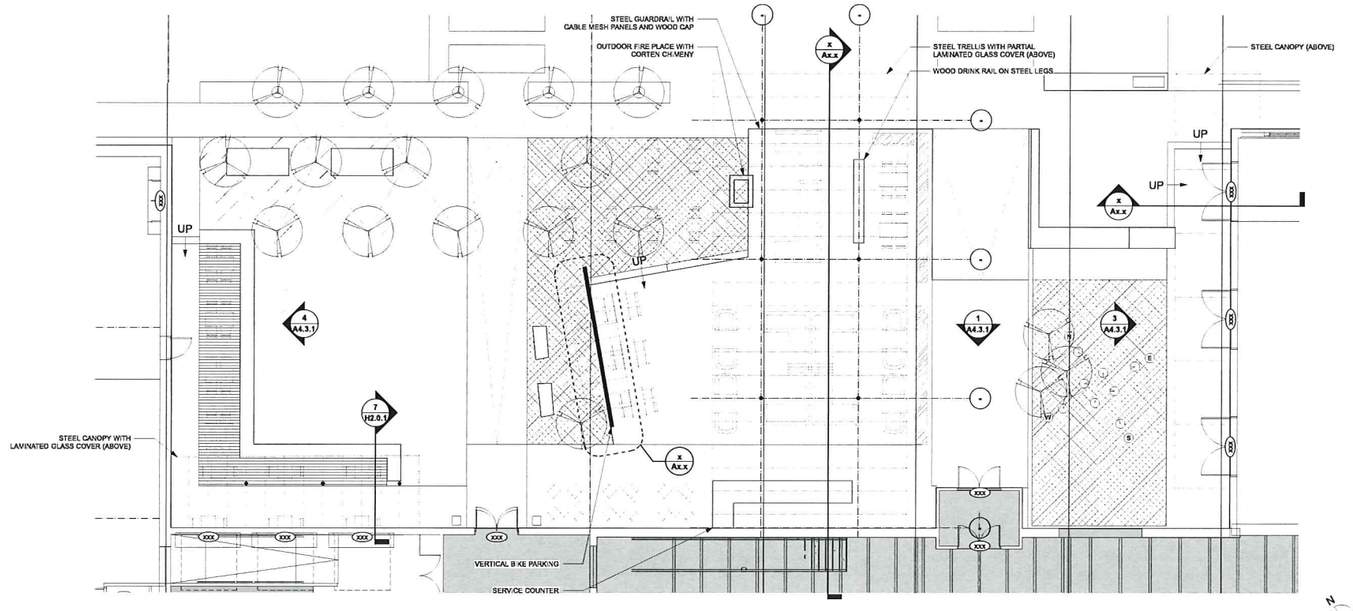

1 ENLARGED SITE PLAN - NORTH COURTYARD
SCALE: 1/8" = 1'-0"

2 NORTH COURTYARD - AERIAL VIEW
SCALE: NOT TO SCALE

3 NORTH COURTYARD - HOSPITALITY ENTRANCE
SCALE: NOT TO SCALE

4 NORTH COURTYARD - LOUNGE
SCALE: NOT TO SCALE

GRAPHIC LEGEND

XXX DOOR TAG

GENERAL SHEET NOTES

A. REFER TO A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWINGS, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS.

B. IMAGES SHOWN ARE FOR REFERENCE ONLY, NOT FOR CONSTRUCTION. REFER TO CONSTRUCTION DOCUMENTS.

REFERENCE KEY NOTES

GARVER FEED MILL
Madison, Wisconsin

3241 GARVER GREEN
MADISON, WI 53704

Owner:
GARVER FEED MILL LLC
1030 W. Chicago Avenue Ste. 200
Chicago, IL 60642

BAUM REVISION
real estate development

SMITHGROUP JJR

KWA

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2016.05.09		

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KEYPLAN

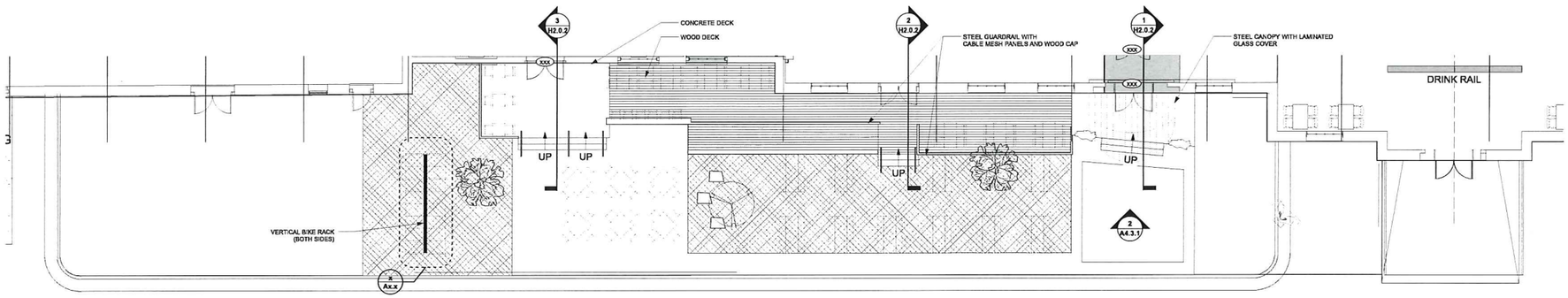
CITY OF MADISON WISCONSIN

SHEET TITLE
ENLARGED SITE PLAN

PROJECT NUMBER 20737.000

SHEET NUMBER H1.0.1

Plot Date:



1 ENLARGED SITE PLAN - SOUTH COURTYARD
SCALE: 1/8" = 1'-0"

N ACTUAL NORTH

N PLAN NORTH

2 SOUTH COURTYARD - AERIAL VIEW
SCALE: NOT TO SCALE

3 SOUTH COURTYARD - PATIO
SCALE: NOT TO SCALE

4 SOUTH COURTYARD - ENTRANCE
SCALE: NOT TO SCALE

GRAPHIC LEGEND

XXX DOOR TAG

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KEYPLAN

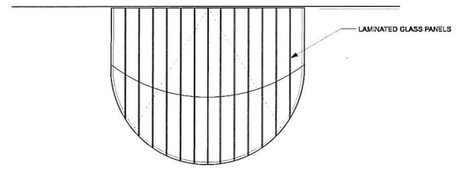
CITY OF MADISON WISCONSIN

SHEET TITLE
ENLARGED SITE PLAN

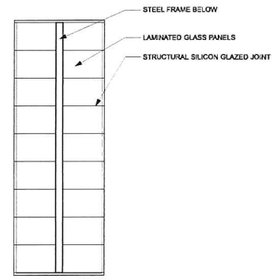
PROJECT NUMBER 20737.000

SHEET NUMBER H1.0.2

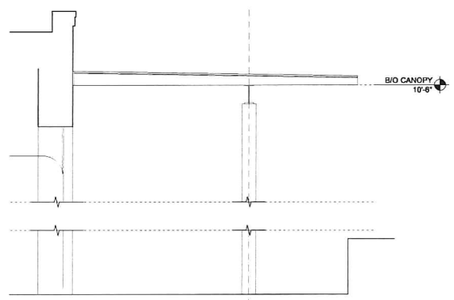
Plot Date:



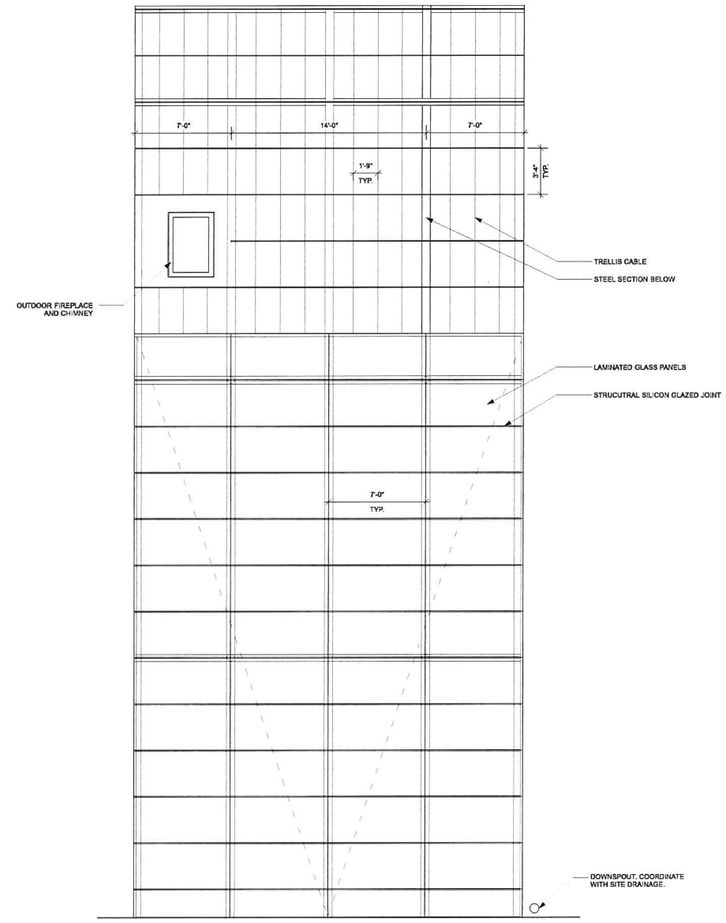
5 ENLARGED ROOF PLAN - SOUTH ENTRY
SCALE: 1/4" = 1'-0"



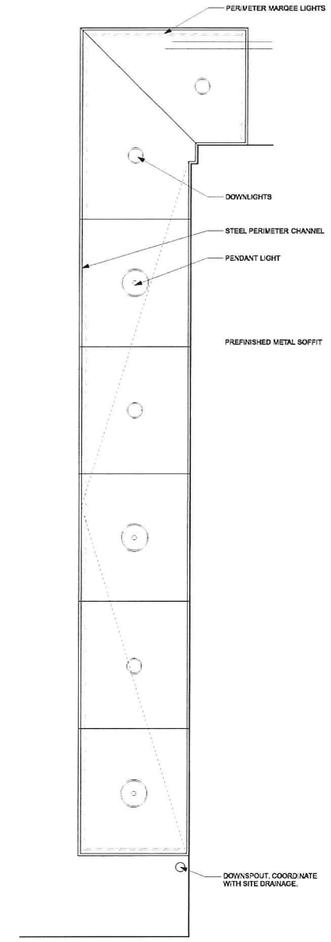
6 ENLARGED ROOF PLAN - VERTICAL BIKE RACK
SCALE: 1/4" = 1'-0"



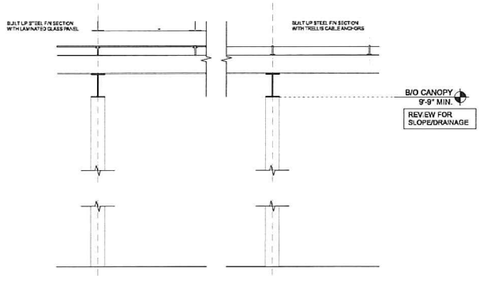
7 CANOPY SECTION - CAFE
SCALE: 1/2" = 1'-0"



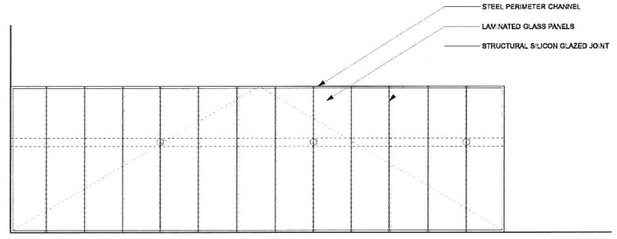
2 ENLARGED TRELLIS ROOF PLAN
SCALE: 1/4" = 1'-0"



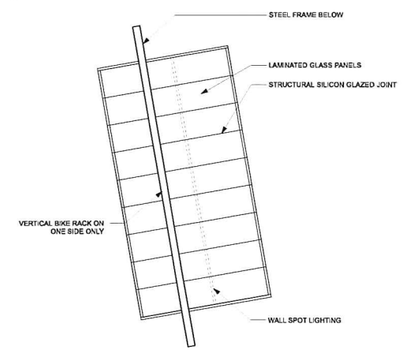
1 ENLARGED ROOF PLAN
SCALE: 1/4" = 1'-0"



8 CANOPY SECTION - TRELLIS
SCALE: 1/2" = 1'-0"



4 ENLARGED ROOF PLAN - CAFE
SCALE: 1/4" = 1'-0"



3 ENLARGED CANOPY PLAN - VERTICAL BIKE RACK
SCALE: 1/4" = 1'-0"

Plot Date:

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SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

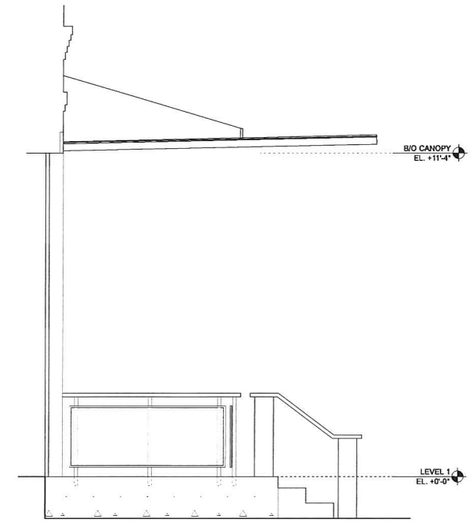
KEYPLAN

CITY OF MADISON WISCONSIN

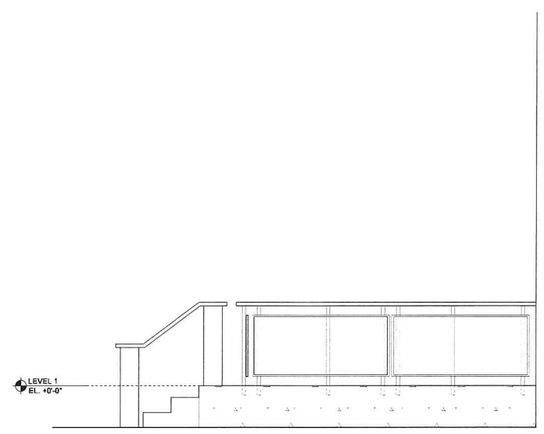
SHEET TITLE
ENLARGED SITE ELEMENTS

PROJECT NUMBER 20737.000

SHEET NUMBER H2.0.1



1 CANOPY SECTION - NORTH ENTRY
SCALE: 1/2" = 1'-0"



3 ENTRANCE SECTION - NORTH
SCALE: 1/2" = 1'-0"

Plot Date:

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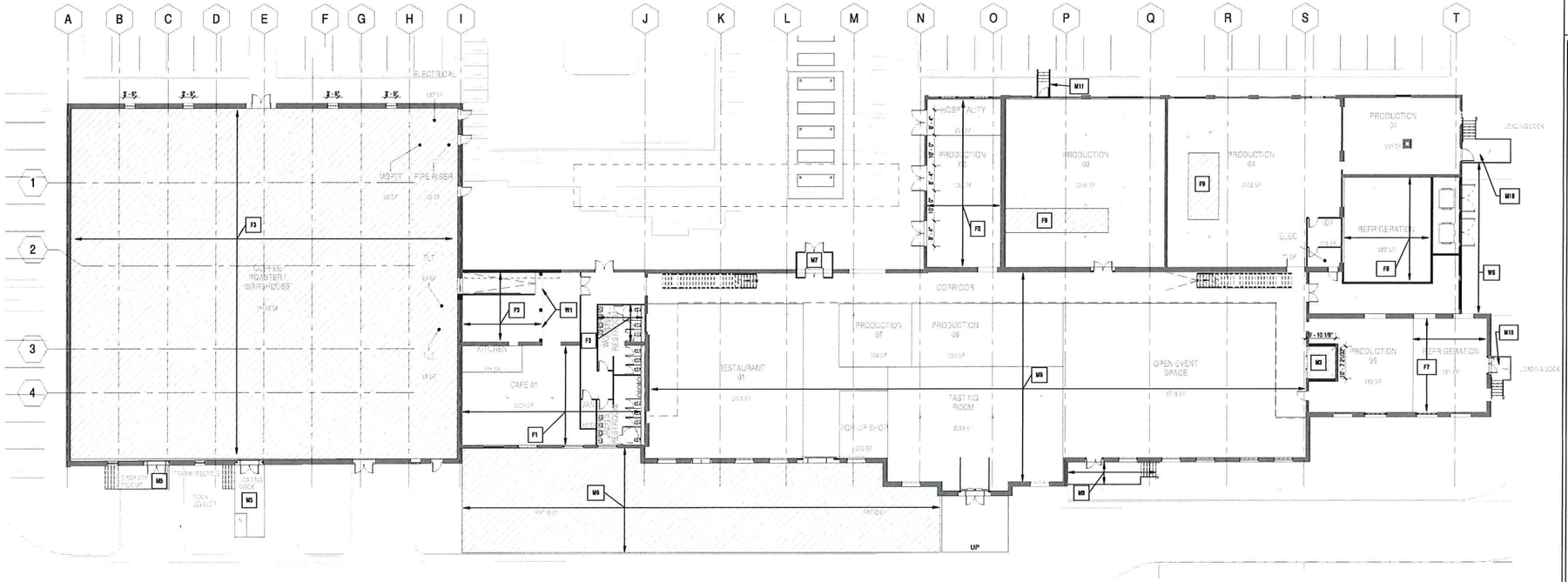
KEYPLAN

CITY OF MADISON WISCONSIN

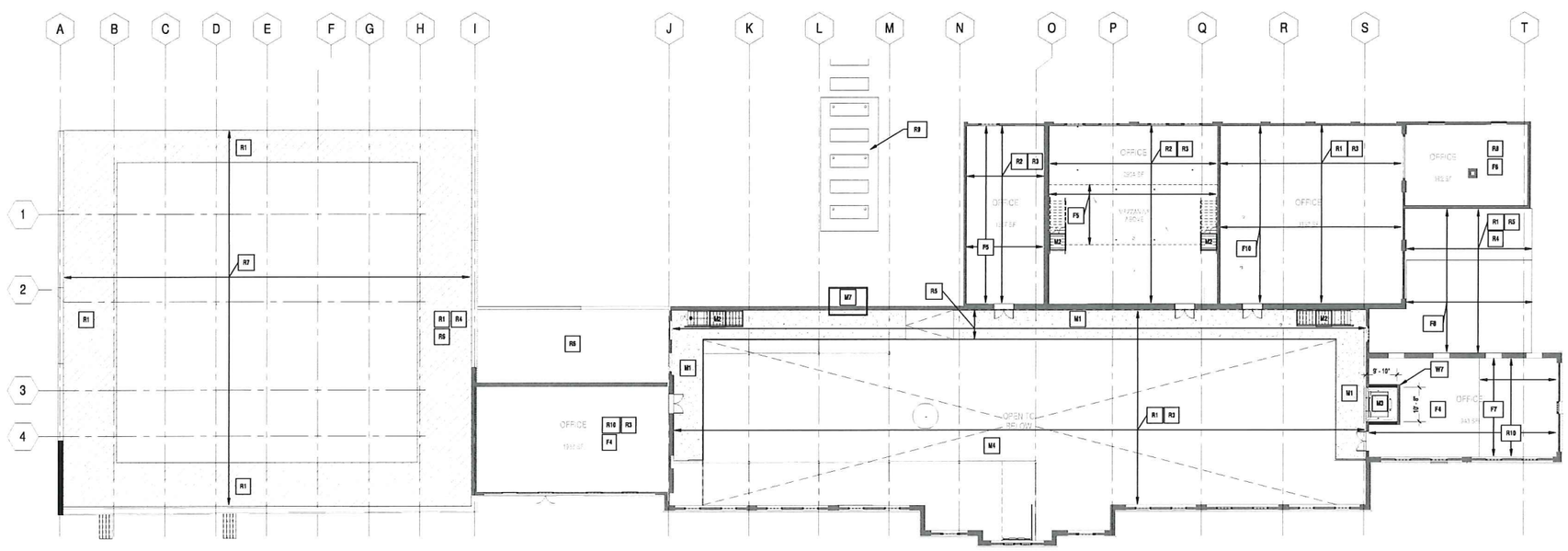
SHEET TITLE
ENLARGED SITE ELEMENTS

20737.000
PROJECT NUMBER

H2.0.2
SHEET NUMBER



1 LEVEL 1 FLOOR PLAN - OVERALL
SCALE: 1/16" = 1'-0"



2 LEVEL 2 FLOOR & ROOF PLAN - OVERALL
SCALE: 1/16" = 1'-0"

STRUCTURAL KEYED NOTES

Roof

R1 Remove and replace existing wood framing with new matching framing and decking.

R2 Remove existing concrete roof with new wood framed roof.

R3 Reinforce and add new solar collectors and frames to roof framing

R4 Reinforce roof and add new mechanical equipment support for RTU's.

R5 New framing and curbs for new skylights.

R6 New supplemental framing required to meet snow drifting requirements.

R7 New beam and column structure to support roof for new column arrangement.

R8 Add new steel channels to existing steel roof trusses; add new wood roof framing.

R9 New structural steel framed canopy roof at entrance.

R10 Repair existing damaged concrete roof.

Walls

W1 New opening with structural steel or brick arch lintels.

W2 Remove infill masonry at window openings to original opening size.

W3 Remove existing CMU walls and place new walls and openings on new foundations to proper frost depth.

W4 New masonry opening at wall.

W5 Infill existing opening at wall.

W6 Down-stack unsafe existing walls and openings; rebuild in kind with existing or sourced similar materials.

W7 Build new brick enclosure for elevator overrun.

Floors

F1 Remove structural floor, core existing pit slabs, fill basement with structural fill; cast new slab on grade at a new, lower elevation.

F2 Drill 4 core holes in bottom of pit. Backfill with engineered fill and provide vapor retarder, new concrete floor lower at new elevation; covered with sleepers for recycled plank wood flooring.

F3 Remove existing slab on grade and replace with new slab on grade.

F4 New opening in existing concrete floor; new steel framed stair with concrete filled pans.

F5 Remove several beams within space and move them to new locations supporting new wood framed floor system. Beams would be set into wood framing depth to protect the headroom within the spaces. Removal of some columns may be possible based on existing configuration and programming.

F6 Remove existing damaged wood floor and replace with a new wood framed wood floor system at a lower elevation.

F7 Slab to be removed and replaced with new slab over insulation to protect from potentially creating permafrost heaving below the slab.

F8 New structural fill, insulation and slab on grade; insulation to protect from potentially creating permafrost heaving below the slab.

F9 Drill 4 core drain holes in bottom of existing pit. Backfill with structural fill, add vapor retarder and cap with new slab on grade.

F10 New structural steel and wood framed floor system to existing walls, new columns & footings.

Miscellaneous

M1 New hanging steel framed mezzanine with concrete infill slab around perimeter supported from trusses and new columns. Edge of mezzanine to be connected to existing wall face.

M2 New stairway, steel framed with concrete filled pans.

M3 New elevator structure; possibly need to underpin existing foundations based on depth of existing footings. Front wall to be brick or CMU masonry.

M4 New column and beam system to support temporary partition.

M5 New structural walls, stair, and slab on grade for truck docks.

M6 New outdoor patio dock framed with concrete retaining walls and paver floor system; new stairs and ADA ramp to be placed to access the patio

M7 New steel framed roof and walls, with concrete foundations for entry vestibule.

M8 Grind slab edges where they may be tripping hazards.

M9 Repair existing concrete stoop, stoop walls and steps.

M10 New concrete dock & foundations.

M11 New steel framed landing, stair & foundations.

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SHEET TITLE
LEVEL 1 & 2 STRUCTURAL FLOOR PLANS - OVERALL

PROJECT NUMBER 20737.000

SHEET NUMBER S2.1.0

Plot Date: 5/9/2016 5:20:29 PM LSD

ARCHITECTURAL ABBREVIATIONS

A

AB	ANCHOR BOLT
ACT	ACOUSTICAL CEILING TILE
ACP	ACOUSTICAL CEILING PANEL
ACS PNL	ACCESS PANEL
AD	AREA DRAIN
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFS	ABOVE FINISH SLAB
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECTURAL
ASPH	ASPHALT
AVG	AVERAGE

B

BB	BULLETIN BOARD
BD	BOARD
BTWN	BETWEEN
BITUM	BITUMINOUS
BLDG	BUILDING
BM	BENCHMARK
BOT	BOTTOM
BOS	BOTTOM OF STEEL
BRG	BEARING
BSMT	BASEMENT
BUR	BUILT UP ROOFING SYSTEM

C

CAB	CABINET
CB	CATCH BASIN
CCR	CARD CONTROL READER
CCT	CUBICLE CURTAIN TRACK
CCTV	CLOSED CIRCUIT TELEVISION
CG	CORNER GUARD
CEM	CEMENT, CEMENTITIOUS
CER	CERAMIC
CH BD	CHALKBOARD
CI	CAST IRON
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRUGATED
CPT	CARPET
CSK	COUNTERSUNK
CSP	COMBINATION STANDPIPE
CSWK	CASEWORK
CT	CERAMIC TILE
CU	CUBIC
CW	COLD WATER

D

D	DEPTH
DBL	DOUBLE
DBL ACT	DOUBLE ACTING
DEG	DEGREE
DEMO	DEMOLISH
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DIM PT	DIMENSION POINT
DISP	DISPENSER
DIST	DISTANCE
DN	DOWN
DR	DRAIN
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DT	DRAPERY TRACK
DWG	DRAWING
DWGS	DRAWINGS

E

(E)	EXISTING
EA	EACH
EDR	EQUIPMENT DRAWING
EG	EDGE GUARD
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EL	ELEVATION
ELAST	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EPB	ELECTRICAL PANEL BOARD
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQL SP	EQUALLY SPACED
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESCAL	ESCALATOR
EST	ESTIMATE(D)
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATED
EXH	EXHAUST
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR

F

F/F	FACE TO FACE
FA	FIRE ALARM
FAS	FIRE ALARM STATION
FB	FLAT BAR
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
FF	FINISH FACE
FHC	FIRE HOSE CABINET
FH/FEC	FIRE HOSE / FIRE EXTINGUISHER CABINET
FHWS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FHY	FIRE HYDRANT
FLAM	FLAMMABLE
FLASH	FLASHING
FLEX	FLEXIBLE
FLUOR	FLUORESCENT
FO	FACE OF
FSB	FOLDING SHOWER BENCH
FSTNR	FASTENER
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FXTR	FIXTURE

G

G	GAS
GA	GAUGE, GAGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GLU LAM	GLUE LAMINATED
GLZ	GLAZING
GR	GRADE OR GRADING
GVL	GRAVEL
GYP	GYPSUM
GYP BD	GYPSUM BOARD
GYP PLAS	GYPSUM PLASTER

H

H	HIGH
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HEAD
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HPT	HIGH POINT
HR	HOUR
HVAC	HEATING-VENTILATION-AIR CONDITIONING
HW	HOT WATER

I

ID	INSIDE DIAMETER
IN	INCH
INCAND	INCANDESCENT
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INSUL	INSULATION
INTR	INTERIOR
INV	INVERT
IVT	INTRAVENOUS TRACK

J

JAN	JANITOR
JST	JOIST
JT	JOINT

K

KG	KILOGRAM
KIT	KITCHEN
KPL	KICK PLATE
KS	KNEE SPACE

L

L	LENGTH, LONG
LAB	LABORATORY
LAM	LAMINATE, LAMINATION
LAV	LAVATORY
LB	POUND
LED	LIGHT EMITTING DIODE
LF	LINEAR FOOT
LG	LENGTH
LIN	LINEAR
LL	LEAD LINED
LPT	LOW POINT
LT	LIGHT
LT WT	LIGHT WEIGHT
LTG	LIGHTING
LVR	LOUVER

M

M	METERS
MACH	MACHINE
MATL	MATERIAL
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MEDICINE CABINET
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLDG	MOLDING
MM	MILLIMETERS
MO	MASONRY OPENING
MOD	MODULE, MODULAR
MTD	MOUNTED
MTG	MOUNTING
MVBL	MOVABLE
MULL	MULLION

N

(N)	NEW
NA	NOT APPLICABLE
NAT	NATURAL
NE	NORTHEAST
N.C	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
NW	NORTHWEST

O

OC	ON CENTER
OA	OVERALL
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED-OWNER INSTALLED
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OVHD	OVERHEAD
OZ	OUNCE

P

PA	PUBLIC ADDRESS
PART	PARTIAL
PBD	PARTICLEBOARD
PBX	PRIVATE TELEPHONE EXCHANGE
PCF	POUNDS PER CUBIC FOOT
PCI	POUNDS PER CUBIC INCH
PERF	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNEU	PNEUMATIC
PNL	PANEL
PNL BD	PANEL BOARD
PNT	PAINT
PORT	PORTABLE
PP	PUSH PLATE
PPM	PARTS PER MILLION
PR	PAIR
PRCST	PRECAST
PREP	PREPARATION
PREFAB	PREFABRICATION
PRKG	PARKING
PROJ	PROJECT
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
PVMT	PAVEMENT
PWR	POWER

Q

QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY

R

R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RCPT	RECEPTACLE
RD	ROOF DRAIN
RECT	RECTANGULAR
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE (D) (ING) (MENT)
REQD	REQUIRED
REQT	REQUIREMENT
RESIL	RESILIENT
RET	RETURN
REV	REVISION
RF	RESILIENT FLOORING
RH	RIGHT HAND
RHMS	ROUND HEAD MACHINE SCREW
RHWS	ROUND HEAD WOOD SCREW
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RWL	RAIN WATER LEADER

S

S	SOUTH
SA	SUPPLY AIR
SB	SPLASH BLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SCRN	SCREEN
SD	STORM DRAIN
SE	SOUTHEAST
SECT	SECTION
SEG	SEGMENT
SEP	SEPARATION OR SEPARATE
SEP JT	SEPARATION JOINT
SHT	SHEET, SHEETING
SHWR	SHOWER
SHV	SHELVES, SHELVING
SIM	SIMILAR
SK	SINK
SMS	SHEET METAL SCREW
SP	SPACE, SPACED, SPACING
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SPKR	SPEAKER
SQ	SQUARE
SS	SANITARY SEWER
SSK	SERVICE SINK
SST	STAINLESS STEEL
ST	STREET
STA	STATION
STAG	STAGGERED
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
STS	SELF-TAPPING STEEL
SUSP	SUSPENDED
SUSP CLG	SUSPENDED CEILING
SVCE	SERVICE
SW	SOUTHWEST
SYMM	SYMMETRICAL
SYST	SYSTEM

T

T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TC	TOP OF CONCRETE, TOP OF CURB
TD	TRENCH DRAIN
TEL	TELEPHONE
TEMP	TEMPORARY
THERM	THERMAL
THK	THICK, THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TMPD GL	TEMPERED GLASS
TO	TOP OF
TOR	TOP OF RAILING
TOS	TOP OF STEEL
TOT	TOTAL
TOW	TOP OF WALL
TP	TOP OF PAVEMENT
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TYP	TYPICAL

U

UC	UNDER COUNTER
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTABLE POWER SUPPLY
UTIL	UTILITY

V

VAC	VACUUM
VB	VALVE BOX
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIT	VITREOUS
VP	VENT PIPE
VOL	VOLUME
VWC	VINYL WALL COVERING

W

W	WEST
W/	WITH
W/O	WITHOUT
W/W	WALL TO WALL
WC	WATER CLOSET OR WALL COVERING
WD	WOOD
WDW	WINDOW
WGL	WIRE GLASS
WCHR	WHEELCHAIR
WM	WIRE MESH
WO	WHERE OCCURS
W/O	WITHOUT
WPT	WORKING POINT
WR	WATER RESISTANT
WSCT	WAINSCOT
WSP	WET STANDPIPE
WT	WEIGHT
WTHPRF	WEATHERPROOF
WTRPRF	WATERPROOF
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

X

XFMR	TRANSFORMER

Y

YD	YARD

ARCHITECTURAL FLOOR PLAN SYMBOLS

DIMENSION SYMBOLS

- 10'-0" — DIMENSION SHOWN TO: - STRUCTURAL GRID - LAYOUT GRID - CENTERLINE OF ASSEMBLY - CENTER OF OPENING - CENTER OF EQUIP FURN
- GRID OR CENTER LINE TYP.CAL
- 10'-0" — DIMENSION SHOWN TO: - PARTITION ASSEMBLY - EDGE OF DOOR OPENING - OTHER BUILDING ELEMENT - WORKING POINT INDICATED ON DETAIL

GENERAL SYMBOLS

- BASE CABINETS
- BASE AND WALL CABINETS
- WALL CABINETS
- TO LET PARTITION AND DOOR
- HANDRAIL
- BUMPER GUARD
- CG — CORNER GUARD
- EG — EDGE GUARD
- OVERHEAD ITEMS
- UNDER-COUNTER ITEMS
- N/C — NOT-IN-CONTRACT ITEMS

FIRE EXTINGUISHER SYMBOLS

- FEXT — FIRE EXTINGUISHER BRACKET MOUNTED
- FEC — FIRE EXTINGUISHER SURFACE MOUNTED
- FEC — FIRE EXTINGUISHER CABINET SEMI-RECESSED
- FEC — FIRE EXTINGUISHER CABINET RECESSED

PLUMBING SYMBOLS

- TO LET - WALL HUNG
- URINAL - FLOOR/WALL HUNG
- LAVATORY - COUNTERTOP
- LAVATORY - PEDESTAL/WALL HUNG
- UTILITY SINK
- DRINKING FOUNTAIN / EWC
- JANITOR'S RECEPTOR
- BATHTUB
- SHOWER
- FD — FLOOR DRAIN IN SLOPING FLOOR

ARCHITECTURAL DEMOLITION SYMBOLS

- EXISTING PARTITION TO REMAIN
- EXISTING PARTITION TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR AND FRAME TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING WINDOW TO BE REMOVED
- EXISTING LAY-IN CEILING TO REMAIN
- EXISTING LAY-IN CEILING TO BE REMOVED

DOOR AND INTERIOR OPENING SYMBOLS

- DOOR OPENING MARK
- SINGLE OPENING DOOR
- DOUBLE ACTING DOOR
- PAIR DOORS - EQUAL SIZES
- PAIR DOORS - UNEQUAL SIZES
- PAIR DOORS - DOUBLE EGRESS
- 2 PANEL BI-FOLD DOOR
- PAIR - BI FOLD DOOR
- OVERHEAD ROLLING DOOR
- INTERIOR GLAZED WINDOW
- DOOR WITH SIDE LIGHT
- SLIDING DOOR - BETWEEN JAMBS
- SLIDING POCKET DOOR

ARCH REFLECTED CEILING PLAN SYMBOLS

ARCHITECTURAL

- 2'X4' LAY IN ACOUSTIC TILE CEILING
- 2'X2' LAY IN ACOUSTIC TILE CEILING
- GYPSUM BOARD
- AP — ACCESS PANEL

MECHANICAL

- SUPPLY GRILLE
- RETURN GRILLE
- EXHAUST GRILLE
- LINEAR DIFFUSER
- SPRINKLER HEAD - CLG MOUNT
- SPRINKLER HEAD - WALL MOUNT

ELECTRICAL

- 2'X4' FLUORESCENT FIXTURE
- 2'X2' FLUORESCENT FIXTURE
- 1'X4' FLUORESCENT FIXTURE
- FLUORESCENT STRIP FIXTURE
- RECESSED DOWN LIGHT
- WALL WASH
- TRACK LIGHTING
- EXIT SIGN, SINGLE-SIDED
- EXIT SIGN, DOUBLE-SIDED
- F — FIRE ALARM
- S — SPEAKER
- P — SMOKE DETECTOR
- W — WIRELESS INTERNET

MISCELLANEOUS

- +12'-0" — HEIGHT OF CEILING FINISH ABOVE FINISH FLOOR

ARCHITECTURAL REFERENCE SYMBOLS

BUILDING SECTION

S/M — A101 — WALL SECTION NUMBER; DIRECTION OF VIEW; SHEET WHERE DRAWN

WALL SECTION

1 — S/M — A101 — WALL SECTION NUMBER; SHEET WHERE DRAWN; DIRECTION OF VIEW

EXTERIOR ELEVATION

X.X.X — X — ELEVATION NUMBER AND DIRECTION; SHEET WHERE DRAWN

DETAIL REFERENCE

1 — S/M — A101 — DETAIL NUMBER; SHEET WHERE DRAWN, HYPHEN INDICATES DETAIL ON SAME SHEET.

SECTION DETAIL REFERENCE

1 — S/M — A101 — ELEVATION NUMBER AND DIRECTION; SHEET WHERE DRAWN

INTERIOR ELEVATION REFERENCE

1 — 2 — A102 — 2 — 1 — ELEVATION NUMBER AND DIRECTION OF VIEW; SHEET WHERE DRAWN

PARTITION TYPE IDENTIFICATION MARK

0A3X — SEE PARTITION SYMBOL DESCRIPTION ON SHEET A9.X.X

WINDOW AND LOUVER TYPE MARK

W-X — SEE CORRESPONDING NUMBER ON SCHEDULE

LEVEL LINE

SECOND LEVEL +10'-0" — NAME OF LEVEL; INDICATES HEIGHT ABOVE PROJECT DATUM

ROOM NAME AND NUMBER

Room Name 101

REVISION NUMBER AND EXTENT

1 — REVISION NUMBER - SEE REVISION HISTORY ON THE TITLE BLOCK OF EACH SHEET; EXTENT OF CURRENT REVISION

SHEET KEYNOTE MARK

A302 — SEE CORRESPONDING NUMBERED KEYNOTE ON SHEET WHERE REFERENCE OCCURS

REFERENCE KEYNOTE MARK

058000 A03 — THE FIRST SIX DIGITS REPRESENT THE SPECIFICATION SECTION; THE CHARACTERS FOLLOWING THE PERIOD REPRESENT PARTICULAR ITEMS OF THE SPECIFIED SYSTEM

MATCH LINE REFERENCES

MATCH LINE — SHEET A2.1.1 — REFER TO THE SHEET WHERE CONTINUATION IS FOUND

OR

SHEET A2.1.2 — SHEET A2.1.1 — REFER TO THE SHEETS EITHER SIDE OF THE MATCH LINE

DRAWING TITLE SYMBOLS

1 — View Name, SCALE: 1/8" = 1'-0" — BASIC DRAWING TITLE

1 — View Name, SCALE: 1/8" = 1'-0" — BASIC DRAWING TITLE WITH LINE

View Name, SCALE: 1'-0" — DRAWING TITLE WHEN ONLY ONE PLAN EXISTS ON THE DRAWING

LAYOUT GRID LINES

A — B — 90.00° — NEW GRID IDENTIFICATION; EXISTING GRID IDENTIFICATION — 1

NORTH ARROW REFERENCES

NORTH — OR — PROJECT NORTH — OR — TRUE NORTH

ARCHITECTURAL MATERIAL INDICATIONS

PLAN AND SECTION

- EARTH
- AGGREGATE BASE COURSE
- CONCRETE
- CONCRETE MASONRY UNIT
- BRICK MASONRY
- PRECAST CONCRETE
- LIMESTONE, SANDSTONE, GRANITE
- MARBLE
- STEEL, STAINLESS STEEL (LARGE SCALE)
- ALUMINUM (LARGE SCALE)
- OTHER METALS (LARGE SCALE)
- WOOD FRAMING - CONTINUOUS (LARGE SCALE)
- WOOD FRAMING - DISCONTINUOUS (LARGE SCALE)
- PLYWOOD (LARGE SCALE)
- FINISH WOOD (LARGE SCALE)
- EIFS INSULATION BOARD (LARGE SCALE)
- SEMI-RIGID INSULATION (LARGE SCALE)
- BATT INSULATION (LARGE SCALE)
- MORTAR, SAND, PREPROOFING, STUCCO, GYPSUM BOARD
- TERRAZZO (LARGE SCALE)
- COMPOSITE BOARD (LARGE SCALE)
- ACOUSTIC TILE (LARGE SCALE)
- PROTECTION BOARD (LARGE SCALE)
- CERAMIC TILE (LARGE SCALE)
- GLASS (LARGE SCALE)

ELEVATION

- PLASTER CONCRETE
- MASONRY, METAL SIDING (HORIZONTAL)
- GLASS BLOCK, CERAMIC TILE
- METAL SIDING (VERTICAL)
- GLASS

ARCHITECTURAL GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY TO ALL ARCHITECTURAL SERIES SHEETS. FOR GENERAL NOTES APPLICABLE TO ALL SHEETS REFER TO THE "PROJECT GENERAL NOTES".

A. THE ARCHITECTURAL SERIES SHEETS ARE PART OF A COMPLETE SET OF CONSTRUCTION DOCUMENTS DESCRIBING THE WORK FOR THIS PROJECT. USERS OF THESE DOCUMENTS ARE RESPONSIBLE TO REVIEW ALL CONSTRUCTION DOCUMENTS TO UNDERSTAND AND COORDINATE THE GRAPHIC AND ANNOTATED INFORMATION PROVIDED IN THESE ARCHITECTURAL SERIES SHEETS.

B. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATIONS SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES, AND SPECIFICATIONS.

C. ALL VISUALLY EXPOSED STRUCTURAL, MECHANICAL AND ELECTRICAL ELEMENTS, INCLUDING EXPOSED METAL FLOOR AND ROOF DECKS, ARE TO BE PAINTED UNLESS OTHERWISE NOTED. THIS INCLUDES ELEMENTS THAT MAY BE VISIBLE THROUGH GRILLES, LOUVERS OR CEILINGS. COLORS AND PAINT MATERIALS ARE DEFINED IN THE FINISH SCHEDULE, THE SPECIFICATIONS, AND THE DRAWINGS AS APPLICABLE TO THE CONSTRUCTION DOCUMENTS.

REFERENCE ELEVATION DEFINITIONS

1. THE TERM "REFERENCE" ELEVATION OR DIMENSIONS REFERS TO A NOMINAL WORK POINT. THE ACTUAL ELEVATION MAY VARY FROM THE REFERENCE POINT. REFER TO APPLICABLE DETAIL TO DETERMINE THE RELATIONSHIP BETWEEN THE ACTUAL ELEVATION OR DIMENSION AND THE STATED REFERENCE POINT.
2. THE DESIGN REFERENCE ELEVATION +0'-0" SHOWN ON THE ARCHITECTURAL DRAWINGS CORRESPONDS TO THE FINISH FLOOR ELEVATION OF THE GROUND FLOOR. ESTABLISH THE ACTUAL ELEVATION WITH RESPECT TO SITE-SPECIFIC BENCHMARKS AND CONTROL POINTS AS DEFINED IN THE CIVIL DRAWINGS.
3. "FINISH FLOOR" ELEVATIONS ARE MEASURED AT THE TOP OF THE CONCRETE FLOOR SLAB UNLESS OTHERWISE NOTED APPLIED FINISHES SUCH AS RESILIENT FLOORING OR CARPET MAY RAISE THE ACTUAL FINISH SURFACE ABOVE THE REFERENCE ELEVATION PROVIDED FOR THE FINISH FLOOR.
4. WHERE CONCRETE FLOOR SLAB IS DEPRESSED TO ACCOMMODATE MORTAR BEDS, SETTING BEDS, RAISED ACCESS FLOORS, AND OTHER SIMILAR FLOOR ASSEMBLIES, "FINISHED FLOOR" ELEVATIONS ARE MEASURED AS IF CONCRETE DEPRESSION DOES NOT OCCUR.
5. CEILING HEIGHT ELEVATIONS ARE MEASURED TO BOTTOM OF FINISH SURFACES AND STATED IN RELATION TO DISTANCE ABOVE THE REFERENCE ELEVATION FOR THE FINISH FLOOR UNLESS OTHERWISE NOTED.
6. ROOF ELEVATIONS ARE MEASURED TO TOP OF SURFACES AND STATED IN RELATION TO DISTANCE ABOVE THE REFERENCE ELEVATION PROVIDED FOR THE UPPERMOST FINISH FLOOR UNLESS OTHERWISE NOTED. ELEVATIONS GIVEN ARE TO TOP OF STEEL (TOS), TOP OF DECK (TOD), OR TOP OF TAPERED INSULATION (TOT) UNLESS OTHERWISE NOTED.

FIRE RESISTIVE RATING INDICATION

- 0 HOUR SMOKE PARTITION
- 1 HOUR FIRE RESISTANCE RATING
- 2 HOUR FIRE RESISTANCE RATING
- 3 HOUR FIRE RESISTANCE RATING
- 4 HOUR FIRE RESISTANCE RATING

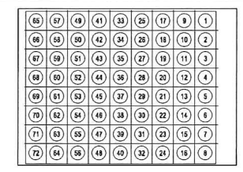
ARCHITECTURAL SYMBOL NOTES

A. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE AND DEFINE TYPICAL GRAPHIC SYMBOLS WHICH MAY TYPICALLY OCCUR ON THE ARCHITECTURAL DRAWINGS.

B. ADDITIONAL SYMBOLS NOT SHOWN OR DEFINED ON THIS SHEET MAY BE USED ON THE ARCHITECTURAL DRAWINGS AND ARE TYPICALLY DEFINED ON OTHER SHEETS.

C. SYMBOLS ARE NOT DRAWN TO SCALE. TO DETERMINE THE ACTUAL SIZES OF ELEMENTS REPRESENTED BY SYMBOLS, REFER TO THE SPECIFICATIONS AND OTHER SHEETS, AS MAY APPLY.

MODULAR LAYOUT / DETAIL NUMBER

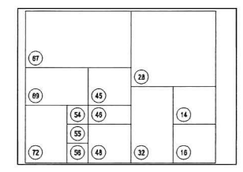


DETAIL MODULE LAYOUT

DETAILS ARE NUMBERED ACCORDING TO THEIR LOCATION ON EACH SHEET AND ARE NOT NUMBERED CONSECUTIVELY. EACH MODULE MAINTAINS THE NUMBER ASSOCIATED WITH IT.

THIS SYSTEM CAN BE APPLIED TO ANY SHEET THAT CONTAINS MULTIPLE IMAGES. THE IMAGES ARE NUMBERED ACCORDING TO THE MODULE SYSTEM SHOWN ILLUSTRATED TO THE LEFT.

EACH DETAIL MAY OCCUPY ONE OR MORE WHOLE MODULES. THE DETAIL MODULE IS USED TO ESTABLISH THE IDENTIFYING LABEL FOR EACH DETAIL, NOT TO LIMIT THE SIZE OF THE DETAIL.



DETAIL NUMBERING EXAMPLE

THE NUMBER OF THE MODULE WHICH OCCURS IN THE LOWER LEFT CORNER OF A SINGLE MODULE OR SEVERAL MODULES GROUPED TOGETHER WILL DEFINE THE FINAL DETAIL NUMBER AS SHOWN IN THE ILLUSTRATION TO THE LEFT, ALTHOUGH THE MODULE NUMBERS OCCUR IN CONSECUTIVE ORDER, NOT ALL NUMBERS ARE NECESSARILY USED ON EACH SHEET

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SEALS AND SIGNATURES

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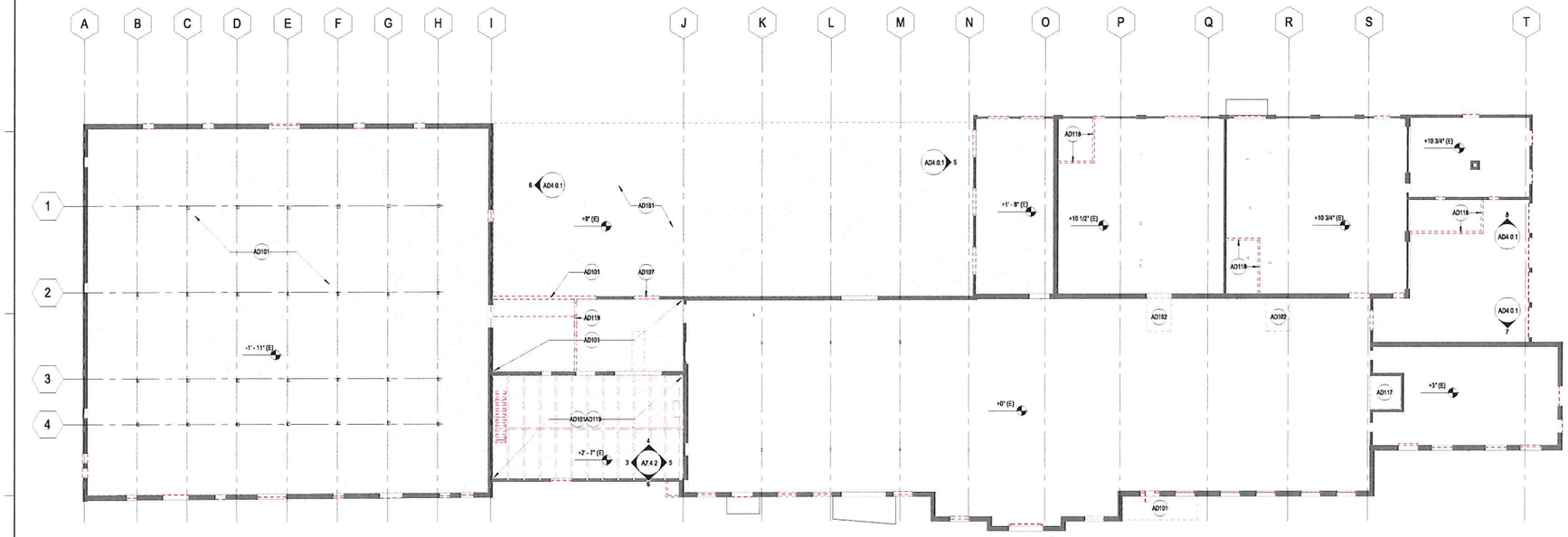
SHEET TITLE
ARCHITECTURAL ABBREVIATIONS AND SYMBOLS

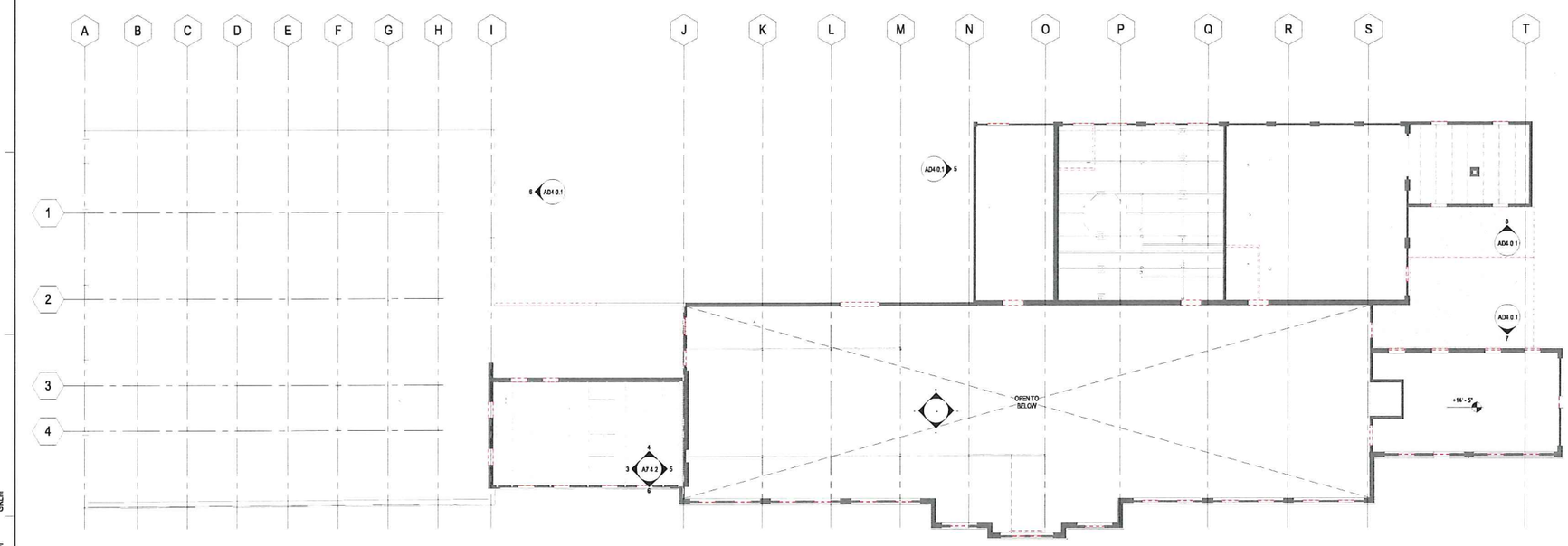
20737.000
PROJECT NUMBER

A0.1
SHEET NUMBER

Plot Date: 5/9/2016 4:18:33 PM GRLM



1 LEVEL 1 DEMO FLOOR PLAN
SCALE: 1/16" = 1'-0"



2 LEVEL 2 - DEMO FLOOR PLAN
SCALE: 1/16" = 1'-0"

GRAPHIC LEGEND

A WINDOW TAG
(1) DESIGNATES MASONRY FILLED OPENING

1 DOOR TAG

ELEMENT TO BE REMOVED

GENERAL SHEET NOTES

A. DIMENSIONS RELATED TO EXISTING STRUCTURE, INCLUDING GRID DIMENSIONS, SHALL BE FIELD VERIFIED PRIOR TO PREPARATION OF SHOP DRAWINGS OR CONSTRUCTION.
B. EXISTING CONDITIONS SHOWN ARE FROM AVAILABLE RECORD DRAWINGS AND VISUAL FIELD SURVEYS. THE CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITIONS AT THE SITE AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
C. ANY EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR THE PURPOSE OF PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS AND CONDITIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
D. REFER TO AND COORDINATE WITH STRUCTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS DRAWING.
E. ALL MATERIALS INDICATED TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
F. ALL REMOVED MATERIALS AND EQUIPMENT WHICH IS CLASSIFIED "SALVAGE FOR RELOCATION" SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR PLACING ITEMS IN STORAGE ON SITE AND FOR THE PROTECTION OF THOSE ITEMS. THESE ITEMS WILL BE RELOCATED. REFER TO THE FLOOR PLANS FOR NEW LOCATIONS.
G. PATCH AND REPAIR ALL ELEMENTS THAT ARE TO REMAIN WHICH ARE DAMAGED FROM THE DEMOLITION WORK WITH CONSTRUCTION TO MATCH EXISTING CONDITIONS.
H. NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, OR NOT INDICATED ON "AS-BUILT" DRAWINGS, OR WAS BURIED UNDERGROUND, OR EMBEDDED IN STRUCTURAL WALLS.
J. THESE DRAWINGS ARE DIAGRAMMATIC ONLY. DON NOT SCALE THE DRAWINGS TO DETERMINE THE LOCATION OF EQUIPMENT, DEVICES OR OUTLETS.
K. CONTRACTOR IS RESPONSIBLE TO RELOCATE OR REMOVE FROM WALLS, CEILINGS, FLOOR SPACES, ETC. ANY EXISTING CONDUITS, WIRES, BOXES, FITTINGS, FIXTURES OR OTHER ELECTRICAL EQUIPMENT WHICH INTERFERES WITH PLANNED REMODEL WORK. PROVIDE CIRCUIT CONTINUATION REQUIRED FOR ALL EXISTING OUTLETS, FIXTURES, EQUIPMENT, ETC. SCHEDULED TO REMAIN. CAP EXISTING PATHWAYS AND CONCEAL BELOW SLAB OR WITHIN NEW WORK.
L. ALL ELEMENTS/COMPONENTS/SYSTEMS THAT ARE SHOWN/INTENDED TO BE REMOVED SHALL BE DONE SO TO THE FULLEST EXTENT. ALL APPURTENANCES, BRACKETS, HANGING DEVICES, AND SUCH RELATED ELEMENTS SHALL BE FULLY REMOVED, LEAVING BEHIND A CLEAN STRUCTURE/WALL, U.N.O.
M. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES, AND MATERIALS WHICH WORKING ON FINISHED SURFACES. LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
N. EXCEPT WHERE NOTED OTHERWISE, REMOVE DEMOLISHED MATERIALS FROM THE SITE. DO NOT BURN OR BURY MATERIALS ON SITE. REMOVE DEMOLISHED MATERIALS FROM SITE AS THE WORK PROGRESSES. UPON COMPLETION OF WORK, LEAVE AREAS IN CLEAN CONDITION.
P. SAWCUT AND REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR INSTALLATION OF NEW PLUMBING/ELECTRICAL SYSTEMS. SEE MECHANICAL AND ELECTRICAL DRAWINGS.
Q. RESEAL ALL PENETRATIONS OR OPENINGS THROUGH WALLS, CEILINGS, FLOORS, ETC. TO MAINTAIN THE RATING OF STRUCTURE.
R. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT/WIRING RUNS. REUSE AS REQUIRED AND REMOVE ALL UNUSED CONDUIT/WIRING. UNUSED CONDUIT IN INACCESSIBLE LOCATIONS (WALLS TO REMAIN) CAN BE ABANDONED IN PLACE. REMOVE UNUSED WIRING.
S. CONTRACTOR SHALL IDENTIFY AND NOTE VIA "AS-BUILT" DRAWINGS ALL EXISTING CIRCUITS TO REMAIN AND BE RE-USED. PROPERLY IDENTIFY THESE CIRCUITS AT PANELBOARD SCHEDULES PER NEC ARTICLE 408.4.

SHEET KEYNOTES

AD101	REMOVE ENTIRE FLOOR STRUCTURE OR SLAB AS OCCURS IN THIS AREA.
AD102	REMOVE CONCRETE STAIR/RAMP
AD107	REMOVE EXISTING BRICK. SALVAGE BRICK FOR FUTURE RE-USE. PREPARE OPENING FOR DOOR/WINDOW AS SCHEDULED.
AD117	REMOVE PORTION OF EXISTING FLOOR SLAB. PREPARE OPENING FOR FUTURE ELEVATOR. REFER TO STRUCTURAL DRAWINGS FOR SHAFT & PIT PREPARATION.
AD118	REMOVE EXISTING WALL
AD119	EXCAVATE AS NEEDED FOR FUTURE SLAB ON GRADE AT ELEVATION AS NOTED ON NEW CONSTRUCTION PLAN

SALVAGE INVENTORY

ITEM DESCRIPTION	QUANTITY
ATRIUM	
PORCELAIN BARN PENDANT LIGHT FIXTURES	24
FIRE DOOR (TRACK TYPE)	2
CAFE 01	
FIRE DOOR (TRACK TYPE)	2
FIRE DOOR (SWING NO TYPE)	1
METAL HOPPER BINS	5
WOOD CHUTE	1
OVERSIZE CAST MANHOLE PLATE	1
CAFE 01 - SECOND FLOOR	
SPROUT AND WALDRON 1806 CHUTE W/ FLYWHEELS	1
PRODUCTION 03	
PORCELAIN BARN PENDANT LIGHT FIXTURES	2
FIRE DOOR (TRACK TYPE)	3
METAL HOPPER BINS	2
SPIRAL STAIRCASE	1
PRODUCTION 04	
FIRE DOOR (TRACK TYPE)	1

NOTE:

1. WOOD DECKING AND OTHER LUMBER (SPECIFICALLY IN FLOOR STRUCTURES ABOVE PRODUCTION 03) TO BE SALVAGED FOR REUSE
2. ALL OXIDIZED PLATE STEEL TO BE SALVAGED FOR REUSE.

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SEALS AND SIGNATURES

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CITY OF MADISON WISCONSIN

SHEET TITLE
LEVEL 1 & 2 DEMOLITION FLOOR PLANS & SALVAGE INVENTORY

20737.000
PROJECT NUMBER

AD2.1.1
SHEET NUMBER

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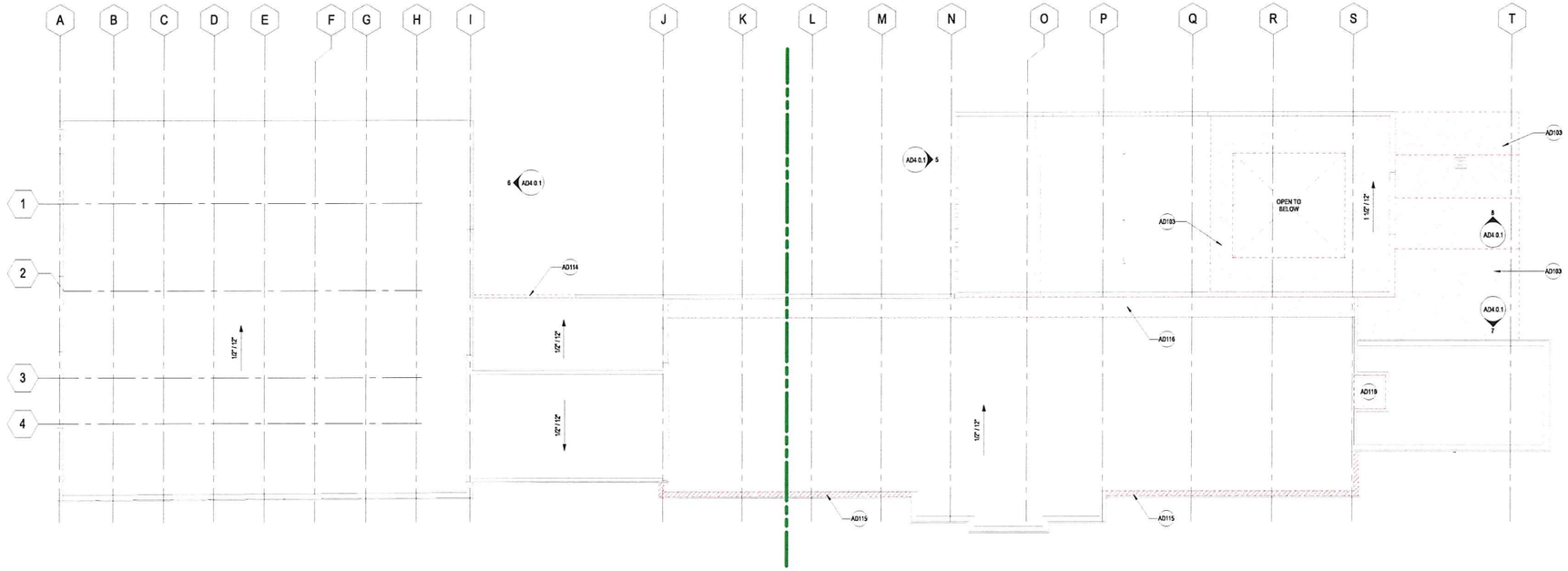

1 ROOF PLAN - DEMOLITION PLAN
SCALE: 1/16" = 1'-0"

GRAPHIC LEGEND

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
B. FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE G2.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
C. REFER TO THE A3.X SERIES SHEETS FOR THE REFLECTED CEILING PLANS.
D. REFER TO THE A9.2.X SERIES SHEETS FOR PARTITION SYSTEMS TYPES AND DETAILS.
E. REFER TO THE A9.3.X SERIES SHEETS FOR THE INTERIOR OPENING SCHEDULE(S), TYPES, AND DETAILS.
F. REFER TO THE AP SERIES SHEETS FOR INTERIOR FINISH INFORMATION.
G. REFER TO THE AF SERIES SHEETS FOR INTERIOR FURNISHING INFORMATION.
H. EXISTING EXPOSED STEEL STRUCTURE TO BE PAINTED BLACK.

SHEET KEYNOTES

AD103 REMOVE ROOFING INCLUDING SHEATHING/DECKING
AD114 REMOVE CMU INFILL
AD115 REMOVE AND PROTECT EXISTING PARAPET CAP FOR REUSE.
AD116 REMOVE PORTION OF EXISTING ROOF. PREPARE OPENING FOR INSTALLATION COMPONENT SHOWN ON NEW CONSTRUCTION PLAN.

MASONRY REPAIR KEYNOTES

M1 - MISSING MASONRY
M2 - CRACKS IN MASONRY
*VERTICAL, HORIZONTAL, STEPPING
M3 - SPALLING BRICK
M4 - BLOWN OUT GROUT
M5 - REPAIR PARAPET
*M6 - SECTION OF PARAPET CAP MISSING
*M7 - VEGETATION NOTED TO BE ROOTED WITHIN WALL
*M8 - POORLY PERFORMED PATCHES

***STEEL DAMAGE KEYNOTES**
S-1 - STEEL TRUSS DAMAGED
S-2 - STEEL CONNECTION TO MASONRY WALL DISLODGED
S-3 - BENT STRUCTURAL STEEL

DEMO NOTES

REMOVE GRAFFITI

DEMO KEYNOTES

D1 - REMOVE CONCRETE SLAB
D2 - REMOVE CONCRETE STAIR/RAMP
D3 - REMOVE RAISED SLAB/COVER AND ASSOCIATED BRICK
D4 - REMOVE ROOFING INCLUDING SHEATHING/DECKING
D5 - DOOR AND HARDWARE
D6 - REMOVE EXISTING STEEL STRUCTURE
D7 - DEMO NONFUNCTIONAL DOWNSPOUT

SALVAGE FOR REUSE KEYNOTES

R1 - LOOSE/SITE BRICK
R2 - EXISTING STEEL STRUCTURE AS NOTED
R3 - WOOD FLOOR AND ROOF SHEATHING
R4 - DOOR AND HARDWARE
R5 - FEED MILL EQUIPMENT/GEAR

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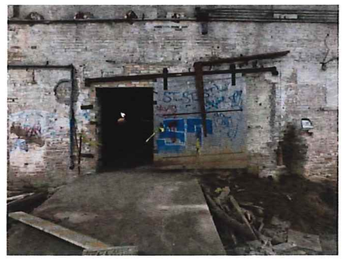
CITY OF MADISON WISCONSIN

SHEET TITLE
ROOF DEMOLITION PLAN

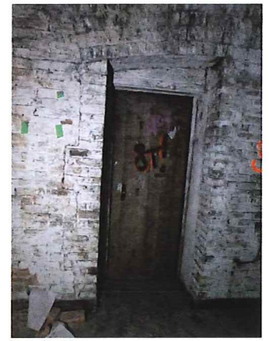
PROJECT NUMBER
20737.000

SHEET NUMBER
AD2.1.2

Plot Date: 5/9/2016 4:19:35 PM GRLM

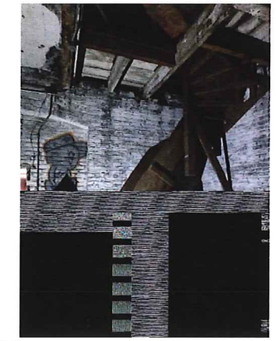


1 Fire Door - Track Type

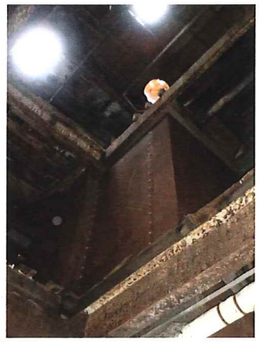


2 Fire Door - Swinging Type

3 Metal Hopper Bins



4 Wood Chute



5 Oxidized Steel Bin

6 Porcelain Barn Light

7 Conveyor

8 Conveyor Chain

9 Sprout and Waldron 1806 Chute with Flywheels

10 Pedestal

11 Cast Man Hole Cover

12 Spiral Stair

Plot Date:

GARVER FEED MILL
Madison, Wisconsin

3241 GARVER GREEN
MADISON, WI 53704

Owner:
GARVER FEED MILL LLC
1030 W. Chicago Avenue Ste. 200
Chicago, IL 60642

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ISSUED FOR | REV | DATE

2016.05.09

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

KEYPLAN

SHEET TITLE
ARTIFACTS

PROJECT NUMBER
20737.000

SHEET NUMBER
AD2.1.3

1 North Elevation - Existing Conditions
SCALE: NOT TO SCALE

2 East Elevation - Existing Conditions
SCALE: NOT TO SCALE

3 South Elevation - Existing Conditions
SCALE: NOT TO SCALE

4 West Elevation - Existing Conditions
SCALE: NOT TO SCALE

GARVER FEED MILL
Madison, Wisconsin

3241 GARVER GREEN
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SEALS AND SIGNATURES

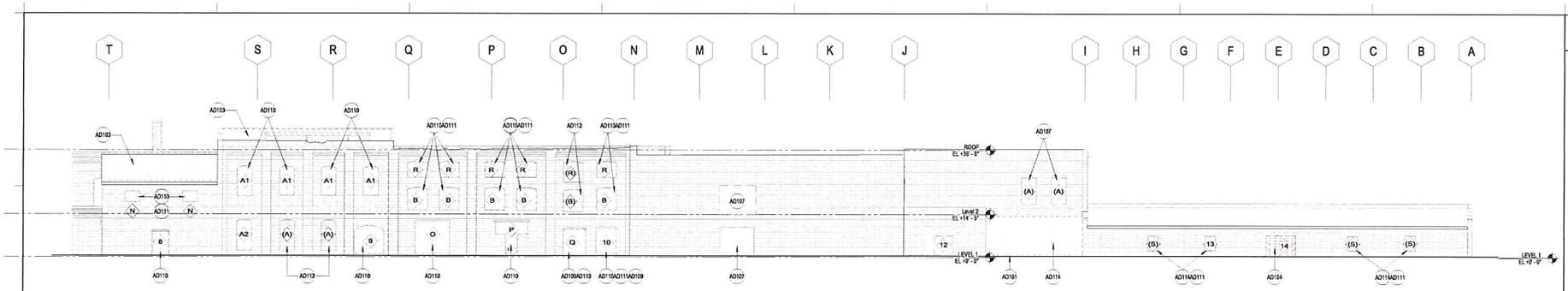
NOT FOR CONSTRUCTION

SHEET TITLE
EXISTING EXTERIOR BUILDING ELEVATIONS - PHOTOS

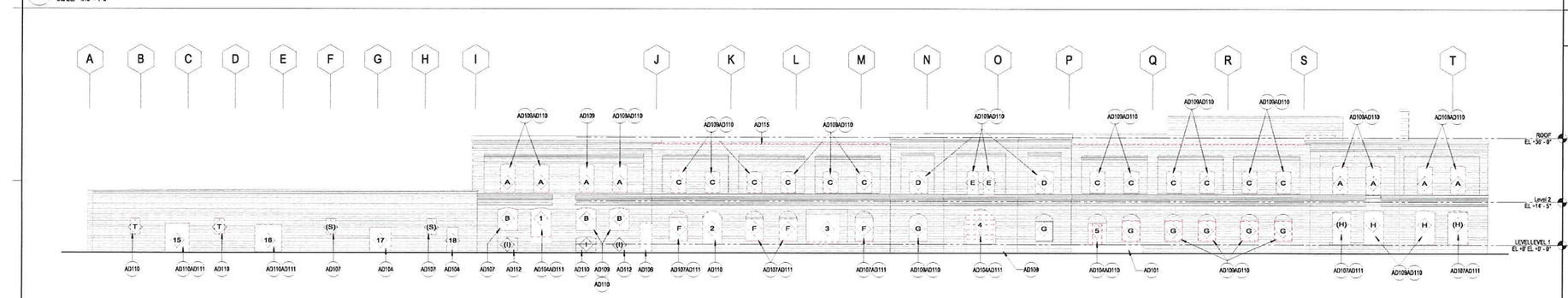
PROJECT NUMBER
20737.000

SHEET NUMBER
AD4.0.0

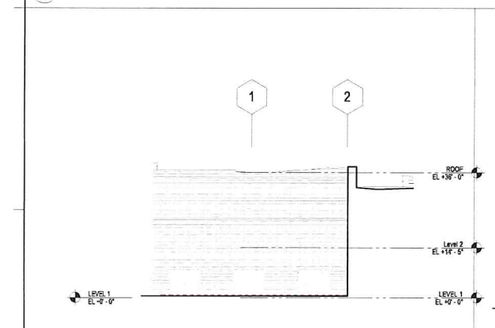
Plot Date: 5/9/2016 4:19:41 PM GRLM



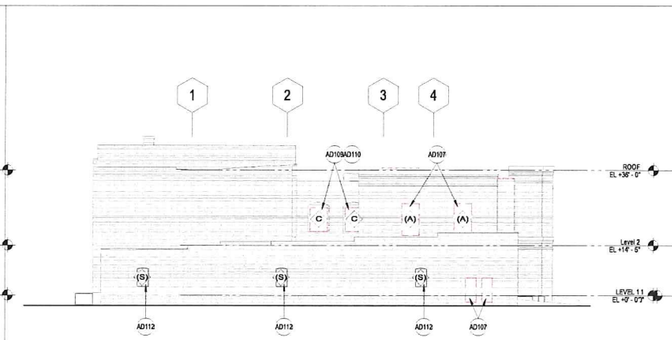
1 NORTH DEMO ELEVATION
SCALE: 1/16" = 1'-0"



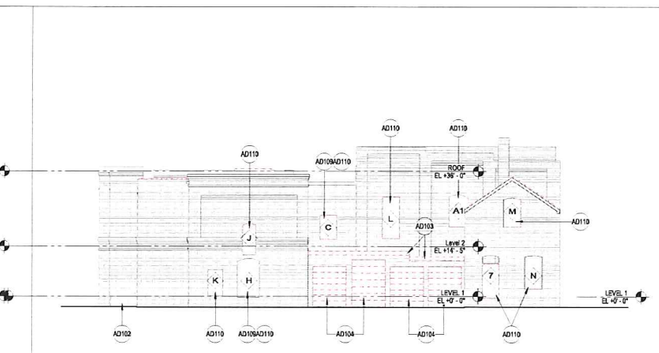
2 SOUTH DEMO ELEVATION
SCALE: 1/16" = 1'-0"



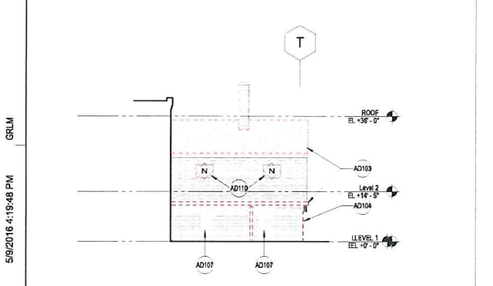
5 PARTIAL ELEVATION - NORTH LOOKING EAST
SCALE: 1/16" = 1'-0"



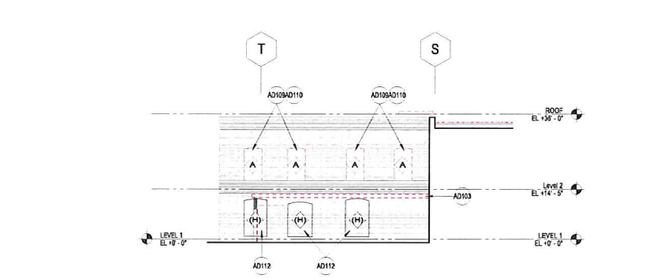
4 WEST DEMO ELEVATION
SCALE: 1/16" = 1'-0"



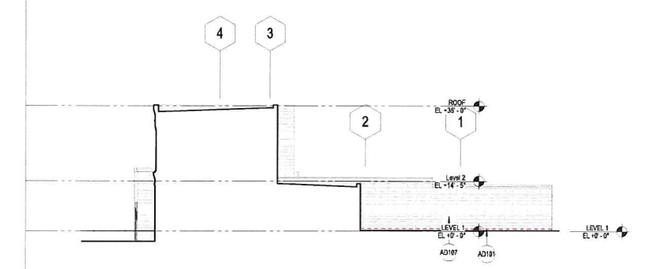
3 EAST DEMO ELEVATION
SCALE: 1/16" = 1'-0"



8 PARTIAL ELEVATION - WEST LOOKING NORTH
SCALE: 1/16" = 1'-0"



7 PARTIAL ELEVATION - WEST LOOKING SOUTH
SCALE: 1/16" = 1'-0"



6 PARTIAL ELEVATION - NORTH LOOKING WEST
SCALE: 1/16" = 1'-0"

GRAPHIC LEGEND

- A — WINDOW TAG (T) DESIGNATES MASONRY FILLED OPENING
- 1 — DOOR TAG
- ELEMENT TO BE REMOVED

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS.

E. REFER TO THE A5.4.X SERIES SHEETS FOR EXTERIOR WINDOW AND LOUVER FRAME ELEVATIONS.

F. FINISH FLOOR ELEVATIONS PROVIDED BY GENERAL CONTRACTOR. CONFIRM ALL CRITICAL FINISH FLOOR ELEVATIONS PRIOR TO CONSTRUCTION.

G. REFER TO DESIGN COALITION DOCUMENTATION FOR ADDITIONAL INFORMATION ON EXISTING OPENINGS.

SHEET KEYNOTES

AD101	REMOVE ENTIRE FLOOR STRUCTURE OR SLAB AS OCCURS IN THIS AREA.
AD102	REMOVE CONCRETE STAIR/RAMP
AD103	REMOVE ROOFING INCLUDING SHEATHING/DECKING
AD104	REMOVE DOOR, FRAME & ALL ASSOCIATED HARDWARE.
AD106	REMOVE WOOD 'DOGHOUSE' STRUCTURE.
AD107	REMOVE EXISTING BRICK. SALVAGE BRICK FOR FUTURE RE-USE. PREPARE OPENING FOR DOOR/WINDOW AS SCHEDULED.
AD108	EXISTING RAMP TO REMAIN.
AD109	EXISTING WINDOW FRAME AND MUNTINS TO REMAIN. REMOVE ALL BROKEN GLASS PANES.
AD110	REMOVE WOOD PANEL INFILL
AD111	PREPARE OPENING FOR NEW WINDOW/DOOR AND FRAME AS SCHEDULED.
AD112	EXISTING BRICK INFILL TO REMAIN.
AD114	REMOVE CMU INFILL.
AD115	REMOVE AND PROTECT EXISTING PARAPET CAP FOR REUSE.

EXISTING WINDOW SCHED

ID#	QTY.	MATERIAL
A	18	WOOD
B	8	WOOD
C	15	STEEL
D	2	STEEL
E	2	STEEL
F	4	BRICK
G	7	STEEL
H	5	STEEL
I	1	WOOD
J	1	MASONRY OPENING
K	1	WOOD
L	1	MASONRY OPENING
M	1	WOOD
N	4	MASONRY OPENING
O	1	STEEL
P	1	STEEL
Q	1	STEEL
R	5	NOT DOCUMENTED
S	8	BRICK INFILL
T	2	WOOD

GARVER FEED MILL
Madison, Wisconsin

3241 GARVER GREEN
MADISON, WI 53704

Owner:
GARVER FEED MILL LLC
1030 W. Chicago Avenue Ste. 200
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SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

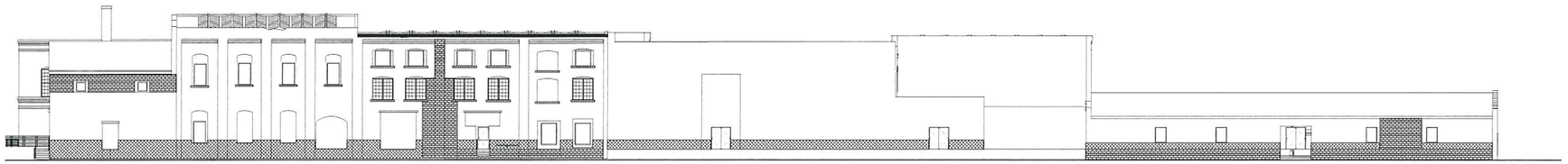
CITY OF MADISON WISCONSIN

SHEET TITLE
DEMO EXTERIOR BUILDING ELEVATIONS

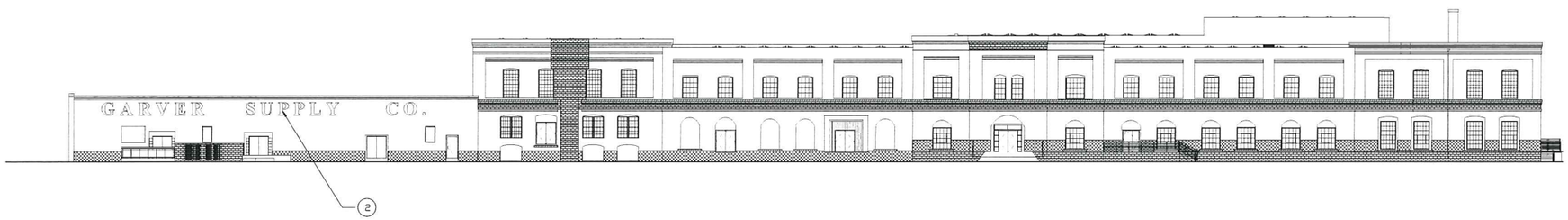
PROJECT NUMBER 20737.000

SHEET NUMBER AD4.0.1

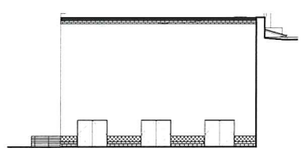
Plot Date: 5/9/2016 4:19:48 PM GRLM



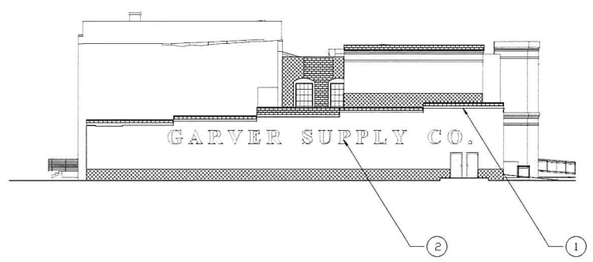
1 North
SCALE: 1/16" = 1'-0"



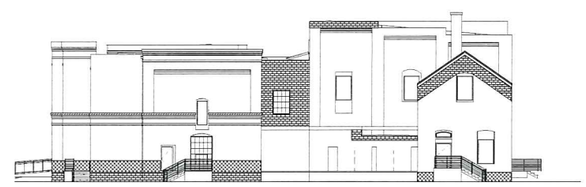
2 South
SCALE: 1/16" = 1'-0"



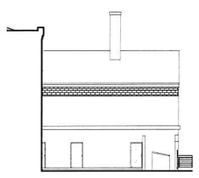
8 PARTIAL ELEVATION - NORTH LOOKING EAST1
SCALE: 1/16" = 1'-0"



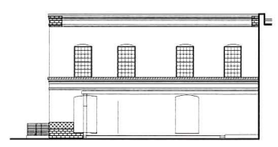
3 West
SCALE: 1/16" = 1'-0"



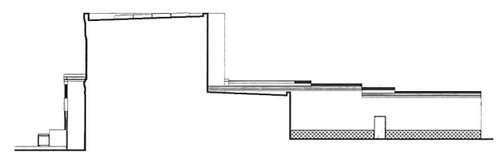
4 East
SCALE: 1/16" = 1'-0"



6 PARTIAL ELEVATION - WEST LOOKING NORTH1
SCALE: 1/16" = 1'-0"



7 PARTIAL ELEVATION - WEST LOOKING SOUTH
SCALE: 1/16" = 1'-0"



5 PARTIAL ELEVATION - NORTH LOOKING WEST1
SCALE: 1/16" = 1'-0"

GENERAL SHEET NOTES

A. REMOVE ALL GRAFFITI PER SPECIFICATIONS
B. SEE AS4.0.1 FOR REMOVAL OF CMU & BRICK WINDOW INFILL

REPAIR KEYNOTES

- TUCKPOINTING
- BRICK REPLACEMENT
- REPLACE OR REHABILITATE SILL/BELT COURSE
- REPLACE CLAY CAP WHERE BROKEN OR MISSING
- REPLACE OR REPAIR INDIVIDUAL DAMAGED BRICKS OR JOINTS PER SPECIFICATIONS

TUCKPOINTING:
TYPICAL TUCKPOINTING IS THE REMOVAL OF SURFACE MORTAR TO A DEPTH OF 3/4 OF AN INCH AND REPLACING IT WITH SUITABLE MORTAR

BRICK REPLACEMENT:
INVOLVES REPLACING ALL MISSING AND DAMAGED BRICK, SOMETIMES MULTIPLE WYTHES DEEP IN AREAS WHERE THE MASONRY IS DEFECTIVE

REFERENCE KEYNOTES

1. RAISE PARAPET AS NEEDED TO ACCOMMODATE ROOF INSULATION
2. PRESERVE ORIGINAL SHADOW LETTERING

GARVER FEEDMILL REDEVELOPMENT PLAN

3241 GARVER GREEN
MADISON, WI 53704

Owner:
GARVER FEED MILL LLC
1030 W. Chicago Avenue Ste. 200
Chicago, IL 60642

BAUM REVISION
real estate development

SMITHGROUP JJR

STRUCTURAL integrity INC

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ISSUED FOR	REV	DATE
		5/2/2016

SEALS AND SIGNATURES

SHEET TITLE
FACADE REPAIR BUILDING ELEVATIONS

PROJECT NUMBER
20737.000

SHEET NUMBER
AR4.0.1

Plot Date: 4/19/2016 4:09:04 PM | GRLM

SECTION 034500 – PRECAST ARCHITECTURAL CONCRETE

SCOPE

Include all materials and labor and incidentals for the cleaning and repair of existing limestone belt-course and sill.

PART 1 GENERAL
SCOPE
SUBMITTALS
QUALITY ASSURANCE

PART 2 PRODUCTS
ARCHITECTURAL PRECAST MATERIALS
MORTAR MATERIALS
MANUFACTURED REPAIR MATERIALS

PART 3 – EXECUTION
REMOVAL AND REPLACEMENT
REPOINTING ARCHITECTURAL PRECAST CONCRETE
CLEANING EXISTING ARCHITECTURAL PRECAST CONCRETE

PART 1 – GENERAL

SCOPE

Clean and repair of existing architectural precast concrete belt-course and sill including removal and reinstallation or replacement as necessary

SUBMITTALS

Supply product data for each type of architectural precast concrete on the building

Provide shop drawings showing architectural precast concrete units and jointing and relationship to adjacent materials.

Provide samples for architectural precast concrete on this building showing color and texture to be proved.

QUALITY ASSURANCE

Stone restoration craftpersons are to be from an experienced stone restoration firm. Stone restoration firm to have completed work similar to that indicated for this project with a record of successful in-service performance.

PART 2 – PRODUCTS

ARCHITECTURAL PRECAST CONCRETE MATERIALS

Provide architectural precast concrete of variety, physical properties, color, texture, finish, size and shape to match architectural precast concrete.

Manufacturer shall submit for approval prior to production of precast units, one sample representative of the actual elements as to quality and type of finish. Sample shall be at least 12" x 12" x 1" in size.

A minimum of 10 years successful experience in the fabrication of precast concrete units, similar to the units required for this project.

MORTAR MATERIALS

Prepare mortar in accordance with Specification Section 042113

MANUFACTURED REPAIR MATERIALS

Patching compound to be a factory mixed cementitious product that is custom manufactured for patching architectural precast concrete found on this building.

Use architectural precast concrete patching compound from Cathedral Stone Products, Hanover Maryland or equal

Formulate stone patching compound in colors and textures to match architectural precast concrete being patched.

For architectural precast concrete to architectural precast concrete adhesive use a 2 part polyester or epoxy resin stone adhesive from Bonstone, Milwaukee, WI or equal

Anchors and pins are to be as indicated on shop drawings. If not indicated all anchors and pins are to be fabricated from Type 304 Stainless Steel.

PART 3 – EXECUTION

REMOVAL AND REPLACEMENT

Remove architectural precast concrete that has deteriorated or is damaged beyond repair. Carefully remove or demolish entire stone walls from jolt to joint without damaging surrounding stone. Remove such that replacement stone will be used in full the units.

Support and protect remaining architectural precast concrete surrounding removal area. Maintain flashing, reinforcement, lintels and adjoining construction in an undamaged condition.

Remove mortar, loose particles, and soil from stone by cleaning with brushes, chisels and water. Clean stone surrounding removal areas by removing mortar, dust and loose particles in preparation for replacement.

Install replacement stone into bonding and coursing patterns of existing stone.

Maintain joint width for replacement stone to match existing joints

Use setting buttons or shims to set stone accurately spaced and with uniform joints.

Set replacement stone with completely filled bed, head and collar joints. Butter vertical joints for full width before setting and set units in full bed of mortar unless otherwise indicated. Replace existing anchors with new anchors as required.

REPOINTING STONEWORK

Remove mortar to a depth of ¾" or more using tools that do not damage adjacent materials.

Brush, vacuum or flush joints to remove dirt and loose debris after mortar has been removed at the joints.

Rinse joint surfaces with water to remove any remaining dust or mortar particles.

Apply pointing mortar in layers not greater than 3/8". Fully compact each layer and allow to become thumbprint hard before applying the next layer.

When mortar is sufficiently hard to support units, remove shims and other devices interfering with pointing of joints.

Tool exposed mortar joints in repaired areas to match joints of surrounding existing stonework.

After mortar has fully hardened, thoroughly clean exposed stone surfaces of excess mortar and foreign matter using wood scrapers, stiff nylon or fiber brushes and clean water spray applied at low pressure. Do not use metal scrapers or metal brushes. Do not use acidic or alkaline cleaners.

CLEANING EXISTING ARCHITECTURAL PRECAST CONCRETE

Wet stone with cold water applied by low pressure spray.

Scrub architectural precast concrete with detergent solution using medium nylon or natural bristle brushes until soil is thoroughly dislodged and can be removed by rinsing.

Rinse with cold water applied by low pressure spray to remove detergent and soil.

SECTION 040140 MAINTENANCE OF STONE ASSEMBLIES

SCOPE

Include all materials and labor and incidentals for the cleaning and repair of existing limestone belt-course and sill.

PART 1 – GENERAL
SCOPE
SUBMITTALS
QUALITY ASSURANCE

PART 2 – PRODUCTS
STONE MATERIALS
MORTAR MATERIALS
MANUFACTURED REPAIR MATERIALS

PART 3 – EXECUTION
REMOVAL AND REPLACEMENT
REPOINTING STONEWORK
CLEANING EXISTING STONEWORK

PART 1 – GENERAL

SCOPE

Clean and repair of existing stone belt-course and sill including removal and reinstallation or replacement as necessary

SUBMITTALS

Supply product data for each type of stone on the building

Provide shop drawings showing stone units and jointing and relationship to adjacent materials.

Provide samples for each type of stone on the building showing color and texture to be proved.

QUALITY ASSURANCE

Stone restoration craftpersons are to be from an experienced stone restoration firm. Stone restoration firm to have completed work similar to that indicated for this project with a record of successful in-service performance.

PART 2 – PRODUCTS

STONE MATERIALS

Provide new building stone of variety, physical properties, color, texture, grain, veining, finish, size and shape to match existing stone.

MORTAR MATERIALS

Prepare mortar in accordance with Specification Section 042113

MANUFACTURED REPAIR MATERIALS

Stone patching compound to be a factory mixed cementitious product that is custom manufactured for patching stone found on this building.

Use stone patching compound from Cathedral Stone Products, Hanover, Maryland or equal

Formulate stone patching compound in colors and textures to match stone being patched.

For stone to stone adhesives use a 2 part polyester or epoxy resin stone adhesive from Bonstone, Milwaukee WI or equal specifically manufactured for the type of stone found on this building.

Stone anchors and pins are to be as indicated on shop drawings. If not indicated all anchors and pins are to be fabricated from Type 304 Stainless Steel.

PART 3 – EXECUTION

REMOVAL AND REPLACEMENT

Remove stone that has deteriorated or is damaged beyond repair. Carefully remove or demolish entire stone walls from joint to joint without damaging surrounding stone. Remove such that replacement stone will be used in full the units.

Support and protect remaining stonework surrounding removal area. Maintain flashing, reinforcement, lintels and adjoining construction in an undamaged condition.

Remove mortar, loose particles, and soil from stone by cleaning with brushes, chisels and water. Clean stone surrounding removal areas by removing mortar, dust and loose particles in preparation for replacement.

Install replacement stone into bonding and coursing patterns of existing stone.

Maintain joint width for replacement stone to match existing joints

Use setting buttons or shims to set stone accurately spaced and with uniform joints.

Set replacement stone with completely filled bed, head and collar joints. Butter vertical joints for full width before setting and set units in full bed of mortar unless otherwise indicated. Replace existing anchors with new anchors as required.

REPOINTING STONEWORK

Remove mortar to a depth of ¾" or more using tools that do not damage adjacent materials.

Brush, vacuum or flush joints to remove dirt and loose debris after mortar has been removed at the joints.

Rinse joint surfaces with water to remove any remaining dust or mortar particles.

Apply pointing mortar in layers not greater than 3/8". Fully compact each layer and allow to become thumbprint hard before applying the next layer.

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After mortar has fully hardened, thoroughly clean exposed stone surfaces of excess mortar and foreign matter using wood scrapers, stiff nylon or fiber brushes and clean water spray applied at low pressure. Do not use metal scrapers or metal brushes. Do not use acidic or alkaline cleaners.

CLEANING EXISTING STONEWORK

Wet stone with cold water applied by low pressure spray.

Scrub stone with detergent solution using medium nylon or natural bristle brushes until soil is thoroughly dislodged and can be removed by rinsing.

Rinse with cold water applied by low pressure spray to remove detergent and soil.

SECTION 042113 BRICK MASONRY

SCOPE

The work outlined in this section shall include everything necessary for and incidental to the execution and completion of all work specified herein. The general extent of the exterior masonry and related work includes brick repair and replacement and parapet building for added parapet height required for the purpose of installing rigid insulation on roof with parapet flashing. Currently the parapet height is such that roof insulation cannot be installed.

Included are the following topics:

PART 1 – GENERAL
Scope Summary
Quality Assurance
Submittals
Product Delivery, Storage and Handling
Environmental Requirements
PART 2 – PRODUCTS
Brick Masonry Units
Mortar Materials
PART 3 – EXECUTION
Substrate Preparation
Brick Removal and Replacement
Tuckpointing
Cleaning

PART 1 – GENERAL

SCOPE SUMMARY

Section includes construction of new brick masonry parapets, and maintenance of unit masonry consisting of brick clay masonry restoration as follows:

Repairing unit masonry, including replacing units
Repointing joints

QUALITY ASSURANCE

Restoration Specialist Qualifications. Engage experienced masonry restoration firm with 10 or more years of experience with similar projects to perform work. Firm shall have completed work similar in materials, design and extent to that indicated for this project with a record of successful in-service performance. Experienced installing standard unit masonry to sufficient experience for masonry restoration work.

Restoration Worker Qualifications: Unit installed masons who are familiar and experienced with the materials and methods specified and are familiar with the design requirements shall be used for masonry restoration.

Repointing Mockups: Prepare two separate samples areas of approximately 30" x 36" for each type of repointing required. One sample will be for demonstrating methods and quality of workmanship expected in removal of mortar from joints and the other for demonstrating the quality of material and workmanship expected in pointing mortar joints. Samples should cure a minimum of 14 days prior to inspection by Owner and Architect/Engineer. Inspection shall be based on a viewing distance of 10 feet from unit surface.

SUBMITTALS

Submit product data for masonry cleaning materials
Submit samples of face brick

PRODUCT DELIVERY, STORAGE AND HANDLING

Deliver all materials in their original unopened containers with all markings intact.
Store by stacking on pallets the salvaged and new face brick.

ENVIRONMENTAL REQUIREMENTS

Cleaning shall be performed only when the outside air temperature exceeds 40 degrees Fahrenheit.
Pointing shall be performed only when the outside air temperature exceeds 40 degrees Fahrenheit.
Bricks shall be replaced only when the outside air temperature exceeds 40 degrees Fahrenheit.

PART 2 – PRODUCTS

BRICK MASONRY UNITS

Salvaged face brick

Salvaging of brick for reinstallation at this building is intended to be used for face brick and is intended to be used on all elevations. If an insufficient quantity of salvaged units from this building and available unfoiled brick can be used.

Brick units salvaged from this building for removal shall be sound and free of mortar and dirt. No chips larger than the size of a quarter are acceptable. The contractor and architect shall review salvaged brick units at the start of the project to establish acceptable criteria for acceptance of salvaged units.

Face Brick

Use reclaimed brick for face brick units.

Size, texture and color of reclaimed face brick shall match existing bricks. The process of selecting an appropriate replacement brick units may require several visits to by the contractor.

The contractor shall provide uncoined brick for corners, jambs, sills and special shapes where required.

Corner and jamb units shall have finished faces on the two adjacent sides of the units.

Header brick units shall have a finished face on one end.

Common Brick

Common brick units salvaged from other buildings can be used on this building for backup facing as they are found, in good condition, similar in size, cleaned and free of mortar and dirt, and free of spalls or chips larger than a one inch sphere.

MORTAR

Mortar Materials

Measure cementitious materials and sand in a dry condition by volumer or equivalent weight. Do not measure by shovel, use known measure. Mix materials in a clean mechanical batch mixer.

Mortar Mixing

Thoroughly mix cementitious materials and sand together before adding any water. Then mix again adding only enough water to produce a damp, unworkable mix that will retain its form when pressed into a ball. Maintain mortar in this dampened condition for 30 to 60 minutes. Add remaining water in small portions until mortar reaches fluxed consistency. Use water within 2 ½ hours of initial hydrating. Mortar may be retempered during the 2 ½ hour period.

Mortar Proportions: Mix mortar in the following proportions as determined by Schmitt Technical Services report dated January 8, 2013:

One part Portland cement, 1.2 parts hydrated lime and 2.6 parts sand

Schmitt Technical Services Report

REFER TO SHEET FR 102 FOR THE SCHMITT TECHNICAL SERVICES REPORT

PART 3 – EXECUTION

SUBSTRATE PREPARATION

Exterior masonry surfaces shall be inspected for cracks and or/defective mortar joints and for missing brick.

Any mortar joint that is loose, porous, cracked, crackled, badly weathered (deeper than 1/8" behind original mortar joint raked depth), unbonded to adjacent masonry units, or a potential source of leakage shall be deemed defective.

Any mortar joint that lacks mortar or has lost bond, which can be detected from a maximum distance of 10 feet under clear skies during daylight times shall be deemed defective.

Any previously repaired movement crack or mortar joint with sealant shall be deemed defective.

Spalled, cracked, broken or otherwise defective brick shall be removed and replaced using brick and mortar as indicated herein.

All cracks and/or defective mortar shall be cut out or grouted out to a minimum depth of ¾".

Where mortar is broken loose beyond a depth of ¾", remove to the full depth of the breakage where firm solid mortar is encountered and backpoint. All joints must be cut clean of unbound mortar material in a square manner full depth of cut.

Following this cleaning, the joint shall be thoroughly moistened. The joint shall be damp, but without free water on the surface at the time of pointing.

The cutting of joints and cracks shall be done with suitable tools, either hand tools or mechanical equipment, in such a manner as will not loosen adjacent joints or injure the corners of the masonry units.

After the joint has been cut out, all loose material shall be removed by brush, air jet, or water stream.

Any spalled, broken, or missing brick which can be detected from a maximum distance of 10 feet under clear skies during daylight times shall be deemed defective.

Facing brick which is spalled 1/8" or greater in depth over 10% or more of the face area shall be removed and replaced.

BRICK REMOVAL AND REPLACEMENT

At locations indicated, remove bricks that are damaged, spalled, or deteriorated or are to be reused. Carefully demolish or remove entire units free in joint to joint, without damaging surrounding masonry, in a manner that permits replacement with full size units.

Support and protect remaining masonry that surrounds removal area. Maintain flashing, reinforcement, lintels, and adjoining construction in an undamaged condition.

Remove in an undamaged condition as many whole bricks as possible.

Remove mortar, loose particles, and soil from removed brick by cleaning with hard chisels, brushes and water.

Clean bricks surrounding removal areas by removing mortar, dust, and loose particles in preparation for replacement.

Replace removed damaged brick with other removed brick or reclaimed brick in good quality. Do not use broken units.

Install replacement brick into bonding and coursing pattern of existing brick. If cutting is required, use a masonry saw designed to cut masonry with clean, sharp, uncheipped edges.

Maintain joint width for replacement units to match existing joints.

Lay replacement brick with completely filled bed, head and collar joints. Butter ends with sufficient mortar to fill head joints and shove into place. Wet both replacement and surrounding bricks. Use wetting methods that assure that units are nearly saturated but surface is dry when laid.

Tool exposed mortar joints in repaired areas to match joints of surrounding existing brickwork.

Rake out mortar used for laying brick before mortar sets and point new mortar joints in repaired area to comply with requirements for repointing existing masonry.

When mortar is sufficiently hard to support units, remove shims and other devices interfering with pointing of joints.

TUCKPOINTING

With joints damp, the joints shall be completely filled with mortar placed in layers and firmly pressed into place.

Following at the proper interval, the joint shall be compressed and tooled with a smooth rounded jointed or raised width to produce a smooth, dense surface, very slightly concave, or similar depth as typically existing, and tightly pressed against the edges of the masonry units. Complete by gently brushing face of joint to match existing rough texture.

CLEANING

After mortar has fully hardened, thoroughly clean exposed masonry surfaces of excess mortar and foreign matter, use wood scrapers, medium or stiff nylon or fiber brushes, and clean water, spray applied at low pressure. No metal scrapers or brushes are to be use. No acidic or alkaline cleaners are to be used.

SECTION 047010 CLAY WALL COPING

PART 1 – GENERAL

Furnish all labor, materials, tools and equipment to perform all work necessary and incidental to providing and installing new clay wall coping where missing and/or receiving and re-installing existing clay wall coping

PART 2 – PRODUCTS

Clay wall coping shall be the product of an established specialty player. The plant shall be that of a producer recognized by the industry as a manufacturer of this type of material, who can show successful completion of work of comparable quality and scope.

New clay wall coping shall match existing wall coping in size, glaze color, texture, profile and shape. Full size clay wall coping samples shall be submitted to architect for approval.

New clay wall coping shall be free of crazing, blisters, pinholes, staining, chipping or other imperfections as viewed from 15 feet away.

Clay wall coping that is removed and reinstalled shall be cleaned of all remaining setting bed materials including, but not limited to, mortar and sealant. All dirt and debris shall be removed from all faces of the clay wall coping prior to reinstallation.

All material shall be delivered, stored and handled so as to prevent deterioration or the intrusion of any foreign matter. Materials shall be stored off ground to prevent contamination by mud, dust or materials likely to cause staining or other defects.

Clay wall coping shall be supplied by Superior Clay Corporation, Uhrichsville, Ohio or equal

PART 3 – EXECUTION

Wet all clay coping units thoroughly prior to installation

Set all clay copings in full beds of mortar. Set true and level.

After each unit is set remove excess mortar or mortar smears. Where mortar residue remains use proprietary cleaners only such as detergents or mild acids such as citrus acids. No hydrochloric, hydrofluoric or muriatic acids are to be used.

SECTION 085500 EXISTING MASONRY CLEANING

PART 1 – GENERAL

Furnish all labor, materials, tools and equipment and perform all work necessary for and incidental to cleaning brick and clay coping as specified herein.

The purpose of the cleaning is to remove dirt, stains, cracks and surface contamination without damage to the existing masonry surfaces. Also includes removal of paint graffiti. The intent of the cleaning is not expected to return the Facade to 100% clean or new appearance.

Perform cleaning mockup samples for review and approval by architect. Mockup samples are to be used as the standards for the project.

PART 2 – PRODUCTS

Water used for cleaning is to be potable water

Water shall be heated to a temperature of 140 to 160 degrees Fahrenheit.

Ish Mixed Detergent Solution – Solution is to be prepared by mixing 2 cups of tetrasodium polyphosphate, ½ cup of laundry detergent and the balance to be hot water for every 5 gallons of cleaning solution.

Medium bristle brushes with natural fibers or plastic fibers

Light duty paint strippers such as Cathedral Stone Products S-303 paint stripper or equal for use on graffiti.

PART 3 – EXECUTION

Wet masonry with cold water applied with by low pressure spray

Scrub masonry with detergent solution using medium bristle brushes until soil is thoroughly dislodged and can be removed by rinsing.

Rinse with cold water applied by medium pressure spray to remove detergent and soil. Spray pressure to be no higher than 200 psi.

For removal of graffiti apply and remove stripper per manufacturer's recommended application and removal instructions. Collect filled paint and dispose of in accordance with local, state and federal government regulations.

GENERAL SHEET NOTES

A. REMOVE ALL GRAFFITI PER SPECIFICATIONS
B. SEE AS4.0.1 FOR REMOVAL OF CMU & BRICK WINDOW INFILL

REPAIR KEYNOTES

TUCKPOINTING

BRICK REPLACEMENT

REPLACE OR REHABILITATE SILL/BELT COURSE

REPLACE CLAY CAP WHERE BROKEN OR MISSING

REPLACE OR REPAIR INDIVIDUAL DAMAGED BRICKS OR JOINTS PER SPECIFICATIONS

TUCKPOINTING
TYPICAL TUCKPOINTING IS THE REMOVAL OF SURFACE MORTAR TO A DEPTH OF 3/4 OF AN INCH AND REPLACING IT WITH SUITABLE MORTAR

BRICK REPLACEMENT:
INVOLVES REPLACING ALL MISSING AND DAMAGED BRICK, SOMETIMES MULTIPLE WYTHES DEEP IN AREAS WHERE THE MASONRY IS DEFECTIVE.

REFERENCE KEYNOTES

1. RAISE PARAPET AS NEEDED TO ACCOMMODATE ROOF INSULATION
2. PRESERVE ORIGINAL SHADOW LETTERING

GARVER FEEDMILL REDEVELOPMENT PLAN

3241 GARVER GREEN
MADISON, WI 53704

Owner:
GARVER FEED MILL LLC
1030 W. Chicago Avenue Ste. 200
Chicago, IL 60642

BAUM REVISION
real estate development

SMITHGROUP JJR

THE KALA ALTMAN SCHMITT INSTITUTE

STRUCTURAL integrity INC

design coalition
Architects • Madison, WI

BACHMANN CONSTRUCTION

ISSUED FOR	REV	DATE
		5/2/2018

SEALS AND SIGNATURES

SHEET TITLE
FACADE REPAIR SPECIFICATIONS

PROJECT NUMBER

SHEET NUMBER
AR4.0.2

Plot Date: 4/19/2016 4:09:04 PM GRLM

SCHMITT TECHNICAL SERVICES REPORT

Schmitt

January 9, 2013

Mr. Peter Anderson
Facility Engineering, Inc
101 Dumpster Road
Madison, WI 53714

RE: Laboratory Analysis on Brick and Masonry Mortar, Garver Feed Mill Evaluation Project, Madison, WI

Dear Mr. Anderson:

Schmitt Technical Services, Inc. (STS) has completed laboratory testing to evaluate condition, composition and quality of samples taken from clay brick and masonry mortar as part of an evaluation into cause of existing structures at the Garver Feed Mill, Madison, WI. The Garver Mill building was reported to be constructed in 1905/1906. The samples were received at STS on December 12, 2012. Sample identifications are provided in Table 1.

Table 1 - Sample Identifications, Descriptions and Tests Performed

Facility Eng. ID	Sample Description	Testing Performed
(EASM)	Face Masonry Mortar Fragments	ASTM C 1324
(EBXLM)	Clay Brick	ASTM C 67 Section, Absorption & Sat. Coeff.
(EAXSM)	Clay Brick	ASTM C 67 Section, Absorption & Sat. Coeff.
(EFXSM)	Clay Brick	ASTM C 67 Compressive Strength
(EFXLM)	Clay Brick	ASTM C 67 Compressive Strength
(EBXLC)	Clay Brick	ASTM C 67 Compressive Strength
(EBXSM)	Clay Brick	ASTM C 67 Section, Absorption & Sat. Coeff.
(EAXLM)	Clay Brick	ASTM C 67 Section, Absorption & Sat. Coeff.
(EEXSC)	Clay Brick	ASTM C 67 Compressive Strength
(EEXSM)	Clay Brick	ASTM C 67 Section, Absorption & Sat. Coeff.
(EFXSC)	Clay Brick	ASTM C 67 Compressive Strength

The following analyses were performed:

(a) Petrographic and chemical analyses on the masonry mortar to determine the cementitious to sand ratio and masonry type by ASTM C1324; and

(b) Conducted physical testing, absorption, compressive strength and saturation coefficient according to ASTM C67 on clay brick samples.

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Analysis of Masonry Mortar and Clay Brick
Garver Feed Mill, Madison, WI
STS Project No. 12098
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FINDINGS AND CONCLUSIONS

Chemical analysis results are summarized in Table 2 and discussed below. Petrographic results are discussed in Section 4.0.

1. The mortar sample was analyzed for calcium oxide, insoluble residue and loss on ignition (LOI) at 105, 550 and 950 C from this data, composition content of the hardened sample was calculated. Results are summarized in Table 2 below.

Table 2: Chemical Analysis Results for Garver Feed Mill Masonry Mortar (ASTM C 1324)

STS Project No.:	12098	Report Date:	Jan. 9, 2013
Client:	Facility Engineering	Examined By:	Jenna Schmitt
Project:	Garver Feed Mill Evaluation	Method:	ASTM C 1324
Location:	Madison, WI	Analyst:	Elizabeth Ortman
Submitter:	Peter Bloedel-Anderson		
Lab Determined Components (as %)			**Mortar**
Calcium oxide			48.39
Insoluble residue (ir)			35.73
LOI @ 105 C			9.44
LOI @ 550 C			3.49
LOI @ 950 C			5.14
Calculated Carbonate CO_2			**Mortar**
Acidified Carbonate CO_2			42.34
Hydroxyl (OH) %			8.49
Sand %			35.73
% Hydroxyl Lime, Sand Volumetric Proportion			**1.0 : 1.7 : 7.4**

Notes: (1) Ratios are calculated based on loose volumetric proportions using loose bulk density of 94 pcf for Portland Cement (PC), 40 pcf for hydrated lime and 80 pcf for sand.

2. That, the chemical analysis determined the Portland cement/hydrated lime/sand/aggregate ratio of the masonry mortar to be:

Mortar Sample
(Portland cement : Hydrated Lime : Aggregate volumetric proportion)
Mortar	**1.0 : 1.0 : 6.0**

3. Petrographic examination reveals the masonry mortar to be composed of a mixture of calcareous and siliceous (primarily quartz and feldspar) natural sand as aggregate (Figure 4) encased in a highly carbonated Portland cement paste matrix (Figure 1). Measured maximum aggregate size is 1 mm (0.12 in. as passing the No. 14 U.S. standard mesh sieve screen). Coarser sizes are rarer. Most of the aggregate is finer than 0.5 mm (or passing a 35 mesh screen). Figure 6). Thus, the aggregate is close to but slightly finer

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than the gradation required in ASTM C 144 (Standard Specification for Aggregate for Masonry Mortar). The sand appears durable and is performing as intended. This sand is typical of glacial sands in the region often used as concrete and masonry aggregate.

4. A small amount of hydrated lime is present in the mortar matrix: cement-sized balls (Figure 3) and is estimated to be less than 1% by volume of paste (see also Table 2). No supplementary cementitious materials are observed. The cement is well hydrated as there are very few residual cement particles or even relicts of cement particles present. Properties of the mortar suggest a water-cement ratio estimated to be in the range of 0.40-to-0.32. However, the paste now is soft, very porous and contains numerous microcracks (Figure 5), likely a result of freeze/thaw damage. Many of these microcracks are lined to filled with secondary calcium carbonate, suggesting moisture has migrated through the mortar, leached calcium from the cement paste and redeposited the calcium as calcium carbonate.

5. The mortar is porous contained with many of the voids being small-to-large and irregularly shaped. Air content is estimated to be 8-to-12%. The air voids are lined with secondary deposits of calcium carbonate and ettringite, also suggesting migration of moisture into the mortar, and thus, being susceptible to freeze/thaw damage when saturated.

6. Petrographic observations and the mortar proportions provided in Table 2 yield a composition that would be similar to a Type O Cement-Lime Mortar, as classified in ASTM C 270, "Standard Specification for Mortar for Masonry Units", even though ASTM C 270 was not in existence at the time this mortar was placed. An ASTM C 270 Type O Cement-Lime Mortar is expected to have a 28 day, minimum, average compressive strength of 350 psi. Table XI 1 of the Appendix of ASTM C 270 indicates a Type O mortar is suitable for interior, non-load bearing partitions and exterior above grade, non-load bearing walls that are not likely to be frozen when saturated.

7. Brick compressive strength test results are provided in Table 3 below.

Table 3: ASTM C 67 Brick Compressive Strength Test Results

Facility Eng. ID	(EBXSM)	(EBXLM)	(EEXSM)	(EEXLM)	(EFXSM)	(EFXLM)	Average
Length (in)	3.97	3.99	3.99	3.95	3.96		
Width (in)	1.71	1.72	1.65	1.73	1.72		
Height (in)	3.14	3.15	3.12	3.14	3.14		
Load (lbs)	15,630	9,020	10,640	14,410	17,020		
Compression (psi)		6,56	7,46	7,34	7,94	7,26	
Strength (psi)							

Notes: (1) - Failed compressive strength test, sample crushed.

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8. ASTM C 62, "Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)" requires that for exposure to severe weathering conditions (Grade SW), brick must have a minimum compressive strength of 2,500 psi for an individual brick and 3,000 psi for an average of 5 bricks. Data in Table 3 indicate the in place project brick do not meet the average strength requirement and only one of the five bricks tested meets the individual strength requirement. The data does suggest some variability in strength, possibly due to certain locations being in better condition and higher strength than others. Thus, the data has to be analyzed against the field survey observations.

9. Brick absorption test results are provided in Table 4 Below.

Table 4 - ASTM C 67 Brick Absorption Test Results

Facility Eng. ID	(EASM)	(EBXSM)	(EBXLM)	(EEXLM)	(EFXLM)	Average
Initial Rate of Absorption (g/min/30in²)	27.8	11.0	21.9	11.9	9.9	20.7
24 hr. Absorption	-	12.1	16.6	10.7	11.5	16.3
5 hr. Boil Absorption	26.8	22.6	19.0	-	14.3	19.9
Saturation Coefficient	0.79	0.86	0.87	0.79	0.86	0.82

Notes: Initial rate of absorption was calculated on a 30 in² area.

10. For new building construction, the Wisconsin Department of Administration, Division of State Facilities (DSF) requires the initial rate of absorption to be a minimum of 15 gram/30in² for an individual brick and a minimum of 20 gram/30in² for an average of five bricks. The project bricks meet this requirement. DSF also requires the initial rate of absorption to be a maximum of 55 gram/30in² for an individual brick and a maximum of 20 gram/30in² for an average of five bricks. The individual maximum requirement is exceeded in two of the bricks and the average of five is at the upper limit requirement. Again, the data has to be analyzed against the field survey observations to best sort out this variability.

11. ASTM C 62 also has requirements pertaining to severe weathering conditions for absorption and saturation coefficient. For Grade SW brick, the 24 hour absorption should not exceed 8% for 5 individual bricks. All of the bricks exceed the 8% requirement.

12. ASTM C 62 states that if the 24 hour absorption requirement is exceeded, the brick should be evaluated by both the 5 hour boil absorption and the saturation coefficient. Five hour boil absorption for Grade SW's should not exceed 17% for an average of 5 bricks and 20% for an individual brick. Two of the bricks exceed the individual maximum requirement for 5 hour boil absorption. The average of five bricks for the 5 hour boil exceeds the maximum limit.

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January 9, 2013

13. ASTM C 62 states the saturation coefficient shall not exceed 0.78 for an average of 5 bricks and 0.80 for an individual brick. Three of the bricks exceed the maximum saturation coefficient for individual brick. The average of five bricks exceeds the 0.78 requirement.

14. Based on the testing and analyses performed, condition and quality of the masonry in sample determination in location 16 were mixed: the present quality is poor. In other areas the condition and quality in comparison. All Hardened Brick testing should be done to further delineate acceptable from unacceptable areas. It should be noted, that none of the existing (project masonry) is even close to the quality and long-term, lower maintenance of new masonry.

Additional details of the petrographic examination are provided later in this report.

EXPERIMENTAL PROCEDURES

Chemical Analysis

Chemical analysis of the mortar was performed per ASTM C 1324, "Standard Test Method for Examination and Analysis of Hardened Masonry Mortar." Determination of calcium oxide level was performed using ASTM C 114, "Standard Test Method for Chemical Analysis of Hydraulic Cement, Section 9, Determination Hydroxide and Section 15 Calcium Oxide."

Petrographic Analysis

The mortar was examined using techniques and procedures outlined in ASTM C 1324, "Standard Test Method for Examination and Analysis of Hardened Masonry Mortar." And ASTM C 856, "Standard Practice for Petrographic Examination of Hardened Concrete" and the Federal Highway Administration's Publication No. FHWA-HRT-04-150, "Petrographic Methods of Examining Hardened Concrete: A Petrographic Manual."

The mortar examination included cutting the sample longitudinally followed by lapping one half of the sample slice with successively finer lapping grits to produce a finely ground and nearly polished surface of the entire mortar thickness. The lapped surface and freshly broken surfaces of the specimen were examined visually with the unaided eyes and under a stereomicroscope at magnifications of 7 to 40X.

In addition, a thin section was made from the mortar, in accordance with ASTM C 1324, "Standard Test Method for Examination and Analysis of Hardened Masonry Mortar." And ASTM C 856, "Standard Practice for Petrographic Examination of Hardened Concrete." The thin section and microscopic examination were examined under plane and cross-polarized light at magnifications of 40 to 400X, using a petrographic light microscope.

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Estimates of water-to-cement ratio were done using techniques outlined in FHWA-HRT-04-150 and methods developed by Dr. Donald Campbell (unpublished).

Physical Testing of Clay Brick

Absorption, compressive strength, initial rate (absorption (sorption) and saturation coefficient of the clay brick were determined using methods outlined in ASTM C 67, "Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile."

PETROGRAPHIC EXAMINATION

Masonry Mortar

General Description

The sample consists of two (2) mortar fragments identified as "EI ASI 5" (Figures 1 and 2). One fragment has dimensions of 2.1-to-1.9 in. by 1 in. by 5 in. the other fragment has dimensions of 3 in. by 1-3/4 in. by 1 in. The top and bottom surfaces of the fragments are flat imprints of adjacent bricks; thus, the specimens represent the full thickness of a mortar joint. Side of the fragments are mostly broken surfaces, although a few surfaces are weathered. Tooled mortar surfaces and one surface is the overflow spillage of the back side of a brick.

Mortar Aggregates

The aggregate is uniformly dispersed throughout the mortar. Measured maximum aggregate size is 1 mm (0.12 in. or passing the No. 14 U.S. standard mesh sieve screen). However, coarser sizes are rare. Most of the aggregate is finer than 0.5 mm (or passing a 35 mesh screen, Figure 3). The aggregate is close to but slightly finer than the gradation required in ASTM C 144 (Standard Specification for Aggregate for Masonry Mortar).

Aggregate is natural sand composed of a wide variety of rock and mineral types including quartz, feldspar, chert, chalcedony, dolomite and granite (Figure 4). Quartz is the most prominent mineral component of the aggregate. Aggregate is translucent, brown, tan and beige. Aggregate is hard, dense, sub-angular to well-rounded, mainly equant in shape and has a smooth surface texture.

The aggregate does not exhibit deterioration as evidence of poor service performance. Rather, the aggregate observed appears to be performing as intended.

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The cement is well hydrated as there are very few residual cement particles or even relicts of cement particles present. Calcium hydroxide content, a normal hydration product, cannot be discerned due to extensive paste carbonation. Hydrated lime is present in the mortar (Figure 3).

Properties of the paste previously described are evaluated to provide an estimate of the water-to-cement ratio. Based on paste properties observed, water-cement ratio is estimated to be moderate, that is, estimated to be in the range of 0.40-to-0.32.

There are numerous microcracks in the paste (Figure 5). Likely a result of freeze/thaw damage. Many of these microcracks are lined to filled with secondary calcium carbonate, suggesting moisture has migrated through the mortar, leached calcium from the cement paste and redeposited the calcium as calcium carbonate.

Mortar Air Voids

There are numerous small-to-large, irregularly shaped voids typical of entrapped air (Figure 5), but no smaller spherical voids typical of entrained air. Therefore, the mortar is non-air entrained.

Air content is estimated to be 8-to-12% by volume. The air voids are lined secondary deposits of calcium carbonate and ettringite, suggesting migration of moisture into the mortar.

We sincerely appreciate your choice of Schmitt Technical Services, Inc. to assist you in this evaluation. If you have any questions or need additional consultation, please contact us.

Sincerely,

Schmitt Technical Services, Inc.

Elizabeth M. Ortman
Chief of Materials Testing Service

Facility Engineering
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Garver Feed Mill, Madison, WI
STS Project No. 12098
January 9, 2013

Figure 1 - Mortar Sample "EI ASI 5" as received at the laboratory for testing. Top side is tooled surface, bottom side is broken.

Figure 2 - Mortar Sample "EI ASI 5" as received at the laboratory for testing. Top side is tooled surface, bottom side is broken.

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Figure 3 - Photomicrograph (long the lapped surface) of the mortar sample. The nonpolar fine natural sand aggregate is obscured in a cement paste matrix that is off-white. Red arrow points to a hydrated lime ball. Magnification unknown.

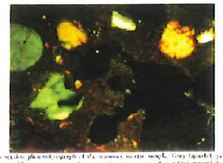

Figure 4 - Thin section photomicrograph of the masonry mortar sample. Very liquified yellow epoxy, gold (gray-black) and brown (opaque-black) aggregate particles are set in a fine grained dark brown cement paste. Magnification 100X. Plane polarized light.

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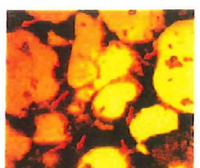

Figure 5 - Thin section photomicrograph of the masonry mortar sample. Red arrows point to microcracks present throughout the cement paste matrix. 100X magnification. Plane polarized light.

GENERAL SHEET NOTES

A. REMOVE ALL GRAFFITI PER SPECIFICATIONS

B. SEE AS4.0.1 FOR REMOVAL OF CMU & BRICK WINDOW INFILL

REPAIR KEYNOTES

- TUCKPOINTING
- BRICK REPLACEMENT
- REPLACE OR REHABILITATE SILL/BELT COURSE
- REPLACE CLAY CAP WHERE BROKEN OR MISSING
- REPLACE OR REPAIR INDIVIDUAL DAMAGED BRICKS OR JOINTS PER SPECIFICATIONS

TUCKPOINTING:
TYPICAL TUCKPOINTING IS THE REMOVAL OF SURFACE MORTAR TO A DEPTH OF 3/4 OF AN INCH AND REPLACING IT WITH SUITABLE MORTAR

BRICK REPLACEMENT:
INVOLVES REPLACING ALL MISSING AND DAMAGED BRICK SOVETIMES MULTIPLE WYTHES DEEP IN AREAS WHERE THE MASONRY IS DEFECTIVE.

REFERENCE KEYNOTES

1. RAISE PARAPET AS NEEDED TO ACCOMMODATE ROOF INSULATION
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GARVER FEEDMILL REDEVELOPMENT PLAN

3241 GARVER GREEN
MADISON, WI 53704

Owner:
GARVER FEED MILL LLC
1030 W. Chicago Avenue Ste. 200
Chicago, IL 60642

BAUM REVISION
real estate development

SMITHGROUP JJR

KW

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		5/2/2016

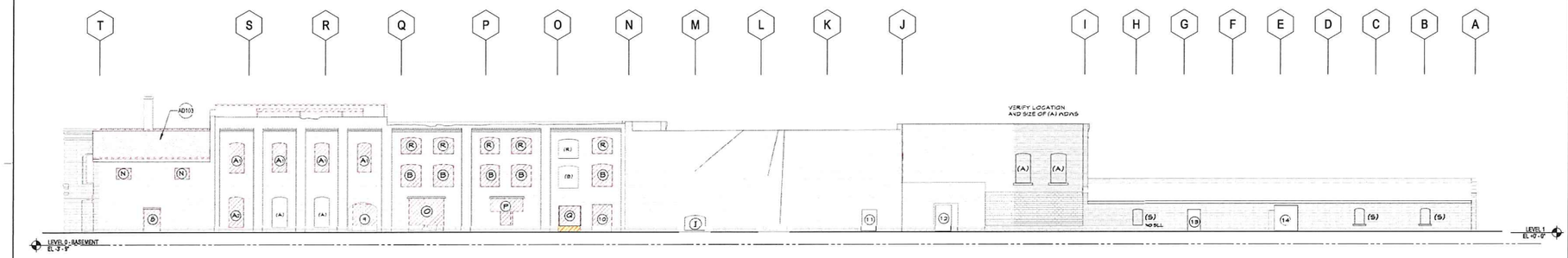
SEALS AND SIGNATURES

SHEET TITLE
SCHMITT TECHNICAL SERVICES REPORT

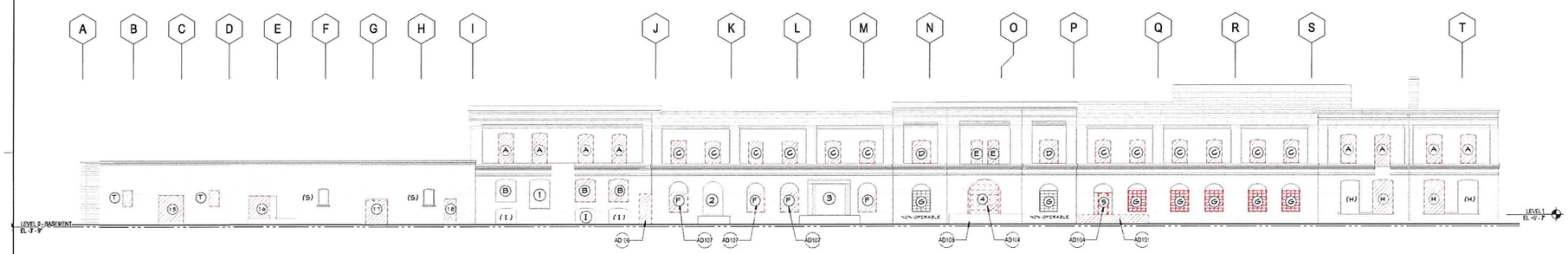
PROJECT NUMBER

SHEET NUMBER
AR4.0.3

Plot Date: 4/19/2016 4:09:04 PM GRLM



1 NORTH DEMO ELEVATION
SCALE: 1/16" = 1'-0"

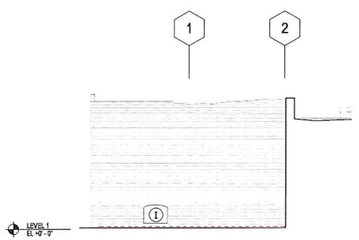


2 SOUTH DEMO ELEVATION
SCALE: 1/16" = 1'-0"

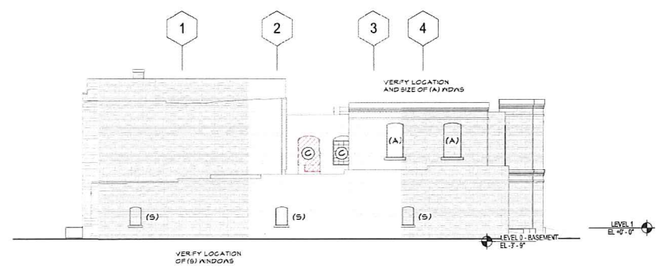
KEY NOTE WITH PARENTHESES ON ELEVATIONS INDICATES OPENING WITH MASONRY INFILL

WINDOW SCHEDULE

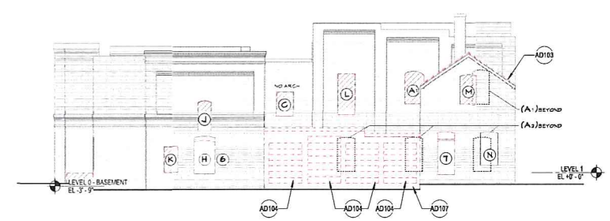
ID#	QTY.	MATL		ID#	QTY.	MATL
A	16	WOOD		K	1	WOOD
B	8	WOOD		L	1	M.O.
C	15	STEEL		M	1	WOOD
D	2	STEEL		N	4	M.O.
E	2	STEEL		O	1	STEEL
F	4	BRICK		P	1	STEEL
G	7	STEEL		Q	1	STEEL
H	5	STEEL		R	5	NOT DOC.
I	1	WOOD		S	8	BRICK
J	1	M.O.		T	2	WOOD



5 PARTIAL ELEVATION - NORTH LOOKING EAST
SCALE: 1/16" = 1'-0"



4 WEST DEMO ELEVATION
SCALE: 1/16" = 1'-0"



3 EAST DEMO ELEVATION
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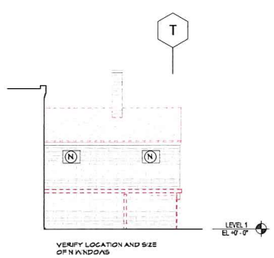
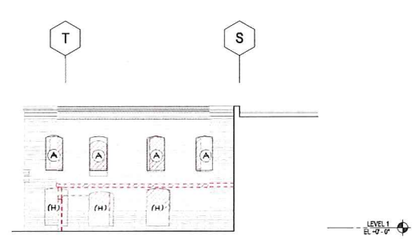
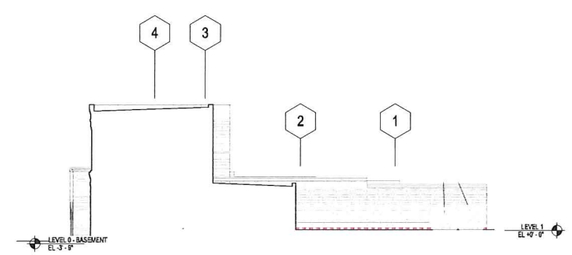


8 PARTIAL ELEVATION - WEST LOOKING NORTH
SCALE: 1/16" = 1'-0"



7 PARTIAL ELEVATION - WEST LOOKING SOUTH
SCALE: 1/16" = 1'-0"



6 PARTIAL ELEVATION - NORTH LOOKING WEST
SCALE: 1/16" = 1'-0"

GRAPHIC LEGEND

GENERAL SHEET NOTES

A. REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.

B. REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.

C. REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.

D. REFER TO THE A4.X SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS.

E. REFER TO THE A5.4.X SERIES SHEETS FOR EXTERIOR WINDOW AND LOUVER FRAME ELEVATIONS.

F. FINISH FLOOR ELEVATIONS PROVIDED BY GENERAL CONTRACTOR. CONFIRM ALL CRITICAL FINISH FLOOR ELEVATIONS PRIOR TO CONSTRUCTION.

REFERENCE KEYNOTES

AD101 REMOVE CONCRETE SLAB.
AD103 REMOVE ROOFING INCLUDING SHEATHING/DECKING
AD104 REMOVE DOOR AND HARDWARE
AD106 REMOVE WOOD DOGHOUSE STRUCTURE.
AD107 REMOVE EXISTING BRICK AND PROTECT FOR FUTURE REUSE. PREPARE OPENING FOR NEW WINDOW AND FRAME TO MATCH

03/21/08

○ SHEET KEYNOTES

AD101 REMOVE CONCRETE SLAB.
AD103 REMOVE ROOFING INCLUDING SHEATHING/DECKING
AD104 REMOVE DOOR AND HARDWARE
AD106 REMOVE WOOD DOGHOUSE STRUCTURE.
AD107 REMOVE EXISTING BRICK AND PROTECT FOR FUTURE REUSE. PR FOR NEW WINDOW AND FRAME TO MATCH EXISTING.
AD108 EXISTING RAMP TO REMAIN.

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Madison, Wisconsin

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MADISON, WI 53704

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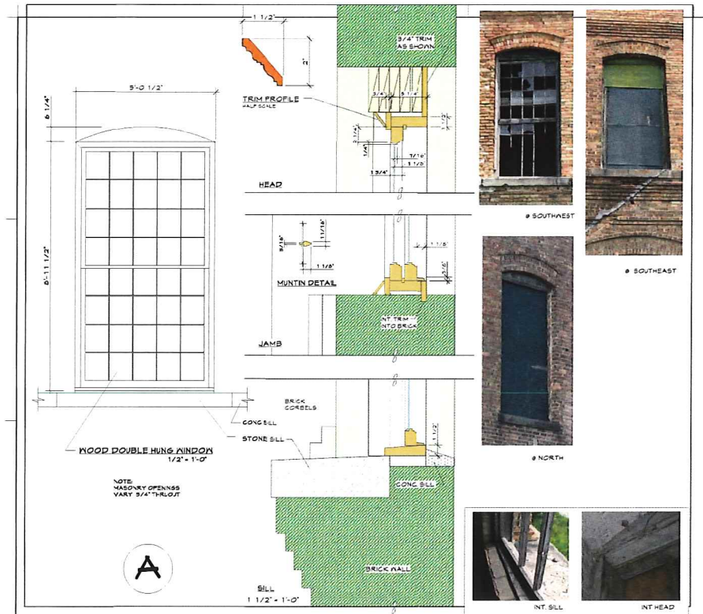
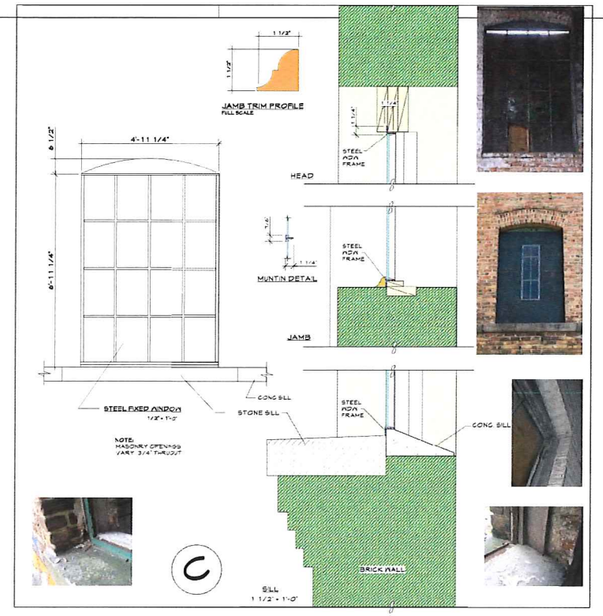
EXISTING OPENING DOCUMENTATION - ELEVATIONS

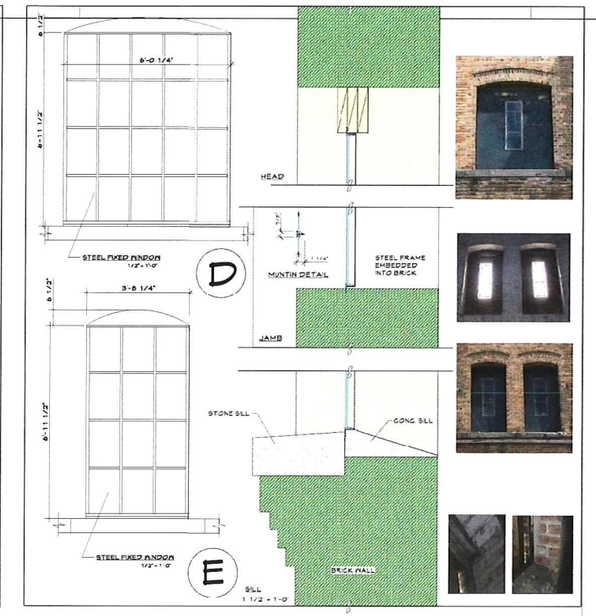
20737.000
PROJECT NUMBER

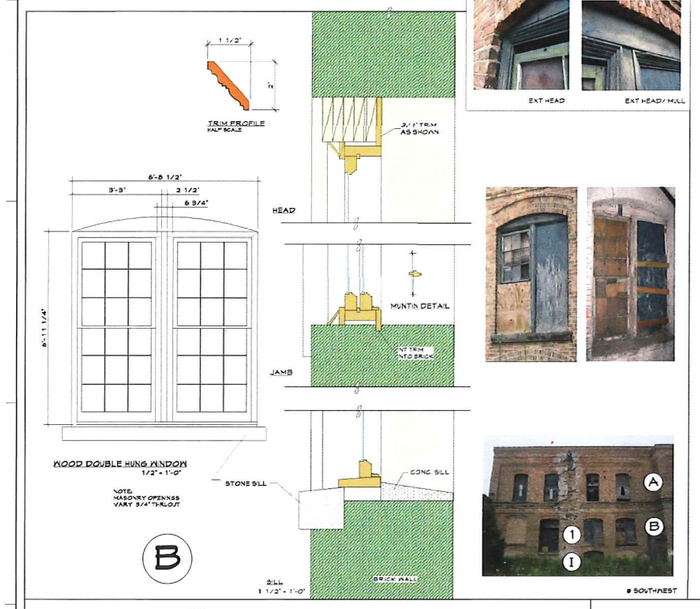
AW4.0.1
SHEET NUMBER

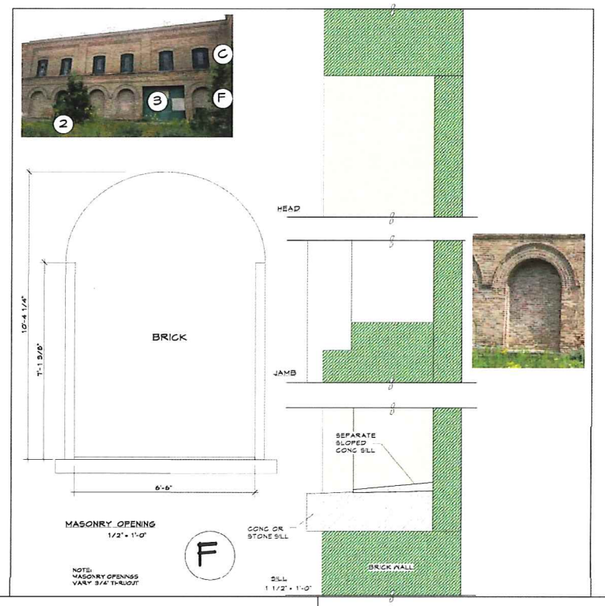
Plot Date: 5/9/2016 12:12:22 PM Author

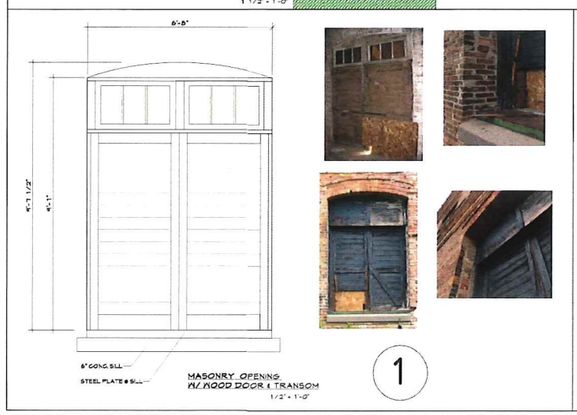


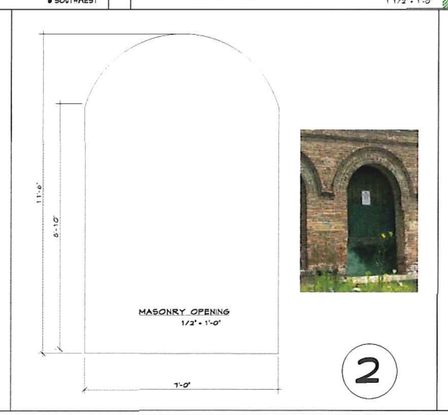


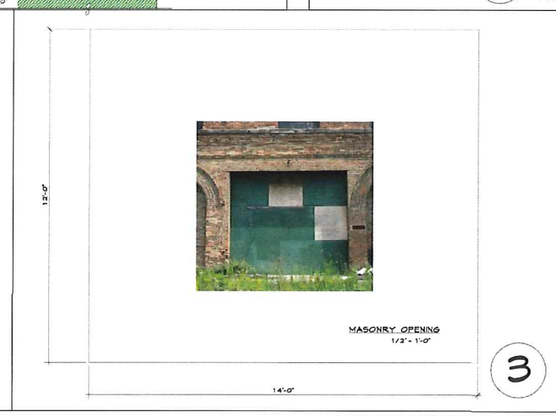


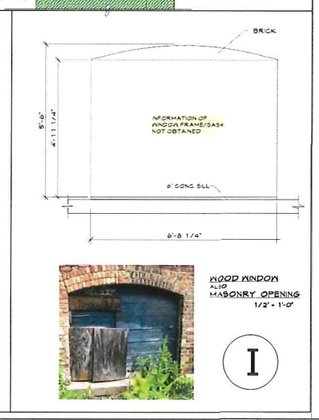












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MADISON, WI 53704

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Chicago, IL 60642

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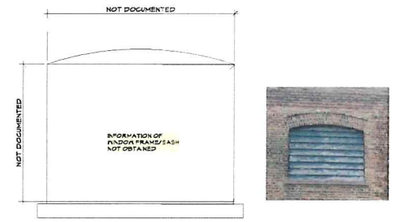

MASONRY OPENING
1/2" = 1'-0"

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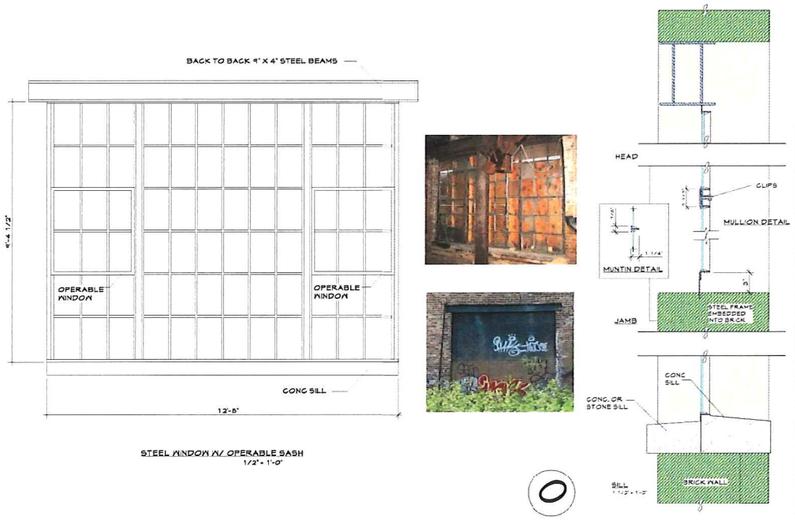
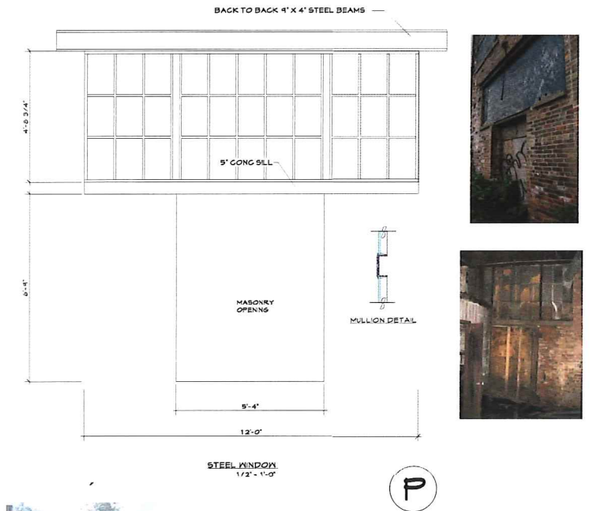


STEEL WINDOW W/ OPERABLE SASH
1/2" = 1'-0"

O



STEEL WINDOW
1/2" = 1'-0"

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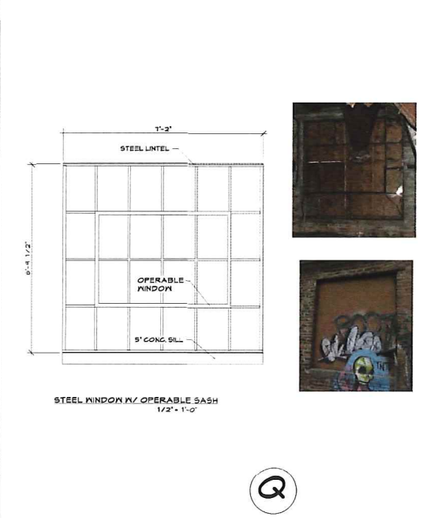
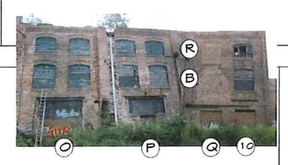
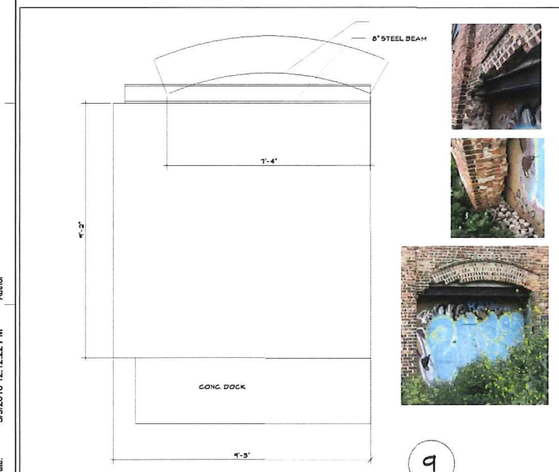


STEEL WINDOW W/ OPERABLE SASH
1/2" = 1'-0"

Q





MASONRY OPENING
1/2" = 1'-0"

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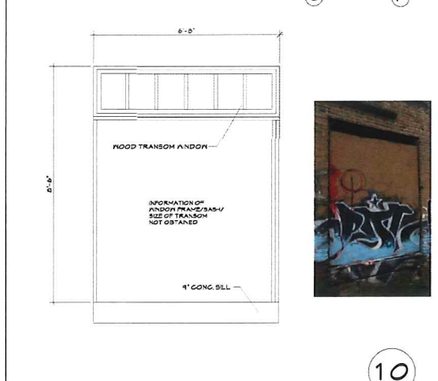

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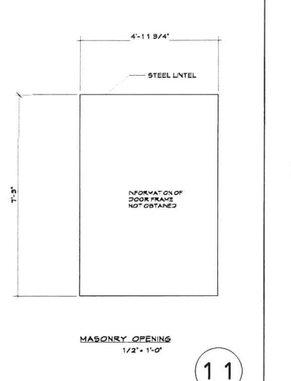

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1/2" = 1'-0"

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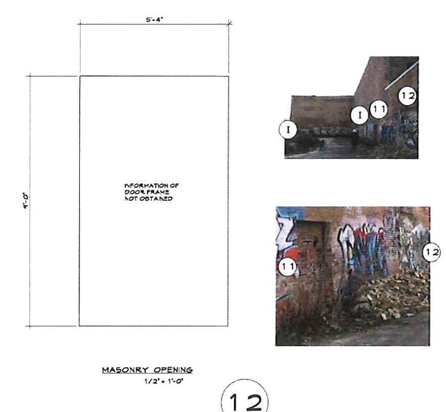

MASONRY OPENING
1/2" = 1'-0"

12

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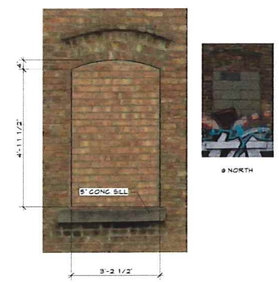

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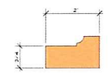
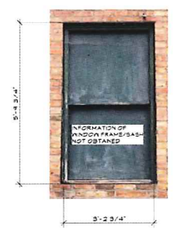
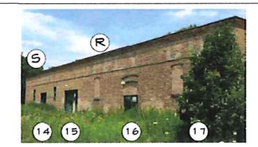


JAMB TRIM PROFILE
HALF SCALE



WOOD DOUBLE HUNG WINDOW
1/2" = 1'-0"

T



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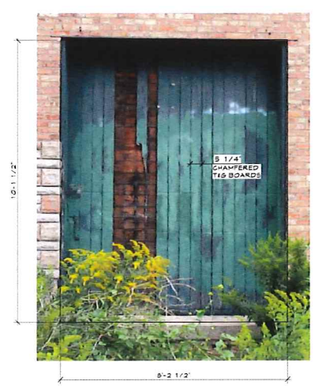
1/2" = 1'-0"

18

13

14

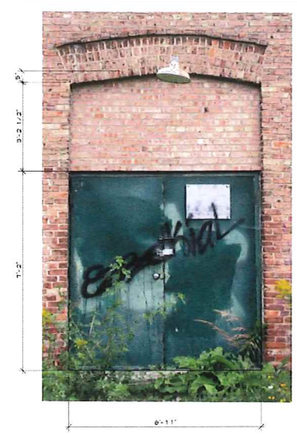


MASONRY OPENING
1/2" = 1'-0"

15

MASONRY OPENING
1/2" = 1'-0"

16



MASONRY OPENING
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