CENTER - ADDITIONS & RENOVATIONS

1406 Mound Street, Madison, WI 53711

City of Madison Plan Commission Submittal

CāS₄
architecture, llc

3414 Monroe Street
Madison, WI 53711
ph 608-709-1250

Interior Design:
KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

Civil & Landscape Design:
Ken Saiki Design
303 S. Patterson Street, Madison, WI 53703
608-251-3600

Structural Engineering:
Pierce Engineers, Inc.
10 W. Mifflin Street, # 205, Madison, WI 53703
608-256-7304

Mechanical, Electrical, Plumbing, Fire
Protection & Technology Engineering:
KJWW Engineering, Inc.
802 W. Broadway, # 312, Madison, WI 53713
608-223-9600

Food Service:
Stewart Design Assoc.
2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations

1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

TITLE SHEET

G001

Civil / Landscape

Ken Saiki Design
303 S. Patterson Street
Madison, WI 53703

ph 608-251-3600

- C100 Site Demolition Plan
- C200 Site Grading Plan
- C300 Site Layout Plan
- C400 Site Utility Plan (Storm Sewer)
- L100 Site Planting Plan

Architectural

CāS Architecture, LLC
3414 Monroe Street
Madison, WI 53711

ph 608-709-1250

- G001 Titlesheet
- V100 Survey
- D100 Lower Level Demolition Plan
- D101 First Floor Demolition Plan
- D102 Second Floor Demolition Plan
- D103 Roof Demolition Plan
- A100 Lower Level Floor Plan
- A101 First Floor Plan
- A102 Second Floor Plan
- A103 Roof Plan
- A200 Exterior Elevations
- A201 Exterior Elevations
- A202 Building Images

Electrical

KJWW Engineering, Inc.
802 W. Broadway; #312
Madison, WI 53713

ph 608-223-9600

- E001 Site Plan
- E001.1 Site Plan Photometrics
- E200 Details and Schedules
- E300 Luminaire Cut Sheets
- E301 Luminaire Cut Sheets

PROJECT LOCATION MAP

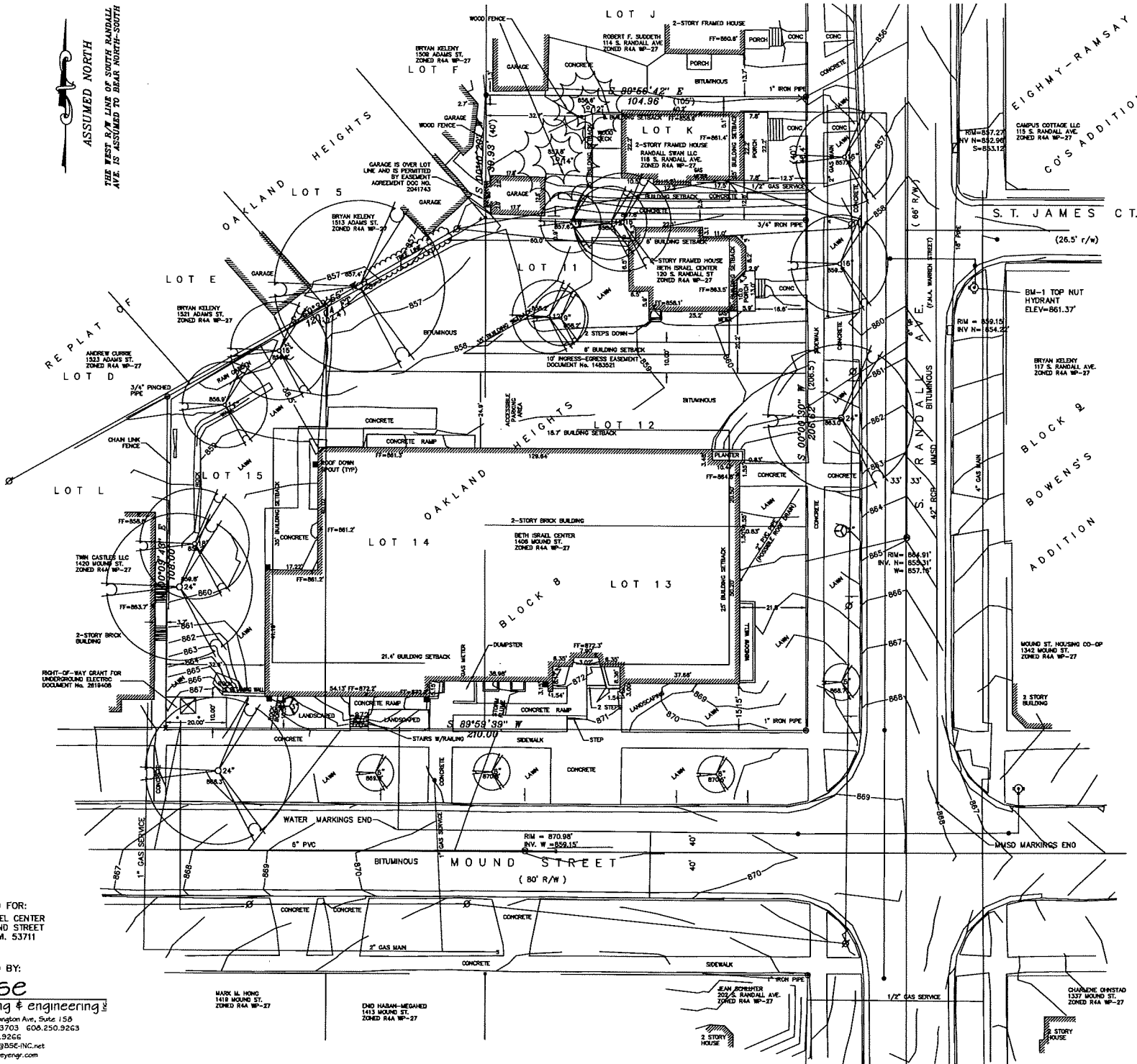
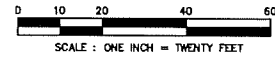


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Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

BOUNDARY AND TOPOGRAPHIC SURVEY

ALL OF LOTS 12, 13 AND 15 AND THE SOUTH 116.5' OF LOT 14, BLOCK 8, OAKLAND HEIGHTS, LOT K OF THE ALL OF LOTS 1,2,3,4,5,6,7,8,9,10,16, BLOCK 8, OAKLAND HEIGHTS, AND ALL OF LOT 11 AND ALL OF LOT 14 EXCEPT THEREFROM THE SOUTH 116.5', BLOCK 8, BEING PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 SECTION 22, TOWN 7 NORTH, RANGE 9 EAST, ALL IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN.



NOTES:

- 1) Except as specifically stated or shown on this map, this survey does not purport to reflect any of the following which may be applicable to the subject real estate: easements; building setback lines; restrictive covenants; subdivision restrictions; zoning or other land use regulations; and any other facts that on accurate and current title search may disclose.
- 2) No attempt has been made as a part of this boundary survey to obtain or show data concerning existence, size, depth, condition, capacity, or location of any utility or municipal/public service facility. For information regarding these utilities or facilities, please contact the appropriate agencies.
- 3) Date of field work: Sept. 27 and 28, Oct. 4 2011
- 4) Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, or other facts that on accurate and current title search may disclose. Surveyor was provided with Title Commitment Number 2218617 dated September 29, 2011 from First American Title Insurance Company, which references the following (numbers in parenthesis match items in Part A of Commitment.):
 - (1) Reservations for easements, building setback lines and other matters shown on the recorded plat of the subject property.
 - (2) Right of Way Grant for Underground Electric recorded July 25, 1994 as Document No. 2619408. [Shown hereon]
- And Title Commitment Number 2218305 dated September 29, 2011 from First American Title Insurance Company, which references the following (numbers in parenthesis match items in Part A of Commitment.):
 - (1) Reservations for easements, building setback and other matters shown on the recorded plat map of the subject property.
 - (2) Easement for ingress and egress, over the southerly 10 feet of Lot 11, as reserved in Land Contract recorded August 20, 1978 as Document No. 1483521. [Shown hereon]
- And Title Commitment Number 2223298 dated October 12, 2011 from First American Title Insurance Company, which references the following (numbers in parenthesis match items in Part A of Commitment.):
 - (1) Reservations for easements, building setback and other matters shown on the recorded plat or certified survey map of the subject property.
 - (2) Easement Agreement recorded August 28, 1987 in Volume 10525 of Records as Document No. 2041743. [Shown hereon]
- 5) All buildings, and surface and subsurface improvements on and adjacent to the site are not necessarily shown hereon.
- 6) All trees, hedges and ground cover on the site may not necessarily be shown hereon.
- 7) Routing of public utilities is based upon drawings obtained from the City of Madison Engineering Department, markings provided by Digger's Hotline 2011391856, 2011391591, 2011391586, and 2011391503 and visible above ground structures. Additional buried utilities/structures may be encountered. No excavations were made to located utilities. Before excavations are performed contact Digger's Hotline. Gas lines partially marked. No gas services were partially marked.
- 8) Elevations were transferred to the site using WSCORS with RTK GPS. A benchmark was set on the top nut of a hydrant at the SE corner of S. Randall Ave. and S. James Ct. Elevation = 861.37'
- 9) By graphic plotting only, this parcel is located in Zone X of the Flood Insurance Rate Map Community Panel Number 550250408G, dated 1-02-2009.
- 10) Total parcel area = 36,070 square feet
- 11) Building setbacks for 116 and 120 S. Randall Ave. - Front yard 25 feet, Side yard (two story) 8 feet, Rear yard 35 feet. Building setbacks for 1406 Mound St. - Front yard 34.5 feet, Side yard (two story) 9.75 feet, Reverse corner lot street side yard - 22 feet, Rear yard - 33 feet.

LEGEND	
●	IRON PIPE FOUND (OUTSIDE DIAMETER NOTED)
•	3/4" SOLID IRON ROD FOUND
○	3/4" X 18" SOLID IRON RE-ROD SET, WT. 1.50 LBS./FT.
x	CHISELED CROSS CUT
●	FOUND DRILL HOLE IN CONCRETE BASE OF 2" IRON FENCE POST
()	INDICATES RECORDED AS
DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT. BUILDING DIMENSIONS ARE MEASURED TO THE NEAREST TENTH OF A FOOT.	
—○—	OVERHEAD UTILITY
—●—	BURIED GAS MAIN
—■—	WATER MAIN
—□—	SANITARY SEWER
—▲—	BURIED TELEPHONE
—△—	BURIED ELECTRIC
—◇—	BURIED CABLE TV
—◇—	BURIED FIBER OPTIC
●	WATER VALVE
●	GAS VALVE
□	CABLE TV PEDESTAL
□	ELECTRIC PEDESTAL
□	TELEPHONE PEDESTAL
□	UTILITY POLE
□	LIGHT POLE
□	GUY WIRE
□	MAILBOX
□	SIGN
□	PARKING METER
□	FIRE HYDRANT
□	ROOF DRAIN DOWN SPOUT
□	STORM SEWER STRUCTURE
□	CATCH BASIN
□	STORM SEWER INLET
○	ELECTRIC MANHOLE
○	TELECOMM. MANHOLE
○	STORM SEWER MANHOLE
○	SANITARY SEWER MANHOLE
○	WATER UTILITY MANHOLE
○	3" DECIDUOUS TREE
○	3" CONIFEROUS TREE
○	UTILITY CONTROL POINT
○	BM-1 BENCHMARK
○	BITUMINOUS PAVEMENT
○	CONCRETE PAVEMENT
○	TRAFFIC ENGINEERING
○	BOLLARD

DESCRIPTIONS FURNISHED:

All of Lots Twelve (12) and Thirteen (13) and the Southerly 116.5 feet of Lot Fourteen (14) and all of Lot Fifteen (15), Block Eight (8), Oakland Heights, in the City of Madison, One County, Wisconsin.
 Also:
 Lot Eleven (11) and such portion of Lot Fourteen (14) as would lie North of an extension of the South line of Lot 11, Block (8), Oakland Heights, in the City of Madison, Dane County, Wisconsin.
 Also:
 Lot K, Replat of Lots One (1), Two (2), Three (3), Four (4), Six (6), Seven (7), Eight (8), Nine (9), Ten (10) and Sixteen (16), Block Eight (8), Oakland Heights, in the City of Madison, Dane County, Wisconsin.

SURVEYOR'S CERTIFICATE:

I, Michelle L. Bursé, Registered Land Surveyor, No. 2020, hereby certify that the foregoing survey was executed under my direction and control, and that said survey meets the minimum standards for property surveys of the Wisconsin Administrative Code (A-7), and the map hereon is correct to the best of my knowledge and belief.

Dated this _____ day of _____ 2011.
 Signed: _____
 Michelle L. Bursé, R.L.S. No. 2020

Burse
Surveying and Engineering, Inc.

1400 E. Washington Ave., Suite 158
Madison, WI 53703
Phone: 608-250-9263
Fax: 608-250-9266
e-mail: mburse@bse-inc.net
www.bursesurveyengr.com

BETH ISRAEL CENTER
1406 MOUND STREET
MADISON, WI 53771-2222

BETH ISRAEL CENTER
1406 MOUND STREET
MADISON WI 53711

PROJECT #: BSE1484-11
 PLOT DATE: 10/25/2011
 REVISION DATES:
 ISSUE DATES:

EXISTING CONDITIONS SURVEY

Burse
Surveying and Engineering, Inc.

DRAWING NUMBER
V100

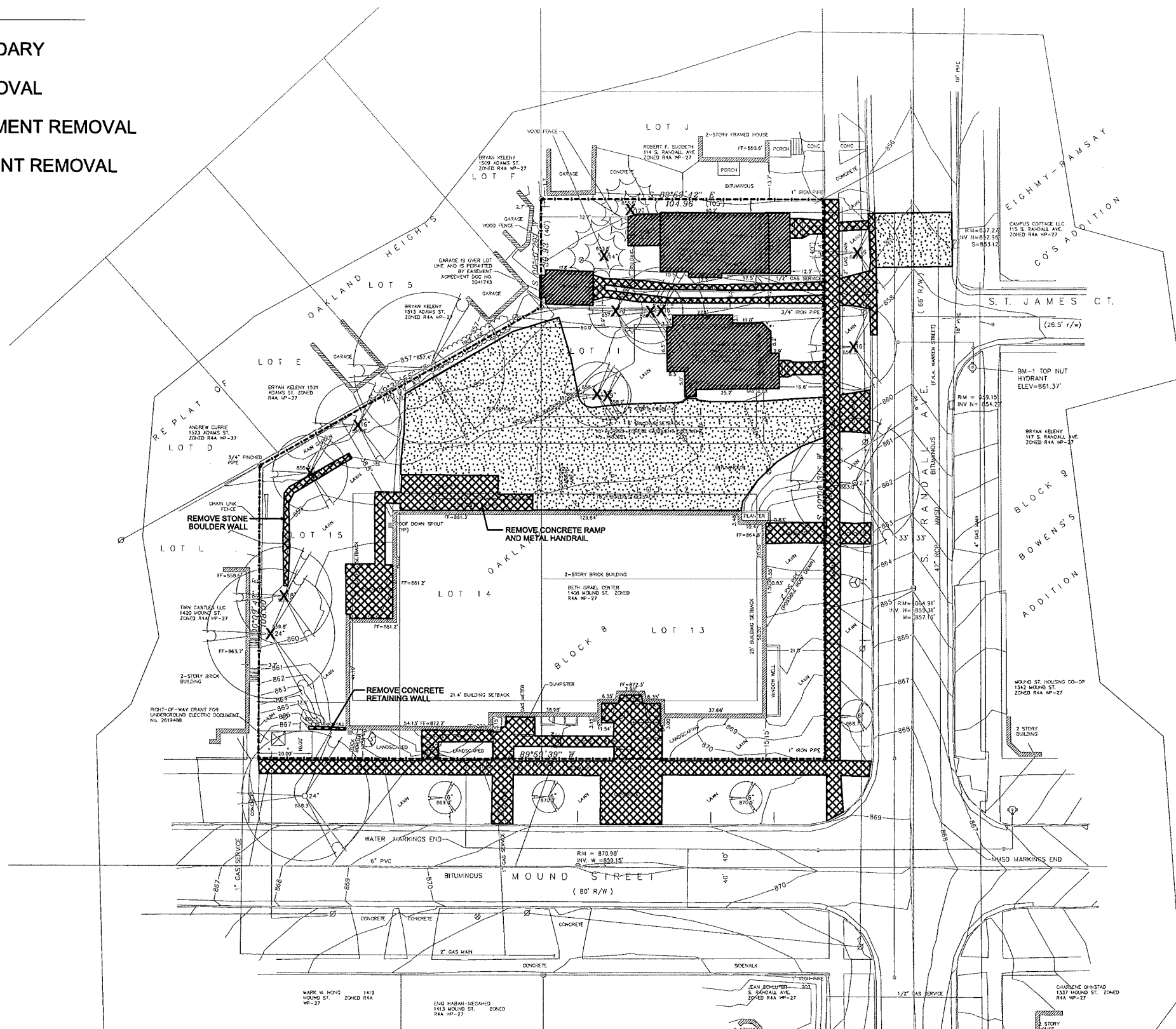
SURVEYED FOR:
 BETH ISRAEL CENTER
 1406 MOUND STREET
 MADISON WI 53711

SURVEYED BY:
Burse
 surveying & engineering
 1400 E. Washington Ave., Suite 158
 Madison, WI 53703 608.250.9263
 Fax: 608.250.9266
 email: mburse@bse-inc.net
 www.bursesurveyengr.com

Date: October 19, 2011
 Plot Year: 24X36
 \PROJECTS\BSE1484\DWG\BSE1484.DWG

LEGEND

- PROPERTY BOUNDARY
-  STRUCTURE REMOVAL
-  CONCRETE PAVEMENT REMOVAL
-  ASPHALT PAVEMENT REMOVAL
- X TREE REMOVAL



CāS₄
architecture, llc

3414 Monroe Street
Madison, WI 53711
ph 608-709-1250

Interior Design:

KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

Civil & Landscape Design:

Ken Saiki Design
303 S. Patterson Street, Madison, WI 53703
608-251-3600

Structural Engineering:

Pierce Engineers, Inc.
10 W. Mifflin Street, # 205, Madison, WI 53703
608-256-7304

Mechanical, Electrical, Plumbing, Fire
Protection & Technology Engineering:
KJWW Engineering, Inc.
802 W. Broadway, # 312, Madison, WI 53713
608-223-9600

Food Service:

Stewart Design Assoc.
2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-223-9600

**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

Issued for:

No.	Description	Date
01	DD Review & Prelim. Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: PMC
Checked by: MDS

**SITE DEMOLITION
PLAN**

C100

SCALE: 1" = 20'-0"
0" 10' 20' 40'



Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

Interior Design:
KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

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Ken Saiki Design
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**Beth Israel Center -
Addition & Renovations**
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Madison, WI 53711

Project #: 13005.00

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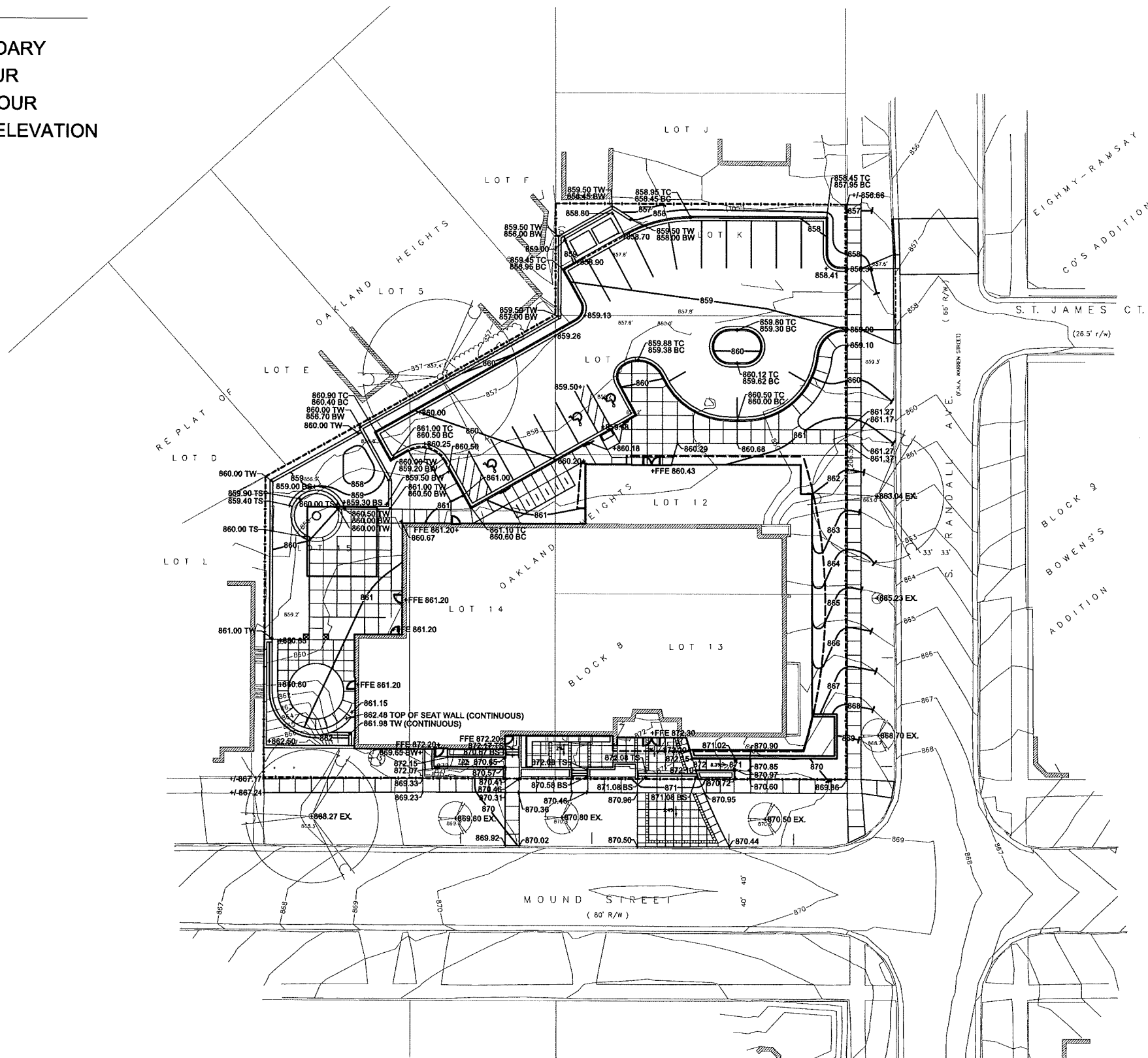
Drawn by: PMC
Checked by: MDS

**SITE GRADING
PLAN**

C200

LEGEND

- PROPERTY BOUNDARY
- 857- EXISTING CONTOUR
- 871- PROPOSED CONTOUR
- FFE FINISHED FLOOR ELEVATION
- EX EXISTING
- TS TOP OF STEP
- BS BOTTOM OF STEP
- TW TOP OF WALL
- BW BOTTOM OF WALL
- TC TOP OF CURB
- BC BOTTOM OF CURB

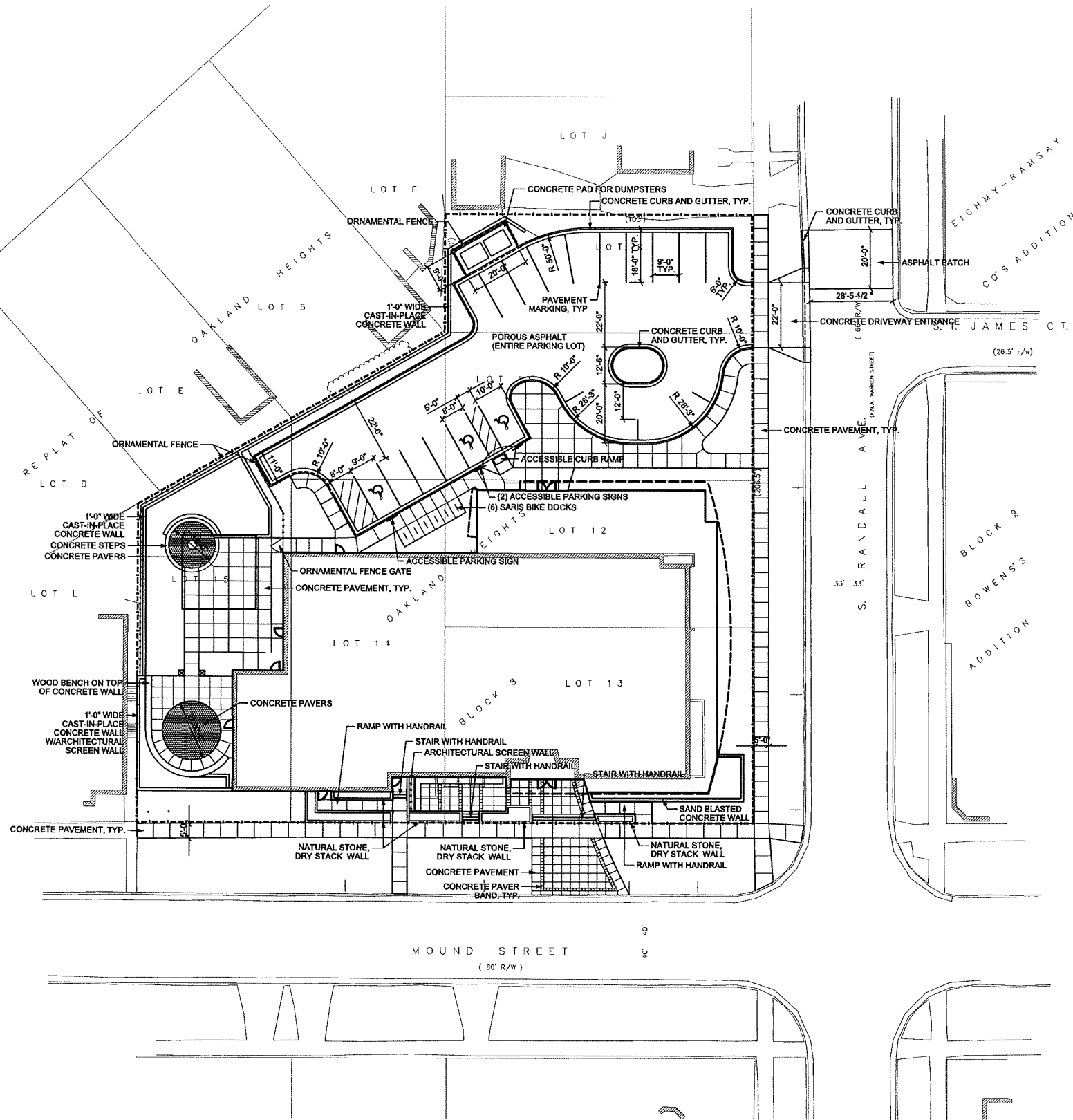


SCALE: 1" = 20'-0"
0' 10' 20' 40'



LEGEND

- PROPERTY BOUNDARY
- ORNAMENTAL FENCE
- TYP. TYPICAL
- R RADIUS



Cās₄
architecture, llc

3414 Monroe Street
Madison, WI 53711
ph 608-709-1250

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**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

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No.	Description	Date
01	DD Review & Prelim. Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: PMC
Checked by: MDS

**SITE LAYOUT
PLAN**

C300

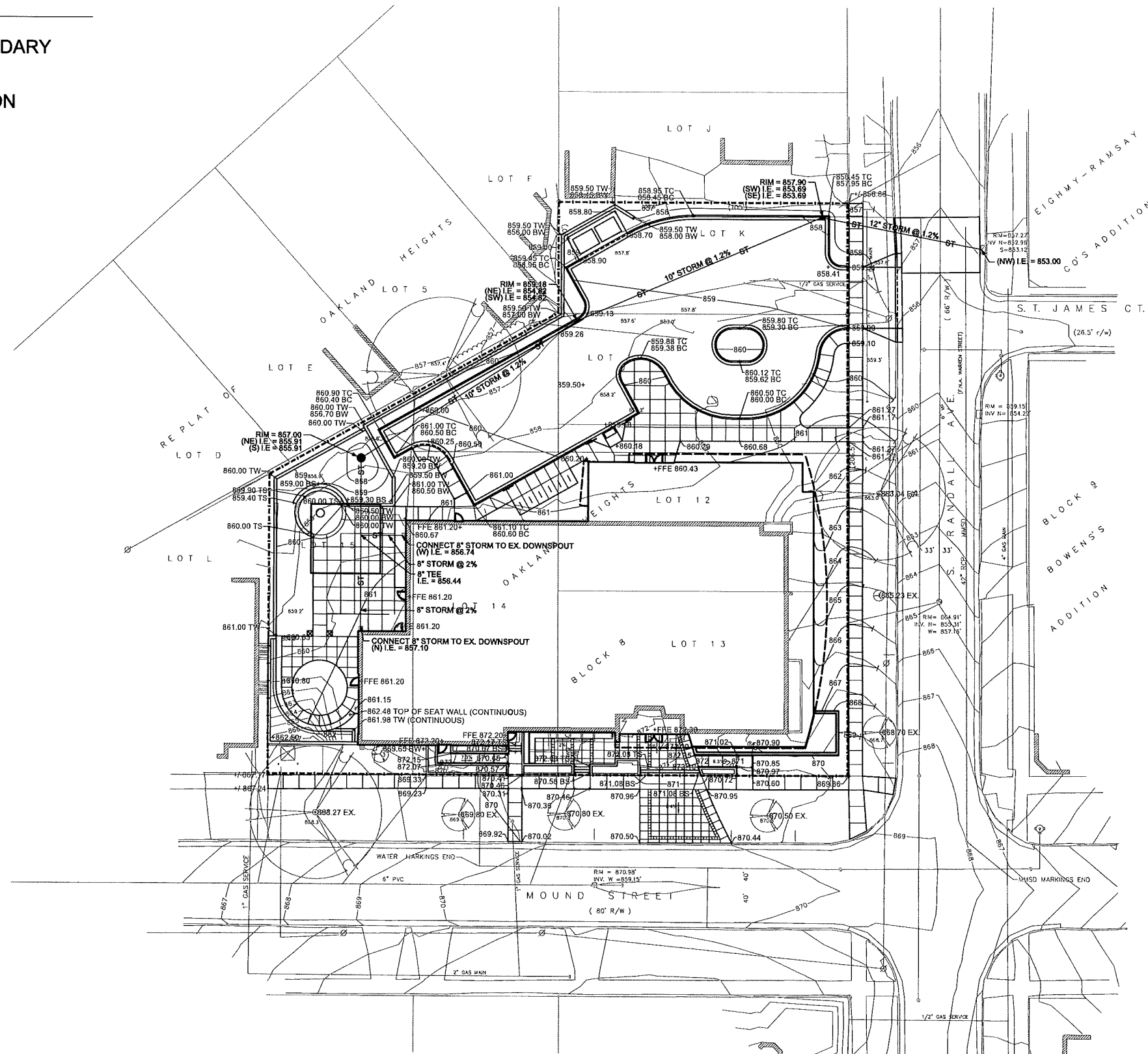
SCALE: 1" = 20'-0"
0' 10' 20' 40'



Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

LEGEND

- PROPERTY BOUNDARY
- ST— STORM SEWER
- I.E. INVERT ELEVATION
- RIM RIM ELEVATION



CāS₄
architecture, llc

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Drawn by: PMC
Checked by: MDS

**SITE UTILITY
PLAN
(STORM SEWER)**

C400

SCALE: 1" = 20'-0"
0' 10' 20' 40'



Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

PLANT LIST

Key	Botanical Name	Common Name	Quantity	Size	Spec	Comments	Mature Size
Deciduous Trees							
CO	<i>Carya occidentalis</i>	Hickory	1	2.5" Cal.	B&B	Single, straight leader; match specimens; branching shall start at 5'-0" min.	40-60' H x 40-60" sp
GT	<i>Gleditsia plicata</i> var. <i>inermis</i>	Shadblow	2	2.5" Cal.	B&B	Single, straight leader; match specimens; branching shall start at 5'-0" min.	45' H x 30-35" sp
Ornamental Trees							
AA	<i>Amelanchier alba</i>	Downy Serviceberry	2	6" Ht.	B&B	Multi-stem, min. 3 leaders; well-developed crown; no overlapping leaders	15-25' H x 10-12" sp
CA	<i>Cornus alternifolia</i>	Spice Dogwood	1	8" Ht.	B&B	Multi-stem, min. 3 leaders; well-developed crown; no overlapping leaders	15-25' H x 15-25" sp
HL	<i>Hamamelis virginiana</i>	Witch-Hazel	4	8" Ht.	B&B	Multi-stem, min. 3 leaders; well-developed crown; no overlapping leaders	10-20' H x 8-15" sp
MS	<i>Magnolia speciosa</i>	Royal Star Magnolia	1	2" Cal.	B&B	Single leader; match specimens; branching shall start at 5'-0" min.	10-15' H x 10-15" sp
VP	<i>Viburnum prunifolium</i>	Blackhaw Viburnum	4	6" Ht.	B&B	Multi-stem, min. 3 leaders; well-developed crown; no overlapping leaders	12-15' H x 8-12" sp
Evergreen Trees							
To	<i>Thuja occidentalis</i>	Heath Wintergreen	14	6" Ht.	B&B	Single leader; match specimens; Space 6'-0" o.c.	20-30' H x 6-10" sp
Evergreen Shrubs							
Bg	<i>Buxus x Green Mound</i>	Green Mound Boxwood	18	5 gal.	Cont.	Space 3'-0" o.c.	3' H x 3" sp
Jc	<i>Juniperus chinensis</i>	Kelley Compact Pfitzer Juniper	14	5 gal.	Cont.	Space 4'-0" o.c.	3' H x 4-6" sp
Sp	<i>Spirea douglasii</i>	Montgomery Blue Spirea	1	5 gal.	Cont.	Space 5'-0" o.c.	4-6' H x 5-6" sp
Tm	<i>Taxus x media</i>	Everlow Yew	6	5 gal.	Cont.	Space 4'-0" o.c.	1.5-3' H x 4-5" sp
Tmt	<i>Taxus x media</i>	Taunton Yew	8	5 gal.	Cont.	Space 4'-0" o.c.	3-5' H x 3-4" sp
Deciduous Shrubs & Vines							
Am	<i>Aronia melanocarpa</i>	Black Chokeberry	35	3 gal.	Cont.	Space 4'-0" o.c.	2-3' H x 3-5" sp
Cj	<i>Clematis x Jackmanii</i>	Jackman's Clematis	5	1 gal.	Cont.	Space as indicated on plans	6-12' H
Cp	<i>Cornus pumila</i>	Dwarf Dogwood	6	5 gal.	Cont.	Space 4'-0" o.c.	3' H x 4" sp
Dl	<i>Dianella ionifera</i>	Dwarf Bluehostia	8	5 gal.	Cont.	Space 4'-0" o.c.	1.5-3' H x 4-5" sp
Pa	<i>Physocarpus opulifolius</i>	Summer Wine	3	5 gal.	Cont.	Space 5'-0" o.c.	6-6' H x 6-6" sp
Rr	<i>Ribes rubrum</i>	Red Lake Currant	3	5 gal.	Cont.	Space 4'-0" o.c.	3-5' H x 3-5" sp
Sb	<i>Spirea deltoidea</i>	Tor Spirea	23	3 gal.	Cont.	Space 3'-0" o.c.	2-3' H x 2-3" sp
Sv	<i>Syringa vulgaris</i>	Beauty of Moscow Lilac	10	5 gal.	Cont.	Space 6'-0" o.c.	6-12' H x 6-7" sp
Ornamental Grasses							
ca	<i>Calamagrostis x scutellorum</i>	Karl Foerster Feather Reed Grass	23	3 gal.	Cont.	Space 24" o.c.	4-6' H x 2-3" sp
lg	<i>Lolium perenne</i>	Elijah Blue Fescue	11	1 gal.	Cont.	Space 12" o.c.	6-12" H x 12-15" sp
pv	<i>Panicum virgatum</i>	Northrod Switch Grass	20	3 gal.	Cont.	Space 30" o.c.	4-6' H x 2-3" sp
sh	<i>Sporobolus heliopsis</i>	Tara Prairie Dropseed	54	3 gal.	Cont.	Space 18" o.c.	1.5-2' H x 1.5" sp
Perennials/Groundcovers/Bulbs							
sp	<i>Allium Purple Sensation</i>	Purple Sensation Allium	12	Bulb	Space as indicated on plans	1.5-2' H	
sb	<i>Allium x Summer Beauty</i>	Summer Beauty Allium	23	1 ct.	Cont.	Space 18" o.c.	1.5' H x 1.5" sp
sb	<i>Amsonia x Blue Star</i>	Blue Star Amsonia	9	1 gal.	Cont.	Space 18" o.c.	1.5' H x 1.5" sp
ac	<i>Asclepias tuberosa</i>	Maggie Daley	14	1 gal.	Cont.	Space 18" o.c.	1.5' H x 1.5" sp
gc	<i>Geranium x carabrigense</i>	Karina Geranium	32	1 gal.	Cont.	Space 18" o.c.	8-12" H x 18-24" sp
hg	<i>Hosta x Guacamole</i>	Guacamole Hosta	11	1 gal.	Cont.	Space 24" o.c.	1.5-2' H x 3-4" sp
hg	<i>Hosta x Praying Hands</i>	Praying Hands Hosta	9	1 gal.	Cont.	Space 18" o.c.	1-1.5' H x 1.5-2" sp
hf	<i>Hebe x Beasanti</i>	Dromopoe	27	1 ct.	Cont.	Space 18" o.c.	1' H x 1.5" sp
sb	<i>Stachys byzantina</i>	Big Ears Lamb's Ear	12	1 gal.	Cont.	Space 18" o.c.	1' H x 1.5" sp

City of Madison, WI Landscape Worksheet
 4-Pe-14
 Zoning District TR-4

Developed Lots	Minimum Open Space Required (SF)	Landscape Units Required	Landscape Points Subtotal
Total Developed Area	36,104	7,221	120
			Landscape Points Required
			602

Development Frontage	Overstory Tree Req. (or x2 for Orn./Evrgrn. Tree Sub.)	Shrubs Required
Total LF of Street Frontage Between Bldg./Parking & Street	356	12

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	3	7	350
Ornamental Tree	15	4		60
Evergreen Tree	15	2		30
Shrub, deciduous	2	23		46
Shrub, evergreen	3	17		51
Ornamental Grass	2	60		120
Ornamental/Decorative Fence or Wall (4 pts/10 LF)	4			0
Development Frontage Points Total				627

Interior Parking Lots	Overstory Tree Req. (or x2 for Orn./Evrgrn. Tree Sub.)
Total Parking Lot Area	8,459
Min. Parking Lot Islands (5%)	423
Interior Parking Lots Points Total	
464	

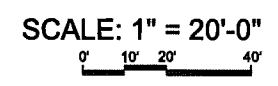
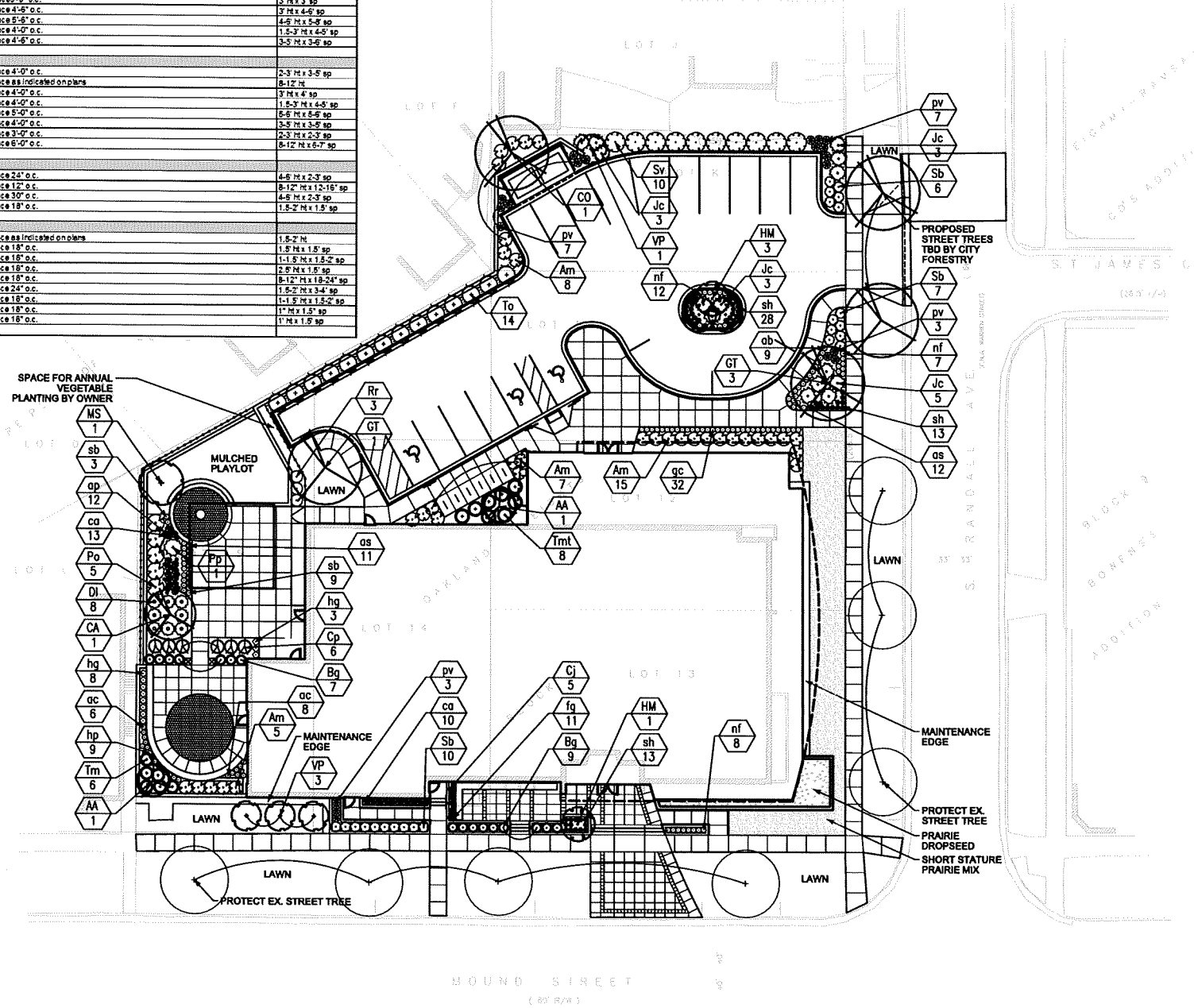
Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	2		70
Ornamental Tree	15	4		60
Evergreen Tree	15	14		210
Shrub, deciduous	2	18		36
Shrub, evergreen	3	5		15
Ornamental Grass	2	35		70
Interior Parking Lots Points Total				464

General Site, Foundation, Screening

Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35			0
Ornamental Tree	15	4		60
Evergreen Tree	15			0
Shrub, deciduous	2	47		94
Shrub, evergreen	3	22		66
Ornamental Grass	2	13		26
Ornamental/Decorative Fence or Wall (4 pts/10 LF)	4	95		380
Foundation Plantings Total				246

TOTAL LANDSCAPE POINTS 1337

- PLANTING NOTES:**
- All plant beds and mulch rings shall have shredded hardwood bark mulch unless otherwise noted.
 - All plant beds not adjacent to hardscape shall have aluminum edging.
 - Contractor shall contact City Forestry at least 48 hours prior to any work on street trees. Contact Dean Kahl, 608-266-4816, DKahl@cityofmadison.com
 - If any street trees are damaged or need to be removed to accommodate construction, the appraised value of the tree(s) will need to be paid. The planned removal of trees includes all brush and stump removal.
 - Install tree protection fencing as indicated for trees to remain to protect the structural support roots. If any excavation is needed within 5'-0" of the trees, City Forestry shall be called to evaluate the excavation and approve any root cutting. Tree protection measures shall be consistent with Article 107.13 of the Standard Specifications for Public Works Construction.
 - All disturbed areas shall be repaired with indicated seed or sod.



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 ph 608-709-1250

Interior Design:
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 608-255-9202

Civil & Landscape Design:
Ken Saiki Design
 303 S. Patterson Street, Madison, WI 53703
 608-251-3600

Structural Engineering:
Pierce Engineers, Inc.
 10 W. Mifflin Street, # 205, Madison, WI 53703
 608-258-7304

Mechanical, Electrical, Plumbing, Fire Protection & Technology Engineering:
KJWW Engineering, Inc.
 602 W. Broadway, # 312, Madison, WI 53713
 608-223-9600

Food Service:
Stewart Design Assoc.
 2934 Fish Hatchery Road, # 212
 Madison, WI 53713
 608-223-9600

Beth Israel Center - Addition & Renovations
 1406 Mound Street
 Madison, WI 53711

Project #: 13005.00

Design Development

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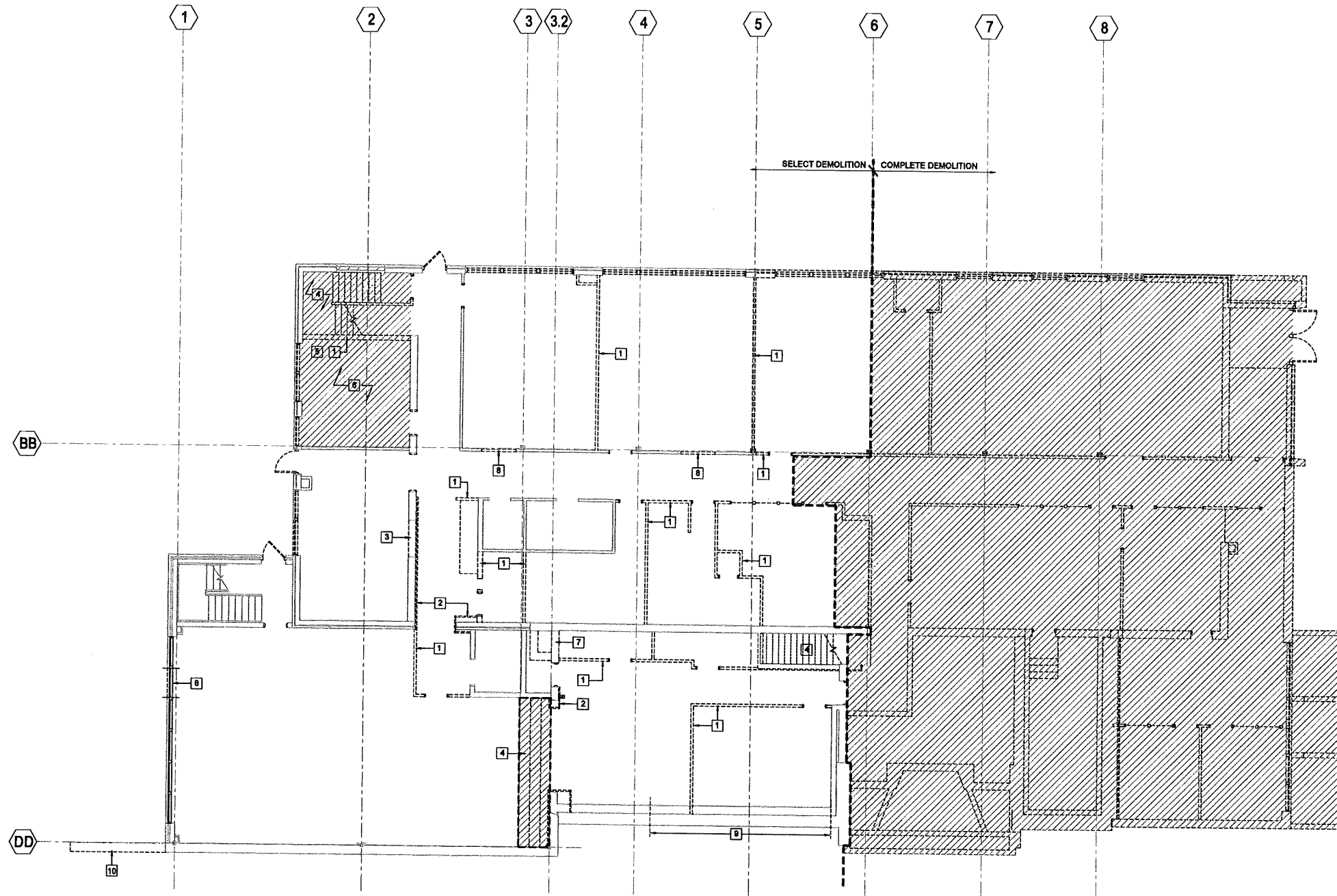
No.	Description	Date
01	DD Review & Prelim. Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: PMC
 Checked by: MDS

SITE PLANTING PLAN

L100

Project Name: Beth Israel Center Addition & Renovations
 Project #: 13005.00



1 LOWER LEVEL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - LOWER LEVEL DEMOLITION PLAN	
1. REMOVE ALL EXTERIOR DOORS.	9. REMOVE ALL FINISH CEILINGS.
2. REMOVE ALL WINDOWS.	10. REMOVE ALL LIGHTING FIXTURES.
3. REMOVE ALL DOWNSPDUTS.	11. REMOVE ALL PLUMBING FIXTURES.
4. REMOVE ALL INTERIOR DOORS.	
5. REMOVE ALL INTERIOR WINDOW AND DOOR TRIM AND CASING.	
6. REMOVE ALL WALL BASE.	
7. REMOVE ALL FINISH FLOORING MATERIAL.	
8. REMOVE ALL CASEWORK.	

KEYNOTES - LOWER LEVEL DEMOLITION PLAN	
1 DEMOLISH PARTITION WALL	9 SAWCUT OPENINGS FOR NEW MECHANICAL LOUVERS TO BE LOCATED IN NEW AREA WELL
2 DEMOLISH FURRED-OUT WALL FINISH	10 REMOVE EXISTING RETAINING WALL AND EXCAVATE FOR NEW RETAINING WALL
3 DEMOLISH PORTION OF WALL	
4 DEMOLISH STAIR	
5 REMOVE EXISTING BOR AND MIKVEH	
6 REMOVE FLOOR SLAB TO ACCOMMODATE NEW BOR AND MIKVEH CONSTRUCTION	
7 DEMOLISH EXISTING CHIMNEY - FULL HEIGHT	
8 CUT OPENING FOR NEW DOOR	

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Civil & Landscape Design:
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Structural Engineering:
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Mechanical, Electrical, Plumbing, Fire
Protection & Technology Engineering:
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Food Service:
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2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

**LOWER LEVEL
DEMOLITION PLAN**

D100

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00
Filename: P:\Project\13005.00\DC Print\01 Demolition DD Drawing\PL-D100.dwg

Interior Design:
KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

Civil & Landscape Design:
Ken Saiki Design
303 S. Patterson Street, Madison, WI 53703
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Structural Engineering:
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Protection & Technology Engineering:
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608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations

1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

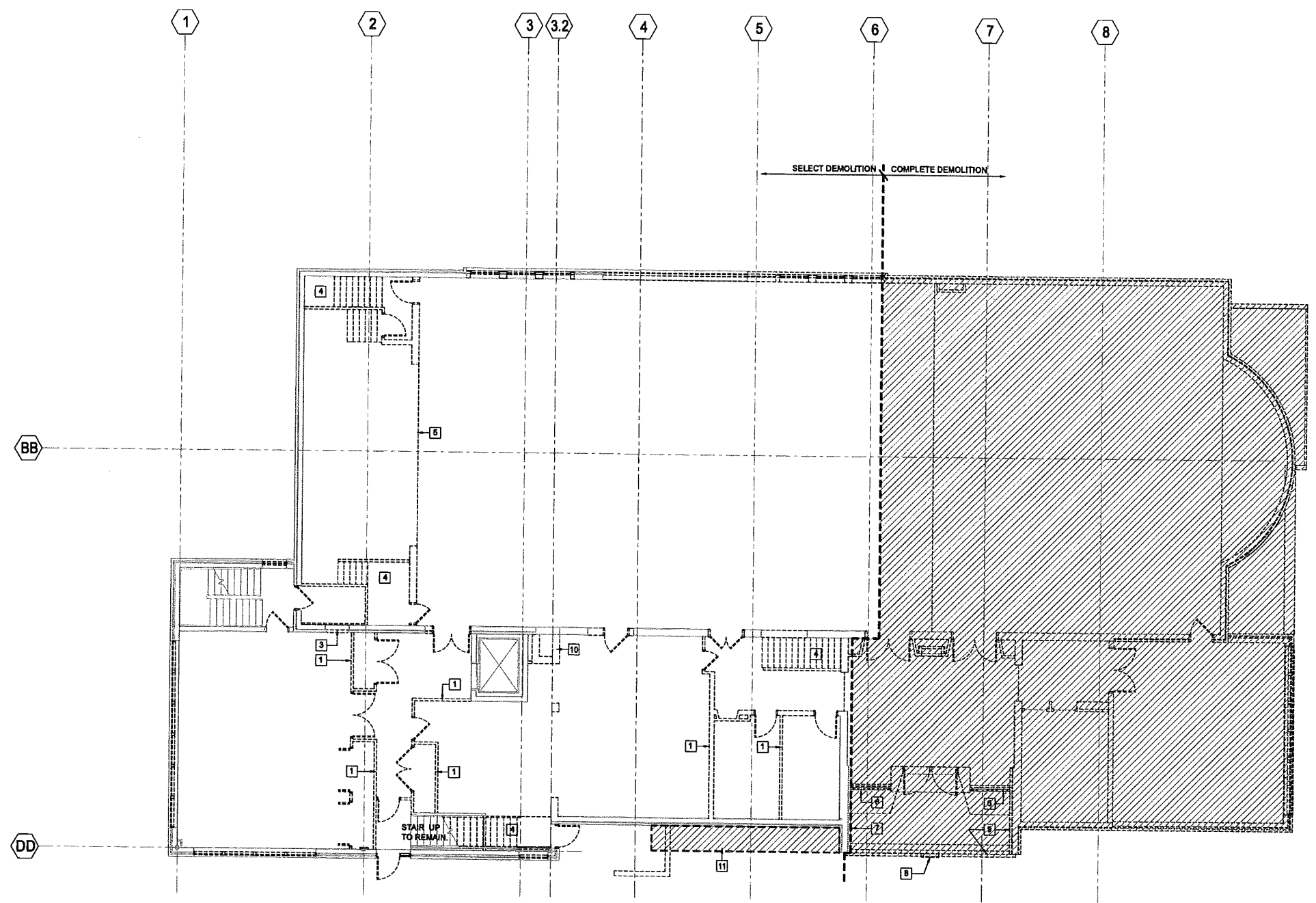
Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

FIRST FLOOR DEMOLITION PLAN

D101



1 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - FIRST FLOOR DEMOLITION PLAN	
1. REMOVE ALL EXTERIOR DOORS.	9. REMOVE ALL FINISH CEILINGS.
2. REMOVE ALL WINDOWS.	10. REMOVE ALL LIGHTING FIXTURES.
3. REMOVE ALL INTERIOR DOORS.	11. REMOVE ALL PLUMBING FIXTURES.
4. REMOVE ALL INTERIOR WINDOW AND DOOR TRIM AND CASING.	
5. REMOVE ALL WALL BASE.	
6. REMOVE ALL FINISH FLOORING MATERIAL.	
7. REMOVE ALL CASEWORK.	
8. REMOVE ALL APPLIANCES.	

KEYNOTES - FIRST FLOOR DEMOLITION PLAN	
1 DEMOLISH PARTITION WALL	8 SALVAGE EXISTING LIMESTONE STAR OF DAVID (ABOVE) FOR REINSTALLATION
2 DEMOLISH FURRED-OUT WALL FINISH	9 SALVAGE EXISTING LIMESTONE TRIM AT ENTRY CANOPY FOR REINSTALLATION
3 DEMOLISH PORTION OF WALL	10 DEMOLISH CHIMNEY - FULL HEIGHT
4 DEMOLISH STAIR	11 EXCAVATION FOR NEW MECHANICAL AREA WELL
5 DEMOLISH CMU BEARING WALL AND STEEL BEAM. INSTALL TEMPORARY SUPPORT	
6 SALVAGE EXISTING ORNAMENTAL METAL SCREENS FOR REINSTALLATION	
7 LIMESTONE WALL TO REMAIN	

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

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Food Service:
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608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations

1408 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

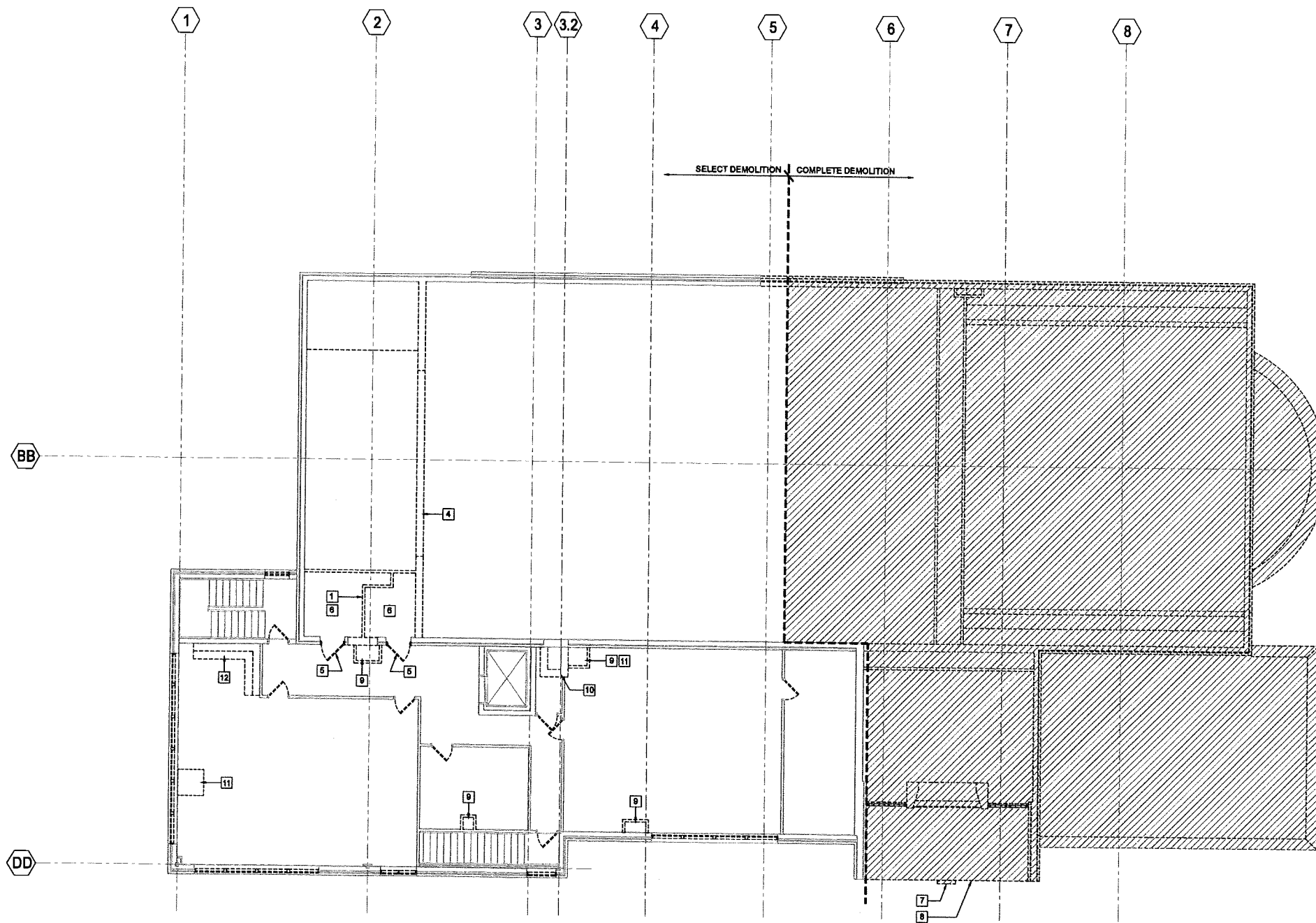
Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

SECOND FLOOR DEMOLITION PLAN

D102



1 SECOND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - SECOND FLOOR DEMOLITION PLAN

- REMOVE ALL EXTERIOR WINDOWS.
- REMOVE ALL EXISTING DOORS. HM DOOR FRAMES TO REMAIN.
- REMOVE EXISTING CEILING TILE AND LIGHT FIXTURES. CEILING GRID TO REMAIN.

KEYNOTES - SECOND FLOOR DEMOLITION PLAN

1 DEMOLISH PARTITION WALL	8 SALVAGE EXISTING LIMESTONE AT ENTRY AND CANOPY FOR REINSTALLATION
2 DEMOLISH FURRED-OUT WALL FINISH	9 REMOVE EXISTING CASE AND PARTITIONS.
3 DEMOLISH PORTION OF WALL	10 DEMOLISH CHIMNEY - FULL HEIGHT
4 DEMOLISH CMU BEARING WALL AND STEEL BEAM. INSTALL TEMPORARY SUPPORT	11 CUT NEW FLOOR OPENING FOR NEW HVAC & KITCHEN EXHAUST
5 REMOVE DOOR	12 REMOVE EXISTING CASEWORK, PLUMBING & APPLIANCES.
6 DEMOLISH BATHROOM	
7 SALVAGE EXISTING LIMESTONE STAR OF DAVID (ABOVE) FOR REINSTALLATION	

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

Interior Design:
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621 Williamson Street, Madison, WI 53703
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Food Service:
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Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations

1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

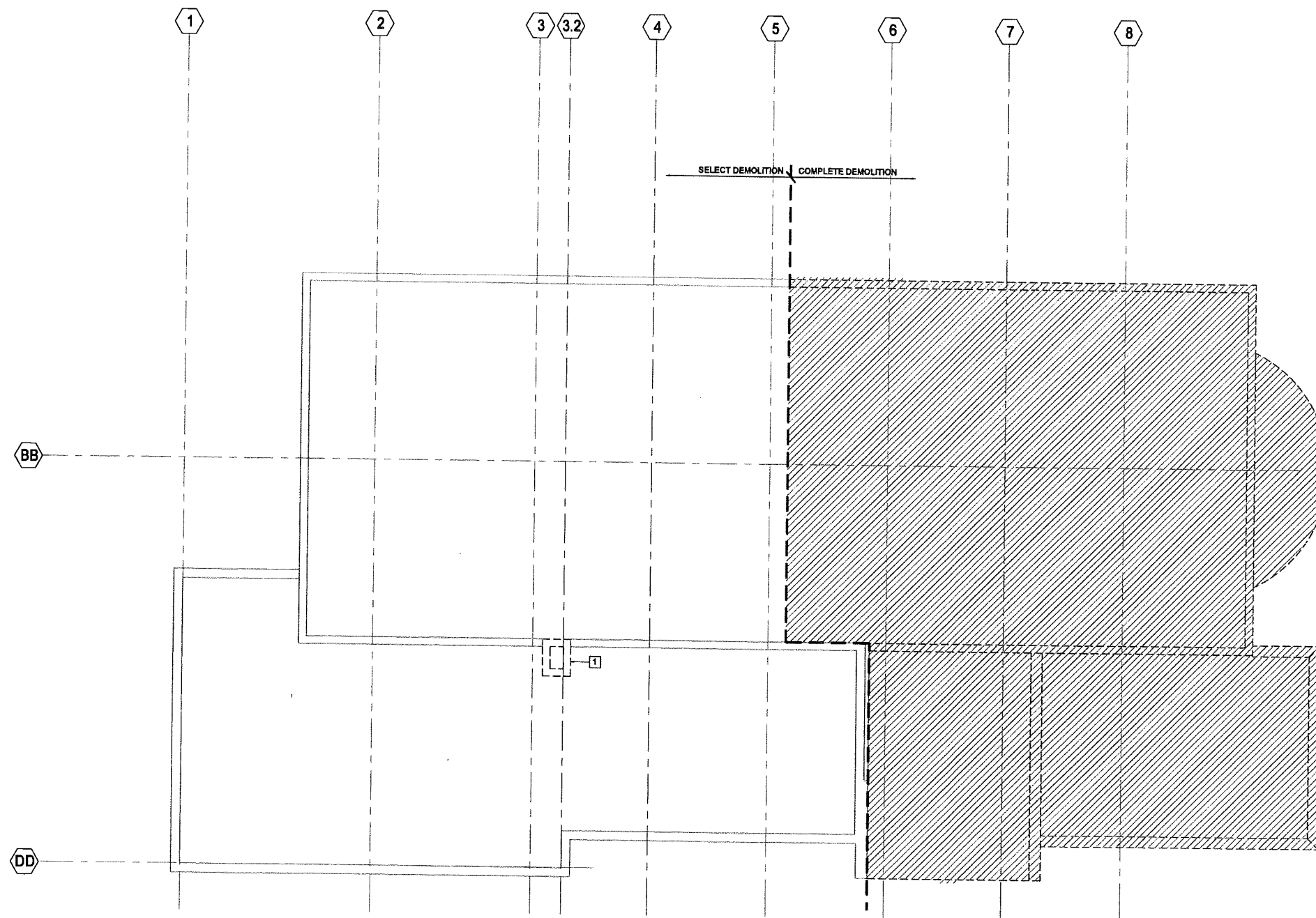
Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

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Checked by: PMC

ROOF DEMOLITION PLAN

D103



1 ROOF DEMOLITION PLAN

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

GENERAL NOTES - ROOF DEMOLITION PLAN

1. REMOVE ROOFING MATERIAL BACK TO DECK.
2. REMOVE ALL DOWNSPOUTS.

KEYNOTES - ROOF DEMOLITION PLAN

- 1 REMOVE CHIMNEY

Interior Design:
KEE Architecture
821 Williamson Street, Madison, WI 53703
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Civil & Landscape Design:
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Structural Engineering:
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608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**
1408 Mound Street
Madison, WI 53711

Project #: 13005.00

Construction Documents

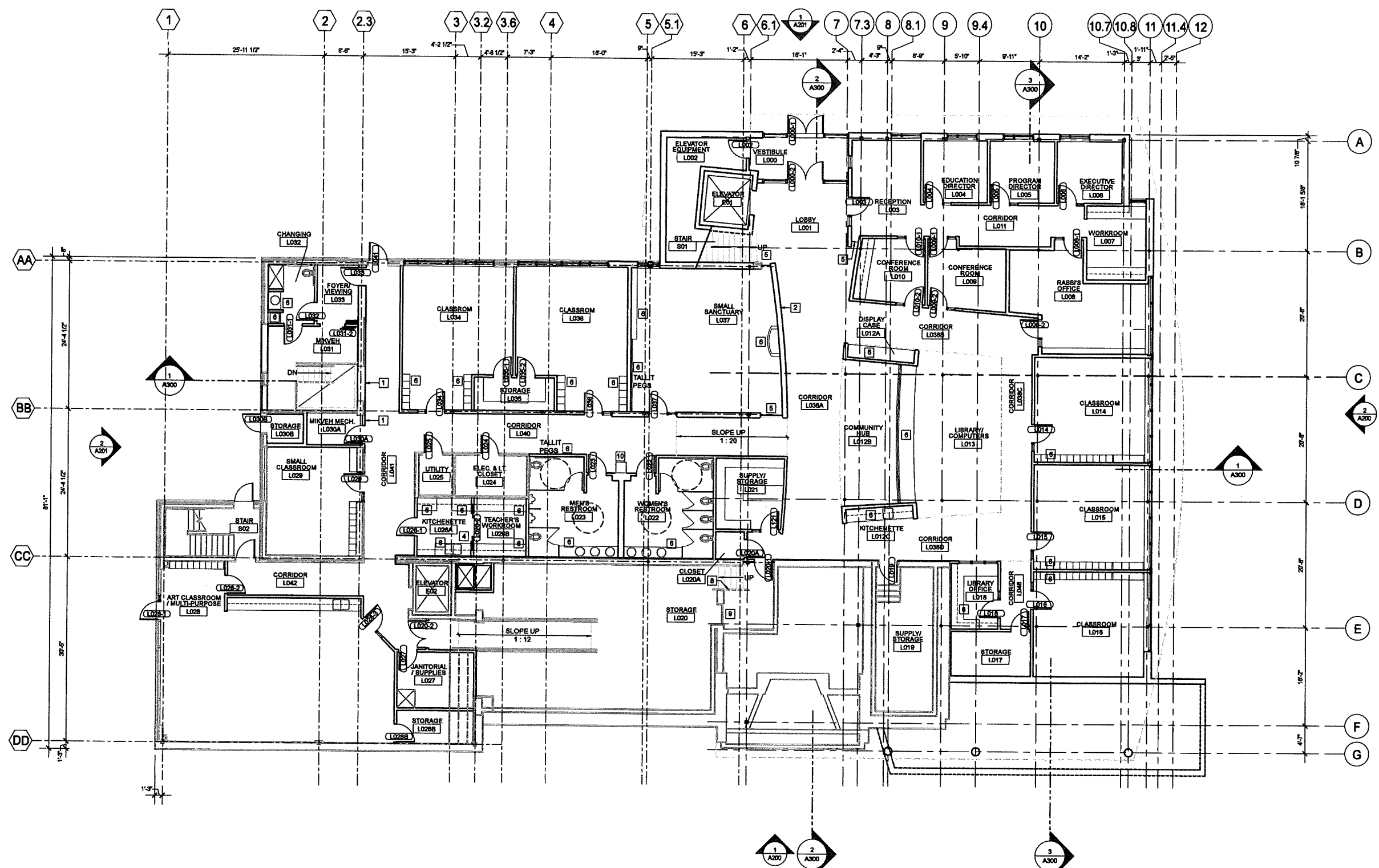
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No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

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Checked by: PMC

**LOWER LEVEL
FLOOR PLAN**

A100



1 LOWER LEVEL FLOOR PLAN
SCALE: 1/8" = 1'-0"

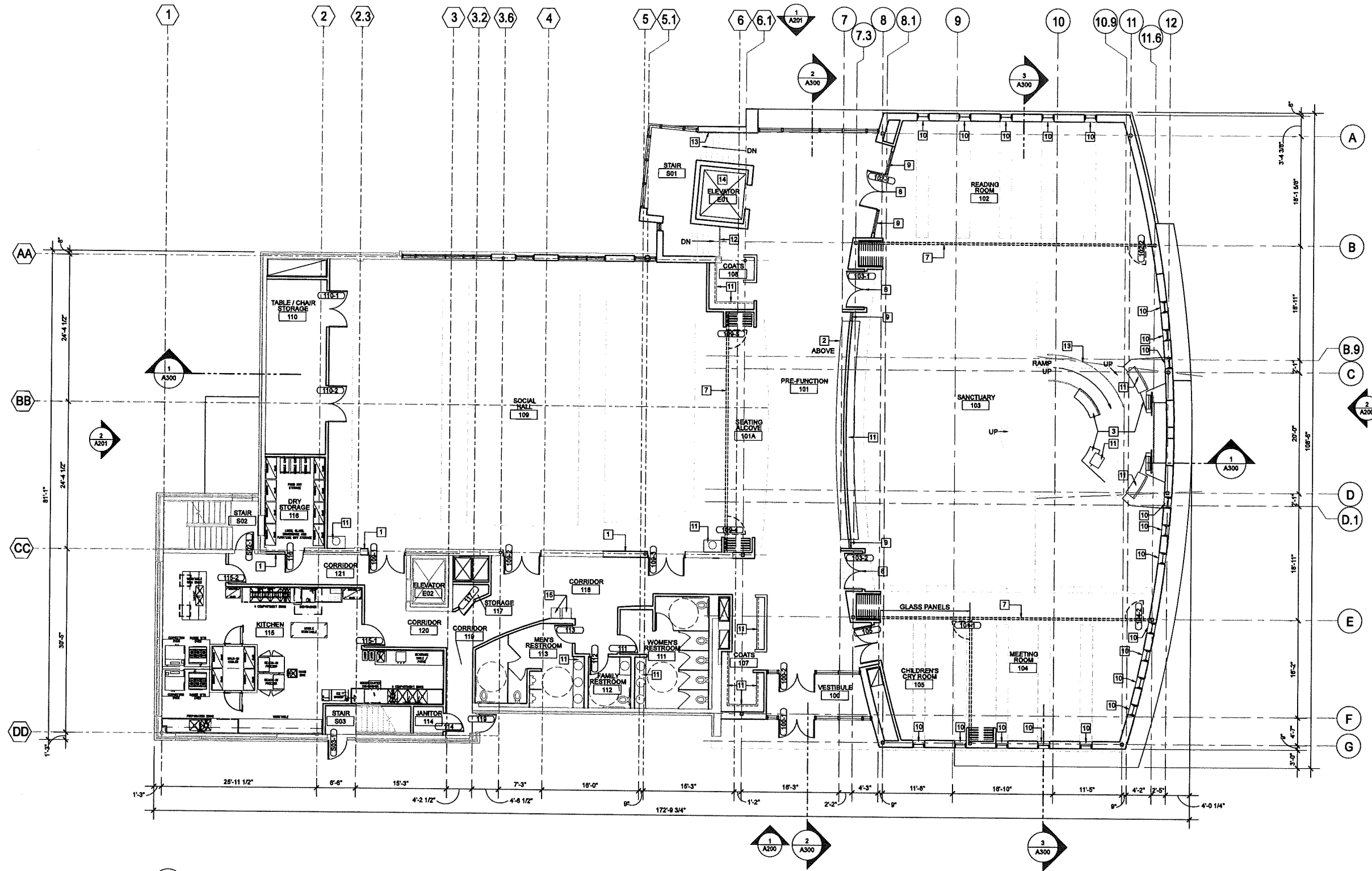
GENERAL NOTES - LOWER LEVEL FLOOR PLAN

1. BUILDING IS FULLY SPRINKLERED.

KEYNOTES - LOWER LEVEL FLOOR PLAN

1	INFILL EXISTING WALL FLUSH WITH ADJACENT FACES	9	GUARDRAIL
2	METAL PANEL ON ONE FACE OF PARTITION WALL	10	DRINKING FOUNTAIN
3	OPERABLE PARTITION WITH FABRIC FINISH, BOTH FACES		
4	POCKET DOOR		
5	WOOD FRAMED, BORROWED LITE		
6	CASEWORK		
7	DECORATIVE HANDRAIL		
8	HANDRAIL		

Volume 01 Project Folder\13005.00\BIC Phase 001 Drawings\CD Drawings\A100.dwg



1 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - FIRST FLOOR PLAN

1. BUILDING IS FULLY SPRINKLERED.

KEYNOTES - FIRST FLOOR PLAN

1	INFILL EXISTING WALL FLUSH WITH ADJACENT FACES	8	WOOD DOOR WITH FULL GLASS LITE
2	METAL PANEL ON ONE FACE OF PARTITION WALL	9	WOOD FRAMED, BORROWED LITE
3	BIMAH WITH NATURAL STONE VENEER ON CMU, DECORATIVE WOOD DOORS, FABRIC CURTAIN AND CARVED STONE LINTELS	10	LIMESTONE SILL
4	WOOD PANELING	11	CASEWORK
5	GLASS TILE PARTITION INSTALLED ON A CABLE SYSTEM	12	GLASS AND METAL DECORATIVE GUARDRAIL
6	OPERABLE PARTITION WITH FABRIC FINISH, BOTH FACES	13	DECORATIVE HANDRAIL
7	OPERABLE PARTITION WITH FABRIC FINISH, ONE FACE AND WOOD FINISH ON OPPOSITE FACE	14	ELECTRIC TRACTION ELEVATOR. BASIS OF DESIGN: OTIS ELEVATOR COMPANY GEN2 OR COMPARABLE
		15	DRINKING FOUNTAIN

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Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations

1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

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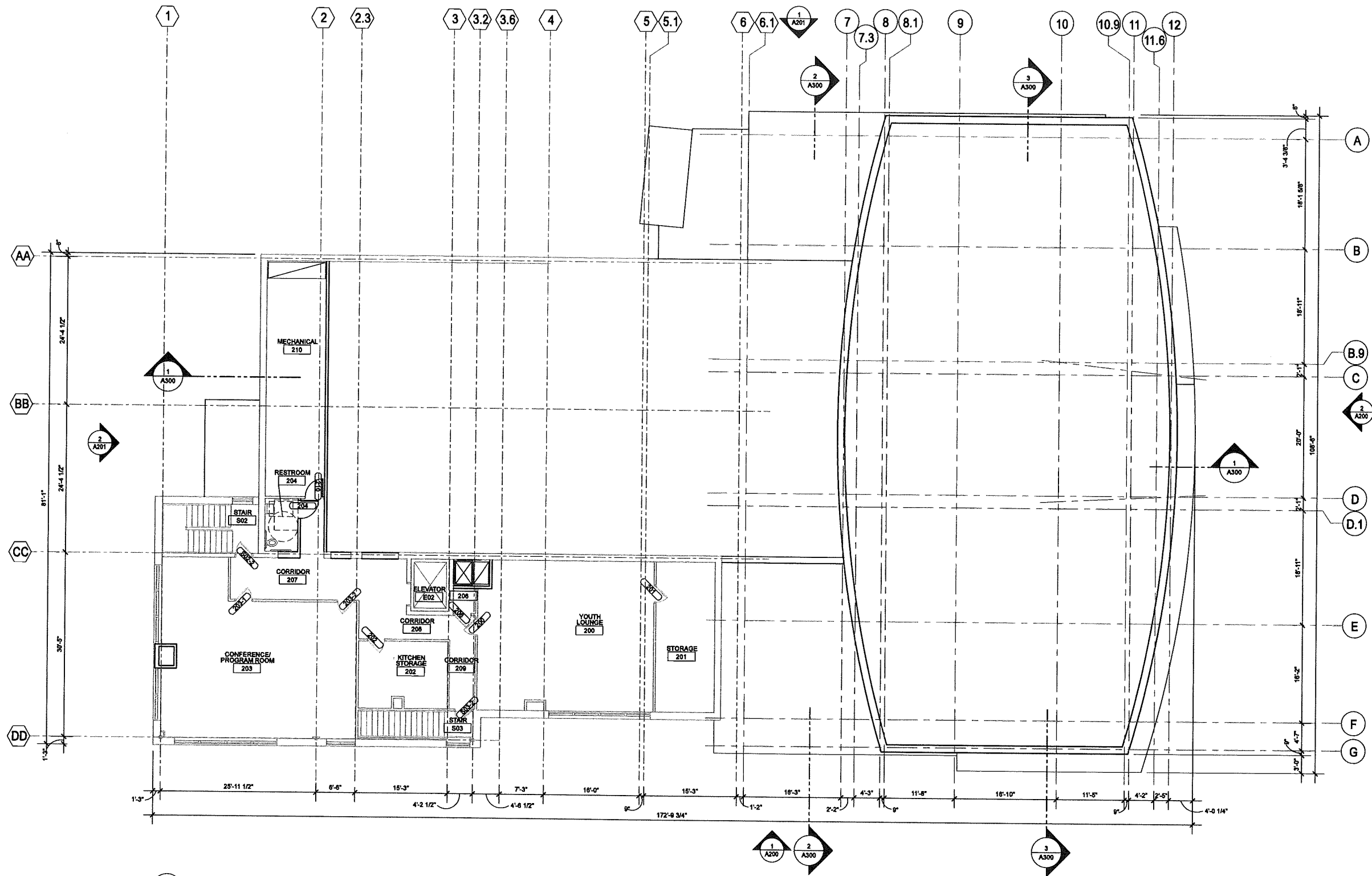
No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

FIRST FLOOR PLAN

A101

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00
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1 SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES - SECOND FLOOR PLAN

1. BUILDING IS FULLY SPRINKLERED.

KEYNOTES - SECOND FLOOR PLAN

1	-		
---	---	--	--

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Madison, WI 53713
608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**

1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

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Checked by: PMC

**SECOND
FLOOR PLAN**

A102

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00
Date: 01/14/14

Interior Design:
KEE Architecture
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608-255-9202

Civil & Landscape Design:
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303 S. Patterson Street, Madison, WI 53703
608-251-3600

Structural Engineering:
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608-258-7304

Mechanical, Electrical, Plumbing, Fire Protection & Technology Engineering:
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608-223-9600

Food Service:
Stewart Design Assoc.
2834 Fish Hatchery Road, # 212
Madison, WI 53713
608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations
1408 Mound Street
Madison, WI 53711

Project #: 13005.00

Construction Documents

Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

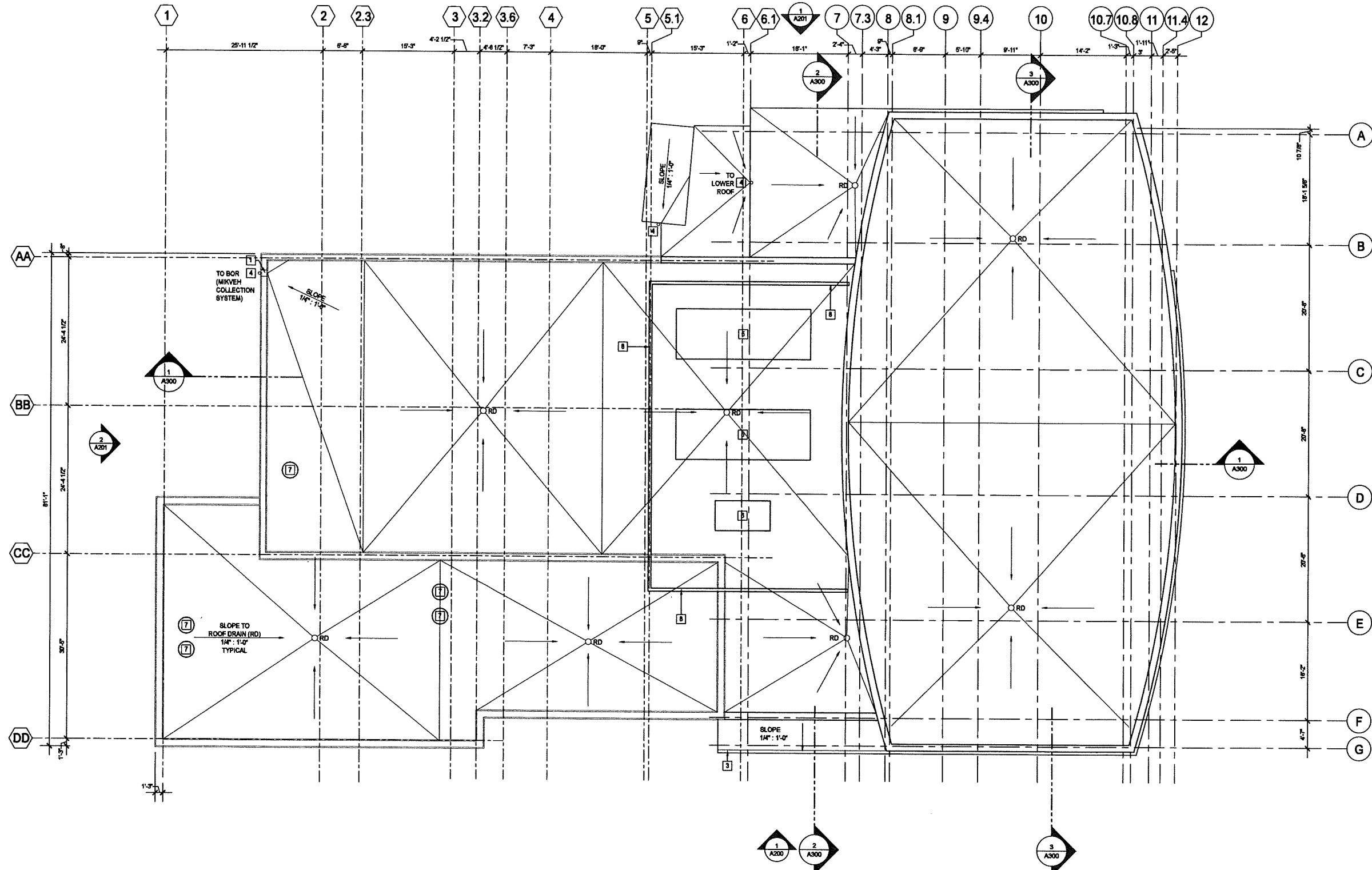
Drawn by: MCT
Checked by: PMC

ROOF PLAN

A103

Volume 01 Project Folder\13005.00\303 Phases 101 Drawings\CD Drawings\A103.rvt

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00



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

GENERAL NOTES - ROOF PLAN

1. SEE BUILDING SECTIONS ON A300 FOR ROOF SYSTEM INFORMATION.

KEYNOTES - ROOF PLAN	
1	SCUPPER
2	GUTTER
3	INTEGRAL GUTTER
4	DOWNSPOUT
5	AIR HANDLING UNIT
6	MAKE-UP AIR UNIT
7	EXHAUST FAN
8	FLAT SEAM METAL PANEL SCREEN WALL

Interior Design:
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608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Construction Documents

Issued for:

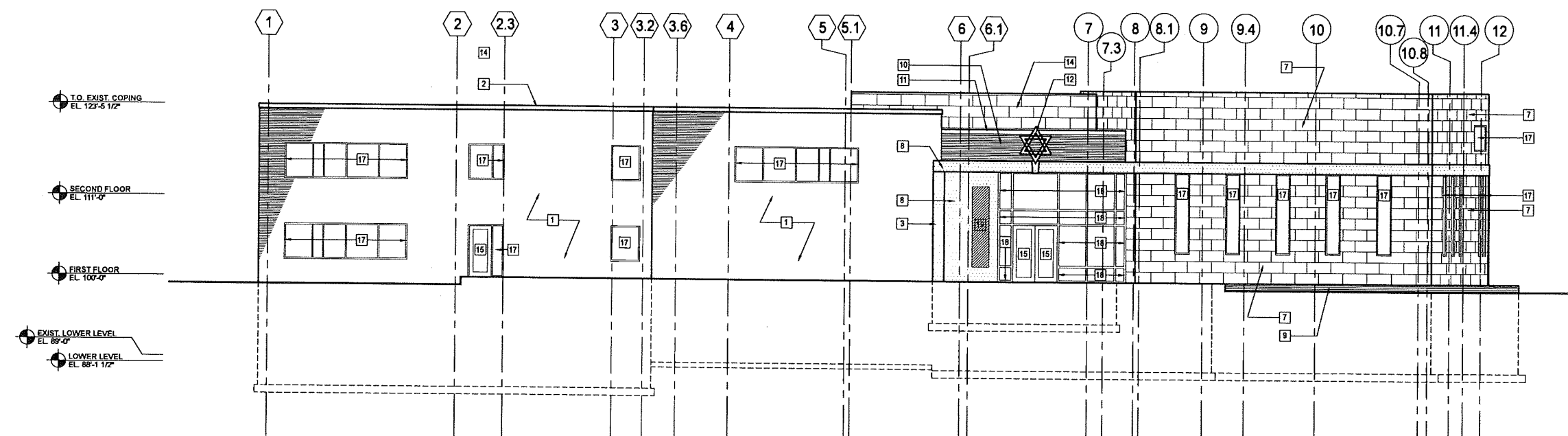
No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

EXTERIOR ELEVATIONS

A200

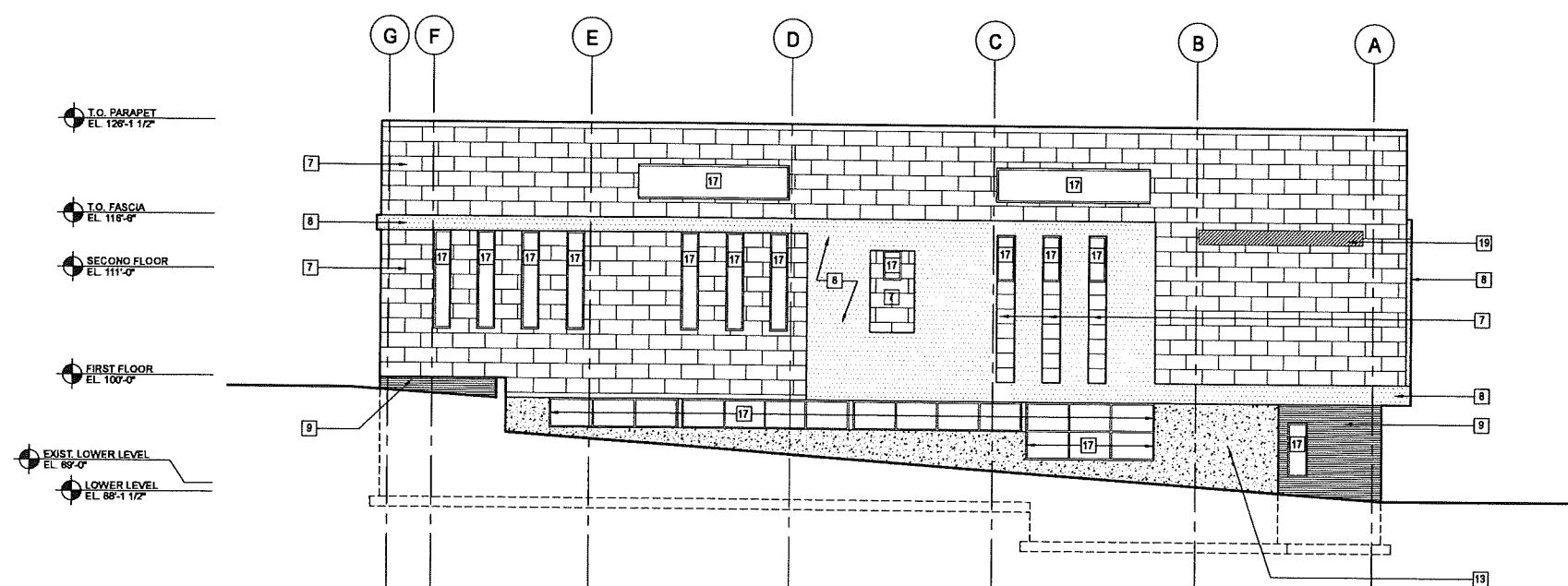
Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00



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

KEYNOTES - EXTERIOR ELEVATIONS

- 1 EXISTING BRICK VENEER
- 2 EXISTING LIMESTONE COPING
- 3 EXISTING LIMESTONE VENEER
- 4 EXISTING LIMESTONE TRIM
- 5 EXISTING LIMESTONE SILL
- 8 EXISTING CONCRETE WALL
- 7 FLAT SEAM METAL PANEL WALL SYSTEM
- 8 EXTERIOR PLASTER
- 9 BRICK VENEER
- 10 SALVAGED BRICK VENEER
- 11 SALVAGED LIMESTONE COPING
- 12 SALVAGED LIMESTONE STAR OF DAVID
- 13 SANDBLASTED CONCRETE
- 14 FLAT SEAM METAL PANEL SCREEN WALL
- 15 ALUMINUM DOOR WITH INSULATED GLASS
- 16 INSULATED HOLLOW METAL DOOR
- 17 THERMALLY BROKEN ALUMINUM WINDOW SYSTEM WITH INSULATED GLASS
- 18 THERMALLY BROKEN ALUMINUM CURTAINWALL SYSTEM WITH INSULATED GLASS
- 19 2" DEEP, DIE CAST ALUMINUM LETTERS ON STAND-OFFS. FONT STYLE AND VERBIAGE TO BE DETERMINED. (SIMILAR APPEARANCE TO EXISTING EXTERIOR SIGNAGE)



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

Interior Design:
KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

Civil & Landscape Design:
Ken Saiki Design
303 S. Patterson Street, Madison, WI 53703
608-251-3600

Structural Engineering:
Pierce Engineers, Inc.
10 W. Mifflin Street, # 205, Madison, WI 53703
608-256-7304

Mechanical, Electrical, Plumbing, Fire
Protection & Technology Engineering:
KJWW Engineering, Inc.
802 W. Broadway, # 312, Madison, WI 53713
608-223-9600

Food Service:
Stewart Design Assoc.
2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-271-8554

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Construction Documents

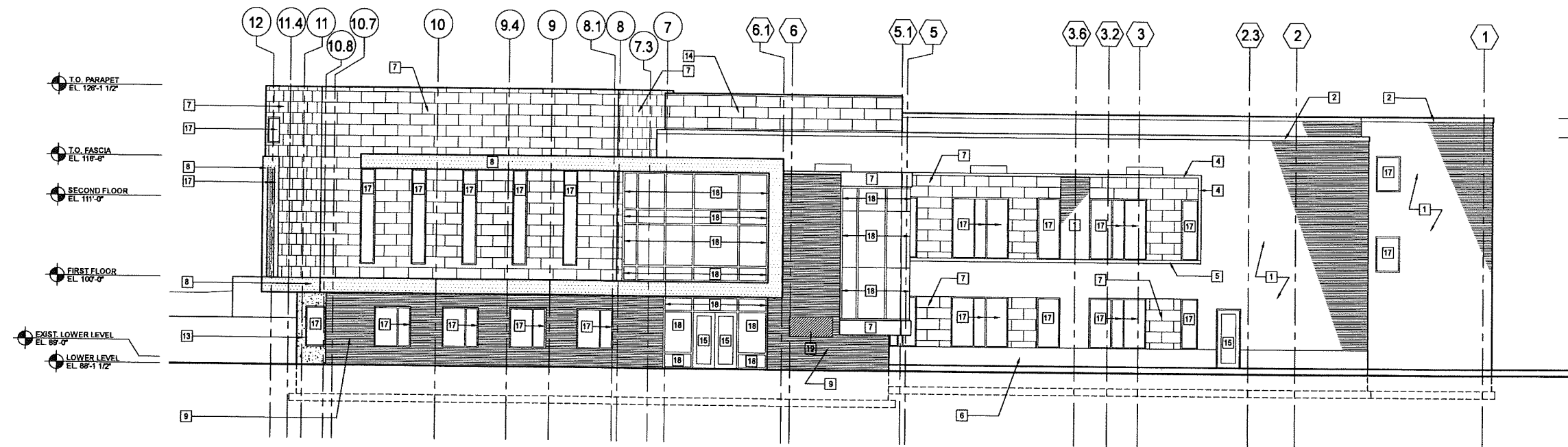
Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

EXTERIOR ELEVATIONS

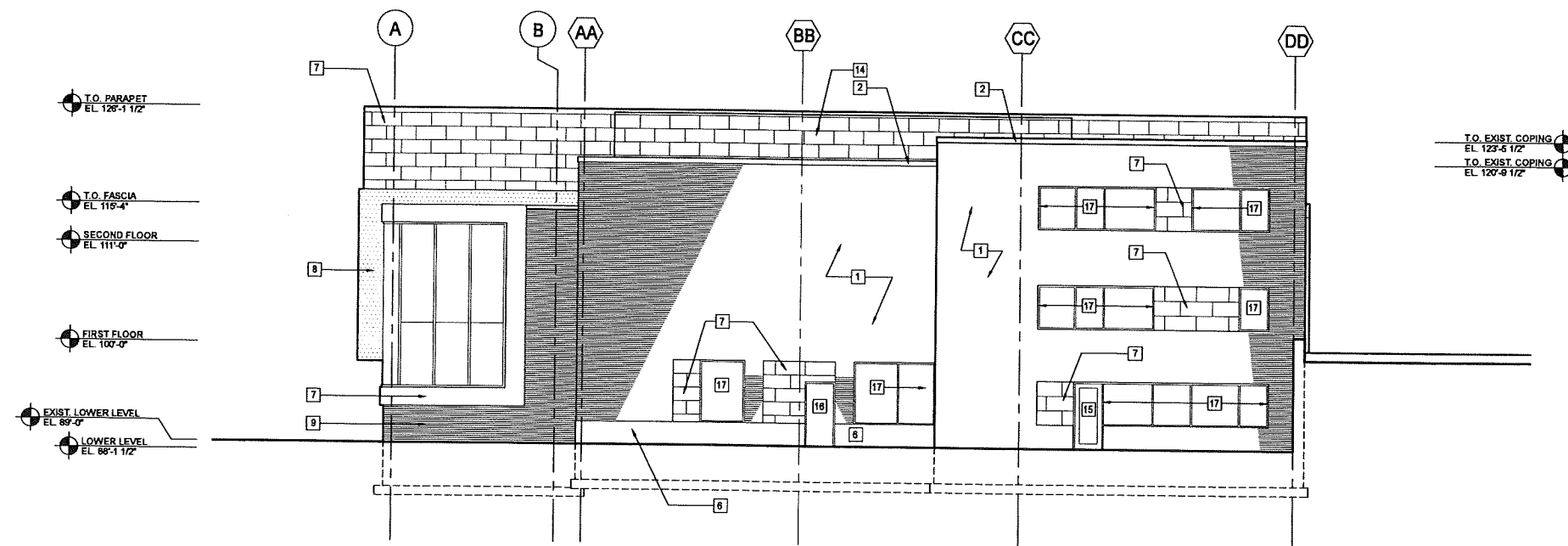
A201



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

KEYNOTES - EXTERIOR ELEVATIONS

- 1 EXISTING BRICK VENEER
- 2 EXISTING LIMESTONE COPING
- 3 EXISTING LIMESTONE VENEER
- 4 EXISTING LIMESTONE TRIM
- 5 EXISTING LIMESTONE SILL
- 6 EXISTING CONCRETE WALL
- 7 FLAT SEAM METAL PANEL WALL SYSTEM
- 8 EXTERIOR PLASTER
- 9 BRICK VENEER
- 10 SALVAGED BRICK VENEER
- 11 SALVAGED LIMESTONE COPING
- 12 SALVAGED LIMESTONE STAR OF DAVID
- 13 SANDBLASTED CONCRETE
- 14 FLAT SEAM METAL PANEL SCREEN WALL
- 15 ALUMINUM DOOR WITH INSULATED GLASS
- 16 INSULATED HOLLOW METAL DOOR
- 17 THERMALLY BROKEN ALUMINUM WINDOW SYSTEM WITH INSULATED GLASS
- 18 THERMALLY BROKEN ALUMINUM CURTAINWALL SYSTEM WITH INSULATED GLASS
- 19 2" DEEP, DIE CAST ALUMINUM LETTERS ON STAND-OFFS. FONT STYLE AND VERBIAGE TO BE DETERMINED. (SIMILAR APPEARANCE TO EXISTING EXTERIOR SIGNAGE)



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

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00



1 BUILDING IMAGE FROM MOUND STREET
SCALE: NOT TO SCALE



2 BUILDING IMAGE FROM RANDALL AVENUE
SCALE: NOT TO SCALE

Cās₄
architecture, llc

3414 Monroe Street
Madison, WI 53711
ph 608-709-1250

Interior Design:

KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

Civil & Landscape Design:

Ken Saiki Design
303 S. Patterson Street, Madison, WI 53703
608-251-3600

Structural Engineering:

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608-223-9600

Food Service:

Stewart Design Assoc.
2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-271-8554

Audio Visual and/or Acoustics:

Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**

1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

Issued for:

No.	Description	Date
01	DD Review and Pricing	01-31-2014
02	Planning Commission	02-05-2014

Drawn by: MCT
Checked by: PMC

BUILDING IMAGES

A202

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608-223-9600

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Phase

Design Development

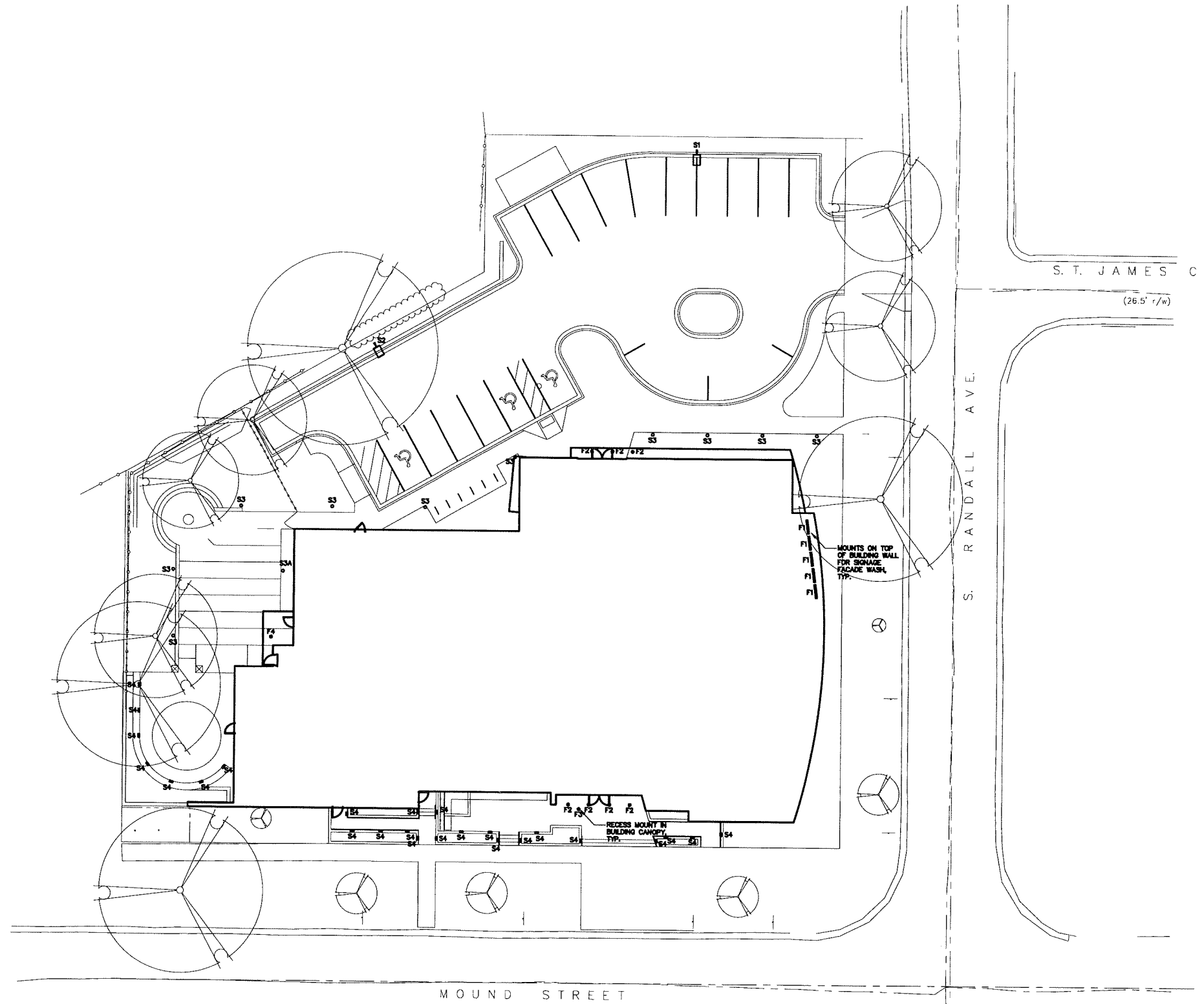
Issued for:

No.	Description	Date
02	Planning Commission	02-05-2014

Drawn by:
Checked by:

**SITE PLAN -
ELECTRICAL**

E001



KJWW#13.0844.00 - BETH ISRAEL RENOVATION AND EXPANSION

 **1 SITE PLAN - ELECTRICAL**
SCALE: FULL

**PRELIMINARY
NOT FOR
CONSTRUCTION**

KJWW ENGINEERING CONSULTANTS
802 WEST BROADWAY, SUITE 312
MADISON, WISCONSIN 53713-1633
608.223.9600 FAX: 608.223.9697
www.kjww.com
PROJECT #

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REFERENCE SCALE IN INCHES
0 1 2 3

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

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ph 608-709-1250

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621 Williamson Street, Madison, WI 53703
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Civil & Landscape Design:
Ken Saiki Design
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Mechanical, Electrical, Plumbing, Fire
Protection & Technology Engineering:
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608-223-9600

Food Service:
Stewart Design Assoc.
2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-223-9600

Audio Visual and/or Acoustics:
Xx
Yy
Zz

**Beth Israel Center -
Addition & Renovations**
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Phase
Design Development

Issued for:

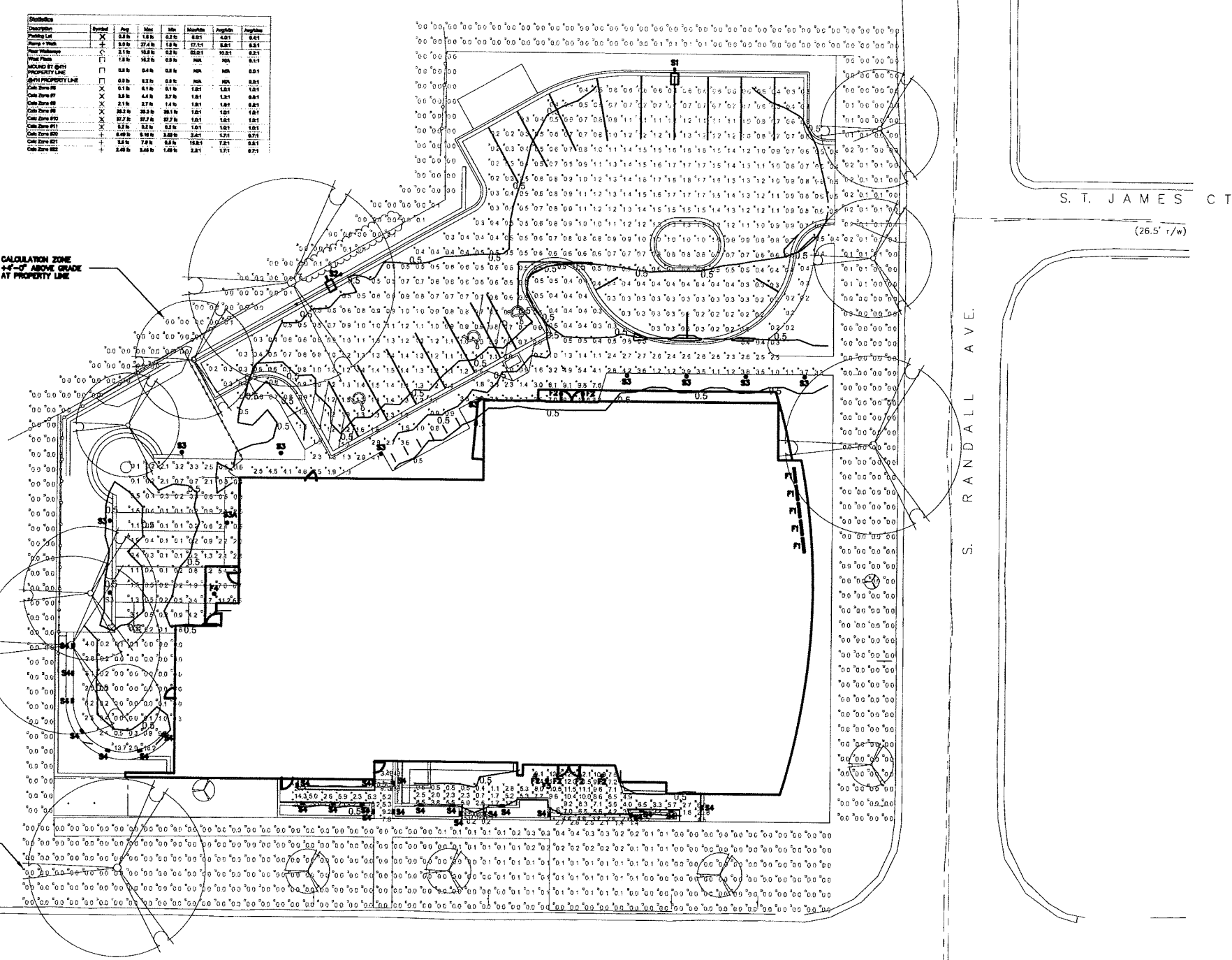
No.	Description	Date
02	Planning Commission	02-05-2014

Drawn by:
Checked by:

**SITE PLAN -
PHOTOMETRICS**

E001.1

Structure	Serial	Area	Max	Min	Altitude	Height	Assess.
Paving Lot	X	2.5	1.8	0.2	0.2	2.0	0.2
Pump + Tank	X	0.2	27.0	1.8	17.5	0.2	0.2
Water Meter	C	0.1	0.2	0.2	0.2	0.2	0.2
Water Poles	S	1.8	0.2	0.2	N/A	N/A	0.2
GROUND BY GWT	S	0.2	0.2	0.2	N/A	N/A	0.2
PROPERTY LINE	X	0.2	0.2	0.2	N/A	N/A	0.2
Calc Zone #1	X	0.2	0.2	0.2	N/A	N/A	0.2
Calc Zone #2	X	0.2	0.2	0.2	N/A	N/A	0.2
Calc Zone #3	X	2.9	2.7	1.4	1.8	1.8	0.2
Calc Zone #4	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #5	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #6	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #7	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #8	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #9	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #10	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #11	X	0.2	0.2	0.2	1.8	1.8	0.2
Calc Zone #12	X	0.2	0.2	0.2	1.8	1.8	0.2



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CONSTRUCTION**



1 SCALE FULL

KJWW ENGINEERING CONSULTANTS
802 WEST BROADWAY, SUITE 312
MADISON, WISCONSIN 53713-1639
508.223.9600 FAX: 608.223.9601
WWW.KJWW.COM PROJECT #

KJWW#13.0844.00 - BETH ISRAEL RENOVATION AND EXPANSION

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

KJWW#13.0844.00 - BETH ISRAEL RENOVATION AND EXPANSION

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
□	S1	1	P21-4-60LA-NW-E-8-8	GARDOO PUREFORM	(1) LIGHT ARRAY OF 60 LEDs DRIVEN AT 350mA	1	4824.447	1	65.6
□	S2	1	P21-4-70LA-NW-E-8-8	GARDOO PUREFORM	(1) LIGHT ARRAY OF 84 LEDs DRIVEN AT 350mA	1	3543.358	1	65.3
○	S3	1	BR840-CWL-NW-180-10-BLP	GARDOO FULL CUTOFF BOLLARD, 360-DEG	7 WHITE LEDS DRIVEN AT 400mA	1	259.1202	1	10.7
○	S3A	10	BR840-CWL-NW-300-10-BLP	GARDOO FULL CUTOFF BOLLARD, 180-DEG	14 WHITE LEDS DRIVEN AT 225mA	1	555.2083	1	9.5
□	S4	24	STEP13-6-L-30K-ND120V WINDNA	4 INCH LED 8.5x5.0 STEPFLIGHT LUMINAIRE ALUMINUM FACE PLATE W/BLACK ROSSHO APERATURE HIGH PERFECTION TECH DRIVER RLP1000-24-00000 WATT8-6.53		1	195.1456	1	8
—	F1	8	Manufacturer: Allegro AC XB38 120V 3000K 50x10	Manufacturer: Allegro AC XB38 120V 3000K 90x10 J TRAXON WET LOCATION	Manufacturer: Allegro AC XB38 120V 3000K 50x10	1	2446.83	1	42.866
○	F2	8	CA1100L380CLWVB-CALIGNV5210V	CALCULATE WET LOCATION 4" DOWNLIGHT	LED, LUMINAIRE OUTPUT = 1079 LMS	1	1079.217	1	14.8
○	F3	1	CARR2 CLW CALVE1	CALCULATE WET LOCATION 4" ADJUSTABLE					
	F3	1	MOD FOR OUTDOOR 300LM	BR84010-02 - LAMP FOR F3	MR16-60-801-12-830-25	1	488.1534	0.8	7.8

Cās₄

architecture, llc

3414 Monroe Street
Madison, WI 53711
ph 608-709-1250

Interior Design:
KEE Architecture
621 Williamson Street, Madison, WI 53703
608-255-9202

Chil & Landscape Design:
Ken Saiki Design
303 S. Patterson Street, Madison, WI 53703
608-251-3800

Structural Engineering:
Pierce Engineers, Inc.
10 W. Mifflin Street, # 205, Madison, WI 53703
608-256-7304

Mechanical, Electrical, Plumbing, Fire Protection & Technology Engineering:
KJWW Engineering, Inc.
802 W. Broadway, # 312, Madison, WI 53713
608-223-9600

Food Service:
Stewart Design Assoc.
2934 Fish Hatchery Road, # 212
Madison, WI 53713
608-223-9600

Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Phase
Design Development

Issued for:

No.	Description	Date
02	Planning Commission	02-05-2014

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MADISON, WISCONSIN 53713-1839
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PROJECT #

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REFERENCE SCALE: N INCHES
0 1 2 3

**DETAILS AND
SCHEDULES -
ELECTRICAL**

E200

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00

Job:
Type:
Notes:

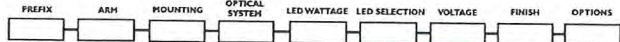
BETH ISRAEL CENTER / S1,S2

PureForm LED

P21 Area and Pedestrian Scale Luminaires

Page 1 of 8

Philips Gardco PureForm luminaires combine LED performance and advanced Gardco LED thermal management technology with a distinct purity of style to provide outdoor area lighting that is both energy efficient and aesthetically pleasing. PureForm is defined by its high performance, sleek low profile design and rugged construction. The die cast aluminum housing mounts directly to a pole or wall and has a maximum profile of just 3". The advanced LED optical systems provide LED Type II, III, IV and V distributions, as well as a Bi-Color Control optic. Special LED corner cutoff optics are also available. All LED wattages utilize high performance Class 1 LED systems. The luminaire features a series of ure integral thermal control systems to maximize LED performance and life, and to extend component life. The door frame is die cast aluminum. Luminaires are finished with a hole and abrasion resistant TCOC powdercoat. PureForm luminaires are available in a wide variety of mounting and arm styles. All PureForm luminaires provide full cutoff performance.



Enter the order code into the appropriate box above. Note: Philips Gardco reserves the right to release a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX (See page 4 and page 5 for details on luminaires configurations)

Table with 2 columns: Part Number and Description. Includes P21, P21-SDH, P21-APD, P21-APD-HR, P21-APD-M, P21-APD-MH, P21-APD-MH2, P21-APD-MH3, P21-APD-MH4, P21-APD-MH5, P21-APD-MH6, P21-APD-MH7, P21-APD-MH8, P21-APD-MH9, P21-APD-MH10, P21-APD-MH11, P21-APD-MH12, P21-APD-MH13, P21-APD-MH14, P21-APD-MH15, P21-APD-MH16, P21-APD-MH17, P21-APD-MH18, P21-APD-MH19, P21-APD-MH20, P21-APD-MH21, P21-APD-MH22, P21-APD-MH23, P21-APD-MH24, P21-APD-MH25, P21-APD-MH26, P21-APD-MH27, P21-APD-MH28, P21-APD-MH29, P21-APD-MH30, P21-APD-MH31, P21-APD-MH32, P21-APD-MH33, P21-APD-MH34, P21-APD-MH35, P21-APD-MH36, P21-APD-MH37, P21-APD-MH38, P21-APD-MH39, P21-APD-MH40, P21-APD-MH41, P21-APD-MH42, P21-APD-MH43, P21-APD-MH44, P21-APD-MH45, P21-APD-MH46, P21-APD-MH47, P21-APD-MH48, P21-APD-MH49, P21-APD-MH50, P21-APD-MH51, P21-APD-MH52, P21-APD-MH53, P21-APD-MH54, P21-APD-MH55, P21-APD-MH56, P21-APD-MH57, P21-APD-MH58, P21-APD-MH59, P21-APD-MH60, P21-APD-MH61, P21-APD-MH62, P21-APD-MH63, P21-APD-MH64, P21-APD-MH65, P21-APD-MH66, P21-APD-MH67, P21-APD-MH68, P21-APD-MH69, P21-APD-MH70, P21-APD-MH71, P21-APD-MH72, P21-APD-MH73, P21-APD-MH74, P21-APD-MH75, P21-APD-MH76, P21-APD-MH77, P21-APD-MH78, P21-APD-MH79, P21-APD-MH80, P21-APD-MH81, P21-APD-MH82, P21-APD-MH83, P21-APD-MH84, P21-APD-MH85, P21-APD-MH86, P21-APD-MH87, P21-APD-MH88, P21-APD-MH89, P21-APD-MH90, P21-APD-MH91, P21-APD-MH92, P21-APD-MH93, P21-APD-MH94, P21-APD-MH95, P21-APD-MH96, P21-APD-MH97, P21-APD-MH98, P21-APD-MH99, P21-APD-MH100.

MOUNTING

- 1. Single Pole Mount. Available with A1, A2 or A3 Arms.
2. Twin Pole Mount at 180°.
3. Twin Pole Mount at 90°.
4. 3-Way Pole Mount at 90°.
5. 3-Way Pole Mount at 135°.
6. 4-Way Pole Mount.
7. Mast Arm Mount.
8. Mast Arm Mount (Requires 2 3/8" OD Mast Arm).

Table with 2 columns: Mounting Type and Description. Includes MA, MA2, MA3, MA4, MA5, MA6, MA7, MA8, MA9, MA10, MA11, MA12, MA13, MA14, MA15, MA16, MA17, MA18, MA19, MA20, MA21, MA22, MA23, MA24, MA25, MA26, MA27, MA28, MA29, MA30, MA31, MA32, MA33, MA34, MA35, MA36, MA37, MA38, MA39, MA40, MA41, MA42, MA43, MA44, MA45, MA46, MA47, MA48, MA49, MA50, MA51, MA52, MA53, MA54, MA55, MA56, MA57, MA58, MA59, MA60, MA61, MA62, MA63, MA64, MA65, MA66, MA67, MA68, MA69, MA70, MA71, MA72, MA73, MA74, MA75, MA76, MA77, MA78, MA79, MA80, MA81, MA82, MA83, MA84, MA85, MA86, MA87, MA88, MA89, MA90, MA91, MA92, MA93, MA94, MA95, MA96, MA97, MA98, MA99, MA100.

PHILIPS GARDCO logo and address: 1811 Clinch Barker Road, San Marcos, TX 78666. Phone: (800) 337-8718. Fax: (512) 753-1009. Website: www.stalighting.com.

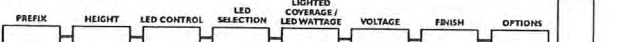
BETH ISRAEL CENTER / S3,S3A

Bollard LED

Round Full Cutoff Bollard BR840 Series, Including Motion Response

Page 1 of 3

The Philips Gardco LED Bollard family features the round full cutoff bollard BR840 series. This sleek series features LEDs concealed below cast lenses to provide down lighting for landscape and pathway applications. The BR840 series features 4" diameter extruded aluminum shafts. Available mounting options include the standard shaft with a welded cast base mounted firmly to another bollard. The BR840 series also is available with a galvanized steel base tenon reinforced shaft (BR841) for applications requiring additional support, such as schools. BR840 series bollards provide full cutoff performance.



Enter the order code into the appropriate box above. Note: Philips Gardco reserves the right to release a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX

Table with 3 columns: Part Number, Height, and LED Control. Includes BR840, BR841, BR842.

LED SELECTION

Table with 2 columns: Voltage and LED Selection. Includes CW, NW, WW.

FINISH

Table with 2 columns: Finish Code and Description. Includes BRP, BLP, WP, NP, OC, PCB, SPR, SC.

1. Not available in BR841.

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PureForm LED

P21 Area and Pedestrian Scale Luminaires

Page 2 of 8

LED WATTAGE AND LUMEN VALUES

Table with 10 columns: Ordering Code, Average System Watts, LED Current (mA), LED Quantity - Single LED Array, LED Selection, Luminaire Initial Absolute Lumen, TYPE 3, TYPE 4, TYPE 5H, TYPE 5V. Includes rows for S1LA, S1LA, S1LA, S1LA, S1LA, S1LA, S1LA, S1LA, S1LA, S1LA.

- 1. Voltage may vary by +/- 5% due to LED manufacturer forward bias specification and ambient temperature. Voltage shown is average for 120V through 277V input. Actual voltage may vary by an additional +/- 10% due to actual input voltage.
2. Values shown are for luminaires without the G.A. DL or DRPS system. Test on a project for configurations not shown. Values indicate that values are scaled from zero to one. Values are identical to those shown in the previous section. Consult the factory for more information.
3. Values shown are for luminaires with the G.A. DL or DRPS system. Test on a project for configurations not shown. Values indicate that values are scaled from zero to one. Values are identical to those shown in the previous section. Consult the factory for more information.
4. Values shown are for luminaires with the G.A. DL or DRPS system. Test on a project for configurations not shown. Values indicate that values are scaled from zero to one. Values are identical to those shown in the previous section. Consult the factory for more information.

LED SELECTION

Table with 2 columns: Code and Description. Includes CW, NW, WW.

VOLTAGE

Table with 2 columns: Code and Description. Includes UNLV, HVU.

FINISH

Table with 2 columns: Code and Description. Includes BRP, BLP, WP, NP, OC, SC.

OPTIONS

Table with 2 columns: Code and Description. Includes F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, F17, F18, F19, F20, F21, F22, F23, F24, F25, F26, F27, F28, F29, F30, F31, F32, F33, F34, F35, F36, F37, F38, F39, F40, F41, F42, F43, F44, F45, F46, F47, F48, F49, F50, F51, F52, F53, F54, F55, F56, F57, F58, F59, F60, F61, F62, F63, F64, F65, F66, F67, F68, F69, F70, F71, F72, F73, F74, F75, F76, F77, F78, F79, F80, F81, F82, F83, F84, F85, F86, F87, F88, F89, F90, F91, F92, F93, F94, F95, F96, F97, F98, F99, F100.

ACCESSORIES (Ordered separately)

Table with 2 columns: Code and Description. Includes MS-A123V, MS-A123V, MS-A123V.

Motion Sensors are selected separately, with one (1) motion sensor required per pole location for P21-APD-MH3 or P21-APD-MH4 luminaires. See Luminaire Configuration Information on page 4 for more details. Area motion sensor cable is sold separately. Area motion sensor cable is sold separately.

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BETH ISRAEL CENTER / S4

STEP13 - 3 Inch - 6 Inch - 9 Inch - 12 Inch

Page 3 of 3



Source: LED, Mount: STEP13, Faceplate Size, Distribution, LED Code, Voltage, Finish, Options, Special.

Table with 2 columns: Code and Description. Includes LED Code, Voltage, Finish, Options, Special.

Notes:

- 1. ETL listed Dry Location and Wet Location with WL option.
2. Custom Sizes and Finishes are available upon request.
3. One light distribution pattern.
4. Die-cast housing for Step 13. Extruded aluminum housing for Step 13-6/9/12 with solid aluminum, brass, or stainless steel lampshade.
5. Integral drivers available for 120V/277V AC in both dimming and non-dimming versions.
6. Luminaire is mounted to standard multi-gang switch boxes (supplied by others).
7. 12 inch - Street City 4240 or equivalent.
8. 9 inch - Street City 4240 or equivalent.
9. 6 inch - Street City 4240 or equivalent.
10. Recessed surfaces have a ribbed design with a matte black finish to reduce glare.
11. 0-10V dimmer required (by others).
12. Dimming ballast consumes:
- 3 inch - 3.0W
- 6 inch - 5.5W
- 9 inch - 8.0W
- 12 inch - 10.5W

Lumen Output at 30K

Table with 4 columns: Size, Distribution, Lumen, Watt, LPW. Includes rows for 3 inch, 6 inch, 9 inch, 12 inch.

Options:

- X - No Option.
Y - Wet Location.

Special:

- STD - Standard.
MOD - Modified.

LED

Source, Mount, Faceplate, Distribution, LED Code, Voltage, Finish, Options, Special.

Specifications

UPPER HOUSING: Die cast aluminum upper housing featuring shielding to provide down light.

LOWER HOUSING: BR850: The lower housing assembly consists of a 140" wall by 4" diameter high strength 6063-T6 extruded aluminum section incorporating a flush, weather-tight galvanized hand hole cover.

BR81: Lower head assembly is suitable for attachment to architectural elements (by others).

BR82: The lower housing assembly consists of a 140" wall by 4" diameter high strength 6063-T6 extruded aluminum section incorporating a flush, weather-tight galvanized hand hole cover for placement over the galvanized steel tenon support structure. Tenon support structure is made from a 1/2" thick wall, 11 gauge steel, 2.15" square tube, welded to top and bottom round steel support plates. The steel tenon support structure includes an opening aligned with the aluminum shaft hand hole to permit wiring. The entire steel tenon support structure is hot dipped galvanized after fabrication.

BR83: A high strength steel mounting tenon hot-dipped galvanized after fabrication, is secured to the concrete footing with (4) 3/8" x 8" x 1 1/2" anchor bolts on a 21" bolt circle.

IP RATING: IP66 is the rating for the optical compartment.

ELECTRICAL: The LED power supply is located within the bollard head. Bollards accept from 120 Volts through 277 Volts, 50Hz to 60 Hz, input voltage. The LED driver is located in the upper dome. LED drivers are replaceable. LEDs provided as specified. Power factor is not less than 90%. Luminaires consume 0.0 watts in off state.

MOTION RESPONSE LUMINAIRES: Each Motion Response (MR) luminaire includes two (2) Panasonic EKHS120112 Passive Infrared (PIR) sensors to detect motion. When motion is not detected for a 5 minute period, luminaires automatically dim to 20% power and light gradually over a 2 minute period. Once Motion is detected, luminaires immediately ramp up full power and light output until motion is not detected for a 5 minute period. PIR sensors are able to detect motion in the approximate patterns shown below:

LED PERFORMANCE: PREDICTED LUMEN DEPRECIATION DATA: Ambient Temperature, C, Lumen, Lm, Lm/Hour.

Optical System: Philips Gardco LED Bollards feature advanced Philips Gardco LED technology, ensuring maximized light output. LED arrays are replaceable.

ANCHORAGE: BR840: Base assembly consists of an internal welded cast ring section that provides for mounting to the foundation with four (4) 3/8" X 8" X 1 1/2" anchor bolts on a 21" bolt circle.

BR841: The luminaire head mounts to a concrete structure utilizing four (4) 3/8" x 8" x 1 1/2" anchor bolts inserted into threaded concrete inserts (provided by others).

FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaires distribution where zero candle intensity occurs at an angle of or above 90° above nadir. Additionally the candle per 1000 lamp lumens does not numerically exceed 100 (10 percent) in a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

WARRANTY: Philips Gardco luminaires feature a 3 year limited warranty. Philips Gardco LED luminaires with LED arrays or modules feature a 3 year limited warranty covering the LED arrays or modules. LED drivers carry a 5 year limited warranty. See Warranty Information on www.stalighting.com for complete details and exclusions.

PHILIPS GARDCO logo and address: 1811 Clinch Barker Road, San Marcos, TX 78666. Phone: (800) 337-8718. Fax: (512) 753-1009. Website: www.stalighting.com.

Cas4 architecture, llc logo and address: 3414 Monroe Street, Madison, WI 53711. Phone: 608-709-1250.

Interior Design: KEE Architecture, 621 Williamson Street, Madison, WI 53703. Phone: 608-255-9202.

Civil & Landscape Design: Ken Saiki Design, 303 S. Patterson Street, Madison, WI 53703. Phone: 608-251-3600.

Structural Engineering: Pierce Engineers, Inc., 10 W. Mifflin Street, #205, Madison, WI 53703. Phone: 608-256-7304.

Mechanical, Electrical, Plumbing, Fire Protection & Technology Engineering: KJWW Engineering, Inc., 802 W. Broadway, #312, Madison, WI 53713. Phone: 608-223-9600.

Food Service: Stewart Design Assoc., 2934 Fish Hatchery Road, #212, Madison, WI 53713. Phone: 608-223-9600.

Audio Visual and/or Acoustics: Xx, Yy, Zz.

Beth Israel Center - Addition & Renovations, 1406 Mount Street, Madison, WI 53711. Project #: 13005.00.

Phase: Design Development.

Issued for: No. 02, Description: Planning Commission, Date: 02-05-2014.

Drawn by: Checked by:

LUMINAIRE CUT SHEETS - ELECTRICAL

E300

PRELIMINARY NOT FOR CONSTRUCTION. KJWW ENGINEERING CONSULTANTS logo and address: 802 WEST BROADWAY, SUITE 312, MADISON, WISCONSIN 53713-1839. Phone: 608-223-9600. Fax: 608-223-9600. Website: www.kjww.com. Project #: 13005.00.

KJWW#13.0844.00 - BETH ISRAEL RENOVATION AND EXPANSION

Project Name: Beth Israel Center Addition & Renovations. Project #: 13005.00.

BETH ISRAEL CENTER / F1

traxon Nano Liner Allegro AC XB

The Nano Liner Allegro AC XB series is a slim profile AC line powered high brightness luminaire. The series is available in four lengths, from 300mm to 1200mm, color temperatures 3000K / 4000K / 6000K, and optics. The luminaires can be simply clipped onto a beam pipe up to 150mm (500V, 120V and 250V (50/60Hz)).

CE, RoHS

- PRODUCT SPECIFICATIONS**
- Light Source: 9 x 10, 27, 36 LEDs
 - Color Temperature: 3000K / 4000K / 6000K
 - CRI: 82Ra (2000K), 82Ra (4000K), 75Ra (6500K)
 - Beam Angle: 30° - 50°
 - Luminaire Flux: 150 - 600 lm per 300mm (15)
 - Efficiency: 60 - 84 lm/w
 - Lumen Maintenance: L70 @ 25°C - 60,000hrs
 - Cover Lens: Tempered glass cover
 - Housing: Aluminum extrusion
 - Adjustment: 0° to 40°
 - Size: 300mm x 81mm x 121mm (11.8" x 3.2" x 4.8")
 - Weight: 1.4kg (3.1lb) - 2.5kg (5.5lb) - 3.6kg (7.9lb)
 - Regulatory Listing & Safety Approval: Electrical Protection Class II, CE, UL
 - Operating Temperature: -20°C to +50°C (-28°F to +122°F)
 - Storage Temperature: -40°C to +70°C (-40°F to +158°F)
 - Environment: Outdoor (IP65), suitable for coastal environments
 - Humidity: 85%, non-condensing

INPUT VOLTAGE / FREQUENCY

Input Voltage: 120V AC, 200V AC nominal
Power Consumption: 11W per 300mm (15' max.)

OUTPUT SPECIFICATIONS

Power: AC line
Dimmable: Phase-cut dimmable
Power Supply: Built-in
Fixture Interconnection: 15x50mm (max) 120V AC, 25x50mm (max) 200V AC

Model No.	Description	Item Code
30 00 0157112	Nano Liner Allegro AC XB 15 (81) 3000 90 120V AC IP65	AX90120091

PHILIPS TRIAD TECHNOLOGIES CO.
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
www.philips.com © 2011 Philips Group • 0711

BETH ISRAEL CENTER / F1

traxon Nano Liner Allegro AC XB

Photometrics

BEAM DATA - 3000K

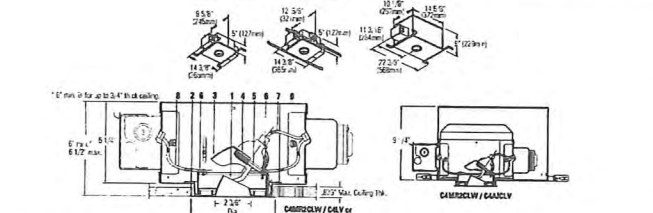
Beam Angle (°)	Color Temperature (K)	Lumens (lm)	Beam Diameter @ 1m (mm)	Beam Diameter @ 2m (mm)	Beam Diameter @ 3m (mm)
30	3000	146.45	463.63	927.26	1390.89
40	3000	109.54	347.84	695.68	1043.52
50	3000	83.27	266.88	533.76	800.64

LUMINAIRE FEATURES

Feature	Value	Unit
Beam Diameter @ 1m (mm)	463.63	mm
Beam Diameter @ 2m (mm)	927.26	mm
Beam Diameter @ 3m (mm)	1390.89	mm
Beam Diameter @ 4m (mm)	1854.52	mm
Beam Diameter @ 5m (mm)	2318.15	mm

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LIGHTOLIER Calculate Evolution Adjustable Pinhole **C4MR2**
2' Aperture Pinhole MR16 Reflector Trim



Callout Detail 5/16" (12.7mm) Dia. Reflector Trim

Reflector Trim	Frame-In Kit	Non-IC Air Seal	IC Air Seal
C4MR2 CLW	CLW100	C4MR2 CLW	C4MR2 CLW
C4MR2 CLW	CLW100	C4MR2 CLW	C4MR2 CLW

- Features**
- Aperture Size: 16 ga. aluminum 2" diameter reflector maintains view into the fixture. Permanently fastened to trim plate. Interchangeable with other Evolution 4 1/2" low voltage trim.
 - Trim Plate: Die-cast aluminum plate inverts vertical overlap ceiling cutout for clean look in finished ceiling.
 - Lamp Holder Assembly: Die-cast aluminum. Bulbs aperture shield blocks view into fixture. 45° vertical tilt 3/8" max. with removal frame-in kit. 360° horizontal rotation. Lockable. Not aiming is possible using a pinhole screwdriver. Matte Finish. Top cap should keep interior of fixture dust free.
 - Lamp Support: Die-cast aluminum with knurled surface for easy gripping during relamping. Spring tension clips hold lamp and lens and allow fast, simple, step-out relamping. Matte black finish. Accepts up to two 2" dia. lower color filter and spread lens accessories. (See color filter notes to be used together, primary color filters are not compatible).
 - Cover Glass: High temperature, tempered soft focus lens.
 - Vertical Horizontal Locking: Single screw adjustment, independent locking system.
 - Bracket Harness: Particulate beam screen. Pre-wired with No. 18 PTFE leads.
 - Power Harness: Provides power to transformer.
 - Frame-In Kit: Compatible frame-in kits are fitted above. See separate frame-in kit specification sheets for details.
 - Non-IC Air Seal: "Seal" - Insulation must be kept 3" away from fixture sides and wiring components, and must not be placed above fixture in a manner which will entrap heat.
 - IC Air Seal: "Seal" - Insulation may be in direct contact with "Insulation".
 - Maintain Ceiling Thickness: 5/16" 120" with C4MR2 accessory (See C4MR2 specification sheet for details.)

Options & Accessories

Reflector Finishes	Flange Options
Clear, CL	White, W
Clear Coat Diffuse, CCO	
Champagne Bronze, CCZ	
Black, BK	
White, WH	

PHILIPS

BETH ISRAEL CENTER / F2

C4L-DL-VB CALCULITE WHITE LED 4 ROUND DOWNLIGHT



Trim kit

- Heat sink enclosure
- LED board
- Reflector
- Mixing chamber (optional)

White LED 4*
CAL1813CCDPV
C4L-DL-VB Trim kit is available in compatible with all Calculite LED 4* frame-in kits.

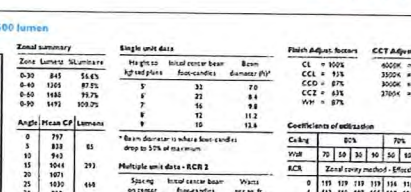
- Features**
- Callout detail: 1/2" aperture, 5 1/4" (136mm) recess.
 - Double 5 1/4" (136mm) recessed light engine.
 - Power optimization: Aperture in light engine via push-in connector for frame. Removable cover provides access function. Allows inspection from below.
 - Thermal protection: Meets NEC & UL requirements. Do not install in locations where air will be recirculated.
 - Thermal Management: Heat sink and thermal design along with the clean assembly process ensure specified performance levels are maintained.

Options and accessories

Dimming capability:	Emergency capability:	Emergency capability:
0-10V or Larson dimming	Emergency capability: 1 hour	Emergency capability: 1 hour

BETH ISRAEL CENTER / F2

C4L-DL-VB CALCULITE WHITE LED 4 ROUND DOWNLIGHT



31W LED, 3500K, 1500 lumen

Beam Angle	Zone Lumens	Beam Diameter
30	1500	136mm
40	1125	102mm
50	750	76mm

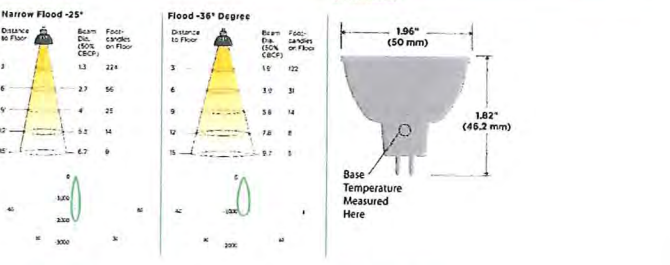
15W LED, 3500K, 1000 lumen

Beam Angle	Zone Lumens	Beam Diameter
30	1000	102mm
40	750	76mm
50	500	51mm

Color Rendering

Color Index	Value
CR1	100
CR2	100
CR3	100
CR4	100
CR5	100
CR6	100
CR7	100
CR8	100
CR9	100
CR10	100

SORAA OUTDOOR LED MR16 3000K 12VAC



Color Rendering

Color Index	Value
CR1	100
CR2	100
CR3	100
CR4	100
CR5	100
CR6	100
CR7	100
CR8	100
CR9	100
CR10	100

PRELIMINARY NOT FOR CONSTRUCTION

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608-223-9600

Audio Visual and/or Acoustics:
Xx
Yy
Zz

Beth Israel Center - Addition & Renovations
1406 Mound Street
Madison, WI 53711

Project #: 13005.00

Design Development

No.	Description	Date
02	Planning Commission	02-05-2014

No.	Description	Date

Drawn by:
Checked by:

LUMINAIRE CUT SHEETS - ELECTRICAL

E301

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REFERENCE SCALE: AS SHOWN

KJWW#13.084.00 - BETH ISRAEL RENOVATION AND EXPANSION

Project Name: Beth Israel Center Addition & Renovations
Project #: 13005.00