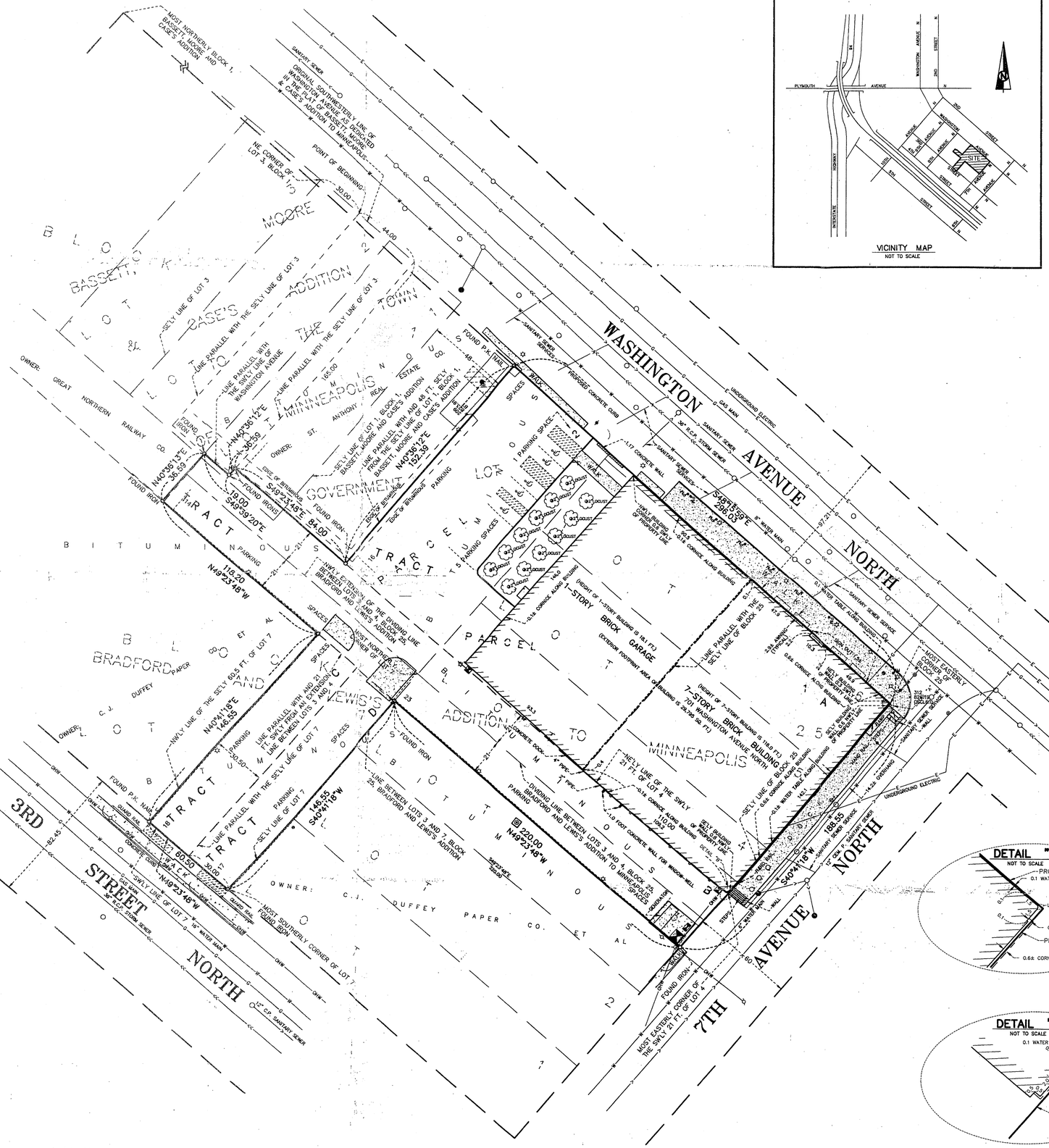
Loose Wiles Building

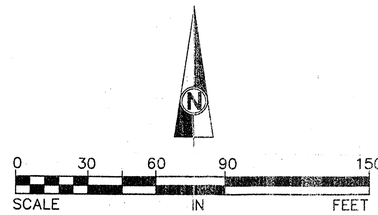
Base Building for Loose Wiles - Exterior Alterations
701 Washington Ave N
Minneapolis, MN 55401

Issue for Historical Review:
April 3, 2013

Structural Engineer
BKBM Engineers
5930 Brooklyn Boulevard
Minneapolis, MN 55429-2518
Phone: (763) 843-0420
Fax: (763) 843-0421
www.bkbm.com

Gensler
Architect
81 South Ninth Street
Suite 220
Minneapolis, Minnesota 55402
Project Number: 30.7524.000
Contact: Aaron Wittkamper





LEGEND

- MANHOLE
- CATCH BASIN
- GUARD POST
- HYDRANT
- SIGN
- GATE VALVE
- POWER POLE
- LIGHT POLE
- OVERHEAD WIRES
- MONITOR WELL
- POST INDICATOR VALVE
- ROOF DRAIN
- POWER POLE WITH LIGHT
- ELECTRIC OUTLET
- AUTO SPRINKLER
- ELEC. METER
- PARKING METER
- CONCRETE

ALTA / ACSM LAND TITLE SURVEY

SURVEY FOR: ROBINS, KAPLAN, MILLER & CIRESI L.L.P.

PROPERTY ADDRESS: 701 Washington Avenue North and 724 3rd Street North, Minneapolis, Minnesota.

LEGAL DESCRIPTION:

Tract A

Parcel 1:

That part of Lots 4, 5 and 6, Block 25, Bradford and Lewis's Addition to Minneapolis and that part of vacated Washington Avenue North, all described as beginning at the most Easterly corner of the Southwesterly 21 feet of said Lot 4; thence Northwesterly along the Northeasterly line of the Southwesterly 21 feet of said Lot 4 a distance of 110 feet; thence Northeasterly parallel with the Southeasterly line of said Block 25 and its extension, a distance of 148.48 feet more or less to a line drawn from the most Easterly corner of said Block 25 to the most Northerly corner of Block 1, Bassett, Moore and Case's Addition to the town of Minneapolis; thence Southeasterly along the last described line to the most Easterly corner of said Block 25; thence Southwesterly along the Southeasterly line of said Block 25 a distance of 146.55 feet to the point of beginning, according to the recorded plat thereof.

Parcel 2:

That part of Lots 4, 5 and 6, Block 25, Bradford and Lewis's Addition to Minneapolis and that part of vacated Washington Avenue North and that part of Government Lots 3 and 4 and of the Southwest Quarter of the Northeast Quarter, Section 22, Township 29, Range 24, all described as beginning at a point on the Northeasterly line of the Southwesterly 21 feet of Lot 4 in said Block 25 distant 110 feet Northwesterly from the most Easterly corner of the Southwesterly 21 feet of said Lot 4; thence Northwesterly along the Northeasterly line of the Southwesterly 21 feet of Lot 4 in said Block 25 and its extension a distance of 185.54 feet more or less to an intersection with a line drawn parallel with and 48 feet Southeasterly from the Southeasterly line of Lot 1, Block 1, Bassett, Moore and Case's Addition to the Town of Minneapolis; thence Northeasterly along said parallel line 151.73 feet more or less to a line drawn from the most Easterly corner of said Block 25 to the most Northerly corner of said Block 1; thence Southeasterly along the last described line 185.86 feet more or less to an intersection with a line drawn Northeasterly, parallel with the Southeasterly line of said Block 25 and its extension from the point of beginning; thence Southwesterly along the last described parallel line to the point of beginning, according to the recorded plat and the Government Survey thereof.

Tract B

Lot 1, Block 1, TARA UTIN ADDITION.

Tract C

Northwesterly 30 feet, 6 inches of the Southeasterly 60 feet, 6 inches of that part of Lot 7, Block 25, Bradford and Lewis's Addition to Minneapolis, lying Southwesterly of a line drawn parallel with and 21 feet Southwesterly from the line between Lots 3 and 4, said Block 25 extended.

Tract D

That part of Lot 7, Block 25, Bradford and Lewis's Addition to Minneapolis described as follows to-wit: Beginning at a point in the common line between Lots 3 and 7, Block 25 of Bradford and Lewis's Addition aforesaid, which point is 21 feet Southwesterly from the most Northerly corner of Lot 3 in said Block and which point is marked by Judicial Monument, thence Southwesterly to the most Southerly corner of Lot 7 which point is marked by Judicial Monument, thence Northwesterly 30 feet along the Southwesterly line of Lot 7 to a point in said line marked by Judicial Monument, thence Northeasterly along a line parallel to the Southeasterly line of said Lot 7 to a point in said line, 21 feet Southwesterly from an extension of the common line between Lots 3 and 4 in said Block which point is marked by Judicial Monument, thence to place of beginning, all of the above according to the plat thereof on file or of record in the office of the Register of Deeds, Hennepin County, Minnesota.

CERTIFICATION:

We hereby certify to 701 Investments, LLC, General Electric Capital Business Asset Funding Corporation, Commercial Partners Title, LLC and Chicago Title Insurance Company:

(a) that the survey represented herein was actually made upon the ground, that it and the information, courses and distances shown thereon are accurate, and that it is an accurate survey of all the real property legally described herein;

(b) that the within survey accurately shows the location, boundaries and size of all visible above ground buildings, visible above ground structures, and visible above ground improvements, the location of all rights of way, easements and other matters of record as listed in Schedule "B" of the Title Commitment issued by Fidelity National Title Insurance Company as agent for Chicago Title Insurance Company with an effective date of April 30, 2001, the location of all setback lines in accordance with ALTA/ACSM Table A option number six (6) included in the Minimum Standard Detail Requirements as issued by the American Land Title Association and the American Congress on Surveying & Mapping in 1999, and the location of parking areas;

(c) that the within survey was prepared under the direct supervision and control of the undersigned from an actual survey made of the real property legally described herein;

(d) that the within survey, as of the date of the survey, shows all visible above ground encroachments either across property lines or across all building setback lines in effect;

(e) that the within survey, as of the date of the survey, properly designates and locates all visible evidence of easements and all recorded easements listed in Schedule "B" of the Title Commitment as issued by Commercial Partners Title, LLC an agency of Lawyers Title Insurance Corporation with an effective date of August 25, 1999;

(f) ingress and egress to the subject property is provided by 215th Street West and Grenada Avenue upon which the property abuts, the same being a paved right-of-way maintained by City of Lakeville, Minnesota;

(g) the property is not located in an area designated as a special flood hazard area by the U.S. Department of Housing and Urban Development, and lies in a zone X of minimum flooding; and

(h) I further certify that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA, ACSM and NSPS in 1999, and includes items 1, 2, 3, 4, 6, 7a, 7b(1), 7c, 8, 9, 10, 11, 12, 13 and 14 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA, NSPS and ACSM and in effect on the date of this certification, undersigned further certifies that the Positional Uncertainties resulting from the survey measurements made on the survey do not exceed the allowable Positional Tolerance.

Dated this 25th day of July, 2001

EGAN, FIELD, & NOWAK, INC.
SURVEYORS

by: _____

Jack Boike, Minnesota License No. 20281
7415 Wayzata Boulevard, Minneapolis, Mn.
Telephone: (952) 546-6837

NOTES:

1. The orientation of this bearing system is based on the southeast line of Block 25, Bradford and Lewis's Addition to Minneapolis which is assumed to have a bearing of South 40 degrees 41 minutes 18 seconds West.

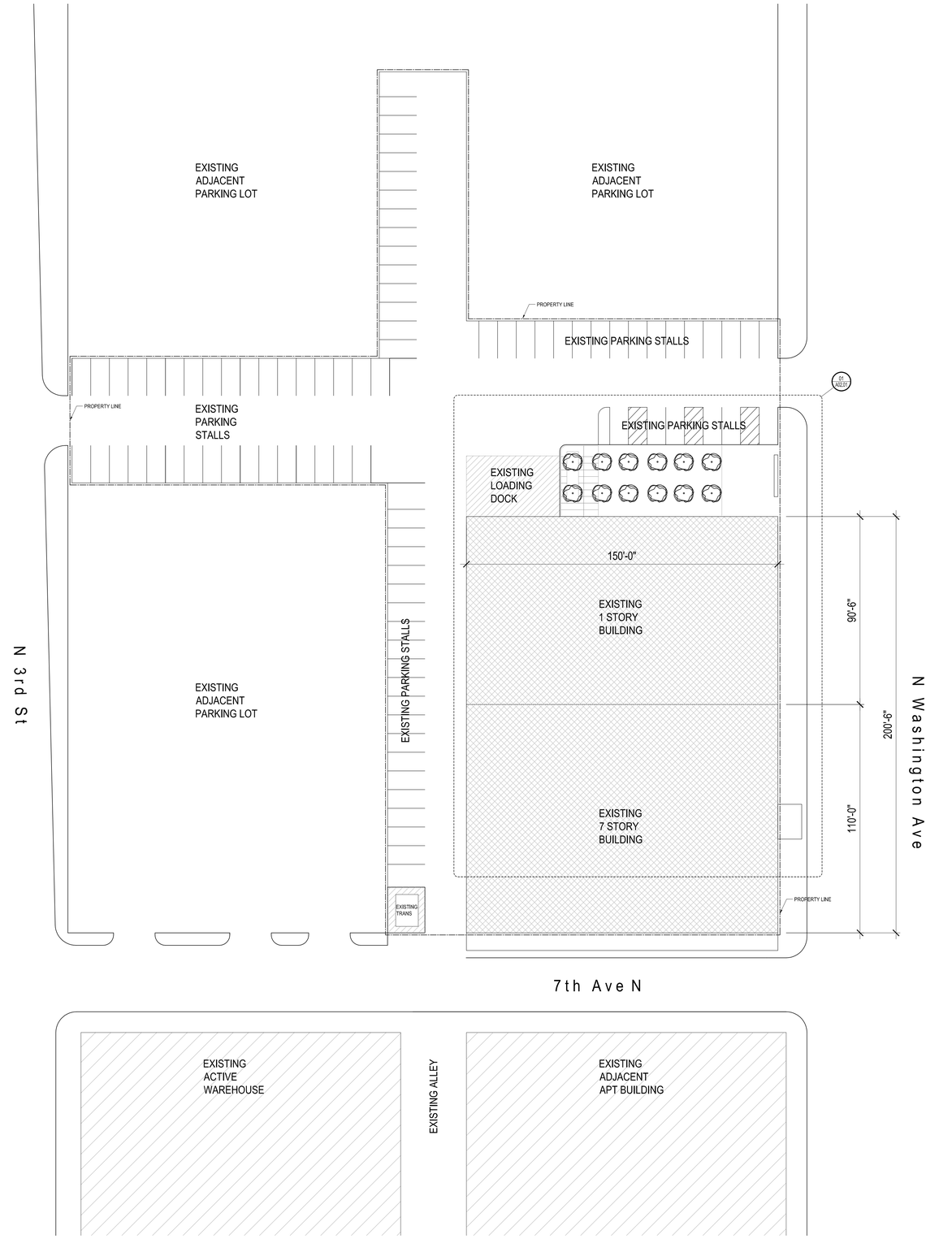
2. According to the City of Minneapolis, the property is zoned I-2, lies within Flood Zone C (minimal hazard) per Federal Insurance Rate Map Community Panel No. 270172 0006 B, dated February 18, 1981 and has no building setback requirements.

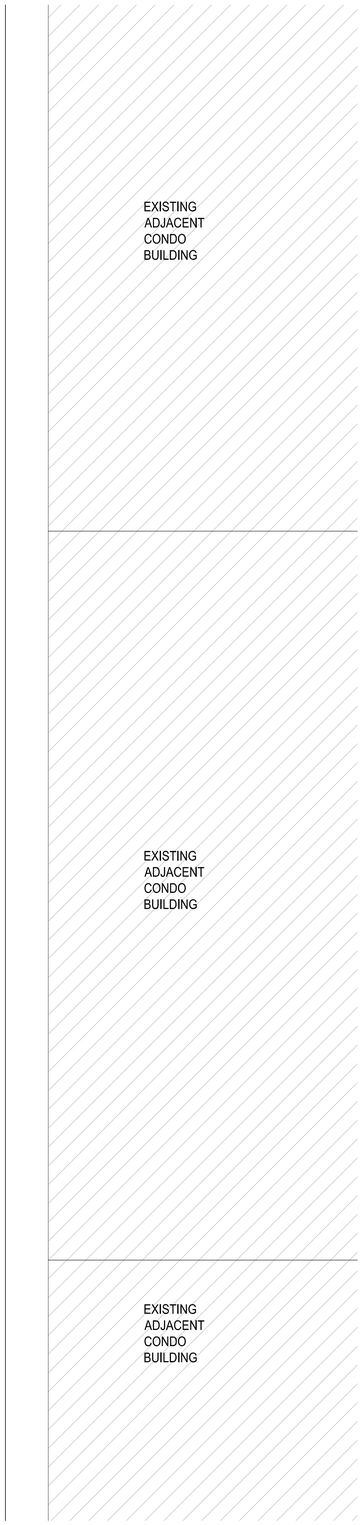
3. The area of the property described hereon is 69,735 square feet or 1.6009 acres.

4. Existing utilities and services shown hereon, were located either physically, from existing records made available to us or by resident testimony. Other utilities and services may be present. Verification and location of all utilities and services should be obtained from the owners of the respective utilities prior to any design, planning or excavation.

5. The legal description and easement information were obtained from Commercial Partners Title, LLC as agent for Chicago Title Insurance Company File No. 16803 dated May 7, 2001.

EGAN FIELD & NOWAK INC. SURVEYORS
7415 WAYZATA BOULEVARD
MINNEAPOLIS, MINNESOTA
TELE: (612) 546-6837





SITE PLAN
SCALE: 1/24" = 1'-0"

FLOOR PLAN KEYNOTES

01 EXISTING MASONRY SHAFT WALLS TO REMAIN. WALLS TO BE REPAIRED AS NECESSARY TO MAINTAIN 2 HOUR SHAFT RATING. PROVIDE FIRE RESISTIVE JOINT SYSTEM BETWEEN EXISTING MASONRY AND NEW GYP BOARD SHAFT WALL. JOINT SYSTEM SHALL BE UL LISTED.

02 ALIGN FACE OF NEW INTERIOR PARTITION WITH FACE OF EXISTING PARTITION.

04 PATCH AND PREP EXISTING PARTITION AT LOCATION OF DEMOLISHED PARTITION.

05 INFILL LOCATION OF DEMOLISHED DOOR AND FRAME WITH NEW PARTITION.

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08 EXACT WALL LOCATION (CAVITY SPACE) TO BE DETERMINED BY FULLY RECESSED DRINKING FOUNTAIN.

09 PROVIDE AND INSTALL QTY (34) BIKE HOOKS (EQUIPMENT TAG 1) AT LOCATIONS SHOWN. HOOKS TO BE INSTALLED EVERY 24" AT 6'-0" AND 7'-0" (ALTERNATE HEIGHTS) PROVIDE IN WALL FIRE RATED PLYWOOD 12" HIGH X LENGTH OF WALLS NOTED.

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17 PROVIDE 3 1/2" DEEP X 5" WIDE STEEL STUD AND GYPSUM BOARD PORTAL. PROTAL TO WRAP SIDES AND TOP OF HOLLOW METAL FRAME. SHEETROCK TO BE INSTALLED DIRECTLY ADJACENT TO HOLLOW METAL FRAME.

18 ENTIRE THRESHOLD ASSEMBLY TO MAINTAIN 120 MIN RATING CONTINUOUS WITH ADJACENT EXISTING 4 HR MASONRY WALL. INCLUDES SLAB BELOW AND DECK ABOVE.

19 SLAB INFILL - CONCRETE SLAB ON CORRUGATED METAL DECKING

GENERAL PLAN NOTES

A. REFER TO A00.01; ABBREVIATIONS AND PROJECT NOTES FOR ADDITIONAL INFORMATION.

B. ALL INTERIOR PARTITIONS TO BE TYPE '**A3A**' UNLESS NOTED OTHERWISE. REFER TO A12.00 FOR PARTITION TYPE INFORMATION.

C. REFER TO A00.30, DOOR AND FRAME SCHEDULE FOR ADDITIONAL INFORMATION.

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E. PROVIDE CODE REQUIRED FIRE PROTECTION AT ALL STRUCTURAL STEEL MEMBERS. REFER TO CODE REVIEW FOR FIRE RESISTANCE REQUIREMENTS. PROVIDE ARCHITECT WITH UL FIRE TEST INFORMATION AT EACH SPECIFIC CONDITION BEFORE PROCEEDING WITH THE WORK.

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

Loose Wiles Building

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Gensler
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Issue	Date & Issue Description	By	Check
01	01/02/2013	AW	AW
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02	03/07/2013	AW	AW
	ISSUE FOR BID		
03	03/12/2013	AW	AW
	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A00-50

Description
SITE PLAN

Scale

Plan North

True North

A00.50

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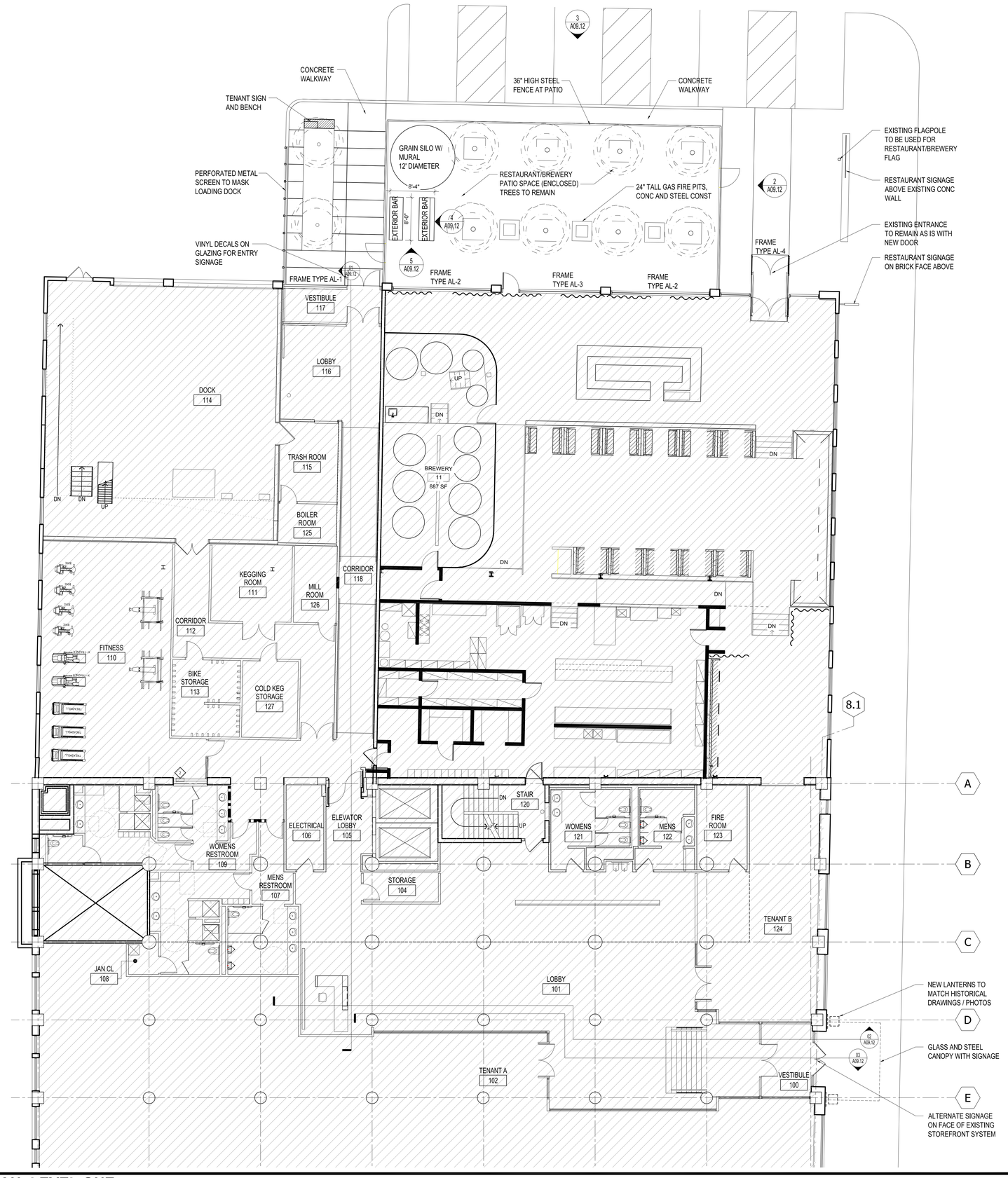
FILE: O:\30.7524.000\CAD\SHEETS\A00-50.DWG DATE: 05.01.2013



CONSTRUCTION PLAN: LEVEL ONE

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

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FILE: Q:\30.7524.000\CAD\SHEETS\A02-01EXT.DWG DATE: 04.10.2013

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Minneapolis, Minnesota 55401

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Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A02-01

Description
CONSTRUCTION PLAN - LEVEL ONE

Scale

Plan North

True North

A02.01

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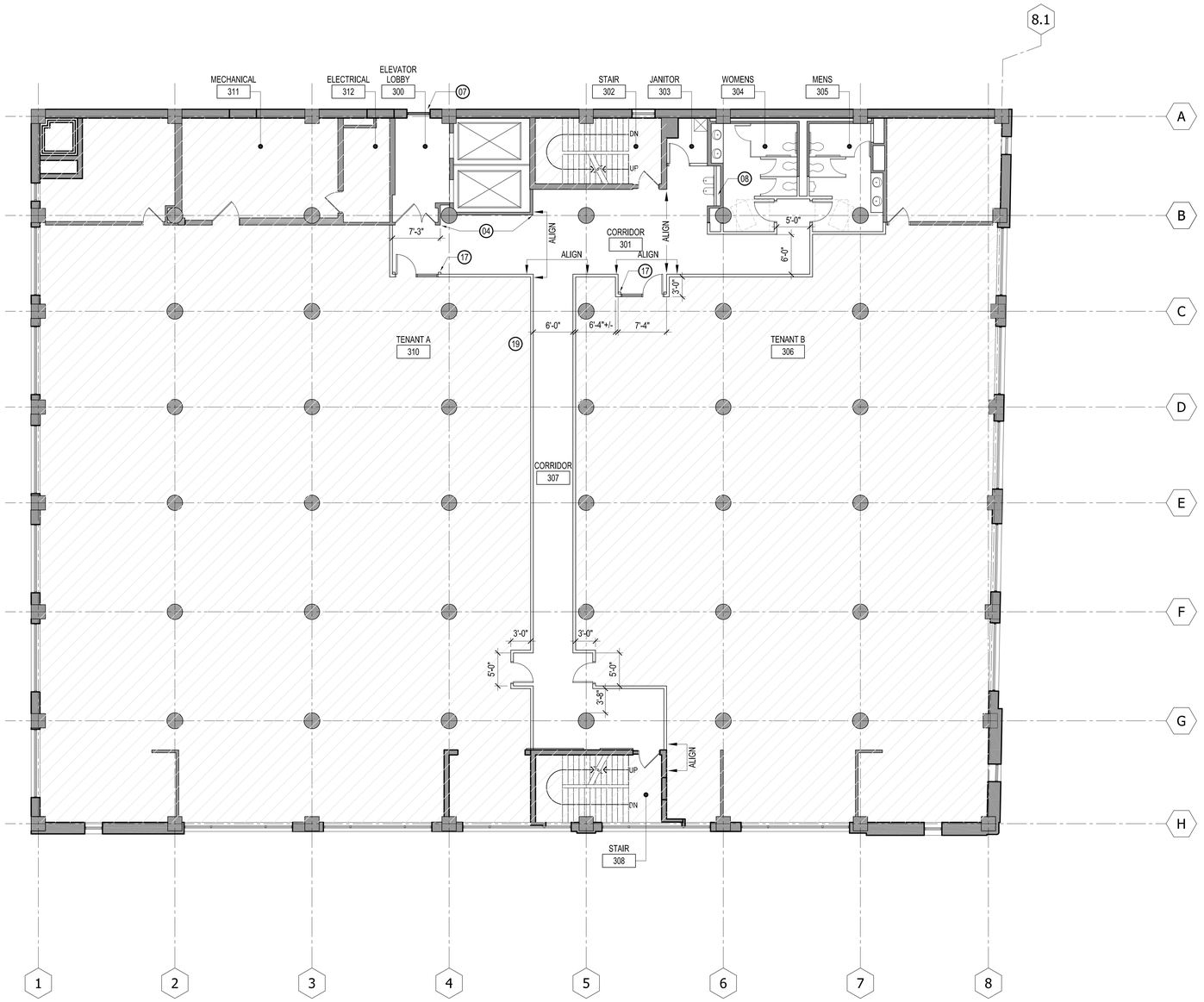

CONSTRUCTION PLAN: LEVEL THREE - TYPICAL TENANT FLOOR

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

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Seal/Signature

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Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A02-03

Description
CONSTRUCTION PLAN - LEVEL THREE - TYPICAL TENANT FLOOR

Scale

Plan North

True North

A02.03

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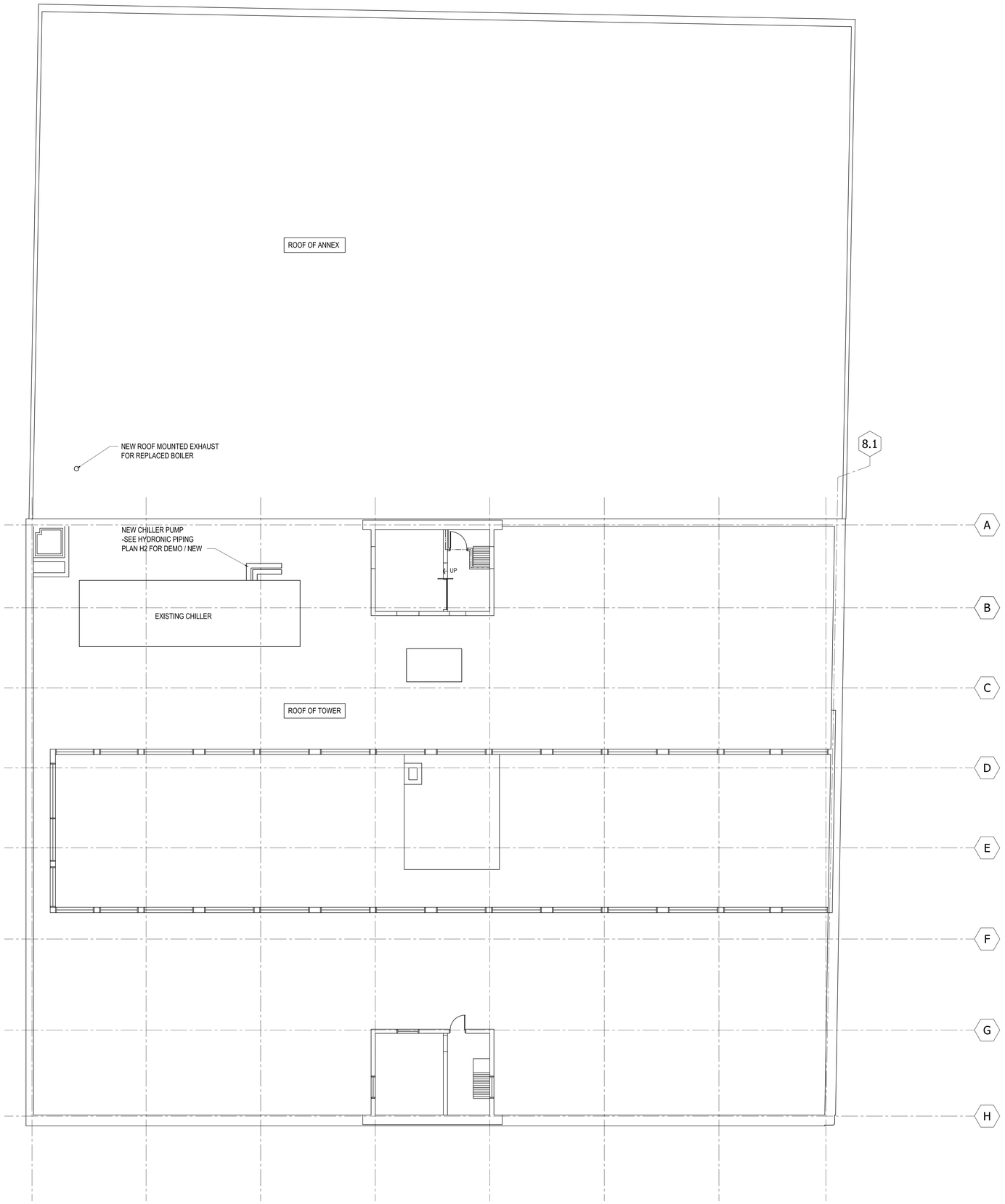
FILE: Q:\30.7524.000\CAD\SHEETS\A02-03.DWG DATE: 04.03.2013



CONSTRUCTION PLAN: LEVEL ROOF, TOWER AND 1-STORY ANNEX

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Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A02-08

Description
CONSTRUCTION PLAN - LEVEL ROOF

Scale

Plan North

True North

A02.08

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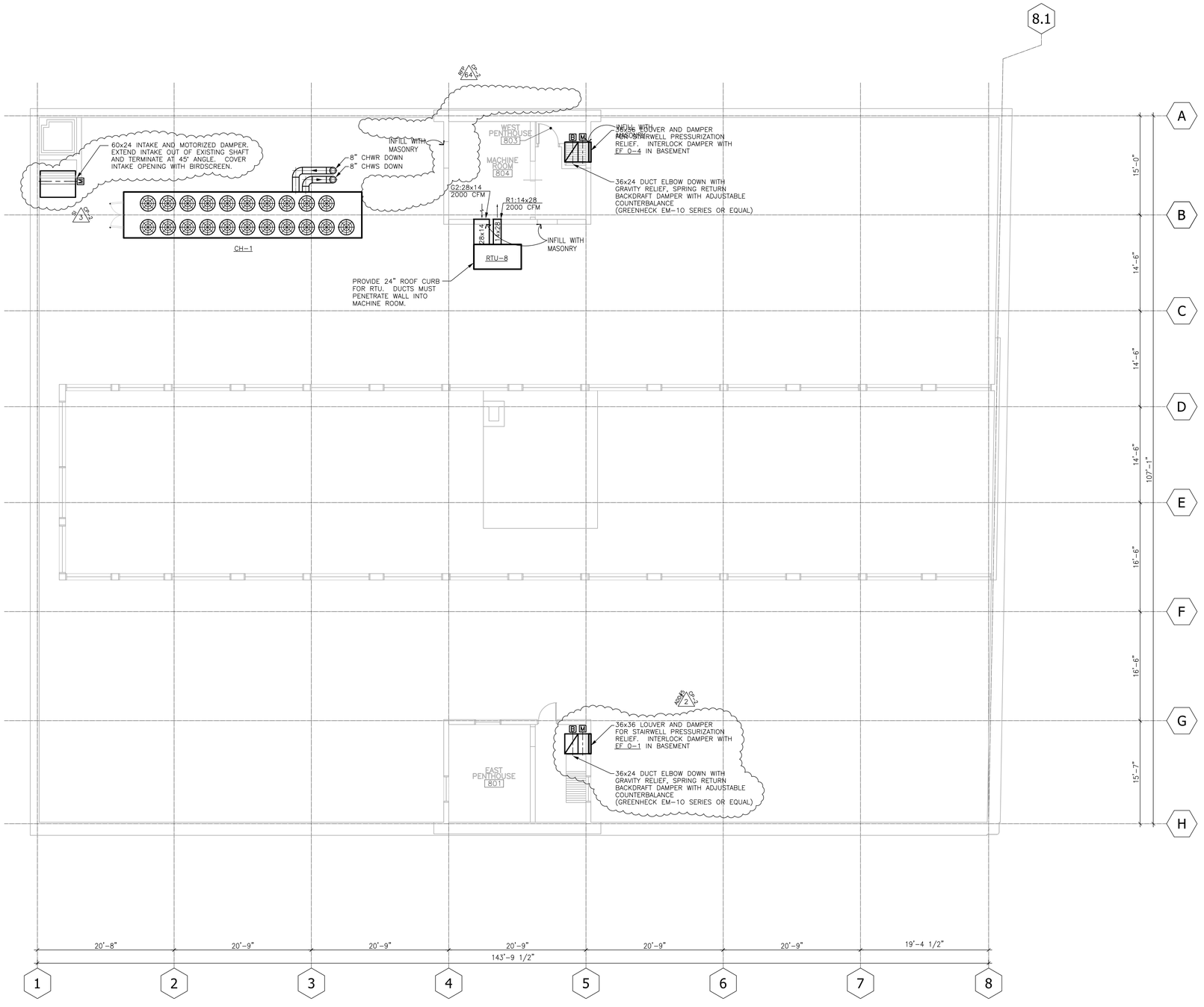
FILE: Q:\30.7524.000\CADSHEETS\A02-08.DWG DATE: 05.13.2013



PLOT OK

H013A208.DWG

HGA OFFICE

MINNEAPOLIS, MINNESOTA

CORE & SHELL PACKAGE

CONSTRUCTION SET
DECEMBER 18, 2000

NO. 2 DEC 18, 2000

NO. 1 OCT 02, 2000

REVISION HISTORY

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1201 Harmon Place - Minneapolis, Minnesota USA 55403-1985
Telephone 612.337.4100 Facsimile 612.332.9013

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

SIGNATURE: KERMIT L. OLSON
DATE: 8/31/2000 REGISTRATION NUMBER: 18123

ROOF PLAN MECHANICAL

COMM. NO.	1258-013-00
SCALE	1/8" = 1'-0"
DATE	AUGUST 31, 2000
DRAWN	M. FYNBOH

CP-2

M208

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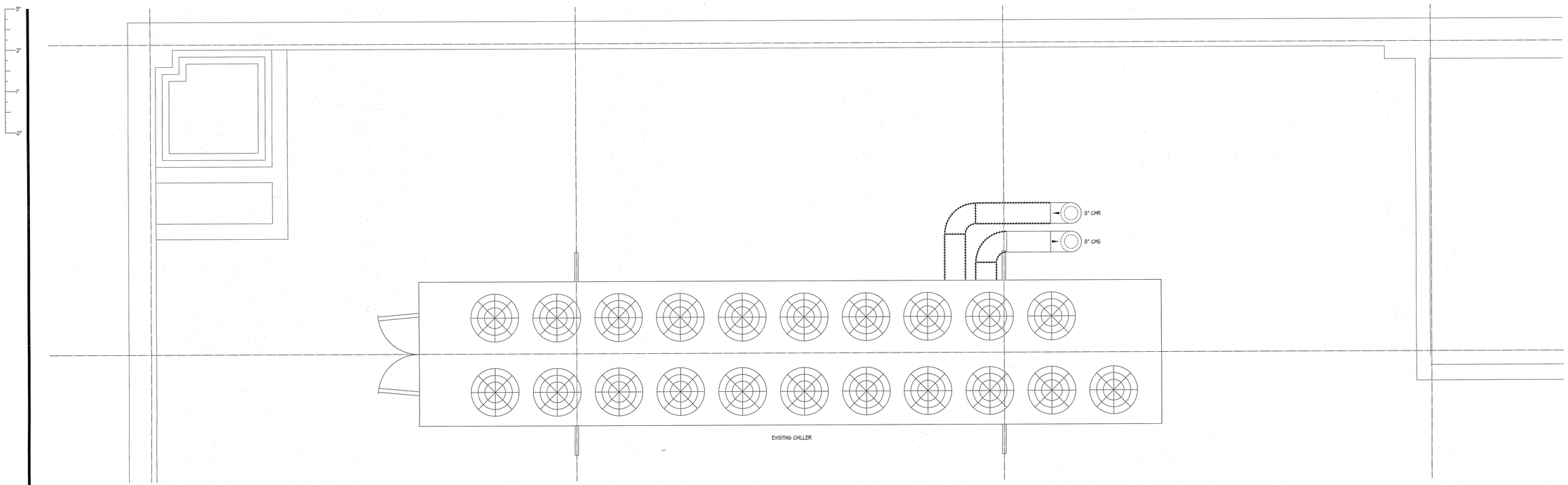
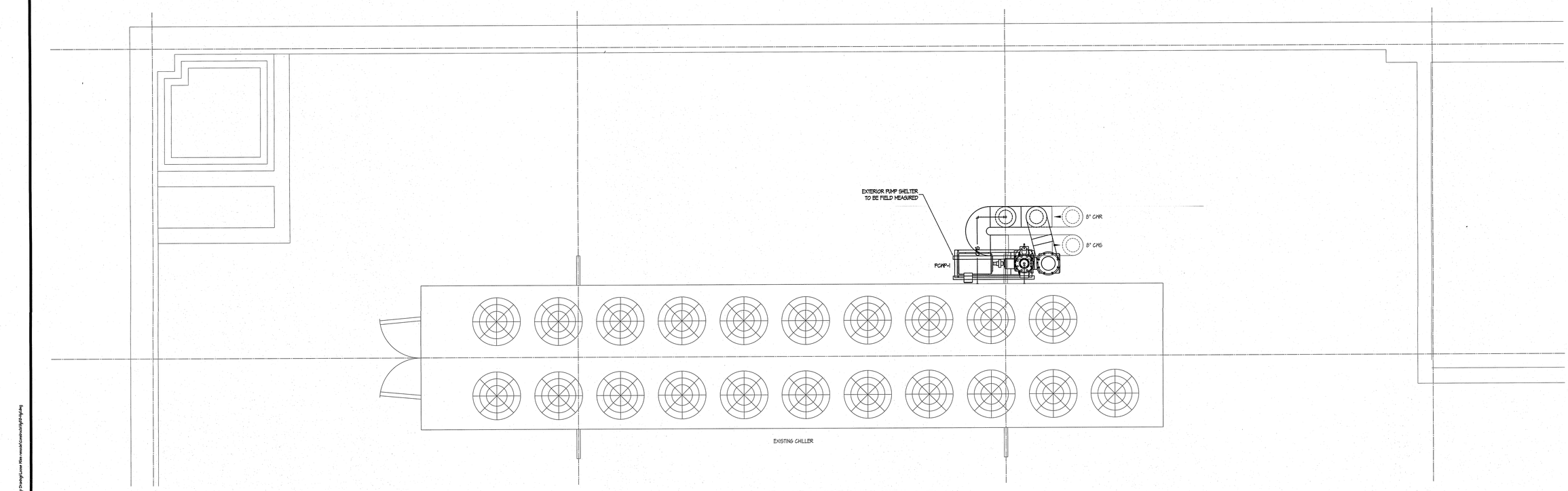


1/H2 ROOF HYDRONIC DEMO PLAN
SCALE: 1/2" = 1'-0"



2/H2 ROOF HYDRONIC PIPING PLAN
SCALE: 1/2" = 1'-0"

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marty@grmechanical.com (CAD)

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: Paul J. Woods
SIGNATURE:
DATE: 2/28/13
LICENSE #: 40446

LOOSE WILES BUILDING
HVAC UPGRADE

701 WASHINGTON AVE N
MINNEPOLIS, MN

ISSUE RECORD:
02-27-13 FOR PERMIT

ARCHITECT'S DESIGN NUMBER:

GR MECHANICAL'S PROJECT NUMBER:

DATE:
02-27-13
PROJECT MANAGER:
GGR
DRAWN BY:
MJF
CHECKED BY:
GGR
DIRECTORY:
SERVER\\JOBS\\

SHEET TITLE:
ROOF HYDRONIC PIPING PLAN

SHEET NUMBER
H2

Drawing File: \\server\vol4:\data\00010000 - 00999\00xx Loose Wiles Bldg exterior 4 Interior 3d\Working Drawings\Loose Wiles revised\Construction\High\H-high.dwg
Last Printed: 2/27/2013 3:40:27 PM

HYDRONIC SPECIFICATIONS

SECTION 1 - GENERAL REQUIREMENTS
1. DRAWINGS AND MEASUREMENTS
1.1. THE DRAWINGS ARE NOT INTENDED TO BE SCALED OR USED FOR SHOP DRAWINGS. REFER TO ARCHITECTURAL DRAWING AND EQUIPMENT DRAWINGS FOR PROPER ROUGH-IN DIMENSIONS.
1.2. FIELD VERIFY ALL CONNECTIONS TO EXISTING SYSTEMS.
1.3. FIELD VERIFY ALL ROUTES.
2. CONFORMANCE WITH CODE
2.1. ALL HYDRONIC MATERIALS AND HYDRONIC SYSTEMS OR PARTS THEREOF SHALL BE INSTALLED TO MEET THE MINIMUM PROVISIONS OF THE MINNESOTA CODE.
3. GUARANTEE
3.1. THE HYDRONIC CONTRACTOR SHALL GUARANTEE ALL WORK INSTALLED BY FOR A PERIOD OF ONE YEAR AFTER DATE OF HYDRONIC FINAL.

SECTION 2 - PIPE AND FITTINGS
1. WATER DISTRIBUTION PIPE
1.1. UNDERGROUND
1.1.1. BPEX TUBING
1.2. ABOVE GROUND (¾" - 2")
1.2.1. SEAMLESS COPPER TUBE, TYPE L, HARD TEMPER (ANSI H23.1; ASTM B88)
1.2.3. CAST BRONZE AND WROUGHT SOLDER JOINT PRESSURE FITTING (ANSI H23.1)
1.2.4. 95-5 TIN-ANTIMONY OR 96-4 TIN-SILVER SOLDER CONTAINING LESS THAN 0.2% LEAD SHALL BE USED (MN STATUTES, SECT. 326.371)
1.2.5. ALL JOINTS TO BE SOLDERED MUST BE PROPERLY FLUXED WITH NONCORROSIVE PASTE-TYPE FLUX (ASTM B813-00)
1.2.6. PRESS TYPE COPPER AND COPPER ALLOY FITTINGS ON COPPER TUBING, SIZES ½" TO 4", INSTALLED IN ACCORDANCE WITH IAPMO STANDARD PS 117-2002
1.3. ABOVE GROUND (2½" AND LARGER)
1.3.1. BLACK STEEL PIPE, SCHEDULE 40
1.3.2. GROOVED FITTINGS AND JOINTS
2. HANGER AND SUPPORTS
2.1. SPACING FOR VERTICAL PIPING SUPPORTS
2.1.1. COPPER TUBING: AT EACH STORY
2.2. SPACING FOR HORIZONTAL PIPING SUPPORTS
2.2.1. COPPER TUBING
2.2.1.1. ½" OR SMALLER: 8'-0"
2.2.1.2. ¾" OR LARGER: 10'-0"
2.3. PIPING IN THE GROUND
2.3.1. SHALL BE LAID ON A FIRM BED FOR ITS ENTIRE LENGTH
2.3.2. HUNG FROM STRUCTURAL SLAB

SECTION 3 - METHOD OF TESTING
1. TESTING SHALL BE AS DICTATED BY LOCAL CODES OR ORDINANCES

SECTION 4 - INSULATION
1. PIPING AND EQUIPMENT SHALL BE COVERED WITH PLENUM RATED INSULATION OF THE FOLLOWING THICKNESS
1.1. HEATING WATER: 1"
1.2. CHILLED WATER: ½"

SECTION 5 - LABELING
1. 1" HIGH BLOCK LETTERING

SECTION 6 - HYDRONIC EQUIPMENT
1. SHALL BE AS LISTED IN EQUIPMENT SCHEDULES
2. REFER TO APPROVED HYDRONIC EQUIPMENT SUBMITTALS FOR ROUGH IN AND ADDITIONAL INFORMATION

BOILER SCHEDULE

TAG	MAKE	MODEL	CAPACITY (MBH) INPUT	CAPACITY (MBH) OUTPUT	CONDITIONS E.W.T.	CONDITIONS L.W.T.	CONDITIONS P.D.	GPM	LOCATION	NOTES
B-1	RAYPACK	MBV 3503	3500	3045						1 - 5
B-2	RAYPACK	MBV 3503	3500	3045						1 - 5

NOTES:
1) WITH CSD-1 CONTROLS
2) WITH LOW WATER CUTOFF
3) WITH COMBUSTION AIR INTAKE FILTER
4) B-36 BOILER CONTROL WITH CDR
5) WITH FIELD MOUNTED BOILER PUMP

PUMP SCHEDULE

TAG	MAKE	MODEL	SERVES	SIZE	MECHANICAL GPM	MECHANICAL HD	MECHANICAL RPM	ELECTRICAL V	ELECTRICAL HZ	ELECTRICAL PHASE	ELECTRICAL HP	NOTE
SHMP-1	ARMSTRONG	4030	SECONDARY HEATING SYSTEM	3x2½x10	3000	80	1800	208	60	3	10	1 - 4
SHMP-2	ARMSTRONG	4030	SECONDARY HEATING SYSTEM	3x2½x10	3000	80	1800	208	60	3	10	1 - 4
PCMP-1	ARMSTRONG	4030	PRIMARY COOLING SYSTEM	6x5x10			1800	208	60	3	20	1 - 4
SCMP-1	ARMSTRONG	4030	SECONDARY COOLING SYSTEM	6x5x13			1800	208	60	3	50	1 - 4
SCMP-2	ARMSTRONG	4030	SECONDARY COOLING SYSTEM	6x5x13			1800	208	60	3	50	1 - 4
BP-1	ARMSTRONG	4380	BOILER B-1	4x4x6			1800		60		3	
BP-2	ARMSTRONG	4380	BOILER B-2	4x4x6			1800		60		3	

NOTES:
1) WITH SUCTION GUIDE
2) WITH TRIPLE DUTY VALVE
3) BRAIDED STAINLESS STEEL FLANGED FLEX CONNECTORS
4) WITH VFD

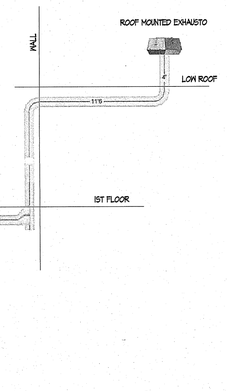
HYDRONIC ACCESSORIES SCHEDULE

TAG	ITEM	MAKE	MODEL	SIZE	NOTES
HS-1	HYDRO SEPARATOR	CALEFFI	NA548200A	8"	

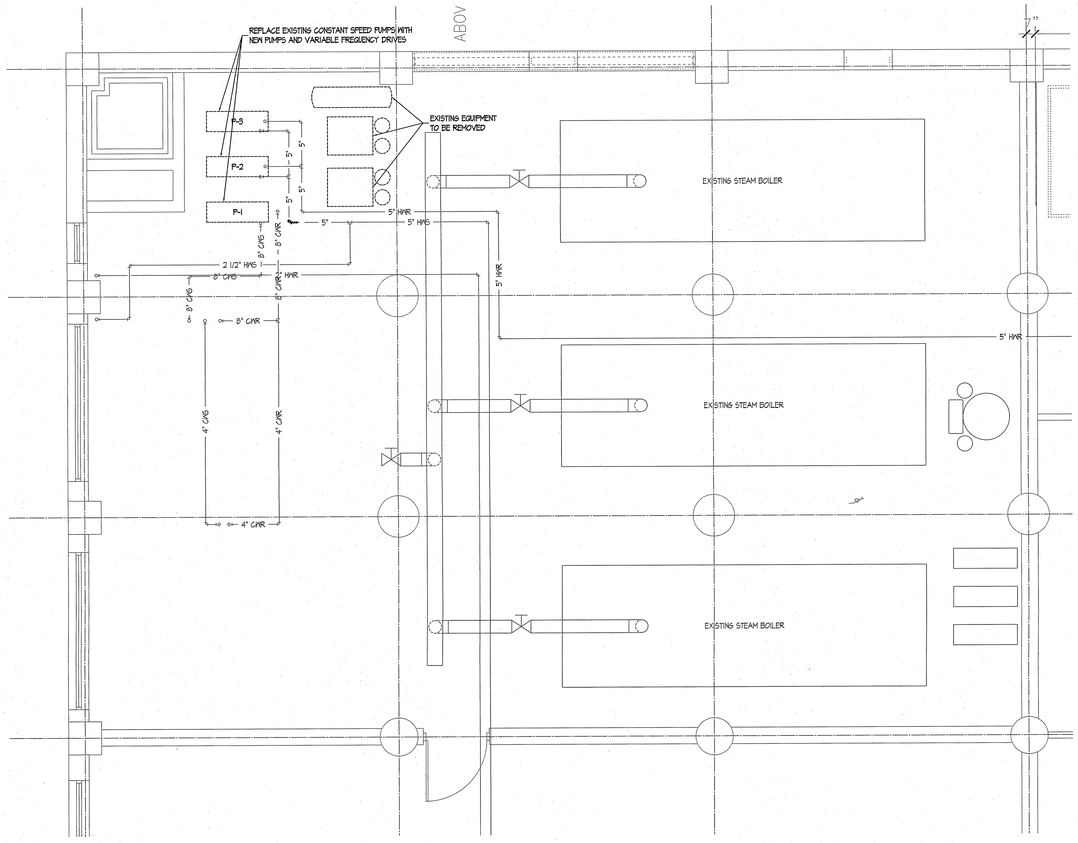
VARIABLE FREQUENCY DRIVE (VFD) SCHEDULE

TAG	MAKE	MODEL	ELECTRICAL V	ELECTRICAL PHASE	ELECTRICAL HP	ELECTRICAL AMPS	NOTES
SHMP-1	MITSUBISHI	F700	208 - 230	3	10	31	1 - 3
SHMP-2	MITSUBISHI	F700	208 - 230	3	10	31	1 - 3
SCMP-1	MITSUBISHI	F700	208 - 230	3	50	140	1 - 3
SCMP-2	MITSUBISHI	F700	208 - 230	3	50	140	1 - 3

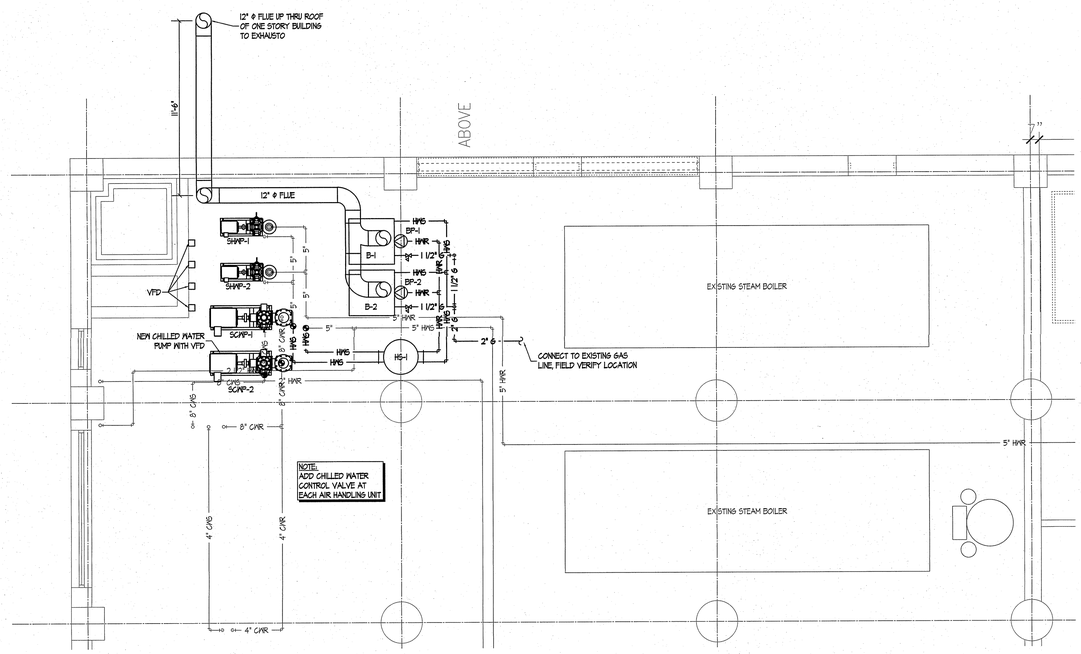
NOTES:
1) WITH NEMA 1 UL ENCLOSURE
2) WITH BUILT IN EMC FILTER
3) RS-485 COMMUNICATION



3 HI POWER EXHAUST DETAIL
SCALE: NONE



1 HI HYDRONIC DEMO PLAN
SCALE: 1/4" = 1'-0"



2 HI HYDRONIC REMODEL PLAN
SCALE: 1/4" = 1'-0"

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marty@grmechanical.com (CAD)

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PRINT NAME: Paul J. Worms
SIGNATURE:
DATE: 2/28/13
LICENSE #: 40446

LOOSE WILES BUILDING
HVAC UPGRADE
701 WASHINGTON AVE N
MINNEAPOLIS, MN

ISSUE RECORD:
02-27-13 FOR PERMIT

ARCHITECT'S DESIGN NUMBER:
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DATE: 02-27-13
PROJECT MANAGER: GGR
DRAWN BY: MJF
CHECKED BY: GGR
DIRECTORY: SERVER\\JOBS\\

SHEET TITLE:
BOILER ROOM HYDRONIC PLAN

SHEET NUMBER
H1

Drawing File: \\server\Jobs\00\0000 - 0099\00xx Loose Wiles Bldg exterior 1 Story\zz Drawings\Loose Wiles remodel\construction\hydr\hydr.dwg
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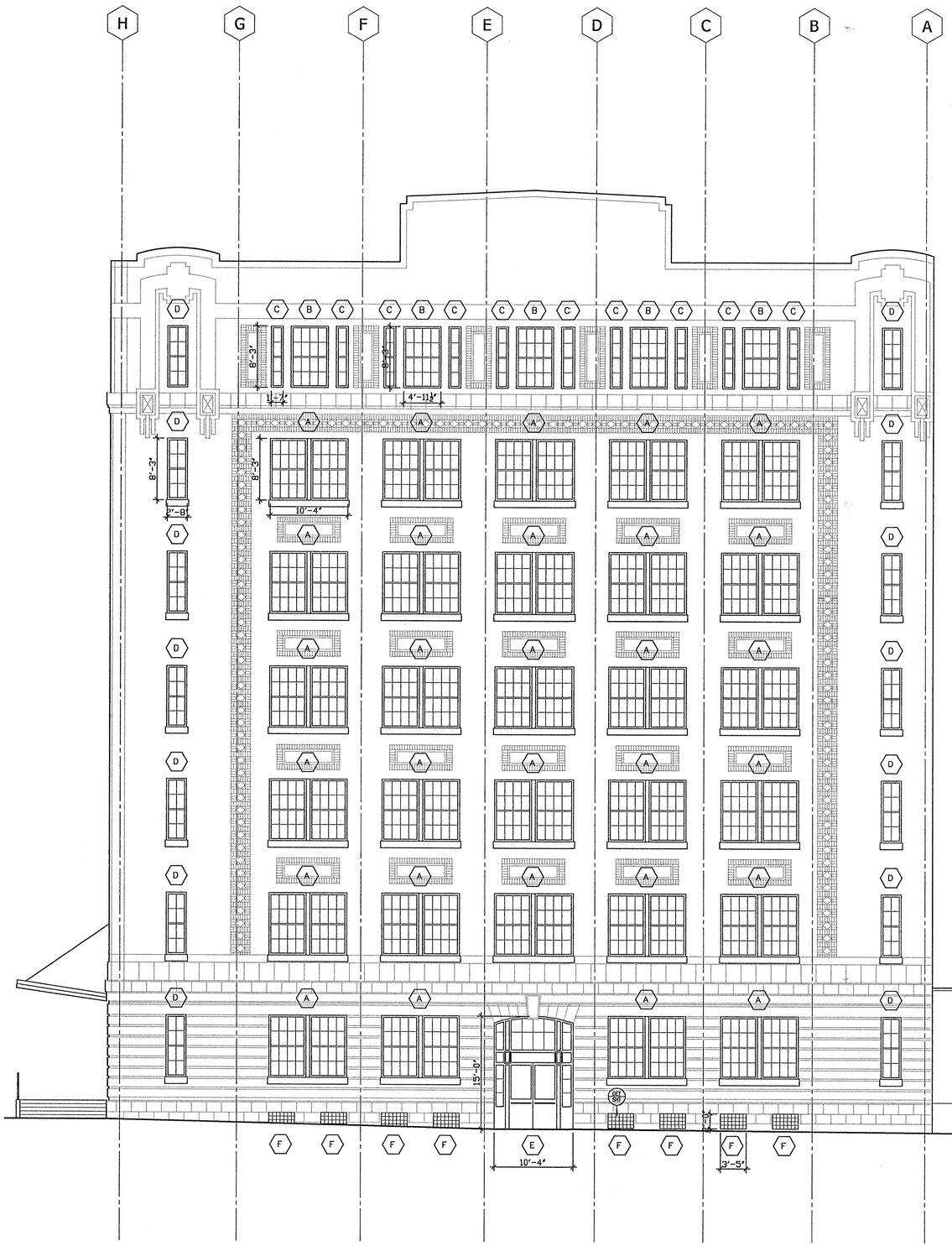

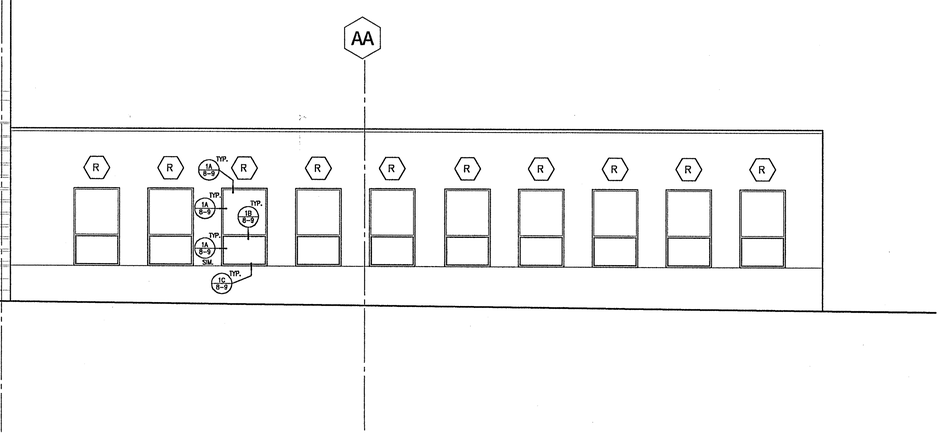

HGA OFFICE

MINNEAPOLIS, MINNESOTA

CORE & SHELL PACKAGE

NOTES:

1.FIELD VERIFY ALL EXTERIOR WINDOW DIMENSIONS

2.ALL GLASS SHALL BE G21 UNLESS OTHERWISE NOTED.

3.UNLESS OTHERWISE NOTED, REFER TO DETAILS 1&2/8-6 FOR EXISTING HISTORIC WINDOW PROFILES AT WINDOW TYPES A,B,C AND D.

REVISION HISTORY

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
1201 Harmon Place - Minneapolis, Minnesota USA 55403-1985
Telephone 612.337.4100 Facsimile 612.332.9013

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA

SIGNATURE: BARTLETT J. BAKER
DATE: 8/31/00 REGISTRATION NUMBER: 17165

BUILDING ELEVATION NORTH

COMM. NO.	1258-013-00
SCALE	1/8" = 1'-0"
DATE	AUGUST 31, 2000
DRAWN	MY

CP-2

A400

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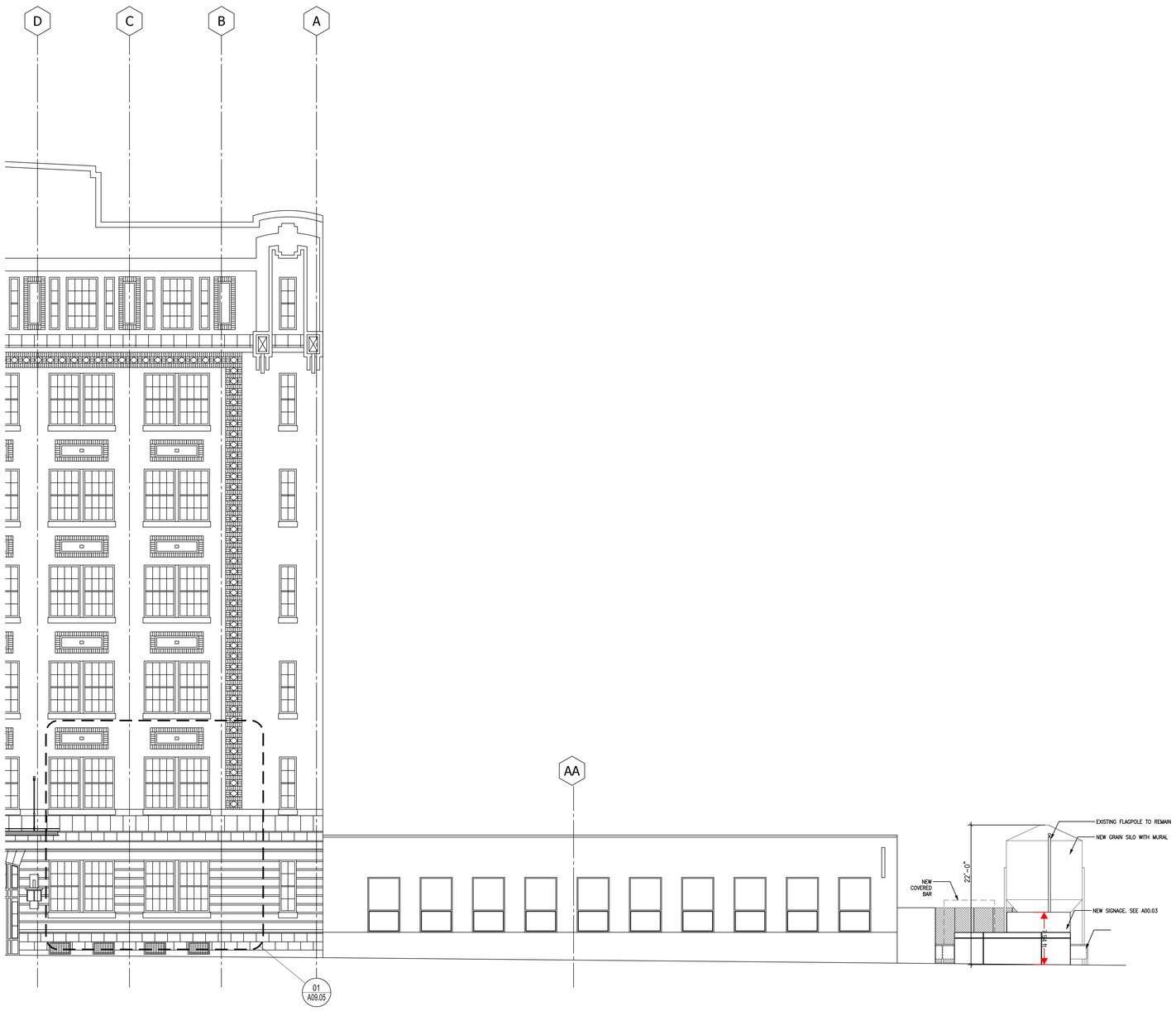
PLOT OK

M01JA400.DWG



EXTERIOR ELEVATION NORTH EAST

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

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

FILE: Q:\30.7524.000\CAD\SHEETS\A09-01.DWG DATE: 04.05.2013

Loose Wiles Building

Loose Wiles Building
701 Washington Avenue North
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Issue	Date & Issue Description	By	Check
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	ISSUE FOR BID AND HISTORICAL REVIEW		
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	ISSUE FOR BID		
03	03/12/2013	AW	AW
	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name

Base Building for Loose Wiles
Loose Wiles Building

Project Number

30.7524.000

CAD File Name

A09-01

Description

EXTERIOR ELEVATIONS - NORTHEAST

Scale

A09.01

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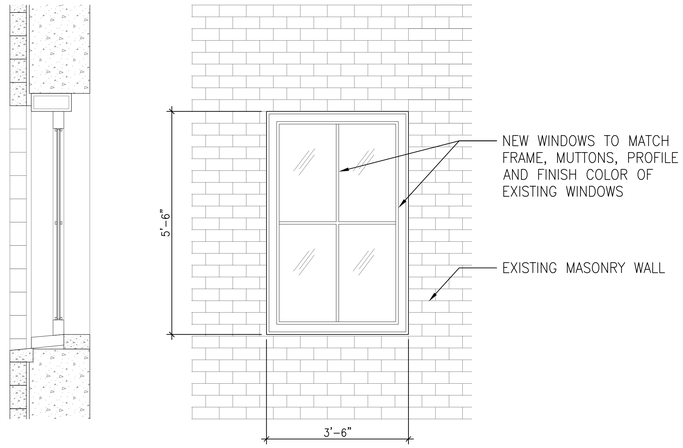
TYPICAL WINDOW STYLE

EXISTING WINDOW TO BE
MATCHED ON WEST ELEVATION

03 TYPICAL WINDOW - IMAGES
SCALE: NO SCALE



02 ELEV LOBBY WINDOW SECTION AND ELEVATION
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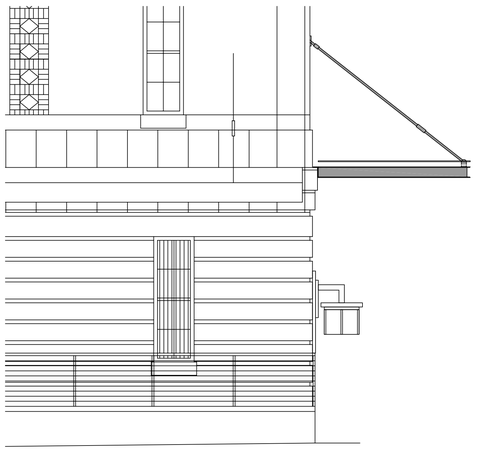
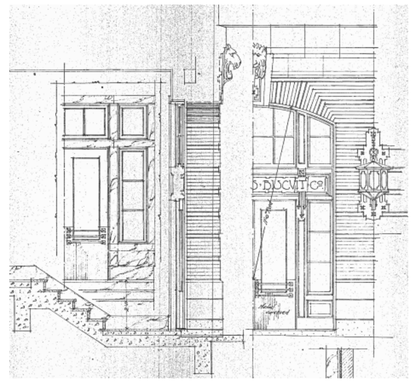


IMAGE SHOWING EXTERIOR LANTERNS



ORIGINAL HAND DRAWINGS SHOWING
MULLION AND MUTTON ARRANGEMENT

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

01 EXTERIOR ELEVATION - WASHINGTON AVE ENTRY
SCALE: 1/4" = 1'-0"

FILE: Q:\30.7524.000\CAD\SHEETS\A09-05.DWG DATE: 05.15.2013

Loose Wiles Building

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	01	01/02/2013	AW	AW
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		ISSUE FOR BID		
	03	03/12/2013	AW	AW
		ADDENDUM #01		
	04	03/15/2013	AW	MS
		ISSUE FOR PERMIT		
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		ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A09-05

Description
EXTERIOR ELEVATION - WASHINGTON AVENUE ENTRY

Scale

A09.05

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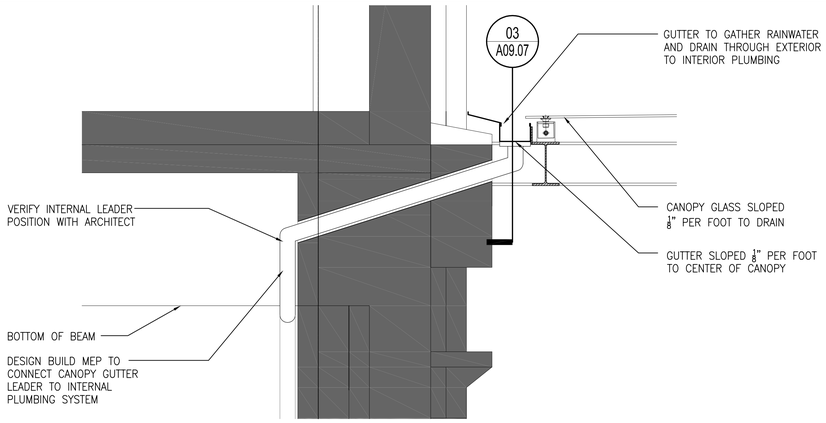
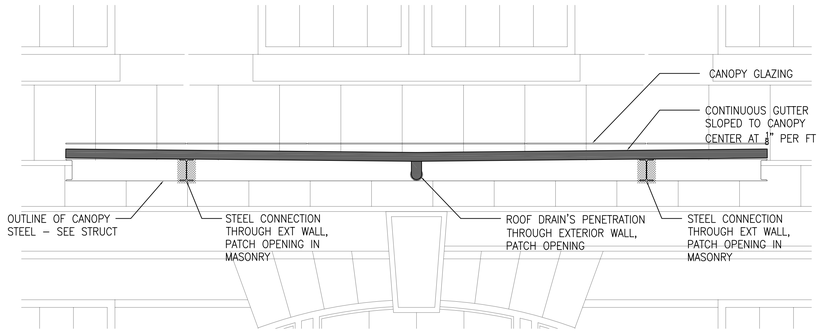
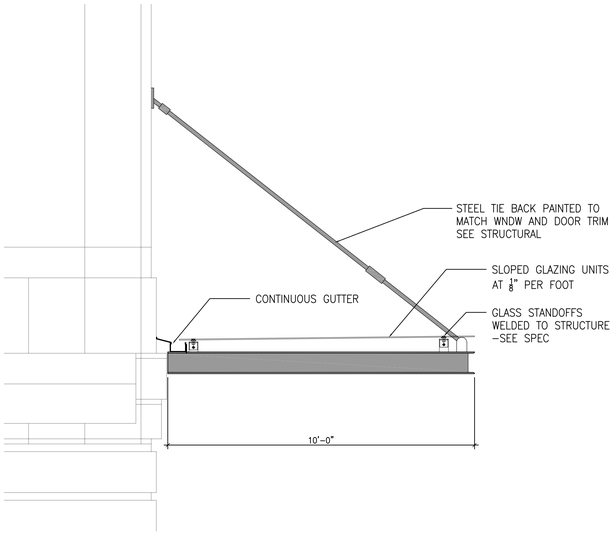
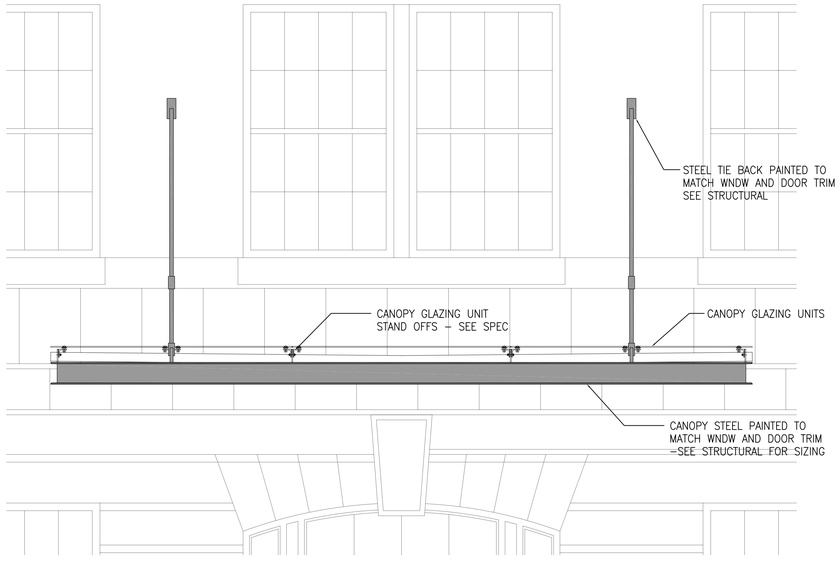




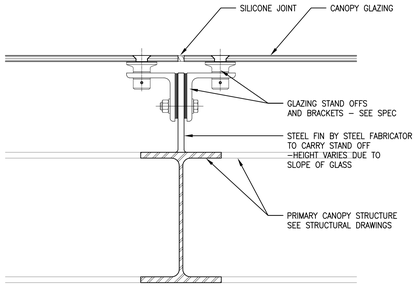
06 WASHINGTON AVE CANOPY
SCALE: 1" = 1'-0"



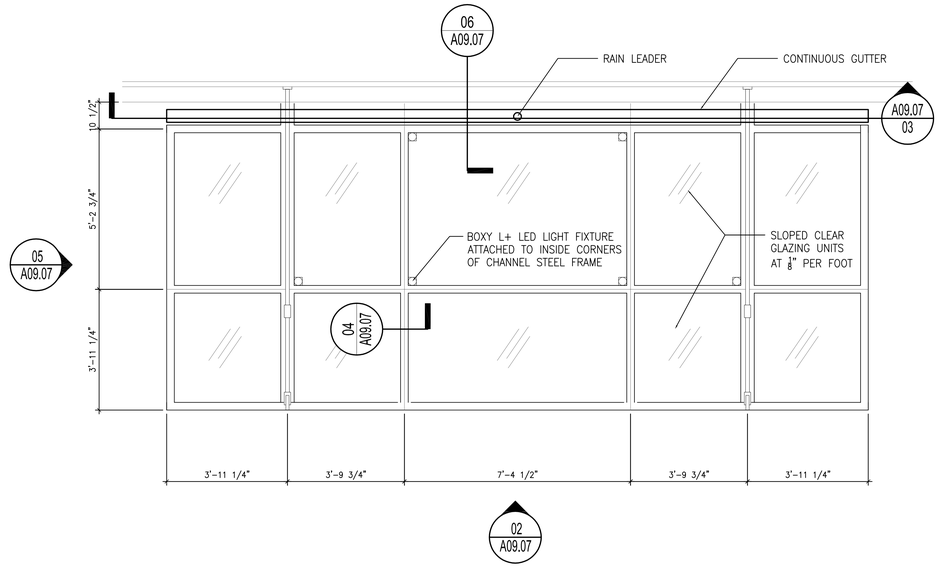
03 WASHINGTON AVE SECTION AT EXTERIOR WALL
SCALE: 1/2" = 1'-0"



05 WASHINGTON AVE CANOPY SIDE ELEVATION
SCALE: 1/2" = 1'-0"



02 WASHINGTON AVE CANOPY ELEVATION
SCALE: 1/2" = 1'-0"



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04 WASHINGTON AVE CANOPY DETAIL
SCALE: 3" = 1'-0"

01 WASHINGTON AVE CANOPY - PLAN VIEW
SCALE: 1/2" = 1'-0"

FILE: Q:\30.7524.000\CAD\SHEETS\A09-07.DWG DATE: 04.03.2013

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	ADDENDUM #01		
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05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

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Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A09-07

Description
WASHINGTON AVENUE CANOPY

Scale

A09.07

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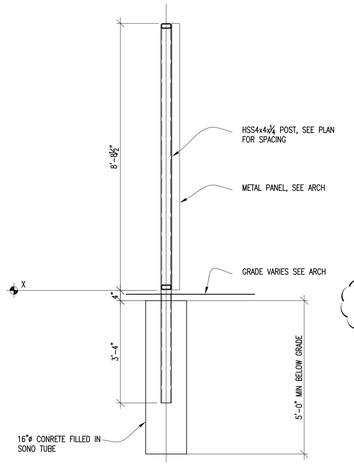

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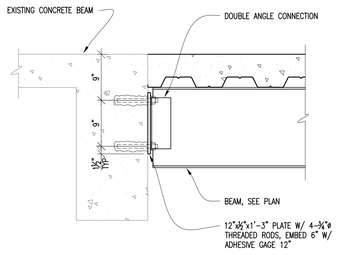
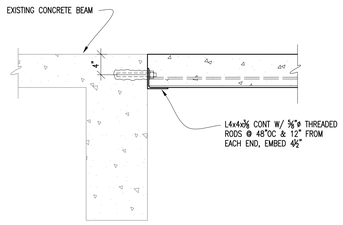


2 SECTION



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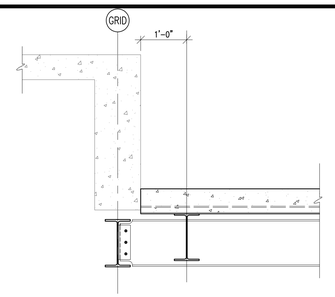

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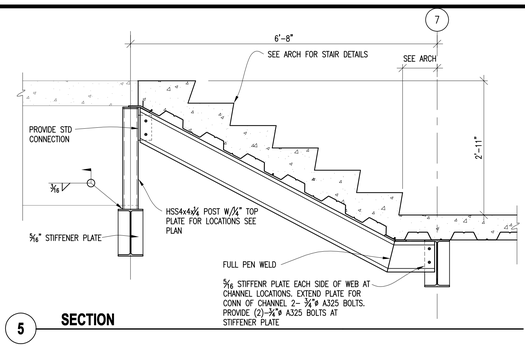

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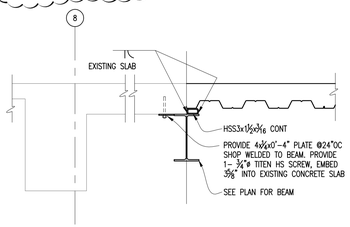

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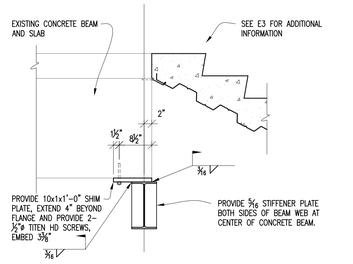
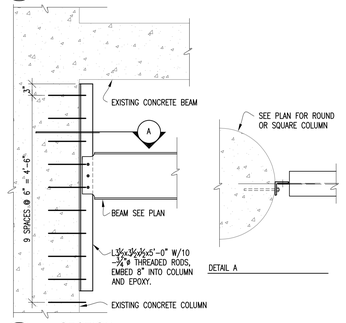


7 SECTION



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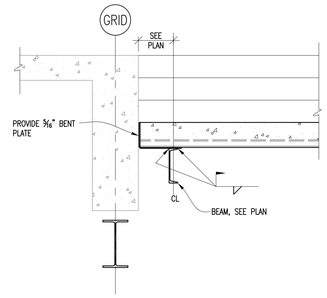

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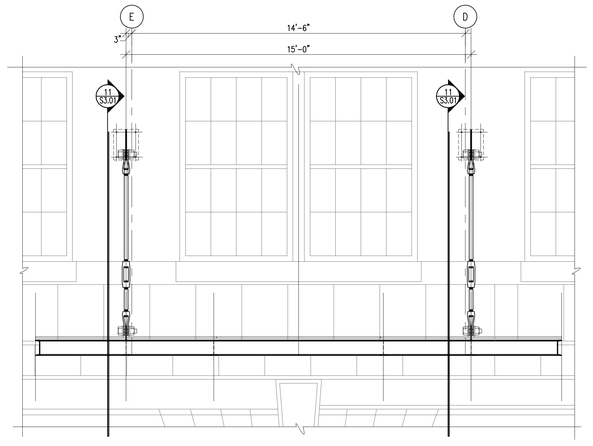
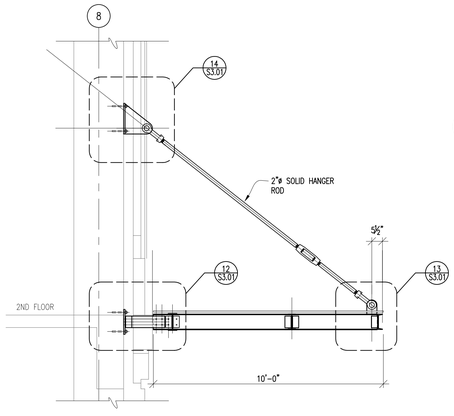
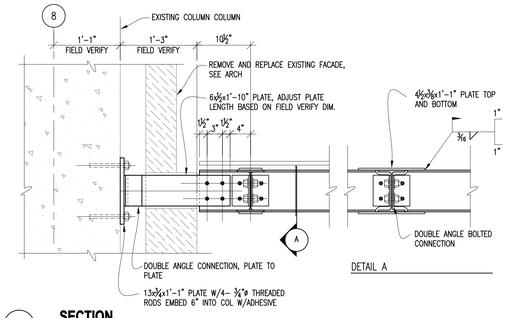


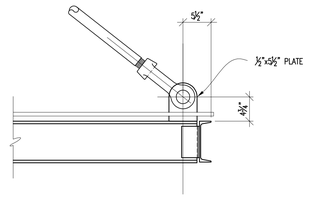
10 SECTION



11 SECTION



12 SECTION



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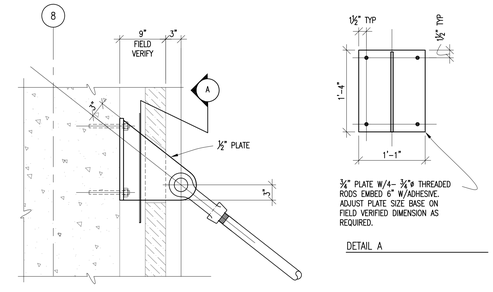
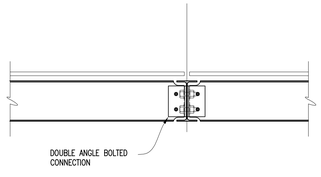


14 SECTION



15 SECTION

FILE: F:\13\13150\DRAWINGS\STRUCTURAL\PLOT 13150.DWG DATE: 03.11.2013

Loose Wiles Building

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BKBM Project No. 13150.00

Issue	Date & Issue Description	By	Check
01	1/02/2013	CAC	AMR/AR
	ISSUE FOR HISTORICAL REVIEW AND BIDDING		
02	2/12/2013	CAC	AMR/AR
	HISTORICAL REVIEW		
03	3/11/2013	CAC	AMR/AR
	ISSUE FOR BID		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000
CAD File Name

Description
SECTIONS AND DETAILS

Scale

S3.01

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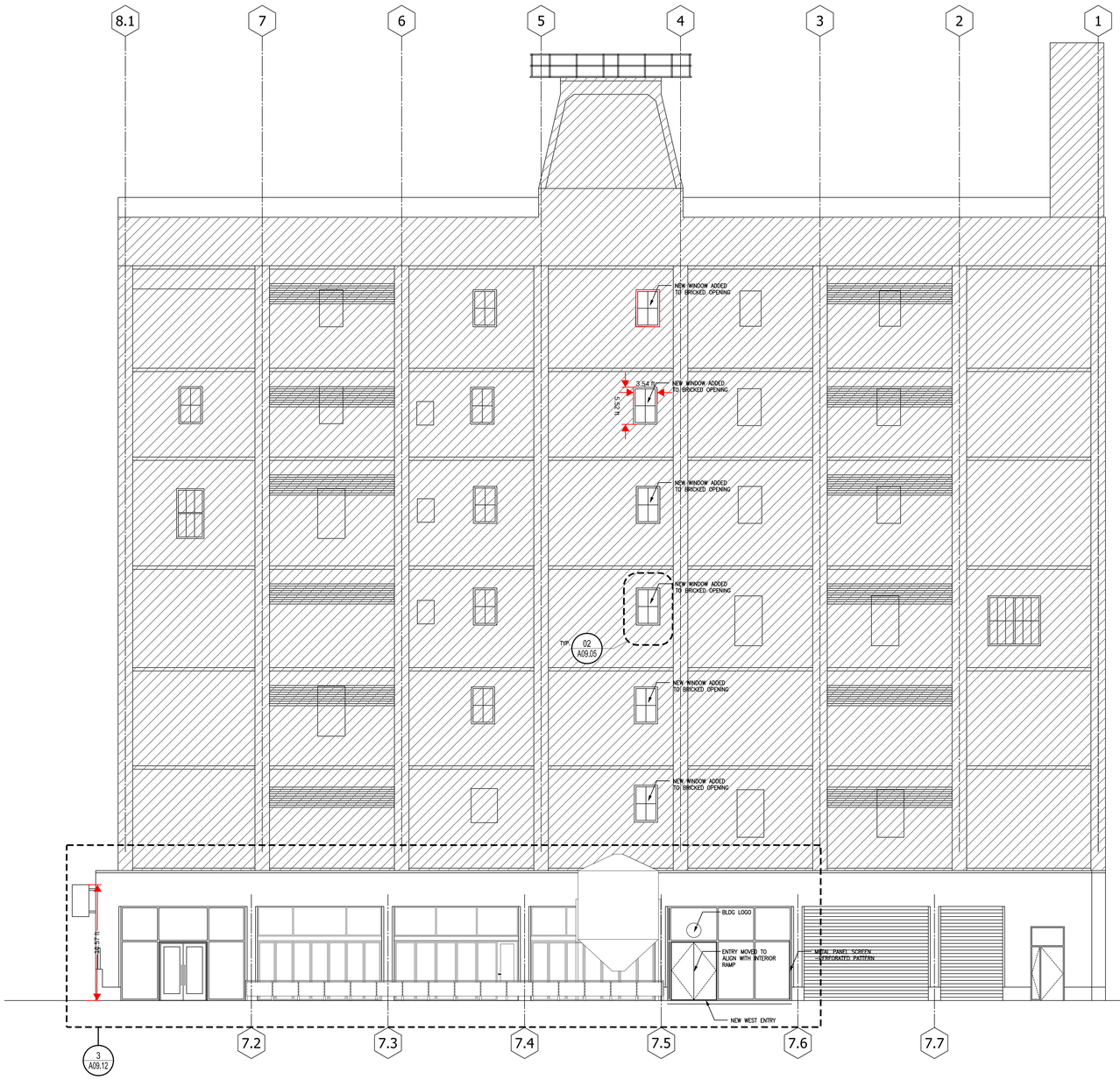

EXTERIOR ELEVATION - NORTH WEST

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

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

FILE: O:\30.7524.000\CAD\SHEETS\A09-02.DWG DATE: 04.10.2013

Loose Wiles Building

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Issue	Date & Issue Description	By	Check
01	01/02/2013	AW	AW
	ISSUE FOR BID AND HISTORICAL REVIEW		
02	03/07/2013	AW	AW
	ISSUE FOR BID		
03	03/12/2013	AW	AW
	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A09-02

Description
EXTERIOR ELEVATION - NORTH WEST

Scale

A09.02

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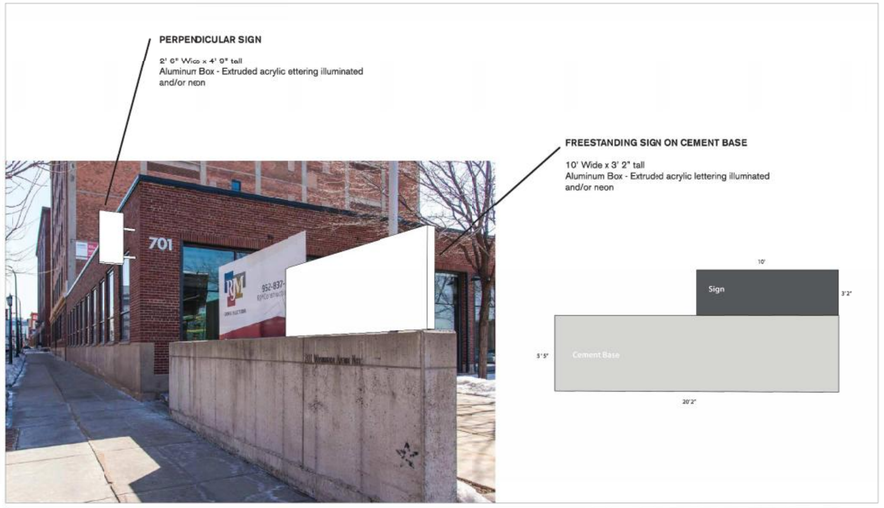
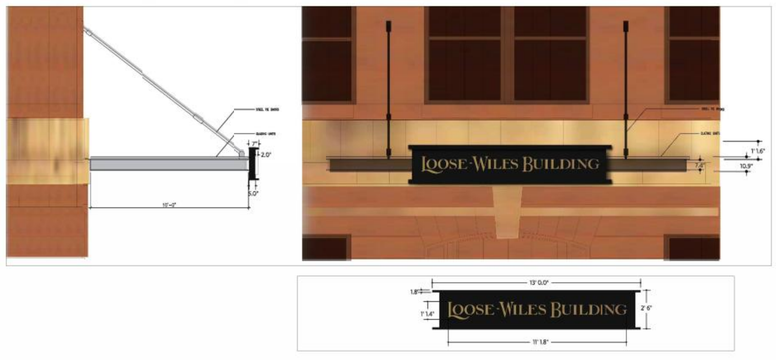
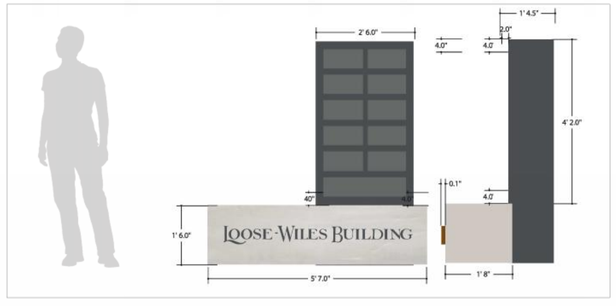


EXTERIOR PROPOSED RESTAURANT SIGNAGE SCOPE 11
SCALE: NO SCALE

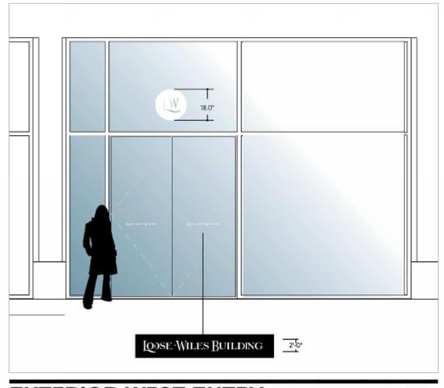


EXTERIOR CANOPY SIGNAGE NORTH ENTRY 10
SCALE: NO SCALE

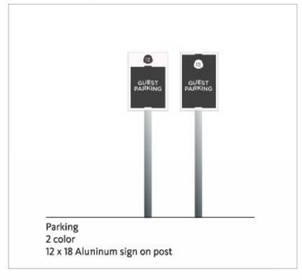


EXTERIOR MONUMENT 04
SCALE: NO SCALE

EXTERIOR NORTH ENTRY 03
SCALE: NO SCALE



EXTERIOR WEST ENTRY 02
SCALE: NO SCALE



EXTERIOR PARKING SIGNAGE 01
SCALE: NO SCALE

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FILE: Q:\30.7524.000\CAD\SHEETS\A00-03.DWG DATE: 05.01.2013

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	01	01/02/2013	AW	AW
		ISSUE FOR BID AND HISTORICAL REVIEW		
	02	03/07/2013	AW	AW
		ISSUE FOR BID		
	03	03/12/2013	AW	AW
		ADDENDUM #01		
	04	03/15/2013	AW	MS
		ISSUE FOR PERMIT		
	05	04/03/2013	AW	AW
		ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A00-03

Description
SIGNAGE - FOR REFERENCE ONLY

Scale

Plan North

True North

A00.03

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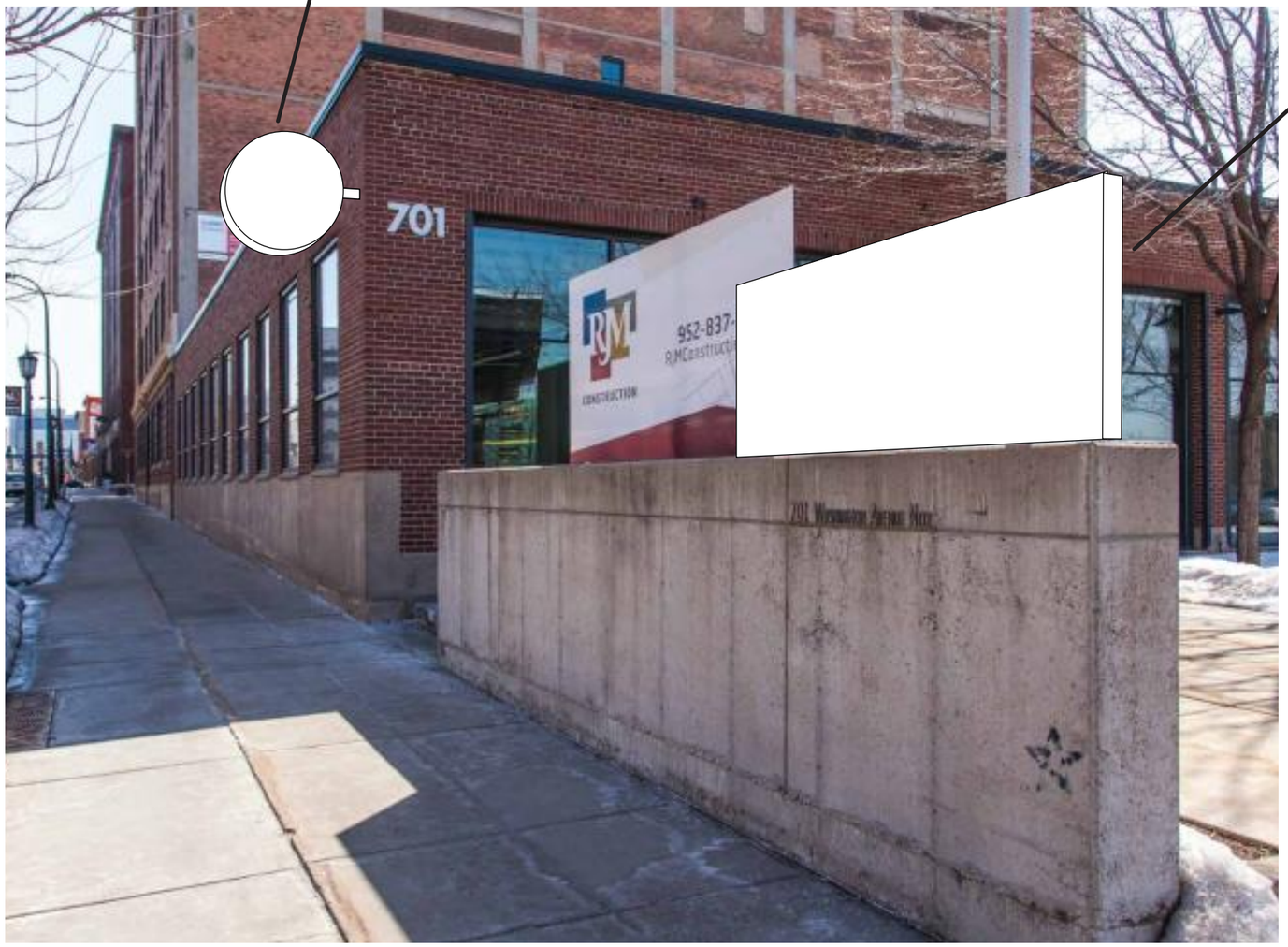
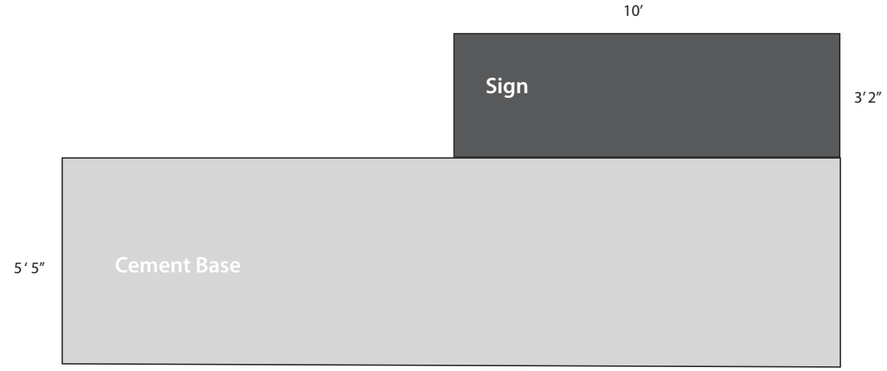
BLADE SIGN

4’ diameter circular sign
Aluminum Box - Extruded acrylic lettering illuminated
12” deep



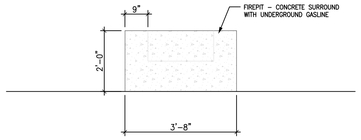
FREESTANDING SIGN ON CEMENT BASE

10’ Wide x 3’ 2” tall
Aluminum Box - Extruded acrylic lettering illuminated
and/or neon

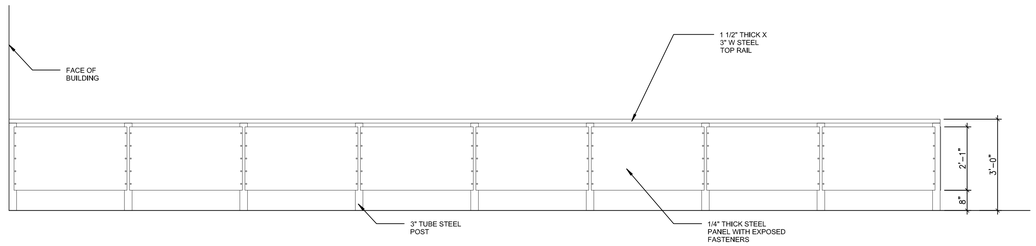


BOLSTER

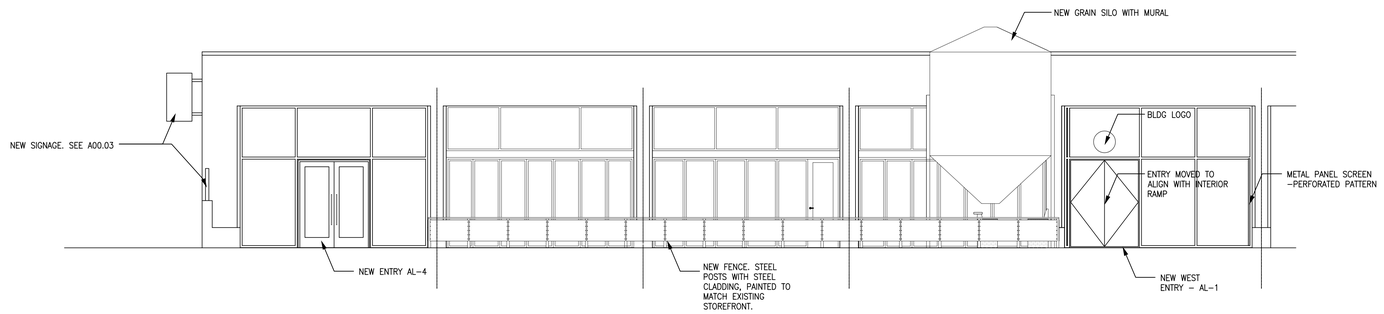
Loose Wiles
701
Loose Wiles
BREAKFAST TO BEER
FREEHOUSE
MPLS X MINN



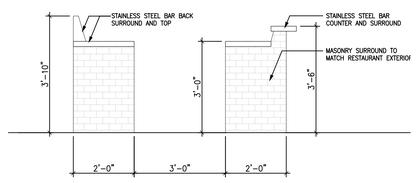
07 GAS FIREPIT ELEVATION
SCALE: 1/2" = 1'-0"



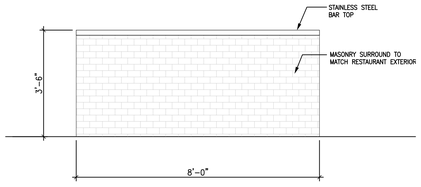
06 PATIO FENCE NORTH ELEVATION
SCALE: 1/2" = 1'-0"



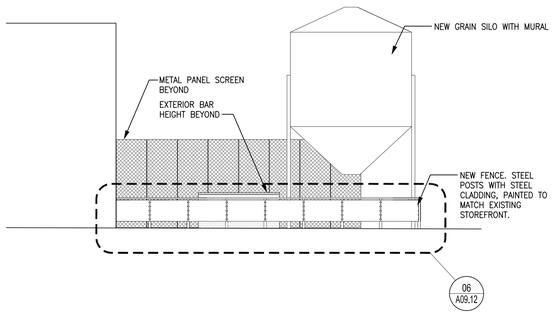
03 NORTH ELEVATION - PATIO
SCALE: 3/16" = 1'-0"



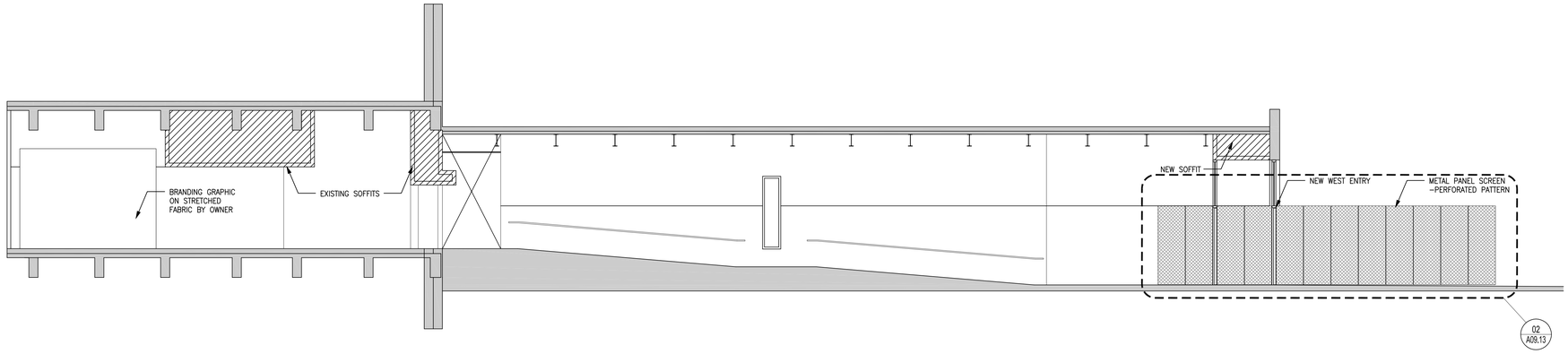
05 PATIO BAR SIDE ELEVATION
SCALE: 1/2" = 1'-0"



04 PATIO BAR FRONT ELEVATION
SCALE: 1/2" = 1'-0"



02 EAST ELEVATION - PATIO
SCALE: 3/16" = 1'-0"



01 SECTION - RAMP @ WEST ENTRANCE
SCALE: 3/16" = 1'-0"

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

FILE: Q:\30.7524.000\CAD\SHEETS\A09-12.DWG DATE: 05.15.2013

Loose Wiles Building

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Minneapolis, Minnesota 55401

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△ Issue	Date & Issue Description	By	Check
01	01/02/2013	AW	AW
	ISSUE FOR BID AND HISTORICAL REVIEW		
02	03/07/2013	AW	AW
	ISSUE FOR BID		
03	03/12/2013	AW	AW
	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A09-12

Description
BUILDING SECTION - RAMP @ WEST ENTRANCE

Scale

A09.12

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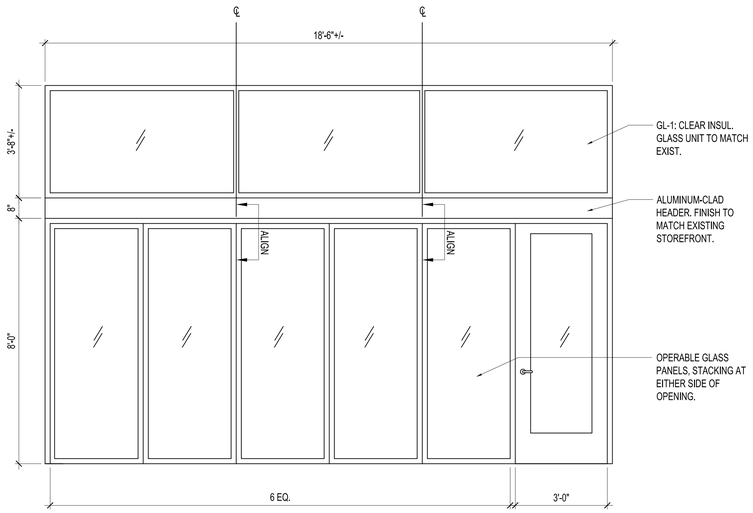
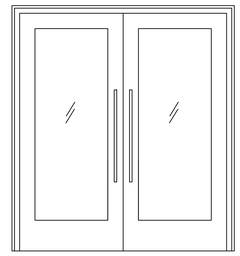
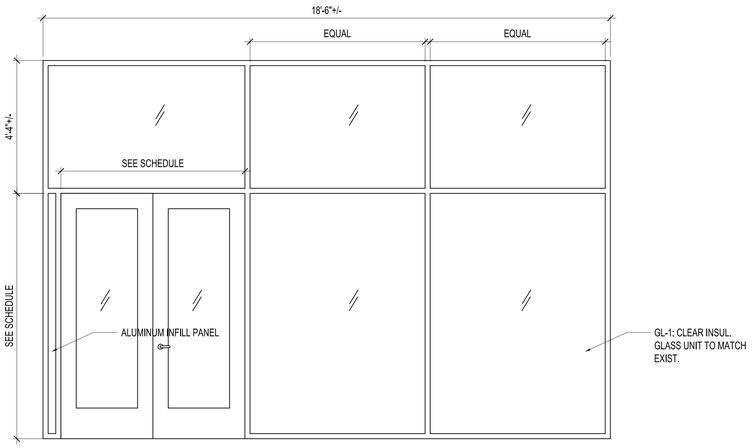


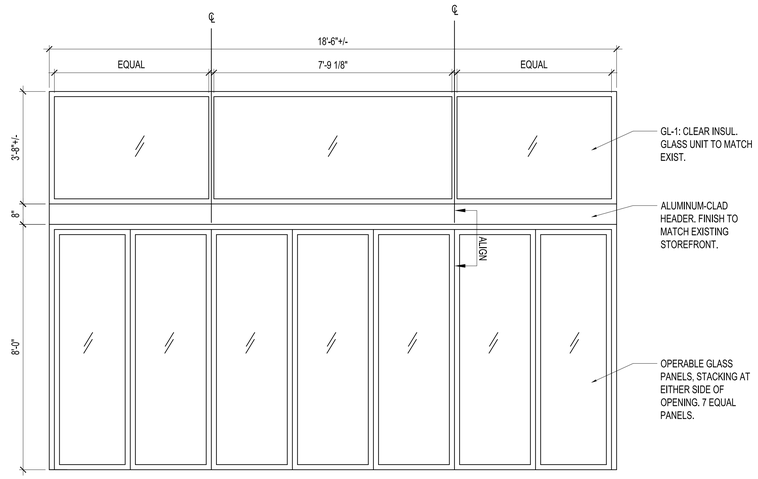
FRAME TYPE 'AL-3'
2" ALUMINUM STOREFRONT FRAME
WITH SIDELIGHTS AND TRANSOM
ALUM FRAME PROFILE TO MATCH EXTG



FRAME TYPE 'AL-4'
2" ALUMINUM STOREFRONT FRAME IN
EXISTING PORTAL
ALUMINUM DOOR WITH GLASS INSERT
ALUM FRAME PROFILE TO MATCH EXTG



FRAME TYPE 'AL-1'
2" ALUMINUM STOREFRONT FRAME
WITH SIDELIGHTS AND TRANSOM
ALUMINUM DOOR WITH GLASS INSERT
ALUM FRAME PROFILE TO MATCH EXTG



FRAME TYPE 'AL-2'
2" ALUMINUM STOREFRONT FRAME
WITH SIDELIGHTS AND TRANSOM
ALUM FRAME PROFILE TO MATCH EXTG

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

DOOR FRAME TYPES
SCALE: 1/2" = 1'-0"

1

FILE: Q:\30.7524.000\CAD\SHEETS\A00-31.DWG DATE: 04.10.2013

Loose Wiles Building

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	ISSUE FOR BID		
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	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A00-31

Description
DOOR AND FRAME TYPES

Scale

Plan North

True North

A00.31

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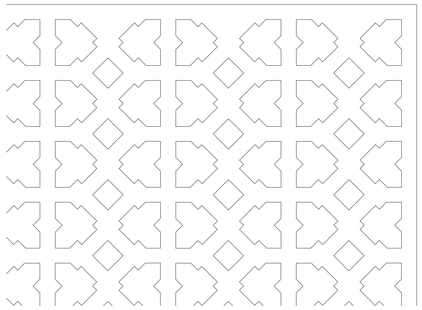
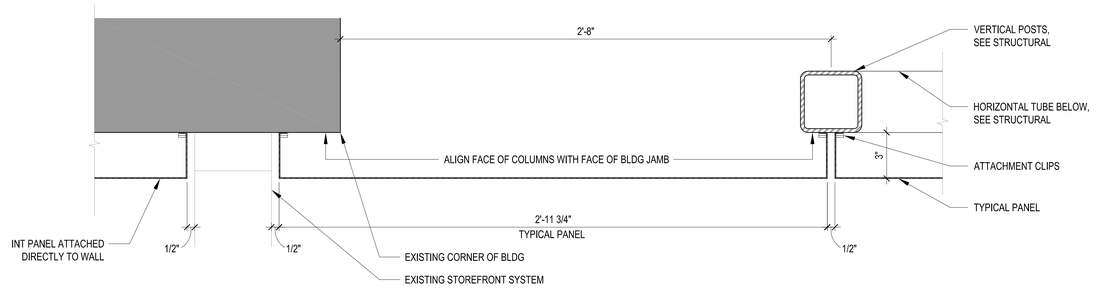
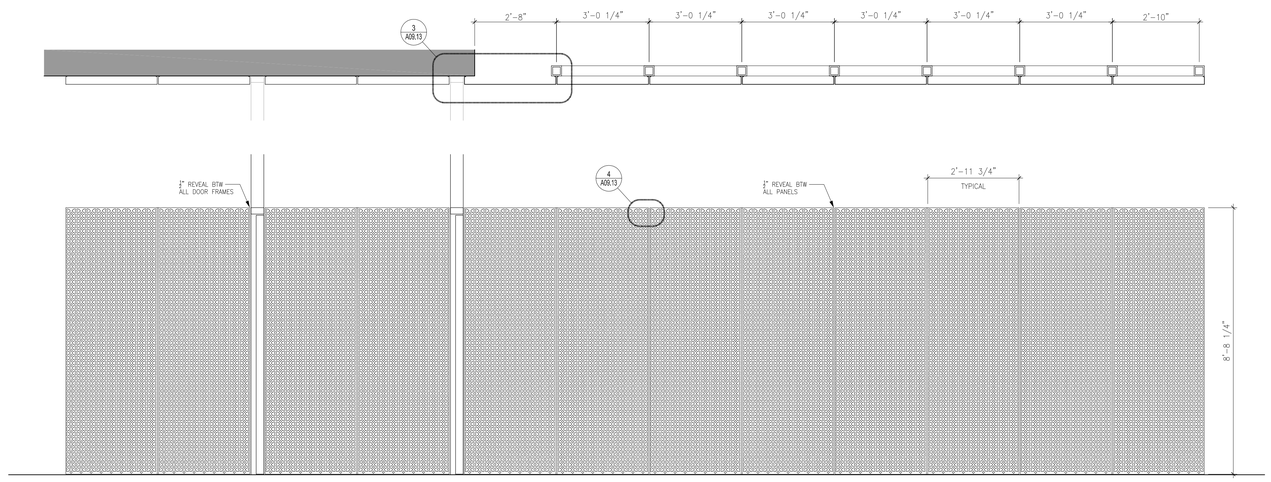




04 DETAIL - PERFORATED PATTERN
SCALE: 6" = 1'-0"

03 PLAN DETAIL - PERFORATED METAL SCREEN
SCALE: 3" = 1'-0"



02 PLAN AND ELEVATION - PERFORATED METAL SCREEN @ WEST ENTRY (INT AND EXT)
SCALE: 1/2" = 1'-0"

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

FILE: Q:\30.7524.000\CAD\SHEETS\A09-13.DWG DATE: 04.03.2013

Loose Wiles Building

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	ISSUE FOR BID AND HISTORICAL REVIEW		
02	03/07/2013	AW	AW
	ISSUE FOR BID		
03	03/12/2013	AW	AW
	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A09-13

Description
PERFORATED METAL SCREEN DETAILS

Scale

A09.13

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ARMSTRONG SUBMITTAL

Model: 4030-6x5x10-20 hp
Type : HORZ

Project # :352367.1 rev1
Submittal

Project Number: 352367.1.1		**Representative:** Walters-Climate, Inc.	
Name: Loose Wiles			
Reference:	352367.1.1	Phone: , Fax:	
Location:	Mpls MN	**Order No:** 9750	**Date:** 2/22/2013
Engineer:		**Submitted by:** Steve Mountin	**Date:** 4/11/2013
Contractor:		**Approved by:**	**Date:**

PUMP DESIGN DATA

Tag Num	PCWP-1
Service	Primary Chilled Water
Location	
Qty	1
Duty Flow / Pump	945 USgpm
Duty Head	60 ft
Pipe Orientation	Single
Pump Run Qty	1
Suction Pressure	0 ft
Fluid:Percent	Water
Op Temp	60 F
Viscosity	31 SSU
Specific Gravity	1.0000
Suction (inches)	6
Discharge (inches)	5

MOTOR DESIGN DATA

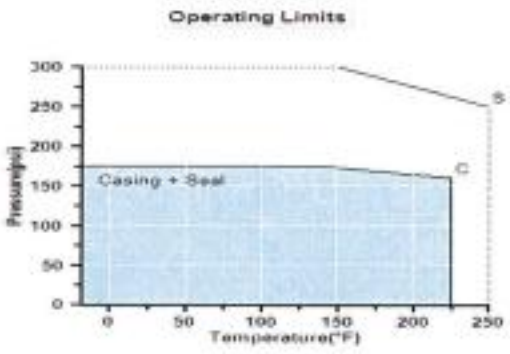
Motor Supplier	Factory Choice
Motor Size	20 hp
Mtr Frame Num.	256T
Motor Enclosure	TEFC
Power Supply	460/3/60
Insulation Classes	Class F Insulation
Inverter Motor Type	Inverter Ready
Motor RPM	1800
Motor Efficiency	NEMA Prem (12.12) 93%

MATERIALS OF CONSTRUCTION

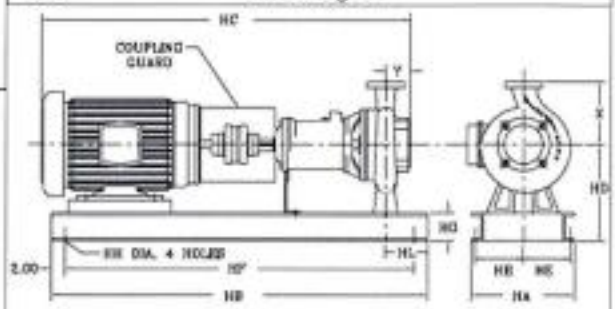
Construction	BF
Rating	ANSI-125
Casing (Volute)	Cast Iron (A48-30)
Impeller	Bronze (B584-844)
Shaft Sleeve	304 SS
Flexible Couplings	Woods Duraflex Coupling
Pump Shaft	Carbon Steel
Casing Gasket	Confined Non-Asbestos Fiber
Bearings	Anti-Friction Grease Lubricated
Size	6x5x10

MECHANICAL SEAL DESIGN DATA

Manufacturer	Armstrong
Seal Type	Inside Single-Spring
Manu. Code	C-sc L EPSS 2A
Rotating Face	Resin Bonded Carbon
Stationary Seat	Silicon Carbide
Secondary Seal	EPDM
Springs	Stainless Steel
Rotating Hardware	Stainless Steel
Fluid Type	Non-Potable Fluid
Seat Elastomer	EPDM (L-Cup)
Seal	Armstrong 2A



Pump casings are hydrostatically tested to 150% of maximum pump working pressure

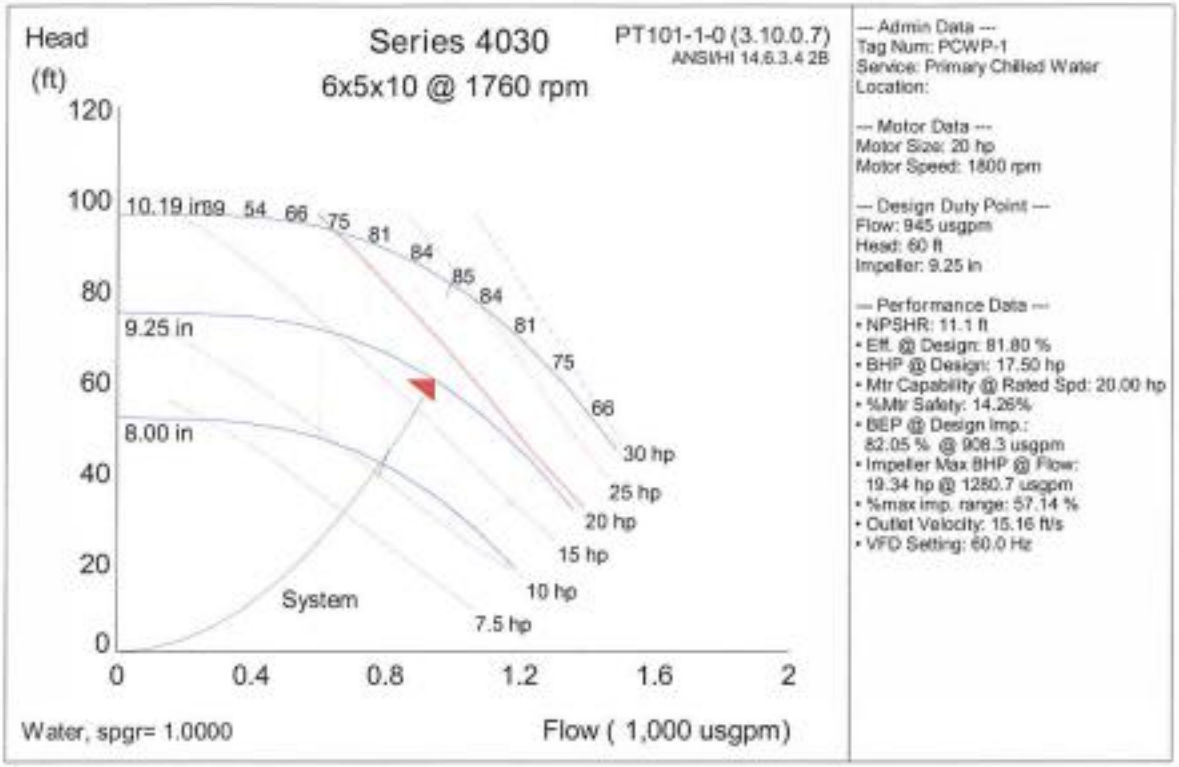


DIMENSIONAL DATA (ft, lb) NOT for CONSTRUCTION

HA	HB	HC	HD	HE	HF	HG	HH	HL	HP	X	Y	Weight
1.33	3.75	3.64	1.08	0.62	3.42	0.25	0.06	0.38	0.38	1.04	0.33	440

ARMSTRONG SUBMITTAL

Model: 4030-6x5x10-20 hp
Type : HORZ

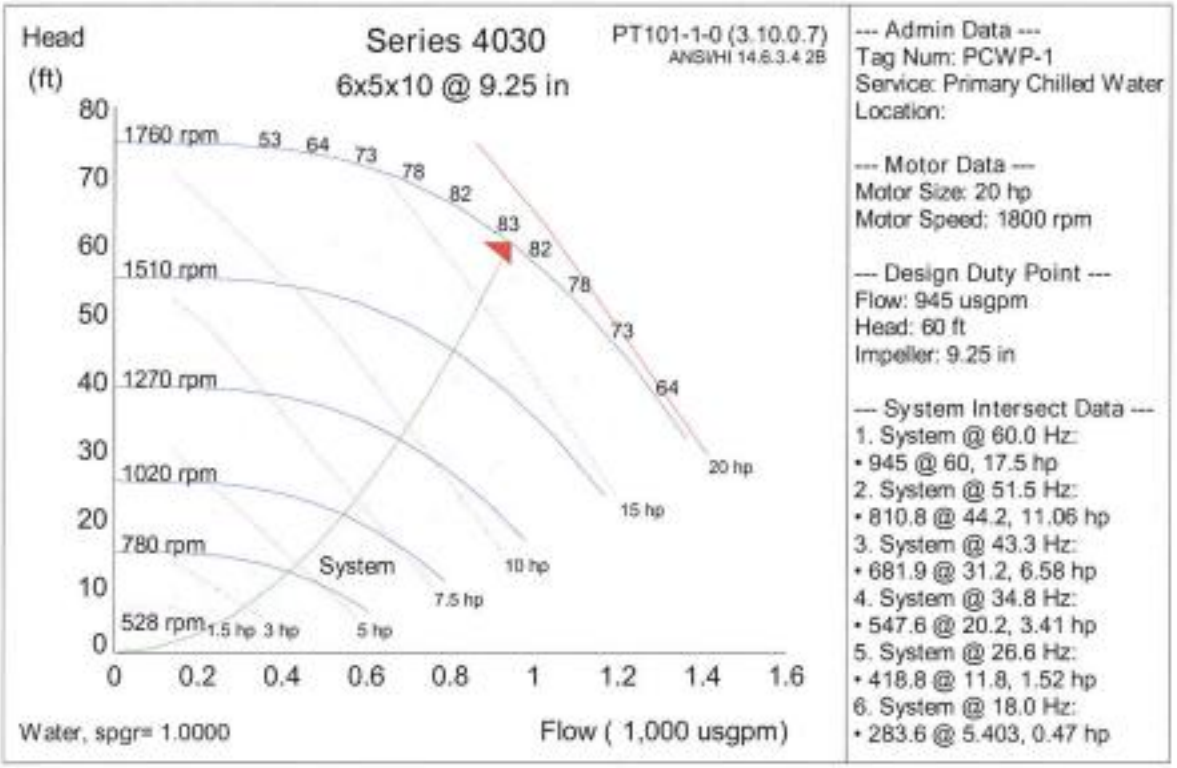


--- Admin Data ---
Tag Num: PCWP-1
Service: Primary Chilled Water
Location:

--- Motor Data ---
Motor Size: 20 hp
Motor Speed: 1800 rpm

--- Design Duty Point ---
Flow: 945 usgpm
Head: 60 ft
Impeller: 9.25 in

--- Performance Data ---
- NPSHR: 11.1 ft
- Eff. @ Design: 81.80 %
- BHP @ Design: 17.50 hp
- Mtr Capability @ Rated Spd: 20.00 hp
- %Mtr Safety: 14.26%
- BEP @ Design Imp.: 82.05 % @ 908.3 usgpm
- Impeller Max BHP @ Flow: 19.34 hp @ 1280.7 usgpm
- %max imp. range: 57.14 %
- Outlet Velocity: 15.16 ft/s
- VFD Setting: 60.0 Hz



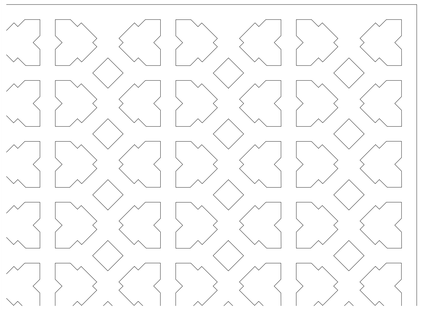
--- Admin Data ---
Tag Num: PCWP-1
Service: Primary Chilled Water
Location:

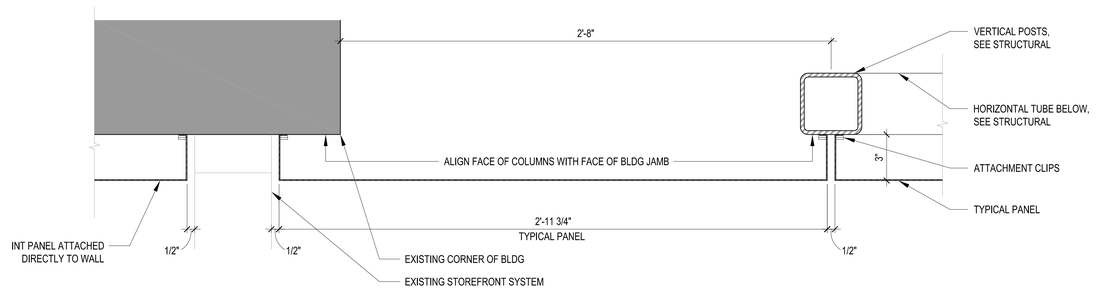
--- Motor Data ---
Motor Size: 20 hp
Motor Speed: 1800 rpm

--- Design Duty Point ---
Flow: 945 usgpm
Head: 60 ft
Impeller: 9.25 in

--- System Intersect Data ---
1. System @ 60.0 Hz:
- 945 @ 60, 17.5 hp
2. System @ 51.5 Hz:
- 810.8 @ 44.2, 11.06 hp
3. System @ 43.3 Hz:
- 681.9 @ 31.2, 6.58 hp
4. System @ 34.8 Hz:
- 547.6 @ 20.2, 3.41 hp
5. System @ 26.6 Hz:
- 418.8 @ 11.8, 1.52 hp
6. System @ 18.0 Hz:
- 283.6 @ 5.403, 0.47 hp

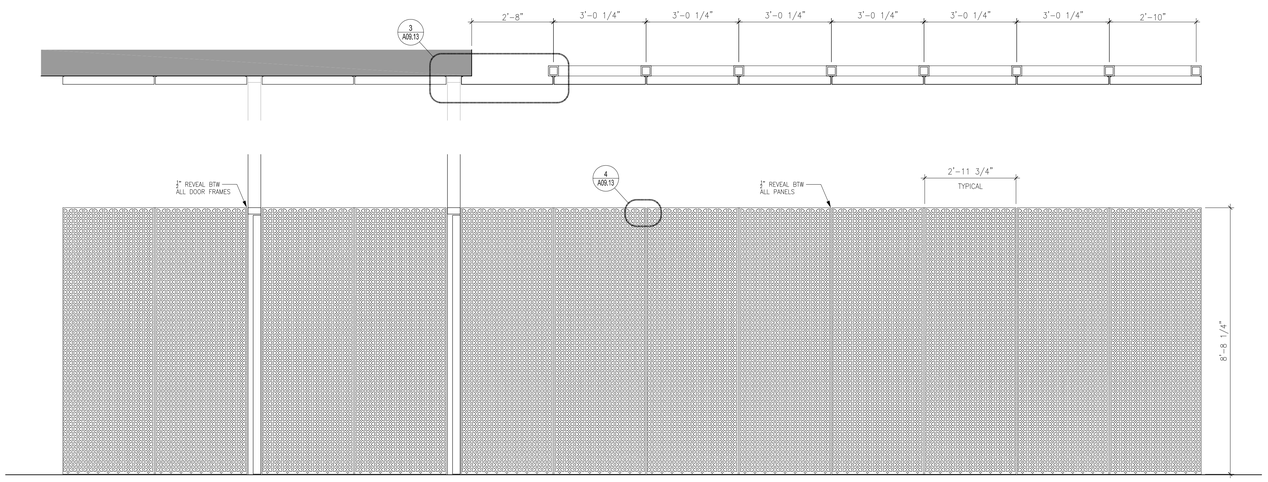
CONNECTION DETAILS (in)						
Connection	**Size**	**Rating**	**OD**	**#Bolts**	**BCD**	**Bolt Size**
Inlet	6	ANSI-125	11	8	9.5	0.75





04 DETAIL - PERFORATED PATTERN
SCALE: 6" = 1'-0"

03 PLAN DETAIL - PERFORATED METAL SCREEN
SCALE: 3" = 1'-0"



02 PLAN AND ELEVATION - PERFORATED METAL SCREEN @ WEST ENTRY (INT AND EXT)
SCALE: 1/2" = 1'-0"

HATCHED AREAS INDICATE SPACES NOT IN THE SCOPE OF THIS PROJECT, UNLESS REQUIRED FOR PROJECT RELATED INFRASTRUCTURE. COORDINATE ALL WORK WITHIN SHADED AREAS WITH BUILDING OWNER PRIOR TO STARTING THE WORK.

FILE: Q:\30.7524.000\CAD\SHEETS\A09-13.DWG DATE: 04.03.2013

Loose Wiles Building

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Issue	Date & Issue Description	By	Check
01	01/02/2013	AW	AW
	ISSUE FOR BID AND HISTORICAL REVIEW		
02	03/07/2013	AW	AW
	ISSUE FOR BID		
03	03/12/2013	AW	AW
	ADDENDUM #01		
04	03/15/2013	AW	MS
	ISSUE FOR PERMIT		
05	04/03/2013	AW	AW
	ISSUE FOR HISTORICAL REVIEW		

Seal/Signature

NOT FOR CONSTRUCTION

Project Name
Base Building for Loose Wiles
Loose Wiles Building

Project Number
30.7524.000

CAD File Name
A09-13

Description
PERFORATED METAL SCREEN DETAILS

Scale

A09.13

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