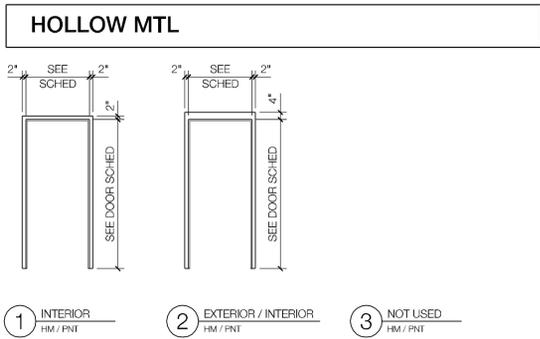


OPNG NO.	ROOM NAME	DOOR OR RELITE		FRAME	DETAILS	HDW SET	REMARKS	REV
		SIZE	RATING					
DA-100a	DINING	3'-0"x7'-10"	-	ALUM	S-1	-	HARDWARE BY MANF. - "D" PULL / PANIC BAR / CONCEALED CLOSER	-
DA-100b	DINING	3'-0"x7'-10"	-	ALUM	S-5	-	HARDWARE BY MANF. - "D" PULL / PANIC BAR / CONCEALED CLOSER	-
DA-103	KITCHEN	3'-0"x7'-0"	-	F-1	1	3/A8 4/A8	1	AD.1
DA-104	WORK AREA	EXISTING	-	-	-	-	-	AD.1
DA-105	OFFICE FOYER	3'-0"x7'-0"	-	F-1	1	3/A8 4/A8	2	AD.1
DA-106	TASTING	3'-0"x7'-0"	120 MIN.	F-1	2	5/A8 SIM. 6/A8 SIM.	2	AD.1
DA-107	MENS	3'-0"x7'-0"	-	F-1	2	3/A8 4/A8	1	AD.1
DA-108	WOMENS	3'-0"x7'-0"	-	F-1	2	5/A8 SIM. 6/A8 SIM.	1	AD.1
DA-109	NOT USED	-	-	-	-	-	-	AD.1
DB-100a	BREWHOUSE	EXISTING	-	-	-	-	PAINT DOOR/FRAME ONLY	-
DB-100b	BREWHOUSE	EXISTING	-	-	-	-	PAINT DOOR/FRAME ONLY	-
DB-100c	BREWHOUSE	EXISTING	-	-	-	-	OVERHEAD DOOR / NO WORK	-
DB-101	BOILER / ELECTRICAL	(2) 3'-0"x7'-0"	60 MIN.	F-1	2	3/A8 4/A8	3	AD.1
DB-102	LAB	3'-0"x7'-0"	-	PG-1	1	3/A8 4/A8	3	AD.1
DB-103	STAFF RESTROOM	3'-0"x7'-0"	-	F-1	1	3/A8 4/A8	4	AD.1
DB-104	MALT	3'-0"x7'-0"	-	F-1	2	3/A8 4/A8	3	AD.1
DB-106	LOADING	EXISTING	-	-	-	-	OVERHEAD DOOR / NO WORK	-
DB-107a	STAGING	EXISTING	-	-	-	-	PAINT DOOR/FRAME ONLY	AD.2
DB-107b	STAGING	3'-0"x7'-0"	-	PG-1	2	5/A8 6/A8	2	AD.2
DB-202	RESTROOM	EXISTING	-	-	-	-	PAINT DOOR/FRAME ONLY	-
DB-203	CLOSET	EXISTING	-	-	-	-	PAINT DOOR/FRAME ONLY	-
RA-106	TASTING	10'-0"x5'-6"	120 MIN.	-	4	5/A8 SIM. 6/A8 SIM.	-	AD.1
RB-200	NOT USED	-	-	-	-	-	CONFORM TO ASTM E 119 OR UL 263	AD.1

- GENERAL NOTES:
- FIRE RATING IN MINUTES.
 - COORDINATE SECURITY DEVICES TO ACCOMMODATE EMERGENCY EXITING OVER RIDE.
 - KEYING DETERMINED BY TENANT AND HARDWARE PROVIDER.
 - DOORS MUST BE OPERABLE FROM INSIDE ROOM WITHOUT USE OF KEY OR SPECIAL KNOWLEDGE IN CASE OF EMERGENCY.
 - ALL DOOR HARDWARE MUST BE ADA COMPLIANT

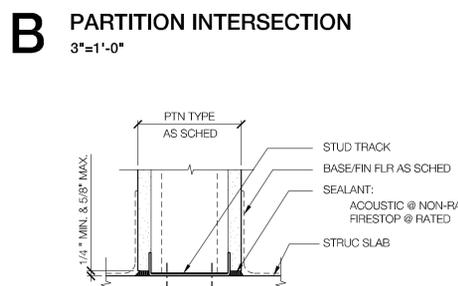
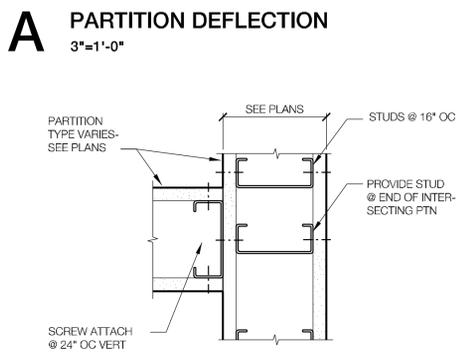
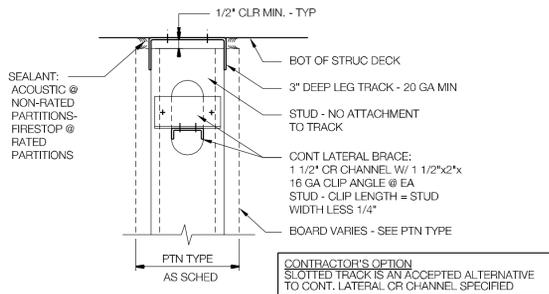
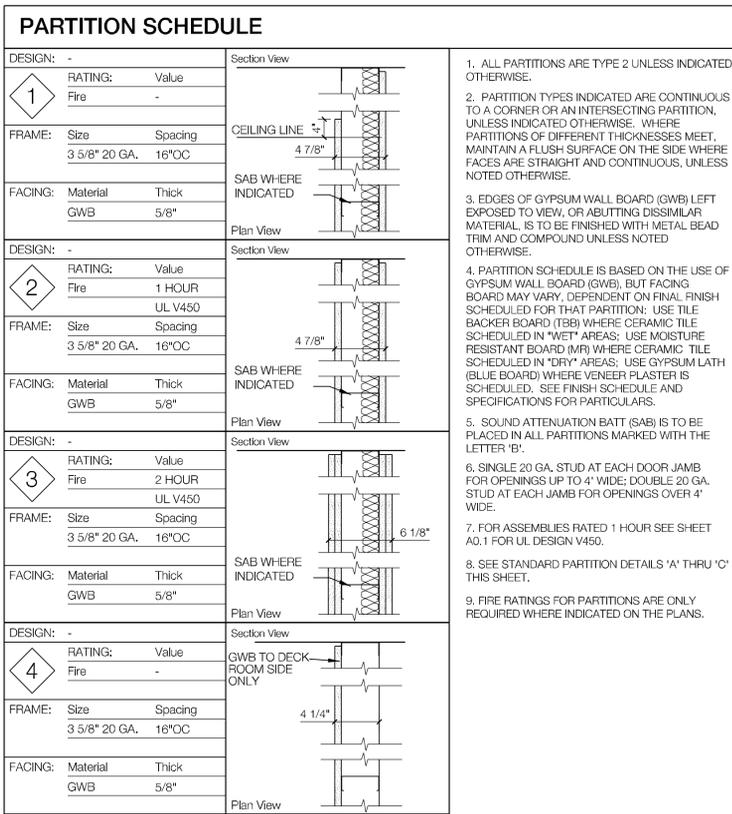
DOOR TYPE SCHEDULE	
ELEVATION	DESCRIPTION
	TYPE: MTRL/FIN THK GLASS REMARKS F-1 HMPNT 1 3/4" -- -
	TYPE: MTRL/FIN THK GL REMARKS PG-1 HMPNT 1 3/4" SG-1 TEMPERED GLASS



DOOR HARDWARE	
ARCHITECT IS TO SELECT, AWARD & WORK WITH THE HARDWARE SUPPLIER TO PROVIDE AND SELECT THE FINISH HARDWARE. NOTE THAT NO ALUMINUM DOOR HARDWARE IS INCLUDED IN THE FINISH HARDWARE ALLOWANCE BUT SHOULD BE INCLUDED IN BASE BID. ALLOW \$ 6,000.00 + TAX FOR THE FINISH HARDWARE ON NEW OPENINGS & MODIFY HARDWARE ON SOME EXISTING DOORS.	
EXISTING HARDWARE TO BE REMOVED WILL NEED TO BE SURVEYED, AND RECOMMENDATIONS PROVIDED FOR ITS RE-USE WHERE APPLICABLE.	
ALSO NOTE THAT INSTALLATION LABOR IS NOT INCLUDED IN THE ALLOWANCE AND SHOULD BE INCLUDED IN BASE BID PRICING.	
THE DOUBLE ACTING KITCHEN DOOR IS ALSO NOT INCLUDED AND SHOULD BE INCLUDED IN THE BASE BID PRICE (BY MANUFACTURER)	
G.C. MAY PROPOSE HARDWARE SUPPLIER OF THEIR CHOICE FOR APPROVAL TO THE ARCHITECT. THE ARCHITECT'S PREFERRED HARDWARE	
PROVIDER / CONSULTANT IS:	
TOM WHITAKER, AHC PROBUILD (614) 206-3666	

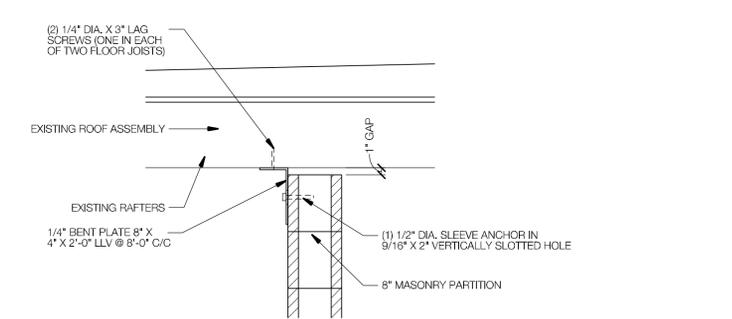
HARDWARE SETS	
SET	COMPONENTS
1	3 - BALL BEARING HINGES US26D PUSH/PULL CLOSER
2	3 - BALL BEARING HINGES US26D ENTRANCE LOCK SET CLOSER
3	3 - BALL BEARING HINGES US26D CLASSROOM LOCK SET CLOSER FLUSH BOLTS ON INACTIVE LEAF (PAIRED DOORS ONLY)
4	3 - BALL BEARING HINGES US26D PRIVACY LOCK SET 1 - WALL STOP

PLANTING SCHEDULE						
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
⊙	33	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' C	FEATHER REED GRASS	#1	2' O.C.	DARK BROWN MULCH TO BE PROVIDED BELOW
⊗	38	PENNILETUM ALOPECUROIDES 'HAMELN'	DWARF FOUNTAIN GRASS	#1	1' O.C. TRI	DARK BROWN MULCH TO BE PROVIDED BELOW



E NOT USED
NTS

CODE INFORMATION / LIFE SAFETY NOTES	
SCOPE OF WORK: SUBSTANTIAL RENOVATION PARTIAL CHANGE OF USE (FRONT SECTION ONLY)	OCCUPANT LOAD: GROSS FLOOR AREA: 42,890 GROSS SF MINIMUM OCCUPANT LOAD (TABLE 1004.1.1) ASSEMBLY - 15 NET SF BUSINESS - 100 GROSS SF FACTORY - 200 GROSS SF KITCHEN - 200 GROSS
APPLICABLE CODES: 2011 OHIO BUILDING, MECHANICAL, AND PLUMBING CODES CBC CHAPTER 11 AND ICC A117.1-2009. ACCESSIBILITY AND USABLE BUILDINGS AND FACILITIES AS MODIFIED BY CBC CHAPTER 11.	OCCUPANT LOAD BY TYPE: DINING 1,450 SF 15 SF 97 KITCHEN 825 SF 200 SF 5 FACTORY 7,837 SF 200 SF 40 BUSINESS 692 SF 100 SF 7 TOTAL 149
OCCUPANCY: 'A-2' ASSEMBLY - BAR / RESTAURANT 'F-2' FACTORY - BEVERAGE PRODUCTION 'B' BUSINESS - OFFICE (ACCESSORY TO 'A-2')	TYPE OF CONSTRUCTION: III-B NON-PROTECTED
ALLOWABLE HEIGHT & AREA 'A-2' = 9,500 SF & 2 STORIES 'F-2' = 18,000 SF & 3 STORIES	EXITING NUMBER OF EXITS - 2 MIN., TABLE 1021.1 2 EXITS PROVIDED FROM BOTH THE 'A-2' & FROM THE 'F-2' OCCUPANCY EXIT WIDTH - 44" MIN.
ACTUAL HEIGHT & AREA 'A-2' = 3,296 SF & 1 STORY 'F-2' = 7,837 SF TOTAL = 11,823 SF	WATER CLOSETS ASSEMBLY 146 75 2 FACTORY 40 100 1 BUSINESS 7 50 1 TOTAL 192 4 - 2 PER SEX
REQUIRED SEPERATION BETWEEN OCCUPANCIES 'A-2' TO 'F-2' (NON-SPRINKLERED) = 2 HOUR	2 PROVIDED PER SEX 2 ADDITIONAL UNISEX RESTROOMS ARE PROVIDED
FIRE RESISTANCE EXTERIOR WALLS RATED 2 HOURS	LAVATORIES ASSEMBLY 146 75 2 FACTORY 40 100 1 BUSINESS 7 80 1 TOTAL 192 4 - 2 PER SEX
FIRE RESISTANCE FOR OPENINGS GREATER THAN 30" UNPROTECTED/NONSPRINKLED = NO LIMIT	2 PROVIDED PER SEX 2 ADDITIONAL UNISEX RESTROOMS ARE PROVIDED
FIRE BARRIERS: EXIT ACCESS CORRIDORS - 1 HR >30 OCCUPANTS W/O SPRINKLER (TABLE 1018.1)	DRINKING FOUNTAINS - NOT REQUIRED IN RESTAURANTS SERVING WATER - OPC 410.1
INTERIOR FINISHES INTERIOR FINISH & TRIM - SECTION 803.0	SERVICE SINK - 1 REQUIRED 1 PROVIDED
MEANS OF EGRESS: REMOTENESS - 1/2 DIAGONAL DIM. LENGTH OF TRAVEL - 200' (TABLE 1016.1) 'A-2' OCCUPANCY - 300' (TABLE 1016.1) 'F-2' OCCUPANCY	* INCLUDE PATIO OCCUPANT LOAD OF 43 OCCUPANTS
DEAD END CORRIDOR = 20'	



TENANT IMPROVEMENT



424 WEST TOWN STREET
COLUMBUS OHIO 43215
PARCEL ID: 010-049744

PROPERTY OWNER:
HARPER ENTERPRISES INC.
2176 OAKMOUNT ROAD
COLUMBUS OHIO 43221



MARK OURS, LICENSE #13775
EXPIRATION DATE: 12/31/15

ADDENDUM #2 05.09.2014
ADDENDUM #1 05.01.2014
PERMIT SET 03.18.2014
PRICING SET 03.04.2014

modearchitects
174 THURMAN AVENUE COLUMBUS OHIO 43206
WWW.MODEARC.COM 614.836.5124

PROJECT INFORMATION

PROJECT # 2013-50
DATE 12.16.2013
SCALE 1/4"=1'-0"

A0

TENANT IMPROVEMENT



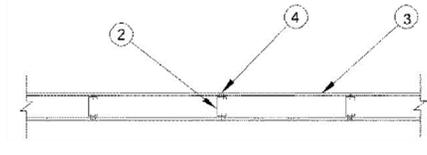
424 WEST TOWN STREET
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PARCEL ID: 010-049744

PROPERTY OWNER:

HARPER ENTERPRISES INC.
2176 OAKMOUNT ROAD
COLUMBUS OHIO 43221

FIRE RESISTANCE RATINGS - ANSUIUL 263
SEE GENERAL INFORMATION FOR FIRE RESISTANCE RATINGS - ANSUIUL 263
OSGRIJN NO. V451
MARCH 31, 2011
NONBEARING WALL RATING - 1 OR 2 HR (SEE ITEMS 1, 1A, 1B, 1C, 2, 2A, 2B, 3 THROUGH 3F)



1. FRAMING MEMBERS* - FLOOR AND CEILING RUNNERS - (NOT SHOWN) - FOR 1 HOUR RATING, PROPRIETARY CHANNEL SHAPED, MIN. 3-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC, MAX. EFFECTIVE THICKNESS IS 0.034 IN.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

1A. FRAMING MEMBERS* - FLOOR AND CEILING RUNNERS - (NOT SHOWN) - FOR 2 HOUR RATINGS, PROPRIETARY CHANNEL SHAPED, MIN. 2-1/2 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING FASTENERS 24 IN. OC, MAX. EFFECTIVE THICKNESS IS 0.034 IN.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

1B. FRAMING MEMBERS* - FLOOR AND CEILING RUNNERS - (NOT SHOWN) - AS AN ALTERNATE TO ITEM 1 OR 1A - FLAT TRACK FOR 1 HOUR RATING, PROPRIETARY CHANNEL SHAPED, MIN. 3-5/8 IN. WIDE FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING FASTENERS 24 IN. OC, MAX. FOR 2 HOUR RATING, PROPRIETARY CHANNEL SHAPED, MIN. 2-1/2 IN. WIDE S, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING FASTENERS 24 IN. OC, MAX. EFFECTIVE THICKNESS IS 0.034 IN.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

1C. FRAMING MEMBERS* - FLOOR AND CEILING RUNNERS - (FOR USE WITH ITEMS 3B, 3C, 3E AND 3F ONLY) - FOR 2 HOUR RATING, PROPRIETARY CHANNEL SHAPED, MIN. 1-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING FASTENERS 24 IN. OC, MAX.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

1D. FRAMING MEMBERS - FLOOR AND CEILING RUNNERS - (NOT SHOWN) - FOR USE WITH ITEMS 1, 1A, 1B AND 1C - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN WIDTH TO ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN. LONG LEGS, ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC, MAX.

1E. FRAMING MEMBERS* - FLOOR AND CEILING RUNNERS - (NOT SHOWN) - AS AN ALTERNATE TO ITEMS 1 THROUGH 1D, FOR 1 HOUR RATINGS, USE WITH ITEMS 2C AND 3, 3A, 3B OR 3C ONLY, PROPRIETARY CHANNEL SHAPED, MIN. 3-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC, MAX. GYPSUM BOARD SHALL BE APPLIED VERTICALLY ONLY. FOR A 2 HOUR RATING, USE WITH ITEMS 2C AND 3A THROUGH 3G, PROPRIETARY CHANNEL SHAPED, MIN. 1-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24 IN. OC, MAX. GYPSUM BOARD MAY BE APPLIED VERTICALLY OR HORIZONTALLY.

CLARKWESTERN BUILDING SYSTEMS INC - C/P PROTRAK
DIETRICH INDUSTRIES INC - DIETRICH PROTRAK

MBA BUILDING SUPPLIES - PROTRAK
SOUTH-EASTERN STUD & COMPONENTS INC - PROTRAK

2. FRAMING MEMBERS* - STEEL STUDS - FOR 1 HOUR RATING, PROPRIETARY CHANNEL SHAPED STUDS, MIN. 3-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT, EFFECTIVE THICKNESS IS 0.034 IN.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

2A. FRAMING MEMBERS* - STEEL STUDS - FOR 2 HOUR RATINGS, PROPRIETARY CHANNEL SHAPED STUDS, MIN. 2-1/2 IN. WIDE, FABRICATED FROM 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT, EFFECTIVE THICKNESS IS 0.034 IN.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

2B. FRAMING MEMBERS* - STEEL STUDS - (FOR USE WITH ITEMS 3B, 3C, 3D, 3E AND 3F ONLY) - FOR 2 HOUR RATING, PROPRIETARY CHANNEL SHAPED STUDS, MIN. 1-5/8 IN. WIDE, FABRICATED FROM 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT, EFFECTIVE THICKNESS IS 0.034 IN.

CLARKWESTERN BUILDING SYSTEMS INC - ULTRASTEEL®
DIETRICH INDUSTRIES INC - ULTRASTEEL®.

2C. FRAMING MEMBERS* - STEEL STUDS - AS AN ALTERNATE TO ITEMS 2 THROUGH 2B, FOR A 1 HOUR RATING, USE WITH ITEMS 1E AND 3, 3A, 3B OR 3C ONLY, PROPRIETARY CHANNEL SHAPED STUDS, MIN. 3-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT, GYPSUM BOARDS SHALL BE APPLIED VERTICALLY ONLY. FOR A 2 HOUR RATING, USE WITH ITEMS 1E AND 3A THROUGH 3B ONLY, PROPRIETARY CHANNEL SHAPED STUDS, MIN. 3-5/8 IN. WIDE, FABRICATED FROM MIN. 0.0150 IN. (MIN BARE METAL THICKNESS) GALVANIZED STEEL, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT, GYPSUM BOARDS MAY BE APPLIED VERTICALLY OR HORIZONTALLY.

CLARKWESTERN BUILDING SYSTEMS INC - C/P PROSTUD
DIETRICH INDUSTRIES INC - DIETRICH PROSTUD

MBA BUILDING SUPPLIES - PROSTUD
SOUTH-EASTERN STUD & COMPONENTS INC - PROSTUD

3. GYPSUM BOARD* - FOR 1 HOUR RATING, ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1-1/4 IN. LONG BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD OF THE BOARDS, VERTICAL JOINTS ARE STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL.

UNITED STATES GYPSUM CO - TYPE C

3A. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 3) FOR 1 HOUR RATING, ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND IN THE FIELD OF THE BOARDS, VERTICAL JOINTS ARE STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 1 HOUR RATING, ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 8-1/2 IN. OC AT THE PERIMETER AND IN THE FIELD OF THE BOARDS, VERTICAL BUTT JOINTS ARE STAGGERED FROM VERTICAL BUTT JOINTS ON OPPOSITE SIDES OF THE WALL, HORIZONTAL JOINTS NEED NOT TO BE STAGGERED ON OPPOSITE SIDES OF THE WALL OR BACKED BY STEEL FRAMING. FOR 2 HOUR RATING (NOT SHOWN), TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY, BASE LAYER OF 5/8 IN. THICK GYPSUM BOARD ATTACHED TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 16 IN. OC, STARTING 8 IN. FROM THE EDGE OF THE BOARD WITH ONE SCREW 1-1/4 IN. FROM THE EDGE, FACE LAYER OF BOARD ATTACHED TO STUDS WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 16 IN. OC, STARTING 8 IN. FROM THE EDGE OF THE BOARD WITH ONE SCREW 1-1/4 IN. FROM THE EDGE, HORIZONTAL JOINTS ON THE FACE LAYER ARE STAGGERED 12 IN. FROM THE BASE LAYER, HORIZONTAL JOINTS NEED NOT TO BE BACKED BY STEEL FRAMING.

UNITED STATES GYPSUM CO - TYPE SCX

3B. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 3) - FOR 1 HR RATING (VERTICAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1-1/4 IN. LONG BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD OF THE BOARDS, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 1 HR RATING (HORIZONTAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 16 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, OUTER LAYER ATTACHED TO STUDS WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 16 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED BETWEEN LAYERS AND ON OPPOSITE SIDES OF THE WALL. FOR 2 HR RATING (HORIZONTAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY, INNER LAYER ATTACHED TO STUDS WITH #6 X 1 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 24 IN. OC WITH THE 1ST SCREW INSTALLED 1-1/4 IN. FROM THE BOARD EDGE AND TO THE TRACK ONLY SPACED 24 IN. OC, OUTER LAYER ATTACHED TO STUDS WITH #6 X 1-5/8 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 16 IN. OC WITH THE 1ST AND 2ND SCREWS INSTALLED 1-1/4 IN. AND 8 IN. FROM THE BOARD EDGE, RESPECTIVELY, AND TO THE TRACK ONLY SPACED 16 IN. OC, HORIZONTAL JOINTS ON THE FACE LAYER ARE STAGGERED 12 IN. FROM THE BASE LAYER, HORIZONTAL JOINTS NEED NOT TO BE BACKED BY STEEL FRAMING.

NATIONAL GYPSUM CO = TYPES FSK, FSK-C, FSW, FSW-0, FSW-C

3C. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 3) - FOR 1 HR RATING (VERTICAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1-1/4 IN. LONG BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD OF THE BOARDS, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 1 HR RATING (HORIZONTAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD ATTACHED HORIZONTALLY TO STUDS WITH #6 X 1 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 8 IN. OC; AND TO FLOOR AND CEILING RUNNERS WITH 1 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 8 IN. OC, WITH THE 1ST SCREW 2 IN. FROM BOARD EDGE. HORIZONTAL JOINTS NEED NOT BE STAGGERED ON OPPOSITE FACES OR BACKED BY STEEL FRAMING. FOR 2 HR RATING (NOT SHOWN) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY, INNER LAYER ATTACHED TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 16 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, OUTER LAYER ATTACHED TO STUDS WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 16 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED BETWEEN LAYERS AND ON OPPOSITE SIDES OF THE WALL.

LAFARGE NORTH AMERICA INC - TYPE LGF06A, LGFC-C/A

3C. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 3) - FOR 1 HR RATING (VERTICAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1-1/4 IN. LONG BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD OF THE BOARDS, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 1 HR RATING (HORIZONTAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD ATTACHED HORIZONTALLY TO STUDS WITH 1 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 8 IN. OC; AND TO FLOOR AND CEILING RUNNERS WITH 1 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 8 IN. OC, WITH THE 1ST SCREW 2 IN. FROM BOARD EDGE. HORIZONTAL JOINTS NEED NOT BE STAGGERED ON OPPOSITE FACES OR BACKED BY STEEL FRAMING. FOR 2 HR RATING (NOT SHOWN) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY, INNER LAYER ATTACHED TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 16 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, OUTER LAYER ATTACHED TO STUDS WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 16 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED BETWEEN LAYERS AND ON OPPOSITE SIDES OF THE WALL.

LAFARGE NORTH AMERICA INC - TYPE LGF06A, LGFC-C/A

3D. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 3) - FOR 1 HOUR RATING - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH 1 IN. LONG TYPE-S BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD OF THE BOARDS, STARTING 6 IN. FROM THE EDGE OF THE BOARD, VERTICAL JOINTS ARE CENTERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 2 HOUR RATING (HORIZONTAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK, 4 FT. WIDE, GYPSUM BOARD APPLIED HORIZONTALLY, INNER LAYER SECURED TO THE STEEL STUDS WITH #6 X 1 IN. LONG BUGLE HEAD STEEL SCREWS SPACED 24 IN. OC WITH THE 1ST SCREW INSTALLED 1-1/4 IN. FROM THE BOARD EDGE, AND TO THE TRACK ONLY, SPACED 24 IN. OC, OUTER LAYER SECURED TO STUDS WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 16 IN. OC WITH THE 1ST SCREW INSTALLED 1-1/4 IN. FROM THE BOARD EDGE, AND TO THE TRACK ONLY, SPACED 16 IN. OC, VERTICAL BUTT JOINTS CENTERED OVER STUDS, HORIZONTAL JOINTS ON THE FACE LAYER ARE STAGGERED 12 IN. FROM THE BASE LAYER, HORIZONTAL JOINTS NOT NEED BE BACKED. FOR 2 HOUR RATING (VERTICAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK, 4 FT. WIDE, GYPSUM BOARD APPLIED VERTICALLY, INNER LAYER ATTACHED WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS WITH ONE SCREW LOCATED 8 IN. FROM EACH EDGE OF THE BOARD AND 16 IN. OC ALONG THE STUDS WITH ONE SCREW LOCATED 8 IN. FROM ONE EDGE OF THE BOARD, OUTER LAYER ATTACHED WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 12 IN. OC ALONG THE TOP AND BOTTOM TRACKS WITH ONE SCREW LOCATED 1-1/2 IN. FROM EACH EDGE OF THE BOARD AND 16 IN. OC ALONG THE STUDS WITH ONE SCREW LOCATED 8 IN. FROM ONE EDGE OF THE BOARD AS TO OFFSET THE FACE LAYER SCREWS 8 IN. FROM THE BASE LAYER SCREWS, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED BETWEEN LAYERS AND ON OPPOSITE SIDES OF THE WALL.

AMERICAN GYPSUM CO - TYPES AGX-1, M-GLASS

3E. GYPSUM BOARD* - FOR 1 HR RATING (VERTICAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH 1 IN. LONG TYPE-S BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD WITH THE 1ST SCREW INSTALLED 4 IN. FROM THE BOARD EDGES AT THE PERIMETER AND 6 IN. FROM THE BOARD EDGE IN THE FIELD, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 1 HR RATING (HORIZONTAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY TO STUDS WITH 1 IN. LONG TYPE-S BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND IN THE FIELD WITH THE 1ST SCREW INSTALLED 4 IN. FROM THE BOARD EDGE, HORIZONTAL JOINTS NEED NOT BE STAGGERED ON OPPOSITE FACES OR BACKED BY STEEL FRAMING. FOR 2 HR RATING (HORIZONTAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY, THE BASE LAYER IS ATTACHED TO THE STUDS, WITH #6 X 1 IN. LONG TYPE-S BUGLE HEAD SCREWS, SPACED 16 IN. OC WITH THE 1ST AND 2ND SCREWS INSTALLED 1 IN. AND 8 IN. FROM THE BOARD EDGE, RESPECTIVELY, AND TO THE TRACK SPACED 16 IN. OC, WITH THE 1ST SCREW INSTALLED 3 IN. FROM THE BOARD EDGE, THE FACE LAYER ATTACHED TO THE STUDS WITH 1-5/8 IN. LONG TYPE S BUGLE HEAD SCHEWS SPACED 16 IN. OC, WITH THE 1ST AND 2ND SCREWS INSTALLED 1 IN. AND 8 IN. FROM THE BOARD EDGE, RESPECTIVELY, AND TO THE TRACK SPACED 16 IN. OC, WITH THE 1ST AND 2ND SCREWS INSTALLED 2 IN. AND 11 IN. FROM THE BOARD EDGE, HORIZONTAL JOINTS NEED NOT BE STAGGERED ON OPPOSITE FACES OR BACKED BY STEEL FRAMING, FACE LAYER HORIZONTAL JOINTS MUST BE STAGGERED A MINIMUM 12 IN. FROM THE BASE LAYER WHEN APPLIED HORIZONTALLY. FOR 2 HR RATING (VERTICAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARDS APPLIED VERTICALLY, THE BASE LAYER ATTACHED TO THE STUDS WITH #6 X 1 IN. LONG TYPE-S BUGLE HEAD SCREWS SPACED 16 IN. OC, WITH 1ST SCREWS INSTALLED 8 IN. FROM THE BOARD EDGE IN THE FIELD AND 3 IN. FROM THE BOARD EDGE IN THE PERIMETER, THE FACE LAYER ATTACHED TO THE STUDS WITH #6 X 1-5/8 IN. LONG TYPE-S BUGLE HEAD SCREWS, SPACED 16 IN. OC, WITH 1ST SCREW INSTALLED 16 IN. FROM THE BOARD EDGE IN THE FIELD AND 1ST AND 2ND SCREWS INSTALLED 2 IN. AND 11 IN. FROM THE BOARD EDGE IN THE PERIMETER, RESPECTIVELY, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED BETWEEN LAYERS AND ON OPPOSITE SIDES OF THE WALL.

CERTAINTEED GYPSUM INC - TYPE PROROC TYPE X, PROROC TYPE C

3F. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEM 3) - FOR 1 HR RATING (VERTICAL APPLICATION) - ONE LAYER OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 8 IN. OC AT THE PERIMETER AND 12 IN. OC IN THE FIELD OF THE BOARDS WITH THE FIRST SCREW INSTALLED 2 IN. FROM THE BOARD EDGES AT THE PERIMETER AND 12 IN. FROM THE BOARD EDGE IN THE FIELD, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 2 HR RATING (VERTICAL APPLICATION - NOT SHOWN) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY, INNER LAYER ATTACHED TO STUDS WITH #6 X 1 IN. LONG BUGLE HEAD SCREWS SPACED 24 IN. OC ALONG THE TOP AND BOTTOM TRACKS AND 24 IN. OC IN THE FIELD AND ALONG THE VERTICAL EDGES, OUTER LAYER ATTACHED TO STUDS WITH #6 X 1-5/8 IN. LONG BUGLE HEAD SCREWS SPACED 16 IN. OC WITH 1ST SCREW INSTALLED 16 IN. FROM THE BOARD EDGE IN THE FIELD AND 1ST AND 2ND SCREWS INSTALLED 2 IN. AND 11 IN. FROM THE BOARD EDGE, HORIZONTAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED BETWEEN LAYERS AND ON OPPOSITE SIDES OF THE WALL. FOR 2 HR RATING (HORIZONTAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY, INNER LAYER ATTACHED TO STUDS WITH #6 X 1 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 24 IN. OC WITH THE 1ST SCREW INSTALLED 1-1/4 IN. FROM THE BOARD EDGE AND TO THE TRACK ONLY SPACED 24 IN. OC, WITH 1ST SCREWS WITH 1-5/8 IN. LONG TYPE S BUGLE HEAD SCREWS SPACED 16 IN. OC WITH THE 1ST AND 2ND SCREWS INSTALLED 1-1/4 IN. AND 8 IN. FROM THE BOARD EDGE, RESPECTIVELY, AND TO THE TRACK ONLY SPACED 16 IN. OC, HORIZONTAL JOINTS ON THE FACE LAYER ARE STAGGERED 12 IN. FROM THE BASE LAYER, HORIZONTAL JOINTS NEED NOT BE STAGGERED ON OPPOSITE FACES OR BACKED BY STEEL FRAMING.

GEORGIA-PACIFIC GYPSUM L L C - FOR 1 HR RATING TYPES 5, 9, C, DAP, DAPC, DGG, DS; FOR 2 HR RATING TYPES 5, 6, 9, C, DAP, DAPC, DGG, DS. TYPE 6 SHALL BE APPLIED VERTICALLY IN BOTH LAYERS

3G. GYPSUM BOARD* - (FOR USE WITH ITEMS 1, 1A, 1B, 2, 2A, 3A) FOR 1 HR RATING - ONE LAYER OF 1/2 IN. THICK GYPSUM BOARD APPLIED VERTICALLY OR HORIZONTALLY. (HORIZONTAL APPLICATION) - ONE LAYER OF 1/2 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY TO STUDS WITH #6 X 1 IN. LONG TYPE-S BUGLE HEAD STEEL SCREWS SPACED 8 IN. OC ALONG THE VERTICAL JOINTS AND 12 IN. FROM THE BOARD EDGE IN THE FIELD, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. FOR 2 HR RATING (VERTICAL APPLICATION) - TWO LAYERS OF 5/8 IN. THICK GYPSUM BOARD APPLIED VERTICALLY, INNER LAYER ATTACHED TO STUDS WITH #6 X 1 IN. LONG TYPE-S BUGLE HEAD STEEL SCREWS SPACED 16 IN. OC WITH THE FIRST AND LAST SCREWS INSTALLED 1-1/2 IN. FROM BOARD EDGES, HORIZONTAL JOINTS NEED NOT BE STAGGERED ON OPPOSITE FACES OR BACKED BY STEEL FRAMING (VERTICAL APPLICATION) - ONE LAYER OF 1/2 IN. THICK GYPSUM BOARD APPLIED VERTICALLY TO STUDS WITH #6 X 1 IN. LONG TYPE-S BUGLE HEAD STEEL SCREWS SPACED 8 IN. OC AND 12 IN. OC IN THE FIELD OF THE BOARDS, GYPSUM PANELS SECURED TO THE FLOOR AND CEILING RUNNERS WITH #6 X 1 IN. LONG TYPE-S BUGLE HEAD STEEL SCREWS SPACED 16 IN. OC, VERTICAL JOINTS ARE CENTERED OVER STUDS AND STAGGERED FROM VERTICAL JOINTS ON OPPOSITE SIDES OF THE WALL. . ITEM 5A IS REQUIRED.

AMERICAN GYPSUM CO - TYPES AG-C TEMPLE-INLAND - TYPE TG-C

3H. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 3 THROUGH 3G) - INSTALLED AS DESCRIBED IN ITEM 3B, 5/8 IN. THICK, 4 FT. WIDE, PAPER SURFACED, APPLIED VERTICALLY.

NATIONAL GYPSUM CO - SOUNDBREAK XP TYPE X GYPSUM BOARD

4. JOINT TAPE AND COMPOUND - VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO OUTER LAYER JOINTS AND SCREW HEADS, PAPER TAPE, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

5. BATTS AND BLANKETS* - (OPTIONAL, NOT SHOWN), FRICTION FIT IN STUD CAVITIES, ANY GLASS FIBER OR MINERAL WOOL INSULATION BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE. SEE BATTS AND BLANKETS (BZJZ) FOR NAMES OF CLASSIFIED COMPANIES.

5A. BATTS AND BLANKETS* - (NOT SHOWN, FOR USE WITH ITEM 3G), FRICTION FIT IN STUD CAVITIES, MINERAL WOOL INSULATION WITH A MINIMUM THICKNESS OF 1-1/2 IN. AND A MINIMUM DENSITY OF 2-1/2 PCF BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE. SEE BATTS AND BLANKETS (BZJZ) FOR NAMES OF CLASSIFIED COMPANIES.

6. FRAMING MEMBERS* - RESILIENT CHANNELS - (OPTIONAL, NOT SHOWN) - RESILIENT FURRING CHANNELS FABRICATED FROM MIN. 25 MSG CORROSION-PROTECTED STEEL, SPACED VERTICALLY A MAX OF 24 IN. OC, FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE S-12 PAN-HEAD STEEL SCREWS.

DIETRICH INDUSTRIES INC -- TYPE RCUR, RCSD, RCSE, RCDN, AND RCDE.

*BEARING THE UL CLASSIFICATION MARK

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NOT USED



ADDENDUM #2	05.09.2014
ADDENDUM #1	05.01.2014
PERMIT SET	03.16.2014
PRICING SET	03.04.2014

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UL ASSEMBLIES

PROJECT #	2013-50
DATE	12.16.2013
SCALE	1/4"=1'-0"

A0.1



424 WEST TOWN STREET
COLUMBUS OHIO 43215
PARCEL ID: 010-049744

PROPERTY OWNER:

HARPER ENTERPRISES INC.
2176 OAKMOUNT ROAD
COLUMBUS OHIO 43221

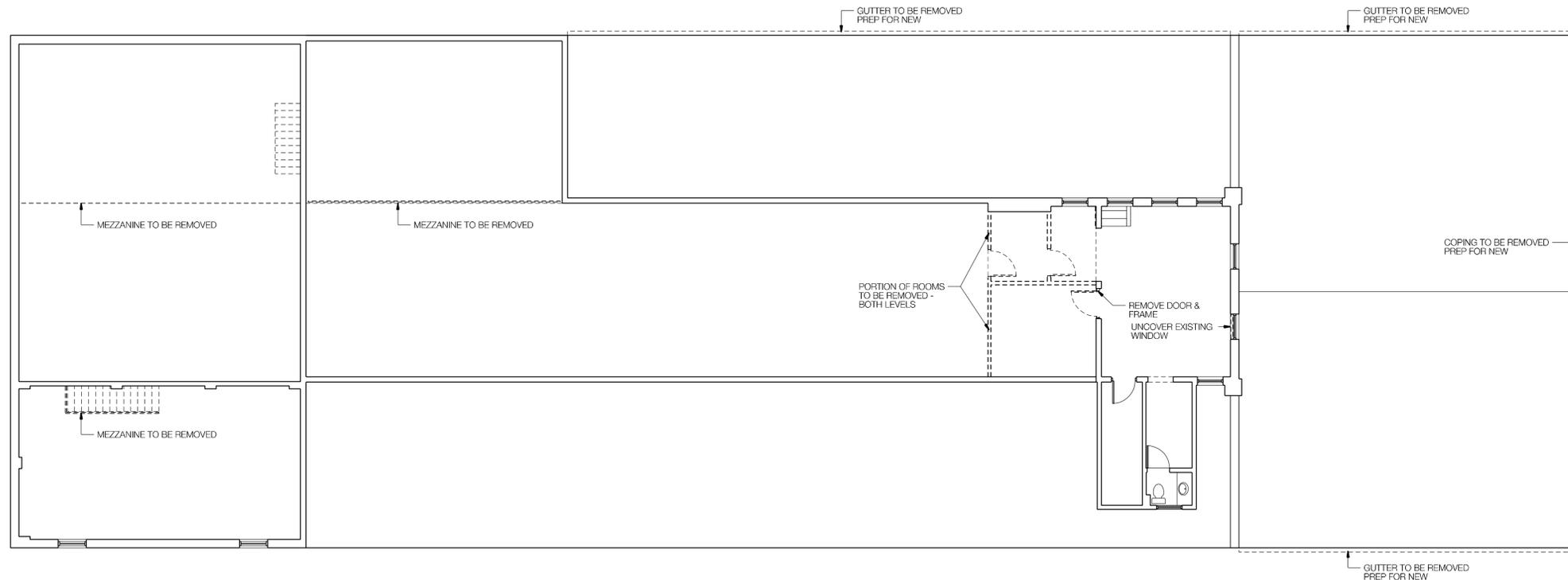
DEMO NOTES

GENERAL NOTES

1. COORDINATE ALL DEMOLITION W/ G.C. PRIOR TO COMMENCING WORK
2. REMOVE ALL EXISTING FLOORING.
3. REMOVE ALL MATERIALS DASHED ON DEMO DRAWINGS.
4. PREP ALL SURFACES TO RECEIVE FINISHES SPECIFIED.
5. PATCH OR REPAIR ALL ADJACENT SURFACES TO REMAIN THAT ARE DISTURBED BY DEMOLITION WORK.

DEMOLITION PLAN CODED NOTES

1. WALL TO BE REMOVED
2. DOOR TO BE REMOVED
3. CABINETS TO BE REMOVED
4. PLUMBING FIXTURE TO BE REMOVED
5. FLOOR AREA TO BE REMOVED FOR NEW SLAB



1 MEZZANINE DEMO PLAN
1/8"=1'-0"

PLAN NOTES

1. ALL DIMENSIONS ARE TO FINISHED FACE. U.N.O.
2. SEE SHEET A0 FOR DOOR SCHEDULE AND FINISH SCHEDULE INFORMATION
3. ALL PARTITIONS ARE TYPE 1 U.N.O.
4. S&B ABOVE CEILING FOR ALL ROOMS WHOSE WALLS ARE MARKED WITH '1B'.
5. SEE A0 FOR FLOOR MATERIAL TRANSITIONS
6. SEE D1A0 FOR BRACING OF ALL CMU PARTITIONS

LEGEND

- EXISTING WALL/PARTITION
- NEW PARTITION
- EXISTING 1 HOUR ASSEMBLY
- 2 HOUR ASSEMBLY
- 8" CMU PARTITION
- FIRE EXTINGUISHER



MARK OURS, LICENSE #13775
EXPIRATION DATE: 12/31/15

ADDENDUM #2	05.09.2014
ADDENDUM #1	05.01.2014
PERMIT SET	03.18.2014
PRICING SET	03.04.2014

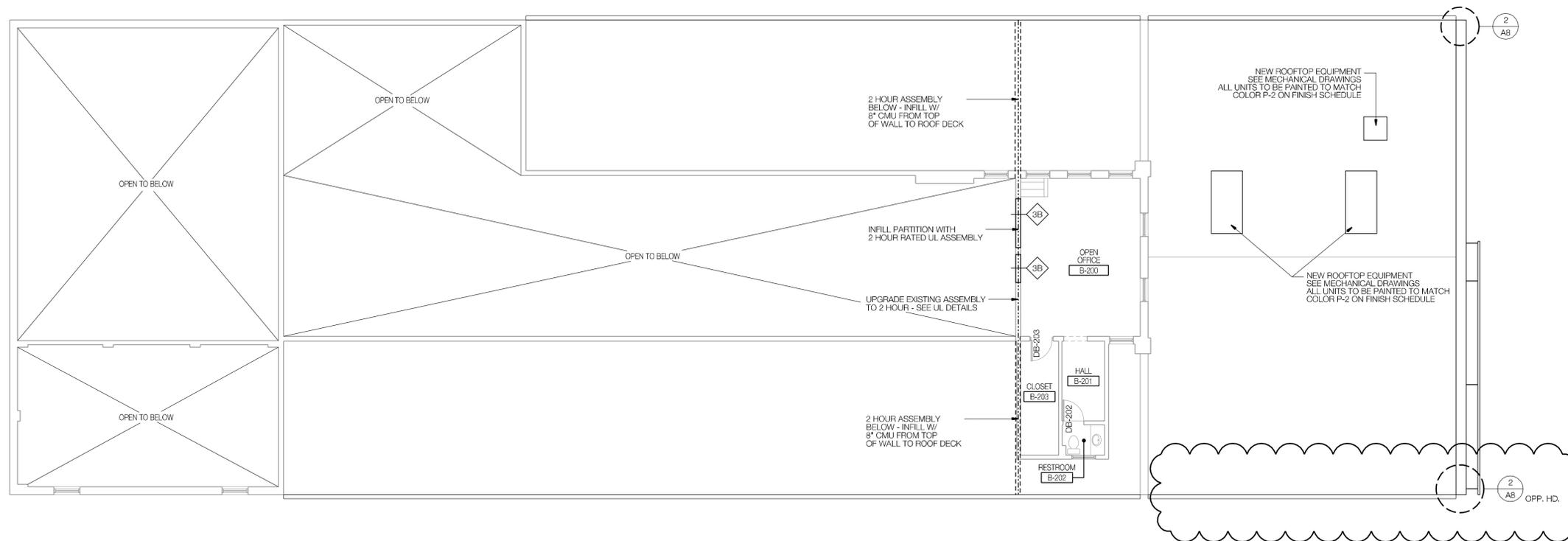
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MEZZANINE FLOOR PLANS

PROJECT # 2013-50

DATE 12.16.2013

SCALE 1/8"=1'-0"



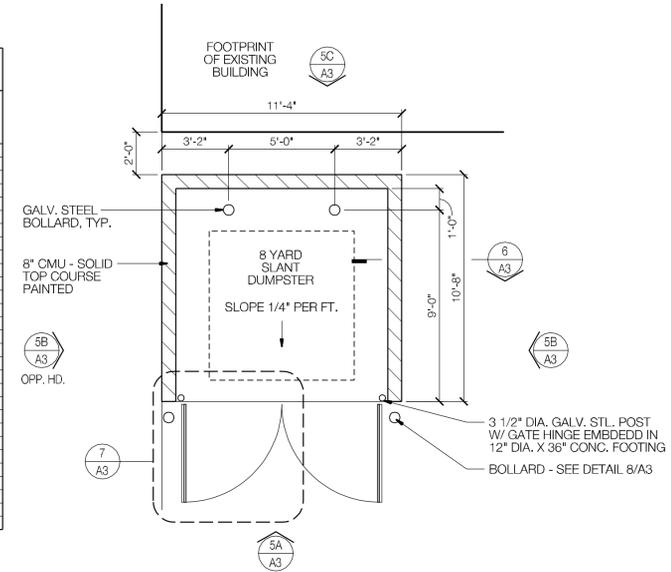
2 MEZZANINE NEW WORK PLAN
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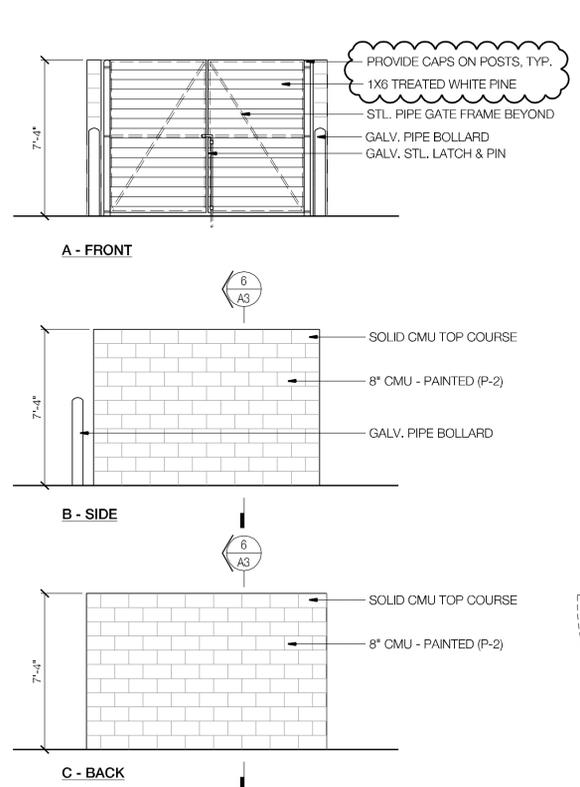
424 WEST TOWN STREET
COLUMBUS OHIO 43215
PARCEL ID: 010-049744

PROPERTY OWNER:
HARPER ENTERPRISES INC.
2176 OAKMOUNT ROAD
COLUMBUS OHIO 43221

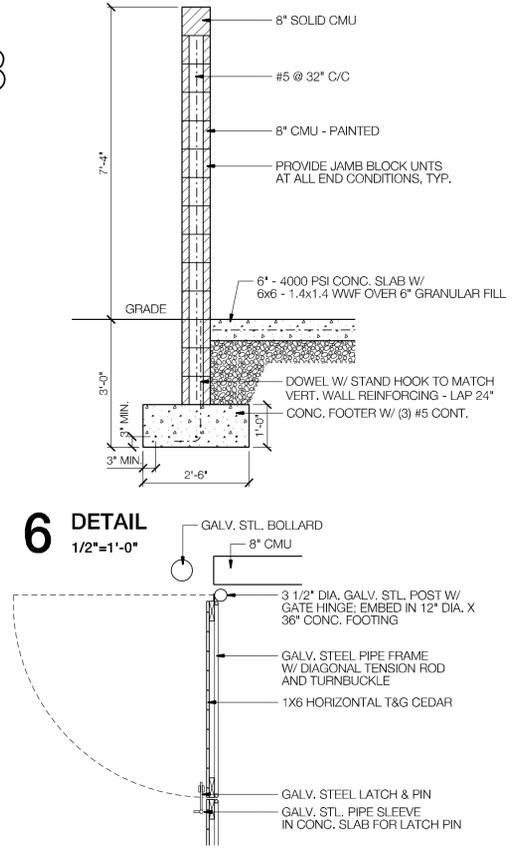
NO.	DESCRIPTION	MANUFACTURER	REV
1	NOT USED	-	
2	NOT USED	-	
3	NOT USED	-	
4	NOT USED	-	
5	-	-	
6	NOT USED	-	
7	NOT USED	-	
8	NOT USED	-	
9	NOT USED	-	
10	NOT USED	-	
11	NOT USED	-	
12	NOT USED	-	
13	NOT USED	-	
14	WALK-IN COOLER	TBD	
15	POINT OF SALE MACHINE	TBD	
16	UNDERCOUNTER MERCHANDISER	EXISTING - BY OWNER	
17	BAR TAP UNIT	CUSTOM	
18	STAINLESS STEEL TABLE	TBD	
19	HAND SINK	SEE PLUMBING DWGS	
20	3 COMPARTMENT SINK	EXISTING - BY OWNER	
21	GLASS WASHER	EXISTING - BY OWNER	
22	ICE BIN	EXISTING - BY OWNER	
22.1	SODA DISPENSER	TBD	
23	ICE MAKER	TBD	
24	FREEZER	TBD	
25	GLASS WASHER	TBD	
26	BAG-IN-A-BOX	TBD	
27	SODA GUN	TBD	



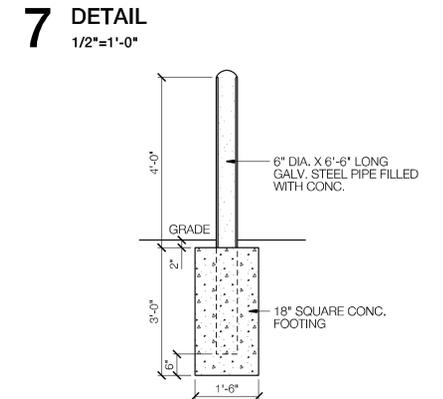
4 ENLARGED PLAN
1/4"=1'-0"



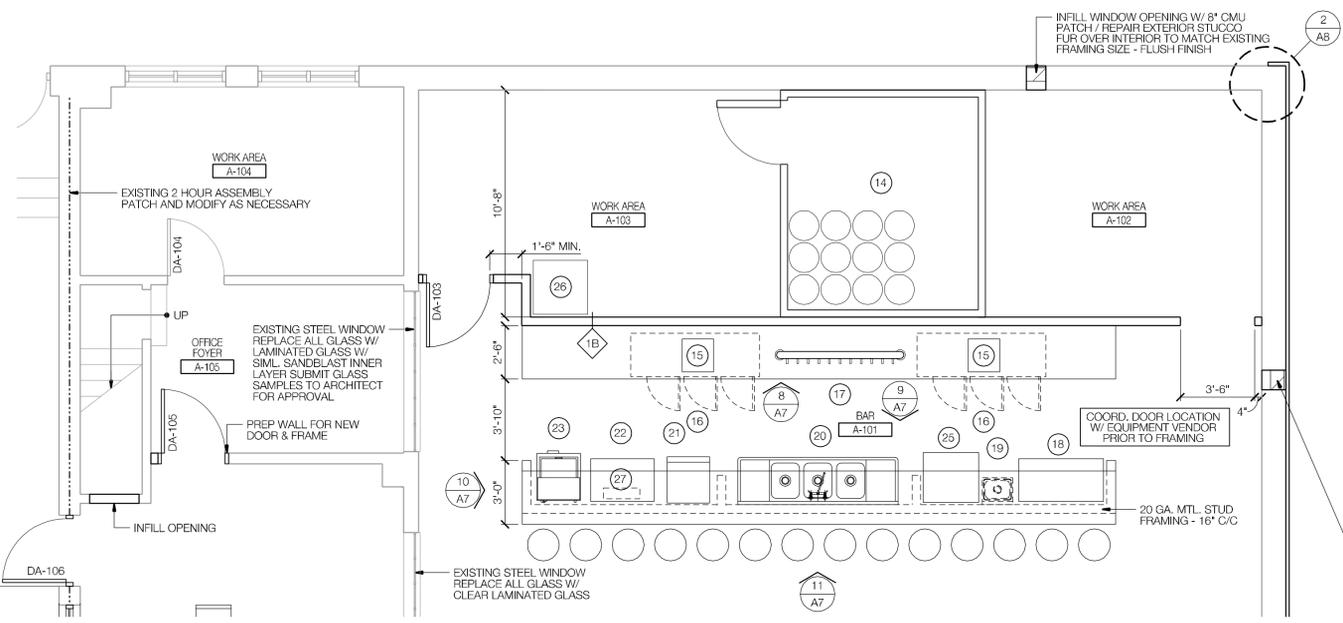
5 ELEVATIONS
1/4"=1'-0"



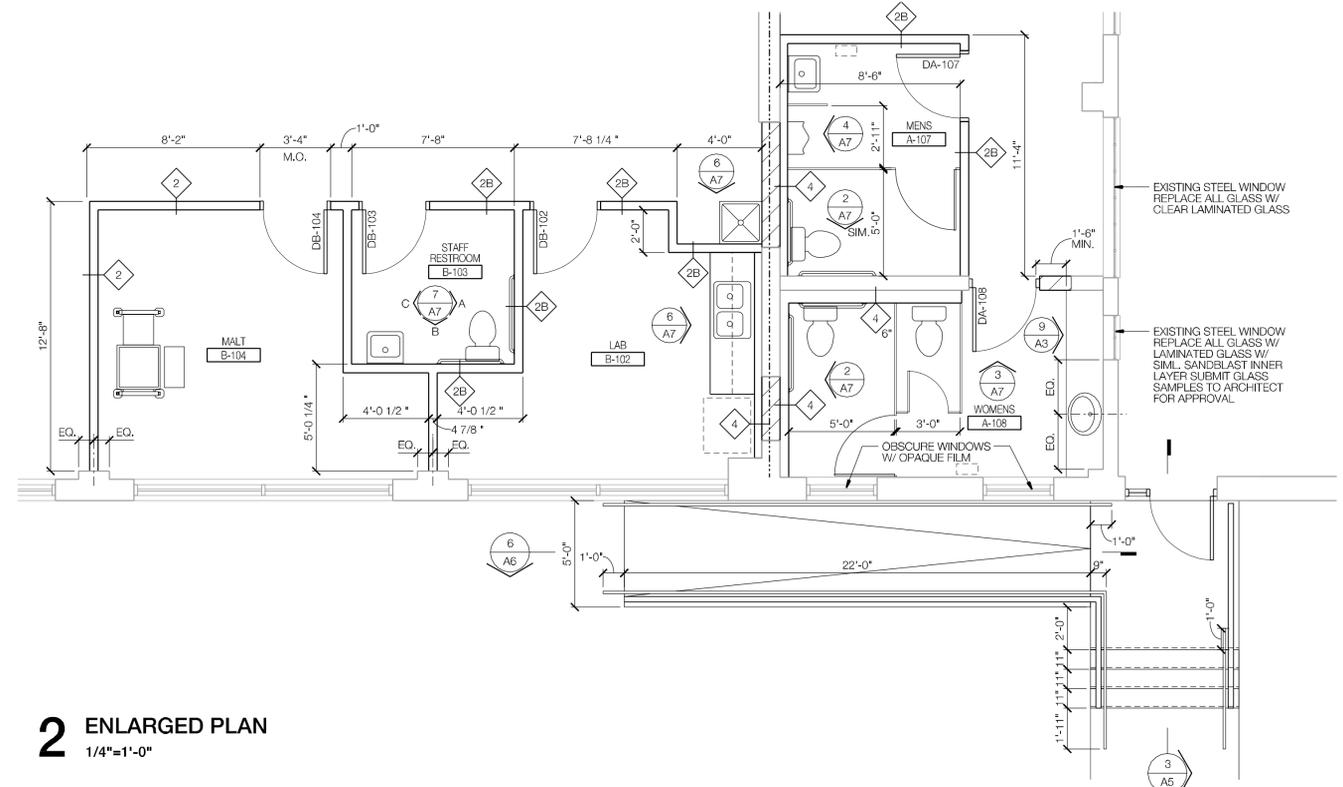
6 DETAIL
1/2"=1'-0"



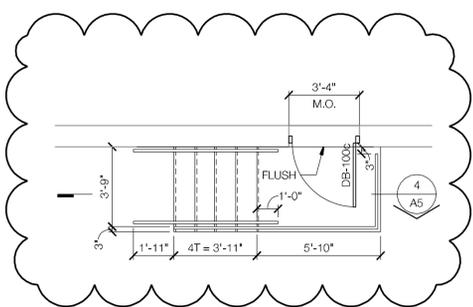
8 DETAIL
1/2"=1'-0"



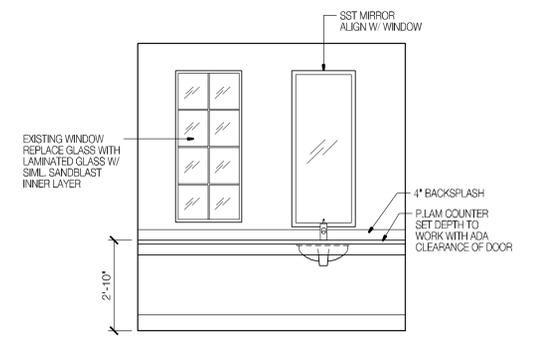
1 ENLARGED PLAN
1/4"=1'-0"



2 ENLARGED PLAN
1/4"=1'-0"



3 ENLARGED PLAN
1/4"=1'-0"



9 INTERIOR ELEVATION
3/8"=1'-0"



MARK OURS, LICENSE #13775
EXPIRATION DATE: 12/31/15
ADDENDUM #2 05.09.2014
ADDENDUM #1 05.01.2014
PERMIT SET 03.18.2014
PRICING SET 03.04.2014

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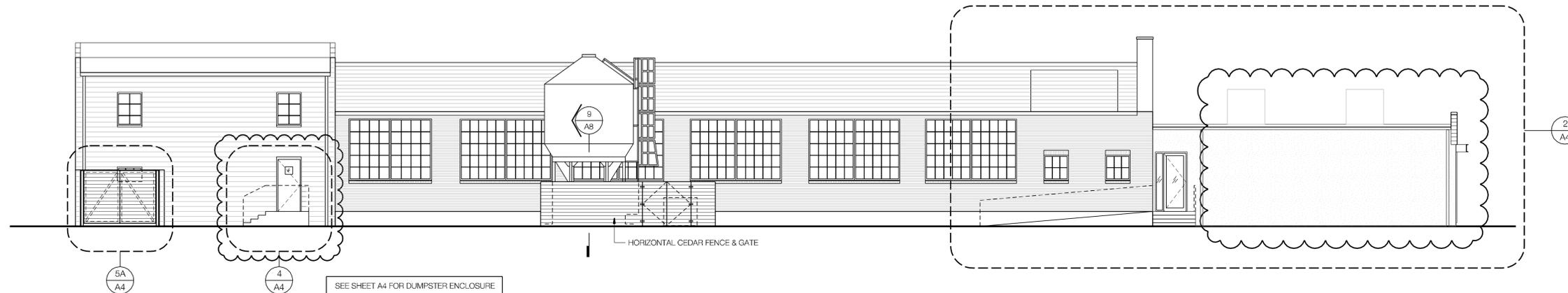
ENLARGED FLOOR PLANS

PROJECT # 2013-50
DATE 12.16.2013
SCALE 1/4"=1'-0"

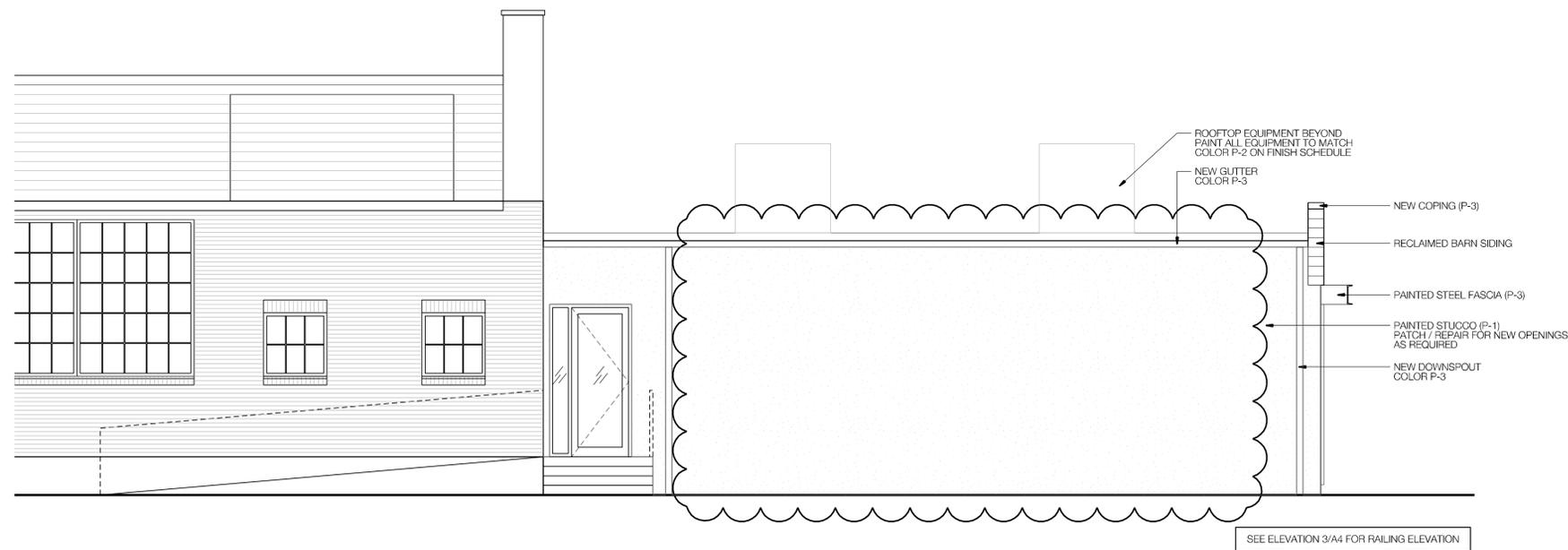


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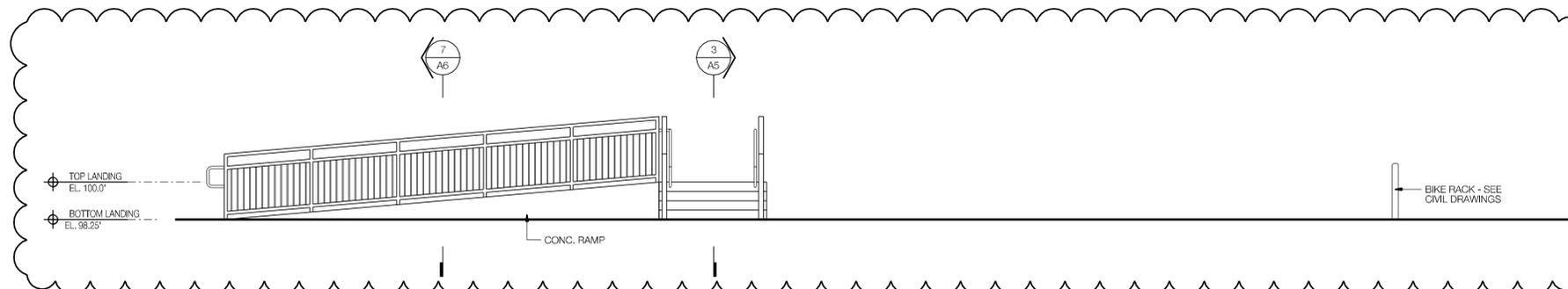
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COLUMBUS OHIO 43221



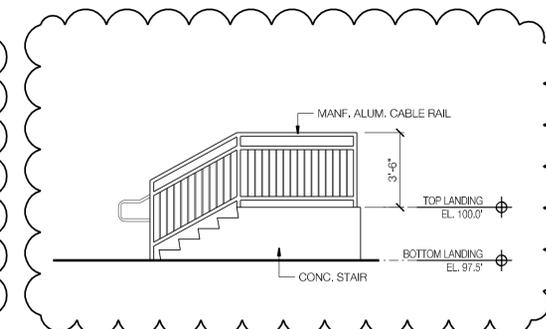
1 OVERALL WEST ELEVATION
1/8"=1'-0"



2 PARTIAL WEST ELEVATION
1/4"=1'-0"



3 PARTIAL WEST ELEVATION - RAILINGS
1/4"=1'-0"



4 PARTIAL WEST ELEVATION
1/4"=1'-0"



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BUILDING ELEVATIONS

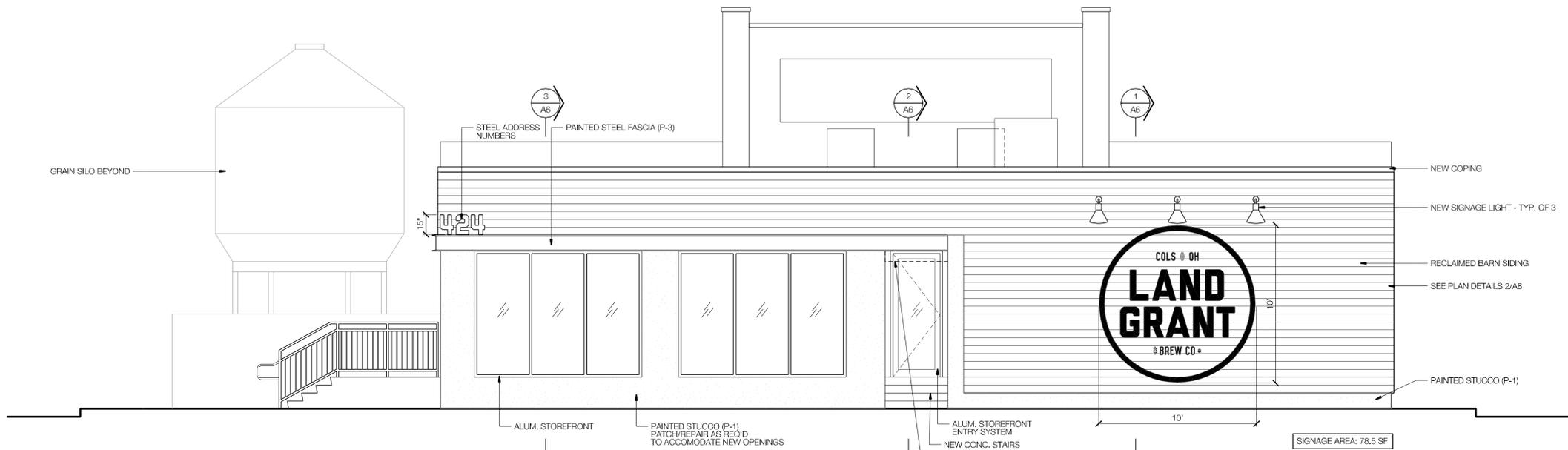
PROJECT #	2013-50
DATE	12.16.2013
SCALE	AS NOTED

A4

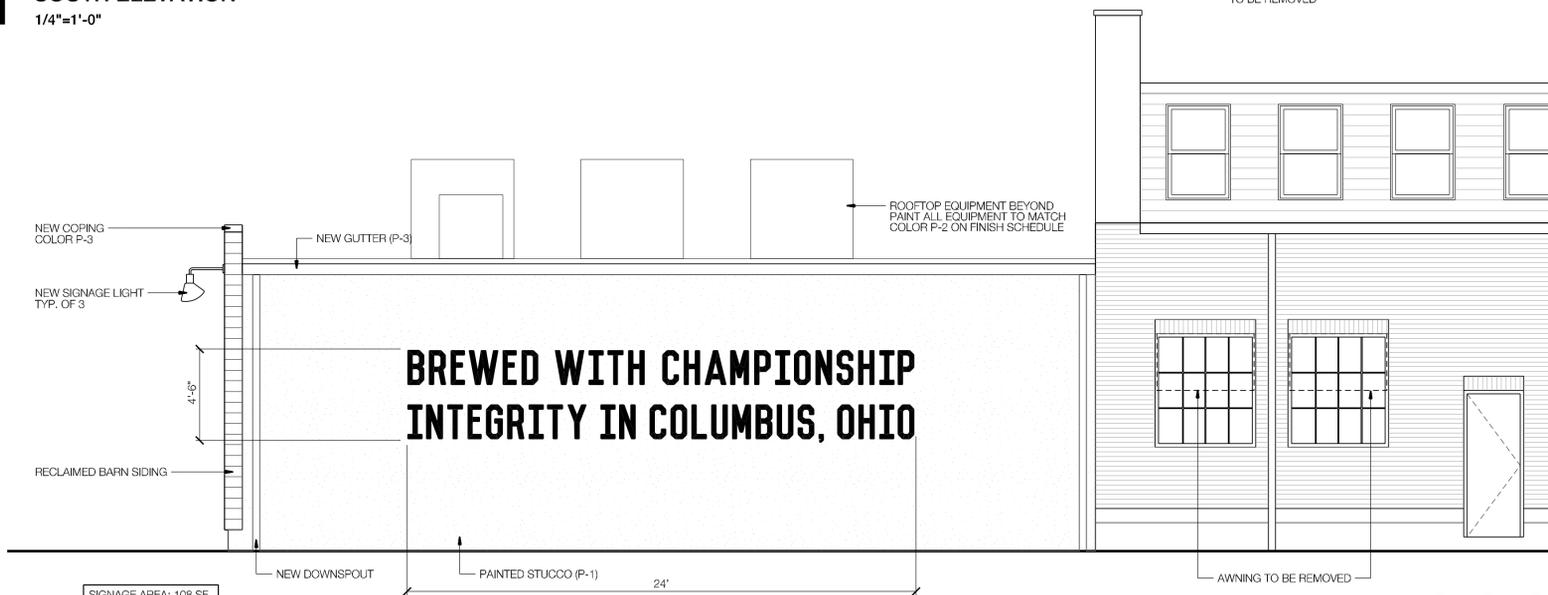


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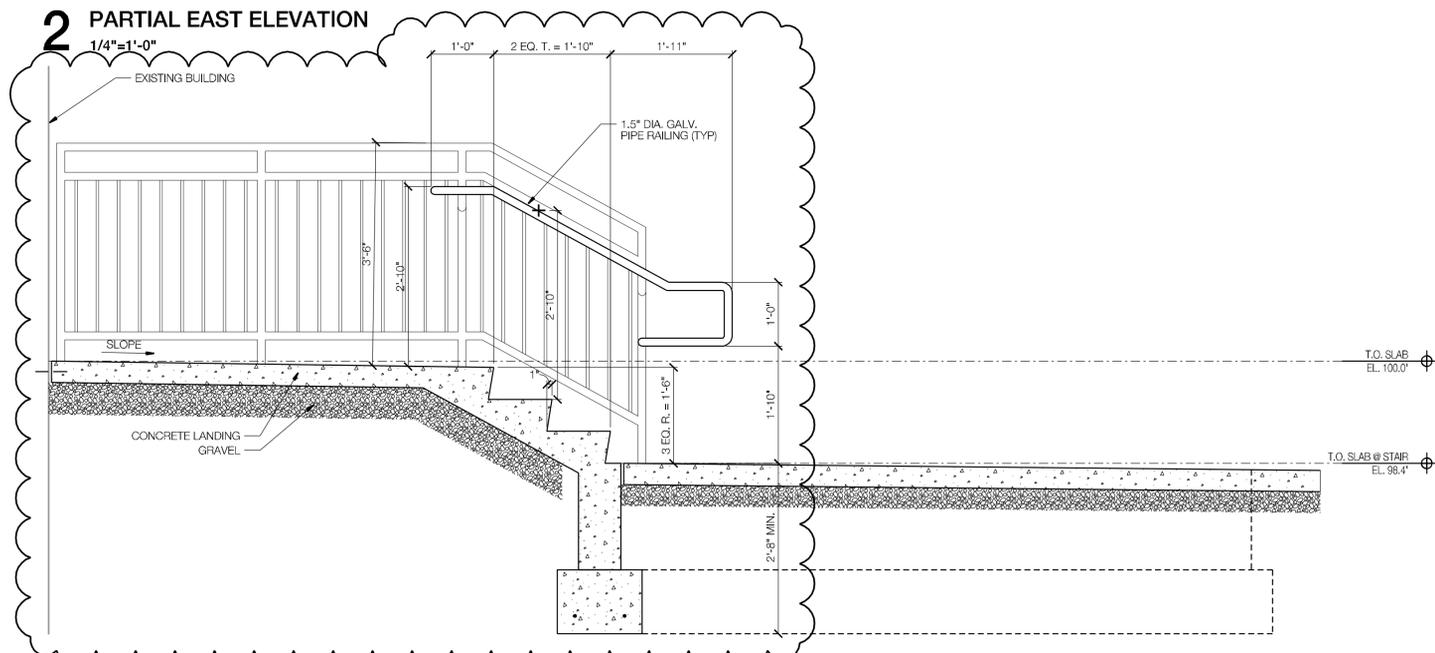
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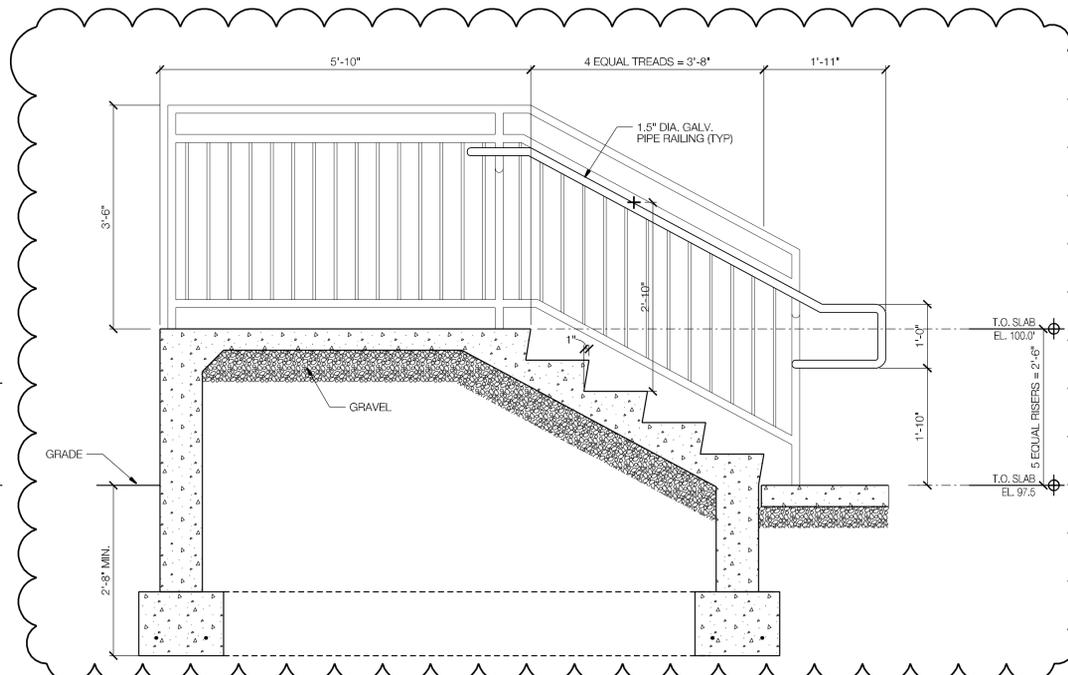
1 SOUTH ELEVATION
1/4"=1'-0"



2 PARTIAL EAST ELEVATION
1/4"=1'-0"



3 SECTION
3/4"=1'-0"



4 SECTION
3/4"=1'-0"



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BUILDING ELEVATIONS

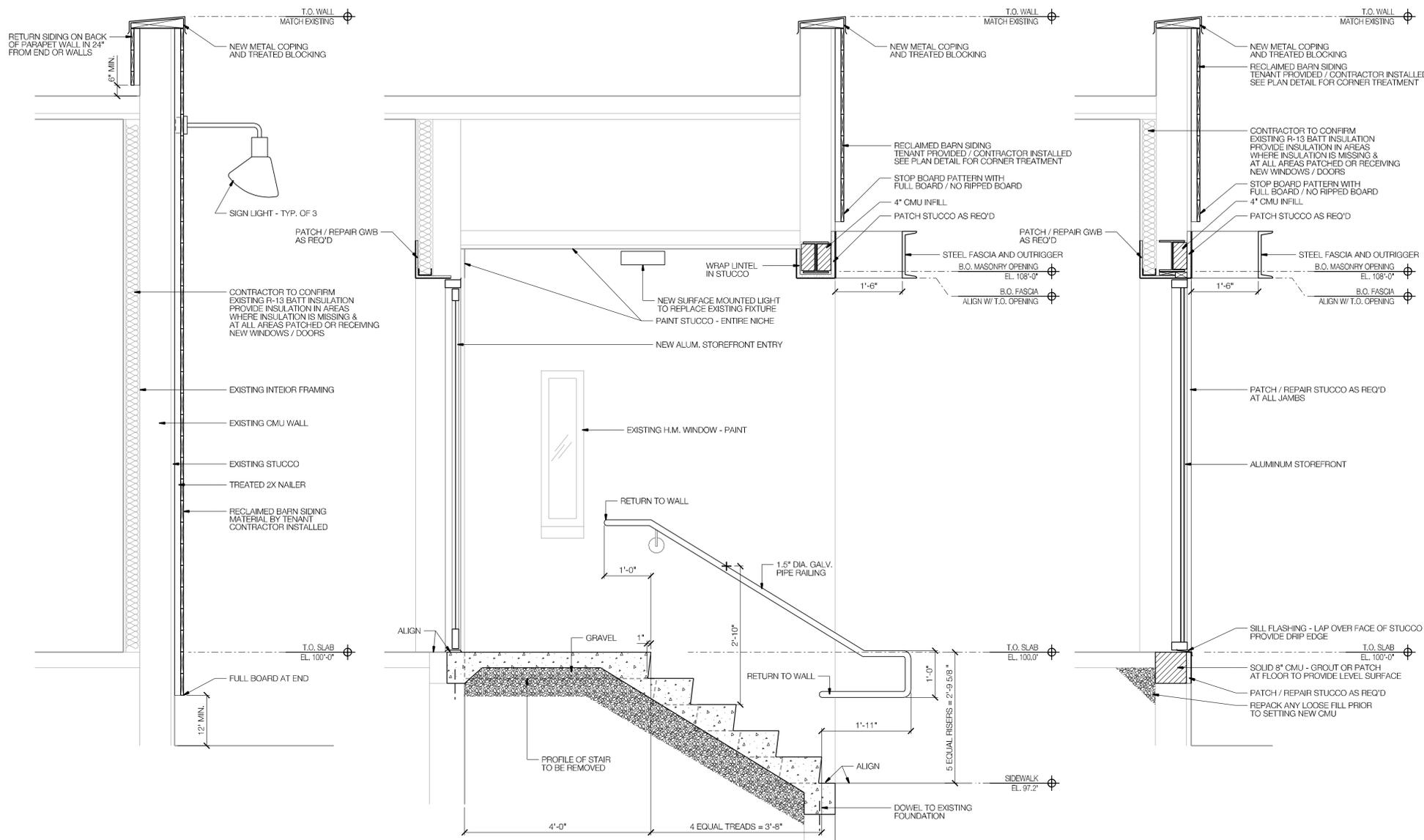
PROJECT # 2013-50
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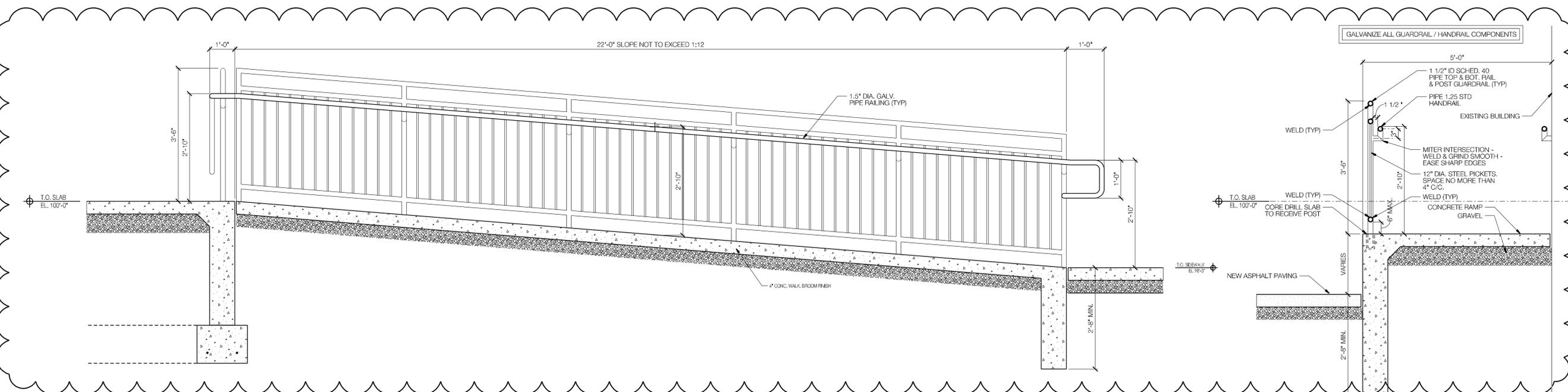


1 SECTION
3/4"=1'-0"

2 SECTION
3/4"=1'-0"

3 SECTION
3/4"=1'-0"

4 NOT USED
3/4"=1'-0"



6 SECTION
3/4"=1'-0"

7 SECTION
3/4"=1'-0"



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SECTIONS

PROJECT # 2013-50
DATE 12.16.2013
SCALE AS NOTED



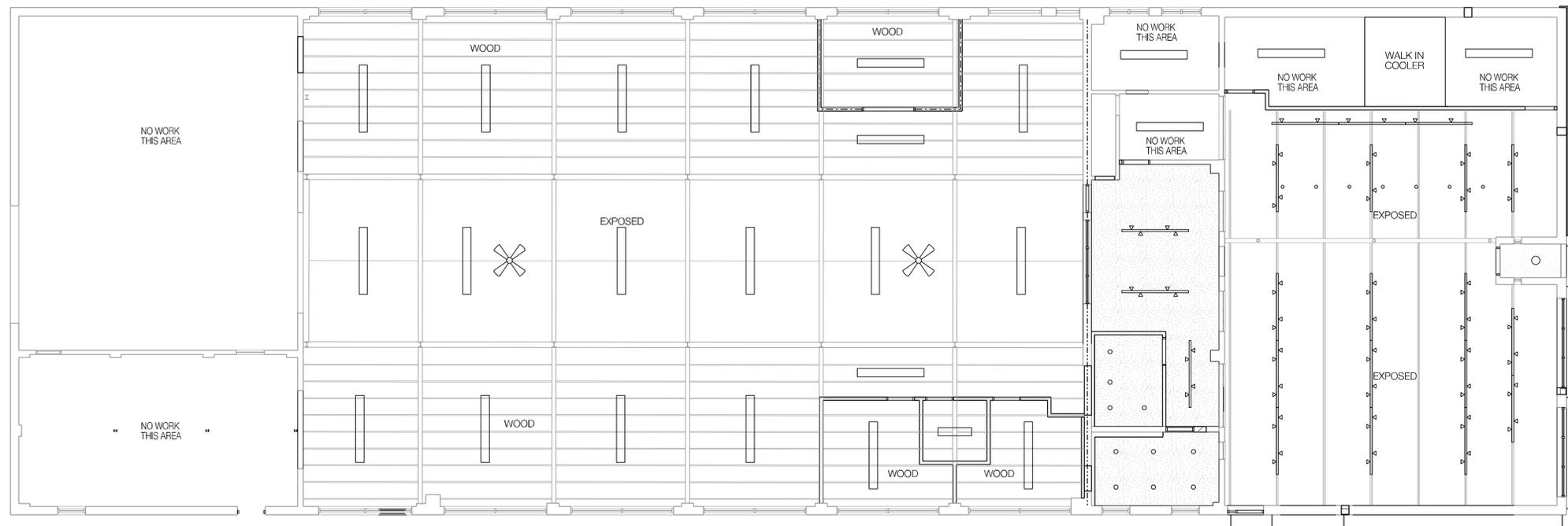
424 WEST TOWN STREET
COLUMBUS OHIO 43215
PARCEL ID: 010-049744

PROPERTY OWNER:

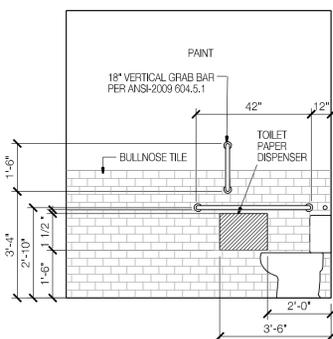
HARPER ENTERPRISES INC.
2176 OAKMOUNT ROAD
COLUMBUS OHIO 43221

RCP DEMO NOTES

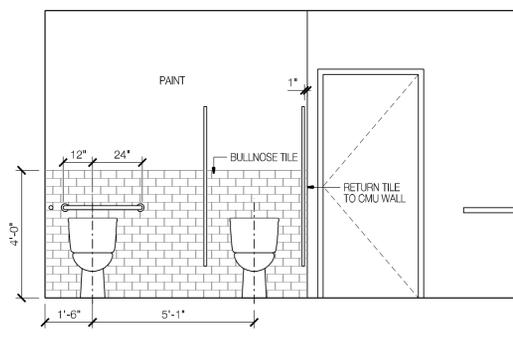
- GENERAL NOTES
- COORDINATE ALL DEMOLITION W/ ARCHITECT PRIOR TO COMMENCING WORK.
 - REMOVE ALL MATERIALS DASHED ON DEMO DRAWINGS.
 - PATCH OR REPAIR ALL ADJACENT SURFACES TO REMAIN THAT ARE DISTURBED BY DEMOLITION WORK.
 - SALVAGE ALL CEILING FIXTURES AND DEVICES THAT ARE IN GOOD WORKING ORDER AND CONDITION FOR RE-USE.



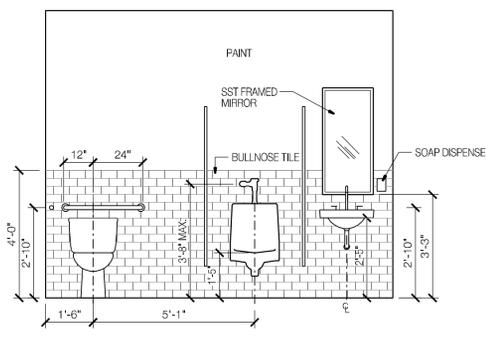
1 GROUND FLOOR REFLECTED CEILING PLAN
1/8"=1'-0"



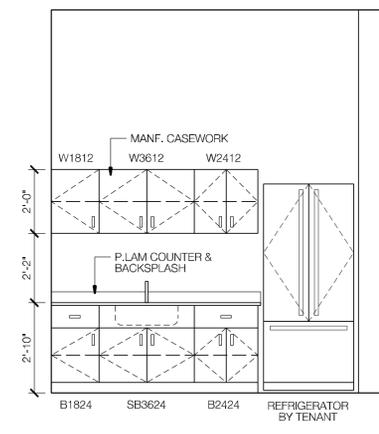
2 INTERIOR ELEVATION
3/8"=1'-0"



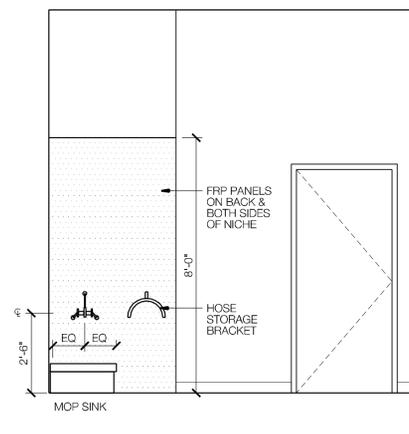
3 INTERIOR ELEVATION
3/8"=1'-0"



4 INTERIOR ELEVATION
3/8"=1'-0"



5 INTERIOR ELEVATION
3/8"=1'-0"

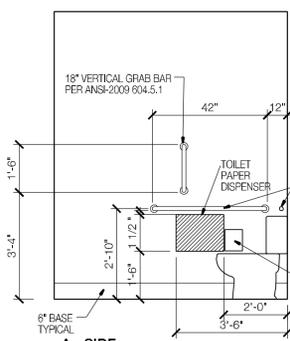
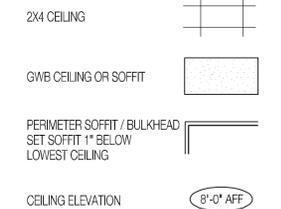


6 INTERIOR ELEVATION
3/8"=1'-0"

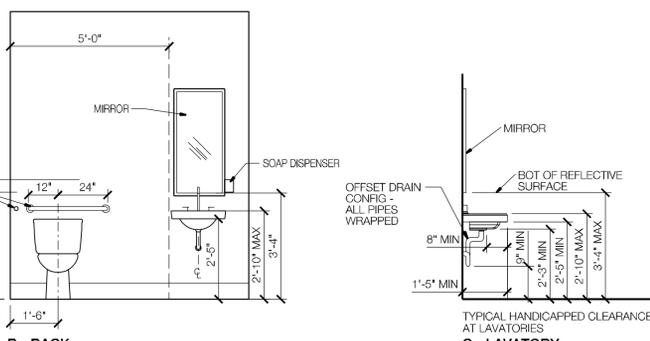
CEILING NOTES

- ALL CEILINGS ARE ATTACHED TO B.O. STRUCTURE U.N.O.
- ALIGN ALL RELATE HEADERS WITH T.O. DOOR FRAME 7'-0" AFF TO B.O. OPENING
- SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL CEILING DEVICES AND LIGHTS.
- CENTER CEILING GRID IN ROOM USING CONFIGURATION SHOWN.
- BALANCE SOFFIT LOCATIONS TO ACCOMMODATE CEILING PATTERNS SHOWN.

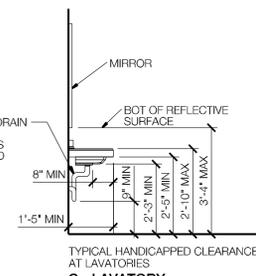
LEGEND



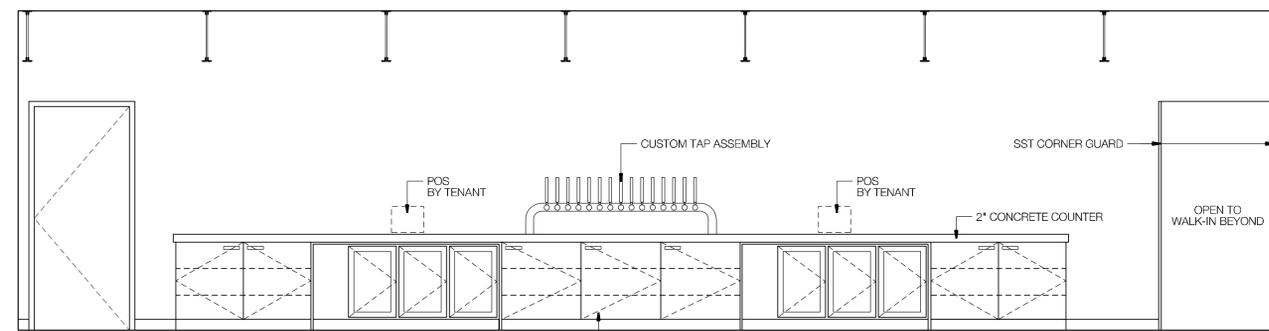
7 INTERIOR ELEVATION
3/8"=1'-0"



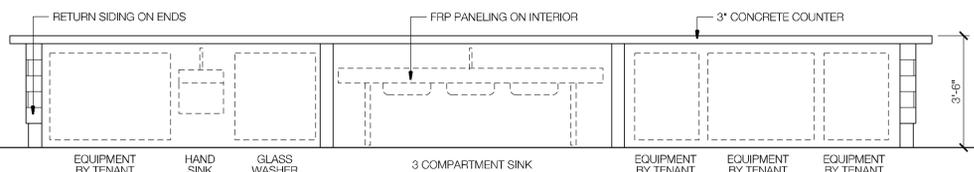
7B - BACK



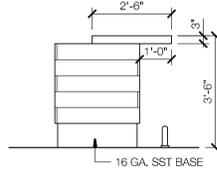
C - LAVATORY



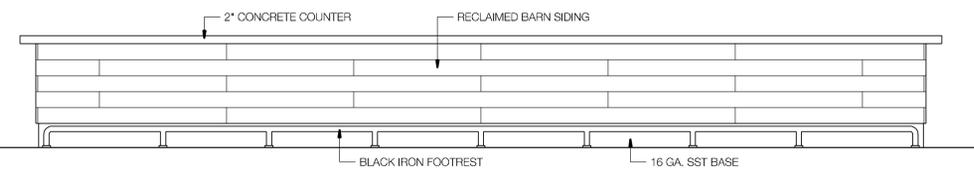
8 INTERIOR ELEVATION
3/8"=1'-0"



9 INTERIOR ELEVATION
3/8"=1'-0"



10 INTERIOR ELEVATION
3/8"=1'-0"



11 INTERIOR ELEVATION
3/8"=1'-0"



MARK OURS, LICENSE #13775
EXPIRATION DATE: 12/31/15

ADDENDUM #2	05.09.2014
ADDENDUM #1	05.01.2014
PERMIT SET	03.18.2014
PRICING SET	03.04.2014

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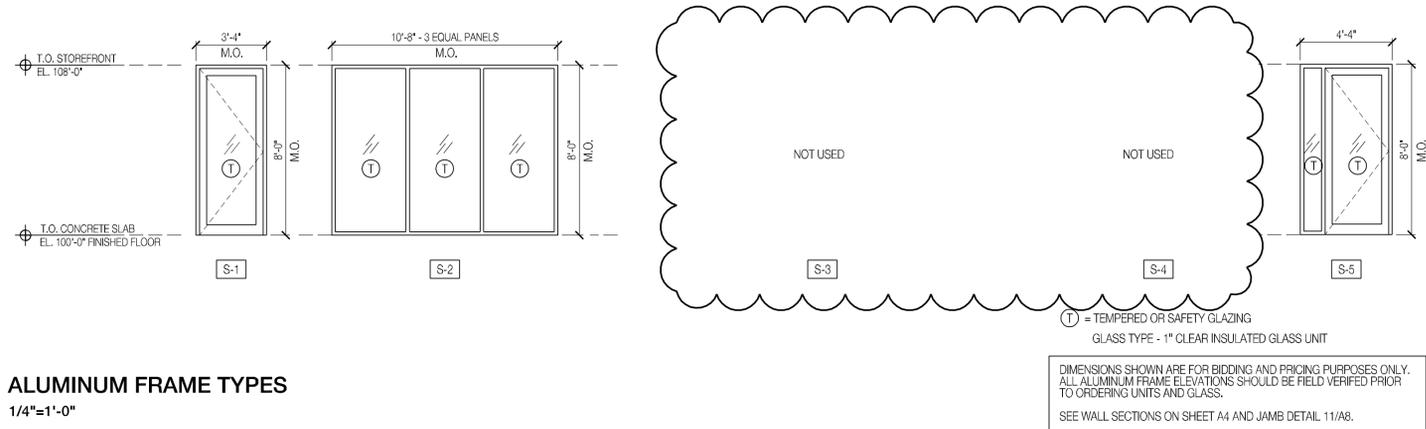
REFLECTED CEILING PLAN / ELEVATIONS

PROJECT # 2013-50
DATE 12.16.2013
SCALE 1/8"=1'-0"

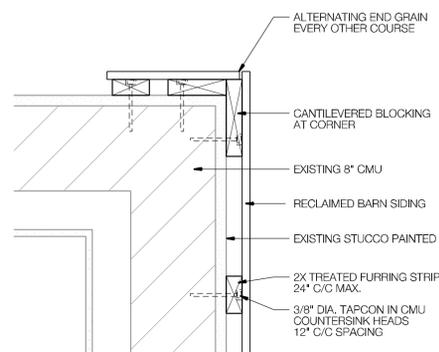


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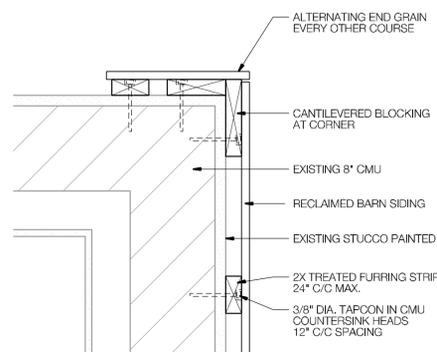
PROPERTY OWNER:
HARPER ENTERPRISES INC.
2176 OAKMOUNT ROAD
COLUMBUS OHIO 43221



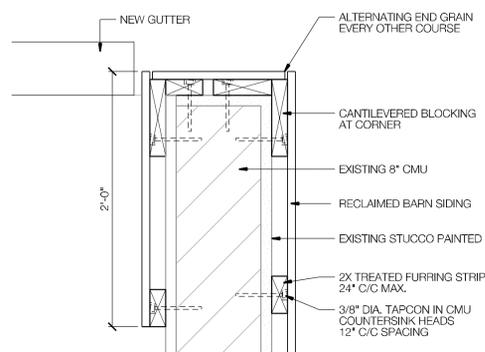
1 ALUMINUM FRAME TYPES
1/4"=1'-0"



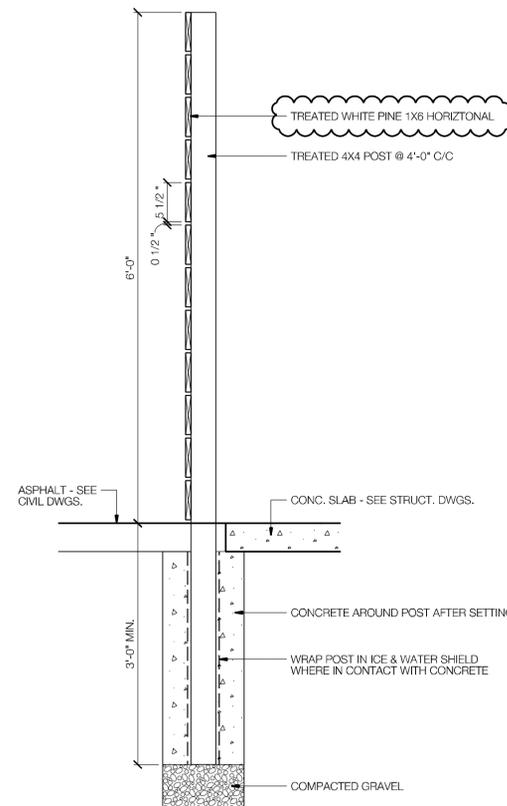
A - CORNER ALTERNATING '1'



B - CORNER ALTERNATING '2'

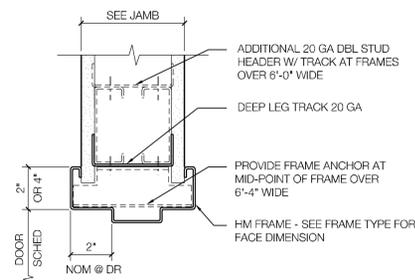


C - CORNER ABOVE PARAPET

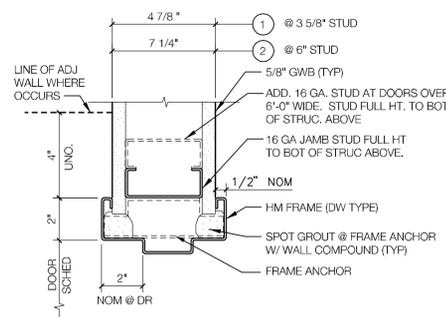


9 DETAIL
1"=1'-0"

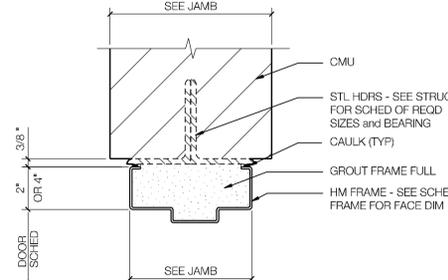
2 DETAIL
1 1/2"=1'-0"



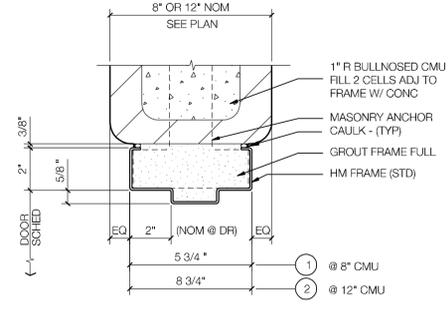
3 DETAIL
3"=1'-0"



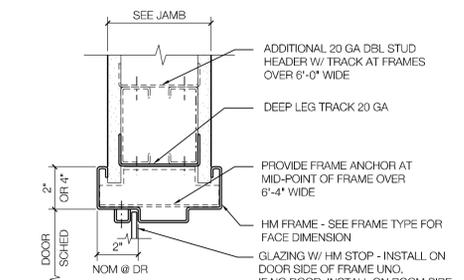
4 DETAIL
3"=1'-0"



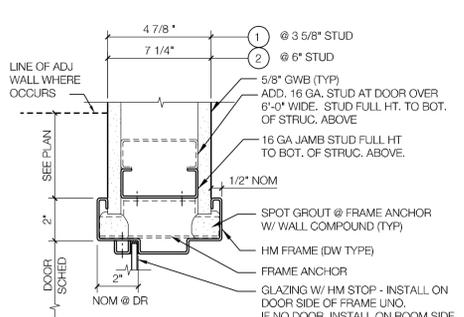
5 DETAIL
3"=1'-0"



6 DETAIL
3"=1'-0"

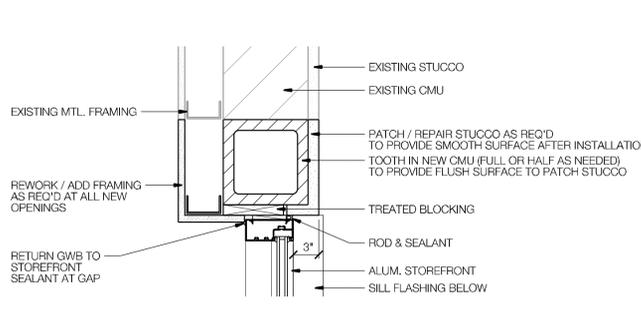


7 DETAIL
3"=1'-0"



8 DETAIL
3"=1'-0"

10 NOT USED
3"=1'-0"



11 DETAIL
3"=1'-0"



MARK OURS, LICENSE #13775
EXPIRATION DATE: 12/31/15
ADDENDUM #2 05.09.2014
ADDENDUM #1 05.01.2014
PERMIT SET 03.18.2014
PRICING SET 03.04.2014

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DETAILS

PROJECT # 2013-50
DATE 12.16.2013
SCALE AS NOTED

FINISH SCHEDULE												
ROOM NO.	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CASEWORK CAB.	CASEWORK TOP	CLG.	REMARKS	REV
A-100	DINING	CONCRETE	RB-1	P-5	P-5	P-5	P-5	-	-	EXPOSED	-	-
A-101	BAR	CONCRETE	RB-1	P-5	P-5	P-5	P-5	WOOD	CONC	EXPOSED	-	-
A-102	WORK AREA	CONCRETE	RB-1	P-5	P-5	P-5	P-5	-	-	EXPOSED	-	-
A-103	WORK AREA	CONCRETE	RB-1	P-5	P-5	P-5	P-5	-	-	EXPOSED	-	-
A-104	WORK AREA	CONCRETE	RB-1	P-5	P-5	P-5	P-5	-	-	EXISTING	-	-
A-105	OFFICE FOYER	CONCRETE	RB-1	P-5	P-5	P-5	P-5	-	-	EXISTING	-	-
A-106	TASTING	CONCRETE	RB-1	P-5	P-5	P-5	P-5	-	-	GWB	-	-
A-107	MENS	CONCRETE	-	P-6/TILE	P-6	P-6/TILE	P-6/TILE	-	-	GWB	48" HIGH WAINSCOT	AD.1
A-108	WOMENS	CONCRETE	-	P-6/TILE	P-6/TILE	P-6	P-6	-	PL-1	GWB	48" HIGH WAINSCOT	AD.1
A-109	NOT USED	-	-	-	-	-	-	-	-	-	-	-
B-100	BREWHOUSE	TOPPING	RB-1	P-7	P-7	P-7	P-7	-	-	WOOD	-	-
B-101	BOILER/ELECTRICAL	CONCRETE	RB-1	-	P-7	-	-	-	-	WOOD	-	-
B-102	LAB	TOPPING	RB-1	P-5	P-5	P-5	P-7	MEL	PL-1	WOOD	-	-
B-103	STAFF RESTROOM	TOPPING	RB-2	P-5	P-5	P-5	P-5	-	-	WOOD	-	-
B-104	MALT	CONCRETE	RB-1	-	-	-	-	-	-	WOOD	-	-
B-105	GOLD ROOM	CONCRETE	RB-1	-	-	-	-	-	-	EXPOSED	-	-
B-106	LOADING	-	RB-1	-	-	-	-	-	-	EXPOSED	-	-
B-107	STAGING	CONCRETE	RB-1	-	-	-	-	-	-	EXPOSED	-	-
B-200	OPEN OFFICE	CPT	RB-1	-	-	-	-	-	-	-	-	-
B-201	HALL	CPT	RB-1	-	-	-	-	-	-	-	-	-
B-202	RESTROOM	CPT	RB-1	-	-	-	-	-	-	-	-	-
B-203	CLOSET	CPT	RB-1	-	-	-	-	-	-	-	-	-

TYPE	ABBR.	MATERIAL	MANUFACTURER	PATTERN / STYLE / COLOR	DESCRIPTION
FLOORING	CONCRETE	CONCRETE	-	EXPOSED / SEALED CONCRETE	CLEAN / GRIND ALL EXISTING SLABS SEAL NEW SLABS
	TOPPING	TOPPING	INT'L COATINGS	4" CONCRETE TOPPING SLAB	ICG-GUARD 51 EPOXY COATING WHERE INDICATED
	VCT	VINYL TILE	MANNINGTON	TBD	-
	CPT	CARPET	-	\$25 / YARD ALLOWANCE	FOR MATERIAL AND INSTALLATION
BASE	RB-1	4" COVE BASE	JOHNSONITE	TBD	-
	RB-2	6" COVE BASE	JOHNSONITE	TBD	-
	SST	8" STAINLESS STEEL	-	16 GA. SST SHEET METAL	-
EXTERIOR PAINT	P-1	PAINT	SHERWIN WILLIAMS	PEPPERCORN SW7674	FLAT
	P-2	PAINT	SHERWIN WILLIAMS	PEPPERCORN SW7674	SEMI-GLOSS
	P-3	PAINT	SHERWIN WILLIAMS	CAVIAR SW6990	FLAT
	P-4	PAINT	SHERWIN WILLIAMS	TBD / MATCH BRICK	SEMI-GLOSS
WALLS	P-5	PAINT	SHERWIN WILLIAMS	TBD	LATEX - EGGSHELL
	P-6	PAINT	SHERWIN WILLIAMS	TBD	LATEX - EGGSHELL
	P-7	PAINT	SHERWIN WILLIAMS	TBD	LATEX - EGGSHELL
	TILE	SUBWAY TILE	DALTILE	RITTENHOUSE SQUARE / K101 WHITE	GROUT COLOR BY ARCHITECT / 1/8" JOINTS
HOLLOW METAL	HM-1	PAINT	SHERWIN WILLIAMS	CAVIAR SW6990	SEMI-GLOSS / EXTERIOR DOORS
	HM-2	PAINT	SHERWIN WILLIAMS	TBD	SEMI-GLOSS / INTERIOR DOORS
CABINETS	WOOD	WOOD	-	BIRCH PLYWOOD - STAIN TBD	-
	MEL	MELAMINE	-	WHITE	-
COUNTERS	CONC	CONCRETE	-	3" THICK TOP	COUNTERS
	PL-1	PLASTIC LAMINATE	FORMICA	TBD	COUNTERS
CEILING	ACT	2x4 ACOUSTIC TILE	ARMSTRONG	VINYL FACED TILE / SQUARE LAY-IN	15/16" GRID - WHITE
	GWB	GYPSPUM BOARD	SHERWIN WILLIAMS	CEILING WHITE	FLAT
	WOOD	DRYFALL	SHERWIN WILLIAMS	TBD	FLAT
	EXPOSED	EXPOSED STEEL	-	NO WORK / EXISTING	FLAT

GENERAL NOTES:

- SEE INTERIOR ELEVATIONS FOR WALL PATTERNS AND MATERIAL EXTENTS.
- SEE FLOOR PLAN FOR FLOOR PATTERNS AND MATERIAL EXTENTS.
- ADVISE ARCHITECT OF ANY DISCREPANCY BETWEEN THE DRAWINGS AND FINISH SCHEDULE.
- SEE ELEVATIONS FOR ALL SPECIFICATIONS AND MATERIALS.
- ALL PAINTED WALL FINISHES TO BE EGGSHELL U.N.O.

SPECIFICATIONS

GENERAL CONDITIONS
 AIA DOCUMENT A01 - GENERAL CONDITIONS (2007 EDITION) IS INCLUDED IN THE CONTRACT DOCUMENTS BY WAY OF THIS REFERENCE

REGULATORY AUTHORITY
 THE CONTRACTOR SHALL PERFORM THE WORK TO THE OWNERS REQUIREMENTS INCLUDING ALL CODES AND REGULATORY REQUIREMENTS OF THE CITY OF COLUMBUS. ALL WORK, MATERIALS AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ORDINANCE, STATE AND LOCAL CODES.

PERMITS / INSPECTIONS
 THE OWNER HAS APPLIED FOR AND PAID FOR A BUILDING PERMIT APPLICATION TO THE CITY OF COLUMBUS. IT IS THE CONTRACTORS COMPLETING THE WORK'S RESPONSIBILITY TO INCLUDE ALL PERMITS AND INSPECTIONS INCLUDING SPECIAL INSPECTIONS REQUIRED TO COMPLETE THE PROJECT ABOVE AND BEYOND THIS INITIAL APPLICATION.

CONTRACT DOCUMENTS
 DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE BINDING AS IF REQUIRED BY ALL. THE CONTRACTOR SHALL BE HELD TO PROVIDE ALL LABOR AND MATERIALS NECESSARY FOR THE ENTIRE COMPLETION OF THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS AND REASONABLY IMPLIED THERE FROM TO PRODUCE THE INTENDED RESULTS.

IN THE EVENT OF INCONSISTENCIES IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE THE QUALITY OR GREATER QUANTITY OF WORK AND SHALL COMPLY WITH THE MORE STRICT MEANINGS.

IF THE CONTRACTOR FINDS ANY PERCEIVED CONFLICT, ERROR, OMISSION OR DISCREPANCY IN THE CONTRACT DOCUMENTS, THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK SHALL CONTACT THE ARCHITECT FOR CLARIFICATION OR INTERPRETATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECTIONS REQUIRED IF WORK PROCEEDS WITHOUT THE ARCHITECT'S RESPONSE.

ALLOWANCES
 CERTAIN ITEMS IN THE CONTRACT DOCUMENTS ARE SPECIFIED AS ALLOWANCES. ALLOWANCES HAVE BEEN ESTABLISHED IN LIEU OF ADDITIONAL REQUIREMENTS AND TO DEFER SELECTION OF THE ACTUAL MATERIALS AND EQUIPMENT TO A LATER DATE WHEN DIRECTION WILL BE PROVIDED TO THE CONTRACTOR.

SUBMITTALS:
 - SUBMIT PROPOSALS FOR PURCHASE FOR PRODUCTS OR SYSTEMS USED IN ALLOWANCES.
 - SUBMIT INVOICES TO SHOW ACTUAL QUANTITIES OF MATERIAL DELIVERED TO THE SITE FOR USE IN FULFILLMENT OF THE ALLOWANCE.
 - COORDINATE AND PROCESS SUBMITTALS FOR ALLOWANCE IN THE SAME MANNER AS OTHER PORTIONS OF THE WORK

THE CONTRACTORS COST FOR TAXES, FREIGHT, DELIVERY TO THE PROJECT SITE, RECEIVING AND HANDLING, LABOR, INSTALLATION, OVERHEAD AND PROFIT, AND SIMILAR COSTS RELATED TO PRODUCTS AND MATERIAL ORDER UNDER ALLOWANCES SHALL BE INCLUDED AS PART OF THE CONTRACT BASE BID AND NOT PART OF THE ALLOWANCE.

SUBSTITUTIONS
 SUBSTITUTIONS, FOR CAUSE OR CONVENIENCE, SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING WITH A STATEMENT INDICATING WHY THE PROPOSED PRODUCT IS PREFERRED OR OFFERS COST SAVINGS TO THE OWNER.

PRODUCT DATA AND MATERIAL SAMPLES, WHEN APPLICABLE, SHOULD ALSO BE INCLUDED IN THE CONTRACTORS SUBMITTAL.

CONTRACT MODIFICATION

WHEN CHANGES ARE REQUIRED TO THE WORK THE ARCHITECT WILL ISSUE A BULLETIN PROPOSING CHANGES TO THE WORK. THE CONTRACTOR SHALL PREPARE PROPOSALS FOR THE WORK FOR THE OWNER'S REVIEW AND APPROVAL. NO WORK SHOULD PROCEED UNTIL THE COST HAS BEEN NEGOTIATED AND APPROVED.

UPON OWNER APPROVAL A CHANGE ORDER SHALL BE PREPARED USING AIA DOCUMENT G701. SIGNATURE BY BOTH THE ARCHITECT AND THE OWNER ARE REQUIRED.

PAYMENT
 CONTRACTOR SHALL SUBMITTAL AIA DOCUMENT G702 APPLICATION AND CERTIFICATION OF PAYMENT.
 PAYMENT INTERVALS SHALL BE AT LEAST ONE MONTH APART. ALL PAYMENT REQUESTS SHALL BE LESS RETAINAGE (10%). LIEN WAIVERS FOR WORK PREVIOUSLY COMPLETED SHALL ACCOMPANY ALL APPLICATIONS FOR PAYMENT. CONTRACTOR SHALL PROVIDE PROOF OF INSURANCE FOR ANY ITEMS WHICH PAYMENT IS REQUESTED BUT ARE STORED OFF SITE.

SUBMITTALS
 PROVIDE SUBMITTALS FOR EACH PRODUCT SPECIFIED IN THE CONTRACT DOCUMENTS.
 PROVIDE SUBMITTALS IN PDF FORMAT OR HARD COPY.
 (2) COPIES OF ALL HARD COPIES SHOULD BE PROVIDED MIN.
 SUBMITTALS SHALL INCLUDE -
 - SHOP DRAWINGS
 - PRODUCT DATA
 - SAMPLES
 - WARRANTIES

CLOSEOUT PROCEDURES
 PREREQUISITES FOR SUBSTANTIAL COMPLETION
 - PAY REQUEST FOR 100% OF THE CONTRACT AMOUNT
 - FINAL CLEANING
 - RECORD DRAWINGS, OPERATION AND MAINTENANCE MANUALS
 - CHANGE OVER LOCKS (IF APPLICABLE)
 - SUBMIT ALL WARRANTIES IN WRITING

PREREQUISITES FOR FINAL ACCEPTANCE
 - LIEN WAIVER RELEASE
 - FINAL PAY REQUEST
 - INSPECTION REPORT
 - INSURANCE (ADVISE OWNER OF CHANGE OVER DATES)
 - CERTIFICATE OF OCCUPANCY
 - SUBMIT FINAL PHOTOGRAPHS AND RECORD DRAWINGS

INSPECTION REPORT
 AFTER RECEIPT OF WRITTEN NOTICE THAT THE WORK IS COMPLETE THE ARCHITECT WILL VERIFY ITS CONDITION AND ISSUE A CERTIFICATE OF SUBSTANTIAL COMPLETION WITH AN INSPECTION LIST OF ALL UNCOMPLETED OR UNACCEPTABLE ITEMS. PENDING COMPLETION PRIOR TO FINAL COMPLETION IS GRANTED.

SECTION 05 73 00 - ORNAMENTAL HANDRAILS AND RAILINGS

PART 1 GENERAL

1.1 QUALITY ASSURANCE
 A. DESIGN ENGINEERING: REGISTERED ENGINEER.
 B. HANDRAIL AND RAILING STRUCTURAL PERFORMANCE: IN ACCORDANCE WITH BUILDING CODE AS APPLICABLE.

1.2 WARRANTY
 A. STAINLESS STEEL CABLES AND CONNECTORS: 10 YEARS; MATERIAL AND WORKMANSHIP DEFECTS.

PART 2 PRODUCTS

2.1 MATERIALS
 A. ORNAMENTAL HANDRAIL AND RAILINGS:
 1. BASIS OF DESIGN, CABLE RAILING SYSTEMS: FEENEY INC. "CABLERAIL®" OR COMPARABLE PRODUCT BY AGS STAINLESS, INC., CABLE RAIL, HAYN ENTERPRISES, LLC, JAKOB ROPE SYSTEMS, JOHNSON ARCHITECTURAL HARDWARE, DIV. OF C. SHERMAN JOHNSON CO., INC., SECO SOUTH RAILING & CABLE ASSEMBLIES, OR ULTRA-TEC CABLE RAILINGS.
 2. APPLICATION: POST-SUPPORTED PIPE RAILING SYSTEM WITH CABLE RAILING INRILL AND WALL-MOUNTED PIPE HANDRAILS.
 3. FERROUS STEEL - STRUCTURAL PIPE: HOT-DIP GALVANIZED; ASTM A 193 - 2-COAT FLUOROPOLYMER OR BAKED POWDER COATING, CONTRACTOR'S OPTION.
 4. STAINLESS STEEL: CABLE: ASTM A 492, TYPE 316; 3/16 INCH DIAMETER, 1X19 CONSTRUCTION; ASTI NO. 4, BRUSH-DIRECTIONAL POLISH.
 5. STAINLESS STEEL FITTINGS: ASTM A 492, TYPE 316; VIBRATORY/MECHANICAL FINISH.
 6. AUXILIARY MATERIALS:
 A. PROTECTOR SLEEVES: RUBBER GROMMETS, BEVELED WASHERS, AND OTHER NECESSARY FITTINGS;
 B. MANUFACTURER'S STANDARD
 B. NONSHINK NONMETALLIC GROUT: ASTM C 1107.
 C. WELDING ELECTRODES AND FILLER METAL: AWS SPECIFICATIONS.
 D. FASTENERS, ANCHORS, AND INSERTS: NON-CORROSIVE.
 E. EXTERIOR/INTERIOR ANCHORING CEMENT: EROSION-RESISTANT HIGH-STRENGTH PORTLAND CEMENT.
 F. BITUMINOUS PAINT: ASPHALT MASTIC, SSPC - PAINT 12.
 G. LOCKING COMPOUND: TAMPER-RESISTANT, NON-PERMANENT-LOCKING MATERIAL THAT PERMITS RE-ADJUSTMENT WITHOUT DAMAGE.

3. EXECUTION
 3.1 INSTALLATION
 A. TAKE FIELD MEASUREMENTS PRIOR TO FABRICATION, WHERE POSSIBLE. FORM TO REQUIRED SHAPES AND SIZES WITH TRUE, STRAIGHT EDGES, LINES AND ANGLES. PROVIDE LIGHT-TIGHT, HAIRLINE JOINTS.
 B. SEPARATE DISSIMILAR MATERIALS WITH BUSHINGS, GASKETS, GROMMETS, WASHERS, OR COATINGS TO PREVENT ELECTROLYTIC CORROSION.
 C. AFTER FINAL CABLE TENSION ADJUSTMENT, APPLY LOCKING COMPOUND TO FITTINGS.

SECTION 07 84 00 - FIRESTOPPING

PART 1 GENERAL
 1.1 SUBMITTALS
 A. SUBMIT PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR EACH MATERIAL TO BE USED.
 B. SUBMIT TEST REPORTS.

1.2 QUALITY ASSURANCE
 A. EACH PRODUCT IS RESPONSIBLE FOR THEIR PENETRATIONS AT FIRE RATED ASSEMBLIES; PROVIDE CUT SHEETS.
 B. FIRE PERFORMANCE: UL 2079, ASTM E 814, AND LOCAL REGULATIONS.

PART 2 PRODUCTS

2.1 MATERIALS
 A. FIRESTOPPING SYSTEMS:
 1. APPLICATIONS AS APPLICABLE TO ASSEMBLY: THROUGH-PENETRATIONS, FIRE-RESISTIVE JOINTS, PERIMETER FIRE CONTAINMENT, SMOKE SEALS.
 2. TYPES AS APPLICABLE TO ASSEMBLY: ENDOTHERMIC AND INTUMESCENT SEALANTS, PILLOWS, PUTTY AND WRAP STRIPS.

PART 3 EXECUTION

3.1 INSTALLATION
 A. REVIEW EXTENT OF WORK WITH AUTHORITIES HAVING JURISDICTION AND OBTAIN APPROVAL OF INSTALLATION THICKNESSES AND METHODS.

SECTION 08 41 13 - ENTRANCES AND STOREFRONTS

PART 1 GENERAL

1.1 SUBMITTALS
 A. WARRANTY: MANUFACTURER'S STANDARD 5 YEAR WARRANTY INCLUDING LABOR AND MATERIALS TO REPAIR OR REPLACE DEFECTIVE MATERIALS.

PART 2 PRODUCTS

2.1 MATERIALS
 A. ALUMINUM ENTRANCES AND STOREFRONT, NON-FIRE-RATED:
 1. MANUFACTURERS: KAWNEER, OLDCASTLE, FITCO, TUBELITE, WAUSAU, OR YKK AP.
 2. ALUMINUM MEMBERS: ASTM B 209, ASTM B 221, ASTM B 429.
 3. STEEL REINFORCEMENT: ASTM A 36, ASTM A 1008, AND ASTM A 1011.
 4. DOOR STYLE: NARROW STYLE AND RAIL DOORS.
 5. GLASS AND GLAZING: COMPLY WITH SECTION 08 80 00 - GLAZING.
 6. DOOR HANGING DEVICES: BALL BEARING BUTTS.
 7. CLOSERS: CONCEALED MOUNTED.
 B. ALUMINUM FINISH: COLOR ANODIZED; BLACK.
 9. AUXILIARY MATERIALS:
 A. ALUMINUM INFILL PANELS.
 B. BUTTS AND PIVOTS.
 C. PUSH/PULLS, DOORSTOPS, OVERHEAD HOLDERS, AND DEADLOCKS.
 D. EXIT DEVICES.

PART 3 EXECUTION

3.1 INSTALLATION
 A. ISOLATE DISSIMILAR MATERIALS TO PREVENT CORROSION.

SECTION 08 80 00 - GLAZING

PART 1 GENERAL

1.1 SUBMITTALS
 A. SAMPLES: TWO OF EACH GLASS TYPE.
 B. MANUFACTURER'S WARRANTY: INCLUDE LABOR AND MATERIALS TO REPAIR/REPLACE DEFECTIVE MATERIAL FOR THE FOLLOWING PERIODS:
 1. LAMINATED GLASS: 5-YEAR.
 2. COATED GLASS: 10-YEAR.
 3. INSULATING GLASS: 10-YEAR.

1.2 QUALITY ASSURANCE

A. SAFETY GLAZING PRODUCTS: COMPLY WITH TESTING REQUIREMENTS IN 16 CFR 1201 AND, FOR WIRE GLASS, ANSI Z97.1.

PART 2 PRODUCTS

2.1 MATERIALS
 A. GLASS AND GLAZING:
 1. PRIMARY MANUFACTURER: AGC GLASS COMPANY NORTH AMERICA; GUARDIAN INDUSTRIES CORP.; PILKINGTON - NSG GROUP; PPG INDUSTRIES, INC.; GLASS GROUP.
 2. FABRICATORS: VIRAQON OR THE PRIMARY MANUFACTURER.
 3. TYPE: HIGH-PERFORMANCE INSULATING GLASS UNITS WITH LOW-E COATING, TEMPERED WHERE REQUIRED BY CODE.
 4. BASIS OF DESIGN, PRODUCT: VIRAQON VE1-2M CLEAR LOW-E WITH EXTREMEEDGE SPACER.
 5. PERFORMANCE (CENTERPANE VALUES USING WINDOWS 5.2): AS FOLLOWS OR BETTER:
 A. MAKE-UP: 1/4" (6MM) VE1-2M #2 + 1/2" (13.2MM) AIRSPACE + 1/4" (6MM) CLEAR.
 B. TRANSMITTANCE: VISIBLE LIGHT 70%; SOLAR ENERGY 32%; ULTRA-VIOLET (300 TO 380 NM) 10%.
 C. REFLECTANCE: VISIBLE LIGHT-EXTERIOR 11%; VISIBLE LIGHT-INTERIOR 12%; SOLAR ENERGY 31%.
 D. U-VALUE (BTU/HR X SQ FT °F): NRR CONDITIONS:
 WINTER 0.29; SUMMER 0.26.
 E. EUROPEAN U-VALUE: 1.5.
 F. SHADING COEFFICIENT: 0.44.
 G. SHGC: 0.38.
 H. LSG: 1.84.
 I. RELATIVE HEAT GAIN: 91 BTU/HR X SOFT.
 6. AUXILIARY MATERIALS:
 A. COMPRESSION GASKETS.
 B. ELASTOMERIC GLAZING SEALANTS.
 C. PREFORMED GLAZING TAPE.
 D. GLAZING GASKETS.
 E. SETTING BLOCKS, SPACERS, AND COMPRESSIBLE FILLER RODS.

PART 3 EXECUTION

3.1 INSTALLATION
 A. COMPLY WITH GANA "GLAZING MANUAL" AND MANUFACTURERS RECOMMENDATIONS. USE MANUFACTURER'S RECOMMENDED SPACERS, BLOCKS, PRIMERS, SEALERS, GASKETS AND ACCESSORIES.
 B. FIRE PERFORMANCE: COMPLY WITH UNIFORMITY OF PATTERN, DRAW, BOW AND ROLLER MARKS.

SECTION 09 21 13 - PORTLAND CEMENT PLASTERING

PART 1 GENERAL

1.1 NOT USED

PART 2 PRODUCTS

2.1 MATERIALS
 A. PORTLAND CEMENT PLASTER:
 1. MANUFACTURERS: ACCEPTABLE MANUFACTURERS INCLUDE ACRUSTONE PRODUCTS, CALIFORNIA STUCCO, DURABOND, JETKRETE, STO, AND STUC-O-FLEX INTERNATIONAL.
 2. TYPE: 3 COATS OVER SUBSTRATE.
 3. CEMENT: PORTLAND CEMENT, ASTM C 150, TYPE I OR II.
 4. FINISH COAT: FACTORY-MIXED OR JOB-MIXED; CONTRACTOR'S OPTION.
 5. FINISH: TROWELED, FLOATED, OR OTHER AS NECESSARY TO MATCH EXISTING FINISH.
 B. LATH AND PLASTER SUPPORT SYSTEMS:
 1. MANUFACTURERS: ACCEPTABLE MANUFACTURERS INCLUDE ARLO, CEMCO, CLARK-DIETRICH, NILES, PLASTIC COMPONENTS, AND STUC-O-FLEX INTERNATIONAL.
 2. METAL SUPPORTS FOR PLASTERED AND FURRED CEILINGS FOR PORTLAND CEMENT PLASTER: ASTM C 1063.
 3. STEEL STUDS AND RUNNERS, NON-LOAD (AXIAL) BEARING: ASTM C 845.
 4. TYPICAL THICKNESS: 20 GAUGE (0.029 INCH).
 5. PERFORMANCE (CENTERPANE VALUES USING WINDOWS 5.2): AS FOLLOWS OR BETTER:
 A. MAKE-UP: 1/4" (6MM) VE1-2M #2 + 1/2" (13.2MM) AIRSPACE + 1/4" (6MM) CLEAR.
 B. TRANSMITTANCE: VISIBLE LIGHT 70%; SOLAR ENERGY 32%; ULTRA-VIOLET (300 TO 380 NM) 10%.
 C. REFLECTANCE: VISIBLE LIGHT-EXTERIOR 11%; VISIBLE LIGHT-INTERIOR 12%; SOLAR ENERGY 31%.
 D. U-VALUE (BTU/HR X SQ FT °F): NRR CONDITIONS:
 WINTER 0.29; SUMMER 0.26.
 E. EUROPEAN U-VALUE: 1.5.
 F. SHADING COEFFICIENT: 0.44.
 G. SHGC: 0.38.
 H. LSG: 1.84.
 I. RELATIVE HEAT GAIN: 91 BTU/HR X SOFT.
 6. AUXILIARY MATERIALS:
 A. COMPRESSION GASKETS.
 B. ELASTOMERIC GLAZING SEALANTS.
 C. PREFORMED GLAZING TAPE.
 D. GLAZING GASKETS.
 E. SETTING BLOCKS, SPACERS, AND COMPRESSIBLE FILLER RODS.

3.1 EXECUTION

3.1 INSTALLATION
 A. COMPLY WITH ASTM C 754, ASTM C 842, ASTM C 84, ASTM C 844, ASTM C 926 AND MANUFACTURER'S RECOMMENDATIONS.
 B. AT PLASTER PATCHING, PREPARE SURFACE TO SOUND.
 C. APPLY AND APPLY BONDING AGENT AND PATCH MATERIALS.
 C. INSTALL METAL TRIMS AT PERIMETERS AND JOINTS. AT SCRATCH COAT FORM FULL KEYS. ENSURE TIGHT CONTACT BETWEEN COATS. TOOL EDGES AT OPENINGS TO SMALL VEE TO CONTROL SPALLING.

SECTION 09 21 16 - GYPSUM BOARD ASSEMBLIES

PART 1 GENERAL

1.1 QUALITY ASSURANCE
 A. TOLERANCES: NOT MORE THAN 1/16-INCH DIFFERENCE IN TRUE PLANE AT JOINTS BETWEEN ADJACENT BOARDS BEFORE FINISHING. AFTER FINISHING, JOINTS SHALL BE NOT BE VISIBLE. NOT MORE THAN 1/8 INCH IN 10 FEET DEVIATION FROM TRUE PLANE. PLUMB, LEVEL AND PROPER RELATION TO ADJACENT SURFACES IN FINISHED WORK.

PART 2 PRODUCTS

2.1 MATERIALS
 A. GYPSUM BOARD:
 1. ACCEPTABLE MANUFACTURERS INCLUDE GEORGIA PACIFIC, NATIONAL GYPSUM, TEMPLE INLAND, AND USG.
 2. APPLICATION: INTERIOR WALLS, PARTITIONS, AND CEILINGS WITH TAPE AND JOINT COMPOUND FINISH.
 3. MATERIAL STANDARD: ASTM C1396.
 4. TYPE: 5/8" THICKNESS TYPE "X".
 5. JOINT TREATMENT: ASTM C840 AND ASTM C840, 3-COAT SYSTEM, PAPER OR FIBERGLASS TAPE.
 6. AUXILIARY MATERIALS:
 A. CORNER BEAD, EDGE TRIM AND CONTROL JOINTS.
 B. GYPSUM BOARD SCREWS, ASTM C 1002.
 C. CONCEALED ACOUSTICAL SEALANT.
 D. MINERAL FIBER SOUND ATTENUATION BLANKETS.

PART 3 EXECUTION

3.1 INSTALLATION
 A. INSTALL GYPSUM BOARD FOR TAPE AND 3-COAT JOINT COMPOUND FINISH IN COMPLIANCE WITH ASTM C 840 AND GA 216, LEVEL 4 FINISH. INSTALL GYPSUM BOARD ASSEMBLIES TRUE PLUMB, LEVEL AND IN PROPER RELATION TO ADJACENT SURFACES.
 B. INSTALL BOARDS VERTICALLY TO BUTT JOINTS; ALL JOINTS OVER FRAMING MEMBERS.
 C. PROVIDE 1/4"-5/8" BETWEEN GYPSUM BOARD AND ROUGH FLOOR:
 1. TYPICAL: NO CALK OR FILLER UNLESS REQUIRED BY AHJ AT FIRE RATED ASSEMBLY.
 2. WHERE SOUND CONTROL REQUIRED: FILL IF REQUIRED BY BOARD MANUFACTURER FOR PROPER INSTALLATION.
 D. METAL BEADS: SCREW TO FRAMING (NO CHIMP FASTENING), WHERE NEW PARTITIONS MEET EXISTING CONSTRUCTION, REMOVE EXISTING BEADS TO PROVIDE A SMOOTH TRANSITION.
 E. PROVIDE INSULATION FULL HEIGHT AND THICKNESS WHERE INDICATED.
 F. WHERE SOUND CONTROL INDICATED, PROVIDE ACOUSTICAL SEALANT AT BOTH FLOOR AND TOP AND BOTTOM JOINTS, WALL PERIMETERS, OPENINGS, AND CONTROL JOINTS.

SECTION 09 22 16 - NON-STRUCTURAL METAL FRAMING

PART 1 GENERAL

1.1 QUALITY ASSURANCE
 A. TOLERANCES: NOT MORE THAN 1/8 INCH IN 10 FEET DEVIATION FROM TRUE PLANE, PLUMB, LEVEL, AND PROPER RELATION TO ADJACENT SURFACES IN FINISHED WORK.

PART 2 PRODUCTS

2.1 MATERIALS
 A. STEEL FRAMING FOR WALLS AND PARTITIONS:
 1. ACCEPTABLE MANUFACTURERS INCLUDE CLARK/DIETRICH AND MARINO WARE.
 2. MATERIAL