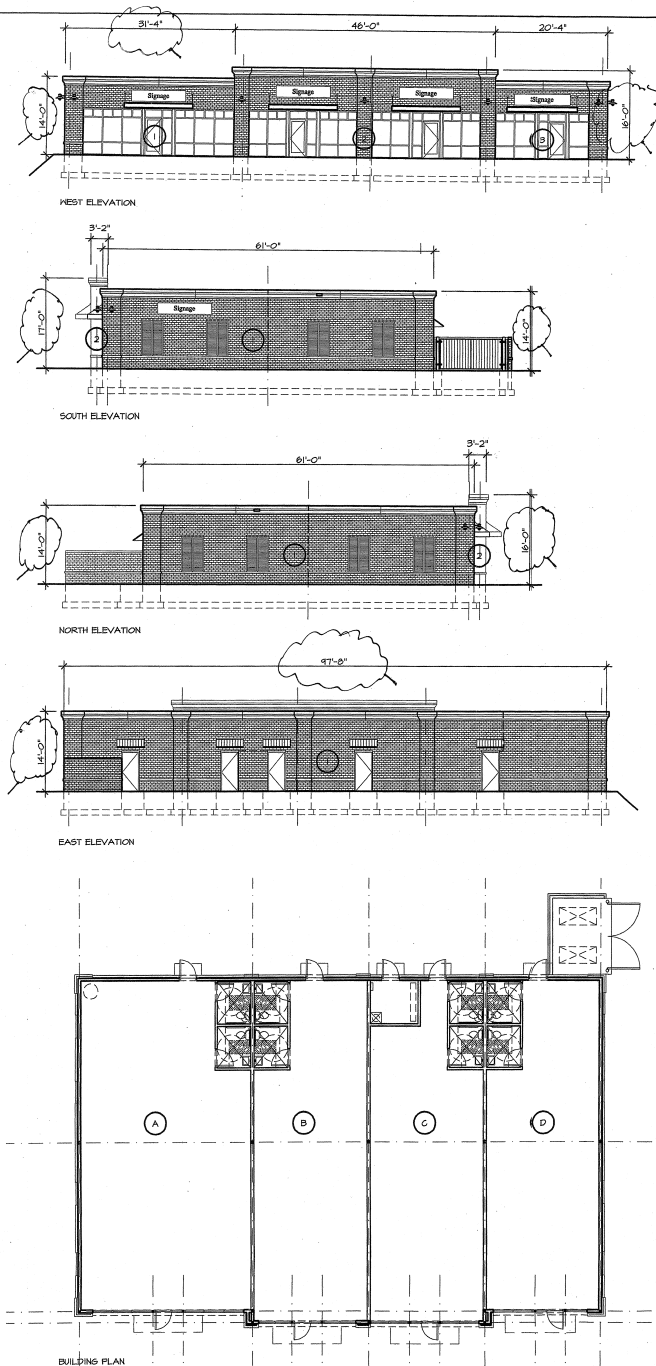




KEY:

----- ACCESSIBLE ROUTE/PATH OF TRAVEL

WISCONSIN ENROLLED IBC CODE INFORMATION

OCCUPANCY CLASSIFICATION PRIMARY USE, GROUP "M" MERCANTILE OCCUPANCY

SQUARE FOOTAGE CALCULATIONS: TENANT 'A' - 1,143 SF

TENANT 'B' - 1,355 SF

TENANT 'C' - 1,355 SF

TENANT 'D' - 1,326 SF

TOTAL AREA - 6,012 SF

CONSTRUCTION CLASSIFICATION TYPE VB, COMBUSTIBLE CONSTRUCTION, NOT PROTECTED - SPRINKLERED PER NFPA 13

ALLOWABLE AREA INCREASE: $A_a = 9,000 + [9,000 * 1.25 / 100] + [9,000 * 500 / 100]$ IF = $100[325.61 / 525.61 - 0.25] * 36.5 / 30$ IS = 300

$A_a = A_t + [A_t * 11 / 100] + [A_t * 6 / 100]$ $A_a = 9,000 + [6,012.5] + [21,000]$ IF = $100[1.0 - 0.25] * 36.5 / 30$

IF = $100[F - 25] * 14 / 30$ $A_a = 44,212.5$ sf IF = $100[1.75] * 36.5 / 30$

IF = 41.25

GRADE PLANE:

MALL DESIGNATION:	MALL LENGTH:	MALL HEIGHT:	MALL AREA:	TOTAL BUILDING HEIGHT:
NORTH-1	61'-0"	14'-0"	854 SF	TOTAL WALL AREA/TOTAL WALL LENGTH
NORTH-2	31'-2"	14'-0"	51 SF	4,630/923.6 = 14.3'
SOUTH-1	61'-0"	14'-0"	854 SF	TOTAL HEIGHT PERMITTED BY CODE: (1) STORES OR 20'-0"
SOUTH-2	31'-2"	14'-0"	51 SF	
EAST-1	97'-0"	14'-0"	1,366 SF	
WEST-1	31'-4"	14'-0"	434 SF	
WEST-2	17'-0"	14'-0"	236 SF	
WEST-3	20'-4"	14'-0"	285 SF	

TOTALS: 325'-0" (OVERLAP) 14'-0" (HIGHEST POINT) 4,630 SF (TOTAL AREA)

OCCUPANT LOAD CALCULATIONS: MERCANTILE (M) - 6,012 SF SUBTRACT TOILET/SPRINKLER RM. 6,012 * 500 SF = 2504

OCCUPANT DENSITY 30 SF/OCCUPANT

OCCUPANT LOAD 185

TOTALS: 6,012 SF TOTAL 185 TOTAL OCCUPANTS

ESSEX WIDTH:	OCCUPANTS	2" (STAIR)	15" (OTHER)	PROVIDED
MERCANTILE (M) - 6,012 SF W/SPRINKLER	187	N/A	28.05"	72" PER TENANT SPACE x 4 = 288"
TOTALS:	187		28.05" REQUIRED	72" PER TENANT SPACE x 4 = 288" PROVIDED

SANITARY PICTURE DETERMINATION: 123 OCCUPANTS/2 = 62 OCCUPANTS PER SEX

	MALE (1/250)	FEMALE (1/250)	LAV (1/750)	DRINKING FOUNTAIN (1/100)
REQUIRED	1	1	1	1.87
PROVIDED	4	4	6	5 (1 WATER COOLER PROVIDED PER SPACE BY TENANT)

FIRE LANE APPARATUS ACCESS:

1. BUILDING IS LIMITED IN AREA? - NO
2. BUILDING IS UNLIMITED IN AREA PER IBC 507? - YES
3. BUILDING IS COMPLETELY PROTECTED BY SPRINKLER SYSTEM? - YES
4. FIRE LANES ARE UNOBSTRUCTED? - YES
5. FIRE LANES ACCESSIBLE FROM PUBLIC ROAD? - YES
6. FIRE LANES TO EXTEND WITH 150' OF ANY PORTION OF THE FIRST FLOOR? - YES
7. ANY PORTION OF THE BUILDING 150' ABOVE FIRE APPARATUS? - NO
8. FIRE LANE VERTICAL CLEARANCE OF 13'-6"? - YES
9. FIRE LANES UNOBSTRUCTED WIDTH OF 20'-0"? - YES
10. FIRE HYDRANT TO SUPPLY FIRE APPARATUS ON FIRE LANE? - YES
11. THE MIN. INSIDE TURNING RADIUS IS MIN. 24'-4"? - YES
12. IS THE FIRE LANE DEAD-ENDED WITH A LENGTH GREATER THAN 150'? - NO



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CONSULTANT AND USER OF DOCUMENTS
The undersigned hereby certifies that the information and data used in the preparation of the above documents were obtained from reliable sources and that the design and construction of the project complies with the applicable codes and standards of the State of Wisconsin. The undersigned further certifies that the project has been reviewed and approved by the undersigned and that the undersigned is a duly licensed professional engineer in the State of Wisconsin.

SHEET TITLE

Code Information Sheet

REVISIONS

5.23.04

PROJECT DATA

Date: 07.2.04

Job No.: 05221

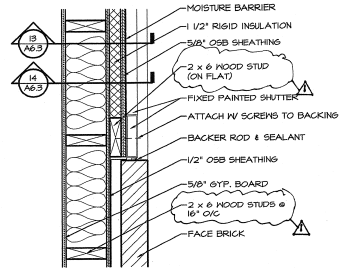
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SHEET NO.

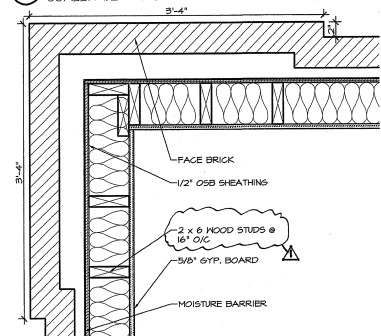
T1.2

PLAN KEYNOTES

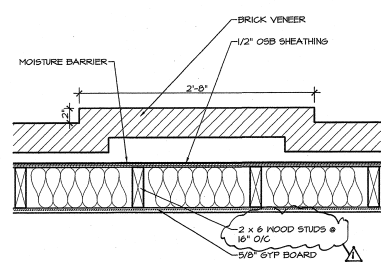
1. FIXED SHUTTER (PAINTED) - SEE DETAIL 18/A6.2
2. STEEL FRAMED ANCHING ABOVE
3. ROOF ACCESS HATCH - SEE DETAIL 18/A6.1
4. LADDER - SEE DETAIL 18/A6.1
5. 24" x 24" JANITOR FLOOR MOP TRAY
6. LOCATION OF WATER SERVICE & SPRINKLER SYSTEM LEADER PIPING. 400 AMP 120/208 VOLT, 3-PHASE 4-WIRE SERVICE W/ PANEL 4 METER TO BE PROVIDED FOR RM 101. 100 AMP 120/208 VOLT, 3-PHASE 4-WIRE SERVICE W/ PANEL 4 METER TO BE PROVIDED FOR RM. 201, 301, 401.
7. PLUMBER TO LOCATE 5 GALLON SEALED COMBUSTION GAS HOT WATER HEATER ON RACK ABOVE CEILING (EXPOSED IN RM 450)
8. ELECTRIC 600-WATT RECESSED HALL HEATER BY ELECTRICIAN
9. CONTROL JOINT
10. 100 GALLON SEALED COMBUSTION GAS HOT WATER HEATER - LOCATION TO BE DETERMINED



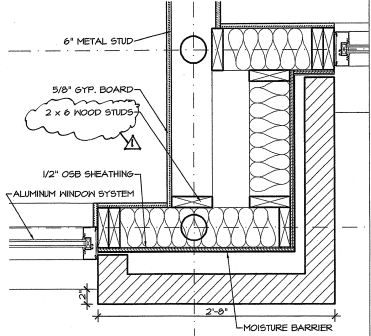
4 SHUTTER DETAIL
SCALE: 1 1/2" = 1'-0"



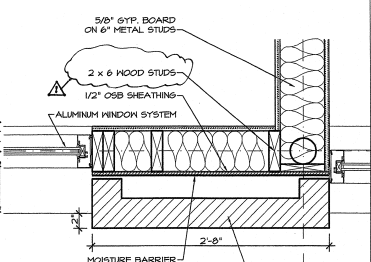
9 WALL CORNER DETAIL
SCALE: 1 1/2" = 1'-0"



14 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

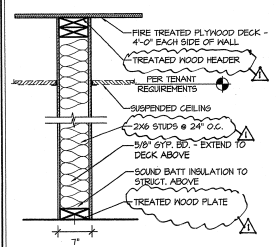


10 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

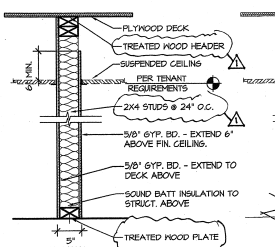


15 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

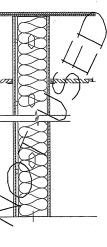
WALL TYPES:



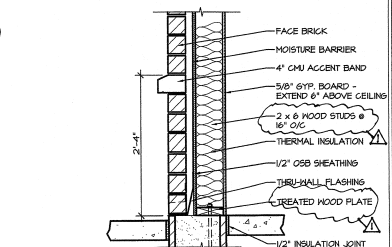
TYPE 1 GREEN BOARD AS REQ'D ON NET WALL (UL Des No. 1465 (1 HOUR RATED))



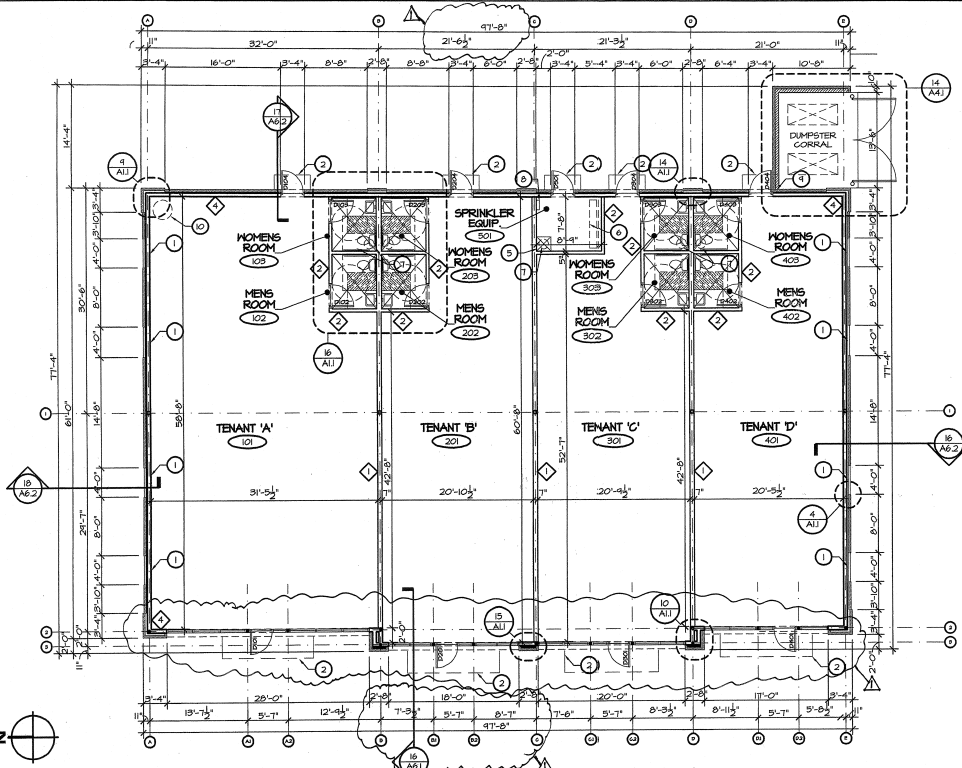
TYPE 2 GREEN BOARD AS REQ'D ON NET WALL (UL Des No. 1449 (1 HOUR RATED))



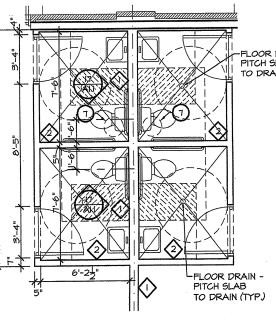
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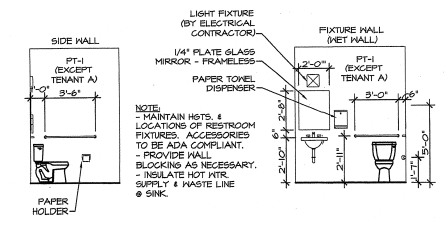
TYPE 4 TYP. EXTERIOR WALL



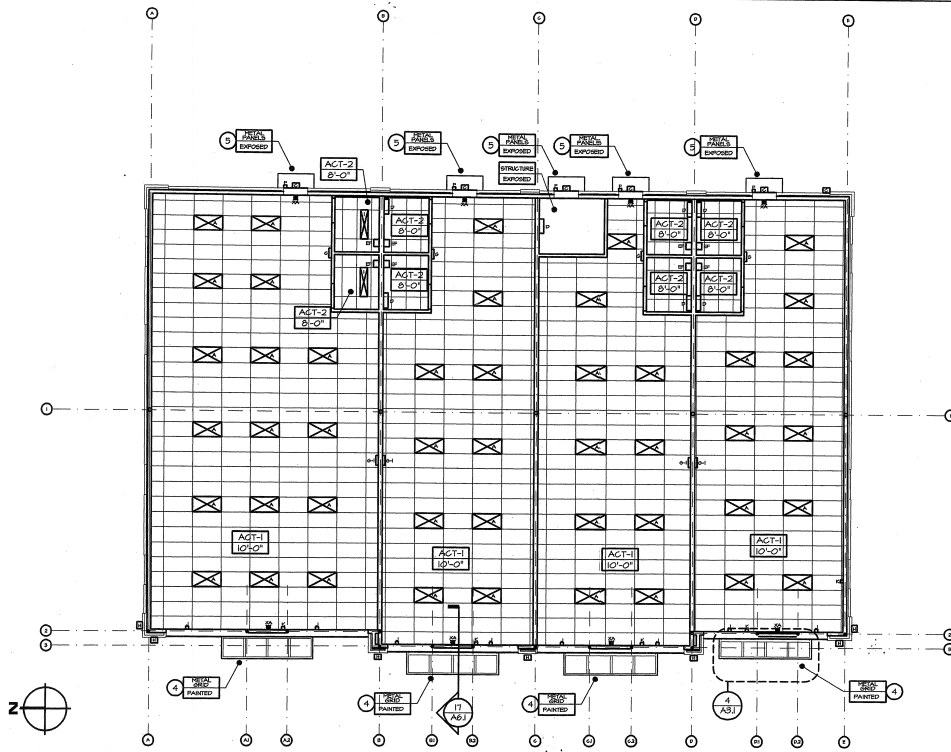
6 Floor Plan
SCALE: 1/8" = 1'-0"



16 RESTROOM PLAN DETAIL
SCALE: 1/4" = 1'-0"



17 BATHROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



6 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE

MARK	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	FIXTURE SIZE	REMARKS
A	(2) 18	FLUORESCENT 2' x 4' RECESSED PARABOLIC FLUORESCENT TRIMMER IN ACRYLIC LENS	LITRONA	SPR SERIES	18" x 48"	SEE NOTE 4
B	(2) 10 H	8" HD OPEN REFLECTOR	LITRONA	AN SERIES	8" x 4"	
C	(2) 10 H	18" HALL-MOUNTED GUTOFF MINI AREA LIGHTER	LITRONA	CONTOUR SERIES	18" x 12"	
D	(2) 12	FLUORESCENT 34" COMMERCIAL FLUORESCENT WALL BRACKET	LITRONA	HP SERIES	12" x 4"	
E	(2) 12 H	HALOGEN 8" EYEBALL REMOTE FIXTURE	LITRONA	REMOTE FIXTURE	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
F	(2) 12 H	HALOGEN INDIVIDUAL HEAD REMOTE FIXTURE	LITRONA	REMOTE FIXTURE	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
G	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
H	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
I	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
J	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
K	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
L	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
M	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
N	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
O	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
P	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
Q	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
R	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
S	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
T	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
U	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
V	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
W	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
X	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
Y	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP
Z	(2) 12 H	HALOGEN EMERGENCY LIGHTING UNIT - LAYOUT TO BE DETERMINED IN TENANT SPACE	LITRONA	BEAMTH SERIES	8" x 4"	CONNECTED TO EMERGENCY BACK-UP

NOTE:

1. FLUORESCENT FIXTURES TO BE DUAL LEVEL SWITCHED.
2. SUBSTITUTIONS UPON APPROVAL OF DESIGN/BUILDER.
3. HVAC D/B CONTRACTOR TO PROVIDE FAN UNIT, DUCTWORK TO EXTERIOR WALL, & WALL GRILL. ELECTRICIAN TO CONNECT FAN TO LIGHT SWITCH W/ DELAY. ROOM TO HAVE NEGATIVE PRESSURE WHEN FAN UNIT IS OPERATING.
4. LIGHTING PATTERN FOR ESTIMATING/QUANTITY - LIGHTS TO BE LOCATED PER TENANT REQUIREMENTS.
5. JUNCTION BOX TO BE SWITCHED. WIRING FOR EXTERIOR SIGN BY ELECTRICIAN. EXTERIOR SIGN & FINAL CONNECTION BY TENANT.

CEILING PLAN KEYNOTES

- 1 EIFS COATED / 5/8" EXT. DRYWALL SOFFIT
 - 2 ROOF SCUTTLE - SEE DETAIL 16/A3.1
 - 3 LADDER - SEE DETAIL 14/A3.1
 - 4 FIELD PAINT PT-3
 - 5 FIELD PAINT PT-4
- ACT-1 2 x 4 ACOUSTICAL TILE IN 15/16" - 2 x 4 GRID - USG FIGURED
- ACT-2 2 x 4 VINYL FACED GYPSUM BOARD IN 15/16" - 2 x 4 GRID

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 Westwood, Wisconsin 53188-1705

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 Pilgrim Rd and Silver Spring Drive
 Menomonee Falls, WI.

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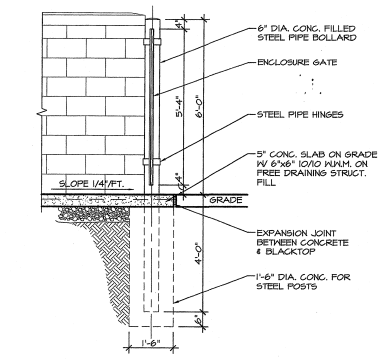
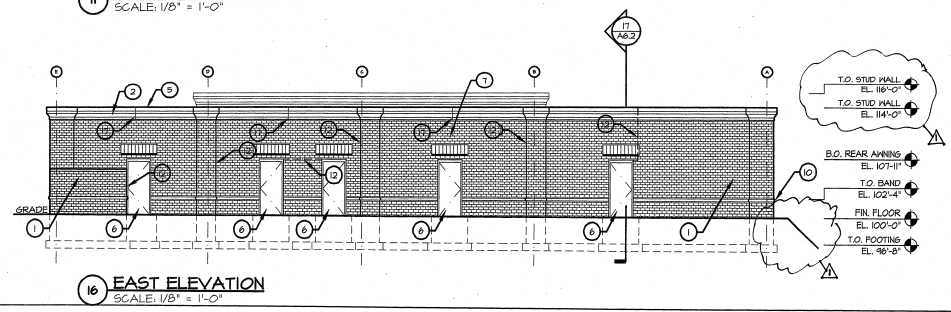
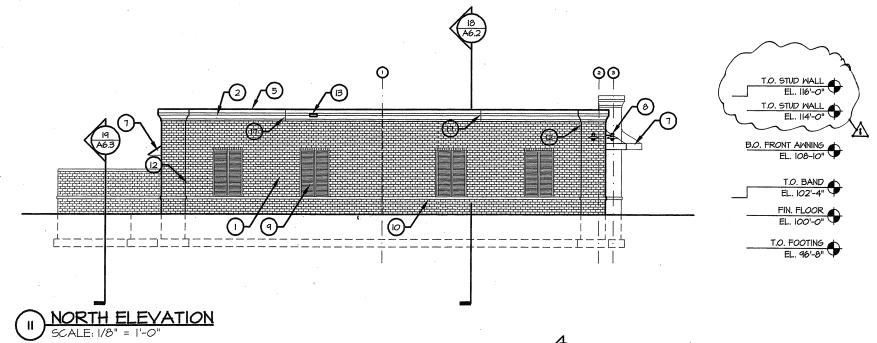
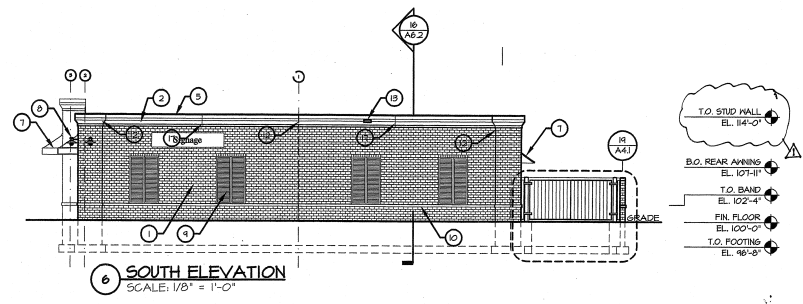
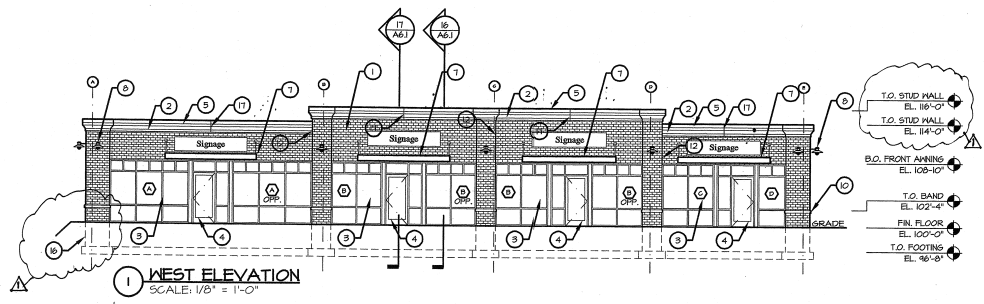
SHEET TITLE
 Reflected Ceiling

REVISIONS
 1 5/23/04

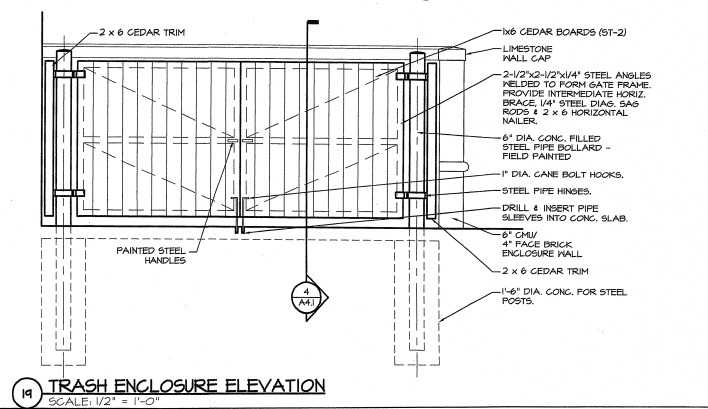
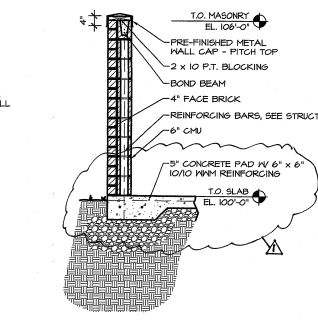
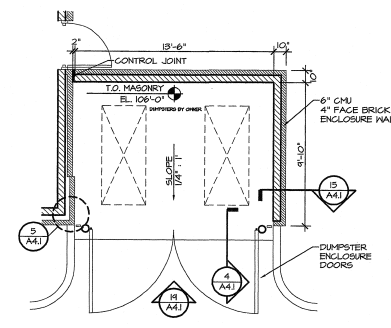
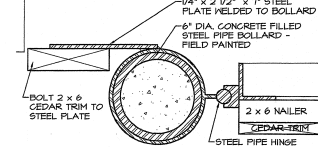
PROJECT DATA
 Date: 07.21.04
 Job No.: 05221
 Drawn By: AJA
 SHEET NO.

A2.1

Reflected Ceiling Plan



- ELEVATION KEYNOTES**
1. UTILITY BRICK VENEER
 2. EIFS CORNICE SYSTEM
 3. STOREFRONT ALUM. WINDOW W/ CLEAR ANOD. FRAME & 1" TINTED & INS. GLAZING
 4. STOREFRONT ENTRY SYSTEM W/ CLEAR ANOD. FRAME & 1" TINTED & INS. GLAZING
 5. PREFINISHED METAL CORPUS
 6. 1/4" DOOR & FRAME (PAINTED)
 7. PRE-FINISHED METAL PANEL AWNING
 8. EXTERIOR LIGHT FIXTURE - SEE A2.1
 9. FIXED SHUTTER (PAINTED) - SEE 18/A6.2
 10. CHU ACCENT BAND
 11. PRE-FINISHED METAL INSULATED PANELS
 12. CONTROL JOINT - BRICK & EIFS
 13. OVERFLOW SCUPPER - SEE DETAIL 9/A6.1
 14. METAL PIPE RAILING - SEE DETAIL 18/A6.3
 15. EXPANSION JOINT - SEE DETAIL XXXXX
 16. EXPOSED CONCRETE WALL
 17. EIFS / CORPUS CONTROL JOINT



CONSENT AND USE OF DOCUMENTS
The drawings, specifications and other documents furnished by the client to the architect for the purpose of preparing the drawings and specifications are to be used only for the project and site identified on the title block. They are not to be used for any other project, in whole or in part, without the written consent of the architect. The architect assumes no responsibility for the construction of the project or for the performance of the contractor. The architect's responsibility is limited to the preparation of the drawings and specifications and to the supervision of the construction of the project.

SHEET TITLE
Elevations

REVISIONS
8.23.04

PROJECT DATA
Date: 01.21.04
Job No.: 05221
Drawn By: A.J.A.
SHEET NO.