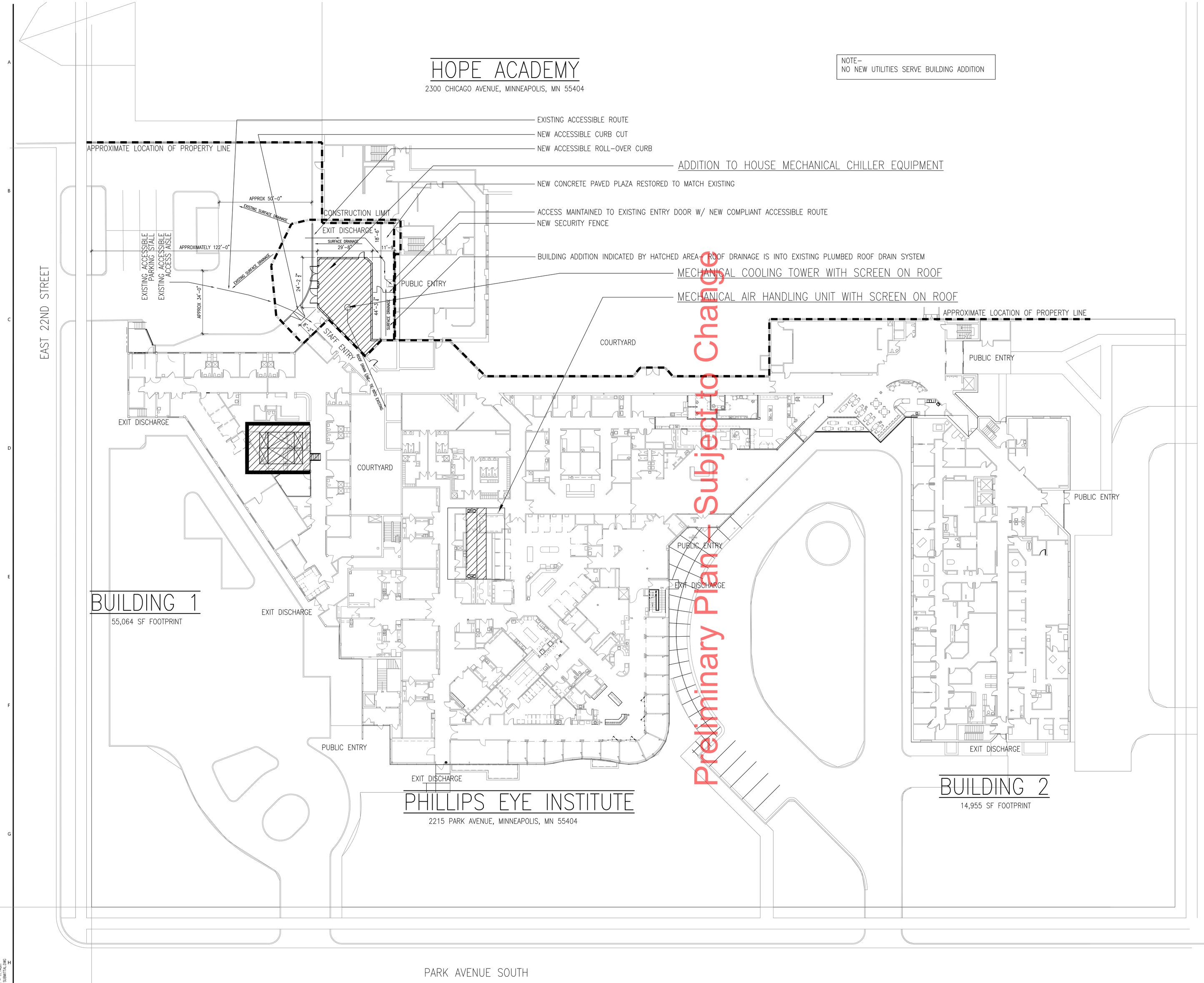
HOPE ACADEMY

2300 CHICAGO AVENUE, MINNEAPOLIS, MN 55404

NOTE–
NO NEW UTILITIES SERVE BUILDING ADDITION



1H / 100.NEW NEW SITE DESIGN
1/20" = 1'–0"

Allina Phillips Eye Mechanical Room Addition

BWBR

380 St. Peter Street, Ste. 600
Saint Paul, MN 55102
651.222.3701
bwbr.com

Consultants

This document may be an electronic file or may be printed from an electronic file provided to the user. It is the sole responsibility of the user to ensure that the content and quality is consistent with the content and quality of the paper documents on file at BWBR.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of Minnesota

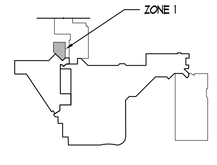
Name

Date SEP 12, 2011 Reg. No. 16389

Issued For

Item	Date
CITY MEETING	9/1/11
CD ISSUE	9/12/2011

THIS SHEET MAY BE A REDUCED COPY.
THE BAR ABOVE IS 1" LONG ON A FULL SIZE SHEET. DRAWINGS SCALES APPLY TO FULL SIZE SHEETS.



KEYPLAN

KEYPLAN

Date	Drawn
SEP 12, 2011	DPL
Comm. No.	Checked
3.2011171.00	KF

Sheet Title

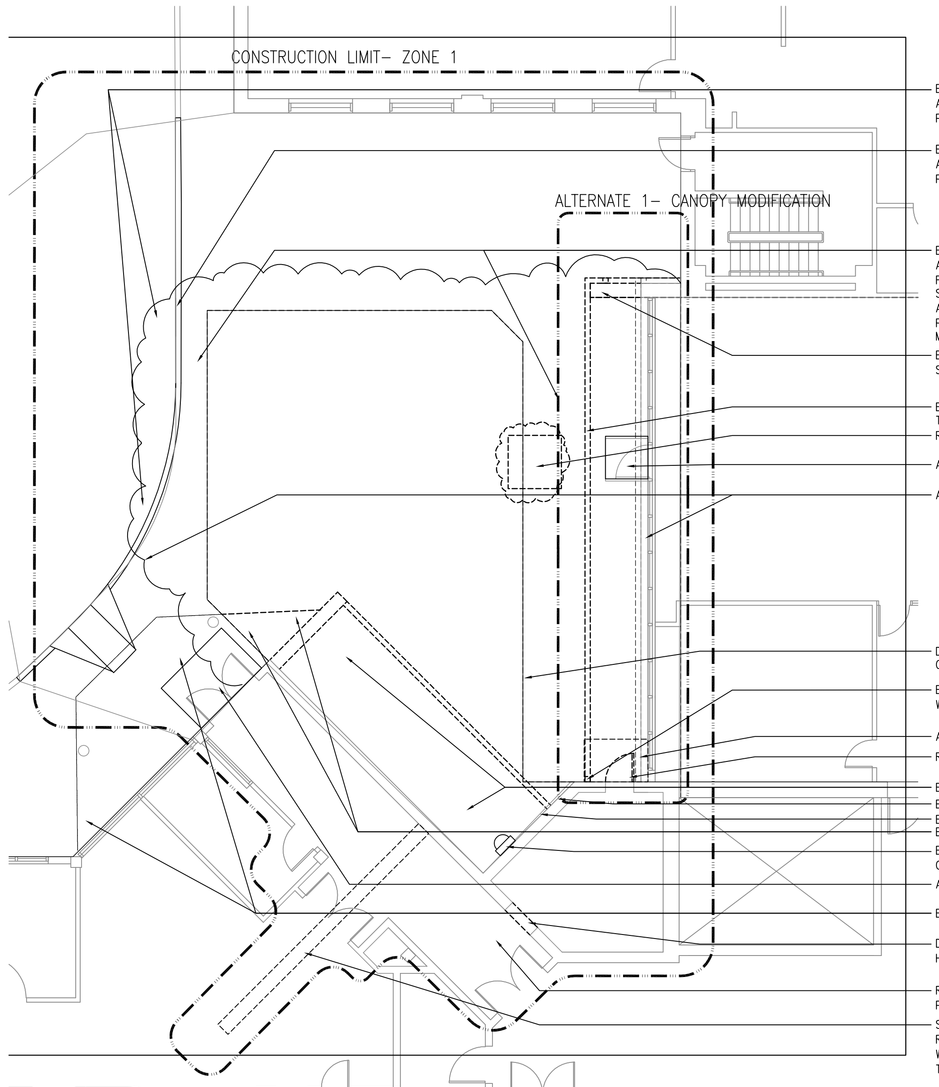
NEW SITE DESIGN

Sheet No.

100.NEW

Copyright BWBR

Last user: 4700
Date: Wed, 21 Sep 2011 – 11:14am
Dwg Loc: 100.NEW 2011 SDMM.dwg



EXISTING ASPHALT DRIVE– SAW CUT AND REMOVE AS REQ'D FOR EXPANSION CONSTRUCTION– PATCH W/ ASPHALT TO MATCH EXISTING

EXISTING CONCRETE CURB– SAW CUT AND REMOVE AS REQ'D FOR EXPANSION CONSTRUCTION– PATCH W/ CONCRETE CURB TO MATCH EXISTING

ENTIRE AREA EXCLUDING PLANTING AREAS NOTED PAVED WITH CONCRETE (BROOM FINISH AND EXPOSED AGGREGATE)– SAW CUT AND REMOVE EXISTING CONCRETE AS REQ'D FOR EXPANSION CONSTRUCTION– PATCH W/ CONCRETE TO MATCH EXISTING– MATCH EXISTING JOINT AND FINISH PATTERN

EXISTING WALL AND FOUNDATION TO BE REMOVED– SALVAGE STONE VENEER AS REQ'D TO PATCH

EXISTING OVERHANG, GUTTER, AND DOWNSPOUTS TO BE REMOVED

REMOVE EXISTING TREE AND PLANTING BOX

APPROXIMATE LOCATION OF STRUCTURAL STOOP TO REMAIN

APPROXIMATE LIMITS OF EXCAVATION

DASHED LINE INDICATES APPROXIMATE PERIMETER OF BUILDING EXPANSION

EXISTING DOWNSPOUT TO BE REMOVED– PATCH WALL TO REMAIN AS REQ'D

APPROXIMATE LOCATION OF STRUCTURAL STOOP TO BE REMOVED

REMOVE EXISTING DOOR AND FRAME

EXISTING PLANTER AND PLANTING BED TO BE REMOVED

EXISTING LIGHTING TO BE REMOVED– COORDINATE W/ ELECTRICAL

EXISTING MECHANICAL DEVICE TO BE REMOVED– COORDINATE W/ MECHANICAL

EXISTING CANOPY– THIS PORTION TO BE REMOVED

EXISTING MECHANICAL VENTILATION UNIT TO BE REMOVED– COORDINATE W/ MECHANICAL

APPROXIMATE LOCATION OF STRUCTURAL STOOP TO REMAIN

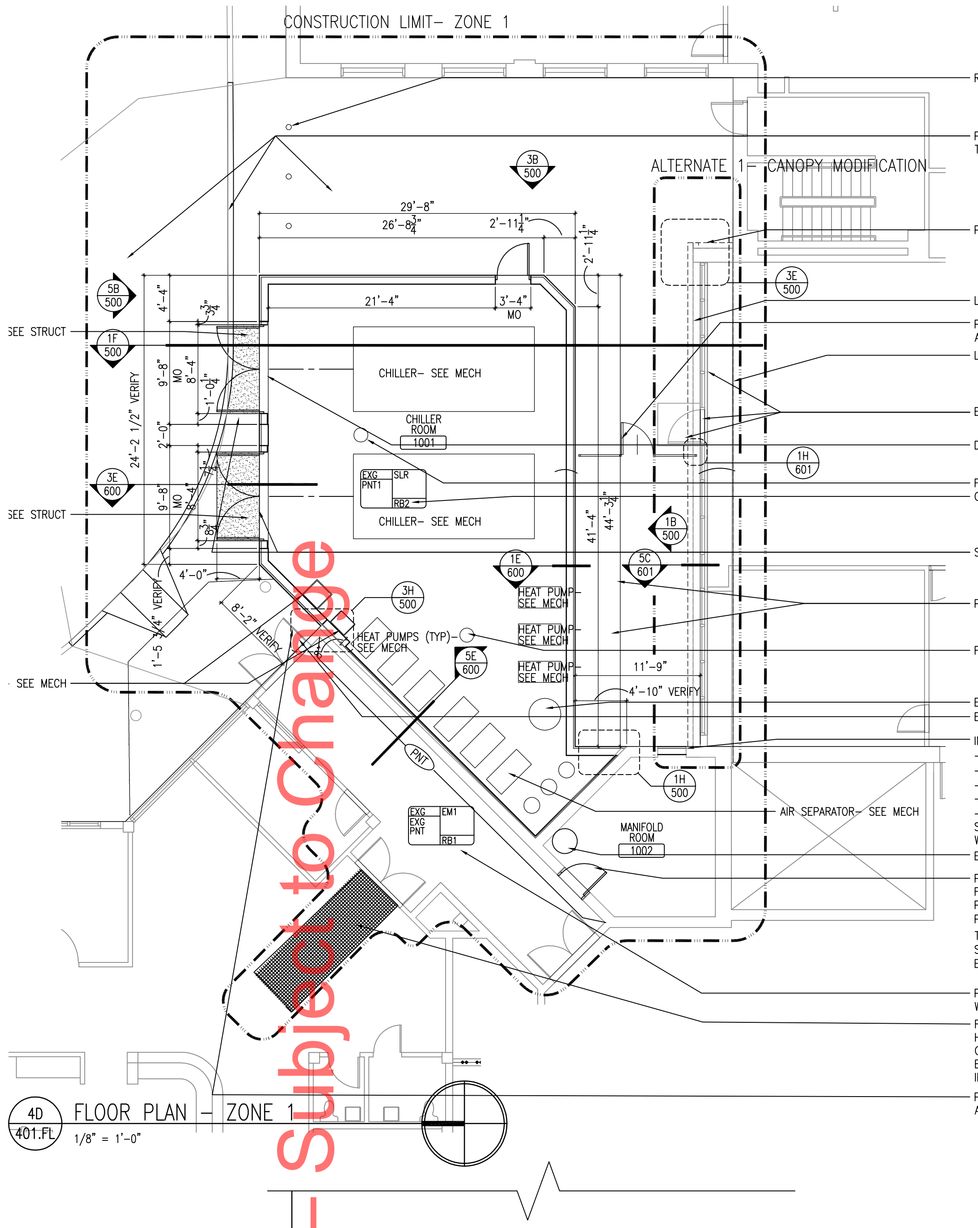
EXISTING CANOPY– THIS PORTION TO REMAIN

DEMOLISH EXISTING WALL FOR SCHEDULED OPENING– PREPARE HEAD, JAMB, AND SILL AS REQ'D FOR FINISHES

REMOVE EXISTING FLOORING THIS ENTIRE SPACE– PREPARE SUBSTRATE AS REQ'D FOR SCHEDULED FINISHES

SAW CUT AND REMOVE EXISTING SLAB ON GRADE AS REQ'D FOR MECHANICAL INSTALLATION– COORDINATE W/ MECHANICAL– REMOVE FLOOR FINISHES AND PATCH TO MATCH EXISTING AS REQ'D

1D / 401.FL DEMOLITION PLAN – ZONE 1
1/8" = 1'–0"



REMOVABLE BOLLARD (TYP)– COORDINATE W/ CIVIL

PATCH ASPHALT DRIVE, CONCRETE CURB, AND CONCRETE TO MATCH EXISTING

PROVIDE DOWNSPOUT AND GUTTER TO MATCH EXISTING

LINE OF REVISED CANOPY EDGE ABOVE

PROVIDE 8'–0" TALL PREFINISHED METAL FENCE AND GATE–– SEE SPECIFICATION

LINE OF SECOND FLOOR ABOVE

EXISTING DOOR, STOREFRONT, AND STOOP TO REMAIN

DOOR AND FRAME (TYP)– SEE OPENING SCHEDULE

FLOOR DRAIN– SEE MECH
ONLY GPBD WALLS TO RECEIVE RB

STRUCTURAL STOOP– SLOPE TO DRAIN

PATCH CONCRETE WALK TO MATCH EXISTING

FLOOR DRAIN– SEE MECH

EXPANSION TANK– SEE MECH

EXISTING STRUCTURAL STOOP TO REMAIN

INFILL EXISTING OPENING W/ 1 HOUR TESTED ASSEMBLY
–5/8" GPBD
–6" METAL STUDS
–5/8" SHEATHING
–BUILDING MEMBRANE
–2" EIFS
SEAL BUILDING MEMBRANE TO EXISTING EXTERIOR WALL SUBSTRATE

AIR SEPARATOR– SEE MECH

EXISTING SUMP BASKET– INFILL AS REQ'D FOR DOOR OPENING

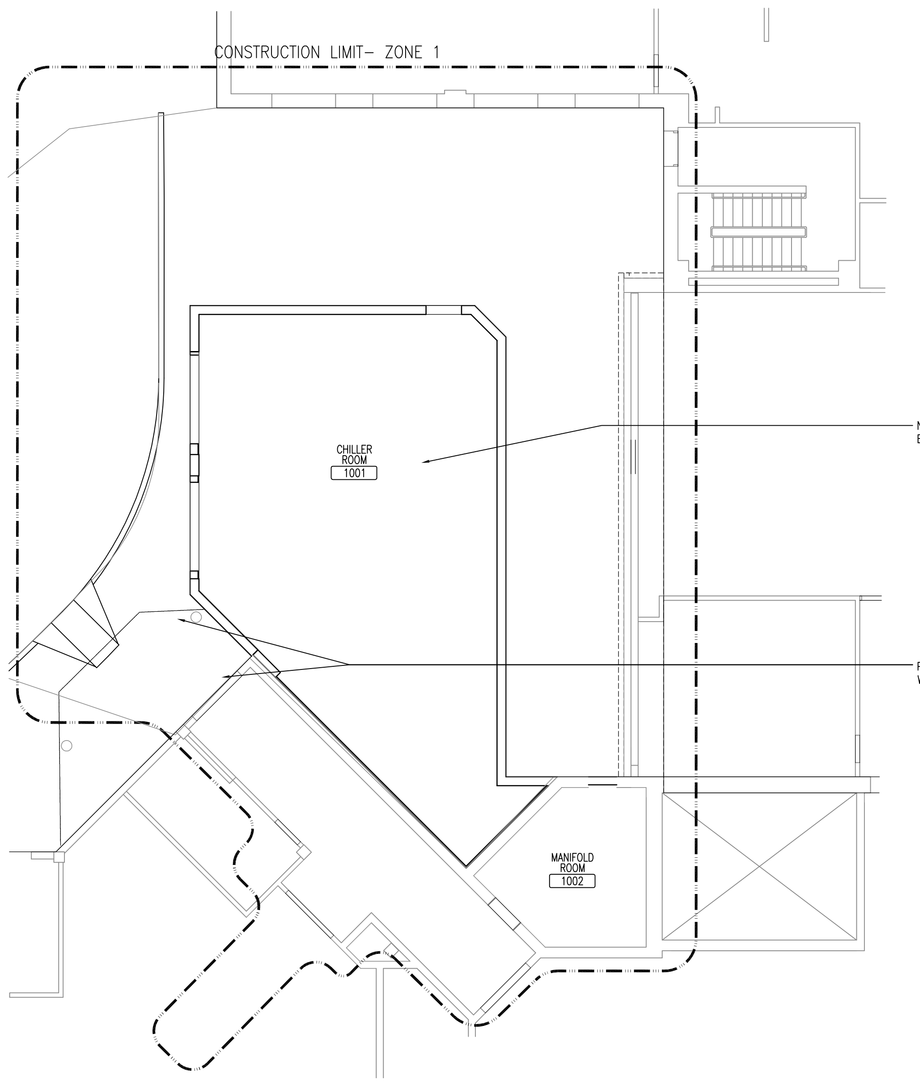
PROVIDE DOOR AND FRAME IN EXISTING WALL, DOOR AND FRAME TO BE PAINTED TO MATCH ADJACENT DOORS AND FRAMES– PATCH FLOOR AND WALL FINISHES TO MATCH EXISTING– PREPARE OPENING HEAD, JAMB, AND SILL AS REQ'D TO RECEIVE FINISHES. PROVIDE LINTEL– 2– 3 1/2 X 3 1/2 X 5/16" STEEL ANGLES W/ MIN 8" BEARING ON GROUTED CORES EACH JAMB

PROVIDE FLOORING EM1 AND WALL BASE RB1 THIS ENTIRE SPACE; WALL INDICATED TO RECEIVE PNT TO MATCH EXG.

FLOOR TO RECEIVE CPT1 INSIDE CURRENT AREA OF CARPET ACCENT HATCH INDICATES APPROXIMATE EXTENTS OF CPT1; EXACT EXTENTS OF CPT1 TO BE DETERMINED ON SITE DURING CONSTRUCTION BASED ON LOCATION OF FLOOR SLAB CUTTING AND MECHANICAL INSTALLATION

PATCH CONCRETE BETWEEN STOOP TO REMAIN AND ADDITION EXTERIOR WALL TO MATCH EXISTING

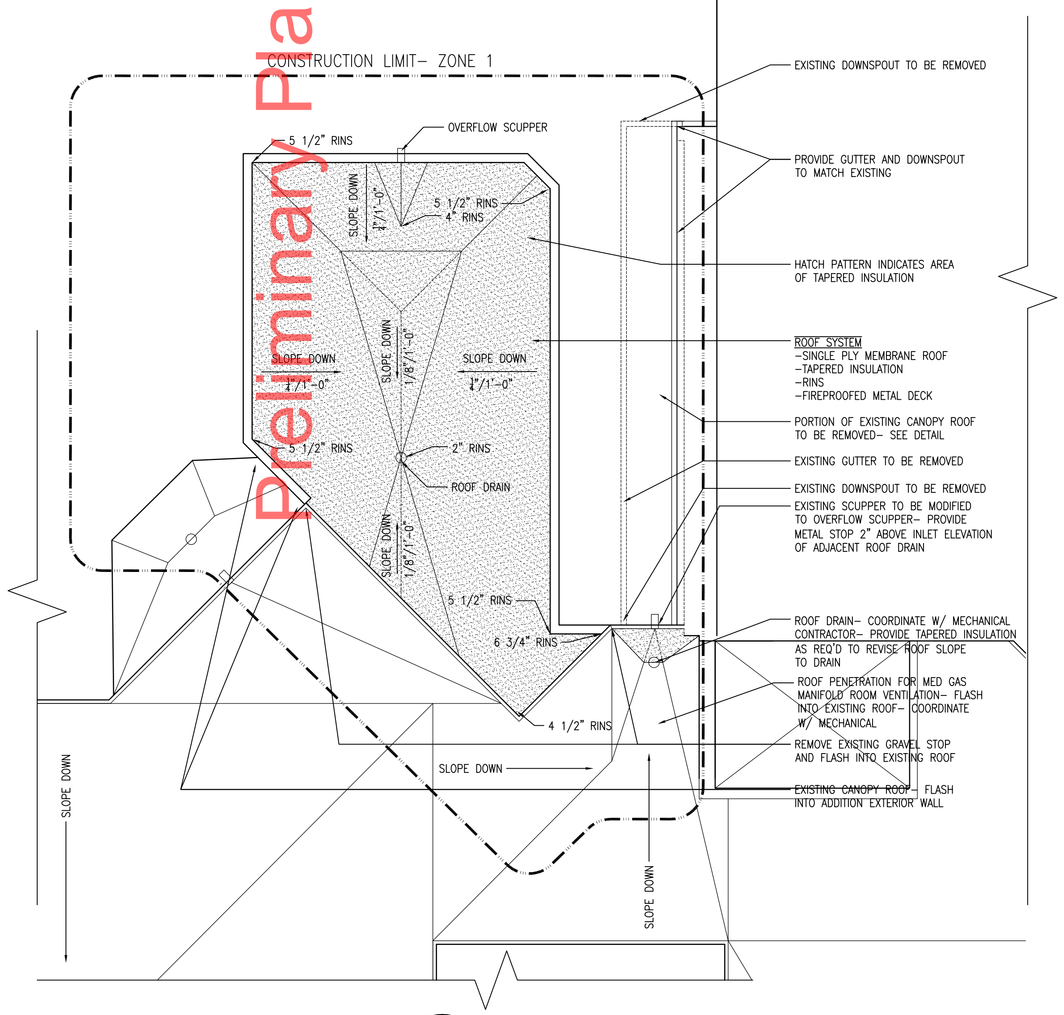
4D / 401.FL FLOOR PLAN – ZONE 1
1/8" = 1'–0"



NO CEILING– EXPOSED STRUCTURE

PATCH EIFS SOFFIT AD REQ'D AT JUNCTION WITH ADDITION CONSTRUCTION

1H / 401.FL REFLECTED CEILING PLAN – ZONE 1
1/8" = 1'–0"



EXISTING DOWNSPOUT TO BE REMOVED

PROVIDE GUTTER AND DOWNSPOUT TO MATCH EXISTING

HATCH PATTERN INDICATES AREA OF TAPERED INSULATION

ROOF SYSTEM
–SINGLE PLY MEMBRANE ROOF
–TAPERED INSULATION
–RINS
–FIREPROOFED METAL DECK

PORTION OF EXISTING CANOPY ROOF TO BE REMOVED– SEE DETAIL

EXISTING GUTTER TO BE REMOVED

EXISTING DOWNSPOUT TO BE REMOVED

EXISTING SCUPPER TO BE MODIFIED TO OVERFLOW SCUPPER– PROVIDE METAL STOP 2" ABOVE INLET ELEVATION OF ADJACENT ROOF DRAIN

ROOF DRAIN– COORDINATE W/ MECHANICAL CONTRACTOR– PROVIDE TAPERED INSULATION AS REQ'D TO REVISE ROOF SLOPE TO DRAIN

ROOF PENETRATION FOR MED GAS MANIFOLD ROOM VENTILATION– FLASH INTO EXISTING ROOF– COORDINATE W/ MECHANICAL

REMOVE EXISTING GRAVEL STOP AND FLASH INTO EXISTING ROOF

EXISTING CANOPY ROOF– FLASH INTO ADDITION EXTERIOR WALL

4H / 401.FL ROOF PLAN – ZONE 1
1/8" = 1'–0"

Preliminary Plan – Subject to Change

FINISH PLAN GENERAL NOTES:

1. ALL LOUVERS, VENTS, GRILLES AND OTHER MISC MECHANICAL AND ELECTRICAL DEVICES SHALL BE PAINTED TO MATCH SURFACE WHICH THEY APPEAR, UNLESS OTHERWISE NOTED.
2. EXISTING WALLS TO RECEIVE SCHEDULED FINISHES SHALL HAVE EXISTING FINISHES REMOVED AND SURFACES PREPARED TO RECEIVE FINISHES.
3. ALL FLOOR FINISHES SHALL CHANGE AT CENTERLINE OF DOOR, UNLESS NOTED OTHERWISE.
4. CONTRACTOR IS RESPONSIBLE FOR MAKING SMOOTH, FLAT JOINTS BETWEEN TRANSIITION OF DIFFERENT FLOORING MATERIALS.

GN–FIN

FINISH ABBREVIATIONS AND FINISH SCHEDULE

L–FIN

ACB – CEILING FINISH
CPT – FLOOR FINISH
PNT – WALL FINISH
RB – WALL BASE FINISH

CPT – CARPET
EM – ENTRANCE MAT
EXG – EXISTING
EXP – EXPOSED
GPBD – GYPSUM BOARD
HM – HOLLOW METAL
PNT – PAINT
RB – RESILIENT BASE
SLR – SEALED CONCRETE

CODE	MANUFACTURER	STYLE/COLOR	NOTES
CPT1	LEE'S	HORSEPOWER #DK956, BROADLOOM, BACKING: UNIBOND FLEX, COLOR: TBD	
EM1	LEE'S – TUFF STUFF	FIRST STEP MODULAR #L8513–COLOR: 508 CHARCOAL GREY	VESTIBULE
PNT1	SHERWIN WILLIAMS	SW6105 DIVINE WHITE	WALL: SEMI–GLOSS FINISH
PNT2	BENJAMIN MOORE	WHITE HERON OC–57	CEILING: FLAT FINISH
RB1	JOHNSONITE	COLOR: 63 BURNT UMBER	4" HIGH, STRAIGHT: VESTIBULE
RB2	JOHNSONITE	COLOR: 01 SNOW WHITE	4" HIGH, COVED

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS MAY BE USED ON EACH PLAN

This document may be an electronic file or may be printed from an electronic file provided to the user. It is the sole responsibility of the user to ensure that the content and quality is consistent with the content and quality of the paper documents on file at BWBR.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of Minnesota

Name

Date SEP 12, 2011 Reg. No. 16389

Issued For

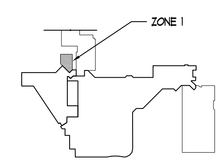
Item	Date
CITY MEETING	9/1/11
CD ISSUE	9/12/2011

THIS SHEET MAY BE A REDUCED COPY.
THE BAR ABOVE IS 1" LONG ON A FULL SIZE SHEET. DRAWINGS SCALES APPLY TO FULL SIZE SHEETS.

Allina Phillips Eye Mechanical Room Addition

BWBR
380 St. Peter Street, Ste. 600
Saint Paul, MN 55102
651.222.3701
bwbr.com

Consultants



KEYPLAN

KEYPLAN

Date	Drawn
SEP 12, 2011	DPL
Comm. No.	Checked
3.2011171.00	KF

Sheet Title

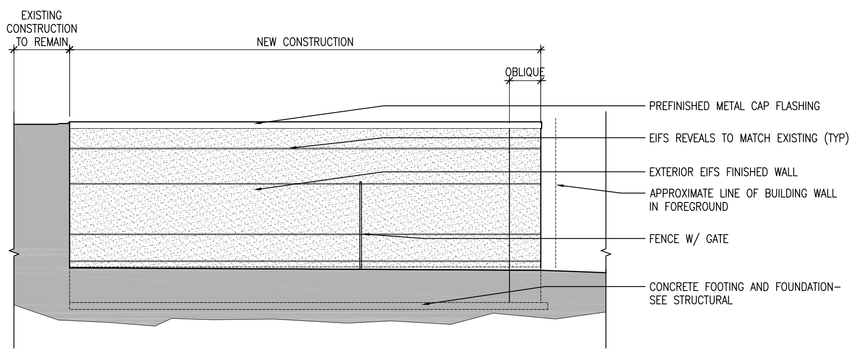
ZONE 1 - DEMO PLAN, FLOOR PLAN, REFLECTED CEILING PLAN, ROOF PLAN

Sheet No.

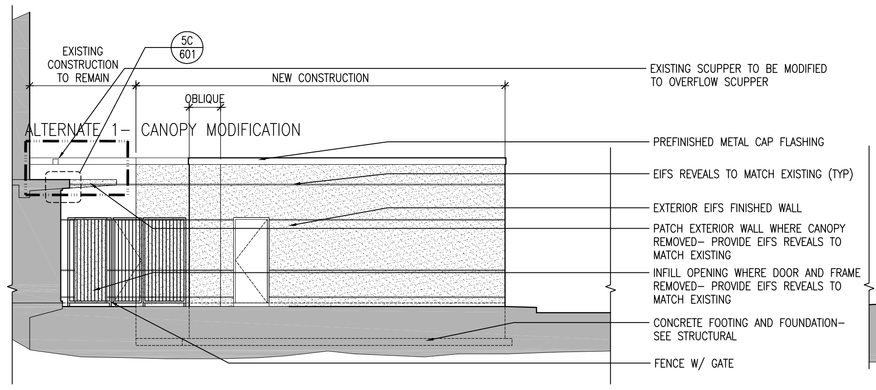
401.FL

Copyright BWBR

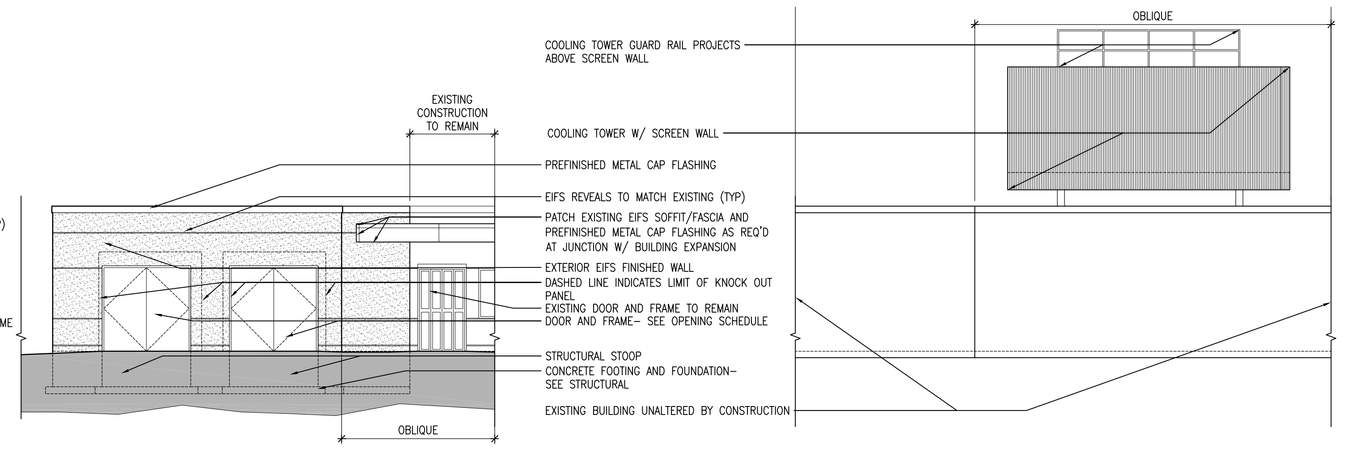
Last user: 4700
Date: Wed, 21 Sep 2011 – 11:16am
Dwg File: 401.FL.DWG



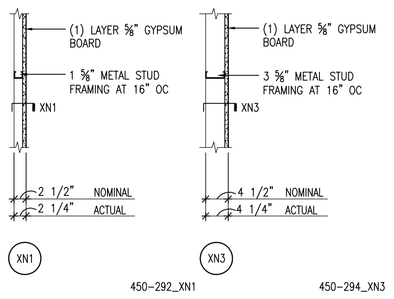
1B 500 SOUTH ELEVATION
1/8" = 1'-0"



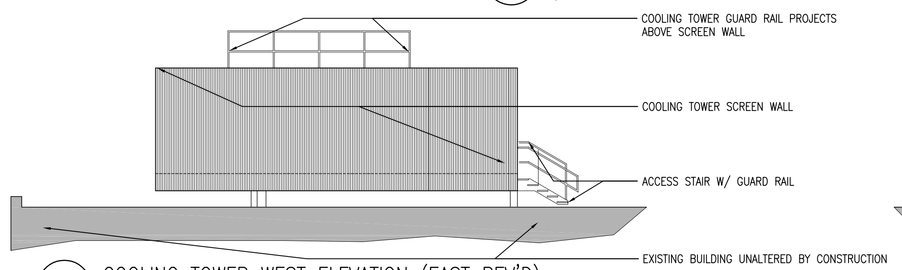
3B 500 EAST ELEVATION
1/8" = 1'-0"



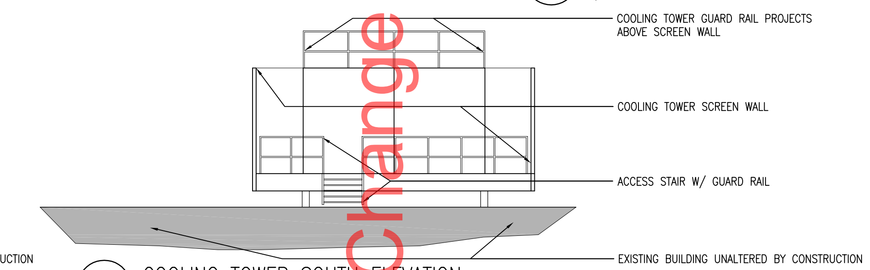
5B 500 NORTH ELEVATION W/ COOLING TOWER BEYOND
1/8" = 1'-0"



1C 500 PARTITION TYPES
NO SCALE



2C 500 COOLING TOWER WEST ELEVATION (EAST REV'D)
1/8" = 1'-0"



4C 500 COOLING TOWER SOUTH ELEVATION
1/8" = 1'-0"

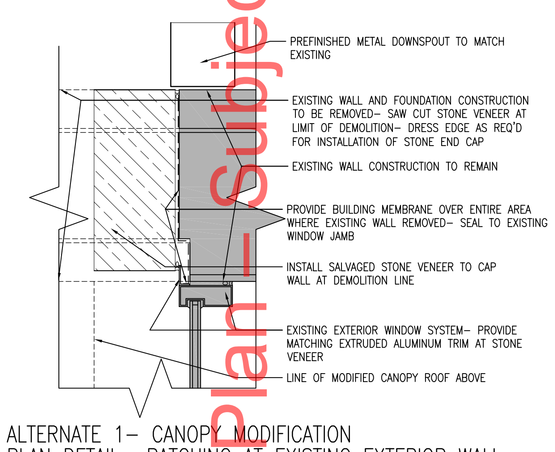
OPENING SCHEDULE

OPENING NUMBER	SIZE WIDTH	SIZE HEIGHT	DOORS QTY	DOORS MAT'L	DOORS TYPE	DOORS GLASS	FRAMES MAT'L	FRAMES TYPE	FRAMES PROFILE	FRAMES GLASS	DETAILS JAMB	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	HDWR GROUP	FIRE LABEL (MIN.)	"S" LABEL REQ.	NOTES & REMARKS
1001A	4'–0"	7'–2"	2	FRP	FA1	––	AL	DA2	A	––	6D/600	6D/600	6F/600	6H/600	––	––	––	FIBERGLASS DOORS, ALUM FRAME
1001B	4'–0"	7'–2"	2	FRP	FA1	––	AL	DA2	A	––	6D/600	6D/600	6F/600	6H/600	––	––	––	FIBERGLASS DOORS, ALUM FRAME
1001C	3'–0"	7'–2"	1	FRP	DA1	––	AL	FA1	A	––	6F/601	6F/601	1F/601	6C/600	––	––	––	FIBERGLASS DOORS, ALUM FRAME
1002A	3'–0"	7'–0"	1	HM	DA1	––	HM	FA1	A	––	7H/500	7H/500	6H/500	–––	––	45	––	

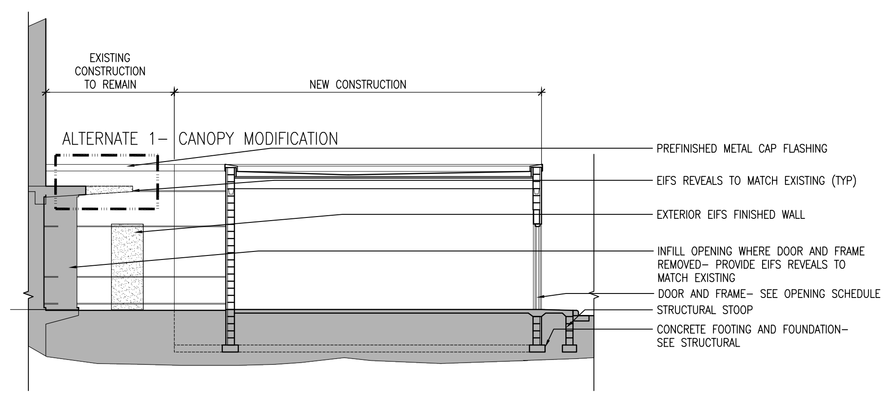
#1001A & B
Each opening to receive
8-Hager hinges BB1199 4.5" x 4.5" 32D NRP
1-Schlage lock ND96LD RHO 26D
1-Schlage cylinder 26D-keyed to existing key system
2-Ives manual flush bolts 458B 26D 12"
2-LCN closer 4111-3049 stop and holder arm-Aluminum
1-Pemko threshold 171A 96"
2-Pemko door sweep 315CN 48"
1-Pemko weather seal 303AS 96" x 86"
1-Pemko gasket S88D 86" – Apply to astragal
Astragal is intreagal part of door

#1002A
3-Hager hinges BB1279 4.5" x 4.5" 26D
1-Schlage lock ND80LD RHO 26D
1-Schlage cylinder 26D-keyed to existing key system
1-LCN closer 4111-3077CNS stop arm-Aluminum
1-Pemko Smoke seal S44D 17 ft

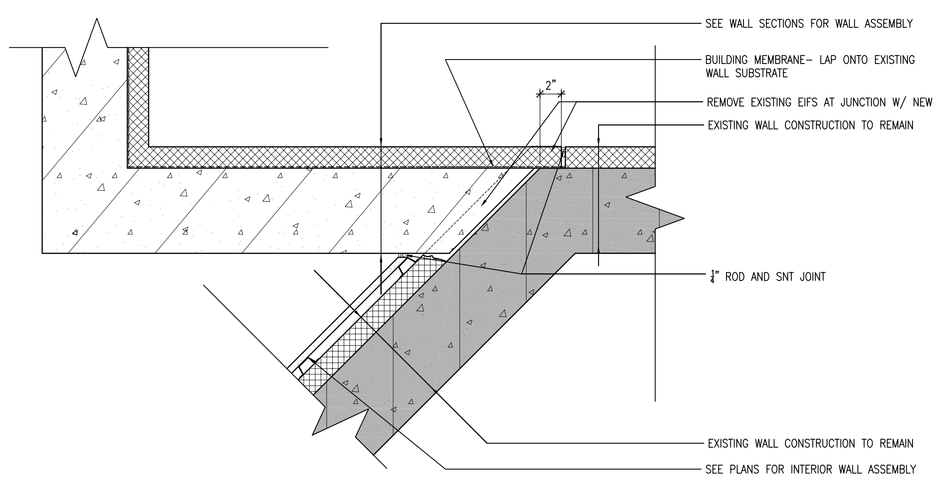
1002C
3-Hager hinges BB1199 4.5" x 4.5" 32D NRP
1-Schlage lock ND96LD RHO 26D
1-Schlage cylinder 26D-keyed to existing key system
1-LCN closer 4111-3077CNS stop arm-Aluminum
1-Pemko threshold 171A 36"
2-Pemko door sweep 315CN 36"
1-Pemko weather seal 303AS 36" x 86"



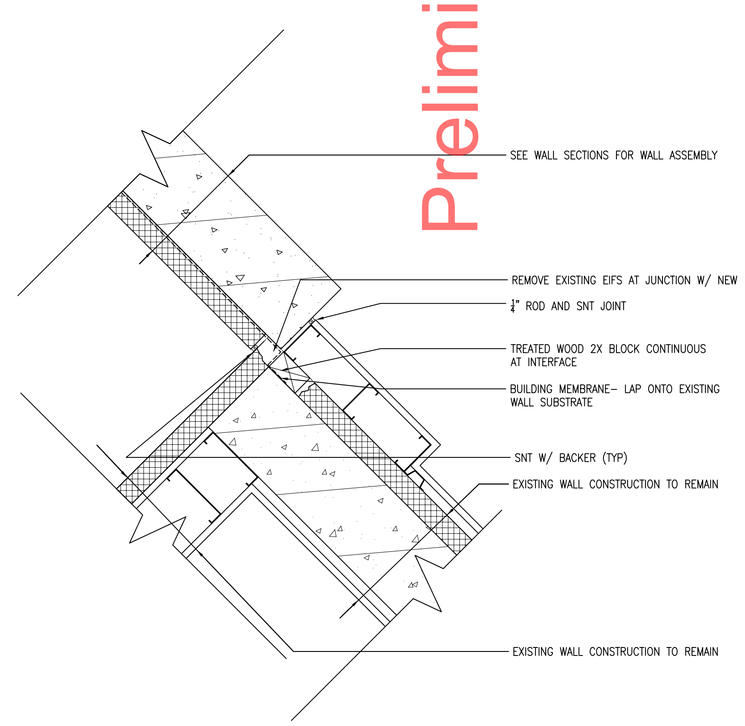
3E 500 ALTERNATE 1– CANOPY MODIFICATION PLAN DETAIL– PATCHING AT EXISTING EXTERIOR WALL
1/8" = 1'-0"



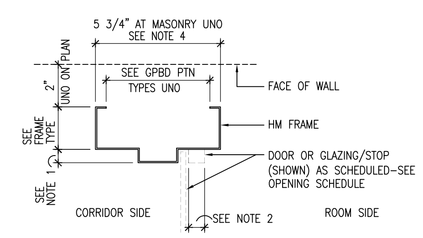
1F 500 BUILDING SECTION
1/8" = 1'-0"



1H 500 PLAN DETAIL– CONNECTION TO EXISTING EXTERIOR WALL
1/8" = 1'-0"



3H 500 PLAN DETAIL– CONNECTION TO EXISTING EXTERIOR WALL
1/8" = 1'-0"



HM FRAME PROFILE NOTES

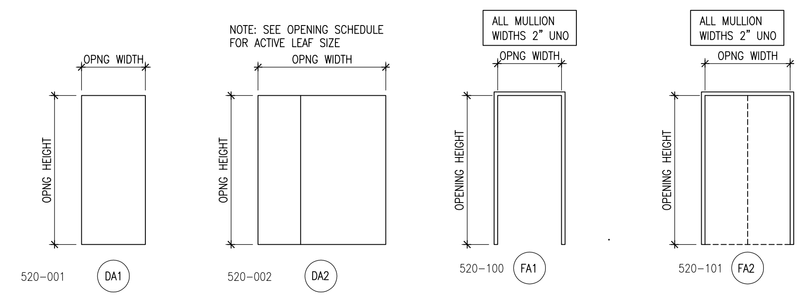
NOTE 1 ⅝" AT 20 MINUTE FIRE RATED FRAMES AND NON–RATED FRAMES, ¾" AT FIRE RATED FRAMES OF 45 MINUTES AND ABOVE.

NOTE 2 ⅝" AT 20 MINUTE FIRE RATED FRAMES AND NON–RATED FRAMES, 1" AT FIRE RATED FRAMES OF 45 MINUTES AND ABOVE.

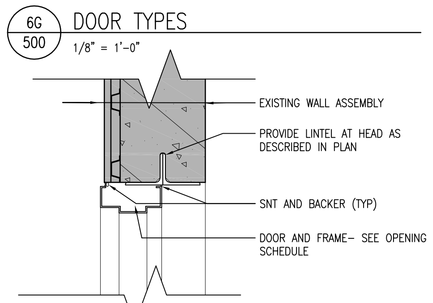
NOTE 3 FOR FRAMES IN GPBD PARTITIONS, VERIFY THAT THE FRAME THROAT DEPTH MATCHES THE PARTITION THICKNESS.

NOTE 4 5 ¾" AT MASONRY OR DEEP GPBD PARTITION RECESSES WHERE FRAME DOES NOT WRAP THE WALL.

520–205_PROFILE NOTES

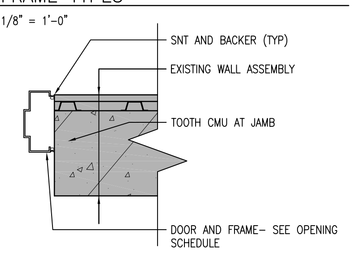


6G 500 DOOR TYPES
1/8" = 1'-0"



6H 500 SECTION DETAIL– HEAD AT EXISTING
1/8" = 1'-0"

7G 500 FRAME TYPES
1/8" = 1'-0"



7H 500 PLAN DETAIL– JAMB AT EXISTING
1/8" = 1'-0"

Preliminary Plan – Subject to Change

Allina Phillips Eye Mechanical Room Addition

BWBR
380 St. Peter Street, Ste. 600
Saint Paul, MN 55102
651.222.3701
bwbr.com

Consultants

This document may be an electronic file or may be printed from an electronic file provided to the user. It is the sole responsibility of the user to ensure that the content and quality is consistent with the content and quality of the paper documents on file at BWBR.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Architect under the laws of the State of Minnesota

Name

Date SEP 12, 2011 Reg. No. 16389

Issued For

Item	Date
CITY MEETING	9/1/11
CD ISSUE	9/12/2011

THIS SHEET MAY BE A REDUCED COPY.
THE BAR ABOVE IS 1" LONG ON A FULL SIZE SHEET. DRAWINGS SCALES APPLY TO FULL SIZE SHEETS.

Date	Drawn
SEP 12, 2011	DPL
Comm. No.	Checked
3.2011171.00	KF

Sheet Title
ELEVATIONS, PARTITIONS BUILDING SECTION, DETAILS OPENING SCHEDULE, DOOR/FRAME TYPES

Sheet No.
500

Copyright BWBR

Last saver: KTOO
Date: Wed, 21 Sep 2011 – 11:16pm
Day Per: 2011.09.21