

MATERIAL TYPES

02720 AGGREGATE BASE COURSE

- A. GRAVEL BASE: 1" minus or 1/2" minus, crushed rock. Compact to 95%, in 6" maximum lifts.

03300 CONCRETE

- A. CONCRETE REINFORCEMENT (REBAR): Per ASTM A615 Grade 60, lap splices 40 diameters.
 B. CONCRETE: 3000 psi at 28 days. Slump (max.) 3" +/- 1". Portland Cement ASTM C-150 6 sacks per cubic yard. Aggregates per ASTM C-33 3/4" max. sized aggregate. Water per ASTM C-94 5-7% Air-Entrained. Concrete temperature between 50F-90F.
 1. The concrete supplier is to assume full responsibility for the mix design (proportions) and the performance of the concrete.
 2. Quality assurance:
 a. Allowable tolerance of substrate: Within 0.10 foot.
 b. Departure of edges, control joints and score joints: Not to exceed 1/4" in any run of 10' or more, and not more than 1/8" in any 3'.
 c. Weather during concreting: Per ACI 306, Recommended Practice for Cold Weather Concreting, and ACI 305, Recommended Practice for Hot Weather Concreting.
 d. Do not at any time permit rain water or water used in curing to wash down over surfaces of exposed concrete.
 e. No Calcium Chloride allowed.
 C. ANCHORS & INSERTS:
 1. Bolts: Per ASTM A-307, Grade A.
 2. Expansion anchors: HILTI, Rawl-Stud, Red Head Trubolt or approved.

05500 METAL FABRICATIONS

- A. All structural steel plates, shapes and beams to be ASTM A-36 (Fy = 36,000 psi).
 B. All anchor bolts to be ASTM A-307 minimum.
 C. All structural steel bolts to be ASTM A-307.
 D. All steel tube columns to be ASTM A-500 Grade B (Fy = 46,000 psi).
 E. All welding to be done by AWS certified welders and shall conform to A.W.S., A.I.S.C., U.B.C., and other applicable codes.
 F. All wedge anchors to be HILTI Kwik Bolt - II (HK3-II) or equivalent.
 G. Fabrication and erection shall conform to the specifications set forth in the Steel Construction Manual of the AISC and the Standard Code for ARC and Gas Welding in Building Construction.

06100 ROUGH CARPENTRY

- A. FRAMING LUMBER: WPA visually graded Douglas Fir - Larch. All pieces properly grade stamped. All framing lumber for walls and roof kiln dried.
 1. Studs: 2" thick, 2" to 4" wide
 "STUDS" - Light Framing
 2. Posts: 4" thick, 4" wide
 "No. 2" - Structural Light Framing
 4. Beams & Joists: 4" thick, 6" & wider.
 "No. 2" - Structural Joists & Planks (unless otherwise noted).
 5. Wood in Contact with Concrete: Pressure treated wood.
 B. FRAMING NAILS: Common wire nails of size and spacing as shown on drawings or, if not shown, in accordance with UBC Table 25-Q.
 C. WOOD CONNECTORS: Simpson Strong Tie, numbers as noted on drawings.

07210 BUILDING INSULATION

- A. BATT INSULATION: Kraft faced fiberglass building insulation in thicknesses shown. Insulation shall comply with ASTM C665, Type I. Noncombustible per ASTM E136 and thermal performance per ASTM C653 and C516.

08110 METAL DOORS & FRAMES

- A. DOOR: 18 ga., flush.
 B. FRAME: 16 ga., welded corners.

08210 FLUSH WOOD DOORS

- A. DOOR: Solid core, paint grade.

08700 HARDWARE SCHEDULE

Hardware Group	Quan.	Type	Manufacturers #	Finish	
1	3 ea	Hinges	BB1279 4.5 x 4.5	652	
	1 ea	Passage	T101 DANE	626	
	1 ea	Indicator	D871 K	626	
	1 ea	Kickplate	1805 10" x 2" LDW	630	
	1 ea	Wall Stop	236W	630	
3 ea	Silencers	307D	Grey		
	2	3 ea	Hinges	BB1279 4.5 x 4.5 NRP	652
		1 ea	Lockset	T511 DANE	626
1 ea		Wall Stop	236W	630	
3 ea		Silencers	307D	Grey	
3		3 ea	Hinges	BB1191 4.5 x 4.5 NRP	630
	1 ea	Lockset	T511 DANE	626	
	1 ea	Closer	7400BF	689	
	1 ea	Floor Stop	267F	630	
	1 ea	Threshold	412SA	Alum	
	1 ea	Sweep	7505XN	Alum	
1 ea	Weatherstrip	891SAV	Alum		

06250 GYPSUM BOARD

- A. 5/8" Gypsum Board (type X) (GBX)
 B. Steel studs: SSMA designation.
 C. Screws into metal framing: Bulldox 1 1/8" Type S Bugle Head.
 D. Screws into wood framing: Bulldox 1 1/8" (min.) Type W Bugle Head.

06510 ACOUSTICAL CEILINGS

- A. ACOUSTICAL CEILING SUSPENSION SYSTEMS:
 1. Exposed grid: Armstrong Pralude XL Fine Guard, Chicago 1250, USG DXL, or approved.
 2. Standard components:
 a. System requirements: Comply with ASTM C635.
 b. Structural classification: Intermediate-duty, no deflection in excess of 1/360 of the span.
 c. Coatings: Comply with ASTM C635.
 d. Wall moldings: Angle with hemmed edges.
 e. Hanger wire: ASTM A641, 12 gage galvanized steel wire.
 3. Exposed grid framing components:
 a. Main runners: 1-1/2" high, 15/16" exposed flange, 12'-0" long, .015" minimum thickness.
 b. Cross Tees: 1-1/8" minimum height, 15/16" exposed flange, 4'-0" long, .015" minimum thickness.
 c. Coatings: White matte painted finish on exposed runners, tees and wall moldings.
 B. ACOUSTICAL CEILING PANELS: Armstrong 895 with factory applied washable white vinyl latex paint finish, fire rated, fissured lay-in panels.
 1. Panel size and edges: 24" x 48" x 5/8", square edge.
 2. Panel date: NRC 0.55, flame spread 25 or less, NRC 0.55 light reflection 0.80.
 C. INSTALLATION
 1. Grid location as indicated on reflected ceiling plan.
 2. Install in accordance with manufacturer's instructions and recommendations of Article 2, Installation of Components, in ASTM C635.
 3. Comply with UBC Standard 25-2.
 4. Install main runners at 48" o.c. with hanger wire support at not more than 48" o.c.
 5. Wrap hanger wire at least 3 full turns.
 6. Install cross tees at 24" o.c. and adjacent to recessed light fixtures not supported by main runners.
 7. Provide moldings where ceilings meet walls and other vertical elements.
 8. Seismic support: Install diagonal bracing for suspended ceiling system as required to meet lateral loads of the ceiling during seismic activity as required by UBC Standard 25-2.

06850 RESILIENT FLOORING

- A. RUBBER BASE: 4" high cove roll goods with molded outside corners.
 B. SHEET VINYL: Armstrong Classic Corlon "Sandoval/Seagate"
 C. COVE CHAMFER: Burke Mercer "cove stick #70 or mer-stick #72A".
 D. TRANSITION STRIP: Burke Mercer tile reducer.

09600 PAINTING

- A. MANUFACTURERS: All names and numbers listed in paint systems are Rodda Paint products. Acceptable manufacturers of equivalent products are: Ametone, Benjamin Moore, Fuller-C'Brien, Glidden, Martin Senour, Miller, Pittsburgh, Sherwin Williams, or prior approved.
 B. PAINT SYSTEMS:
 PS-1 Existing walls: One (1) coat of Unique II Enamel (acrylic latex). Verify gloss factor. (For wall patches: One coat 7700 Roseal Interior Sealer and two (2) coats acrylic latex paint, as above.)
 PS-2 Gypsum board wall: One (1) coat 7700 Roseal Interior Sealer and two (2) coats Unique II Enamel (acrylic latex). Verify gloss factor.
 PS-3 Wood doors: One (1) coat Quick Dry Sanding Sealer and two (2) coats All Purpose Equipment Enamel (Alkyd).
 PS-4 Hollow metal frames and doors: Two (2) coats All Purpose Equipment Enamel (Alkyd).

09686 FIBERGLASS REINFORCED PLASTIC PANELS (FRP)

- A. WAINSCOT PANEL: Class II(C), fiberglass reinforced plastic panels, .09" nominal panel thickness, and textured finish. Kemlite, Sequentia, Structoglas, or approved.
 B. TRIM MOLDINGS: Corner trim and edge trim, manufacturers' standard extruded vinyl in longest length possible. Trim color to match panel color.
 C. ADHESIVE: Non-flammable FRP adhesive recommended by manufacturer.
 D. SEALANT: As recommended by manufacturer.

10800 TOILET & BATH ACCESSORIES

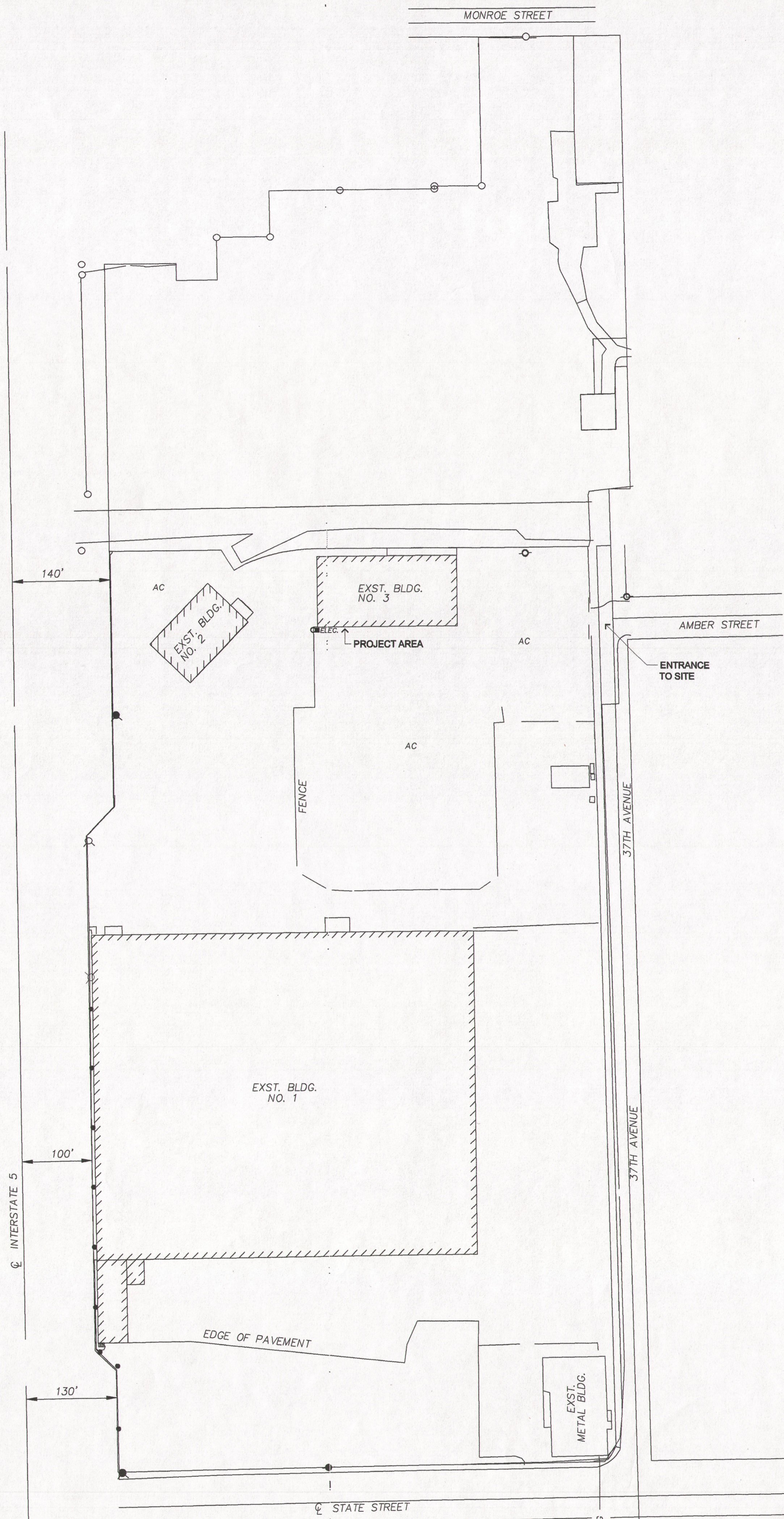
- Bobrick numbers noted. ASI, Bradley, equivalent, also acceptable.
 A. GRAB BAR (GB): B-6206.
 B. TOILET PAPER HOLDER (TPH): B-368.
 C. LIQUID SOAP DISPENSER (LSD): B-40 or vendor supplied.
 D. PAPER TOWEL DISPENSER (PTD): B-262 (c-fold), B-263 (single-fold), B-260 (roll) or vendor supplied.
 E. MIRROR: B-290 1836.
 F. HAT & COAT HOOK: B-682 (mount on door center @ 54" for top).

14420 WHEELCHAIR LIFTS

- A. VERTICAL PLATFORM LIFT: PorchRamp PL-S 02 (with two Gate-04 & Ramp-01) by Access Industries, Inc. or approved (submit substitutions for approval, by Architect, 10 days prior to bid).

15400 PLUMBING FIXTURES

- A. ACCESSIBLE TOILET: Kohler product indicated. American Standard, Briggs or Eljer equivalents also acceptable.
 1. Floor mount toilet: Highcrest Toilet, 1.6 gallon flush, elongated bowl, white.
 2. Open front seat: K-4670-CA, white.
 3. Flush valve: Sloan Royal Flushometer, low consumption 1.6 gpf.
 B. ACCESSIBLE LAVATORY: Kohler product indicated. American Standard, Briggs, or Eljer equivalents also acceptable.
 1. Wall mounted lavatory: Hudson K-2857, white.
 2. Faucet: Chicago 1822A or 802A-317 or approved.
 3. Drain: Strainer type.
 water insulating guards. Molded closed-cell vinyl with nylon fasteners, paintable. Thermal conductivity, K = 1.17 (BTU*in/hr*sq.ft.*deg. F) at 75F mean temperature. Hand-Lav-Guard by Truobro Inc., Pro Wrap by McGuire, Trap Wrap by Broca, Inc., or approved. Provide accessories as required for complete installation. White.
 C. LAUNDRY SINK: Mustee Model No. 17F with faucet No. 93.800.



A3 PLOT PLAN
 1" = 100'-0"

DRAWING INDEX

- A-101 PROJECT NOTES, PLOT PLAN & MATERIAL TYPES
 A-102 FLOOR PLANS, SCHEDULES, INTERIOR ELEVATIONS & DETAILS
 A-103 DETAILS

BUILDING CODE INFORMATION

Existing Use: Storage with second floor offices.
 Remodeled Use: Same as existing.
 Project Scope: Provide toilet rooms to serve first floor. Provide second exit from existing warehouse and exterior lift for building accessibility.
 Existing Building Construction Type: Type V-N, fire sprinklered.
 Existing Building Occupancy Group Classification: S
 Existing Building Stories: Two
 Existing Gross Building Floor Area:
 First Floor: 20,000 sq. ft.
 Second Floor: 1,888 sq. ft.
 Allowable Area:
 Basic Allowable Area (Table 5-B): 8,000 s.f.
 Allowable Area Increase:
 (From Paragraph 505.1.2)
 50%
 = 20%
 20' x 5% = 150
 8000 s.f. x 2.5 = 20,000 s.f.
 (From Paragraph 505.3)
 20,000 s.f. x 3 = 60,000 s.f.

Existing plumbing fixtures:
 First floor: Drinking fountain.
 Second floor: Single occupancy men's toilet room (toilet & lavatory) Single occupancy women's toilet room (toilet & lavatory)

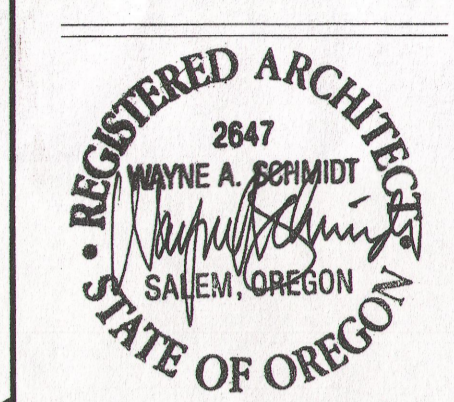
New plumbing fixtures:
 First floor: Single occupancy staff toilet room (handicap accessible toilet & lavatory).
 Single occupancy inmate toilet room (handicap accessible toilet & lavatory).

Minimum plumbing fixture requirement (Table A-29-A):
 First Floor: Storage: 20,000 sq. ft. equals 4 occupants (less than 10 occupants)
 Second Floor: Exist. Office: 1,888 sq. ft. equals 8.44 occupants (less than 10 occupants)

Fire Sprinkler & Electrical design information is not included in this Architectural submittal. Fire Sprinkler, Plumbing & Electrical drawings/specifications are Design-Build. The Fire Sprinkler, Plumbing & Electrical contractors are each responsible for submitting all of their required design information (to meet applicable codes) directly to the City of Salem for review/approval prior to issuance of Building Permit.

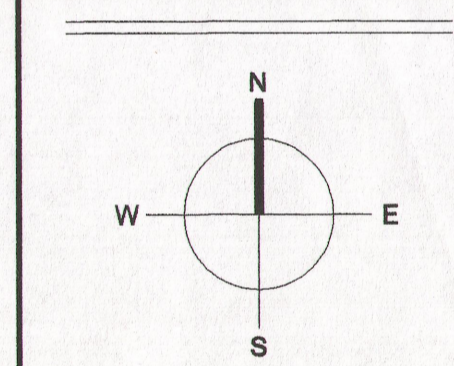


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Project No.: 02-615R
 Issue Date: 10-4-02
 Drawn By: WS
 Checked By: WS

Revisions:



Project:
 Building Modifications
 at CDC, Building No. 3
 3601 State Street
 Salem, Oregon 97310

Owner:
 Oregon State
 Department of Corrections

Sheet Title:
 Project Notes,
 Plot Plan &
 Material Notes

Sheet No.:
 A-101

Ref. # 11 CID3
 Building Modifications #3
 10/04/2002 CDC

ROOM FINISH SCHEDULE																	
Rm #	Room Name	Floor		Base		North Wall		East Wall		South Wall		West Wall		Ceiling	Fin	HT	Notes
		Mat	Fin	Mat	Fin	Mat	Fin	Mat	Fin	Mat	Fin	Mat	Fin				
101	Exst Warehouse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
102	Exst Electric	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
103	Exst Closet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
104	Inmate Toilet	sv	fact	cov	fact	gbx	ps-2	gbx	ps-2	gbx	ps-2	gbx	ps-2	ac	fact	9'-0"	1, 2
105	Staff Toilet	sv	fact	cov	fact	gbx	ps-2	gbx	ps-2	gbx	ps-2	gbx	ps-2	ac	fact	9'-0"	1, 2
106	Mech/Elec	-	-	rb	fact	gbx	ps-2	gbx	ps-2	gbx	ps-2	gbx	ps-2	-	-	-	1

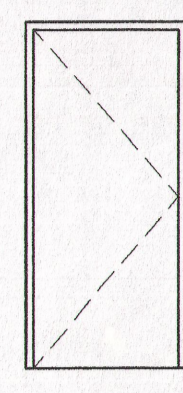
LEGEND:
 ac acoustic panel
 cov covered sheet vinyl
 exst existing
 fact factory
 gbx gypsum board (type X)
 ps paint system
 rb rubber base
 sv sheet vinyl

NOTES:
 1. Paint and provide rubber base on both sides of new walls (where exposed).
 2. Provide 4" high FRP wainscot above covered base on all walls.

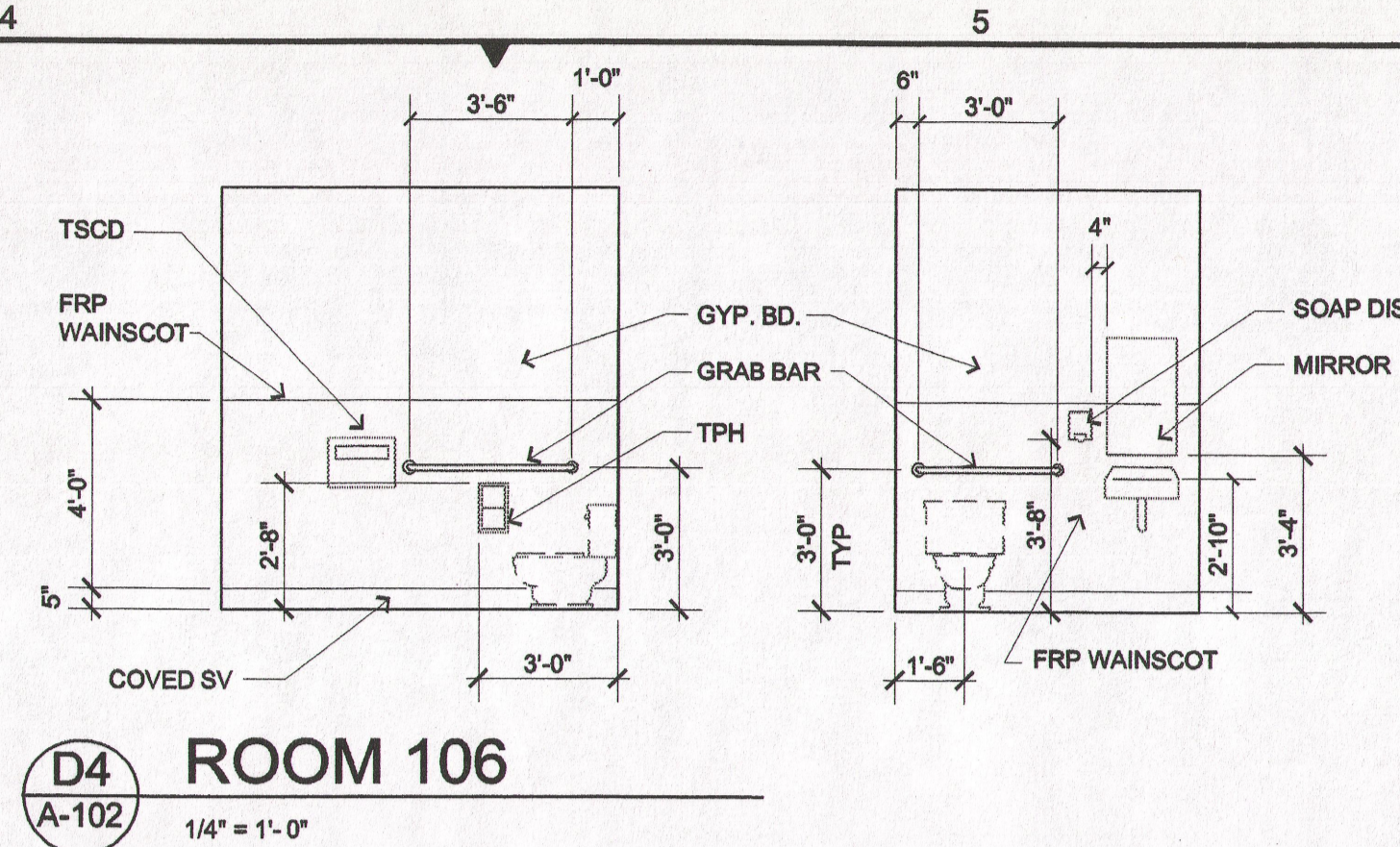
DOOR AND FRAME SCHEDULE													
Door No.	Dimensions	Door			Frame			Details	Hdw	Group	Notes		
		Mat	Type	Fin	Mat	Type	Fin						
1	3' x 7' x 1 3/4"	wd	A	ps-3	hm	A	ps-4				1		
2	3' x 7' x 1 3/4"	wd	A	ps-3	hm	A	ps-4				1		
3	3' x 7' x 1 3/4"	wd	A	ps-3	hm	A	ps-4				2		
4	3' x 7' x 1 3/4"	hm	A	ps-4	hm	A	ps-4				3		

LEGEND:
 hm hollow metal
 ps paint system
 wd wood

NOTES:
 1. 5 3/4" standard double rabbeted frame.



A
DOOR TYPES



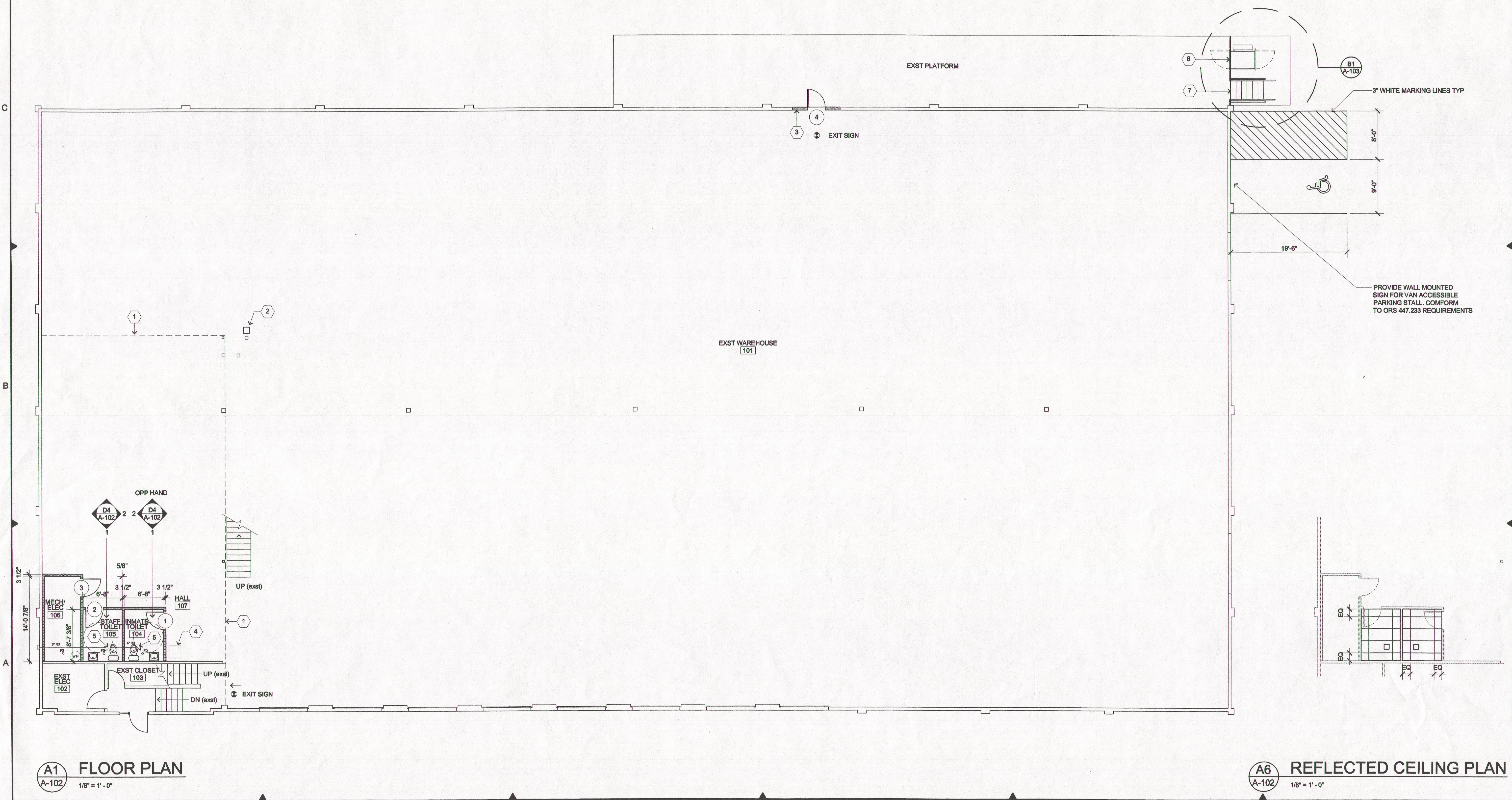
D4 ROOM 106
1/4" = 1'-0"

GENERAL NOTES

- All dimensions for new work are to face of studs unless noted otherwise.
- All dimensions from existing walls are from face of finish unless noted otherwise.
- All new walls are 2x4 studs at 16" o.c. unless noted otherwise. A steel stud (350 S 125-33) system may be used as an alternate.
- Provide 5/8" GEX on both sides of walls (where exposed).
- New turned walls (2x4) at building perimeter are insulated to R-21 value.
- Repair all damage to existing walls (i.e., remove any abandoned fasteners, patch small holes & finish to match existing textured walls).

KEYED NOTES

- Line of existing second floor above.
- Existing drinking fountain.
- Fix existing 8' x 8' sectional overhead door in open position. See wall/door details for new door opening.
- Utility sink with soap dispenser and paper towel dispenser mounted at accessible heights (noted on toilet room elevations). Provide 4" high x 4" wide FRP wainscot on side wall and back wall at utility sink.
- 80 CFM 11.5 tone ceiling exhaust fan. NuTone QT-80, equal by Broan. Switch with lights.
- Wheelchair lift.
- Egress stair.

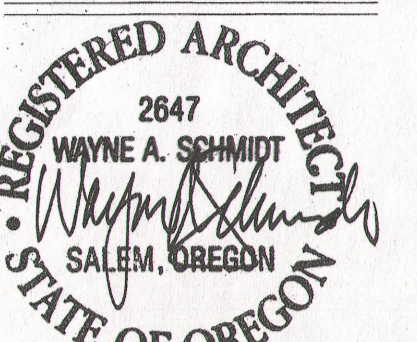


A1 FLOOR PLAN
1/8" = 1'-0"

A6 REFLECTED CEILING PLAN
1/8" = 1'-0"

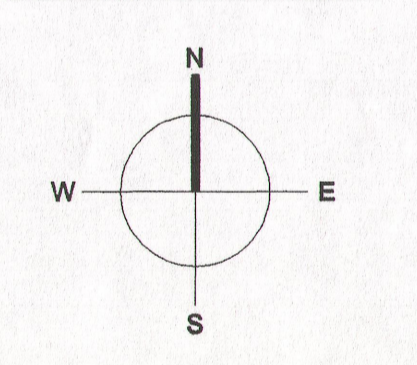


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Sheet Title:
Floor Plan,
Schedules &
Notes

Sheet No.:

A-102

