



DEPARTMENT OF LAND SERVICES

Columbia County Courthouse, St. Helens Oregon 97051

Phone: (503) 397-1501 Fax (503) 366-3902

PLAN REVISION REQUEST

COVER MEMO

REVISION APPROVAL
 Revision # BLO-2008-00283
 By: [Signature]
 Columbia County Land Development Services
 Date: 11-6-08

Date: 11-6-08 Project Name/Owners Name: HEDGGS CARR MANAGEMENTProject Address: 33619 E. CROWN Project Contractor: J.L. JARSA
ZELLERBACH RD., SCAPPOOSE, ORContact Name: DAVID ADAMS/TINA Phone #: 503-287-4185

Code Area: _____ Original Title Block Number: _____

**THIS DOCUMENT
IS PART OF THE
APPROVED PLANS**

Coordinating Change 2 = NO ADDITIONAL FOOT PRINT AREA
@WBSTEND OF BLDG.

Additional Notes: ADDITION OF PARTITION WALLS, CHANGE OF
STAIR CASE, 1ST & 2ND FLOOR PLAN CHANGES NO NEW
LATENT DESIGN REQUIRED FOR BOR, OTHER AFFECTING
PERMITS MBC 2008 - 00180, BLD 2008 - 00469 SPRINKLERS
CALCULATION MODIFIED MODIFICATIONS GRAVITY LOADINGS
SHEETS MODIFIED - FLS1, 2, A2, A3, A8. SHEETS ADDED:
FLGC 1 & 2 MBCH 1, 2, 3 & 4, A4, A5, A6, A7, A9, A10, A11

OFFICE ONLY

Building Trades Needed For Review:

Structural	☒	Mechanical	
Electrical		Fire-and-life safety	☒
Plumbing		Other:	

REVISION FEES

Administration Fee	\$	
Half Hour Minimum	\$	35 00
Hours - 1 <u>13.5</u> x Hour Rate = <u>1080</u>	\$	1080 00
Balance Due	\$	

Receipt#
Receipt#Check#
Check#

Department Approval:

Signature

Signature

date:

date:

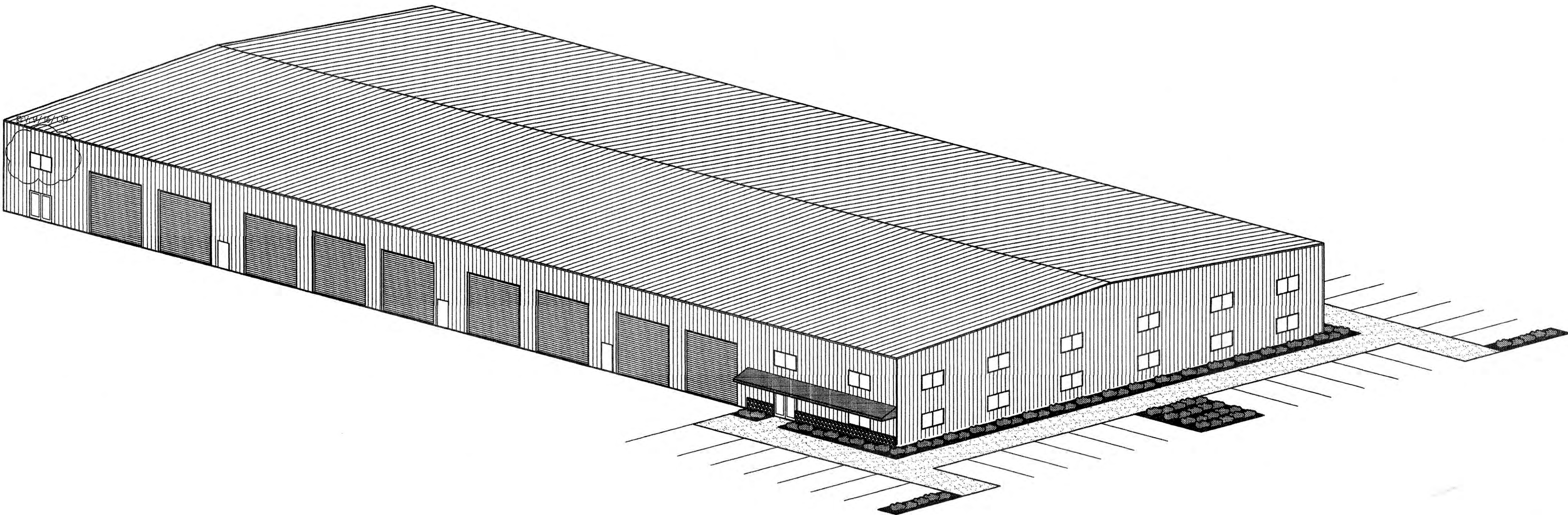
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date: 11-6-08

date:

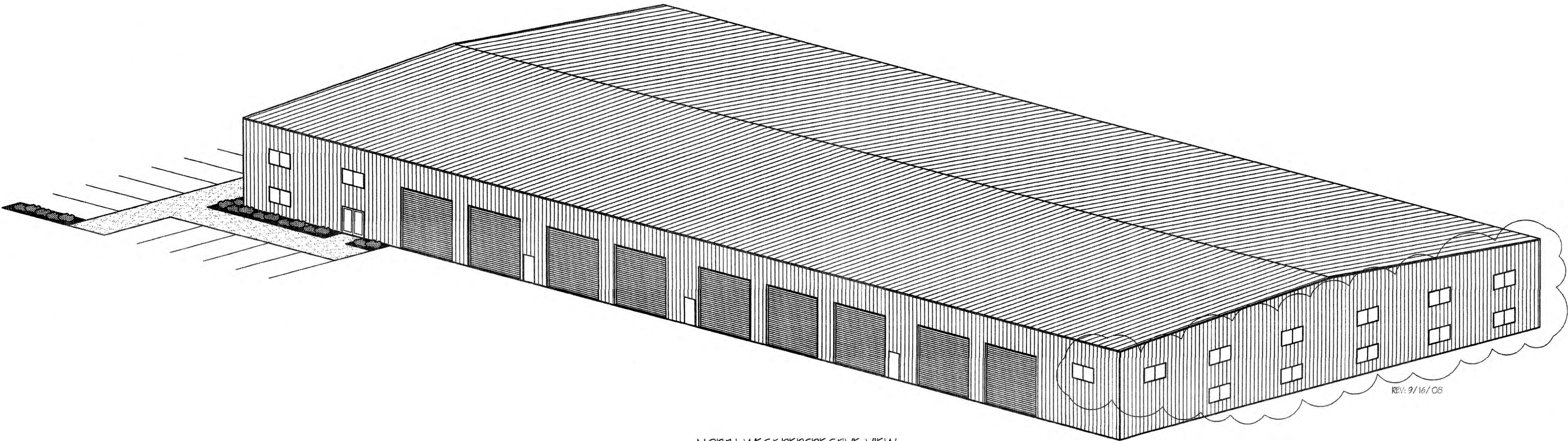
date: 11-6-08

HEDGES CREEK MANAGEMENT TRUCK SHOP / OFFICE



SOUTH-EAST PERSPECTIVE VIEW

1/16" = 1'-0"



NORTH-WEST PERSPECTIVE VIEW

1/16" = 1'-0"

REVISION APPROVED

Revision # 001
Columbia County Land Development Services
By: [Signature] Date: 1/16/08



SHERMAN ENGINEERING, INC.
1410 NW KEARNEY #517
Portland, OR 97209
(503) 230-8876 (503) 226-4745 Fax

TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY OREGON

Sheet Description
EXTERIOR PERSPECTIVE VIEWS

Job No.	1/DNA/08	Revisions	4/16/08
Scale	1/16" = 1'-0"		*
Date	1/14/08		*
Drawn	DNA		

Sheet

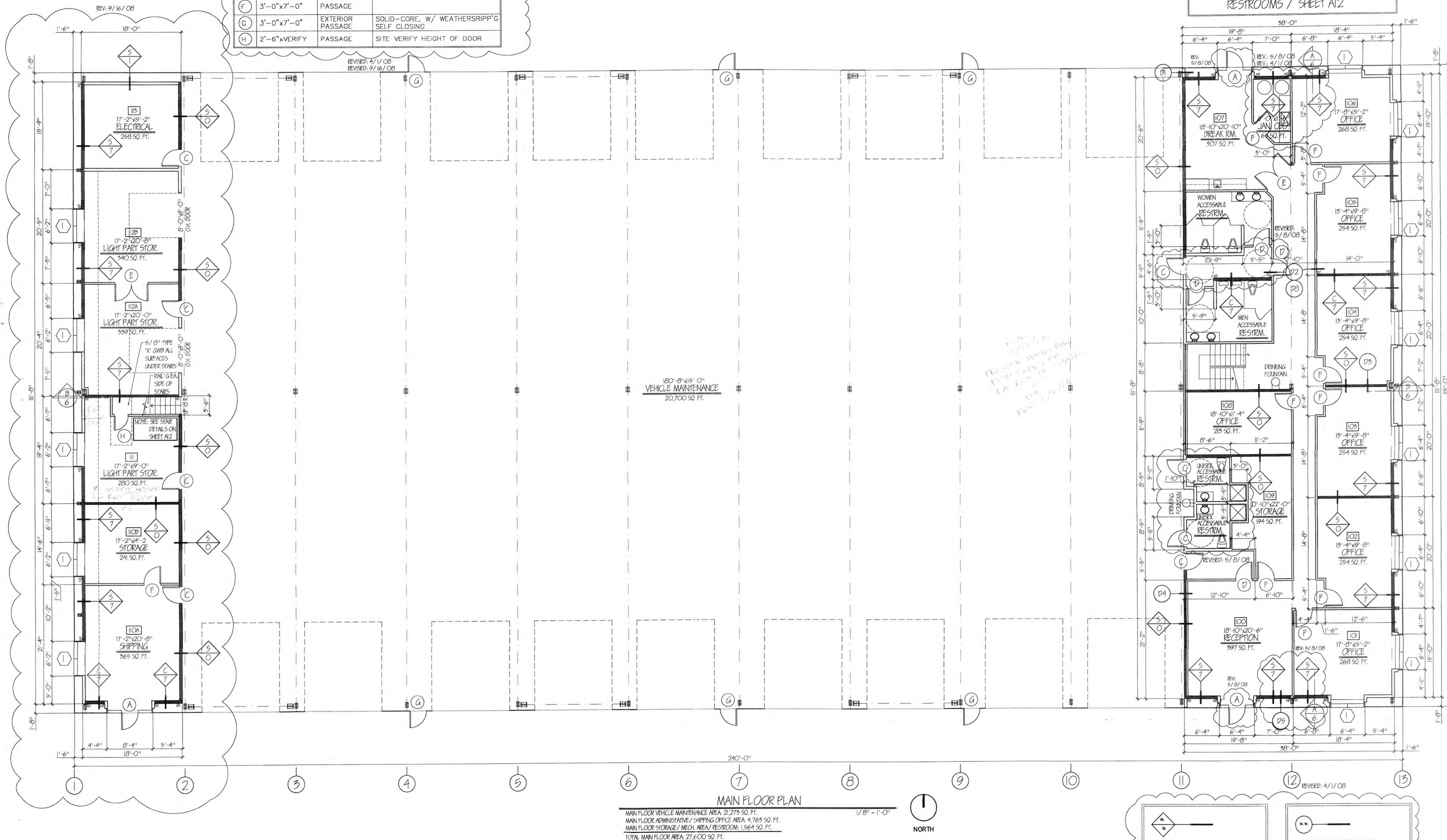
A1

	SIZE	TYPE	NOTES
(A)	3'-0"x7'-0" DR. & (2) 1'-6"x7'-0" SIDELITES	EXTERIOR PASSAGE	FULL-LITE, W/ WEATHERSTRIPPING SELF CLOSING / TEMP. GLASS
(B)	(2) 3'-0"x7'-0"	PAIR PASSAGE	SOLID CORE, W/ GASKETING SELF CLOSING
(C)	3'-0"x7'-0"	PASSAGE	SOLID CORE, W/ GASKETING SELF CLOSING
(D)	3'-0"x7'-0"	PASSAGE	SELF CLOSING
(E)	(2) 3'-0"x7'-0"	PAIR PASSAGE	
(F)	3'-0"x7'-0"	PASSAGE	
(G)	3'-0"x7'-0"	EXTERIOR PASSAGE	SOLID-CORE, W/ WEATHERSTRIPPING SELF CLOSING
(H)	2'-6"xVERIFY	PASSAGE	SITE VERIFY HEIGHT OF DOOR

	SIZE	TYPE	NOTES
1	6'-0"x4'-0"	SLIDER	VINYL

REGISTERED PROFESSIONAL
ENGINEER
18616
DON P. SHERMAN
JUN. 30, 1996
EXPIRES 6-30-10

12



HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE



SHERMAN ENGINEERING, INC.
1410 NW KEARNEY #517

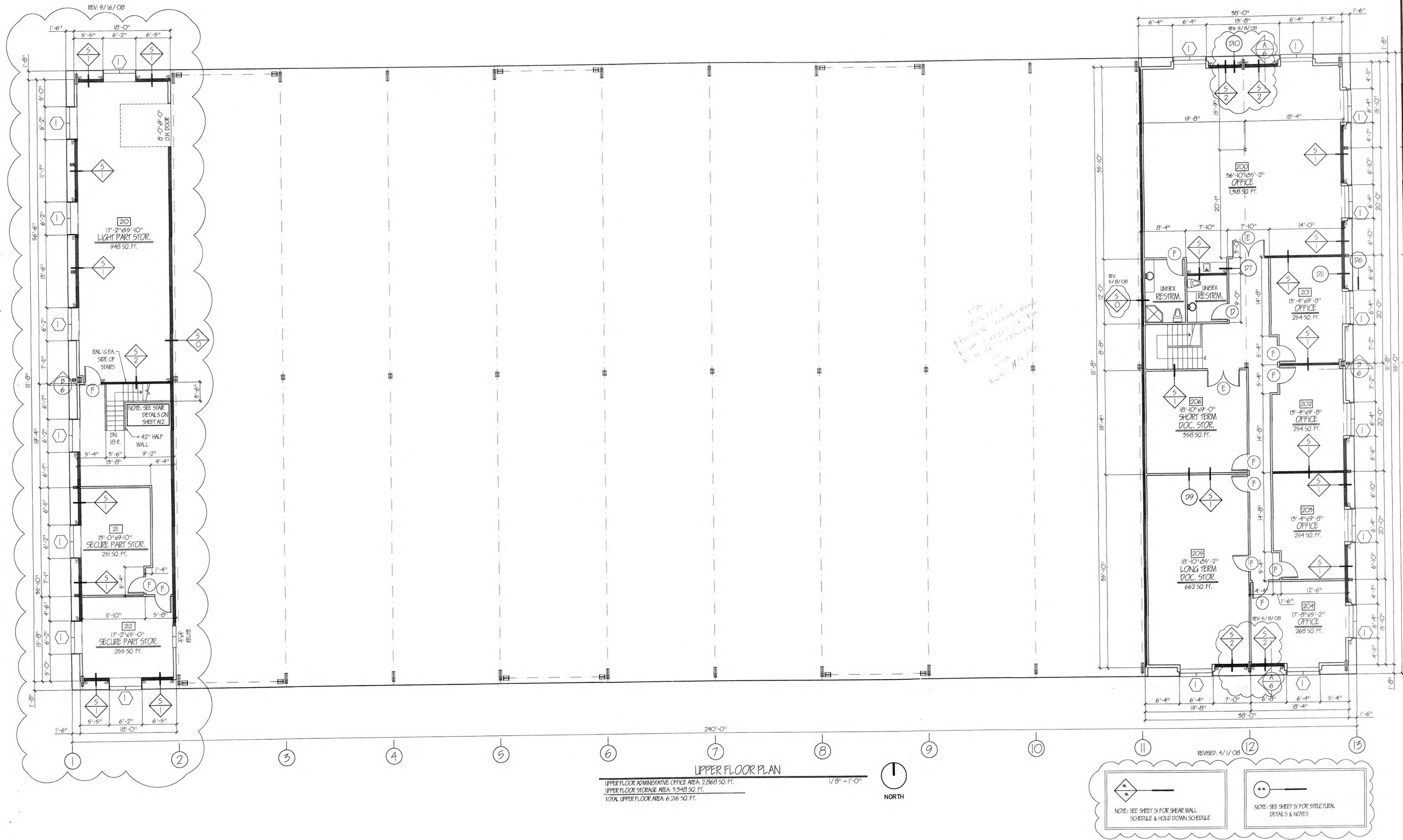
① TRUCK SHOP / OFFICE ⑤
FOR
HEDGES CREEK MANAGEMENT
PIA COUNTY OR

Sheet Description: (A) UPPER FLOOR PLAN	* (B)	
	Job No.	Revisions
	1/DWA/DG	3/16/08 9/16/08
	1/8" = 1'-0"	4/1/08
	1/4/08	5/8/08
	DWA	
	Drawn	

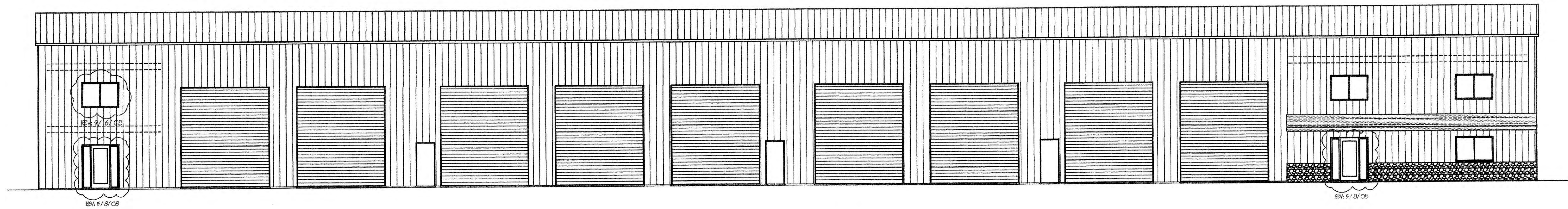
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A3

of 12

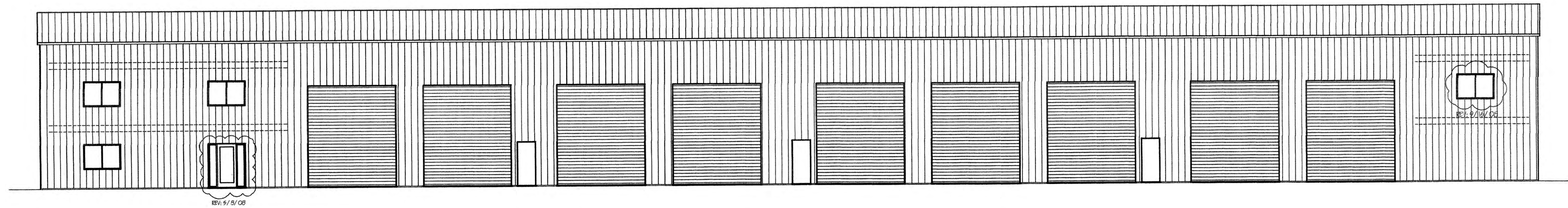


HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE



SOUTH ELEVATION

1/8" = 1'-0"



NORTH ELEVATION

1/8" = 1'-0"



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Project Title
TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY OREGON

Sheet Description
EXTERIOR ELEVATIONS

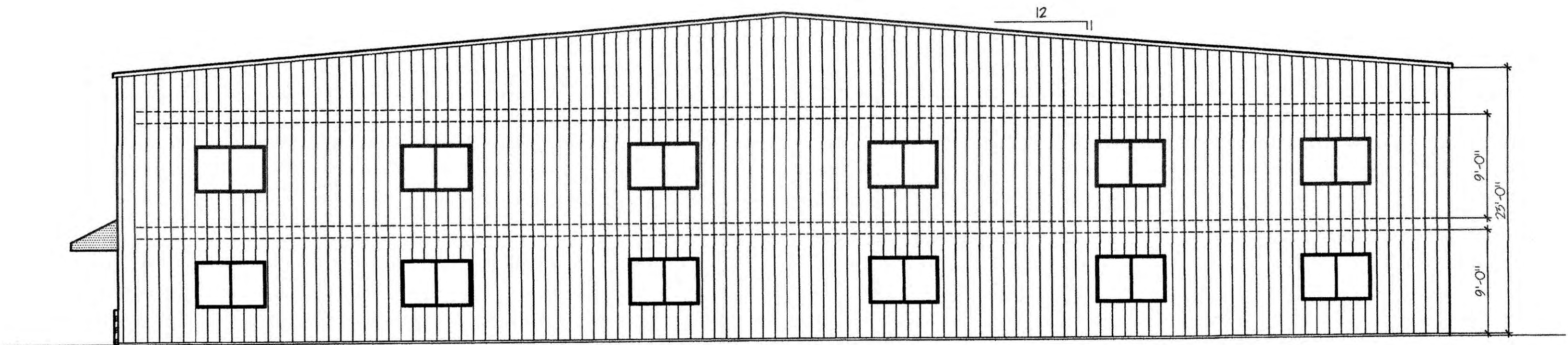
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Drawn	DNA
Revisions	5/8/08 9/16/08

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A4

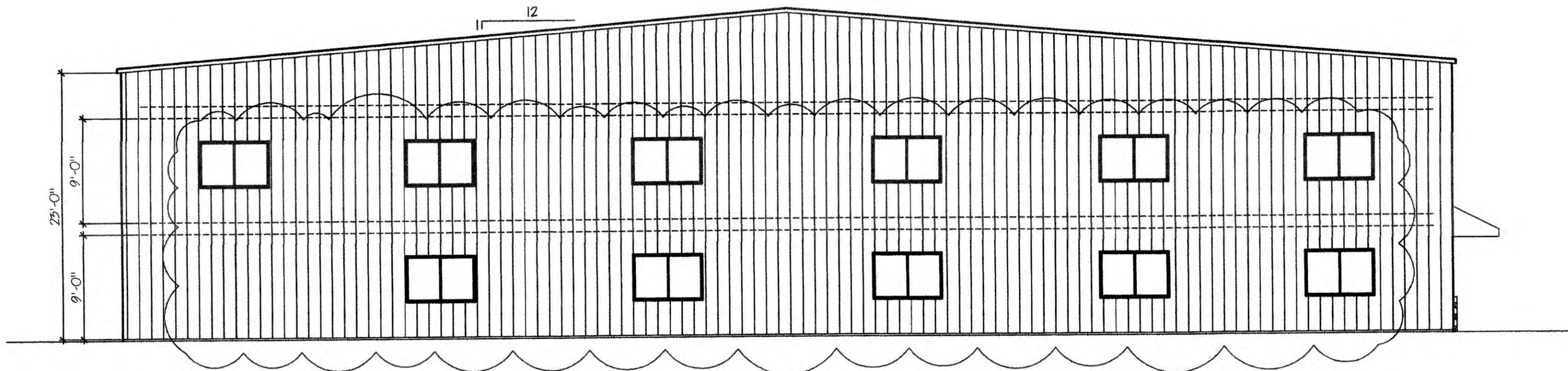
of 12

HEDGES CREEK MANAGEMENT TRUCK SHOP / OFFICE



EAST ELEVATION

1/8" = 1'-0"



WEST ELEVATION

1/8" = 1'-0"

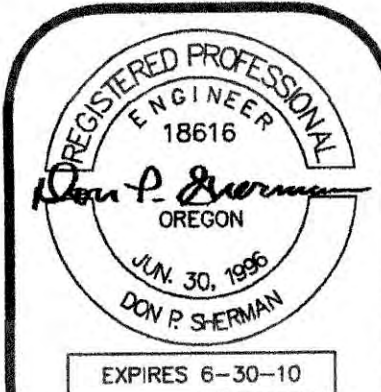


SHERMAN ENGINEERING, INC
1410 NW KEARNEY #517
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Project Title
TRUCK SHOP / OFFICE
FOR
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COLUMBIA COUNTY OREGON

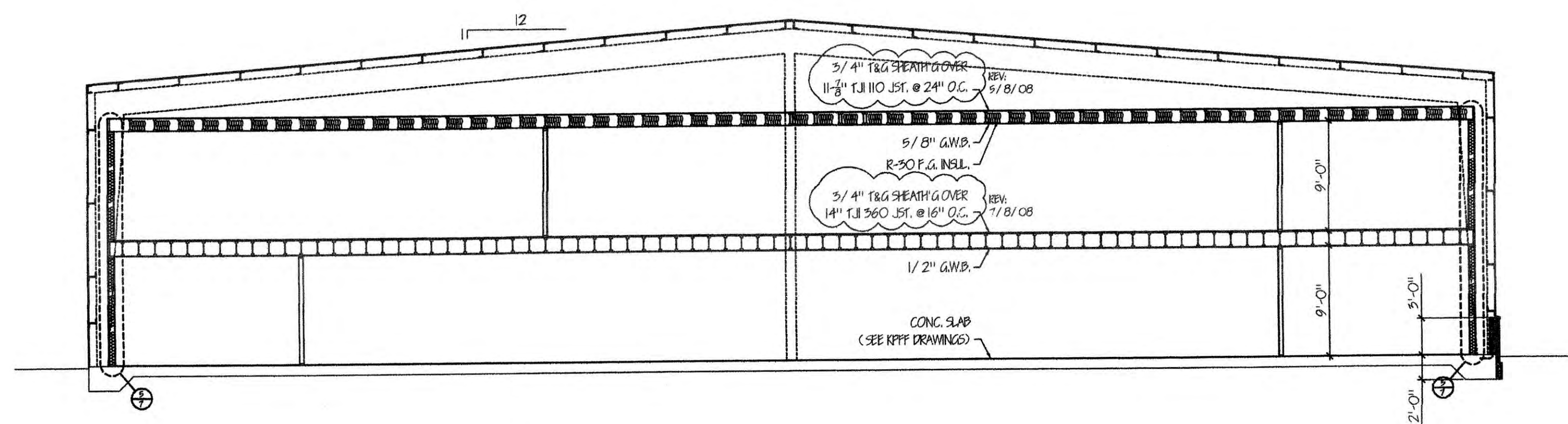
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Drawn	DNA		*

HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE

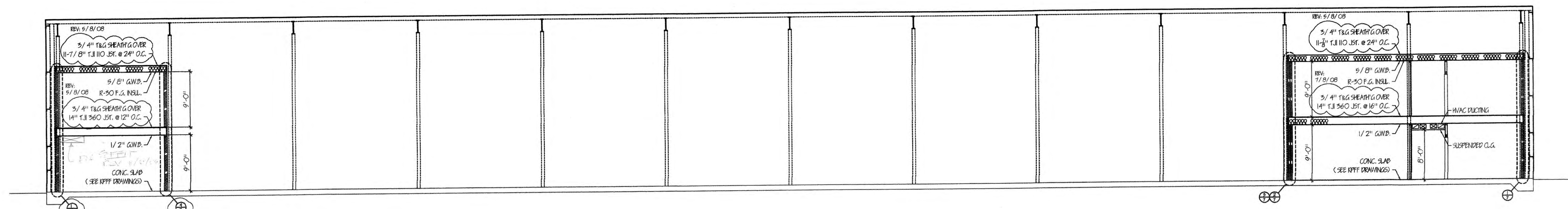


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COLUMBIA COUNTY OREGON



A
6 BUILDING SECTION 1/8" = 1'-0"

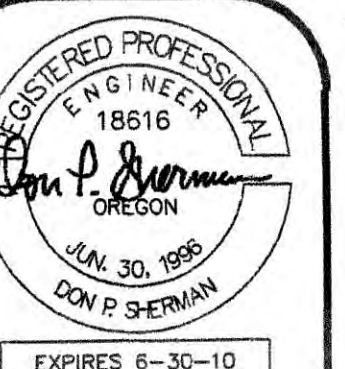


B
6 BUILDING SECTION 1/8" = 1'-0"

BUILDING SECTIONS		Revisions	
Job No.	1/DNA/08	Date	5/8/08
Scale	1/8" = 1'-0"	Date	7/8/08
Date	1/4/08	Drawn	*
Sheet	DNA		

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of 12

HEDGES CREEK MANAGEMENT TRUCK SHOP / OFFICE

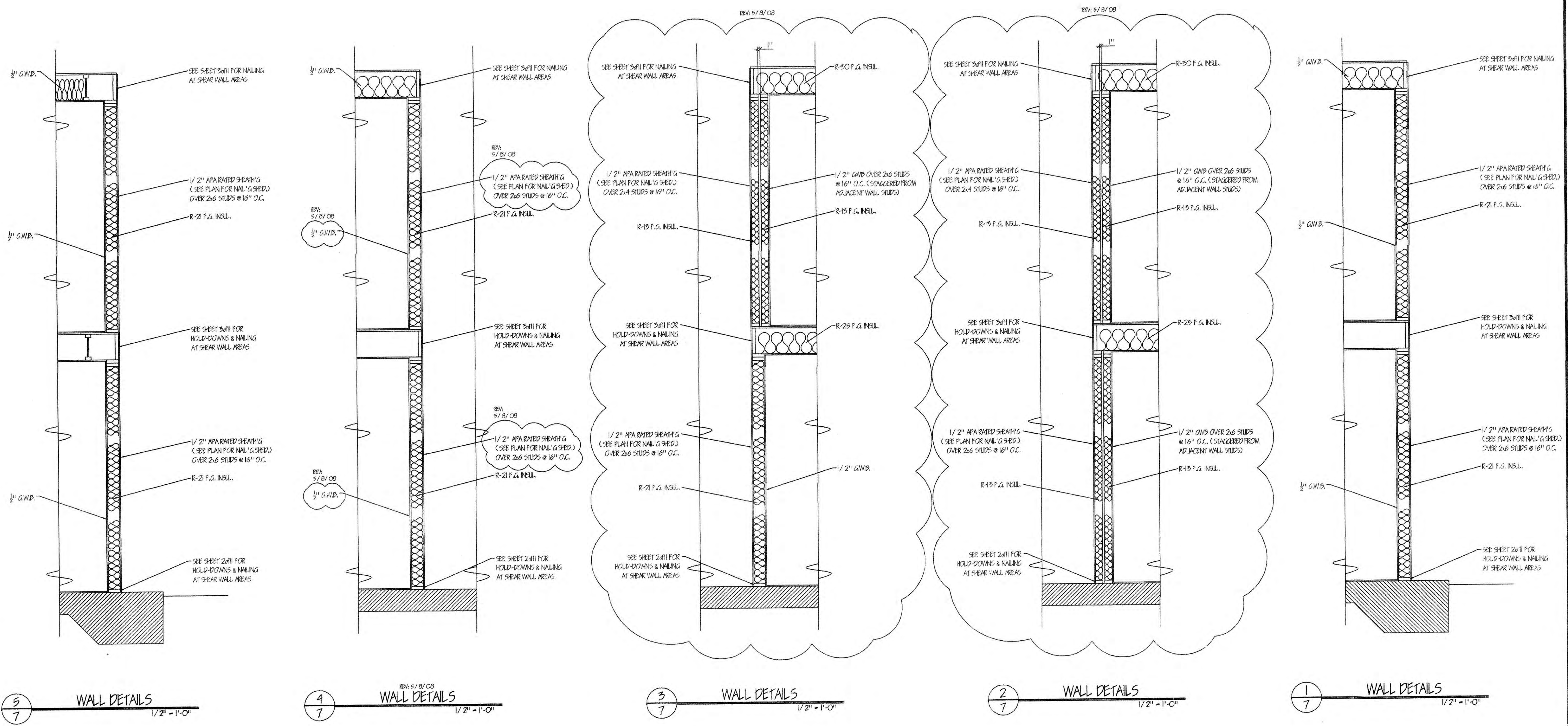


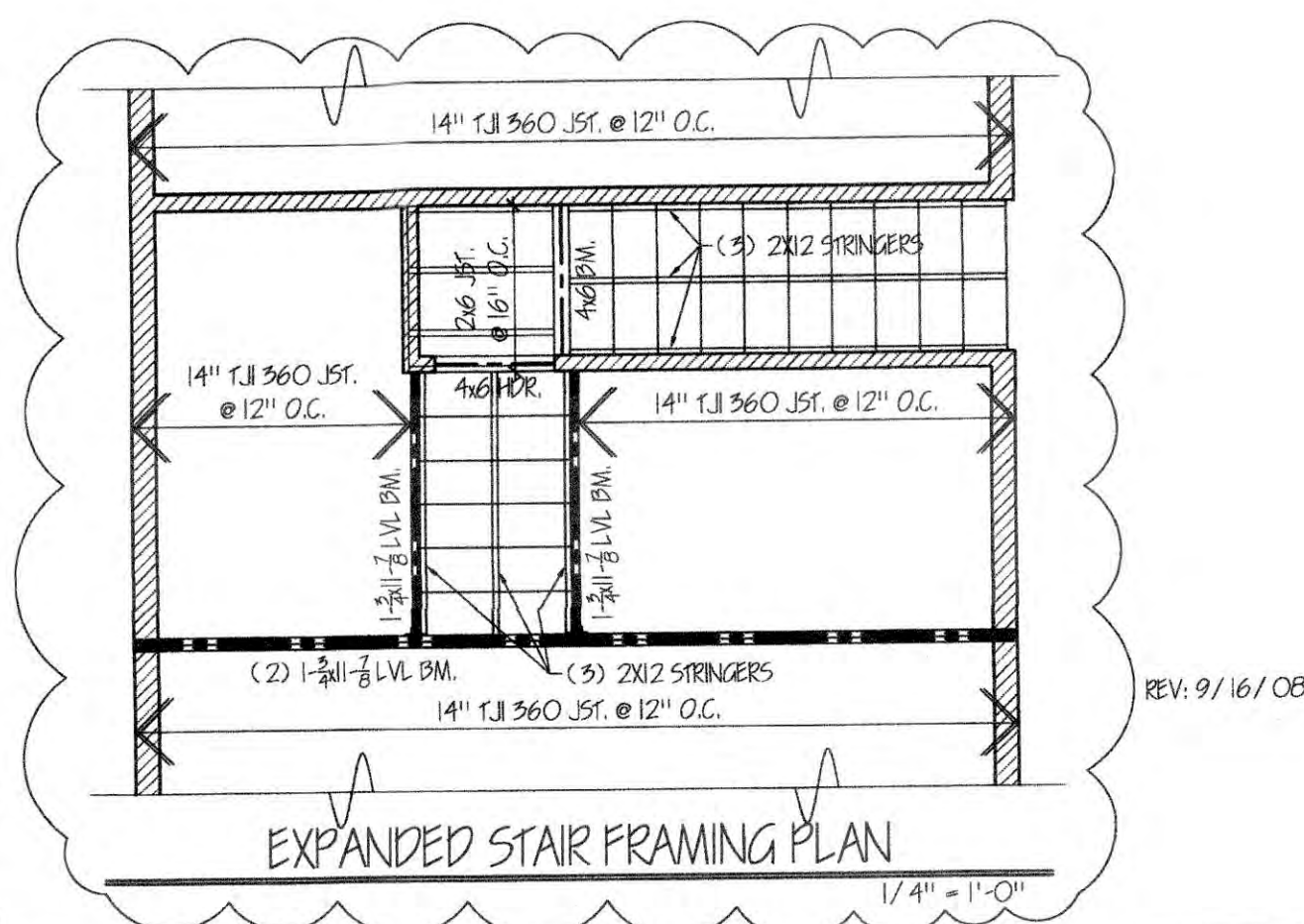
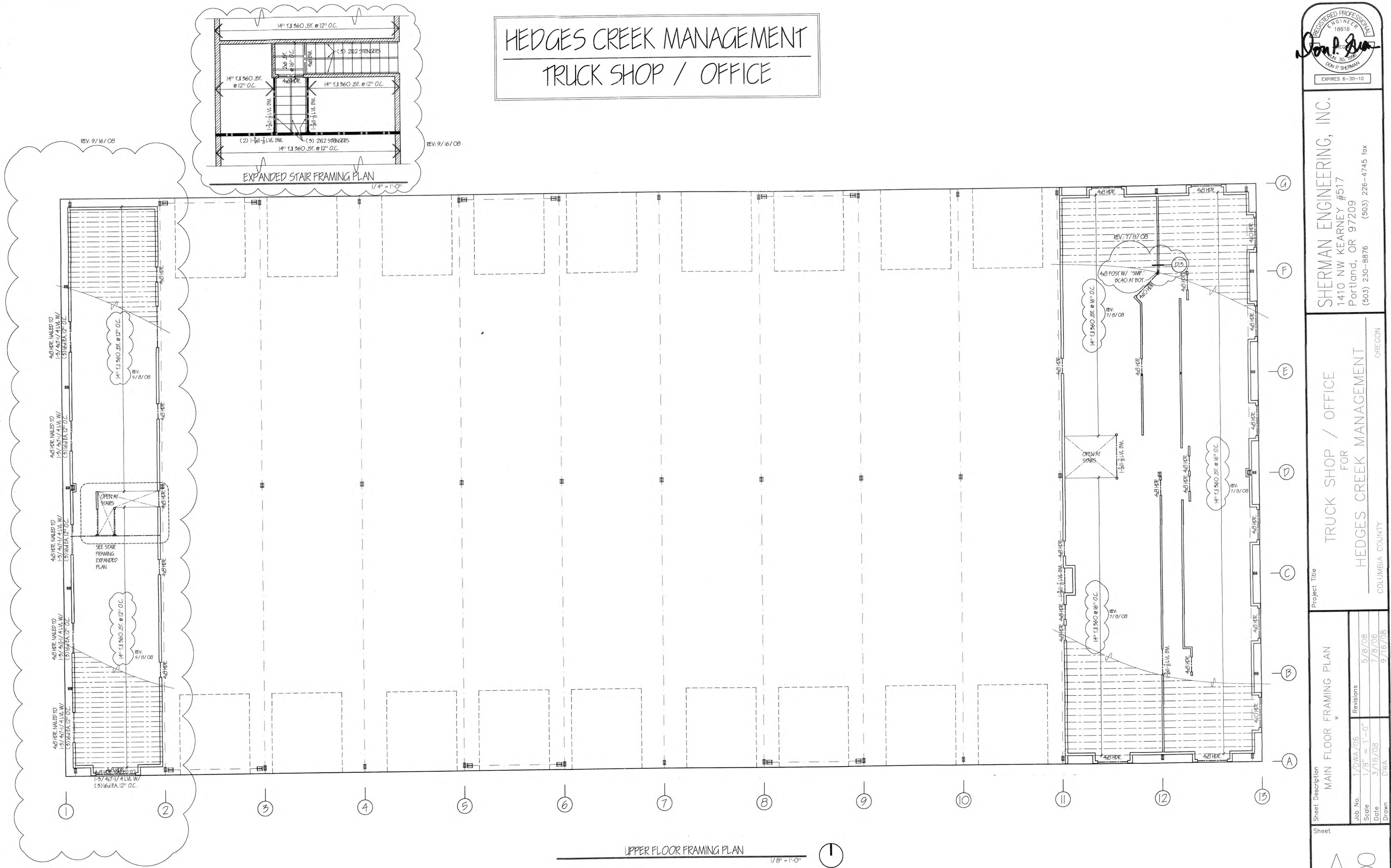
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Project Title
TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY OREGON

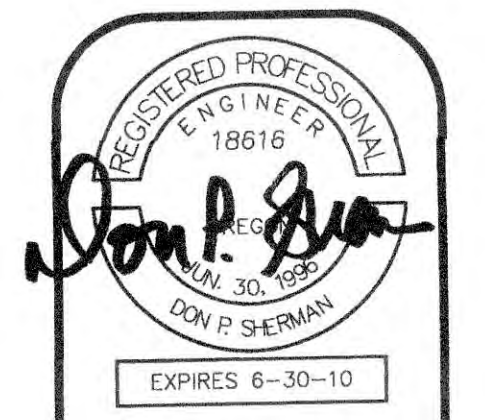
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5/8/08	*	*		

Sheet
A7
of 12





HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE

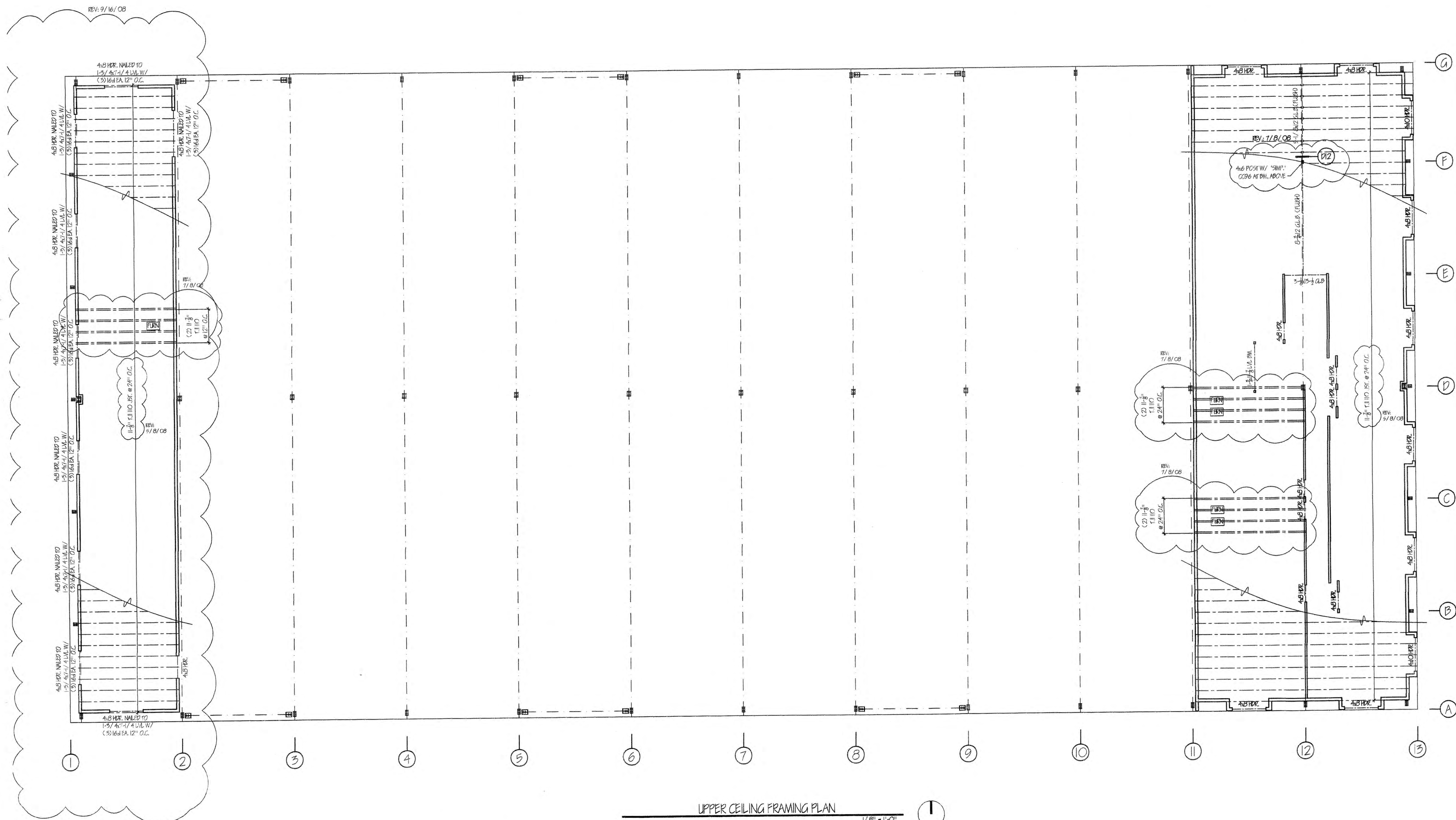


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(503) 230-8876 (503) 226-4745 fax

Project Title
TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY OREGON

Sheet Description MAIN FLOOR FRAMING PLAN	Revisions		
	Job No.	1/DWA/05	5/8/08
	Scale	1/8" = 1'-0"	7/8/08
	Date	3/18/08	9/16/08
Sheet A8	Drawn DWA		
	of 12		

HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE



UPPER CEILING FRAMING PLAN

1/8" - 1'-0"



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TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT

COLUMBIA COUNTY OREGON

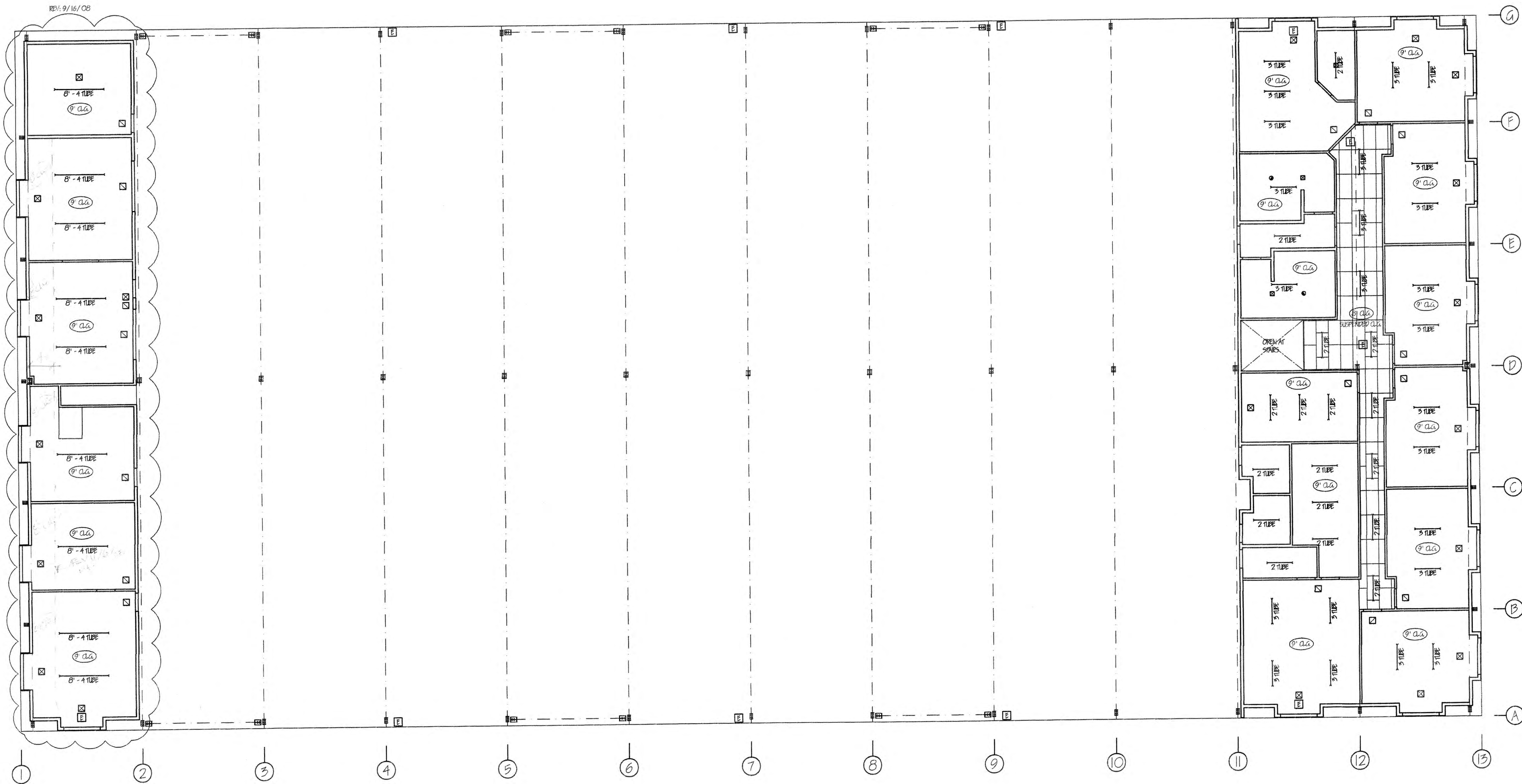
UPPER CEILING FRAMING PLAN *

Sheet

Handwritten letters 'A' and 'Q' with arrows indicating stroke order. 'A' is formed by three strokes: two diagonal lines meeting at the top and a horizontal crossbar. 'Q' is formed by two strokes: a counter-clockwise circle and a short vertical line at the bottom right.

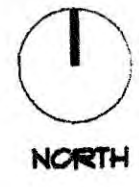
12

HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE



MAIN FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

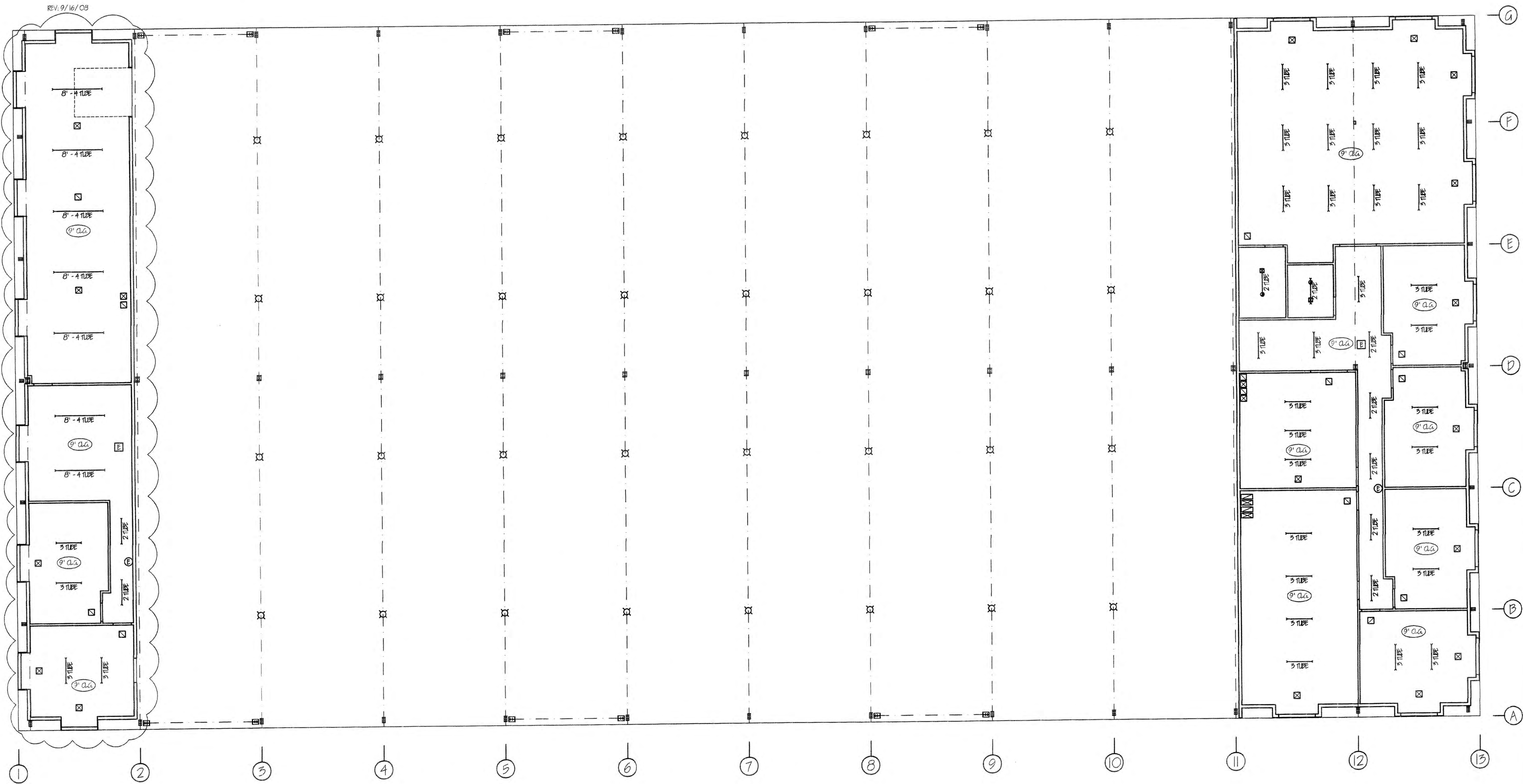


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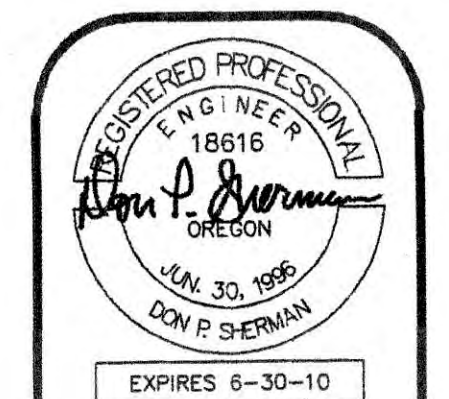
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Job No.	1/DNA/08
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Date	1/4/08
Drawn	DNA
Revisions	3/18/08 9/16/08 *

HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE



UPPER FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"



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COLUMBIA COUNTY OREGON

Sheet Description	UPPER FLOOR REFLECTED CEILING PLAN
Job No.	1/DNA/08
Scale	1/8" = 1'-0"
Date	1/4/08
Drawn	DNA
Revisions	3/18/08 9/16/08

230 Strand, St. Helens Oregon 97051
Phone: (503) 397-1501 Fax (503) 366-3902

Permit # BL02098-00283

REVISION APPROVED

Revision # 3^{BLO} - 2008 - 00283

REQUEST FOR REVISION

COVER MEMO

Columbia County Land Development Services

By: AM/BP Date: 1-6-08

Date: 1-6-09 Project Name: HEDGES CRACK MANAGEMENT TRUCK REPAIR

Project Address: 83619 CROWN ZEPHYRUS BLVD RD (CAMOOSTON

Contact Person for Questions: DAVID ADAMS Contact #: _____

Project Contractor: T. L. Jones Contact #: _____

Project Engineer/Architect: Don S. HANCOCK ASSOC Contact #:

Code Area of Revision: 1108.4.3 Original Sheet/Detail Number: A12 BACAL ROOFTOP

Coordinating Revised Sheet/Detail Number(s): CANF CANF T 5

Additional Notes: ADDITION OF 5452VCS TO PROCEED FOR SIDE
REACT ADJUDICATION OF SAC 1109 2.3.6

OFFICE ONLY

Notes:

Fee Breakdown:

Building Trades Needed For Review:

Structural		Mechanical	
Electrical		Fire-and-life safety	
Plumbing		Other: ADA	✓

REVISION FEES

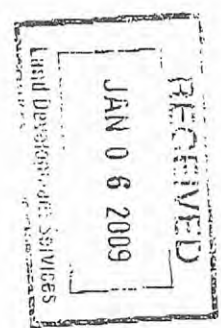
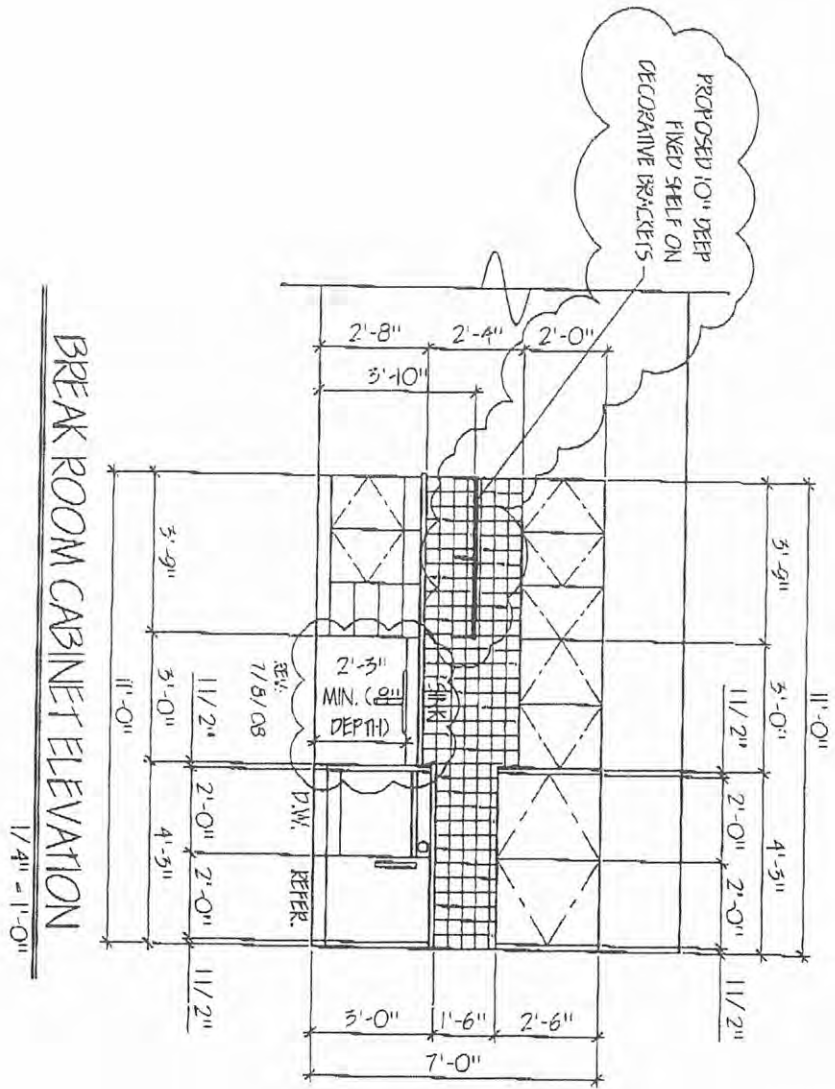
Miscellaneous Fees	\$	
Half Hour Minimum	\$	40 00
Balance Due	\$	40 00
New Valuation: _____		

Receipt#
Receipt#Check#
Check#

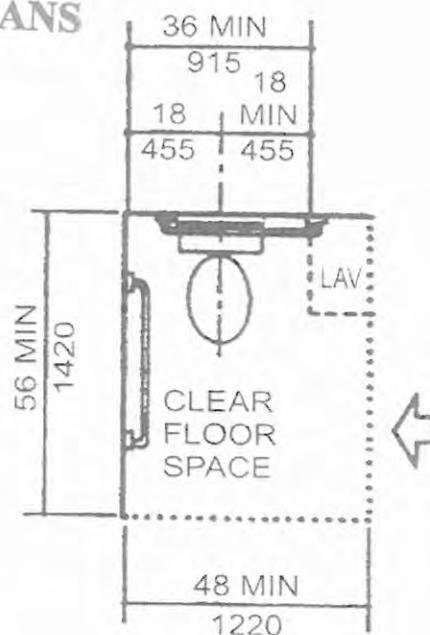
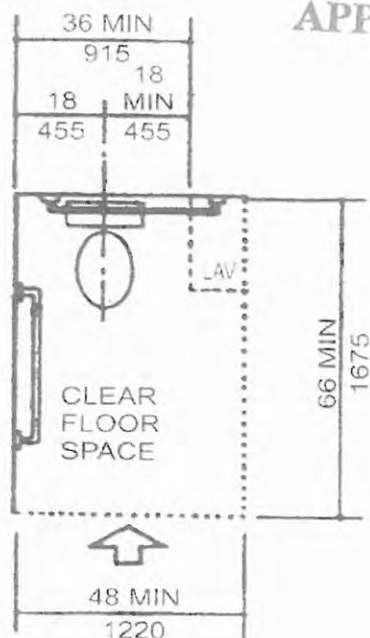
Department Approval:

Signature _____

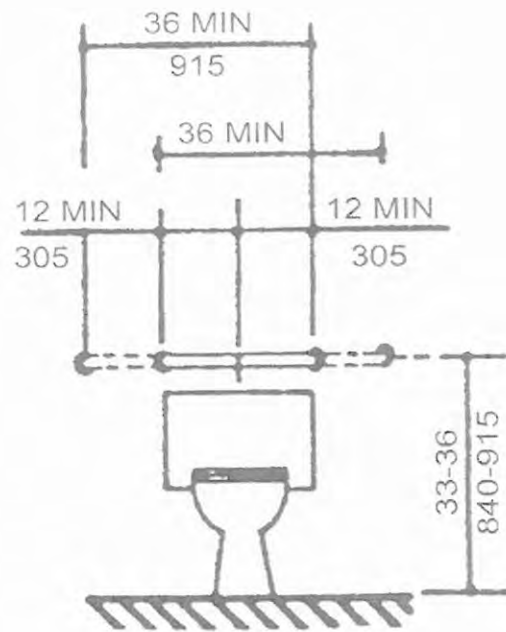
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date:
date:



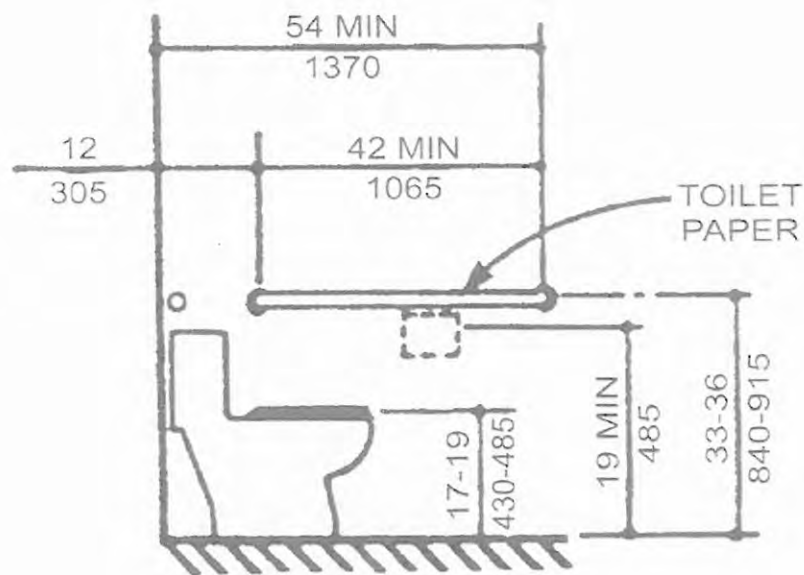
**THIS DOCUMENT
IS PART OF THE
APPROVED PLANS**



ADAAG FIGURE 28
CLEAR FLOOR SPACE AT WATER CLOSETS

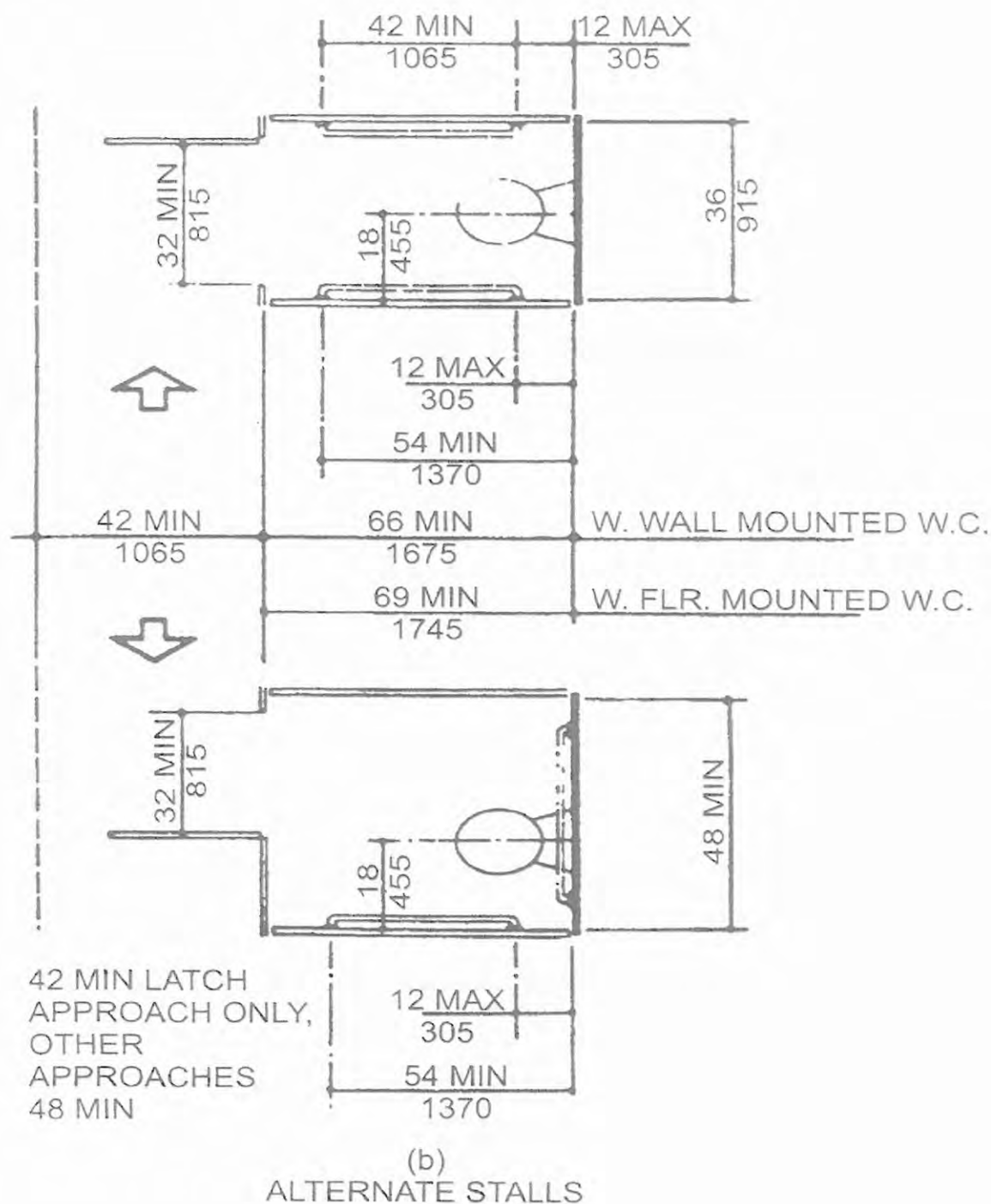


(a)
BACK WALL

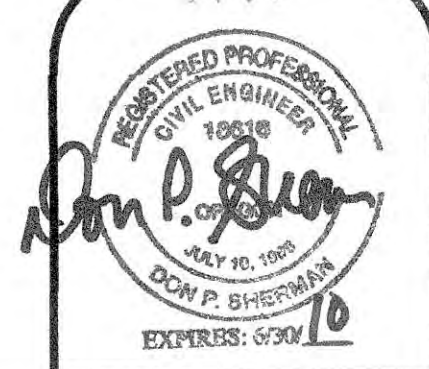
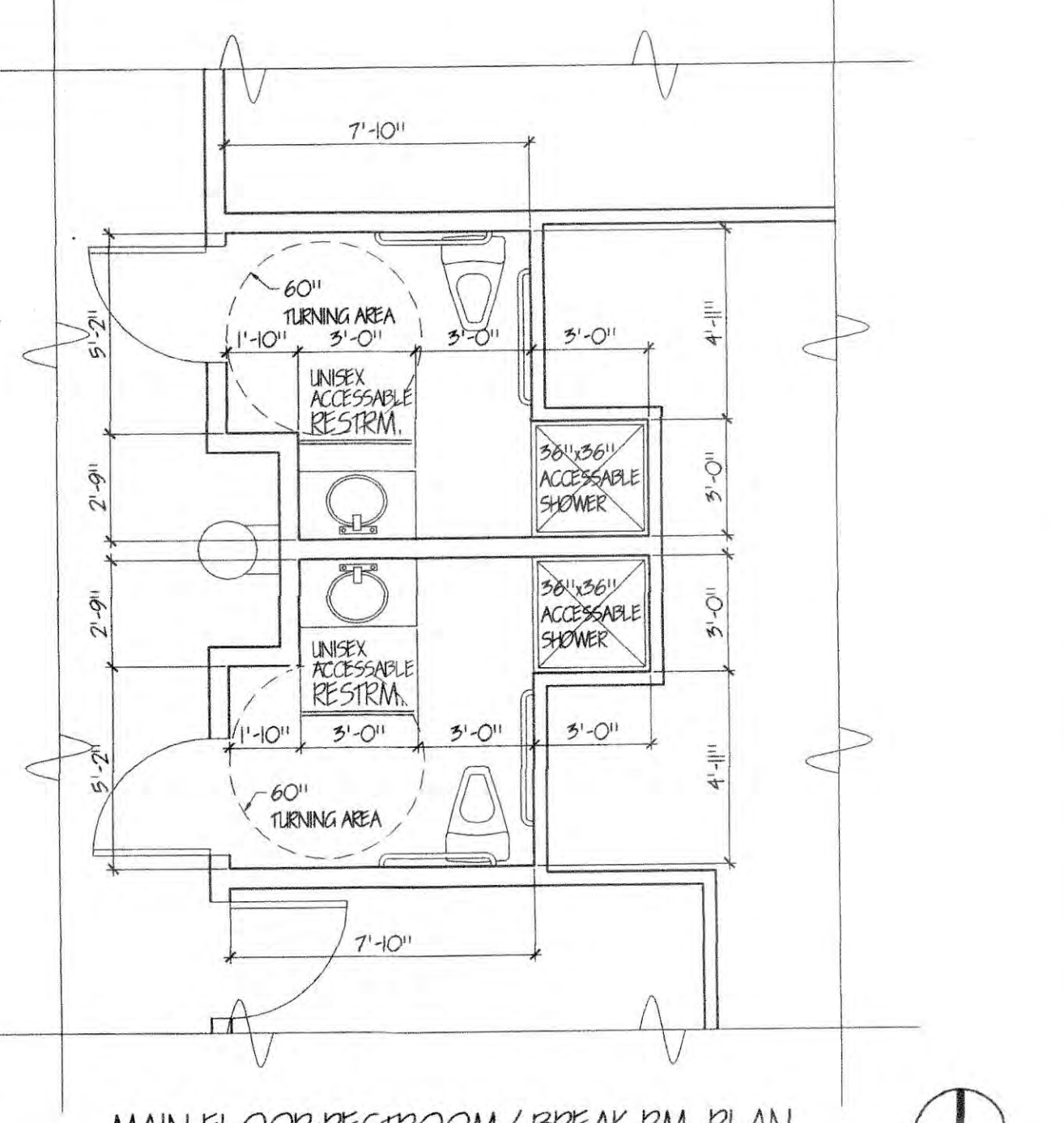
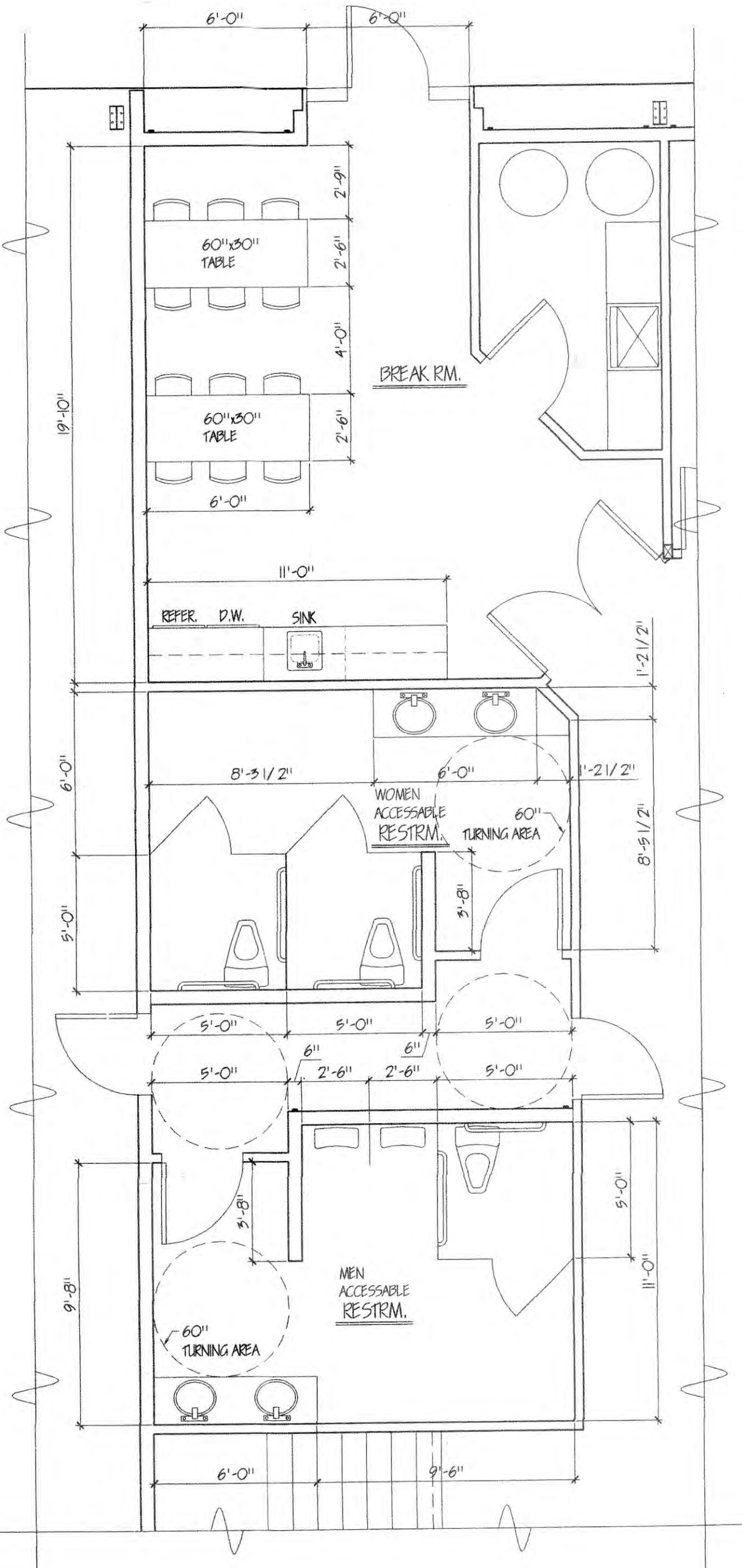
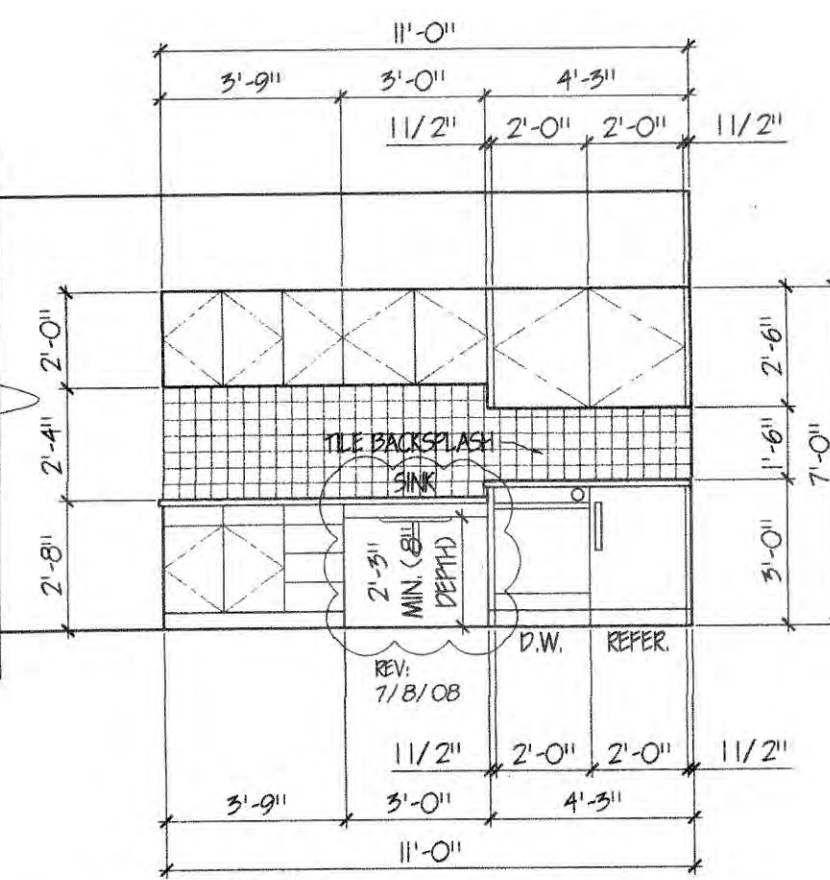
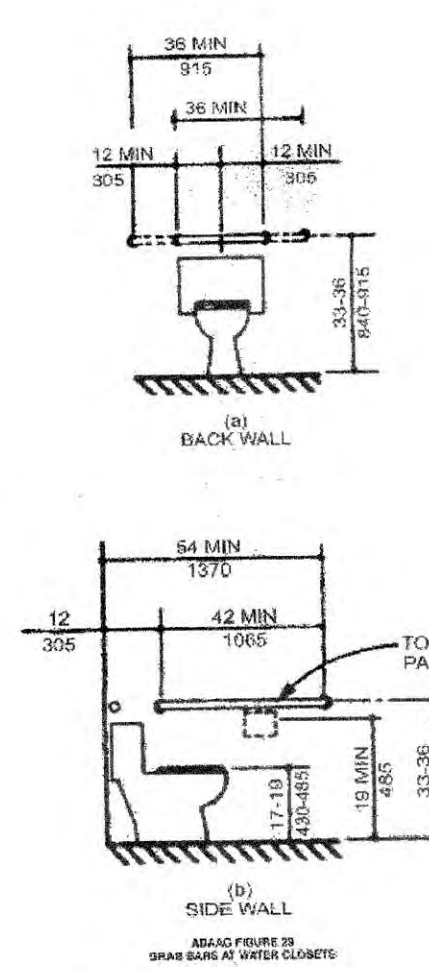
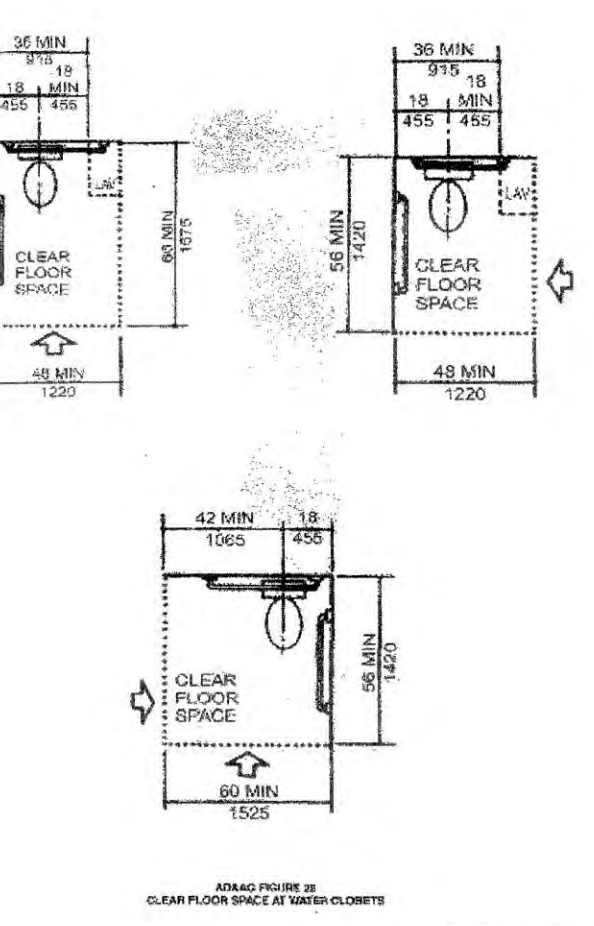
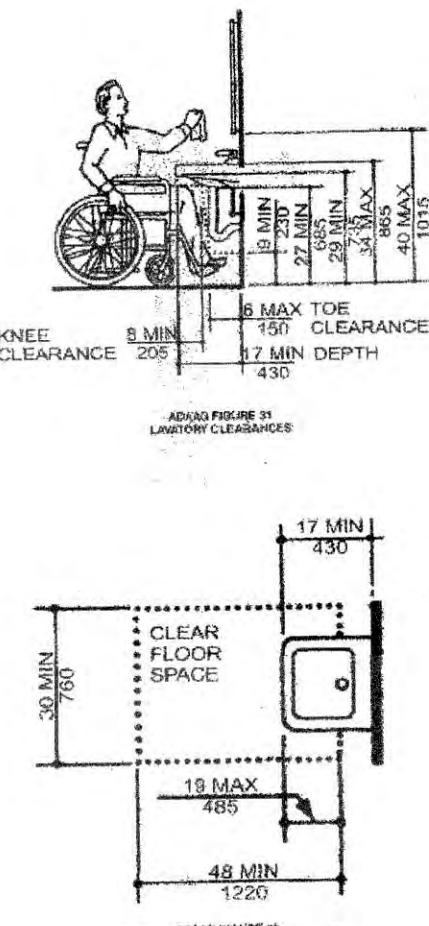
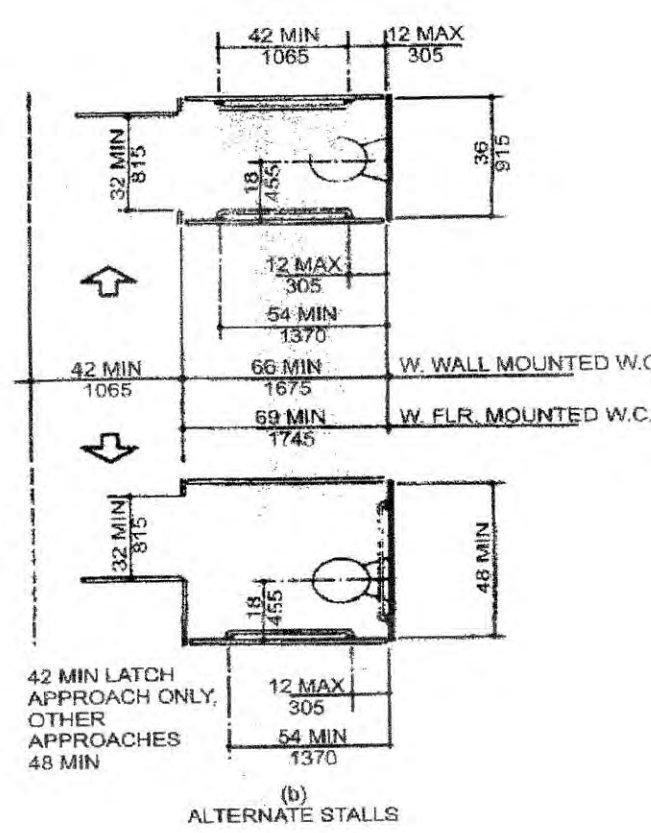
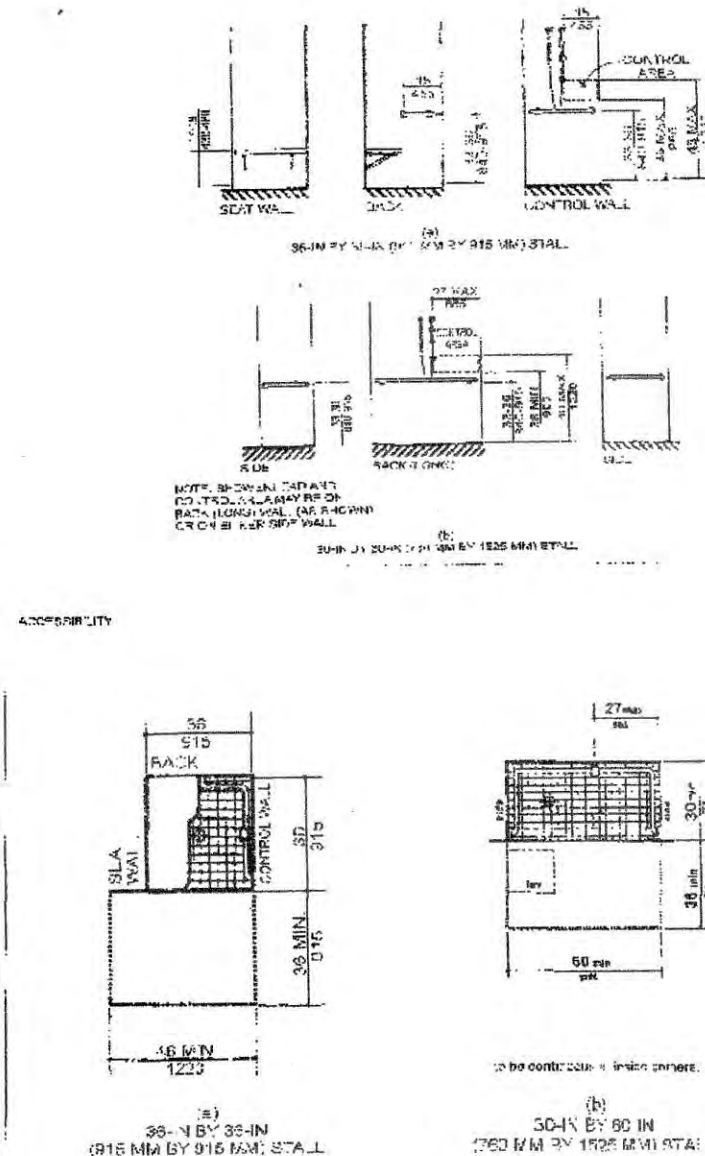
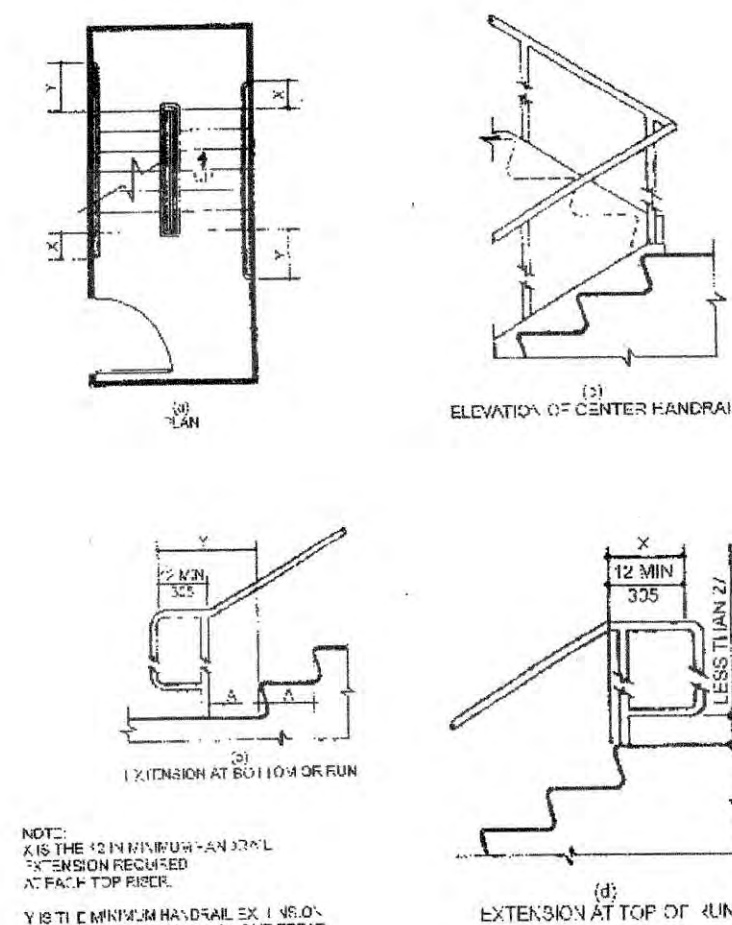
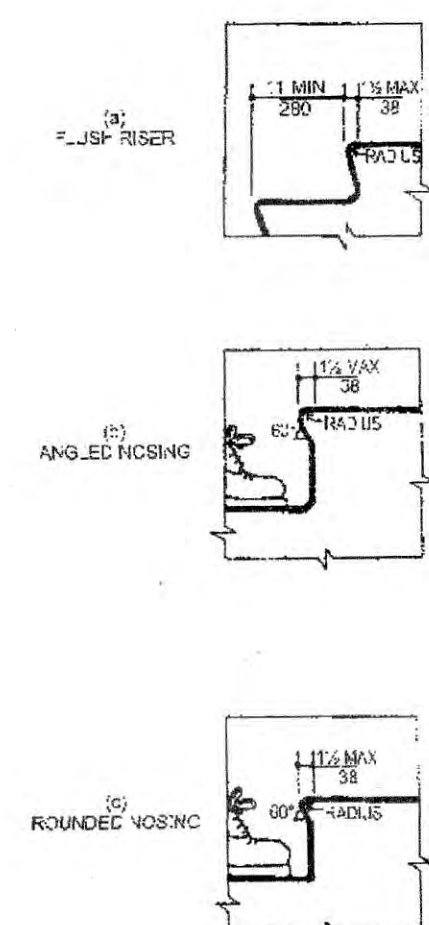
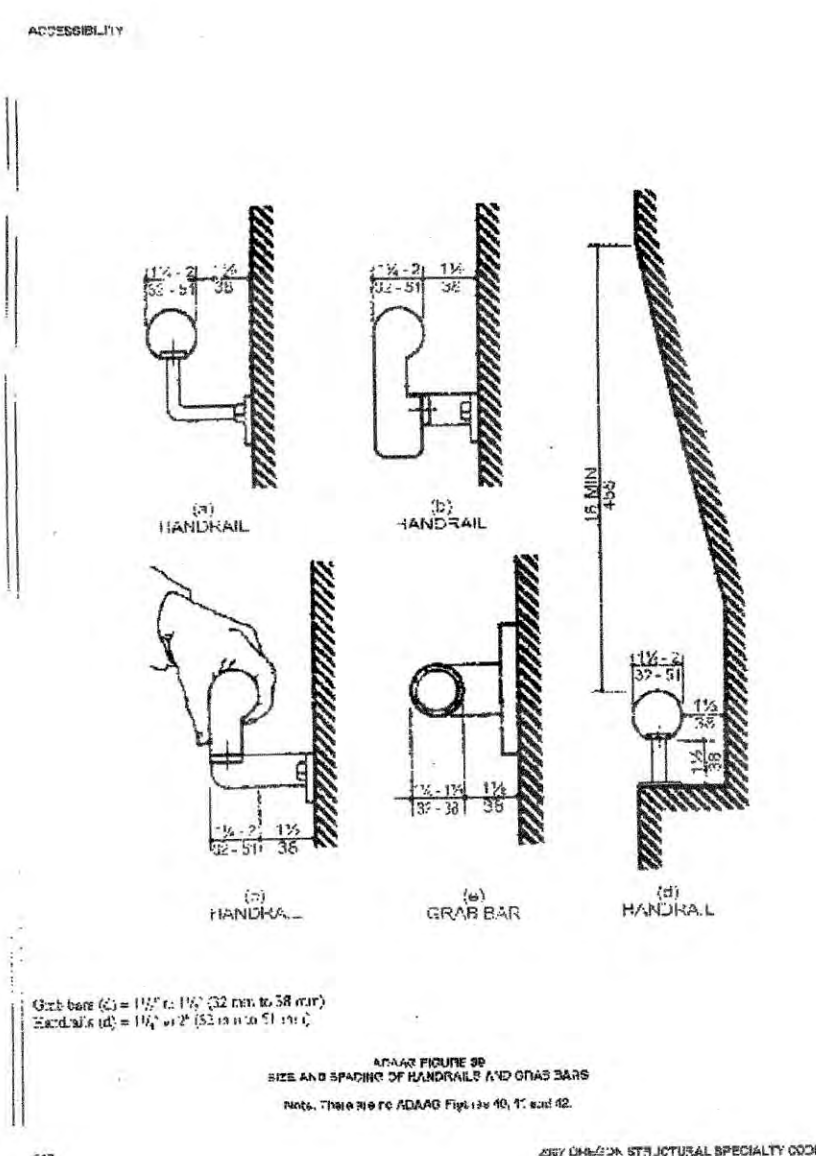


(b)
SIDE WALL

ADAAG FIGURE 29
GRAB BARS AT WATER CLOSETS



ADAAG FIGURE 30
TOILET STALLS—(continued)



Project Title
TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY
OREGON

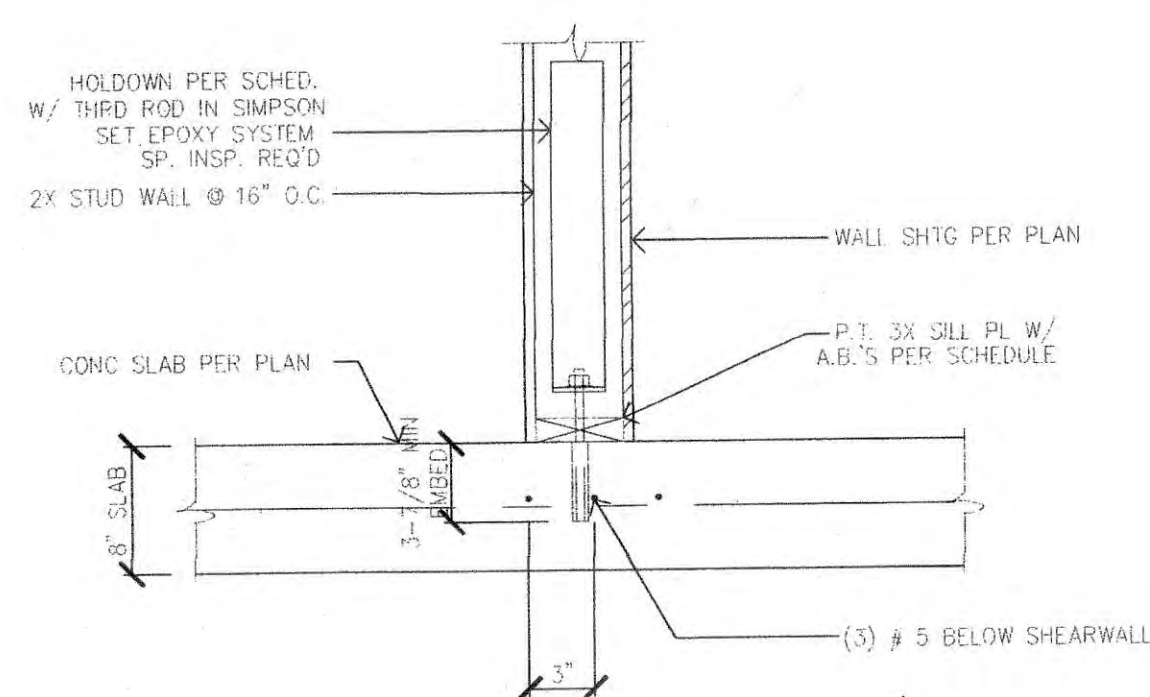
Sheet Description	MAIN FLOOR PLAN
Job No.	1/DNA/08
Scale	1/8" = 1'-0"
Date	5/8/08
Drawn	DWA
Revisions	7/8/08

Sheet
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of 12

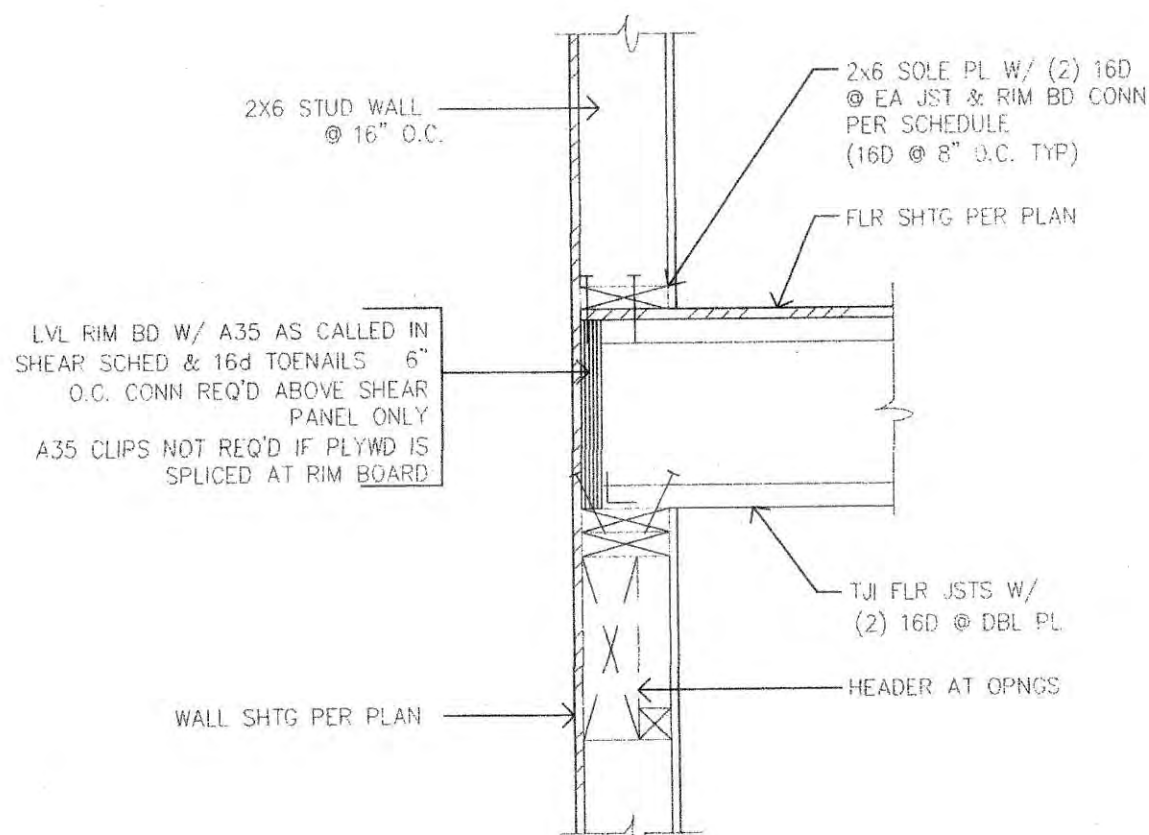
SHEARWALL SCHEDULE						ALL PANEL EDGES MUST BE BLOCKED UNLESS NOTED OTHERWISE	
MARK	WALL COVER	FASTENERS	INTERM. STUDS	SOLE PLATE CONN. (SEE NOTE #3)	RIM BOARD/BLKG CONN.	REMARKS	
(255#)	7/16" APA-RATED SHTG	0.131" x 2-1/2" F. RM. P-NAIL	6" O.C.	12" O.C.	16d @ 6" O.C. 1/2" x 6" TITAN HD @ 24" O.C.	A35	8d COMMON @ 6" O.C. SATISF. SUBST. FOR 0.131" F. RM. P-NAIL
(395#)	7/16" APA-RATED SHTG	0.131" x 2 1/2" FULL ROUND-HEAD P-NAIL	4" O.C.	12" O.C.	16d @ 4" O.C. 1/2" x 6" TITAN HD @ 24" O.C.	A35	8d COMMON NAIL OK SUBSTITUTE FOR ANY 0.131" (9 GA.) P-NAIL

HOLDOWN SCHEDULE					
MARK	HOLDOWN	FASTENERS	MARK	HOLDOWN	FASTENERS
0	NO SPECIAL HOLDOWN REQUIRED	CONNECT BTM. PL. TO FLR JST/EM/BLKG W/ 16d @ 4" O.C.	6	"PHD6-SDS3"	(16) SDS1/4x3 SCREWS 7/8" DIA ROD SET IN SET EPOXY W 3-7/8" EMBED
1	MSTA36 (2.05 kips)	(13) 10d COMMON NAILS AT EACH END @ 1 3/4" O.C. STAGG	7	"PHD6-SDS3"	(18) SDS1/4x3 SCREWS 7/8" DIA ROD SET IN SET EPOXY W 3-7/8" EMBED
2	MST37 (2.34 kips)	(11) 16d COMMON NAILS AT EACH END @ 1 3/4" O.C. STAGG	8	"H008-SDS3"	(20) SDS1/4x3 SCREWS (2) 2x6 POST REQ'D & 7/8" DIA ROD SET IN SET EPOXY W 3-7/8" EMBED
3	MST48 (3.63 kips)	(17) 16d COMMON NAILS AT EACH END @ 1 3/4" O.C. STAGG	9	"H0U1-SDS2.5"	(30) SDS1/4x2-1/2 SCREWS (2) 2x6 POST REQ'D & SIMPSON STRB28 & 1" DIA ANCHOR BOLT
4	"MST60" (4.83 kips)	(24) 16d COMMON NAILS AT EACH END @ 1 3/4" O.C.	10	"H0U14-SDS2.5"	(36) SDS1/4x2-1/2 SCREWS (2) 2x6 POST REQ'D & 1" DIA ANCHOR BOLT
5	"CMST12" (9.21 kips)	(44) 16d COMMON NAILS AT EACH END @ 1 3/4" O.C.	15	"TS22"	(9) 16d EACH END

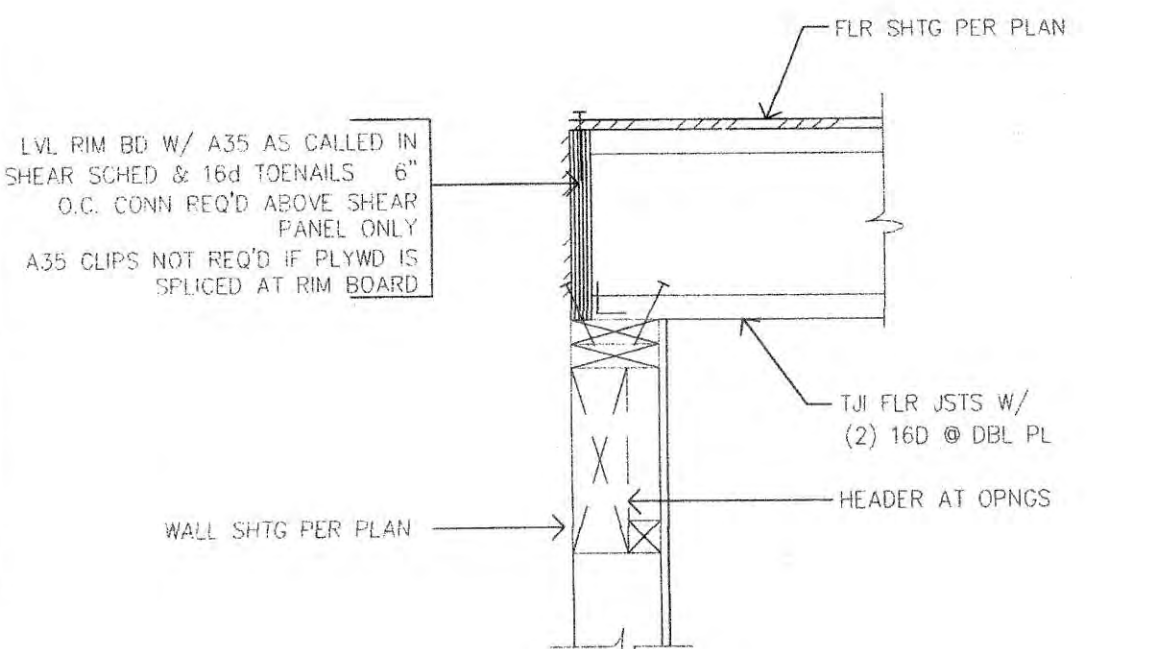
- NOTES:
1. DBL 2x SILL PLATE MAY BE SUBSTITUTED 3x PLATE IF THE ANCHOR BOLTS ARE DOUBLED
 2. BUILDER TO VERIFY ALL INSTALLATION REQUIREMENTS PER "SIMPSON" CATALOG FOR ALL HOLDOWN CONNECTIONS
 3. 3"x3"x1/4" PLATE WASHERS ARE REQUIRED AT ANCHOR BOLTS TO 2x MUDSILL PLATE
 4. AT EXISTING CONCRETE FOUNDATIONS, USE A307 THREADED ROD W/ SIMPSON SET EPOXY



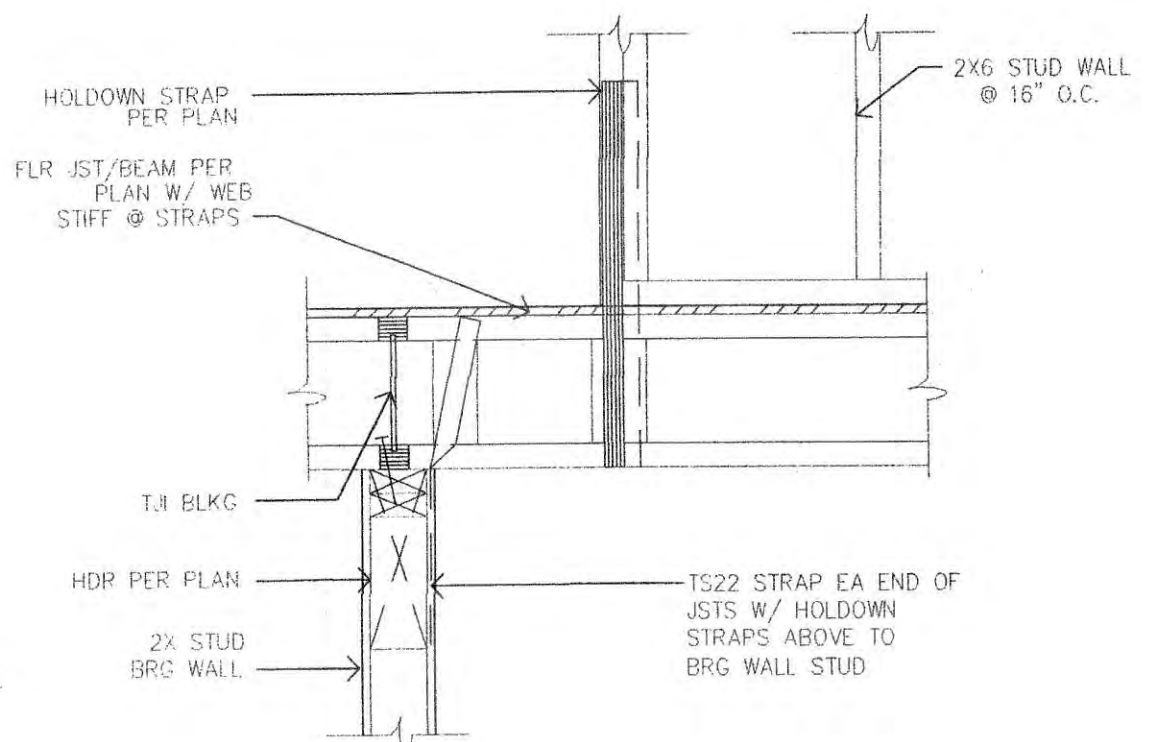
D8 HOLDOWN/EXIST CONC SLAB-ON-GRADE
HLD522 SCALE: 1" = 1'-0"



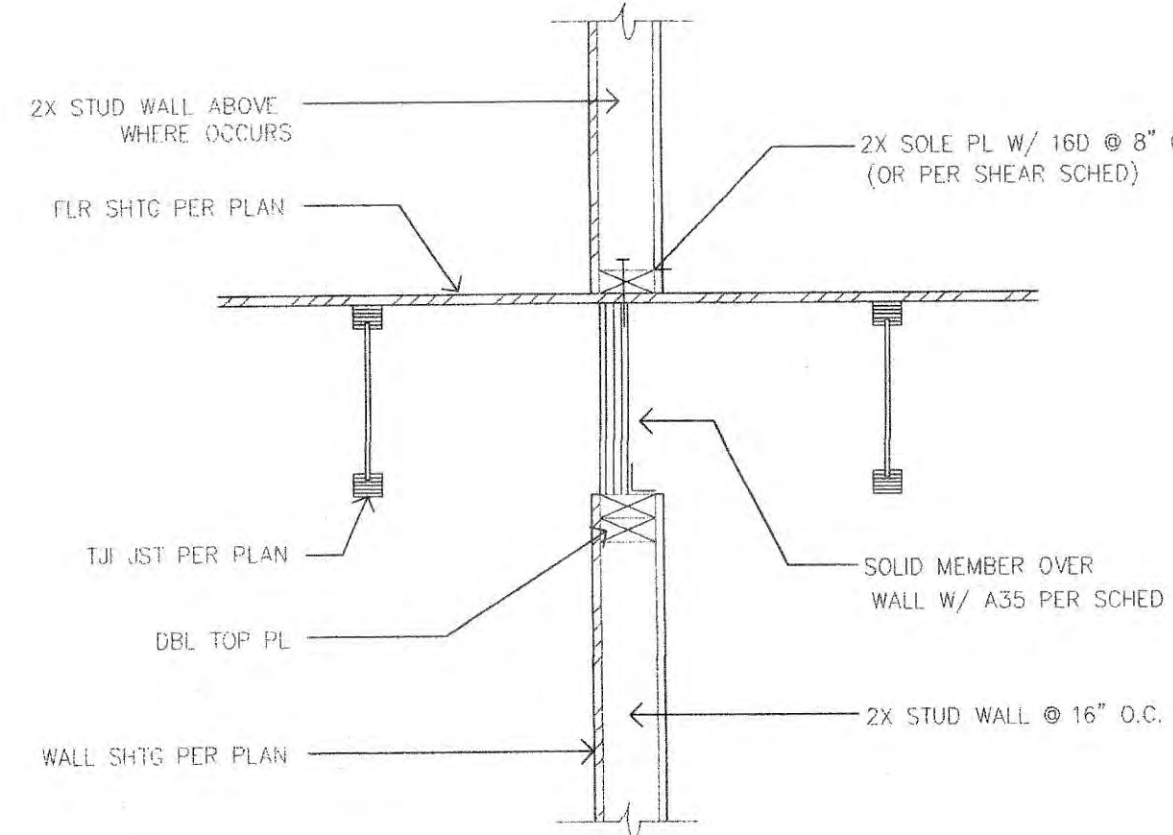
D4 TYP EXT WALL @ PERP JSTS
FLRT2 SCALE: 1" = 1'-0"



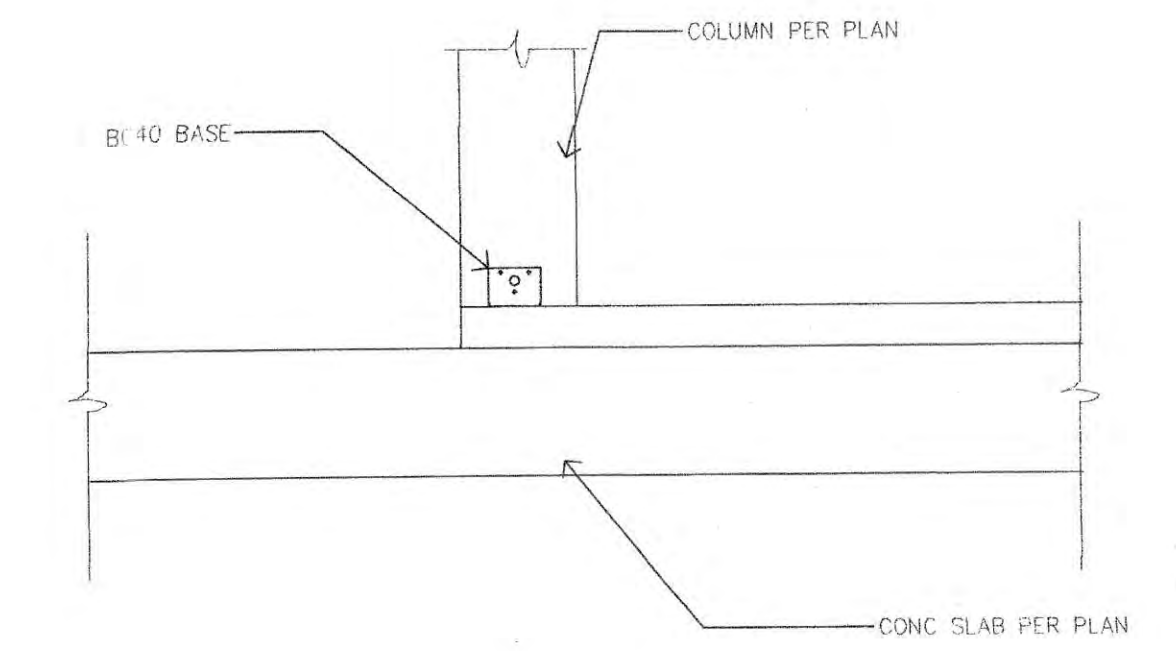
D11 TYP EXT WALL @ PERP JSTS
FLRT2 SCALE: 1" = 1'-0"



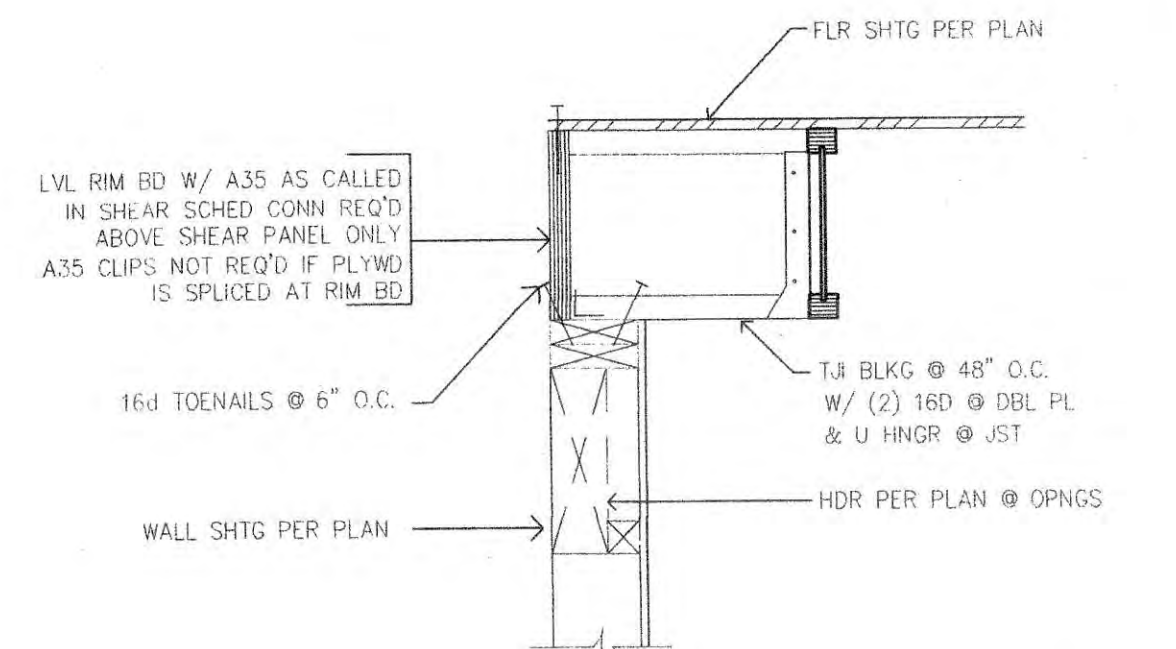
D7 STRAP/PARALLEL JST (BEAM)
HLD75 SCALE: 1" = 1'-0"



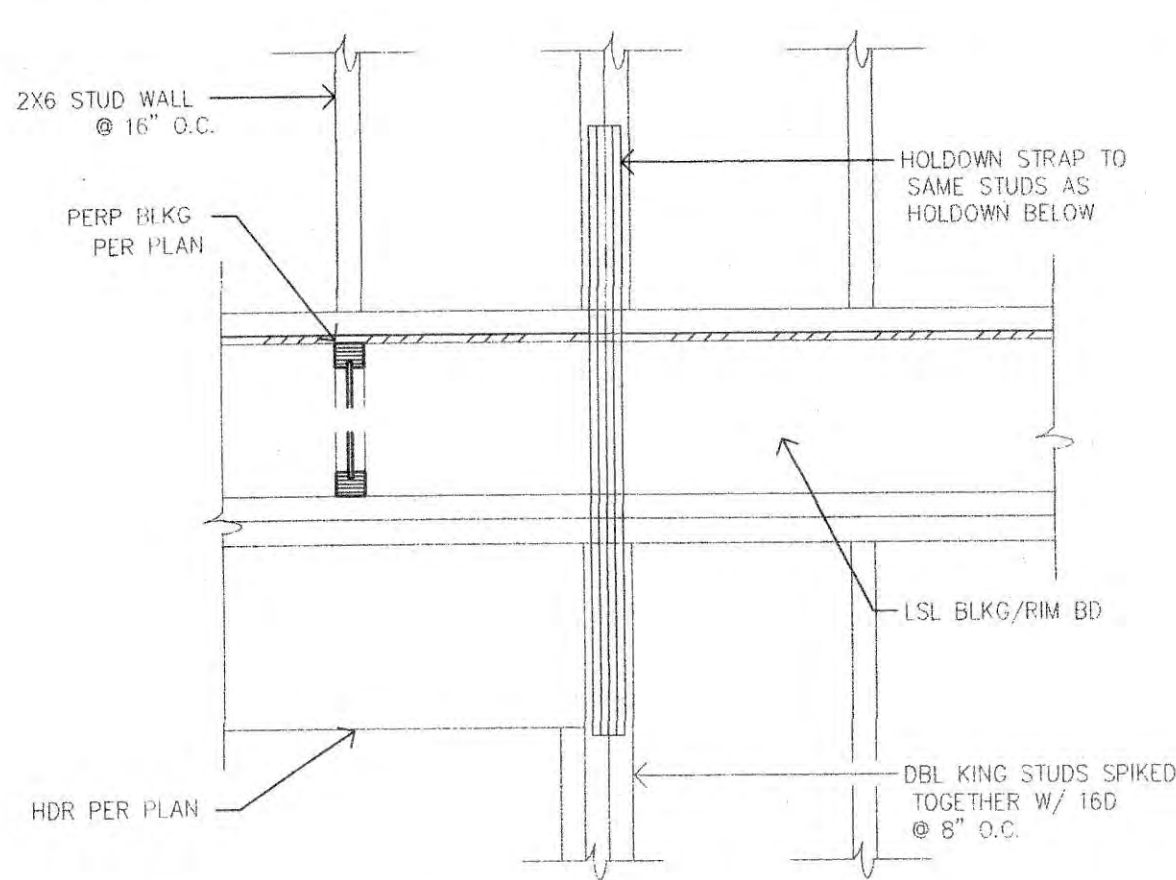
D3 PARALLEL SHEAR WALL TO FLOOR
FLRT6 SCALE: 1" = 1'-0"



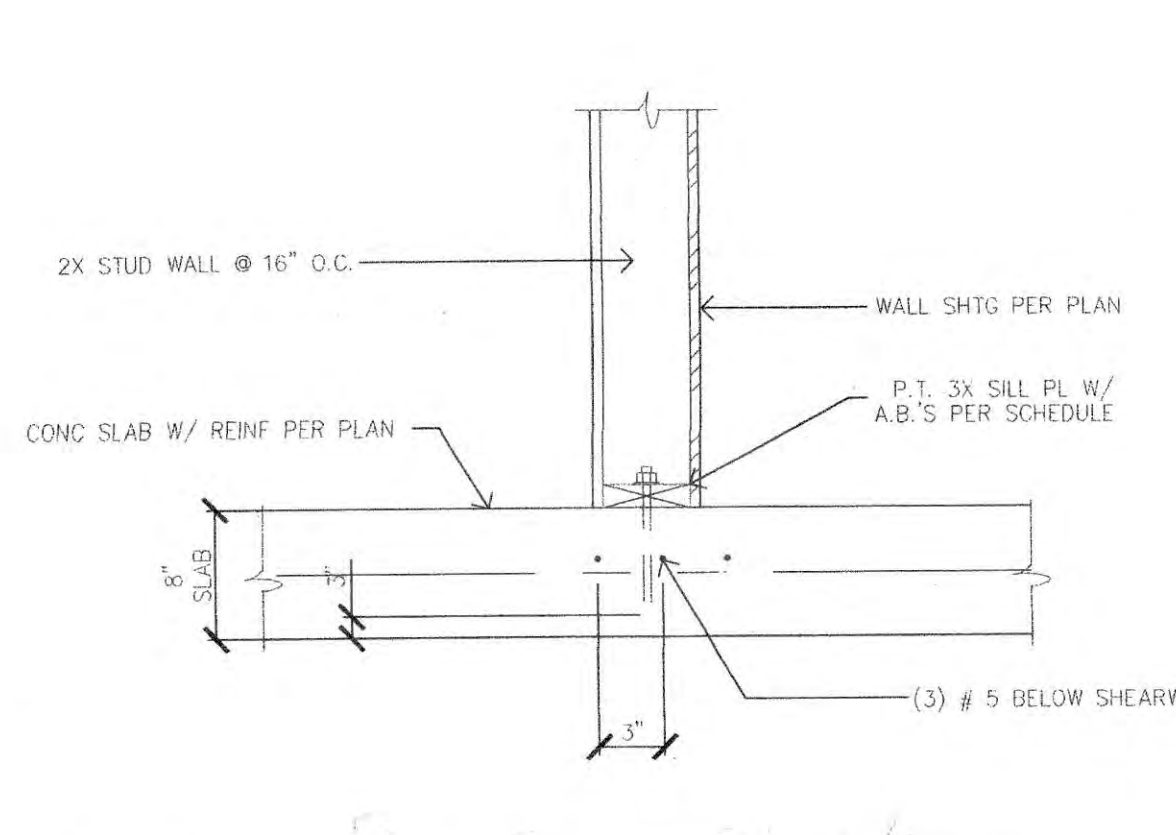
D13 POST BASE @ PLATE
FLRS8.1B SCALE: 1" = 1'-0"



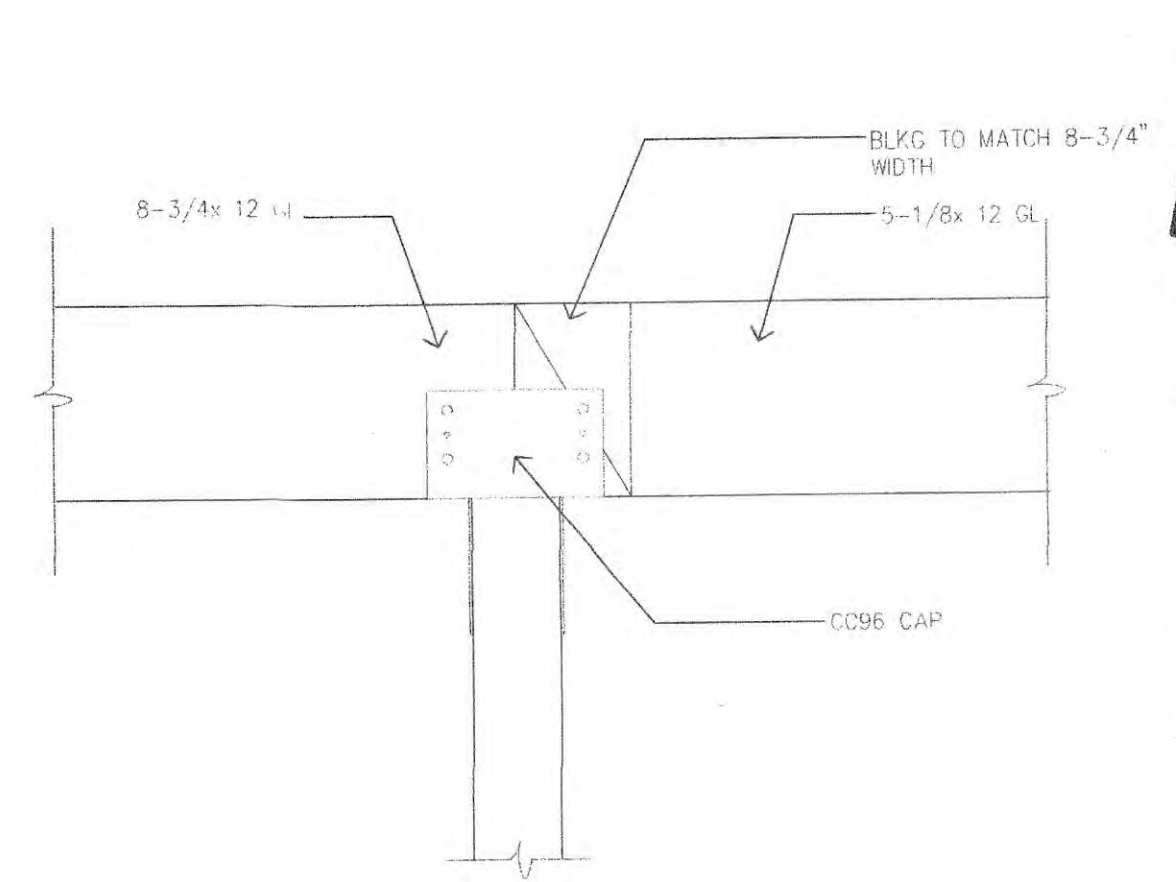
D10 TYP EXT WALL @ PARALLEL JSTS
FLRT2A SCALE: 1" = 1'-0"



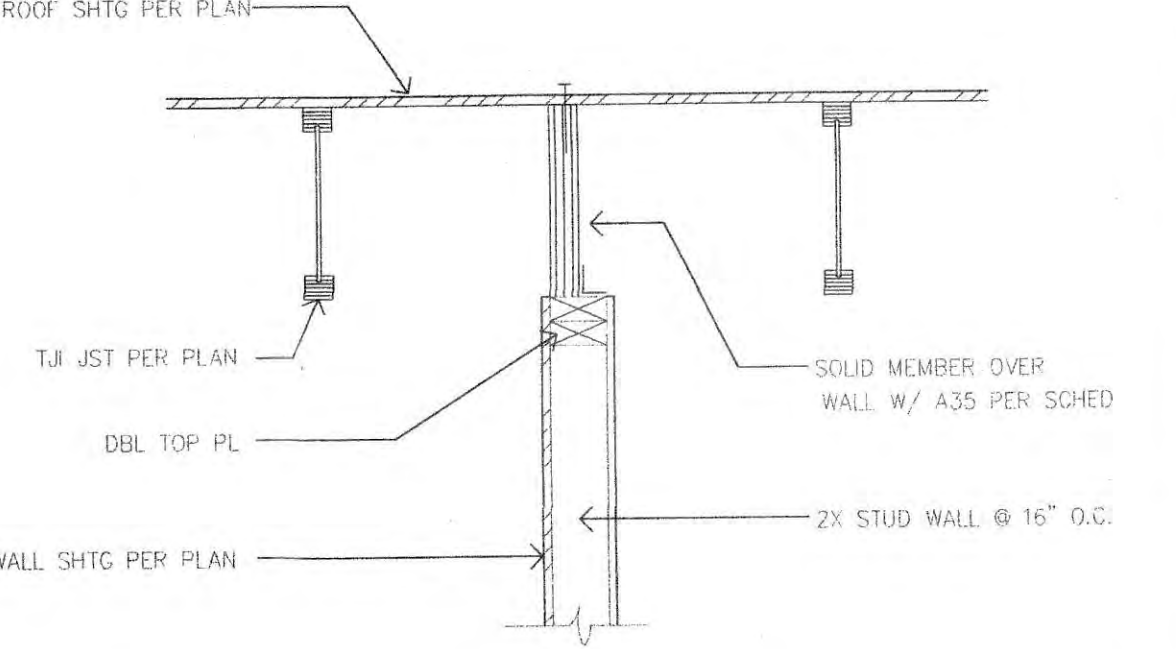
D6 WALL TO WALL HOLDOWN
HLD71A SCALE: 1" = 1'-0"



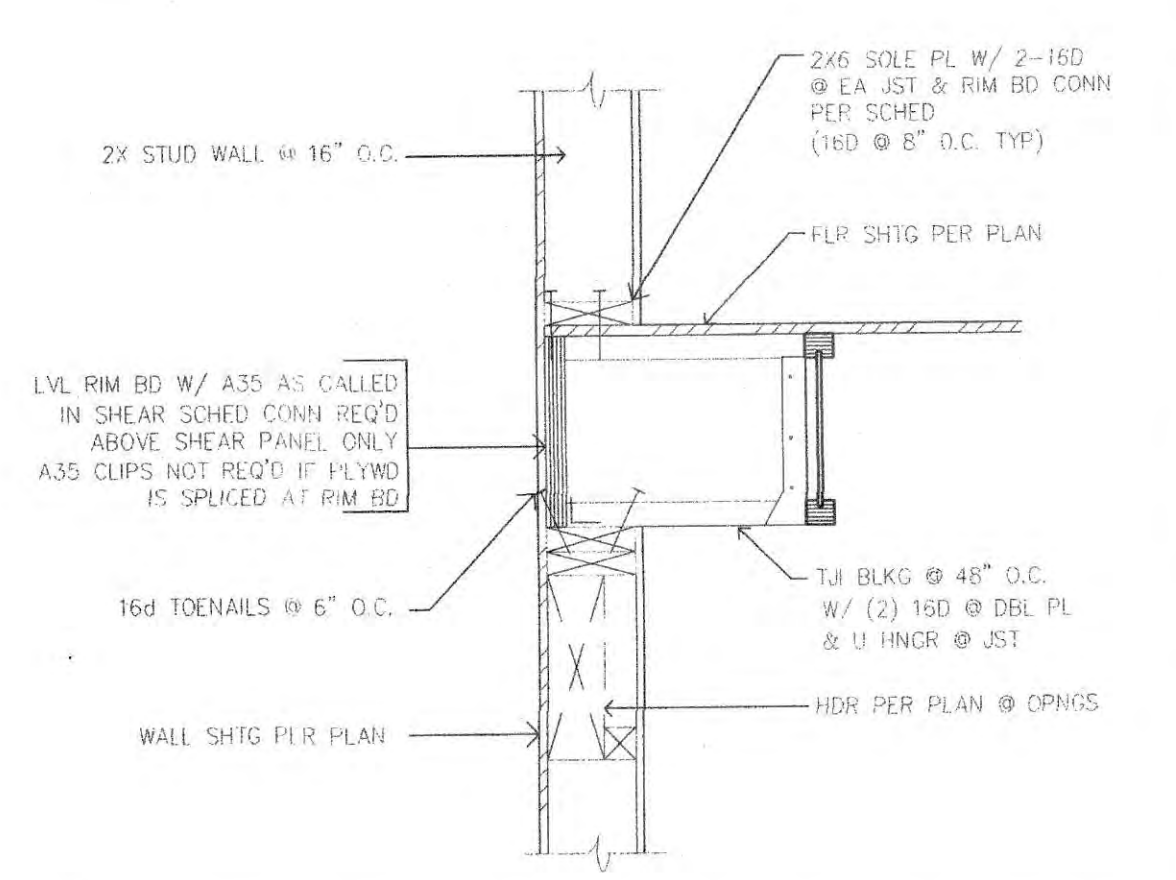
D2 SHEAR WALL @ CONC SLAB-ON-GRADE
HLD52C SCALE: 1" = 1'-0"



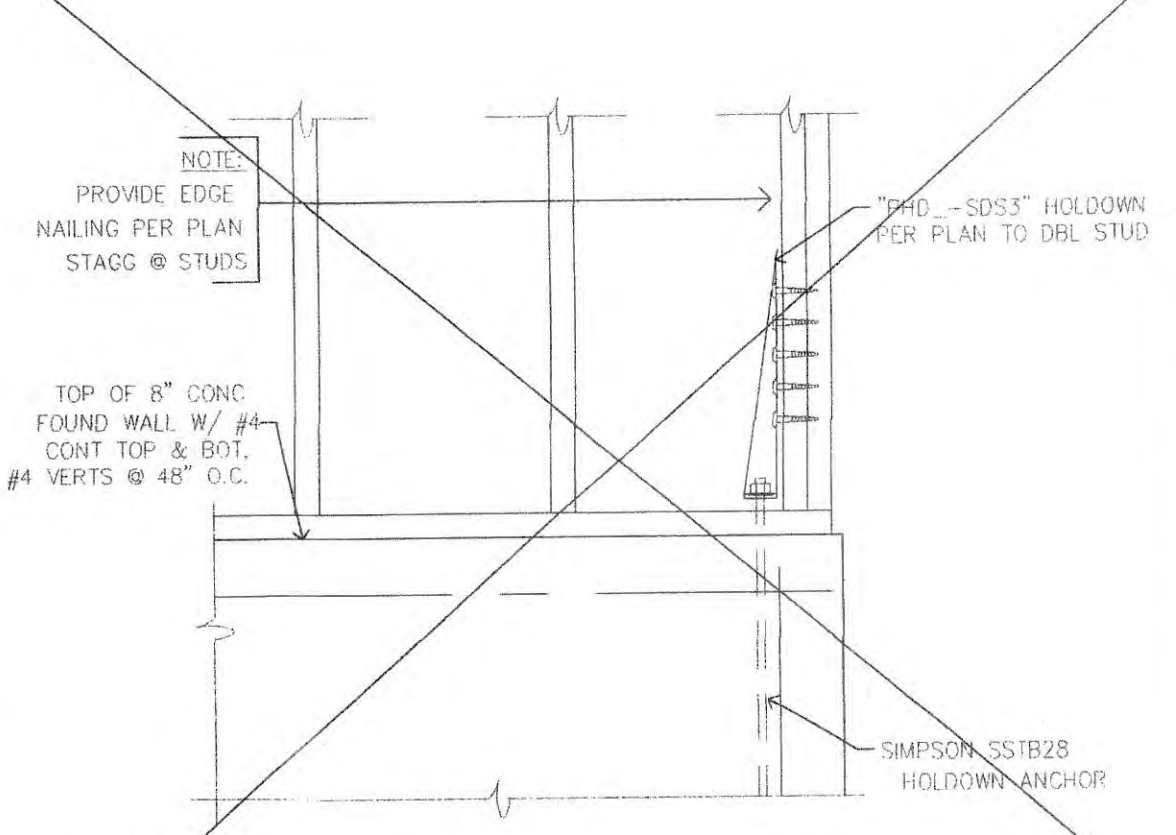
D12 POST CAP @ CEILING
FLRS8.1B SCALE: 1" = 1'-0"



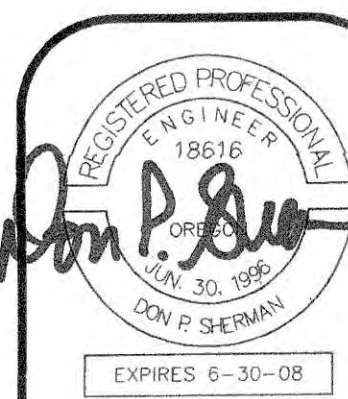
D9 PARALLEL SHEAR WALL TO FLOOR
FLRT6 SCALE: 1" = 1'-0"



D5 TYP EXT WALL @ PARALLEL JSTS
FLRT2A SCALE: 1" = 1'-0"



D1 HOLDOWN BOLT TO FOUND
HLDPHDX SCALE: 1" = 1'-0"



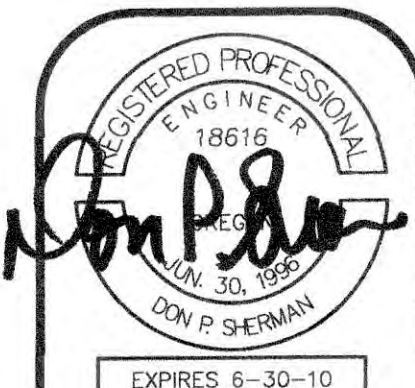
Sherman Engineering, Inc.
1410 NW KEARNEY ST. #517
Portland, OR 97209
(503) 230-8876 (503) 226-4745 fax

Project Title
SCAPPOOSE COMMERCIAL BLDG
FOR
DAVID ADAMS
COLUMBIA COUNTY OREGON

DETAIL SHEET		Revisions	
Sheet Description	ST	SC	Revisions
Sheet	S1	SC	1" = 1'-0"
Scale	1" = 1'-0"	Date	MAR 17, 2008
Drawn	BJF	Drawn	

S1
of

HEDGES CREEK MANAGEMENT TRUCK SHOP / OFFICE



SHERMAN ENGINEERING, INC.
1410 NW KEARNEY #517
Portland, OR 97209
(503) 230-8876 (503) 226-4745 fax

TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY OREGON

Project Title

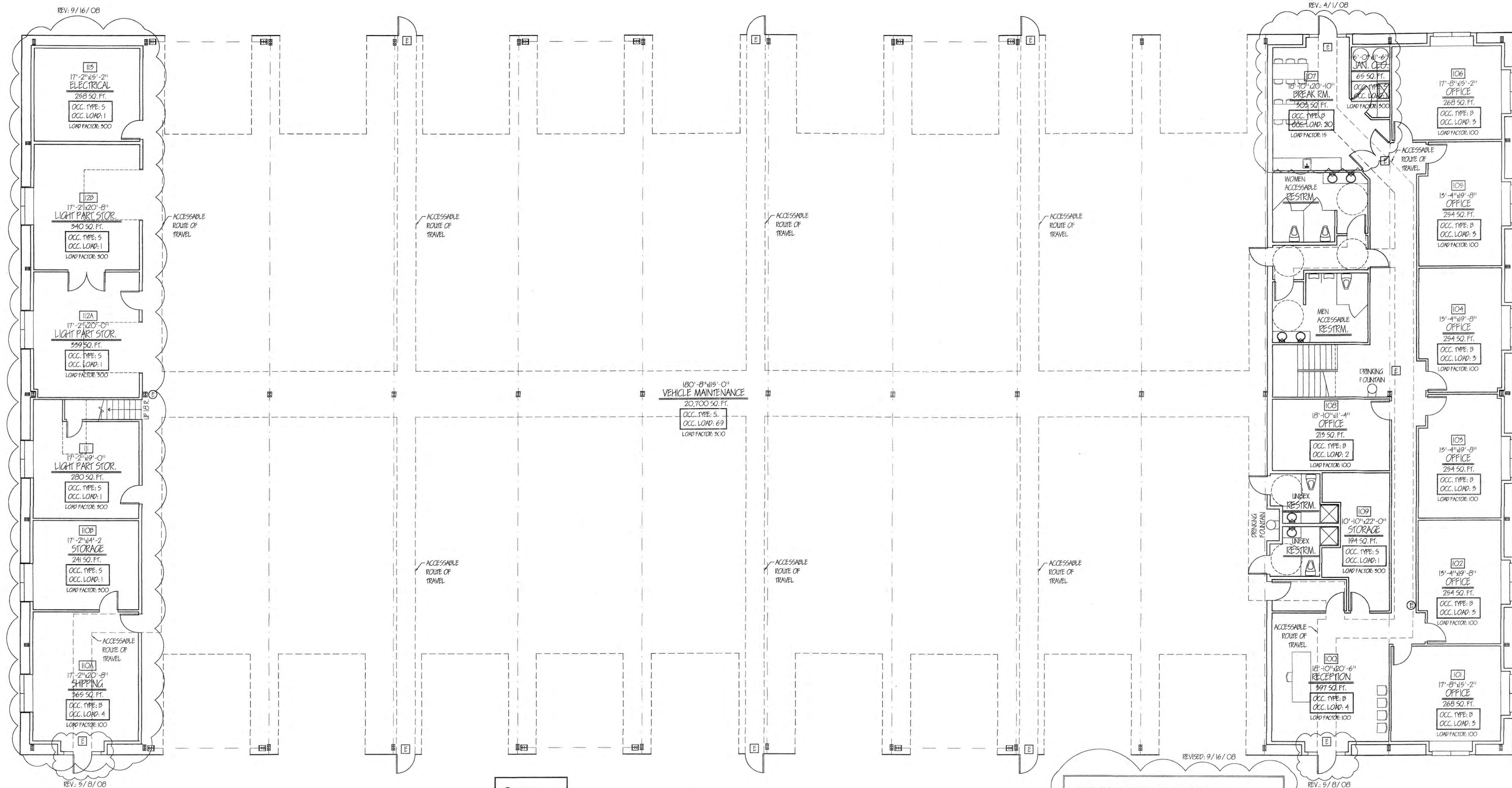
MAIN FLOOR
FIRE & LIFE-SAFETY PLAN

Sheet Description

Sheet

1

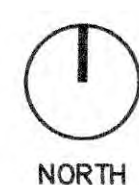
of 2



② EGRESS
③ EXIT W/ EGRESS

REVISED: 9/16/08
REVISED: 4/1/08
TOTAL MAIN FLOOR OCCUPANT LOAD: 124
MAIN FLOOR FIRE & LIFE-SAFETY PLAN

MAIN FLOOR VEHICLE MAINTENANCE AREA: 21,275 SQ. FT.
MAIN FLOOR ADMINISTRATIVE / SHIPPING OFFICE AREA: 4,763 SQ. FT.
MAIN FLOOR STORAGE / MECH. AREA / RESTROOM: 1,564 SQ. FT.
TOTAL MAIN FLOOR AREA: 27,600 SQ. FT.



NUMBER OF EXITS REQUIRED IN EACH ROOM OR AREA:
-PER OSCC TABLE 1015.1, B OCCUPANCY ROOMS WITH OCCUPANT LOAD OF 49 OR LESS REQUIRE ONE EXIT. 5-1 OCCUPANCY ROOMS WITH OCCUPANT LOAD OF 29 OR LESS REQUIRE ONE EXIT.

NUMBER OF EXITS PROVIDED IN EACH ROOM OR AREA:
-ONE EXIT IS PROVIDED FROM EACH ROOM WITHIN THE BUILDING.
-TWO EXITS PROVIDED TO EXTERIOR FROM ADMINISTRATIVE OFFICE SUITE.
-SIX EXITS PROVIDED FROM VEHICLE MAINTENANCE AREA TO EXTERIOR.
-ONE EXIT PROVIDED FROM SHIPPING OFFICE TO EXTERIOR.

LONGEST EXIT PATH IN EACH ROOM OR AREA:
-LONGEST EXIT PATH FROM ANY OFFICE IS 20'-0" TO HALLWAY.
-LONGEST EXIT PATH FROM ANY STORAGE ROOM IS 60'-0" TO HALLWAY.
-LONGEST EXIT PATH FROM VEHICLE MAINTENANCE AREA IS 65'-0"

LONGEST EXIT PATH ON EACH FLOOR:
-LONGEST EXIT PATH FROM FURTHEST MAIN FLOOR OFFICE / STORAGE ROOM IS 110'-0" TO EXTERIOR.
-LONGEST EXIT PATH FROM FURTHEST UPPER FLOOR OFFICE / STORAGE ROOM IS 145'-0"

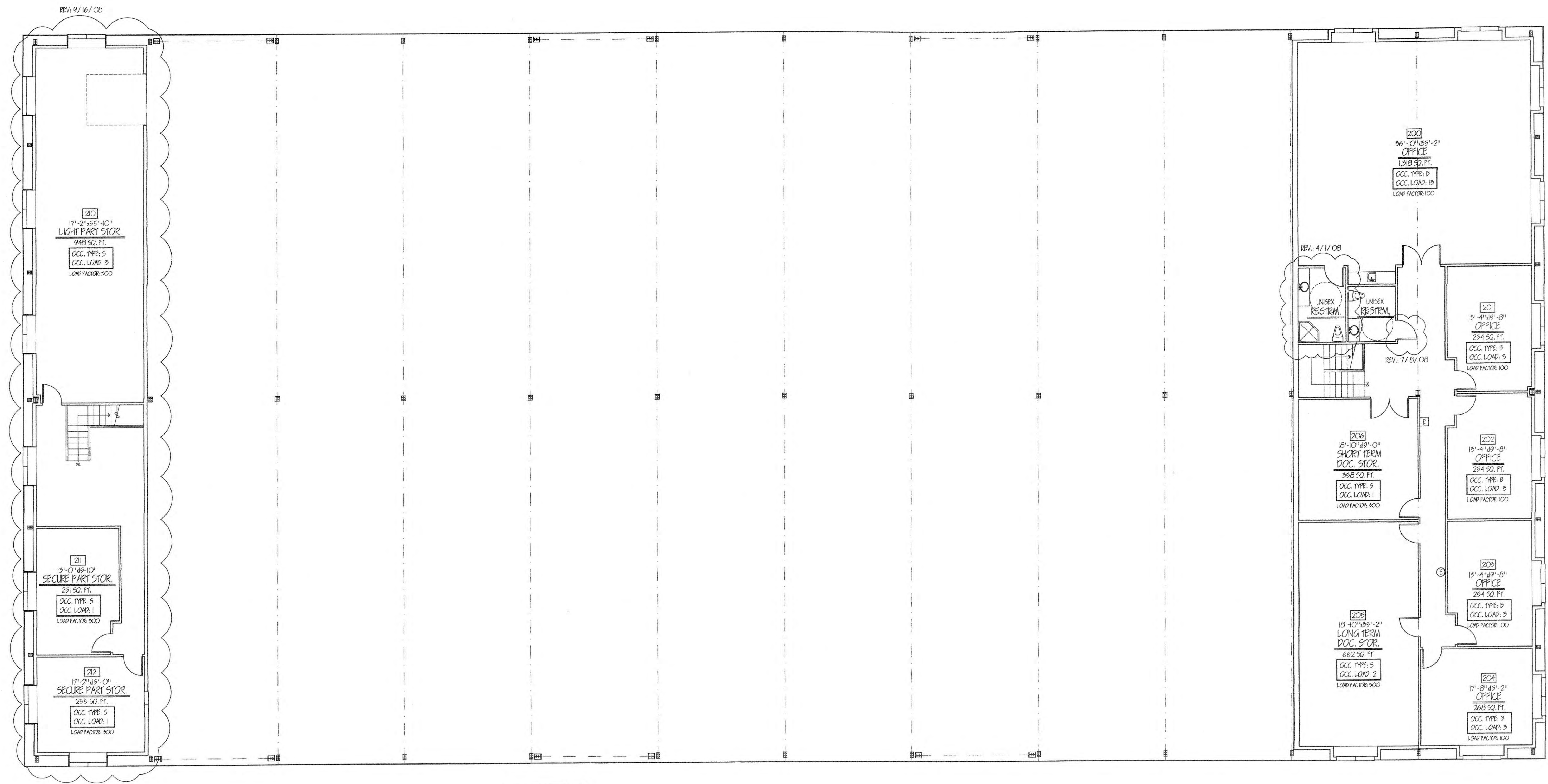
HEDGES CREEK MANAGEMENT
TRUCK SHOP / OFFICE



SHERMAN ENGINEERING, INC.
1410 NW KEARNEY #517
Portland, OR 97209
(503) 230-8876 (503) 230-4745 fax

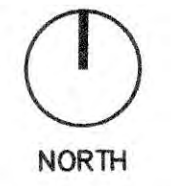
Project Title
TRUCK SHOP / OFFICE
FOR
HEDGES CREEK MANAGEMENT
COLUMBIA COUNTY OREGON

Sheet Description	UPPER FLOOR FIRE & LIFE-SAFETY PLAN	
	Revisions	Date
Job No.	1/DWA/08	1/14/08
Scale	1/8" = 1'-0"	1/4/08
Drawn	DWA	9/16/08



Ⓢ EGRESS
ⓔ EXIT W/ EGRESS

REV: 9/16/08
TOTAL UPPER FLOOR OCCUPANT LOAD: 33
UPPER FLOOR FIRE & LIFE-SAFETY PLAN
UPPER FLOOR ADMINISTRATIVE OFFICE AREA: 2,663 SQ. FT.
UPPER FLOOR STORAGE AREA: 3,548 SQ. FT.
TOTAL UPPER FLOOR AREA: 6,216 SQ. FT.
1/8" = 1'-0"



SHERMAN ENGINEERING, INC
1410 NW KEARNEY #517, PTLD, OR 97209

BeamChek v2007 licensed to: SHERMAN ENGINEERING, INC Reg # 7992-66413

HEDGES CREEK SHOP BLDG

WELL HOUSES

ROOF BEAM

Prepared by: DPS

Date: 2/23/09

Selection

4x 12 DF-L #2

Lu = 0.0 Ft

Conditions

NDS 2005

Min Bearing Area R1 = 1.2 in² R2 = 1.2 in² (1.5) DL Defl = 0.09 in

Data

Beam Span	12.0 ft	Reaction 1 LL	450 #	Reaction 2 LL	450 #
Beam Wt per ft	9.57 #	Reaction 1 TL	777 #	Reaction 2 TL	777 #
Bm Wt Included	115 #	Maximum V	777 #		
Max Moment	4492 #	Max V (Reduced)	768 #		
TL Max Defl	L / 240	TL Actual Defl	L / 854		
LL Max Defl	L / 360	LL Actual Defl	L / > 1000		

Attributes

	Section (in ³)	Shear (in ²)	TL Defl (in)	LL Defl
Actual	73.83	39.38	0.17	0.08
Critical	47.35	5.57	0.60	0.40
Status	OK	OK	OK	OK
Ratio	64%	14%	28%	21%

Values

	Fb (psi)	Fv (psi)	E (psi x mil)	Fc _⊥ (psi)
Reference Values	900	180	1.6	625
Adjusted Values	1139	207	1.6	625

Adjustments

CF Size Factor	1.100			
Cd Duration	1.15	1.15		
Cr Repetitive	1.00			
Ch Shear Stress		N/A		
Cm Wet Use	1.00	1.00	1.00	1.00
CI Stability	1.0000	Rb = 0.00	Le = 0.00 Ft	

Loads

Point LL	Point TL	Distance
900	B = 1440	6.0

