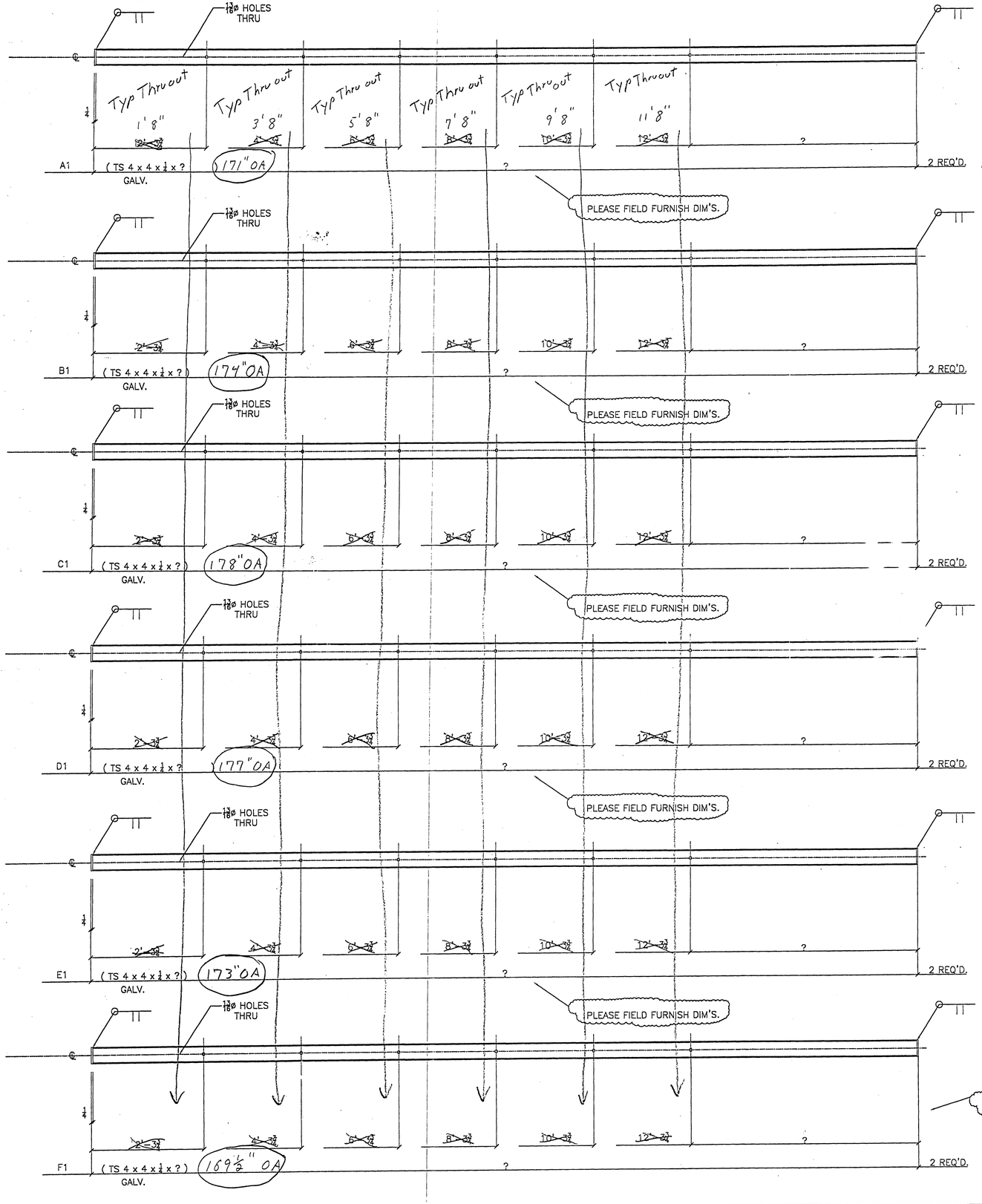


* weep holes required in the top and bottom plates

* weep holes may be required in tube at each end

7-9-02

SGA CORPORATION	DATE:	BY: DF

Reviewed for **General Acceptance only.** This review does not relieve Subcontractor of its responsibility to conform to Contract Documents. The Subcontractor is responsible for all dimensions, correct fabrication and accurate fit with the work of trades.

☐ No Exceptions ☒ Approved as Noted ☐ Revise & Resubmit

Pe

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A1	2			COLUMNS			GALV.
		a	2	TS 4 x 4 x 1/4	?	?	S2E
		b	4	PL 1/4 x 4		4	
B1	2			COLUMNS			GALV.
		c	2	TS 4 x 4 x 1/4	?	?	S2E
		b	4	PL 1/4 x 4		4	
C1	2			COLUMNS			GALV.
		d	2	TS 4 x 4 x 1/4	?	?	S2E
		b	4	PL 1/4 x 4		4	
D1	2			COLUMNS			GALV.
		e	2	TS 4 x 4 x 1/4	?	?	S2E
		b	4	PL 1/4 x 4		4	
E1	2			COLUMNS			GALV.
		f	2	TS 4 x 4 x 1/4	?	?	S2E
		b	4	PL 1/4 x 4		4	
F1	2			COLUMNS			GALV.
		g	2	TS 4 x 4 x 1/4	?	?	S2E
		b	4	PL 1/4 x 4		4	

GENERAL NOTES:

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

RECEIVED
OCT 29 2002
PERMIT COUNTER

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒

REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY. ☐

NO EXCEPTIONS TAKEN ☒
NOTE MARKINGS ☐
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐

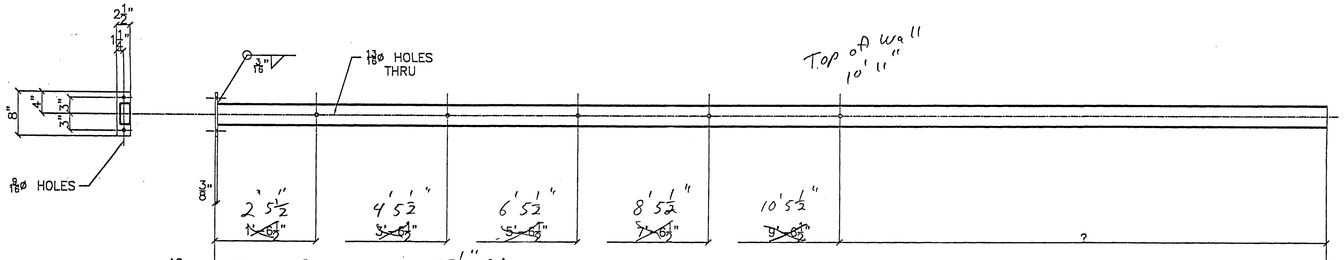
BY BRZ
DATE 7/12/02

COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
...tle, Washington 98101

Glenn's WELDING
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING B-1)
CONTRACTOR: SGA
DESCRIPTION: COLUMN DETAILS

Dwn. by: SEB | Chkd. by:
Scale N.T.S.
Date 6-28-02
Job No. | Sheet
02 F 17 | D1



A2	(TS 4 x 2 x 3/16 x ?)	155 1/2" OA	2 REQ'D.
B2A B2B,C,D	(TS 4 x 2 x 3/16 x ?)	163 1/4" OA 162" OA	1 3 — 2 REQ'D.
C2	(TS 4 x 2 x 3/16 x ?)	159 1/2" OA	ONE REQ'D.
D2	(TS 4 x 2 x 3/16 x ?)	158 1/4" OA	ONE REQ'D.
E2	(TS 4 x 2 x 3/16 x ?)	164 3/4" OA	ONE REQ'D.
F2	(TS 4 x 2 x 3/16 x ?)	164 3/4" OA	ONE REQ'D.
G2	(TS 4 x 2 x 3/16 x ?)	168 1/2" OA	ONE REQ'D.
H2	(TS 4 x 2 x 3/16 x ?)	168" OA	ONE REQ'D.
K2	(TS 4 x 2 x 3/16 x ?)	150" OA	2 REQ'D.
M2	(TS 4 x 2 x 3/16 x ?)	162 7/8" OA	ONE REQ'D.
N2	(TS 4 x 2 x 3/16 x ?)	159 3/4" OA	ONE REQ'D.
P2	(TS 4 x 2 x 3/16 x ?)	155 3/4" OA	ONE REQ'D.
R2	(TS 4 x 2 x 3/16 x ?)	156 OA	ONE REQ'D.

PLEASE FURNISH FIELD DIM'S.

Interior steel to be shop primed, typ.

DATE REC'D	DATE RET'D	REVIEWED BY
7/1/02	7/16/02	LA

- ☐ NO EXCEPTIONS TAKEN
- ☒ MAKE CORRECTIONS NOTED
- ☐ REVISE & RESUBMIT
- ☐ REJECTED

This shop drawing review is for general conformance with contract documents only and does not relieve the contractor of his responsibility for compliance with requirements of the drawings and specifications.

INTEGRUS ARCHITECTURE
720 Third Avenue, Suite 2300
Seattle, WA 98104-1825

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒

REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY. ☐

- NO EXCEPTIONS TAKEN ☒
- NOTE MARKINGS ☐
- COMMENTS ATTACHED ☐
- REVISE & RESUBMIT ☐

BY BRZ
DATE 7/12/02
COUGHLIN PORTER LUNDEEN, INC.
Structural Engineers
Bellingham, Washington 98101

RECEIVED
OCT 29 2002
PERMIT COUNTER

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A2	2			COLUMNS			
		a	2	TS 4 x 2 x 3/16	?	0	S1E
		b	2	PL 3/8 x 2 1/2		8	
B2	4			COLUMNS			
		c	4	TS 4 x 2 x 3/16	?	0	S1E
		b	4	PL 3/8 x 2 1/2		8	
C2	ONE			COLUMN			
		d	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
D2	ONE			COLUMN			
		e	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
E2	ONE			COLUMN			
		f	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
F2	ONE			COLUMN			
		g	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
G2	ONE			COLUMN			
		h	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
H2	ONE			COLUMN			
		k	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
K2	2			COLUMNS			
		m	2	TS 4 x 2 x 3/16	?	0	S1E
		b	2	PL 3/8 x 2 1/2		8	
M2	ONE			COLUMN			
		n	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
N2	ONE			COLUMN			
		p	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
P2	ONE			COLUMN			
		r	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	
R2	ONE			COLUMN			
		s	ONE	TS 4 x 2 x 3/16	?	0	S1E
		b	ONE	PL 3/8 x 2 1/2		8	

GENERAL NOTES:

REV	DECRIPTION	BY:	DATE:

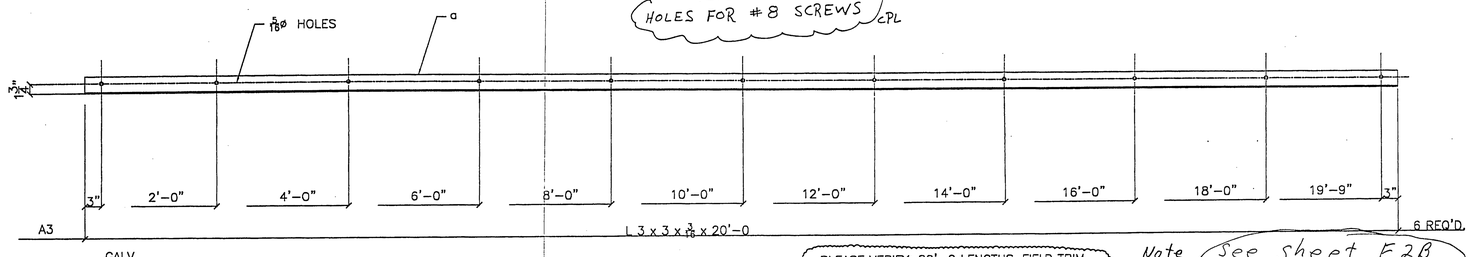
FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL:		AS BUILT:

Glenn's WELDING
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING B-1)
CONTRACTOR: SGA
DESCRIPTION: STRONG-BACK COLUMNS

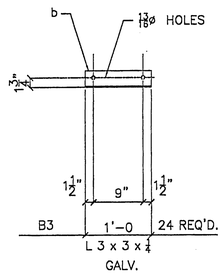
Dwn. by: SEB	Chkd. by:
Scale N.T.S.	
Date 6-28-02	
Job No.	Sheet
02 F 17	D2

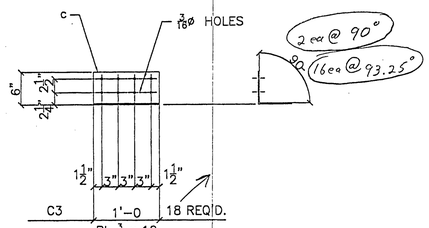
NOTE:
FIELD LOCATE 5/8ø HOLES AT COLUMNS.
VERIFY HOLES FOR #8 SCREWS cPL

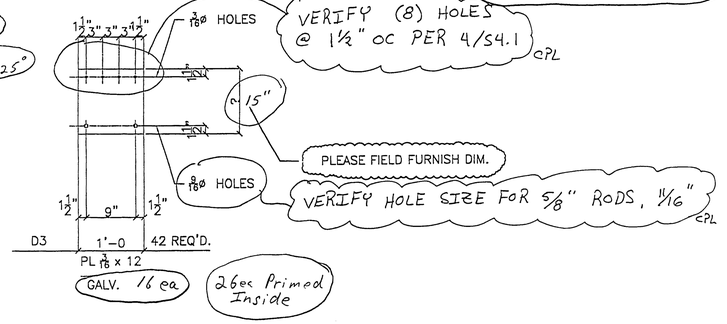


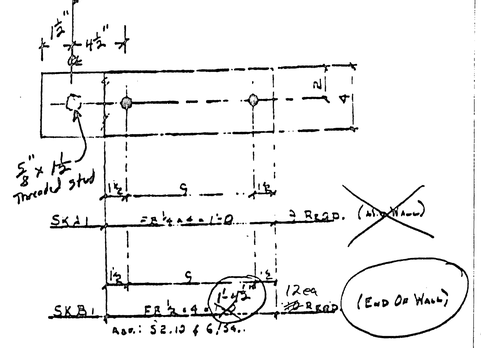
PLEASE VERIFY: 20'-0 LENGTHS, FIELD TRIM.

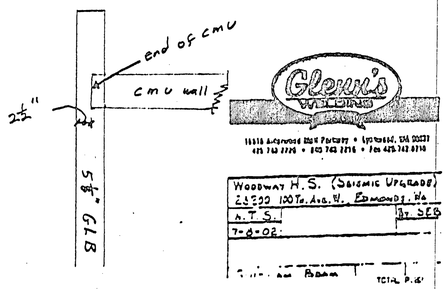
Note See Sheet E2B For Column Layout

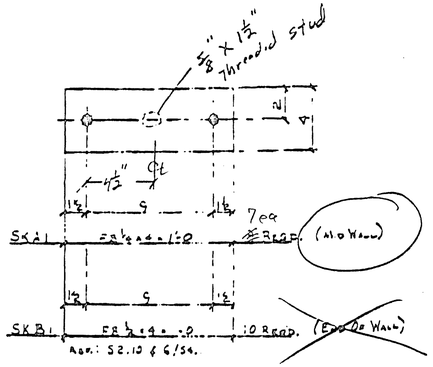












Glenn's WELDING
16515 Alderwood Mall Parkway • Lynnwood, WA 98037
425 743 2226 • 800 743 2215 • Fax 425 742 5710

WOODWAY H.S. (Seismic Upgrade)
23200 100Th Ave. W. Edmonds, Wa.
N.T.S. By SEB
7-1-02

Glenn's WELDING
16515 Alderwood Mall Parkway • Lynnwood, WA 98037
425 743 2226 • 800 743 2215 • Fax 425 742 5710

WOODWAY H.S. (Seismic Upgrade)
23200 100Th Ave. W. Edmonds, Wa.
N.T.S. By SEB
7-1-02

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A3	6			ANGLES			GALV.
		a	6	L 3 x 3 x 3/16	20	0	
B3	24			ANGLES			GALV.
		b	24	L 3 x 3 x 3/16	1	0	
C3	18			CONNECTION PLATES			
		c	18	PL 3/16 x 12	1	0	BROKE @ 90
D3	42			GLB FILLER CONN. PLATES			GALV.
		d	42	PL 1/4 x 12	?	?	

GENERAL NOTES:

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

Glenn's WELDING
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL LOCATION: 23200 100TH. AVE. WEST EDMONDS, WA. 98020 (BUILDING B-1)	Dwn. by: SEB Chkd. by: Scale N.T.S. Date 7-1-02
CONTRACTOR: SGA	Job No. 02 F 17 / Sheet D3
DESCRIPTION: LEDGER ANGLES, MISC. CONN. PLATES & ANGLES	

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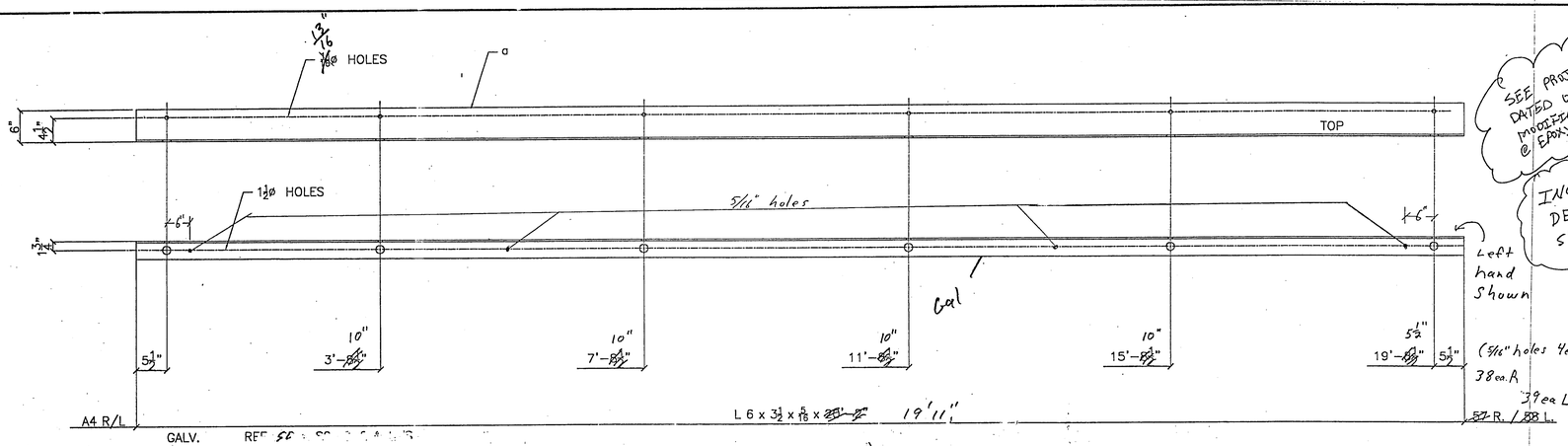
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY ERZ
DATE 7/12/02
DOUGHLIN PORTER LUNDEEN, INC.
Engineers
Washington 98101



SEE PROJECT RECORD DATED 07/12/02 FOR MODIFICATION TO HOLE SIZE @ EPOXY BOLTS

INCLUDE 4's PER DETAIL 15/S4.2 SEE BLDG. B-1

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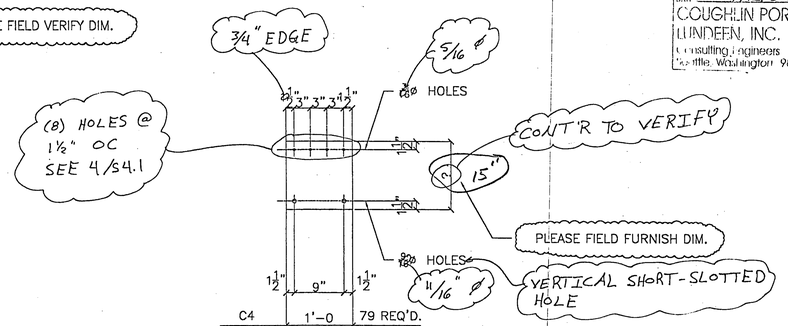
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY JRW
DATE 7/12/02
COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

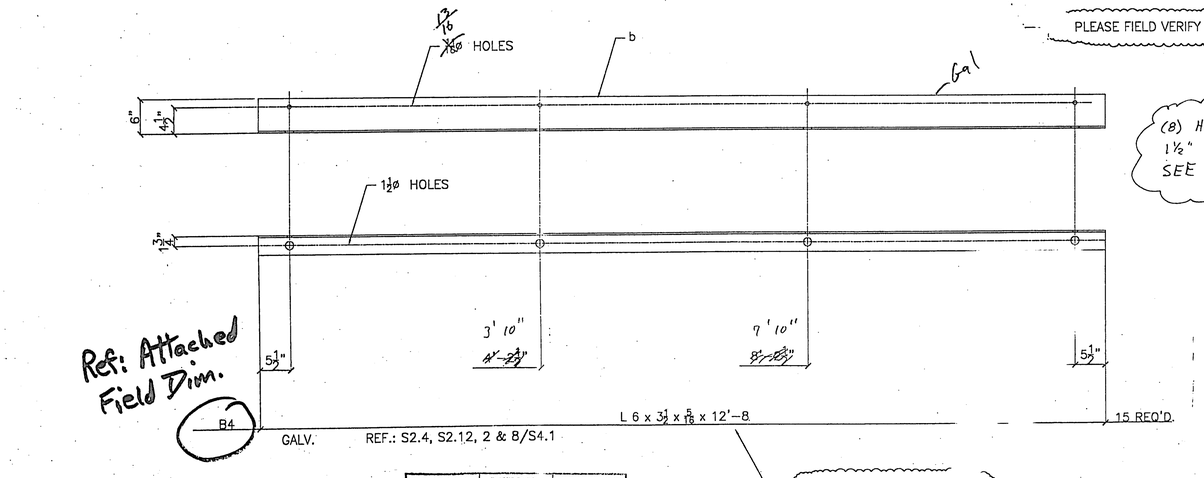
PLEASE FIELD VERIFY DIM.



(8) HOLES @ 1½" OC SEE 4/S4.1

GALV. 64-gal 16 prim.

REF.: A5.0, 9/A9.0 & 4/S4.1



Ref: Attached Field Dim.

PLEASE FIELD VERIFY D

CONT'R TO VERIFY DIMS TYP.

Interior steel to be shop primed, typ.

DATE REC'D	DATE RET'D	REVIEWED BY
7/11/02	7/16/02	LG

☐ NO EXCEPTIONS TAKEN
☒ MAKE CORRECTIONS NOTED
☐ REVISE & RESUBMIT
☐ REJECTED

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INTEGRUS ARCHITECTURE
720 Third Avenue, Suite 2300
Seattle, WA 98104-1925

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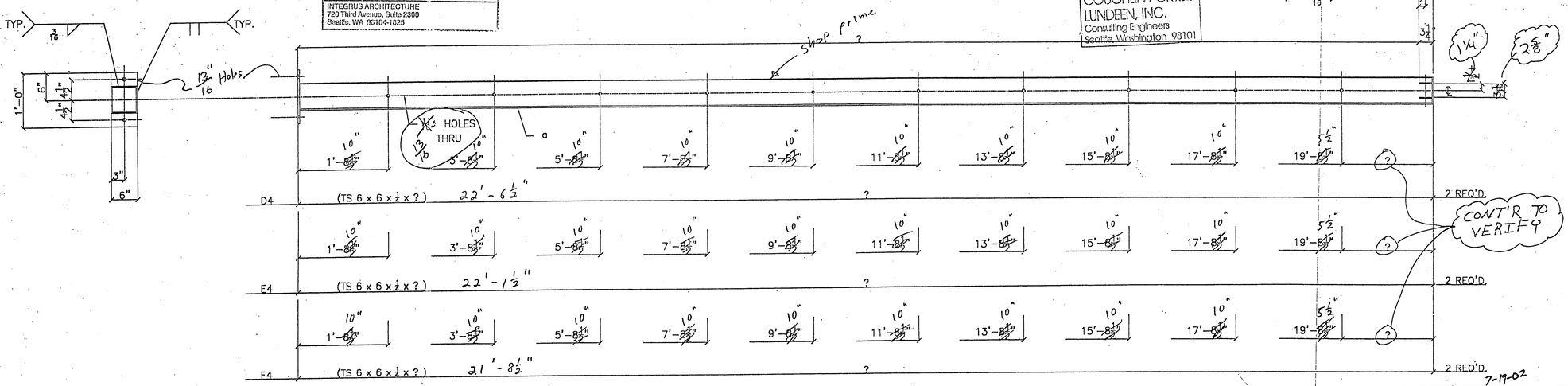
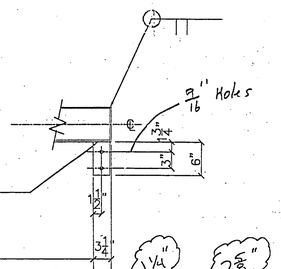
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY TRW
DATE 07/12/02
COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101



CONT'R TO VERIFY

PLEASE FIELD FURNISH DIM'S.



SGA CORPORATION | DATE: | BY:
Reviewed for General Acceptance only. This review does not relieve Subcontractor of its responsibility to conform to Contract Documents. The Subcontractor is responsible for all dimensions, correct fabrication and accurate fit with the work of trades.
☐ No Exceptions ☑ Approved as Noted ☐ Revise & Resubmit

RECEIVED
OCT 29 2002
PERMIT COUNTER

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A4R/L	115			STRONG-BACK ANGLES			(57) R. GALV. (58) L.
		a	115	L 6 x 3 1/2 x 5/16	20	2	
B4	15			STRONG-BACK ANGLES			GALV.
		b	15	L 6 x 3 1/2 x 5/16	12	8	
C4	79			GLB FILLER CONN. PLATES			GALV.
		c	79	PL 1/4 x 12	?	?	
D4	2			STRONG-BACK COLUMNS			
		d	2	TS 6 x 6 x 1/4	?	?	
		e	2	FB 3/8 x 6	1	0	
		f	2	FB 1/4 x 6		6	
		g	4	FB 1/4 x 4		6	
E4	2			STRONG-BACK COLUMNS			
		h	2	TS 6 x 6 x 1/4	?	?	
		e	2	FB 3/8 x 6	1	0	
		f	2	FB 1/4 x 6		6	
		g	4	FB 1/4 x 4		6	
F4	2			STRONG-BACK COLUMNS			
		k	2	TS 6 x 6 x 1/4	?	?	
		e	2	FB 3/8 x 6	1	0	
		f	2	FB 1/4 x 6		6	
		g	4	FB 1/4 x 4		6	

GENERAL NOTES:

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 - 800-743-2215 - Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST EDMONDS, WA. 98020 (BUILDING D)
CONTRACTOR: S. G. A.
DESCRIPTION: STRONG-BACK COLUMNS, STRONG-BACK ANGLES & MISC. CONN. PLATES

Dwn. by: SEB | Chkd. by:
Scale N.T.S.
Date 7-2-02
Job No. 02 F 17
Sheet D4

B4 Field Dim

Note (3ea) 5/16" holes

Last hole to Be 5½" From This End

1ea R — 87" — Top

9ea L 10ea R — 104½"

1ea L — 126"

6ea L 6ea R — 130½"

8ea L 8ea R — 131½"

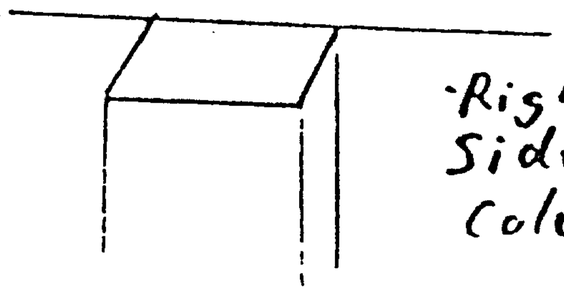
1ea R — 143"

2ea L 1ea R — 146"

8'-1"

4'-1"

5½"



Note All Bolt hole Location are Measured From top of Angle Down on above Measurements

B4 Field Dim.

Note (3ea) 5/16" holes

Bottom

79" — 1ea L

88" — 1ea L 1ea R

92" — 8ea L 8ea R

93½" — 1ea L 1ea R

107½" — 2ea L 2ea R

116" — 5ea L 6ea R

127½" — 1ea R

Last hole to Be 5½" From Top of pole

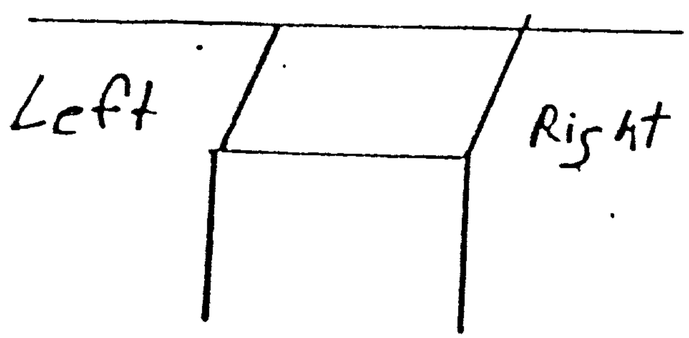
5½"

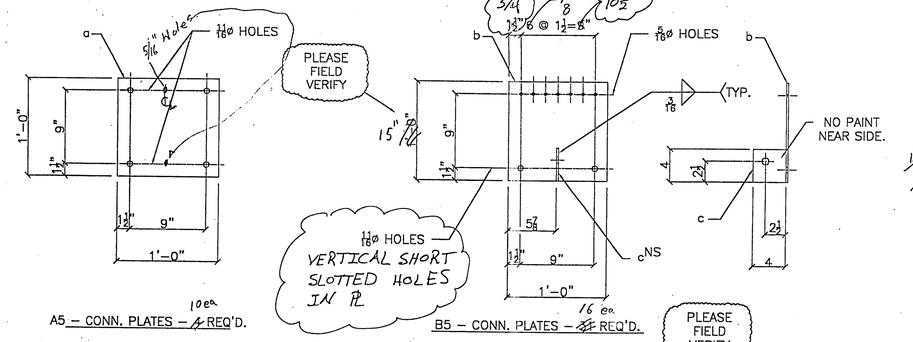
3'10"

7'10"

Hole Locations from Bottom of ~~Pole~~ on above Measurements

Angle



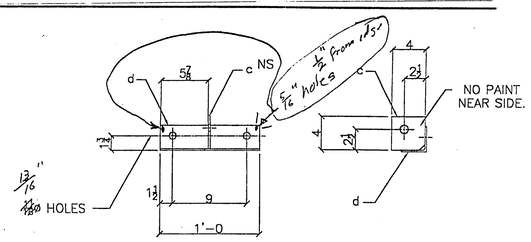


10 ea
A5 – CONN. PLATES – ~~4~~ REQ'D.

REF.: S2.4, S2.12 & 22/S4.2

16 ea
B5 – CONN. PLATES – ~~31~~ REQ'D.

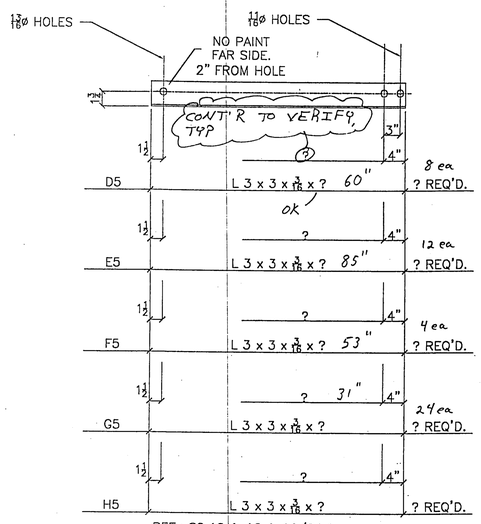
REF.: S2.12, 12/S4.1 & 18/S4.2



25 ea
C5 – CONN. ANGLES – ~~37~~ REQ'D.

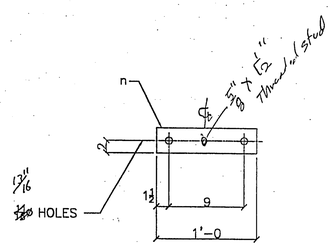
PLEASE FIELD VERIFY

REF.: S2.12 , 16/S4.1 & 24/S4.2



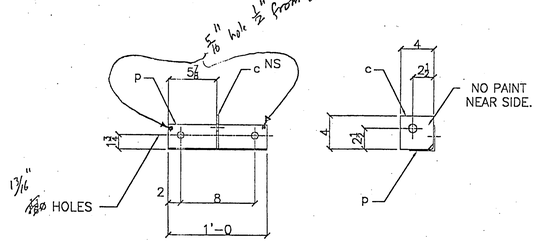
REF.: S2.12 & 12 & 16/S4.1

Right Hand Shown



9 ea
K5 – WALL PLATES – ~~42~~ REQ'D.

REF.: S2.12 & 23/S4.2



ok.
M5 – CONN. ANGLES – 15 REQ'D.

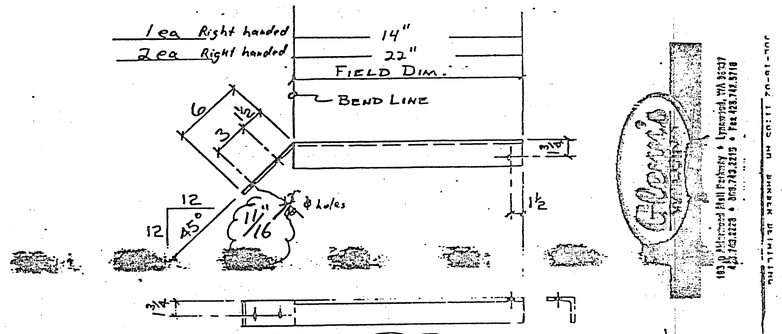
PLEASE FIELD VERIFY

REF.: S2.12 & 6/S4.2

PLEASE FIELD FURNISH LENGTHS

ARE THERE RIGHT HAND ~~& LEFT HAND~~

all Right hand



DETAIL FOR BENDING BRACE LEG

7-16-02 By: SEB

REF.: 12/S4.1

ST #5

Alderwood Primary

RECEIVED
OCT 29 2002
PERMIT COUNTER

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒

REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY ☐

NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY TRW
DATE 7/12/02

COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A5	4			CONN. PLATES			
		a	4	PL 1/4 x 12	1	0	
B5	31			CONN. PLATES			
		b	31	PL 1/4 x 12	1	0	
		c	31	PL 1/4 x 4		4	
C5	37			CONN. ANGLES			
		d	37	L 3 x 3 x 3/16	1	0	
		c	37	PL 1/4 x 4		4	CLIP 1 CORNER
D5	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
E5	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	
F5	?			BRACE			
		h	?	L 3 x 3 x 3/16	?	?	
G5	?			BRACE			
		k	?	L 3 x 3 x 3/16	?	?	
H5	?			BRACE			
		m	?	L 3 x 3 x 3/16	?	?	
K5	42			WALL PLATES			
		n	42	FB 1/4 x 4	1	0	
M5	15			CONN. ANGLES			
		p	15	L 3 x 3 x 3/16	1	0	
		c	15	PL 1/4 x 4		4	CLIP 1 CORNER

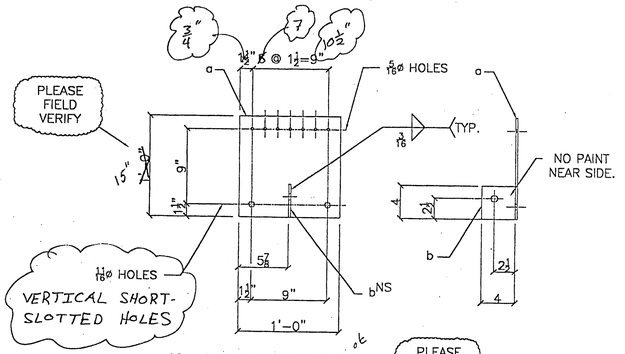
GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

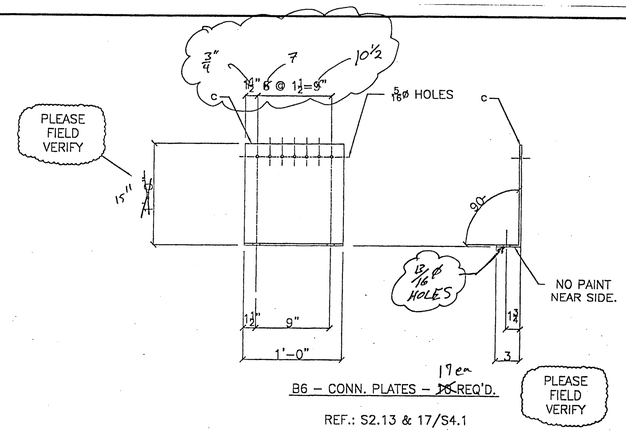
JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING 'D')
CONTRACTOR: S. G. A.
DESCRIPTION: MISC. CONN. PLATES & ANGLES & BRACES

Dwn. by: SEB | Chkd. by:
Scale N.T.S.
Date 7-3-02
Job No. | Sheet
02 F 17 | D5



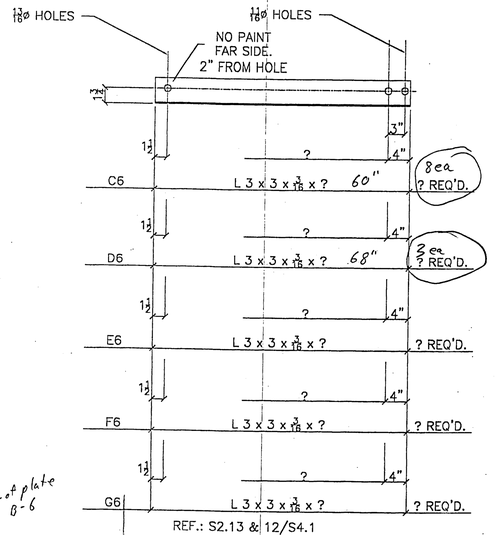
A6 – CONN. PLATES – 10 REQ'D.

REF.: S2.13, 12/S4.1 & 18/S4.2



B6 – CONN. PLATES – ~~18~~ REQ'D.

REF.: S2.13 & 17/S4.1



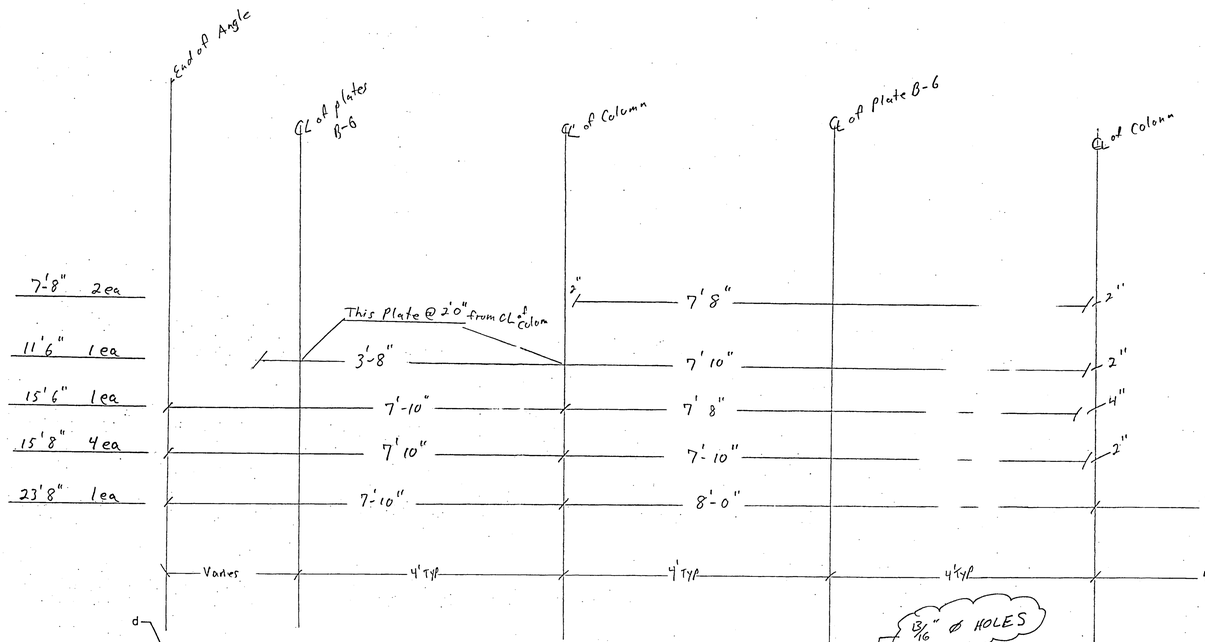
REF.: S2.13 & 12/S4.1

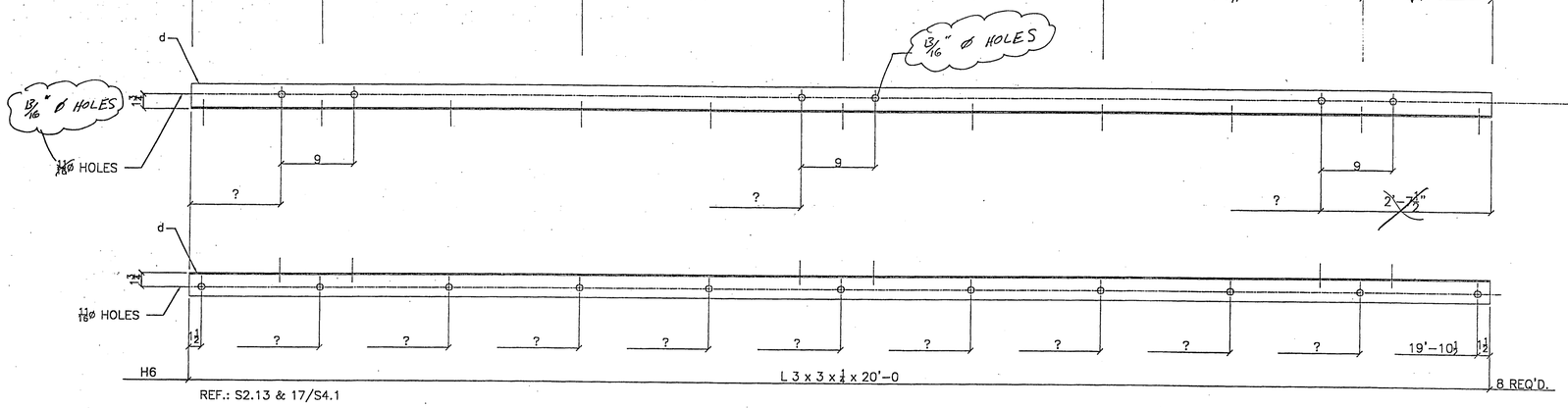
Right hand Shown

PLEASE FIELD FURNISH LENGTHS

ARE THERE RIGHT HAND ~~& LEFT HAND~~

all Right hand





REF.: S2.13 & 17/S4.1

PLEASE FURNISH HOLE SPACIG

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A6	10			CONN. PLATES			
		a	10	PL 1/4 x 12	1	0	
		b	10	PL 1/4 x 4		4	
B6	31			CONN. PLATES			
		c	31	PL 1/4 x 12	1	3	BROKE @ 90
C6	?			BRACE			
		d	?	L 3 x 3 x 3/16	?	?	
D6	?			BRACE			
		e	?	L 3 x 3 x 3/16	?	?	
E6	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
F6	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	
G6	?			BRACE			
		h	?	L 3 x 3 x 3/16	?	?	
H6	8			LEDGER ANGLES			
		k	8	L 3 x 3 x 3/16	20	0	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

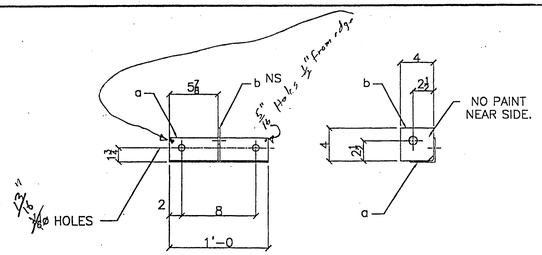
REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425–743–2226 – 800–743–2215 – Fax. 425–742–5710

JOB NAME: WOODWAY HIGH SCHOOL LOCATION: 23200 100TH. AVE. WEST EDMONDS, WA. 98020 (BUILDING E)	Dwn. by: SEB Chkd. by: Scale N.T.S. Date 7-9-02
CONTRACTOR: S. G. A.	Job No. 02 F 17 Sheet D6
DESCRIPTION: MISC. CONN. PLATES & ANGLES & BRACES	

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒
REVIEWED FOR LOADS IMPOSED ON BASIS OF STRUCTURE ONLY ☐
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY JRW
DATE 7/12/02
COUGHLIN PORTER LUNDEEN INC.
Consulting Engineers
Seattle, Washington 98101

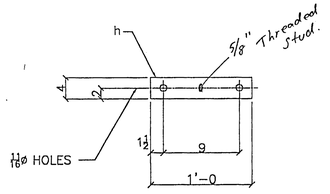
RECEIVED
OCT 22 2002
PERMIT COUNTER



5 ea
A7 – CONN. ANGLES – ~~8~~ REQ'D.

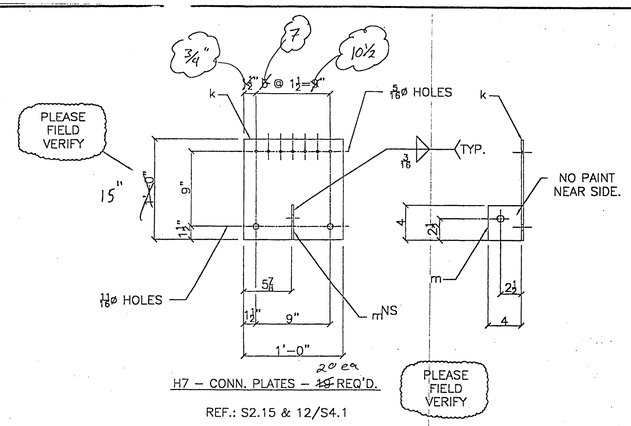
REF.: S2.15 & 6/S4.2

PLEASE FIELD VERIFY



1 ea
G7 – WALL PLATES – ~~12~~ REQ'D.

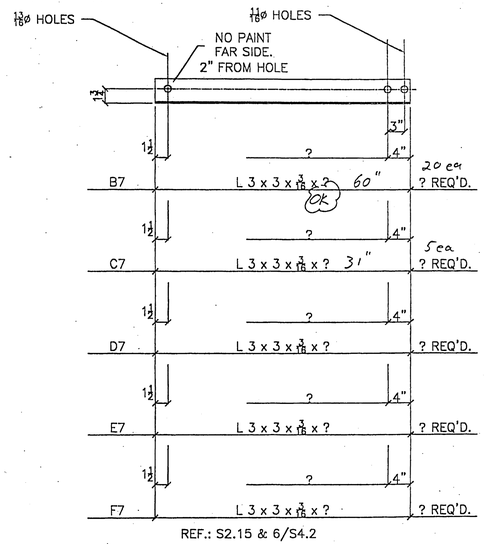
REF.: S2.15, 6 & 23/~~S4.2~~ S4.1



20 ea
H7 – CONN. PLATES – ~~15~~ REQ'D.

REF.: S2.15 & 12/S4.1

PLEASE FIELD VERIFY



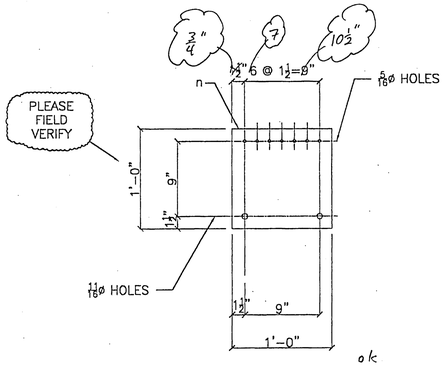
REF.: S2.15 & 6/S4.2

Right hand Shown

PLEASE FIELD FURNISH LENGTHS

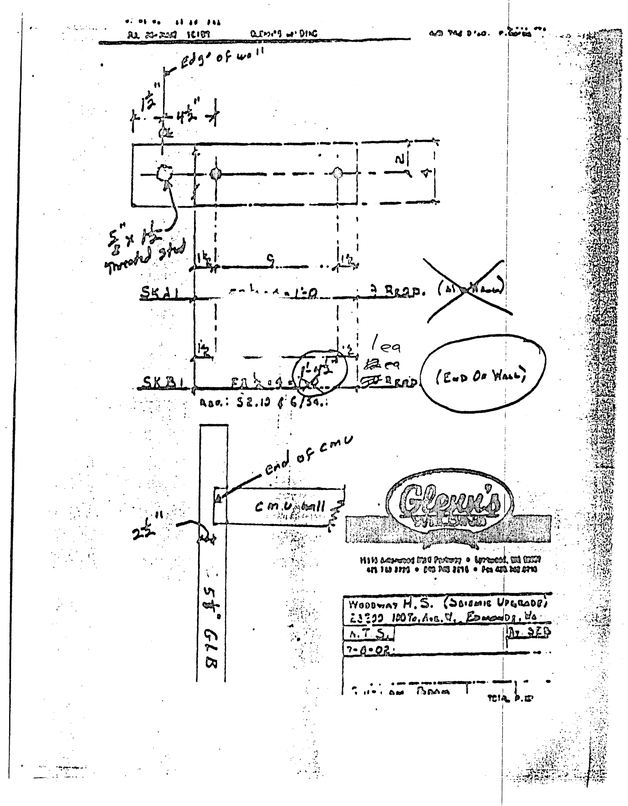
ARE THERE RIGHT HAND ~~& LEFT HAND~~
all Right hand

CONT'R TO VERIFY



ok
K7 – CONN. PLATES – 4 REQ'D.

REF.: S2.15 & 4/S4.1



BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A7	3			CONN. ANGLES			
		a	3	L 3 x 3 x 3/16	1	0	
		b	3	PL 1/4 x 4		4	CLIP 1 CORNER
B7	?			BRACE			
		c	?	L 3 x 3 x 3/16	?	?	
C7	?			BRACE			
		d	?	L 3 x 3 x 3/16	?	?	
D7	?			BRACE			
		e	?	L 3 x 3 x 3/16	?	?	
E7	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
F7	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	
G7	12			WALL PLATES			
		h	12	FB 1/4 x 4	1	0	
H7	19			CONN. PLATES			
		k	19	PL 1/4 x 12	1	0	
		m	19	PL 1/4 x 4		4	
K7	4			CONN. PLATES			
		n	4	PL 1/4 x 12	1	0	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

REV	DECRIPTION	BY:	DATE:

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL:		AS BUILT:

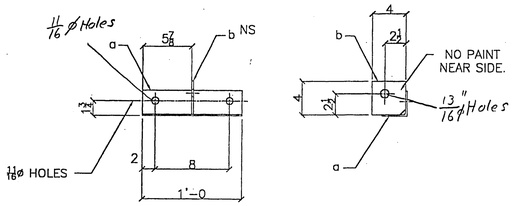
REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒
REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY ☐
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY JRW
DATE 7/12/02
COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

RECEIVED
OCT 29 2002
PERMIT COUNTER

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING G)
CONTRACTOR: S. G. A.
DESCRIPTION:
MISC. CONN. PLATES & ANGLES & BRACES

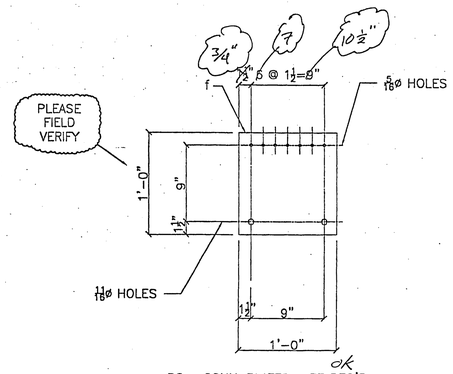
Dwn. by: SEB	Chkd. by:
Scale N.T.S.	
Date 7-9-02	
Job No.	Sheet
02 F 17	D7



14
A8 – CONN. ANGLES – ~~8~~ REQ'D.

PLEASE FIELD VERIFY

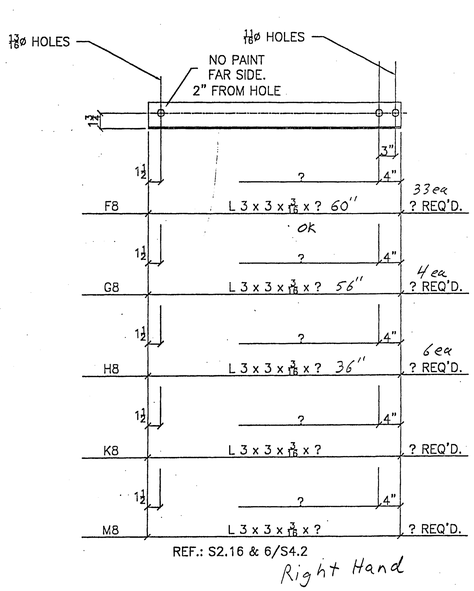
REF.: S2.16 & 6/S4.2



D8 – CONN. PLATES – 37 REQ'D.

OK

REF.: S2.16 & 4/S4.1

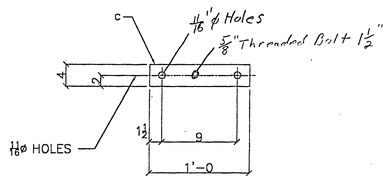


REF.: S2.16 & 6/S4.2

Right Hand

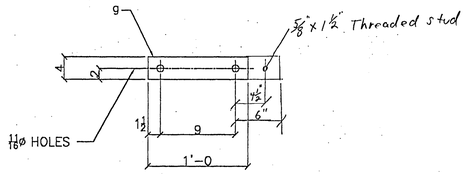
PLEASE FIELD FURNISH LENGTHS

ARE THERE RIGHT HAND & LEFT HAND



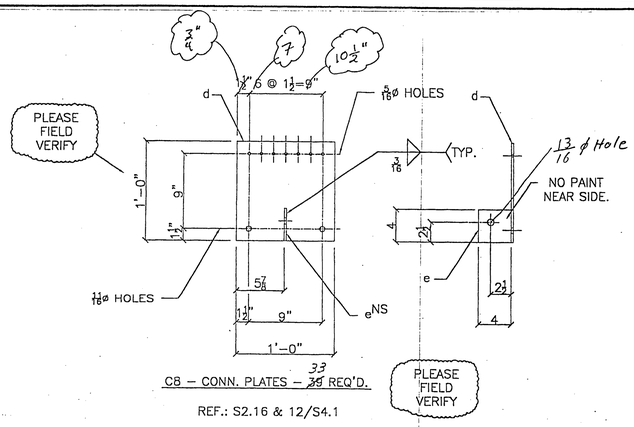
18
B8 – WALL PLATES – ~~28~~ REQ'D.

REF.: S2.16, 6/S4.1 & 23/S4.2



6
E8 – WALL PLATES – ~~2~~ REQ'D.

REF.: S2.16 & 6/S4.1
(@ END OF WALL CONDITIONS)



C8 – CONN. PLATES – ~~39~~ 33 REQ'D.

REF.: S2.16 & 12/S4.1

PLEASE FIELD VERIFY

phase H
2
Building
Do Not Fab yet
7-22-02
Dan F.

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A8	9			CONN. ANGLES			
		a	9	L 3 x 3 x 3/16	1	0	
		b	9	PL 1/4 x 4		4	CLIP 1 CORNER
B8	28			WALL PLATES			
		c	28	FB 1/4 x 4	1	0	
C8	39			CONN. PLATES			
		d	39	PL 1/4 x 12	1	0	
		e	39	PL 1/4 x 4		4	
D8	37			CONN. PLATES			
		f	37	PL 1/4 x 12	1	0	
E8	2			WALL PLATES			
		g	2	FB 1/2 x 4	1	0	
F8	?			BRACE			
		c	?	L 3 x 3 x 3/16	?	?	
G8	?			BRACE			
		d	?	L 3 x 3 x 3/16	?	?	
H8	?			BRACE			
		e	?	L 3 x 3 x 3/16	?	?	
K8	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
M8	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒
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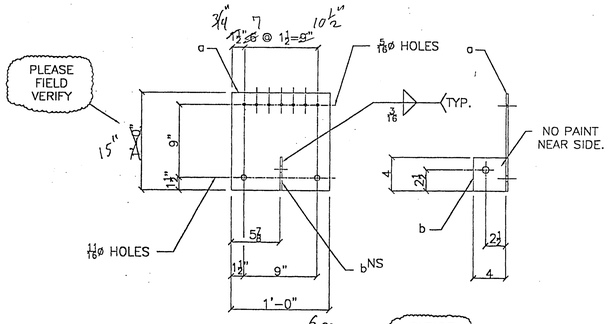
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY TRW
DATE 7/12/02
COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

RECEIVED
OCT 29 2002
PERMIT COUNTER

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

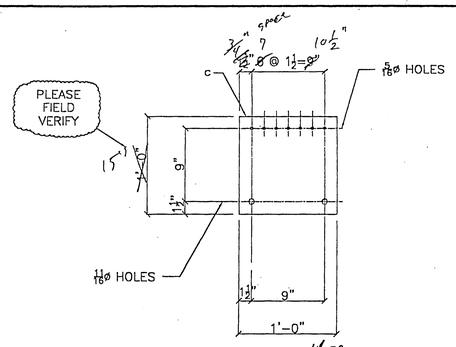
JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING H)
CONTRACTOR: S. G. A.
DESCRIPTION: MISC. CONN. PLATES & ANGLES & BRACES

Dwn. by: SEB | Chkd. by:
Scale N.T.S.
Date 7-10-02
Job No. 02 F 17
Sheet D8



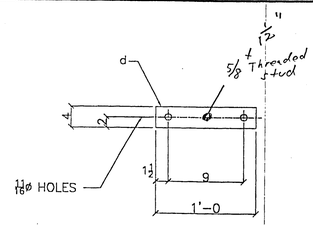
A9 – CONN. PLATES – ~~10~~ 6 REQ'D.

REF.: S2.1 & 12/S4.1



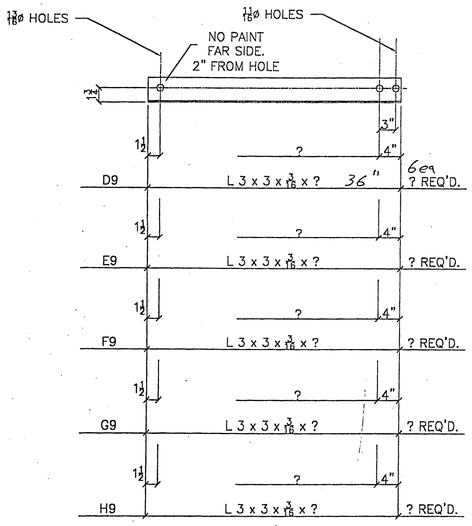
B9 – CONN. PLATES – ~~12~~ 18 REQ'D.

REF.: S2.1 & 4/S4.1



C9 – WALL PLATES – ~~6~~ 2 REQ'D.

REF.: S2.1 & 6/S4.1



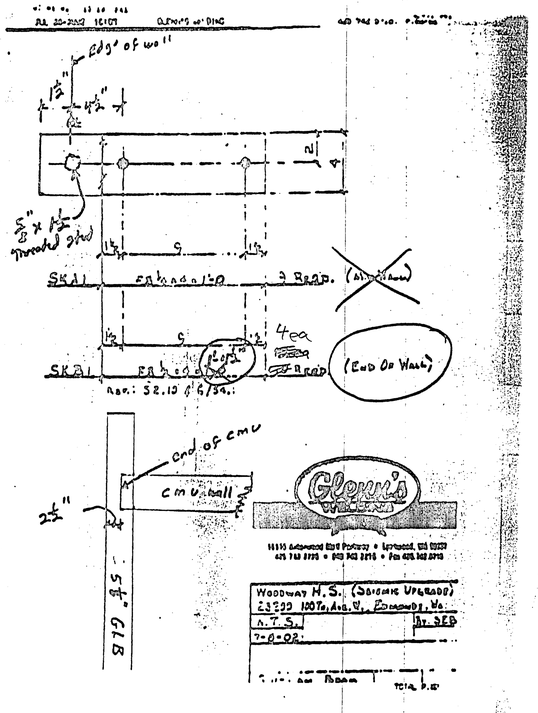
REF.: S2.15 & 6/S4.2

Right hand shown

PLEASE FIELD FURNISH LENGTHS

ARE THERE RIGHT HAND ~~& LEFT HAND~~ all right hand

Phase 2
Buildings A



BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A9	10			CONN. PLATES			
		a	10	PL 1/4 x 12	1	0	
		b	10	PL 1/4 x 4		4	
B9	11			CONN. PLATES			
		c	11	PL 1/4 x 12	1	0	
C9	6			WALL PLATES			
		d	6	FB 1/4 x 4	1	0	
D9	?			BRACE			
		c	?	L 3 x 3 x 3/16	?	?	
E9	?			BRACE			
		d	?	L 3 x 3 x 3/16	?	?	
F9	?			BRACE			
		e	?	L 3 x 3 x 3/16	?	?	
G9	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
H9	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:		TO FIELD:
R & R APPROVAL:			AS BUILT:

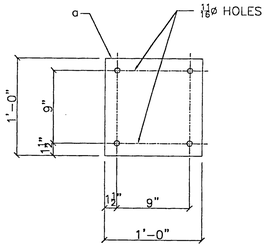
REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒
REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY. ☐
NO EXCEPTIONS TAKEN ☒
NOTE MARKINGS ☐
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY TRW
DATE 7/12/02
COUGHLIN PORTER LUNDEEN INC.
Consulting Engineers
Seattle, Washington 98101

RECEIVED
OCT 29 2002
PERMIT COUNTER

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425–743–2226 – 800–743–2215 – Fax. 425–742–5710

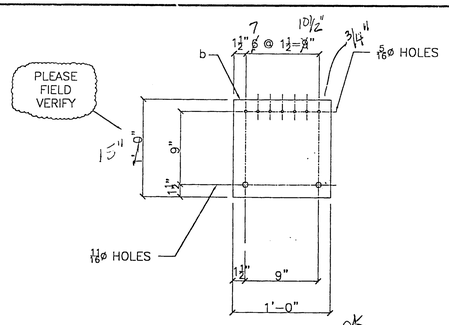
JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING A)
CONTRACTOR: S. G. A.
DESCRIPTION: MISC. CONN. PLATES & ANGLES & BRACES

Dwn. by: SEB | Chkd. by:
Scale N.T.S.
Date 7–10–02
Job No. 02 F 17 | Sheet D9



66 ea
A11 – CONN. PLATES – 58 REQ'D.

REF.: S2.2, S2.10 & 22/S4.2



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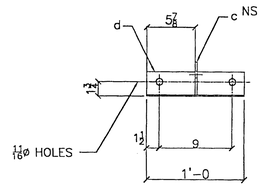
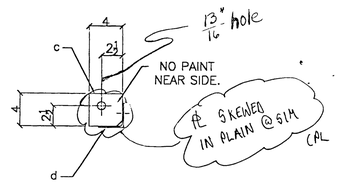
B11 – CONN. PLATES – 13 REQ'D.

REF.: S2.10 & 4/S4.1

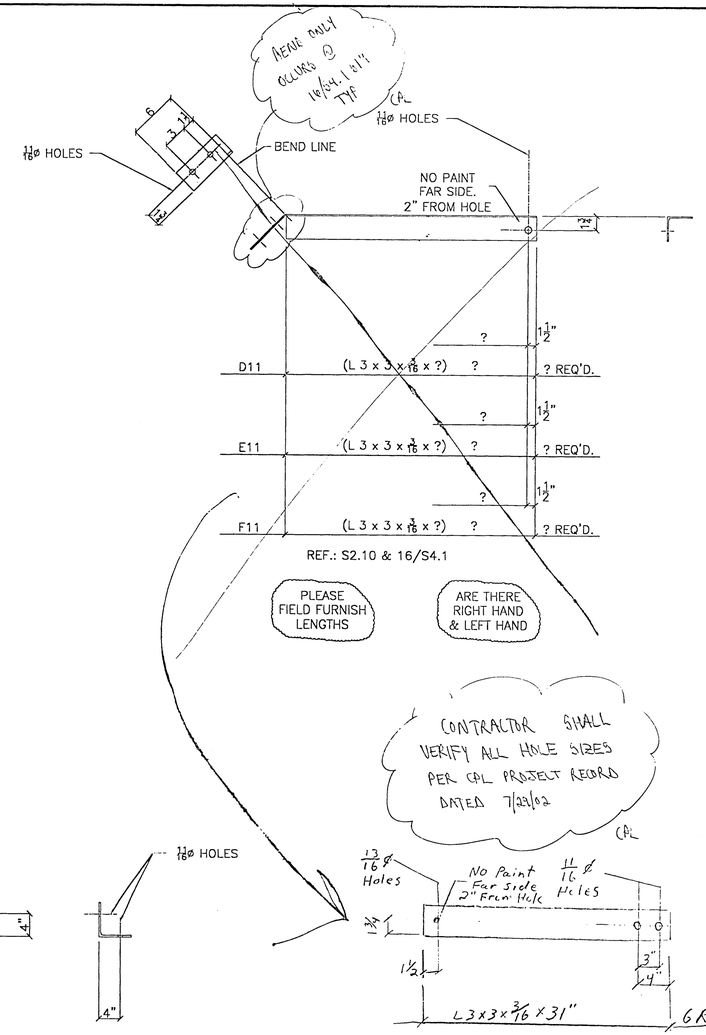


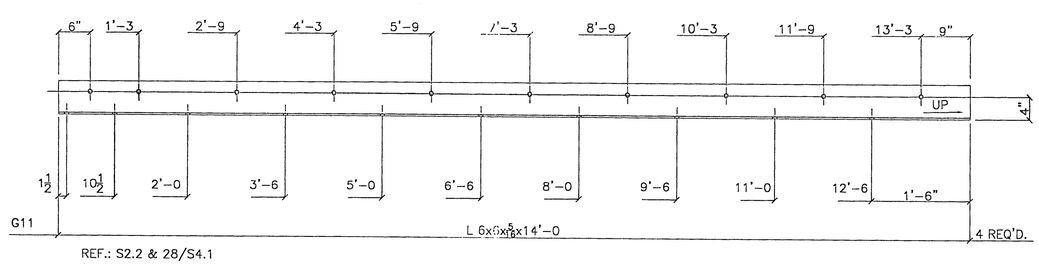


6
C11 – CONN. ANGLES – 4 REQ'D.

PLEASE FIELD VERIFY

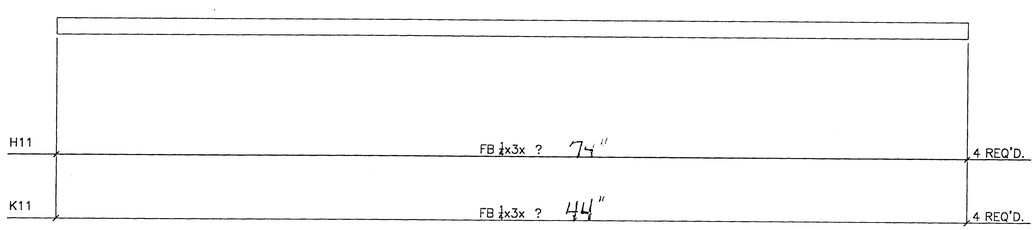
REF.: S2.10 & 16/S4.1





REF.: S2.2 & 28/S4.1

"B-2"



REF.: S2.2 & 28/S4.1

PLEASE FIELD FURNISH

DATE RECD	DATE RET'D	REVIEWED BY
	7/30/02	LS

☐ NO EXCEPTIONS TAKEN
☒ MAKE CORRECTIONS NOTED
☐ REVISE & RESUBMIT
☐ REJECTED

This shop drawing review is for general conformation with contract documents only, and does not relieve the contractor of his responsibilities for compliance with requirements of the drawings and specifications.

HEPPRUS ASSOCIATES, INC.
120 Prospect Street, Suite 200
Seattle, Washington 98109

All exterior stl to be galv. shop prime interior stl.

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒
REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY ☐
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY BRZ
DATE 7-30-02
COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

RECEIVED
OCT 2 9 2002
PERMIT COUNTER

SGA CORP | DATE: 7/26/02 | BY:
Reviewed for ... only. This review does not relieve ... responsibility to conform to ... the subcontractor is responsible for ... fabrication and assembly to ...
REQD: 12/5/02 & 12/26/02
☐ No Exceptions ☐ Approved ☐ Revise & Resubmit

D11 Through D14

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A11	58			CONN. PLATES			
		a	58	PL 1/4 x - 2	1	0	
B11	13			CONN. PLATES			
		b	13	PL 1/4 x - 2	1	0	
C11	4			CONN. ANGLES			
		d	4	L 3 x 3 x 3/16	1	0	
		c	4	PL 1/4 x 4		4	CLIP 1 CORNER
D11	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
E11	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	
F11	?			BRACE			
		h	?	L 3 x 3 x 3/16	?	?	
G11	4			CORNER ANGLES			
		k	4	L 6 x 6 x 5/16	14	0	
H11	4			STRAPS			
		m	4	FB 1/4 x 3	?	?	
K11	4			STRAPS			
		n	4	FB 1/4 x 3	?	?	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

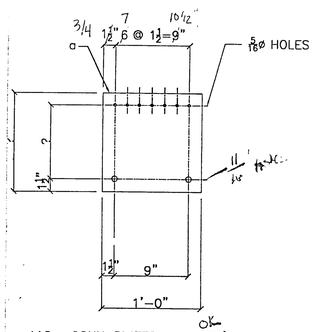
REV	DECRIPTION	BY:

FOR APPROVAL:	TO SHOP:	TO FIELD
R & R APPROVAL:		AS BUILT

Glenn's WELDING
SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-0110

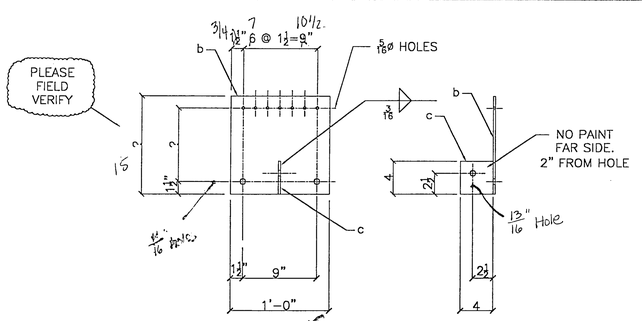
JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING B-2)
CONTRACTOR: S. G. A.
DESCRIPTION:
MISC. CONN. PLATES & ANGLES & BRACES

Dwn. by: SEB | Chkd. by:
Scale N.T.S.
Date 7-22-02
Job No. 11 Sht
02 F 17 D11



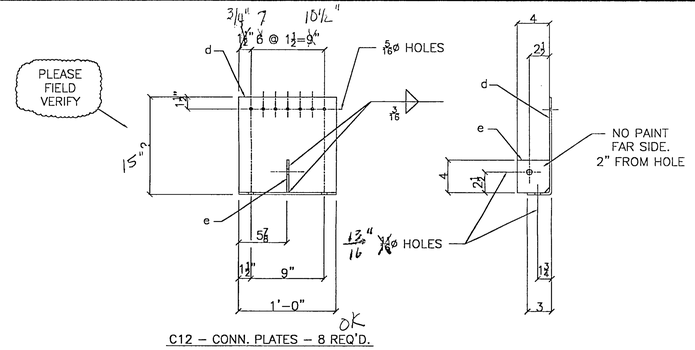
A12 – CONN. PLATES – 14 REQ'D.

REF.: S2.11 & 4/S4.1



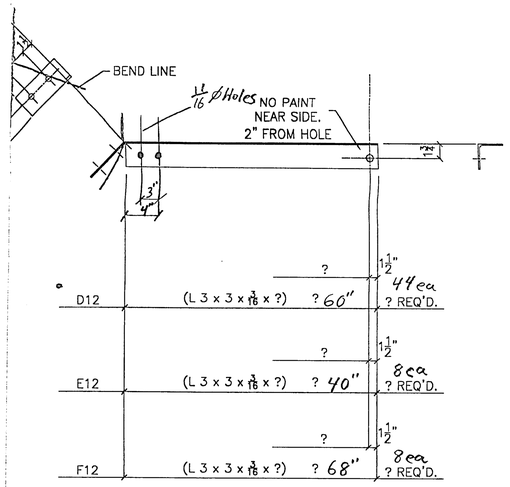
B12 – CONN. PLATES – ~~36~~ 65 REQ'D.

REF.: S2.11 & 12/S4.1



C12 – CONN. PLATES – 8 REQ'D.

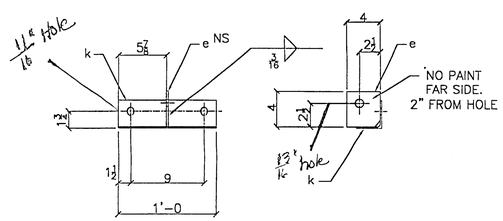
REF.: S2.11 & 10/S4.1



REF.: S2.10 & 16/S4.1 Right Hand

PLEASE FIELD FURNISH LENGTHS

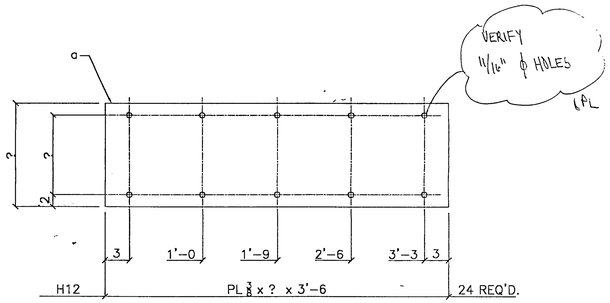
ARE THERE RIGHT HAND & LEFT HAND



G12 – CONN. ANGLES – ~~16~~ 21 REQ'D.

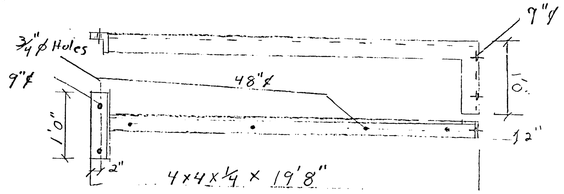
REF.: S2.11 & 21/S4.1

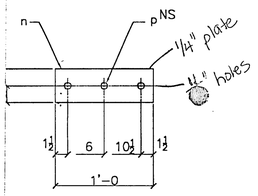
PLEASE FIELD VERIFY



REF.: S2.11 & 22/S4.1

PLEASE FIELD VERIFY

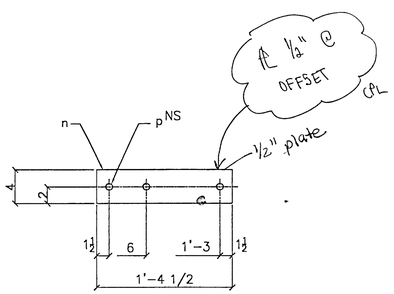




~~40~~ 20 – CONN. PLATES – ~~80~~ 40 REQ'D.

REF.: S2.11 , 6/S4.1 & 23/S4.2

PLEASE FIELD VERIFY

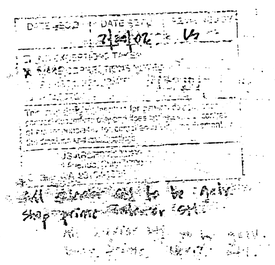


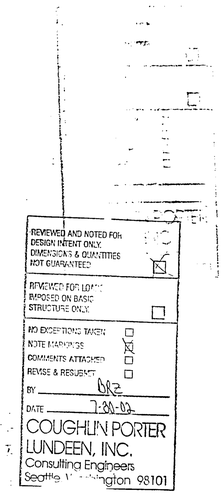
M12 – CONN. PLATES – ? REQ'D.

REF.: S2.11 , 6/S4.1 & 23/S4.2

None

PLEASE FURNISH QTY.





BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A12	14			CONN. PLATES			
		a	14	PL 1/4 x 12	?	?	
B12	36			CONN. PLATES			
		b	36	PL 1/4 x 12	?	?	
		c	36	PL 1/4 x 4		4	
C12	8			CONN. PLATES			
		d	8	PL 1/4 x 12	?	?	BROKE @ 90
		e	8	PL 1/4 x 4		4	CLIP 1 CORNER
D12	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
E12	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	
F12	?			BRACE			
		h	?	L 3 x 3 x 3/16	?	?	
G12	13			CONN. ANGLES			
		k	13	L 3 x 3 x 3/16	1	0	
		e	13	PL 1/4 x 4		4	CLIP 1 CORNER
H12	24			CONN. PLATES			
		m	24	PL 3/8 x ?	3	6	
K12	60			CONN. PLATES			
		n	60	PL 1/4 x 4	1	0	
		p	60	5/8 ø x 1 1/2 THRD. STUD			
M12	?			CONN. PLATES			
		r	?	PL 1/4 x 4	1	4 1/2	
		p	?	5/8 ø x 1 1/2 THRD. STUD			

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

REV	DECRIPTION	BY:	DATE:

FOR APPROVAL:	TO SHOP:	TTO FIELD:
R & R APPROVAL:		AS BUILT:

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING C)
CONTRACTOR: S. G. A.
DESCRIPTION:
MISC. CONN. PLATES & ANGLES & BRACES

Dwn. by: SEB | Chkd. by:
Scale: N.T.S.
Date 7-23-02
Job No. 02 F 17
Sheet D 12

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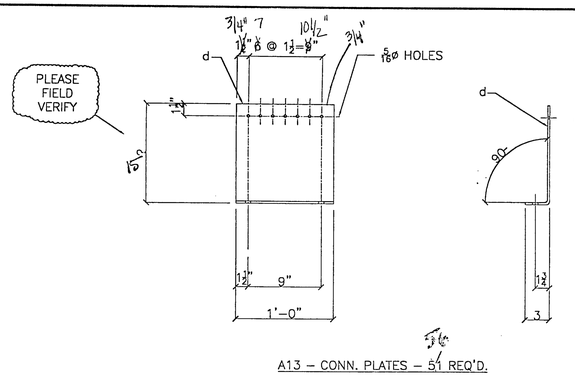
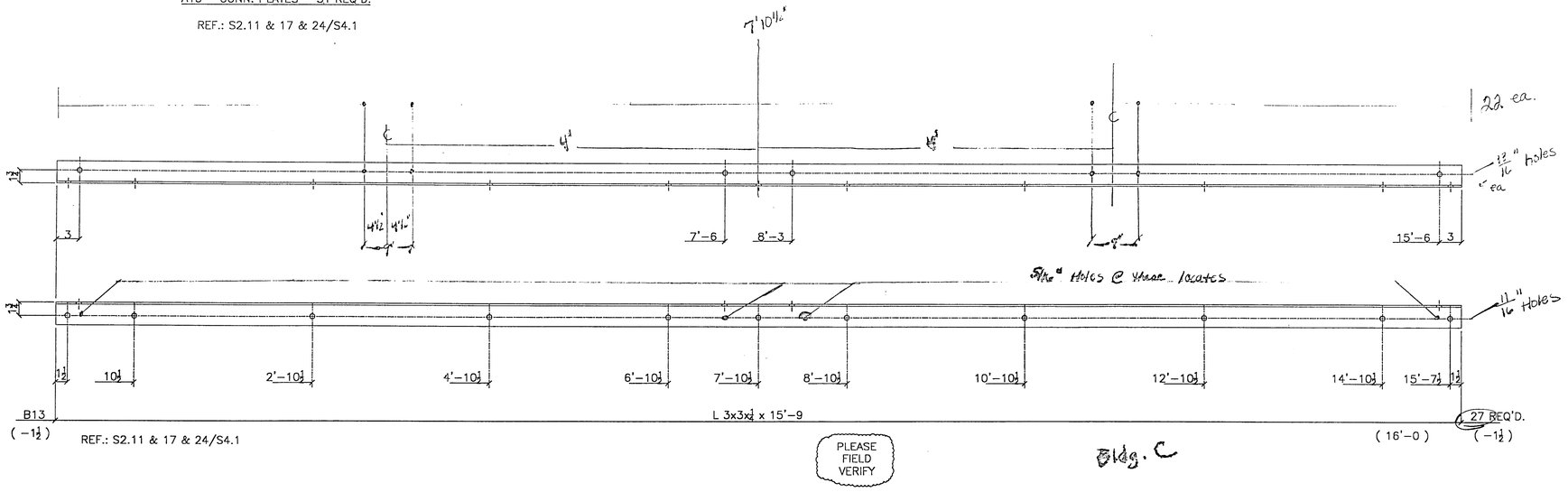


A13 – CONN. PLATES – 51 REQ'D.

REF.: S2.11 & 17 & 24/S4.1



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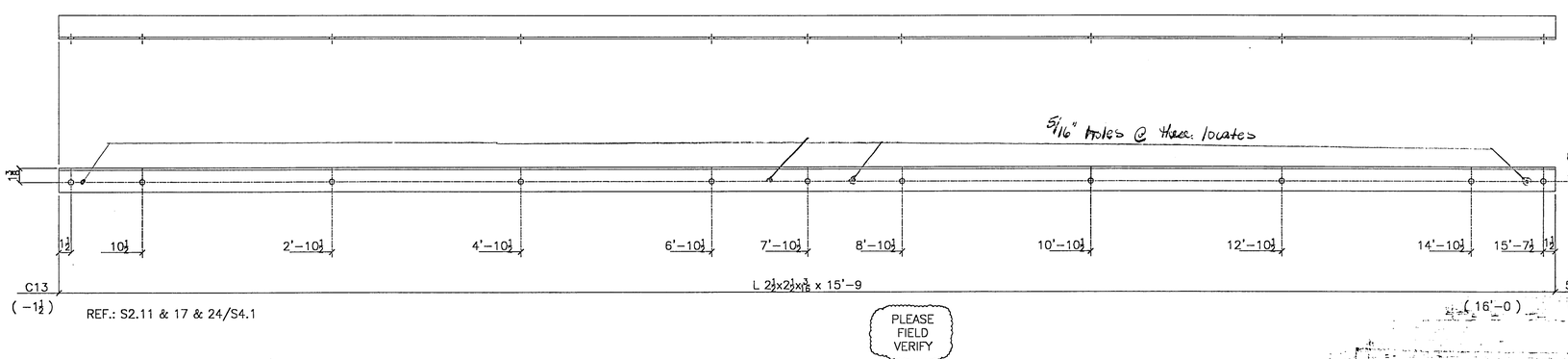

REF.: S2.11 & 17 & 24/S4.1

REVIEWED AND NOTED FOR: DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED

REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY.

NO EXCEPTIONS TAKEN: X
NOTE MARKINGS: □
COMMENTS ATTACHED: □
REVISE & RESUBMIT: □

BY: MKE
DATE: 7-30-02

COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

7/30/02 VS

All exterior stl to be galv. Shop prime interior stl.

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OCT 29 2002
PERMIT COUNTER

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A13	51			CONN. PLATES			
		a	51	PL 1/4 x 12	?	?	BROKE @ 90
B13	27			STIFFENER ANGLES			
		b	27	L 3 x 3 x 1/4	16	0	
C13	54			STIFFENER ANGLES			
		c	54	L 2 1/2 x 2 1/2 x 3/16	16	0	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

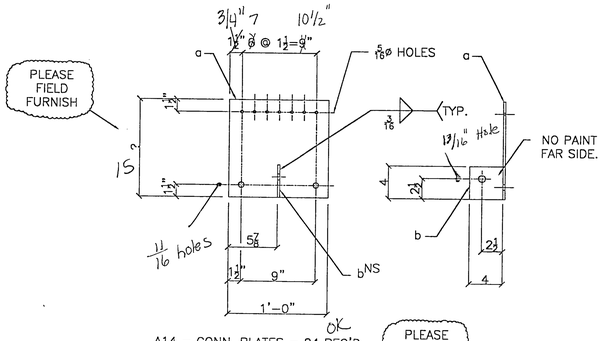
REV	DECRIPTION	BY:	DATE:

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL:		AS BUILT:

Glenn's WELDING SINCE 1949
16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING C)
CONTRACTOR: S. G. A.
DESCRIPTION:
MISC. CONN. PLATES & STIFFENER ANGLES

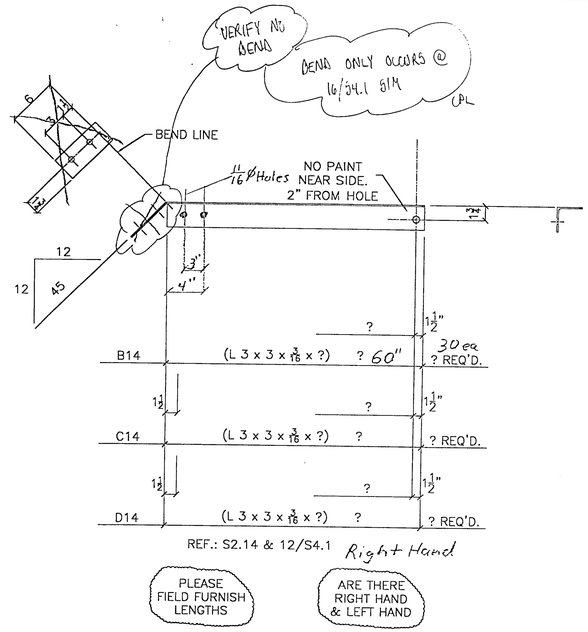
Dwn. by: SEB	Chkd. by:
Scale N.T.S.	
Date 7-23-02	
Job No.	Sheet
02 F 17	D13



A14 – CONN. PLATES – 24 REQ'D.

REF.: S2.14 & 12/S4.1

PLEASE FIELD VERIFY



REF.: S2.14 & 12/S4.1 Right Hand

PLEASE FIELD FURNISH LENGTHS

ARE THERE RIGHT HAND & LEFT HAND

BILL OF MATERIALS

MARK NO.	QTY.	PIECE MARK	QTY. PC'S.	DESCRIPTION	LENGTH FEET	LENGTH INCHES	REMARKS
A14	24			CONN. PLATES			
		a	24	PL 1/4 x ?	1	0	
		b	24	PL 1/4 x 4		4	
B14	?			BRACE			
		f	?	L 3 x 3 x 3/16	?	?	
C14	?			BRACE			
		g	?	L 3 x 3 x 3/16	?	?	
D14	?			BRACE			
		h	?	L 3 x 3 x 3/16	?	?	

GENERAL NOTES:
1. USE ASTM A36 STEEL.
2. USE ASTM A500 GR. B TUBE STEEL.
3. ALL HOLES 13/16 ø U. N. O.
4. ALL WELDS 3/16 FILLET U.N.O.
5. PAINT: ONE SHOP COAT PRIMER U. N. O.

REV	DECRIPTION	BY:	DATE:

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL:		AS BUILT:

Glenn's WELDING SINCE 1949

16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY HIGH SCHOOL
LOCATION: 23200 100TH. AVE. WEST
EDMONDS, WA. 98020
(BUILDING F)
CONTRACTOR: S. G. A.
DESCRIPTION:
MISC. CONN. PLATES & BRACES

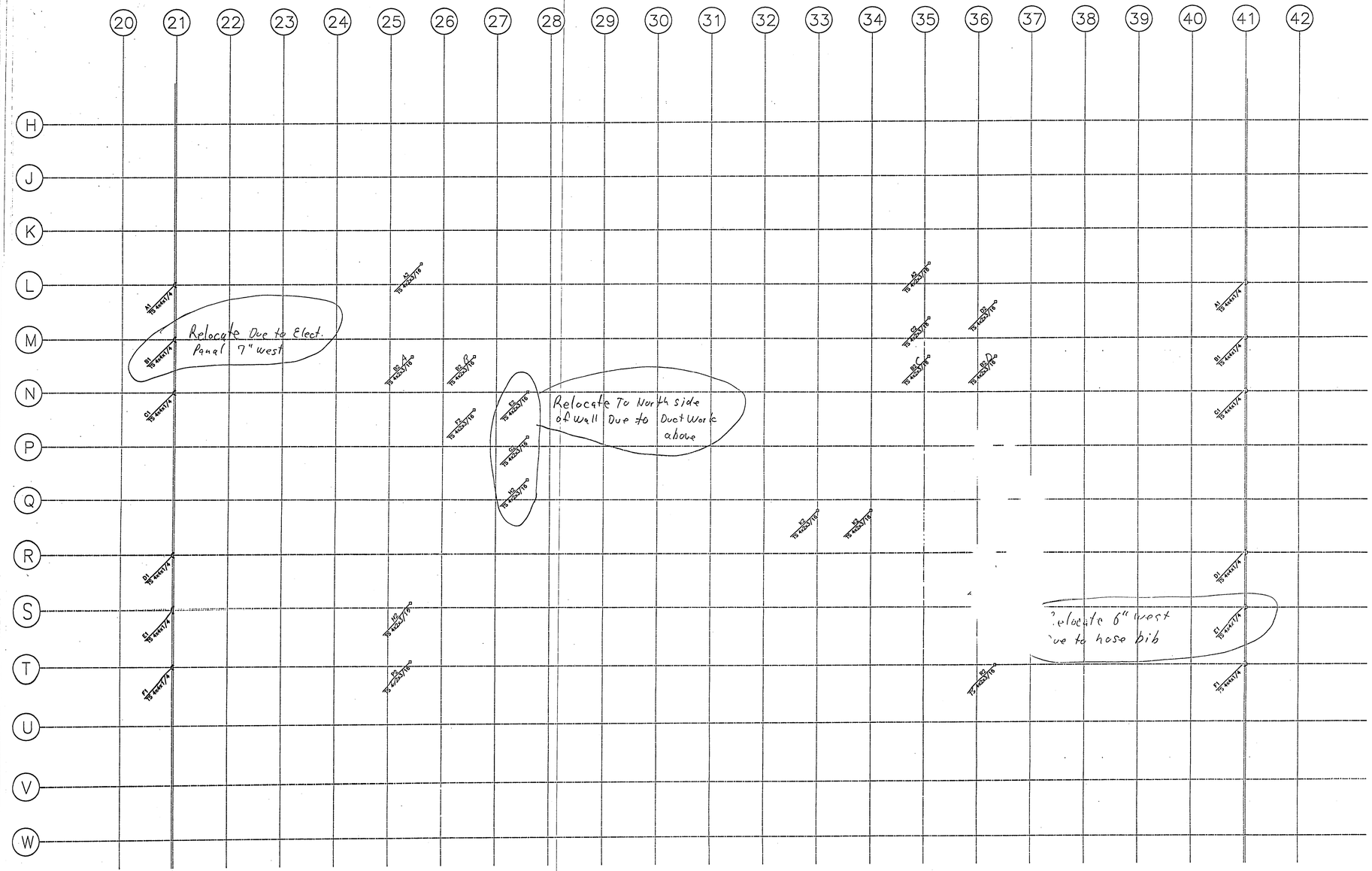
Dwn. by: SEB. Chkd. by:
Scale N.T.S.
Date 7-24-02
Job No. 02 F 17
Sheet D14

7/30/02 LS

All exterior stl to be galv.
Shop prime interior stl.

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒
REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY ☐
NO EXCEPTIONS TAKEN ☐
NOTE MARKINGS ☒
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY: BRZ
DATE: 7-30-02
COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, W... 98101

RECEIVED
OCT 29 2002
PERMIT COUNTER



BUILDING B-1 FOUNDATION PLACING PLAN

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒

REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY. ☐

NO EXCEPTIONS TAKEN ☒
NOTE MARKINGS ☐
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐

BY RRE
DATE 7/12/02

COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

GENERAL NOTES:

REV	DECRIPTION	BY:	DATE:

FOR APPROVAL:	TO SHOP:	TO FIELD:
R & R APPROVAL:		AS BUILT:

Glenn's WELDING

16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY H. S. (SEISMIC UPGRADE)
LOCATION: 23200 100 TH. AVE. WEST
EDMONDS, WA. 98020

CONTRACTOR: S&A

DESCRIPTION:
BUILDING B-1 FOUNDATION PLACING PLAN

Dwn. by: S.E.B. Chkd. by:
Scale N.T.S.
Date 6-29-02

Job No.	Sheet
02 F 17	E1 B

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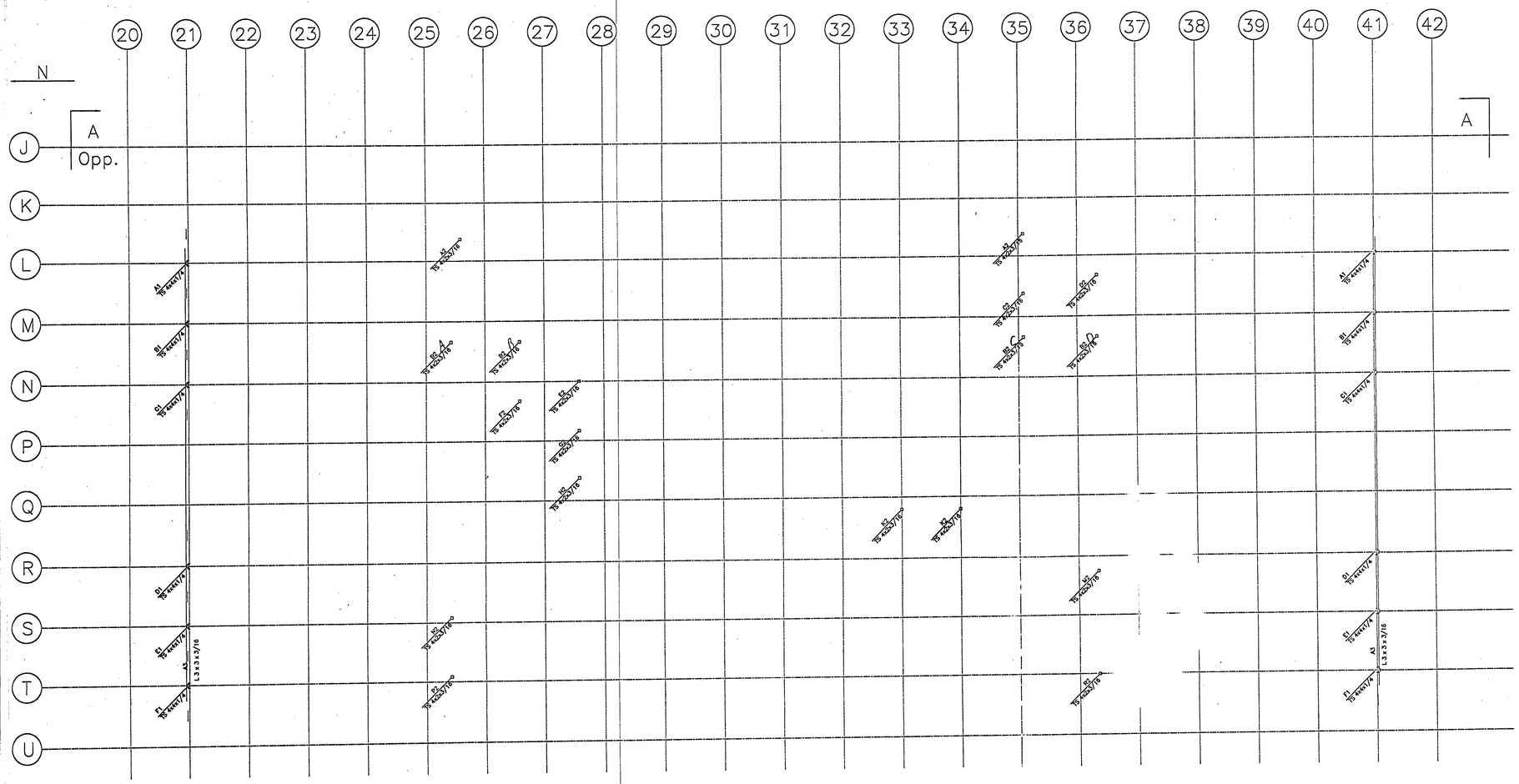
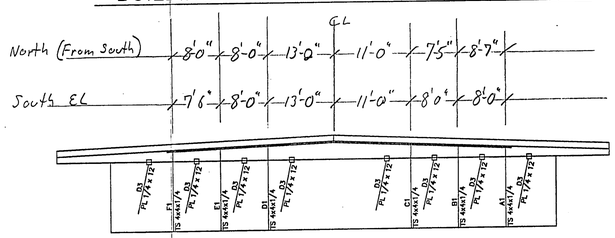
OCT 29 2002
PERMIT COUNTER



BUILDING B-1 ROOF PLACING PLAN



VIEW A (SOUTH ELEVATION)

REVIEWED AND NOTED FOR DESIGN INTENT ONLY. DIMENSIONS & QUANTITIES NOT GUARANTEED ☒

REVIEWED FOR LOADS IMPOSED ON BASIC STRUCTURE ONLY. ☐

NO EXCEPTIONS TAKEN ☒
NOTE MARKINGS ☐
COMMENTS ATTACHED ☐
REVISE & RESUBMIT ☐
BY BPZ
DATE 7/12/02

COUGHLIN PORTER LUNDEEN, INC.
Consulting Engineers
Seattle, Washington 98101

GENERAL NOTES:

REV	DECRIPTION	BY:	DATE:
FOR APPROVAL:	TO SHOP:	TO FIELD:	
R & R APPROVAL:		AS BUILT:	

Glenn's WELDING

16515 Alderwood Mall Parkway, Lynnwood, Wa. 98037
425-743-2226 – 800-743-2215 – Fax. 425-742-5710

JOB NAME: WOODWAY H. S. (SEISMIC UPGRADE)
LOCATION: 23200 100 TH. AVE. WEST
EDMONDS, WA. 98020

CONTRACTOR: SGA

DESCRIPTION:
BUILDING B-1 ROOF PLACING PLAN

Dwn. by: S.E.B	Chkd. by:
Scale N.T.S.	
Date 7-1-02	
Job No.	Sheet
02 F 17	E2 B

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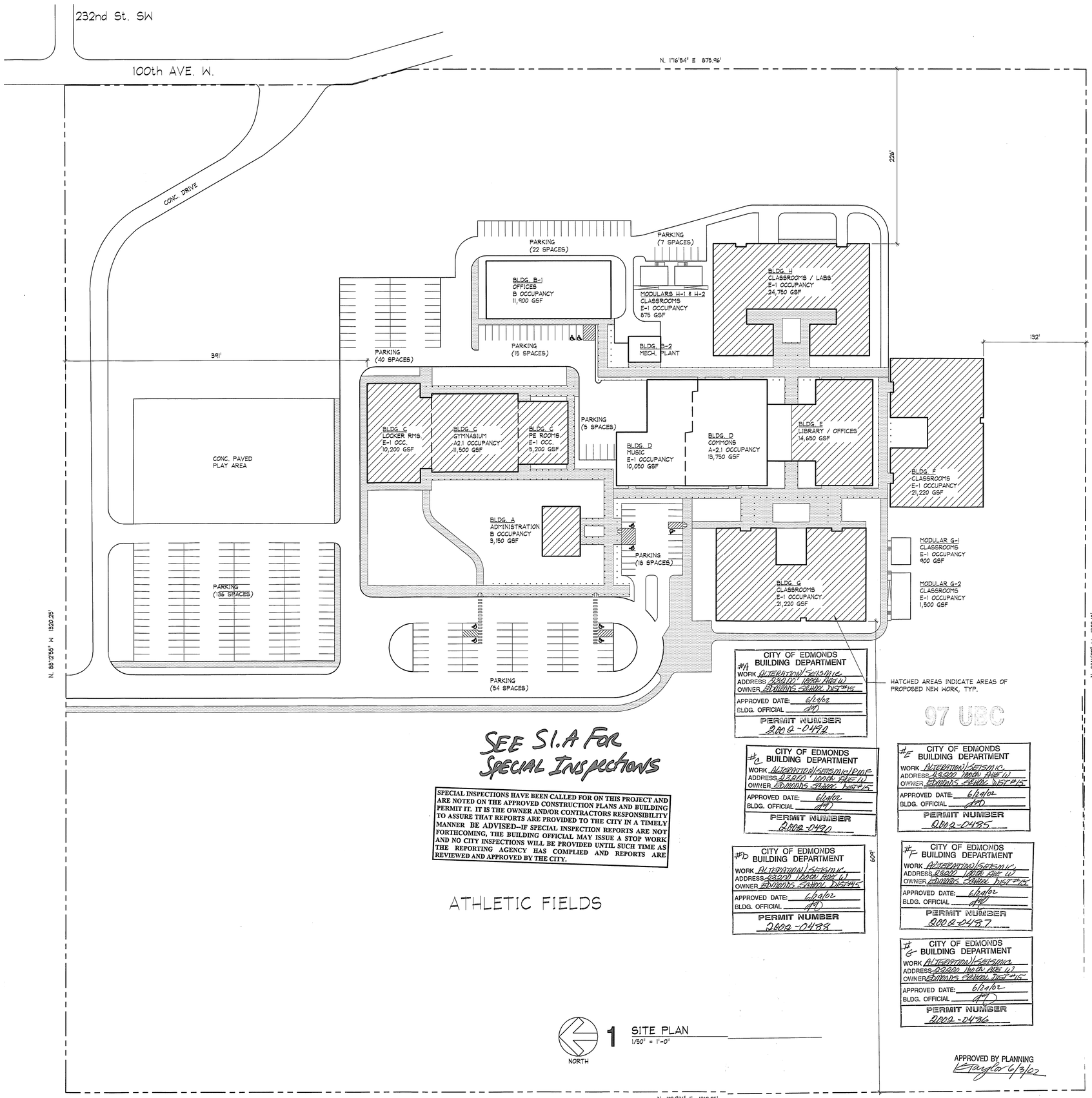


HATCHED AREAS INDICATE AREAS OF PROPOSED NEW WORK, TYP.

97 UBC

SEE S1.A FOR SPECIAL INSPECTIONS

SPECIAL INSPECTIONS HAVE BEEN CALLED FOR ON THIS PROJECT AND ARE NOTED ON THE APPROVED CONSTRUCTION PLANS AND BUILDING PERMIT IT. IT IS THE OWNER AND/OR CONTRACTORS RESPONSIBILITY TO ASSURE THAT REPORTS ARE PROVIDED TO THE CITY IN A TIMELY MANNER BE ADVISED--IF SPECIAL INSPECTION REPORTS ARE NOT FORTHCOMING, THE BUILDING OFFICIAL MAY ISSUE A STOP WORK AND NO CITY INSPECTIONS WILL BE PROVIDED UNTIL SUCH TIME AS THE REPORTING AGENCY HAS COMPLIED AND REPORTS ARE REVIEWED AND APPROVED BY THE CITY.

ATHLETIC FIELDS

CITY OF EDMONDS BUILDING DEPARTMENT
#A
WORK: ALTERATION/SEISMIC
ADDRESS: 23200 100th AVE W
OWNER: EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL: JPD
PERMIT NUMBER: 2002-0492

CITY OF EDMONDS BUILDING DEPARTMENT
#B
WORK: ALTERATION/SEISMIC/ENF.
ADDRESS: 23200 100th AVE W
OWNER: EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL: JPD
PERMIT NUMBER: 2002-0490

CITY OF EDMONDS BUILDING DEPARTMENT
#D
WORK: ALTERATION/SEISMIC
ADDRESS: 23200 100th AVE W
OWNER: EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL: JPD
PERMIT NUMBER: 2002-0488

CITY OF EDMONDS BUILDING DEPARTMENT
#E
WORK: ALTERATION/SEISMIC
ADDRESS: 23200 100th AVE W
OWNER: EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL: JPD
PERMIT NUMBER: 2002-0485

CITY OF EDMONDS BUILDING DEPARTMENT
#F
WORK: ALTERATION/SEISMIC
ADDRESS: 23200 100th AVE W
OWNER: EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL: JPD
PERMIT NUMBER: 2002-0487

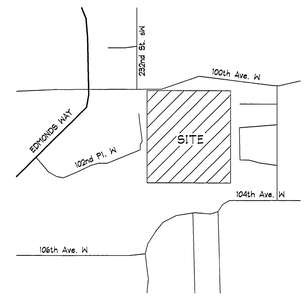
CITY OF EDMONDS BUILDING DEPARTMENT
#G
WORK: ALTERATION/SEISMIC
ADDRESS: 23200 100th AVE W
OWNER: EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL: JPD
PERMIT NUMBER: 2002-0486

APPROVED BY PLANNING
Taylor 6/3/02

1 SITE PLAN
1/50' = 1'-0"

NORTH

OWNER:	EDMONDS SCHOOL DISTRICT NO. 15 20420 68th AVE. W. LYNNWOOD, WA 98036 206-425-7166 CONTACT: ROGER SCHULTZ
ARCHITECT: (LEAD DESIGN PROFESSIONAL)	INTEGRUS ARCHITECTURE, P.S. 720 THIRD AVE, SUITE 2300 SEATTLE, WA 98104 206-628-3137 CONTACT: CRAIG SYNNESTVEDT
STRUCTURAL ENGINEER:	COUGHLIN PORTER LUNDEEN 217 PINE STREET, #300 SEATTLE, WA 98101 206-343-0460 CONTACT: BRYAN ZAGERS



VICINITY MAP
N.T.S.

NORTH

PROJECT SCOPE

THIS WORK PROPOSED UNDER THIS PERMIT CONSISTS OF A VOLUNTARY SEISMIC UPGRADE. NO SITE MODIFICATIONS OF ANY KIND ARE PROPOSED.

WORK PROPOSED UNDER THIS PERMIT IS FOR THE FOLLOWING EXISTING STRUCTURES: UNITS A, C, E, F, G & H.

WORK AT REMAINING STRUCTURES IS UNDER SEPARATE PERMIT.

STRUCTURAL REVIEW NOTE

The seismic evaluation and renovation of the Former Woodway High School is being performed on a voluntary basis by the school district. It is important to note that this retrofit is not required per UBC 3401. The 1997 Uniform Building Code allows "alterations of existing structural elements, or additions of new structural elements, which are not required by Section 3401 and are initiated for the purpose of increasing the lateral-force-resisting strength or stiffness of an existing structure" provided they meet the criteria described in the exception to 3403.2. The alterations comply with Items 1-5 listed in the exception of 3403.2. All alterations to the structural elements in the construction documents are provided to increase the lateral-force-resisting strength or stiffness.

The basis of the evaluation was the Federal Emergency Management Agency document 178 (FEMA-178.) NEHRP Handbook for the Seismic Evaluation of Existing Buildings.

PROJECT DATA

PROJECT NAME:	FORMER WOODWAY HIGH SCHOOL SEISMIC UPGRADE
PROJECT ADDRESS:	23200 100th AVE. W. EDMONDS, WASHINGTON 98020
TAX ID #:	362703-2-022-0004
LEGAL DESCRIPTION:	THAT PORTION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, TOWNSHIP 27 NORTH, RANGE 3 EAST, W.M.
ZONE CLASSIFICATION:	RS-8 (SINGLE FAMILY)

SETBACKS:	REQUIRED	ACTUAL
NORTH:	7'-6"	391'
EAST:	25'	173'
WEST:	7'-6"	274'
SOUTH:	7'-6"	55'

BUILDING CODE: '97 UBC WITH WA STATE AMENDMENTS

EXIST. BUILDING DATA

BLDG. DATA (FOR ALL STRUCTURES):

OCCUPANCY GROUP:	VARIES - REFER SITE PLAN
CONSTRUCTION TYPE:	TYPE-V, NON RATED ('97 UBC) NON-SPRINKLERED
STORIES:	1
AREA (GROSS S.F.):	VARIES - REFER SITE PLAN
MAX. BLDG. HEIGHT:	28'
MAX. BLDG. HEIGHT:	28'

PERMIT SET

RECEIVED
JUN 12 2002
BUILDING DEPT.

INTEGRUS ARCHITECTURE
720 THIRD AVENUE SUITE 2300 SEATTLE WA 98104
TELEPHONE 206-628-8687 FAX 206-838-3166

3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	5-01-02
Job No.:	20157.00
Drawn By:	CS
Checked By:	BC
Filename:	157G0-0
Revisions:	1 6/10/02

SITE PLAN

G0.0

General Structural Notes

(THE FOLLOWING APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.)

CRITERIA:

1. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE UNIFORM BUILDING CODE (UBC), 1997 EDITION.

2. THIS STRUCTURE DOES NOT CONFORM TO PRESENT EARTHQUAKE CODE REQUIREMENTS. IT HAS BEEN REINFORCED IN ACCORDANCE WITH CHAPTER 34 OF THE UBC AND IS WITHIN THE CURRENT PRACTICE FOR THE RENOVATION OF EXISTING BUILDINGS OF THIS AGE AND TYPE OF CONSTRUCTION.

3. DESIGN LOADING CRITERIA:

ROOF LIVE LOAD	25 PSF
FLOOR LIVE LOAD (CLASSROOMS)	40 PSF
FLOOR LIVE LOAD (LIBRARY READING ROOMS)	60 PSF
FLOOR LIVE LOAD (LIBRARY STACK ROOMS)	125 PSF
FLOOR LIVE LOAD (GYMNASIUM)	100 PSF
STAIR AND CORRIDOR LIVE LOAD	100 PSF
WIND	80 MPH, EXPOSURE "B"
EARTHQUAKE	FEMA-178, Av=Aa=0.3, R=3.5

SEE DRAWINGS FOR ADDITIONAL LOADING CRITERIA

4. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ALL DISCREPANCIES PRIOR TO CONSTRUCTION.

5. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED EITHER ON SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS, OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ENGINEER PRIOR TO COMMENCING ANY WORK.

6. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.

8. CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.

9. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.

10. ALL STRUCTURAL SYSTEMS COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.

11. SHOP DRAWINGS FOR STRUCTURAL STEEL MEMBERS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS. ALL SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE CITY OF EDMONDS. △1

12. SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, AND THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY ENGINEER OF RECORD. SUBMITTALS SHALL INCLUDE A REPRODUCIBLE AND ONE COPY. THE REPRODUCIBLE SHALL BE MARKED AND RETURNED.

SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

13. SPECIAL INSPECTION: STRUCTURAL STEEL FABRICATION AND ERECTION (INCLUDING FIELD WELDING AND HIGH-STRENGTH FIELD BOLTING), ANCHOR BOLTS, EXPANSION BOLTS, EXPANSION INSERTS, EPOXY GROUTED INSTALLATIONS, SHEAR WALL NAILING, DIAPHRAGM NAILING, HOLDOWN INSTALLATION SHALL BE SUPERVISED IN ACCORDANCE WITH SECTION 1701 OF THE UBC AND THE PROJECT SPECIFICATIONS BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION REPORTS AND TEST RESULTS.

ANCHORAGE:

14. EXPANSION BOLTS INTO CONCRETE AND SOLIDLY GROUTED MASONRY SHALL BE "KWIK BOLT II", AS MANUFACTURED BY HILTI CORPORATION AND INSTALLED IN STRICT ACCORDANCE WITH ICBO REPORT NO. 4627, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICBO REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. IN ADDITION, FOR WIND OR SEISMIC APPLICATIONS, SUBSTITUTIONS SHALL MEET ICBO ACCEPTANCE CRITERIA AC01. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION. EXPANSION BOLTS SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER.

15. EXPANSION BOLTS INTO HOLLOW GROUTED MASONRY BLOCKS SHALL BE "SLEEVE ANCHORS", AS MANUFACTURED BY HILTI CORPORATION AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECCOMENDATIONS, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION. EXPANSION BOLTS SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER

16. EPOXY-GROUTED RODS OR REBAR TO CONCRETE, MASONRY OR UNREINFORCED BRICK MASONRY SPECIFIED ON THE DRAWINGS SHALL BE GROUTED WITH "SET EPOXY-TIE ADHESIVE" AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. INSTALL IN STRICT ACCORDANCE WITH ICBO REPORT NO. 5279, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICBO REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. IN ADDITION, FOR WIND OR SEISMIC APPLICATIONS, SUBSTITUTIONS SHALL MEET ICBO ACCEPTANCE CRITERIA (AC58 FOR CONCRETE AND NEW MASONRY APPLICATIONS, AC60 FOR UNREINFORCED BRICK MASONRY). SPECIAL INSPECTION OF EPOXY-GROUTED ANCHOR INSTALLATION IS REQUIRED. PROVIDE SCREEN TUBES AT BRICK MASONRY LOCATIONS AND AT HOLLOW CMU. SCREEN TUBES ARE NOT REQUIRED AT CONCRETE OR SOLID CMU. HOLES IN BRICK MASONRY & HOLLOW CMU SHALL BE CORE DRILLED. HOLES IN CONCRETE AND SOLIDLY GROUTED MASONRY MAY BE DRILLED BY CORING OR ROTO-HAMMER UNLESS NOTED OTHERWISE. EPOXY GROUTED RODS OR REBAR SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. HOLES IN STEEL SHALL BE 1/16" OVERSIZED, U.O.N.

RENOVATION:

17. DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. EXISTING REINFORCING SHALL BE SAVED WHERE AND AS NOTED ON THE DRAWINGS. SAW CUTTING, IF AND WHERE USED, SHALL NOT CUT EXISTING REINFORCING WHICH IS TO BE SAVED. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF OR 25 PSF AT ROOF.

   A. ALL NEW OPENINGS THROUGH EXISTING MASONRY OR CONCRETE WALLS, SLABS, AND BEAMS SHALL BE ACCOMPLISHED BY SAWCUTTING WHEREVER POSSIBLE. UNLESS OTHERWISE NOTED, ALL NEW OPENINGS SHALL BE SAWCUT NEAT AND CLEAN; NO OVERCUTTING AT OPENING CORNERS SHALL BE ALLOWED. AS REQUIRED, CORE DRILL CORNERS AND CHIP, GRIND OR CUT THE CORNERS TO PROVIDE THE REQUIRED DIMENSIONS.

   B. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.

   C. SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING, IF POSSIBLE.

STEEL:

18. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON THE LATEST EDITIONS OF THE A.I.S.C. SPECIFICATIONS AND CODES:

   1. SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS AND PLASTIC DESIGN, OR LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.

   2. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, ADOPTED JUNE 10, 1992, AMENDED BY THE DELETION OF THE FOLLOWING PHRASE IN PARAGRAPH 4.2.1: "THIS APPROVAL CONSTITUTES ACCEPTANCE BY THE OWNER'S AUTHORIZED REPRESENTATIVE OF DESIGN RESPONSIBILITY FOR THE STRUCTURAL ADEQUACY OF SUCH CONNECTIONS."

   IN REFERENCE TO SECTION 3.1.7, FABRICATOR SHALL REVIEW PROJECT SPECIFICATIONS AND ARCHITECTURAL DRAWINGS TO DETERMINE PAINTING REQUIREMENTS. MEMBERS EMBEDDED IN CONCRETE OR TO RECEIVE SPRAY-ON FIREPROOFING SHALL NOT BE PAINTED.

   IN REFERENCE TO SECTION 3.3, FABRICATOR SHALL FOLLOW PROJECT SPECIFICATIONS TO VERIFY ENGINEER'S INTENT IN THE EVENT OF DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS.

   3. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.

   CONTRACTOR SHALL ALSO COMPLY WITH OSHA REGULATION 29 CFR PART 1926 SUBPART R - STEEL ERECTION, PUBLISHED JANUARY 18, 2001. MISCELLANEOUS PLATES FOR GUYING CABLE ATTACHMENTS, TEMPORARY JOIST BRACING, ETC. SHALL BE ADDED AS REQUIRED. CONTRACTOR SHALL EVALUATE COLUMNS AND PROVIDE ADEQUATE BASE PLATE SHIMS, GUYS, OR TEMPORARY BRACING AS REQUIRED PER SECTION 1926.755.

19. STRUCTURAL STEEL, INCLUDING PLATES, ANGLES, AND RODS, SHALL CONFORM TO ASTM A36, Fy = 36 KSI. STEEL SHAPES SHALL CONFORM TO ASTM A572, Fy = 50 KSI. STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, Fy = 35 KSI. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, Fy = 46 KSI. ANCHOR AND EMBEDDED BOLTS SHALL CONFORM TO ASTM A307. CONNECTION BOLTS SHALL BE A325-N.

20. DIMENSIONAL TOLERANCE FOR STRUCTURAL STEEL MEMBERS SHALL BE PER THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 6.4 AND ASTM SPECIFICATION A6. UNLESS SPECIFICALLY ALLOWED BY THE ENGINEER, COLUMN MEMBERS SHALL NOT BE MODIFIED BY THE ROTARY STRAIGHTENING PROCESS.

21. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO SECTION 10 OF THE A.I.S.C. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, ADOPTED JUNE 10, 1992. ANY STEEL THAT IS TO BE EXPOSED TO VIEW UPON COMPLETION OF THE PROJECT SHALL BE CONSIDERED ARCHITECTURALLY EXPOSED.

22. ALL SLIP-CRITICAL CONNECTION BOLTS SHALL BE APPROVED SELF LOAD INDICATING TYPES (SUCH AS BETHLEHEM INDICATOR BOLTS, LeJEUNE TENSION CONTROL BOLTS, ETC.), AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

BOLTS IN CONNECTIONS NOT SPECIFIED AS SLIP-CRITICAL NEED ONLY BE TIGHTENED TO THE SNUG TIGHT CONDITION. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. IF A SLOTTED HOLE OCCURS IN AN OUTER PLY, A FLAT HARDENED WASHER OR COMMON PLATE WASHER SHALL BE INSTALLED OVER THE SLOT.

23. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.W.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY A.W.S.) SHALL BE USED.

24. HEADED STUDS FOR COMPOSITE CONNECTION OF STRUCTURAL STEEL TO CAST-IN-PLACE CONCRETE AND THREADED STUDS FOR CONNECTION OF STRUCTURAL STEEL TO OTHER ELEMENTS SHALL BE MANUFACTURED FROM MATERIAL CONFORMING TO ASTM A108 AND SHALL BE WELDED IN CONFORMANCE WITH A.W.S. REQUIREMENTS.

WOOD:

25. FRAMING LUMBER SHALL BE KILN DRIED OR MC-19, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

STUDS, PLATES, LEDGERS & MISCELLANEOUS LIGHT FRAMING:	HEM-FIR NO. 3 OR STUD GRADE MINIMUM BASIC DESIGN STRESS, Fb = 500 PSI, E = 1200 KSI Fc = 725 PSI

NOTE: FINGER JOINTED STUDS MAY BE SUBSTITUTED ONLY IF THEY MEET PRESCRIBED STRESS CRITERIA.

NOTE: WHERE NOTED ON THE DRAWINGS, PLATES SHALL BE DOUGLAS FIR NO. 3 OR STUD GRADE.

26. ROOF, FLOOR & WALL SHEATHING SHALL BE APA RATED, EXTERIOR OR EXPOSURE 1 PLYWOOD, IN CONFORMANCE WITH UBC STANDARD NO. 23-2. APA RATED, EXTERIOR OR EXPOSURE 1 ORIENTED STRAND BOARD (OSB), IN CONFORMANCE WITH UBC STANDARD NO. 23-3 MAY BE USED IN LIEU OF PLYWOOD AT INTERIOR VERTICAL SURFACES ONLY. SHEATHING SHALL BE MANUFACTURED UNDER THE PROVISIONS OF VOLUNTARY PRODUCT STANDARDS PS1-95 OR PS2-92, OR APA PRP-108 PERFORMANCE STANDARDS AND POLICIES FOR STRUCTURAL USE PANELS. SEE DRAWINGS FOR THICKNESS, SPAN RATING, AND NAILING REQUIREMENTS. UNLESS OTHERWISE NOTED, WALL SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING OF 24/0.

27. ALL WOOD PLATES IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE. PROVIDE 2 LAYERS OF ASPHALT-IMPREGNATED BUILDING PAPER BETWEEN UNTREATED LEDGERS, BLOCKING, ETC., AND CONCRETE OR MASONRY.

28. TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR CATALOG NO. C-2002. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES AND ARE SUBMITTED TO THE ENGINEER FOR APPROVAL. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, CENTER STRAP ON JOINT AND PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER, WITH EQUAL NUMBER AND SIZE OF FASTENERS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED. ALL JOISTS AND MULTIPLE JOIST BEAMS SHALL BE CONNECTED TO FLUSH BEAMS WITH "U" SERIES JOIST HANGERS, UNLESS OTHERWISE NOTED.

29. WOOD FRAMING NOTES: THE FOLLOWING APPLY UNLESS OTHERWISE NOTED ON THE DRAWINGS:

   A. ALL WOOD FRAMING DETAILS SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE UBC. MINIMUM NAILING SHALL CONFORM TO UBC TABLE 23-II-B-1 OR CURRENT ICBO REPORT NER-272. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG BOLTS BEARING ON WOOD. INSTALLATION OF LAG BOLTS SHALL CONFORM TO 1991 NDS SECTION 9.1.2, AND INSTALLATION OF BOLTS SHALL CONFORM TO 1991 NDS SECTION 8.1.2.

   B. ROOF FRAMING: ROOF AND FRAMING SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS. ALLOW 1/8" SPACING AT ALL PANEL EDGES AND ENDS OF FLOOR AND ROOF SHEATHING.

   C. NAILING: ALL NAILS SPECIFIED ON THE DRAWINGS WERE DESIGNED TO BE COMMON. POWER DRIVEN NAILS OF THE SAME LENGTH MAY BE SUBSTITUTED FOR COMMON NAILS PROVIDED THEIR NUMBER IS INCREASED (SPACING IS DECREASED) ACCORDING TO THE FOLLOWING FORMULA:

   $S' = S \times C$

   S' = NEW REQUIRED SPACING
   S = DESIGN SPACING SHOWN ON THE DRAWINGS
   C = CONVERSION FACTOR

NAILS	DIAMETER	POWER DRIVEN NAIL (DIAMETER x LENGTH)	C
8d	0.131"	0.092" x 2 1/4"	0.6
		0.099" x 2 1/4"	0.6
		0.113" x 2 3/8"	0.8
		0.131" x 2 1/2"	1.0
10d	0.148"	0.120" x 3"	0.7
		0.131" x 3"	0.8
		0.148" x 3"	1.0
12d	0.148"	0.120" x 3 1/4"	0.7
		0.131" x 3 1/4"	0.8
16d	0.162"	0.131" x 3 1/2"	0.7
		0.162" x 3 1/2"	1.0

SHEET INDEX

S1.1 GENERAL STRUCTURAL NOTES

S2.1 BUILDING A FLOOR PLAN
S2.3 BUILDING C FLOOR PLAN
S2.5 BUILDING E FLOOR PLAN
S2.6 BUILDING F FLOOR PLAN
S2.7 BUILDING G FLOOR PLAN
S2.8 BUILDING H FLOOR PLAN
S2.9 BUILDING A ROOF PLAN
S2.11 BUILDING C ROOF PLAN
S2.13 BUILDING E ROOF PLAN
S2.14 BUILDING F ROOF PLAN
S2.15 BUILDING G ROOF PLAN
S2.16 BUILDING H ROOF PLAN

S4.1 MASONRY DETAILS
S4.2 MASONRY DETAILS

S6.1 WOOD DETAILS

INTĒGRUS ARCHITECTURE
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JAMES E. COUGHLIN, STATE OF WASHINGTON, 21282, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 7/25/03

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Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-10-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:
△1 PERMIT REVISIONS	06/10/02

GENERAL STRUCTURAL NOTES & SHEET INDEX

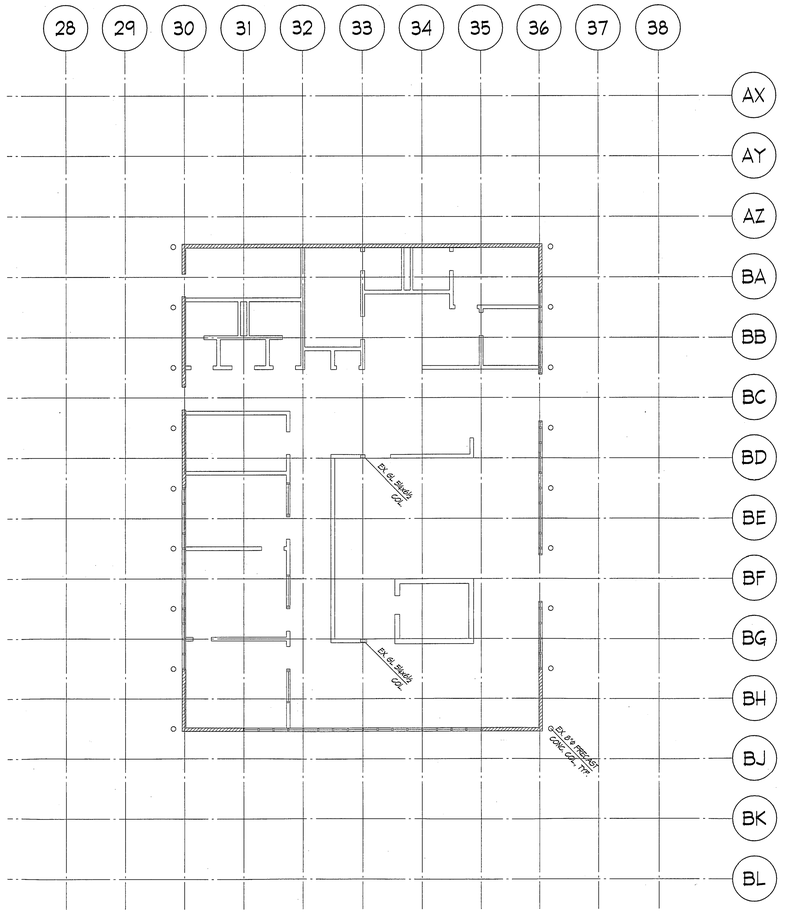
S1.1

RESUB

RECEIVED
JUN 12 2002
BUILDING DEPT.

BID SET

Project: OLD WOODWAY HIGH SCHOOL File: WHS-S1A.dwg By: RJH Date/Time: June 10, 2002 1:48 p.m. View: PLOT Scale: 1=1 Layerset: none Xrefs: WHS-XTB.dwg



LEGEND:

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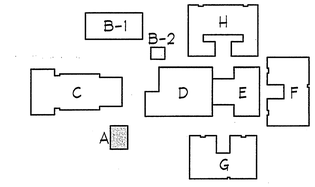
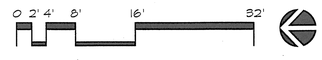
- EX. MASONRY THIS LEVEL
- EX. 2x STUD WALL





NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

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EDMONDS, WASHINGTON 98020

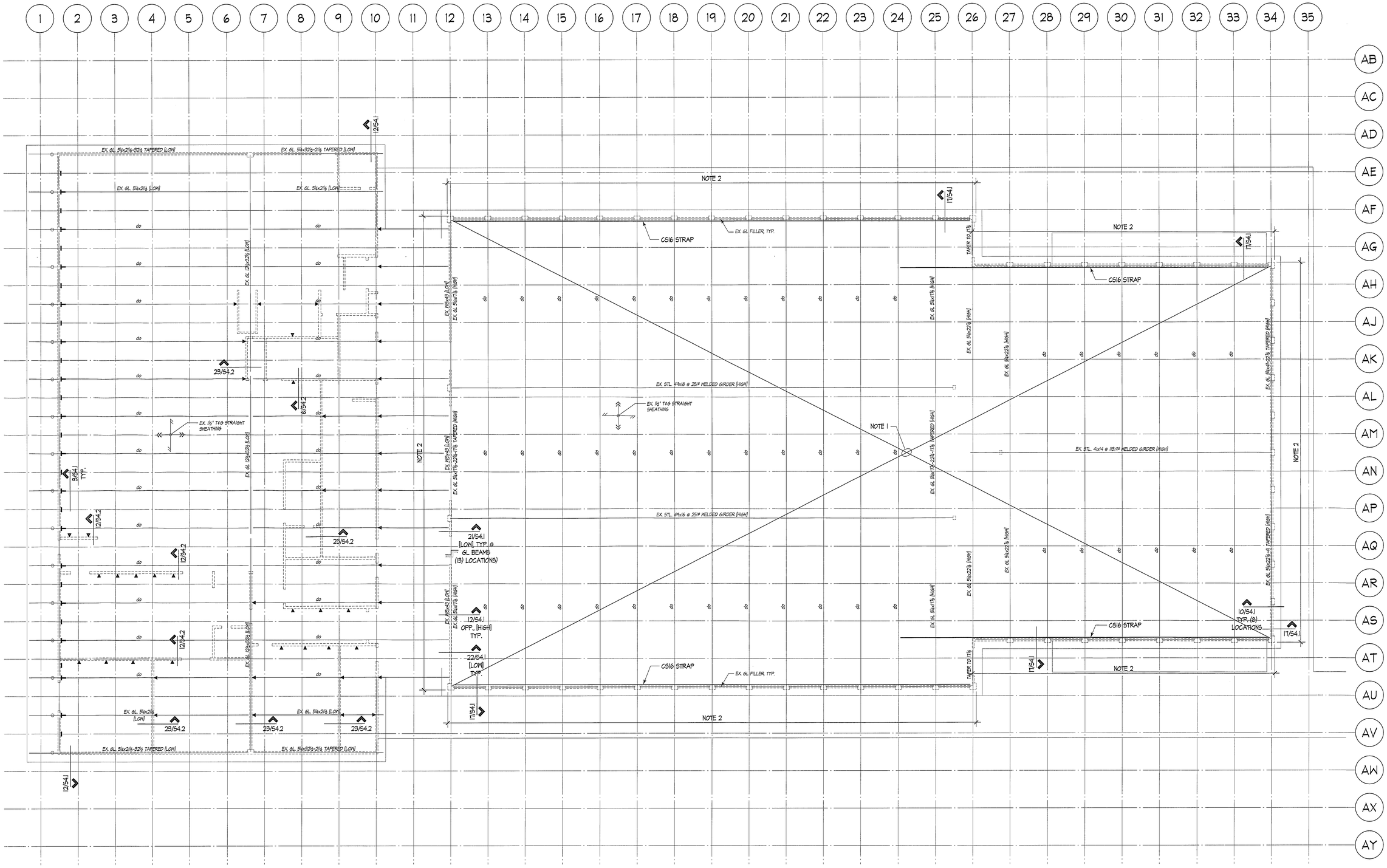
Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING A
FLOOR PLAN

S2.1

RECEIVED
MAY - 3 2002
BUILDING DEPT.

Plotted: 02 MAY 2002 10:00 File: W:\S-Projects\S010083-01 Edmonds SD #15 Woodway HS\Drawings\Arch\S2.1 Bldg A Floor Plan.dwg By: RJH Date/Time: May 01, 2002 1:52 p.m. Xrefs: A1.0.dwg, A1.1.dwg, A1.2.dwg, A1.3.dwg, A2.0.dwg, A2.1.dwg, A2.2.dwg, A2.3.dwg, A3.0.dwg, A3.1.dwg, A3.2.dwg, A3.3.dwg, A4.0.dwg, A4.1.dwg, A4.2.dwg, A4.3.dwg, A5.0.dwg, A5.1.dwg, A5.2.dwg, A5.3.dwg, A6.0.dwg, A6.1.dwg, A6.2.dwg, A6.3.dwg, A7.0.dwg, A7.1.dwg, A7.2.dwg, A7.3.dwg, A8.0.dwg, A8.1.dwg, A8.2.dwg, A8.3.dwg, A9.0.dwg, A9.1.dwg, A9.2.dwg, A9.3.dwg, A10.0.dwg, A10.1.dwg, A10.2.dwg, A10.3.dwg, A11.0.dwg, A11.1.dwg, A11.2.dwg, A11.3.dwg, A12.0.dwg, A12.1.dwg, A12.2.dwg, A12.3.dwg, A13.0.dwg, A13.1.dwg, A13.2.dwg, A13.3.dwg, A14.0.dwg, A14.1.dwg, A14.2.dwg, A14.3.dwg, A15.0.dwg, A15.1.dwg, A15.2.dwg, A15.3.dwg, A16.0.dwg, A16.1.dwg, A16.2.dwg, A16.3.dwg, A17.0.dwg, A17.1.dwg, A17.2.dwg, A17.3.dwg, A18.0.dwg, A18.1.dwg, A18.2.dwg, A18.3.dwg, A19.0.dwg, A19.1.dwg, A19.2.dwg, A19.3.dwg, A20.0.dwg, A20.1.dwg, A20.2.dwg, A20.3.dwg, A21.0.dwg, A21.1.dwg, A21.2.dwg, A21.3.dwg, A22.0.dwg, A22.1.dwg, A22.2.dwg, A22.3.dwg, A23.0.dwg, A23.1.dwg, A23.2.dwg, A23.3.dwg, A24.0.dwg, A24.1.dwg, A24.2.dwg, A24.3.dwg, A25.0.dwg, A25.1.dwg, A25.2.dwg, A25.3.dwg, A26.0.dwg, A26.1.dwg, A26.2.dwg, A26.3.dwg, A27.0.dwg, A27.1.dwg, A27.2.dwg, A27.3.dwg, A28.0.dwg, A28.1.dwg, A28.2.dwg, A28.3.dwg, A29.0.dwg, A29.1.dwg, A29.2.dwg, A29.3.dwg, A30.0.dwg, A30.1.dwg, A30.2.dwg, A30.3.dwg, A31.0.dwg, A31.1.dwg, A31.2.dwg, A31.3.dwg, A32.0.dwg, A32.1.dwg, A32.2.dwg, A32.3.dwg, A33.0.dwg, A33.1.dwg, A33.2.dwg, A33.3.dwg, A34.0.dwg, A34.1.dwg, A34.2.dwg, A34.3.dwg, A35.0.dwg, A35.1.dwg, A35.2.dwg, A35.3.dwg, A36.0.dwg, A36.1.dwg, A36.2.dwg, A36.3.dwg, A37.0.dwg, A37.1.dwg, A37.2.dwg, A37.3.dwg, A38.0.dwg, A38.1.dwg, A38.2.dwg, A38.3.dwg, A39.0.dwg, A39.1.dwg, A39.2.dwg, A39.3.dwg, A40.0.dwg, A40.1.dwg, A40.2.dwg, A40.3.dwg

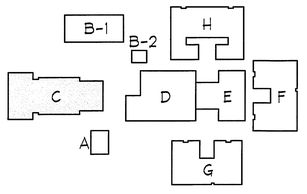


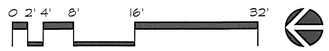
PLAN NOTES:

1. EXISTING T & G ROOF SHEATHING SHALL BE OVERLAIN WITH ½" THICK PLYWOOD (PANEL SPAN RATING 32/16). NAIL PANEL EDGES W/ 8d @ 4"oc. NAIL PANEL FIELD W/ 8d @ 12"oc EA. WAY.
2. NAIL THRU PLYWOOD SHEATHING & EXISTING T & G TO EXISTING TAPERED GL BEAM OR EX. GL FILLERS WITH 20d @ 8"oc IN PREDRILLEDOLES TO AVOID SPLITTING. ⚠1

LEGEND:

- □ INDICATES T5 WALL STRONG-BACK PER 2/54.2 OR 14/54.2 .
- ◂ INDICATES WALL BRACING PER 23/54.2 AT PERP. GL BEAM & PER 12/54.2 OR 6/54.2 WHERE WALL IS PARALLEL TO GL BEAM
- I INDICATES GLU-LAM FILLER TO WALL CONNECTION PER 4/54.1 .
- ⊢ INDICATES GLU-LAM BEAM TO WALL CONNECTION PER 6/54.1 .





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STATE OF WASHINGTON · E. COUGHLIN · 12345 · REGISTERED PROFESSIONAL ENGINEER
EXPIRES 7/25/03

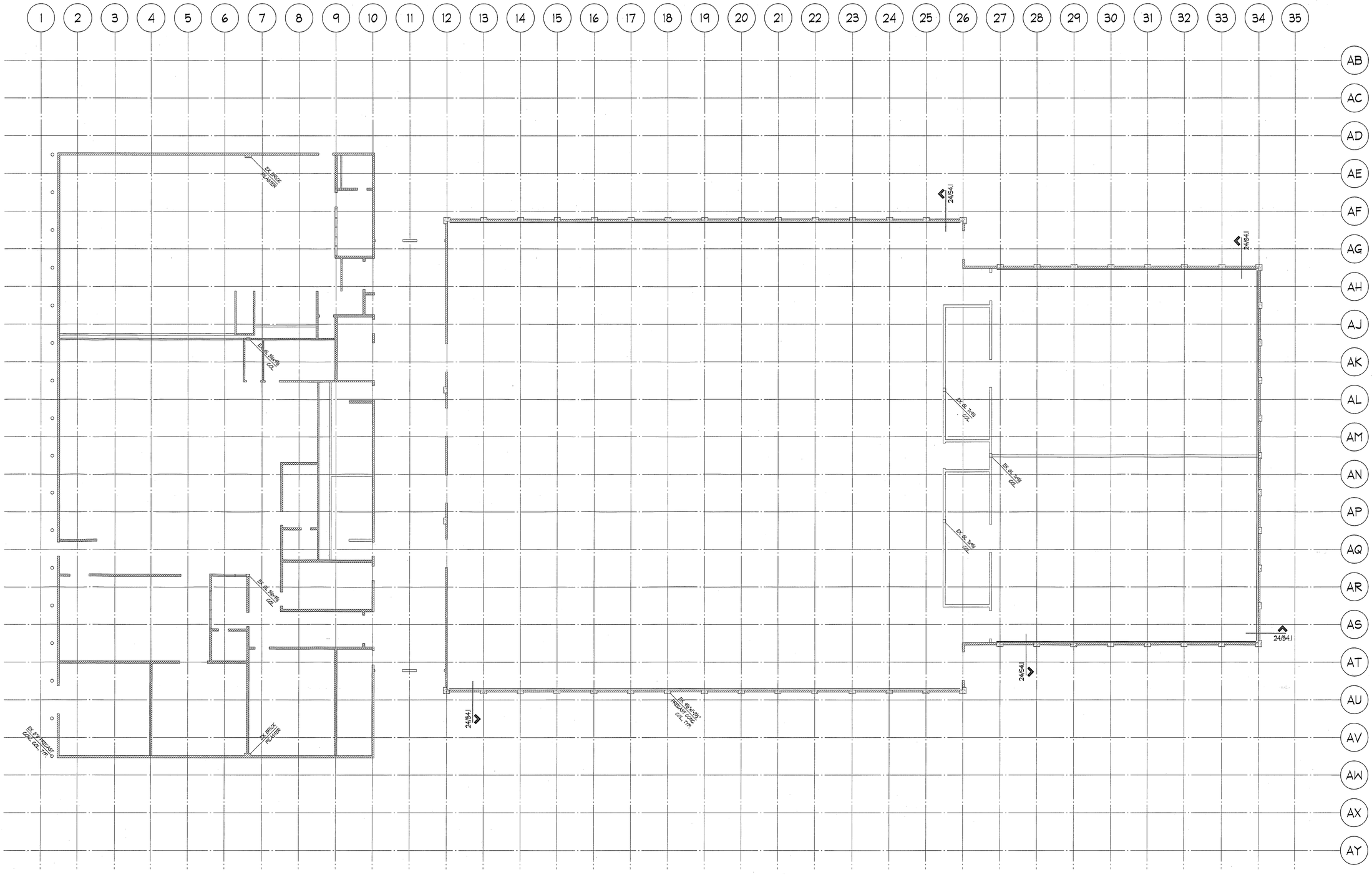
Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-10-02
Job No.:	S0100B3-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:
⚠1 PERMIT REVISIONS	06/10/02

BUILDING C
ROOF PLAN

S2.11

RECEIVED
JUN 12 2002
BUILDING DEPT.



LEGEND:

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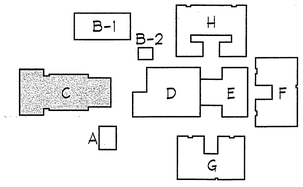
- EX. MASONRY THIS LEVEL
- EX. PARTIAL HT. MASONRY THIS LEVEL
- EX. 2x STUD WALL



0 2' 4' 8' 16' 32'

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

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Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

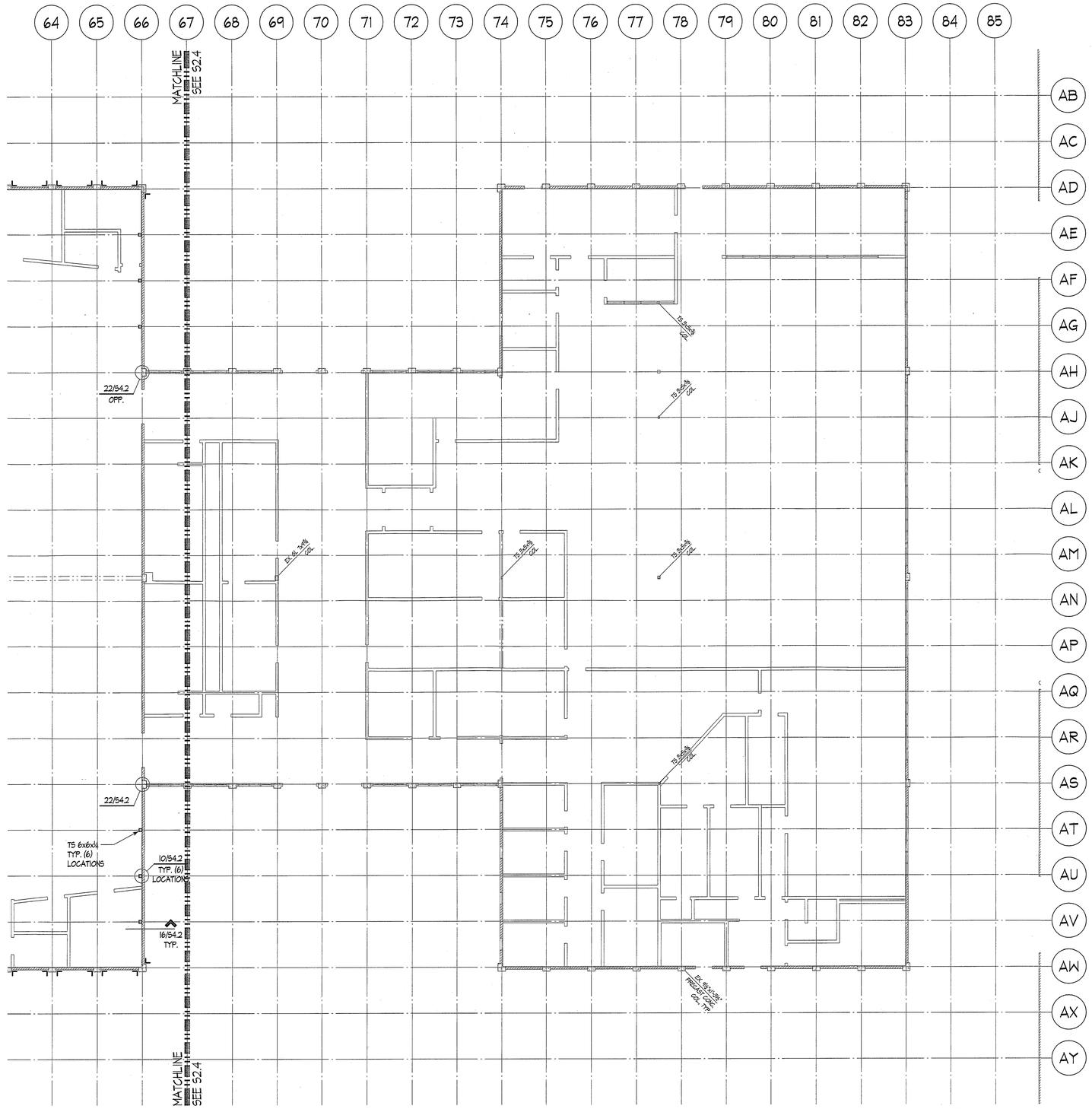
Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING C
FLOOR PLAN

S2.3

RECEIVED
MAY - 3 2002
BUILDING DEPT.

Edmonds 03 WOODWAY HIGH SCHOOL C:\My WCC Files\Proj Dir RJH Date/Time May 01, 2002 1:17 p.m. Xref FLOOR Xref Plot 1=1 Layout: arch Arch C1X_S1.dwg WCC-XREFdwg WCC-XREFdwg



LEGEND:

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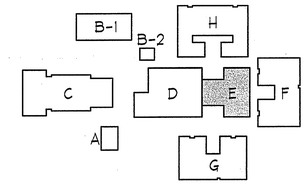
- EX. MASONRY THIS LEVEL
- EX. 2x STUD WALL



0 2' 4' 8' 16' 32'

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

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JAMES E. COUGHLIN REGISTERED PROFESSIONAL ENGINEER STATE OF WASHINGTON 20985 EXPIRES 7/20/03

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23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

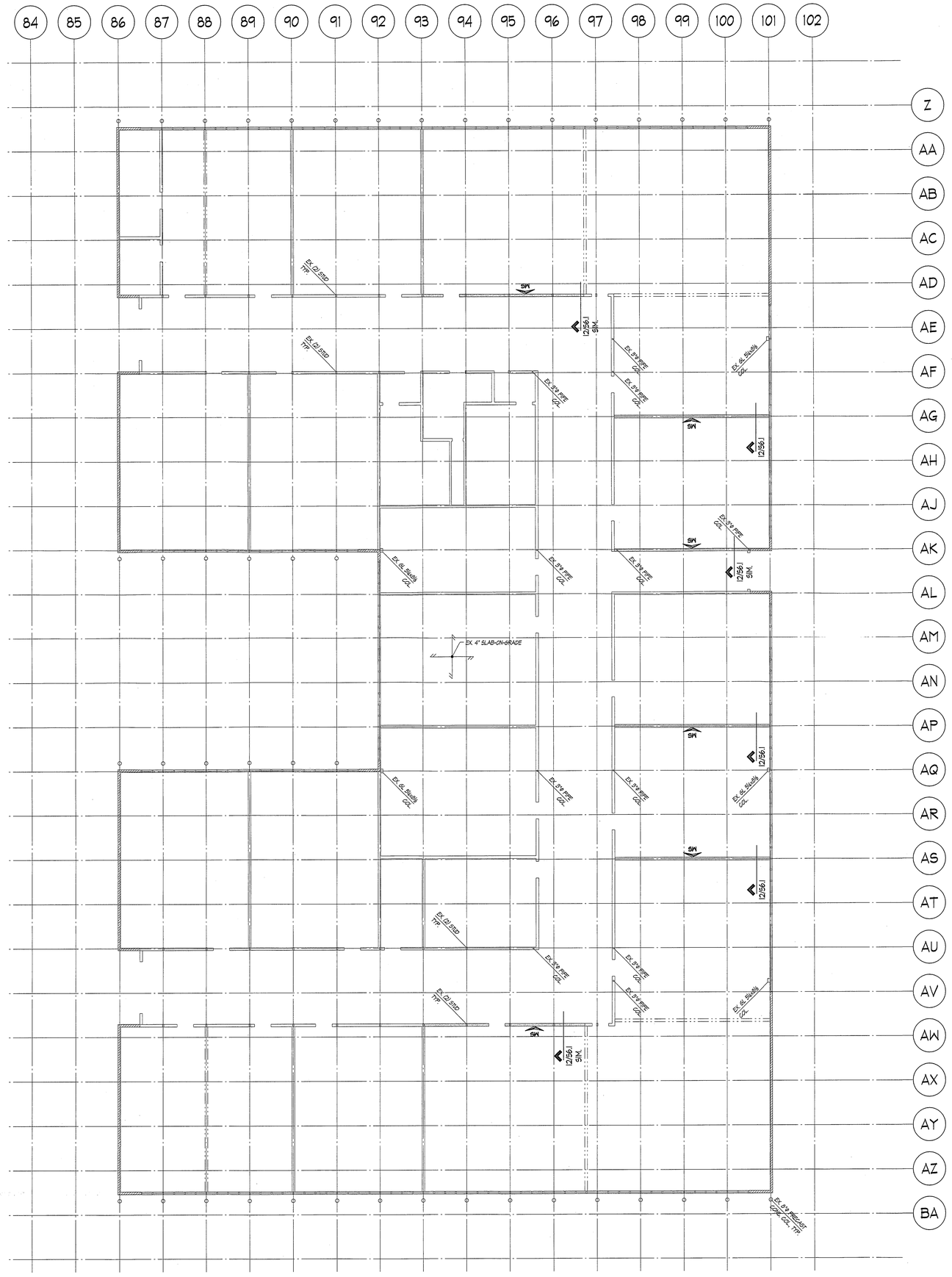
Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING E
FLOOR PLAN

S2.5

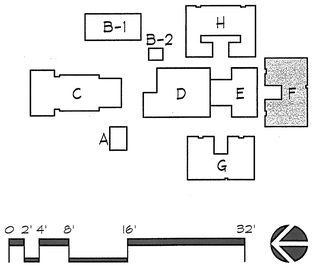
~~RECEIVED~~
MAY - 3 2002
BUILDING DEPT.

Edmonds SD #15\S010083-01 Ed. 05-01-02.dwg By: RJH Date/Time: May 01, 2002 1:31 p.m. Xref: 10x30 Xref: 11x17.dwg Layout: new 11x17 Layout: new 30x42.dwg



LEGEND:

- EX. MASONRY THIS LEVEL
- EX. 2x STUD WALL
- SW — EX. 2x STUD WALL W/ PLYWOOD SHEATHING & NAILING AT SIDE OF WALL INDICATED.



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INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 - SEATTLE WA 98104
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COUGHLIN PORTER LUNDEEN
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REGISTERED PROFESSIONAL ENGINEER — E. COUGHLIN — STATE OF WASHINGTON — EXPIRES 1/22/03

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

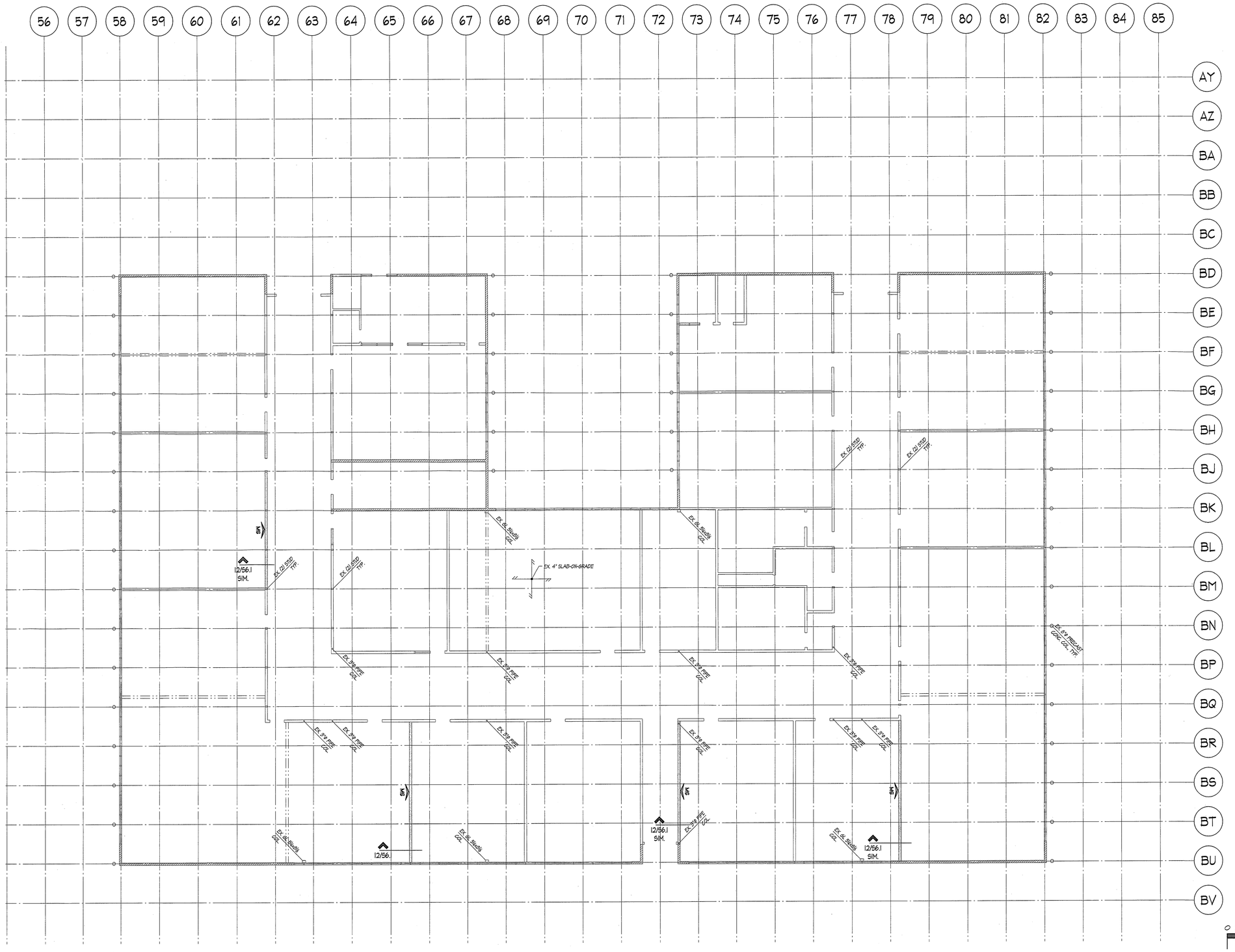
Date:	05-01-02
Job No.:	S0100B3-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING F
FLOOR PLAN

S2.6

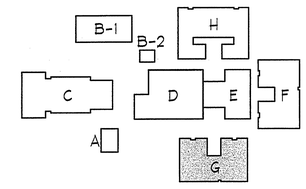
~~RECEIVED~~
MAY - 3 2002
BUILDING DEPT.

Plotted: 02/03/2002 10:20:05 By: Rob Hoyt Xrefs: Bldg Plan.dwg Bldg Sect.dwg Bldg Elev.dwg Bldg Elev-Wing.dwg



LEGEND:

- EX. MASONRY THIS LEVEL
- EX. 2x STUD WALL
- SW — EX. 2x STUD WALL W/ PLYWOOD SHEATHING & NAILING AT SIDE OF WALL INDICATED.



0 2' 4' 8' 16' 32'

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

PERMIT SET

INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 1020 · SEATTLE, WA 98104
TEL 206.623.1253 · FAX 206.623.2339

LANCE E. COUGHLIN STRUCTURAL ENGINEER STATE OF WASHINGTON EXPIRES 7/2003

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A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

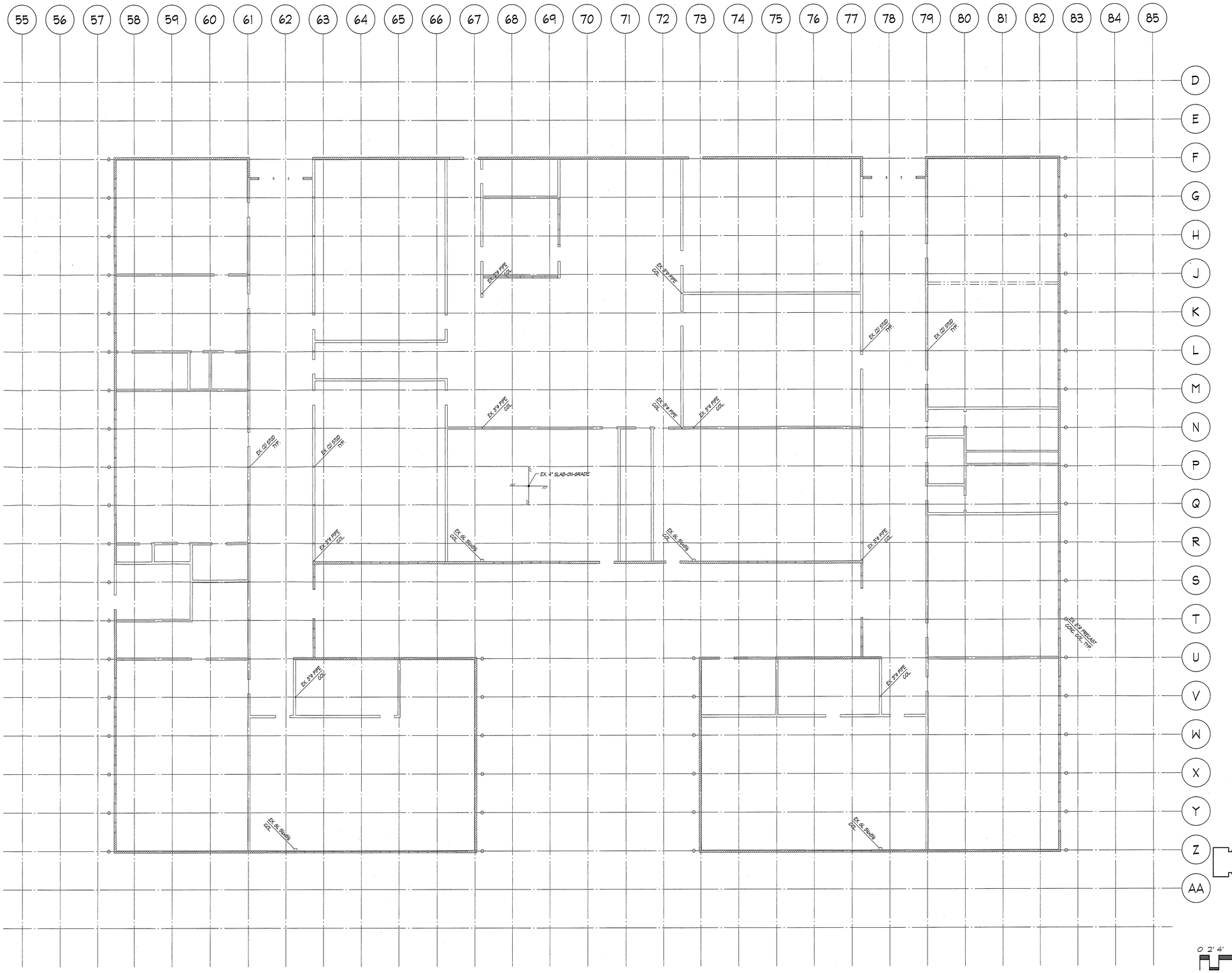
Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING G
FLOOR PLAN

S2.7

RECEIVED
MAY - 3 2002
BUILDING DEPT.

Plotted: 05 MAY 2002 8:29:47 PM By: BRZ Date/Time: May 01, 2002 1:13 pm Style Ref: Layout Name: Style: STRUCT.stb Dwg: #S2-1GBDwg Xref: #S2-1GBDwg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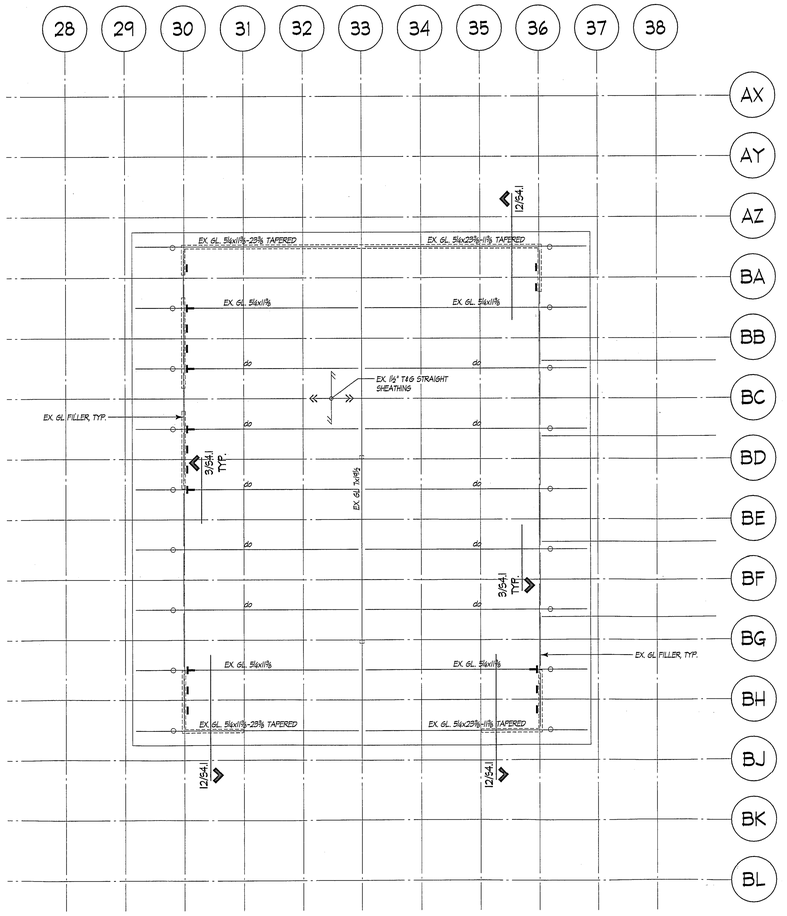
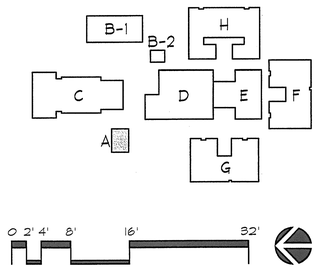
EX. 3"ø PIPE COL.
EX. 3"ø PIPE COL.



LEGEND:

- INDICATES GLU-LAM FILLER TO WALL CONNECTION PER 4/54.1 .
- INDICATES GLU-LAM BEAM TO WALL CONNECTION PER 6/54.1 .



NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

PERMIT SET

INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 • SEATTLE, WA 98104
TELEPHONE 206.623.1104 • FAX 206.623.5124

COUGHLIN PORTER LUNDEEN
217 PINE STREET - SUITE 300
SEATTLE, WA 98101
P: 206.343.0460
F: 206.343.5691
A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

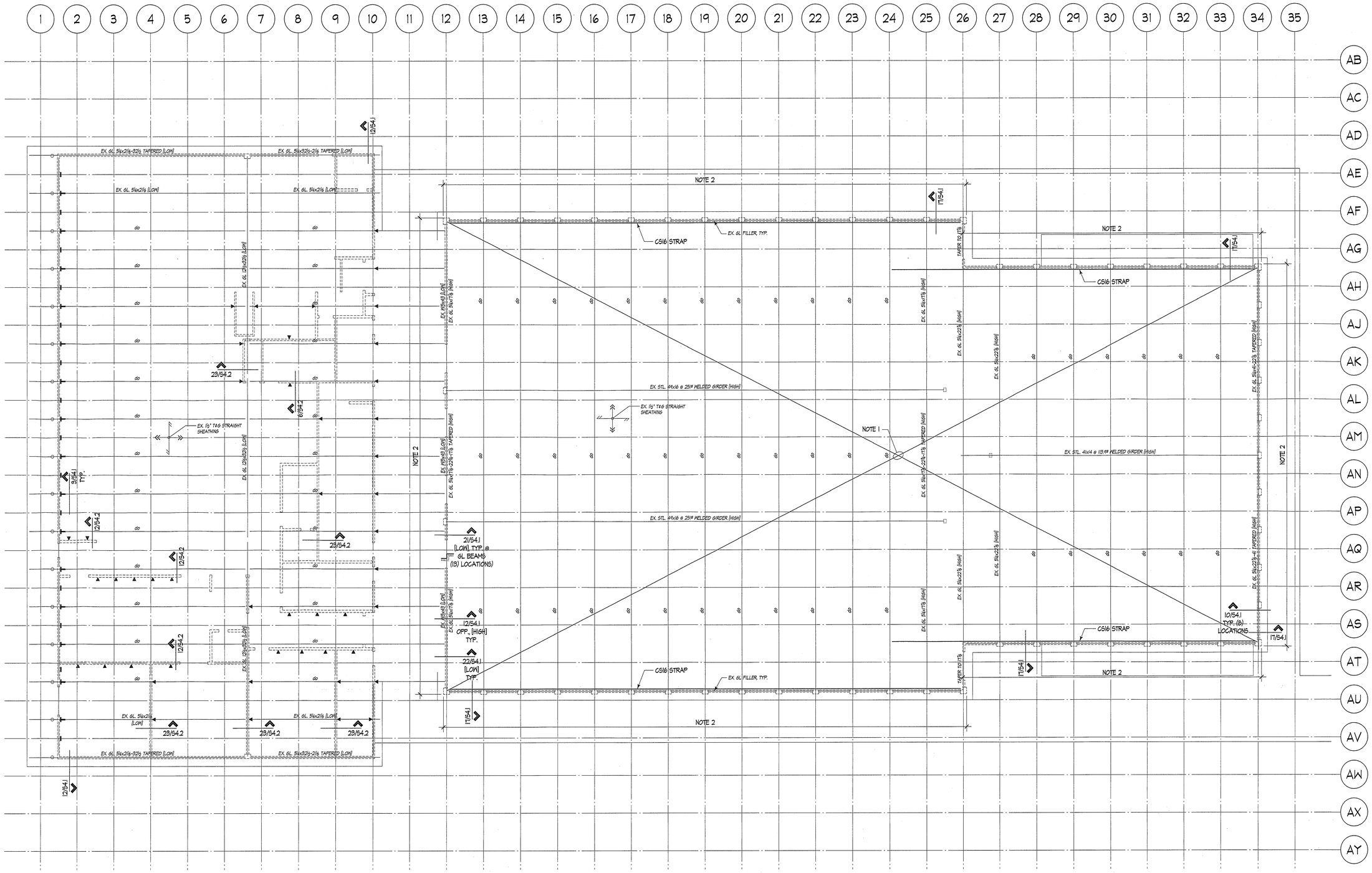
Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

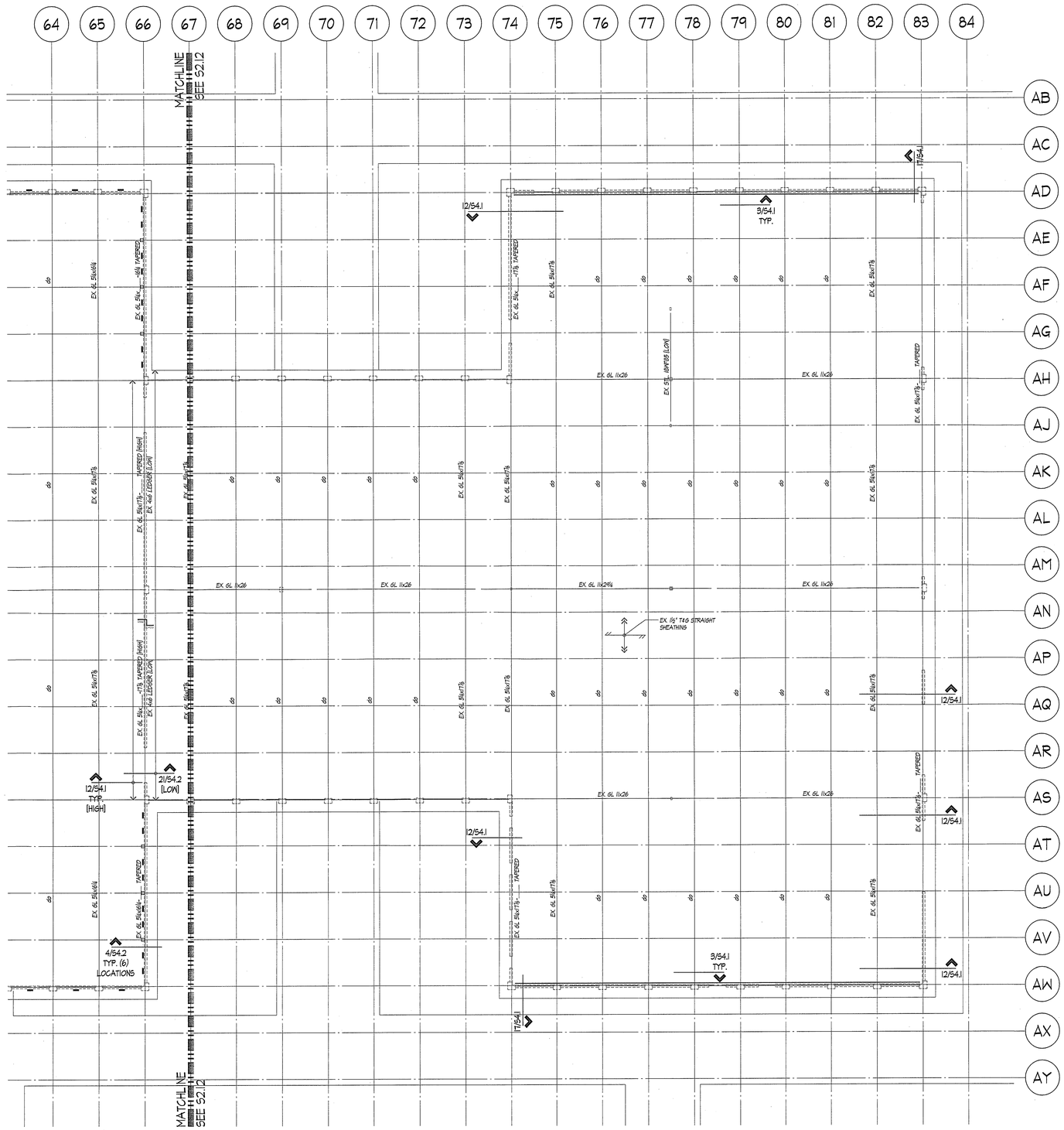
BUILDING A
ROOF PLAN

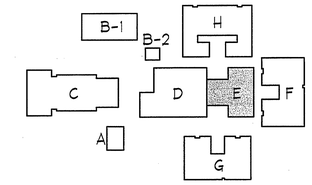
S2.9

~~RECEIVED~~
MAY - 3 2002
BUILDING DEPT.

Drawn: RJH W:\S010083-01\CAD\S2.9.dwg Last Modified: May 01, 2002 1:21 pm User: RJH Scale: 1:1 Layout: new Date: 1:24_PM.dwg W:\S-XREFs\


EX. GL 5¼x21⅛ [LOW]
EX. GL 5¼x32¼-2⅛ TAPERED [LOW]
EX. GL 5¼x32¼-3⅛ TAPERED [LOW]
EX. GL 12¼x32⅛ [LOW]
EX. GL 12¼x32⅛ [LOW]
EX. GL 5¼x21⅛ [LOW]
EX. GL 5¼x21⅛ [LOW]
EX. GL 5¼x17⅞ [HIGH]
EX. GL 5¼x17⅞-22¾-1⅞ TAPERED [HIGH]
EX. GL 5¼x22⅛ [HIGH]
EX. GL 5¼x22⅛ [HIGH]
EX. GL 5¼x17⅞ [HIGH]
EX. GL 5¼x17⅞ [HIGH]
EX. GL 5¼x22⅛ [HIGH]
EX. GL 5¼x22⅛ [HIGH]
EX. GL 5¼x17⅞-22¾-1⅞ TAPERED [HIGH]
EX. GL 5¼x17⅞-22¾-1⅞ TAPERED [HIGH]
EX. GL 5¼x22⅛-4⅛ TAPERED [HIGH]
EX. STL. 4Wx16 @ 25# WELDED GIRDER [HIGH]
EX. STL. 4Wx14 @ 113# WELDED GIRDER [HIGH]
EX. ½" T&G STRAIGHT SHEATHING
EX. ½" T&G STRAIGHT SHEATHING
CS16 STRAP
CS16 STRAP
CS16 STRAP
CS16 STRAP
EX. GL FILLER, TYP.
EX. GL FILLER, TYP.
TAPER 1⅜-0⅛
TAPER 1⅜-0⅛
NOTE 1
NOTE 2
NOTE 2
NOTE 2





0 2' 4' 8' 16' 32'

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

PERMIT SET

INTĒGRUS
ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 · SEATTLE WA 98104
TELEPHONE 206-628-3137 FAX 206-628-3138

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Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING E
ROOF PLAN

S2.13

RECEIVED
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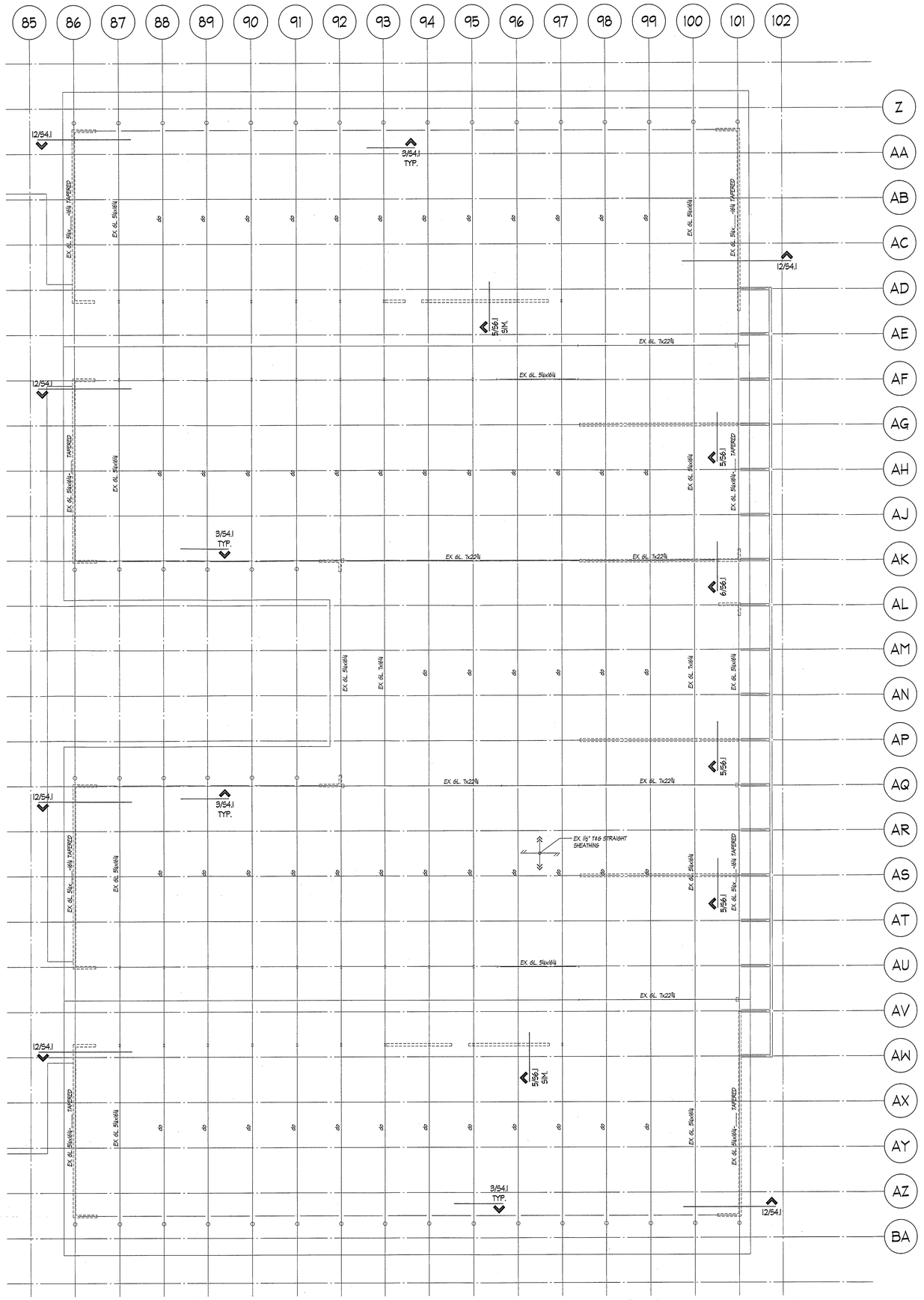
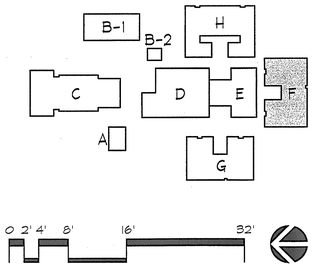
BUILDING DEPT.





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PERMIT SET

INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 • SEATTLE WA 98104
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Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

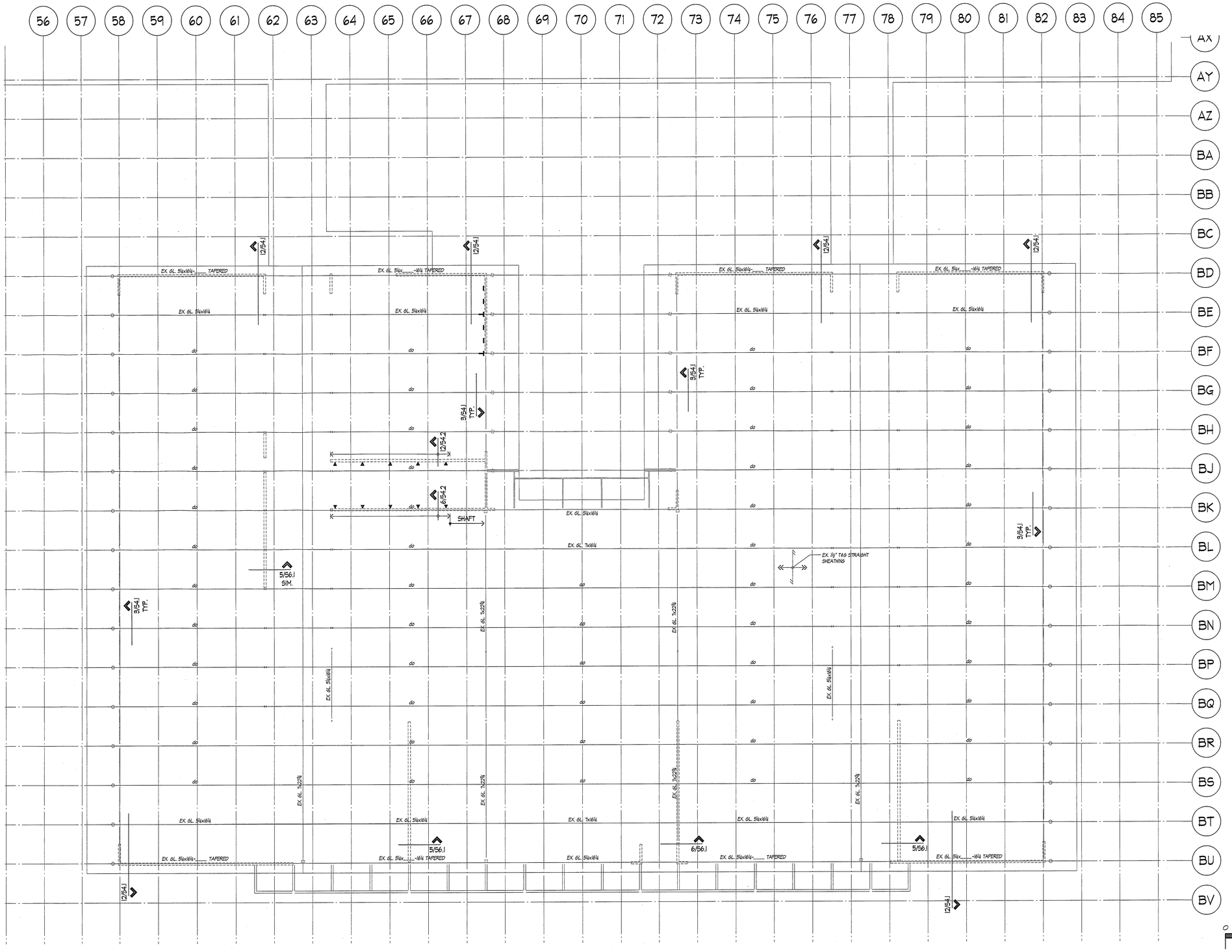
Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING F
ROOF PLAN

S2.14

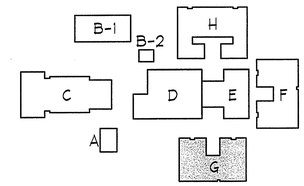
RECEIVED
MAY - 3 2002
BUILDING DEPT.

Z:\Jobs\S010083 FORMER WOODWAY HIGH SCHOOL\CAD\Drawings\S2.14.dwg 5/1/2002 1:14:11 PM Bob Riffel 1=1 Xrefs: S1.0_TITLE.dwg S1.1_GENERAL NOTES.dwg S1.2_TYPICAL DETAILS.dwg S2.1_FOUNDATION PLAN.dwg S2.2_MAIN FLOOR PLAN.dwg S2.3_UPPER FLOOR PLAN.dwg S2.4_ROOF PLAN.dwg S3.1_SECTIONS.dwg S3.2_SECTIONS.dwg S3.3_SECTIONS.dwg S3.4_SECTIONS.dwg S4.1_DETAILS.dwg S4.2_DETAILS.dwg S4.3_DETAILS.dwg S4.4_DETAILS.dwg S4.5_DETAILS.dwg S4.6_DETAILS.dwg S4.7_DETAILS.dwg S4.8_DETAILS.dwg S4.9_DETAILS.dwg S4.10_DETAILS.dwg S4.11_DETAILS.dwg S4.12_DETAILS.dwg S4.13_DETAILS.dwg S4.14_DETAILS.dwg S4.15_DETAILS.dwg S4.16_DETAILS.dwg S4.17_DETAILS.dwg S4.18_DETAILS.dwg S4.19_DETAILS.dwg S4.20_DETAILS.dwg S4.21_DETAILS.dwg S4.22_DETAILS.dwg S4.23_DETAILS.dwg S4.24_DETAILS.dwg S4.25_DETAILS.dwg S4.26_DETAILS.dwg S4.27_DETAILS.dwg S4.28_DETAILS.dwg S4.29_DETAILS.dwg S4.30_DETAILS.dwg S4.31_DETAILS.dwg S4.32_DETAILS.dwg S4.33_DETAILS.dwg S4.34_DETAILS.dwg S4.35_DETAILS.dwg S4.36_DETAILS.dwg S4.37_DETAILS.dwg S4.38_DETAILS.dwg S4.39_DETAILS.dwg S4.40_DETAILS.dwg S4.41_DETAILS.dwg S4.42_DETAILS.dwg S4.43_DETAILS.dwg S4.44_DETAILS.dwg S4.45_DETAILS.dwg S4.46_DETAILS.dwg S4.47_DETAILS.dwg S4.48_DETAILS.dwg S4.49_DETAILS.dwg



LEGEND:

- ▬ INDICATES GLU-LAM FILLER TO WALL CONNECTION PER 4/54.1 .
- T INDICATES GLU-LAM BEAM TO WALL CONNECTION PER 6/54.1 .
- ▲ INDICATES WALL BRACING PER 23/54.2 AT PERP. GL BEAM & PER 12/54.2 OR 6/54.2 WHERE WALL IS PARALLEL TO GL BEAM



0 2' 4' 8' 16' 32'

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PERMIT SET

INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 1500 · SEATTLE WA 98104
TELEPHONE 206.623.3131 · FAX 206.623.3139

COUGHLIN PORTER LUNDEEN
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SEATTLE, WA 98101
P: 206.343.0460
FAX: 206.343.0461
A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

REGISTERED PROFESSIONAL ENGINEER
E. LINDER COUGHLIN
STATE OF WASHINGTON
EXPIRES 7/25/03

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

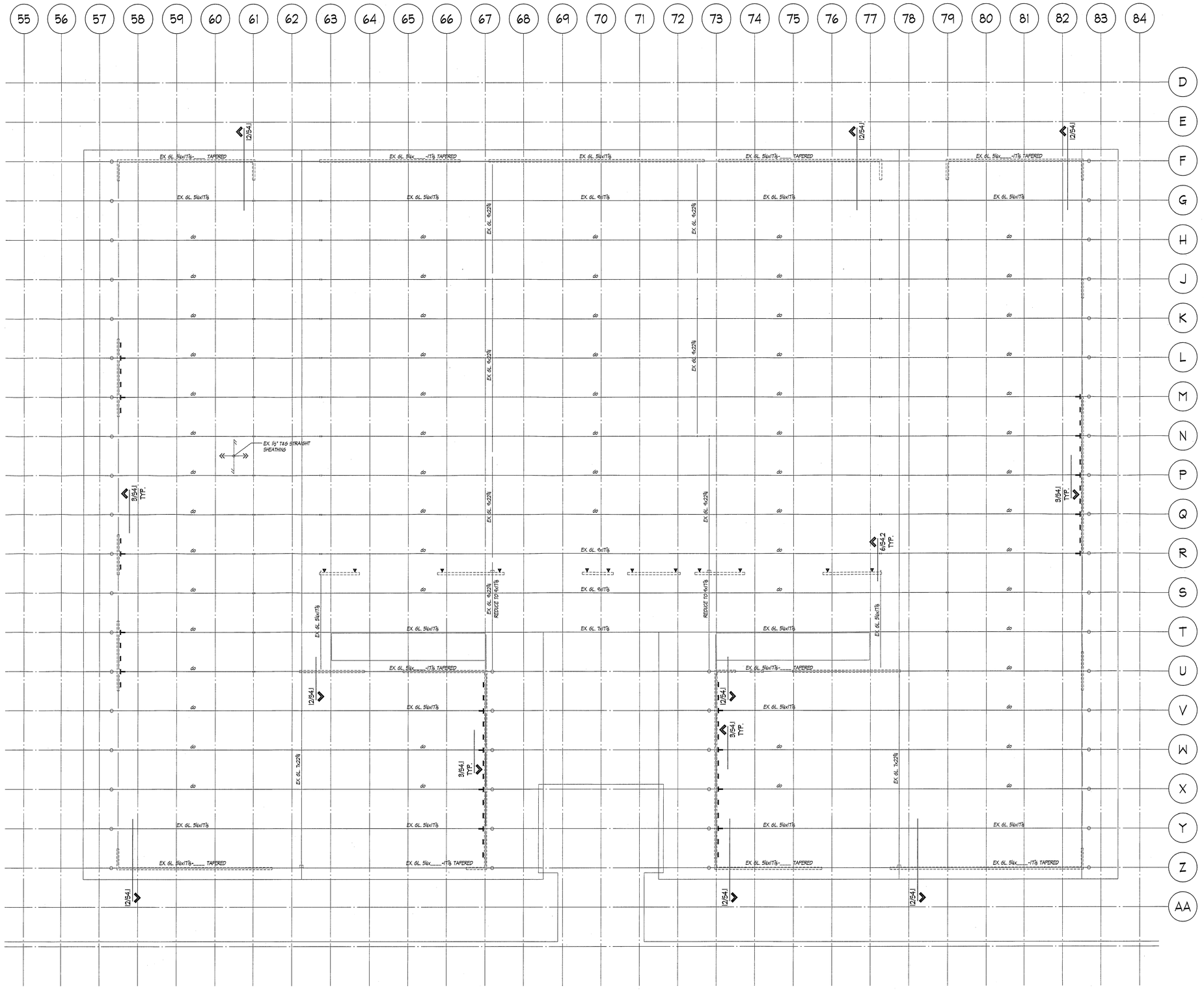
Date:	05-01-02
Job No.:	S0100B3-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING G
ROOF PLAN

S2.15

RECEIVED
MAY - 3 2002
BUILDING DEPT.

C:\Revit 03\R2003M1\05-01-02.rvt Thu, 05-02-02 By: RJH Modified on Wed, 01 May 2002 1:23 p.m. Size: 1:1 Layout: none Date: 1:50_Orthog 1:100_Orthog 1:200_Orthog 1:50_Plan

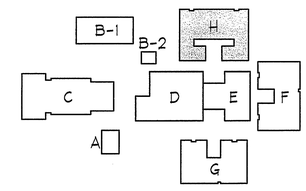


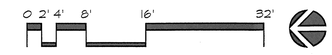
LEGEND:

▲ INDICATES WALL BRACING PER 23/S4.2 AT PERP. GL BEAM & PER 12/S4.2 OR 6/S4.2 WHERE WALL IS PARALLEL TO GL BEAM

– INDICATES GLU-LAM FILLER TO WALL CONNECTION PER 4/S4.1 .

T INDICATES GLU-LAM BEAM TO WALL CONNECTION PER 6/S4.1 .





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INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 · SEATTLE, WA 98104
TELEPHONE 206-623-3737 FAX 206-623-3138

JAMES E. COUGHLIN — REGISTERED PROFESSIONAL ENGINEER — STATE OF WASHINGTON
EXPIRES 7/27/03

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A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING H
ROOF PLAN

S2.16

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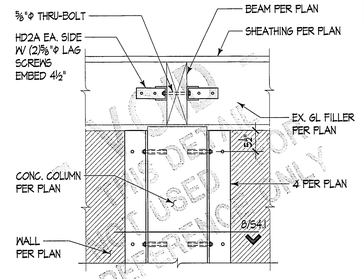
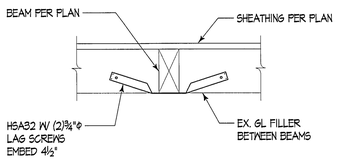
MAY - 3 2002
BUILDING DEPT.

Edmonds S2.16 S010083-01.dgn 05-01-02.dgn By: RJH Date/Time: May 01, 2002 1:25 pm Size: 1536.0mm wide 2025.0mm high Scale: 1=1 Xrefs: S010083-01-Xref.dgn S010083-02-Xref.dgn

1

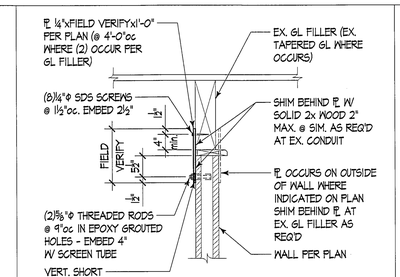


6134
2

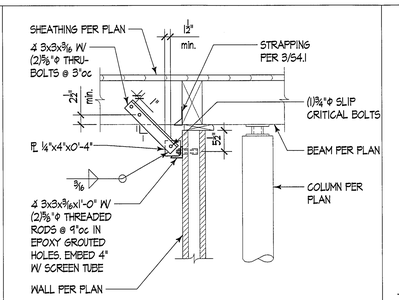


NOTE: OCCURS @ ALL GL FILLERS, TYP. U.O.N.

6101
Typ. GL Filler Strapping
3

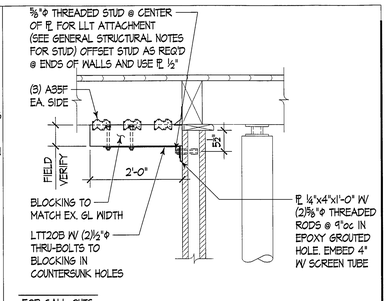


6122
Typ. In-Plane Connection @ Glu-lam Filler
4



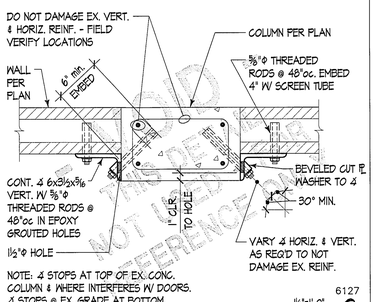
6103
5

FOR CALL-OUTS IN COMMON SEE DETAIL 5/54.1



6117
Typ. Out-of-plane Wall Bracing @ Glu-lam Filler
6

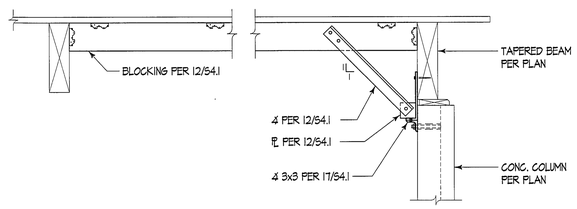
7



NOTE: 4 STOPS AT TOP OF EX. CONC. COLUMN & WHERE INTERFERES W/ DOORS. 4 STOPS @ EX. GRADE AT BOTTOM.

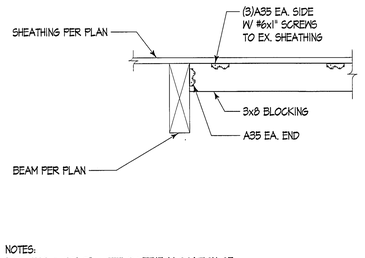
1½"=1'-0"

6127
Plan at Ex. Precast Conc. Column
8

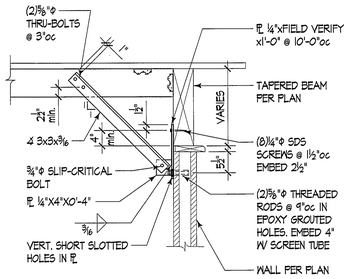


FOR CALL-OUTS IN COMMON SEE DETAIL 12/54.1

6133
10



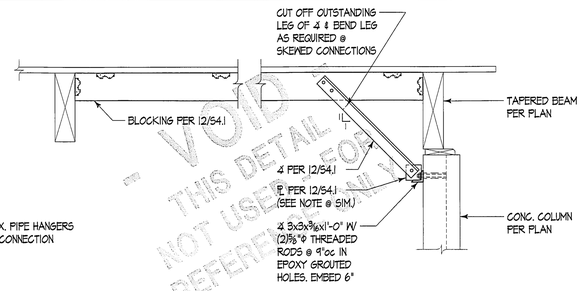
NOTES:
1. OCCURS @ ±10'-0"oc. FIELD VERIFY LOCATION OF EX. EMBEDDED RODS @ ±10'-0"oc & LOCATE BRACE BETWEEN. LOCATE FIRST BRACE 5'-0" FROM ANY PERPENDICULAR MASONRY WALL. (1) MIN PER WALL.
2. NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.



6102
Typ. Tapered GL Connection
12

13

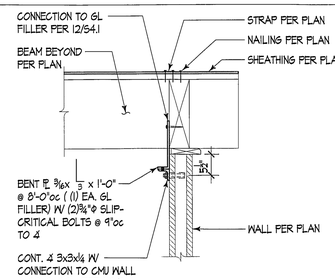
14



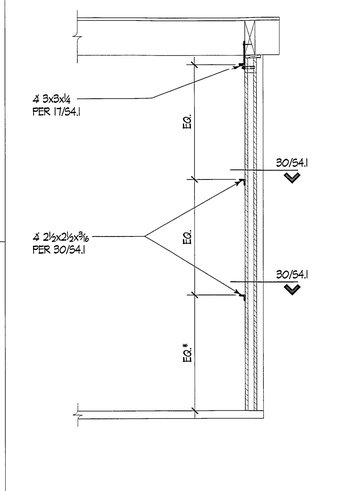
NOTE: FIELD VERIFY EX. PIPE HANGERS @ SIM. & SKEW 4 AND CONNECTION IN PLAN AS REQUIRED.

FOR CALL-OUTS IN COMMON SEE DETAIL 12/54.1

6128
16



6115
17

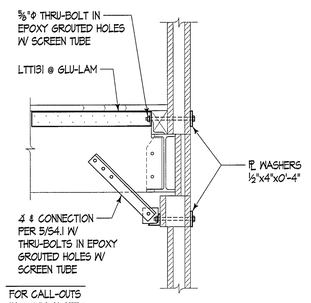


* AT GYMNASIUM, LOCATE FIRST 4 1'-0" ABOVE TOP OF BLEACHERS.

N.T.S.
6114
24

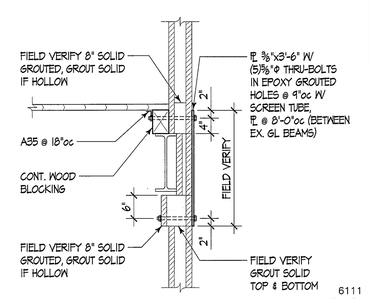
19

20



FOR CALL-OUTS IN COMMON SEE DETAIL 22/54.1

6112
21

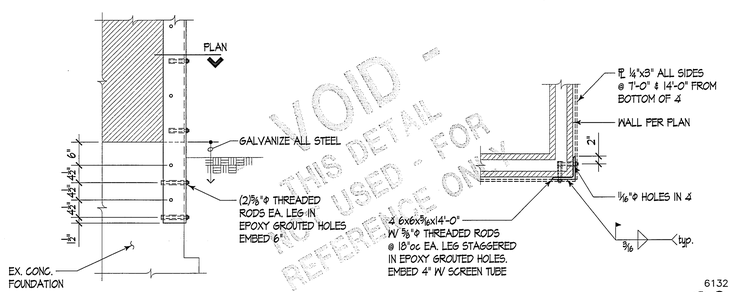


6111
22

23

25

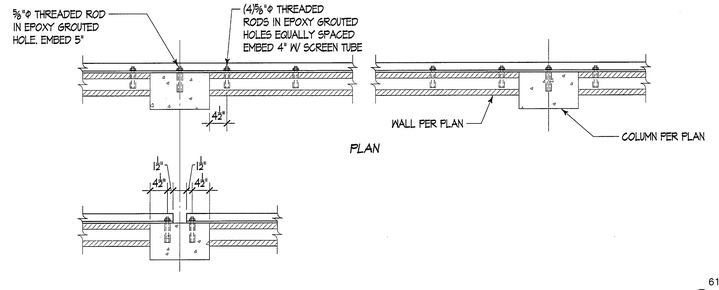
26



SECTION AT FOUNDATION

PLAN

6132
28



COLUMN CONNECTION @ SPLICE

6113
30

BID SET

INTEGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 - SEATTLE WA 98104
TELEPHONE 206-628-3127 FAX 206-628-3138

COUGHLIN PORTER LUNDEEN
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P: 206/343-0460
F: 206/343-5691
A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-10-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:
PERMIT REVISIONS	06/10/02

MASONRY DETAILS

S4.1
Resub

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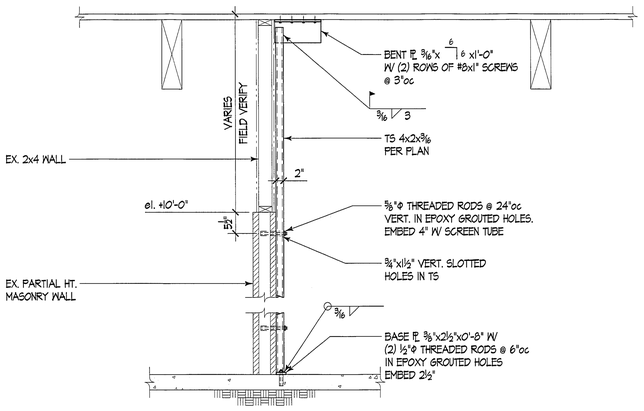
JUN 12 2002
BUILDING DEPT.

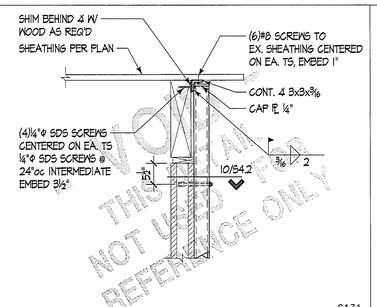
VOID - THIS DETAIL NOT USED FOR REFERENCE ONLY



NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

6118

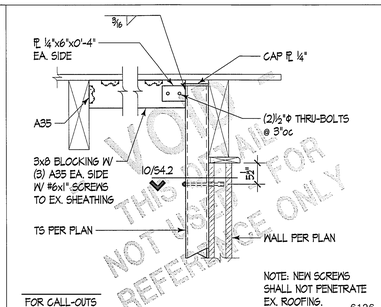
Strong-Back Between Beams **2**



NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

6131

3

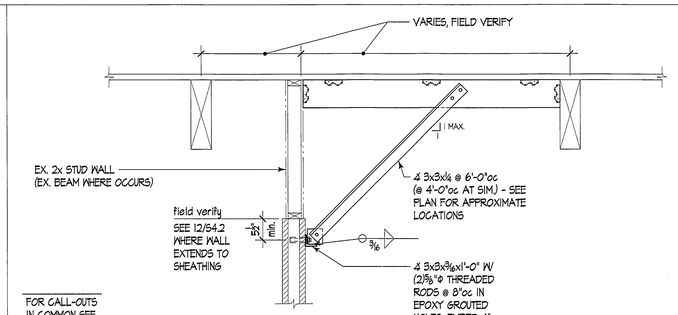


FOR CALL-OUTS IN COMMON SEE DETAIL 10/S4.2

NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

6126

4

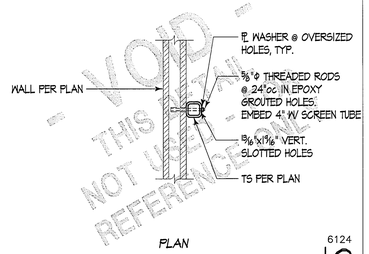


FOR CALL-OUTS IN COMMON SEE DETAIL 12/S4.1

6123

6

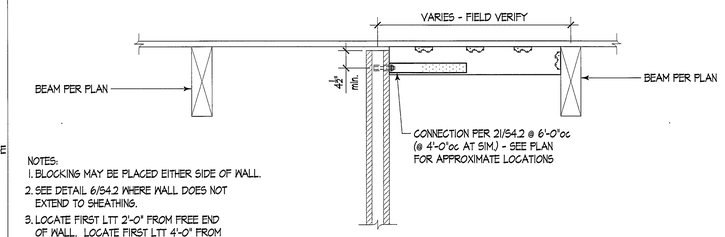
9



PLAN

6124

10

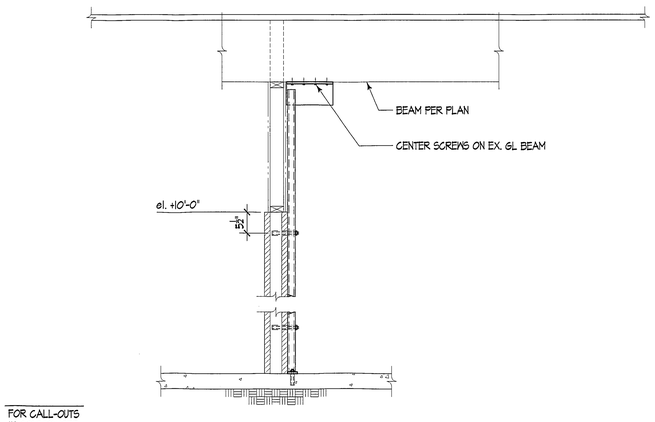


NOTES:
1. BLOCKING MAY BE PLACED EITHER SIDE OF WALL.
2. SEE DETAIL 6/S4.2 WHERE WALL DOES NOT EXTEND TO SHEATHING.
3. LOCATE FIRST LTT 2'-0" FROM FREE END OF WALL. LOCATE FIRST LTT 4'-0" FROM PERPENDICULAR MASONRY WALL.

FOR CALL-OUTS IN COMMON SEE DETAIL 21/S4.2

6121

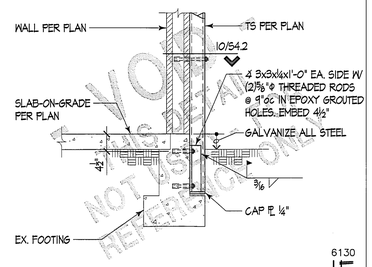
12



FOR CALL-OUTS IN COMMON SEE DETAIL 2/S4.2

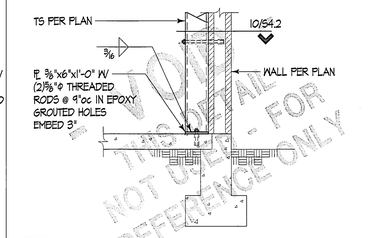
6119

Strong-Back at Perp. Beams **14**



6130

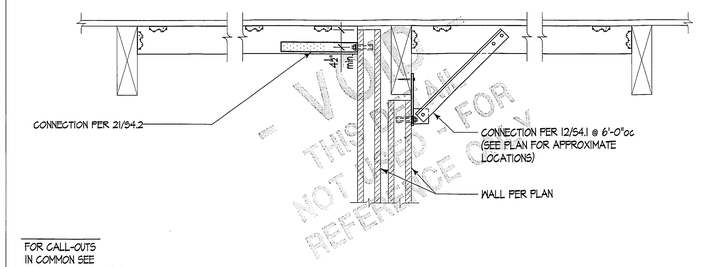
15



FOR CALL-OUTS IN COMMON SEE DETAIL 10/S4.2

6125

16



FOR CALL-OUTS IN COMMON SEE DETAIL 21/S4.2 & 12/S4.1

6107

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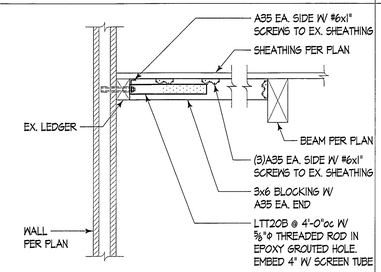
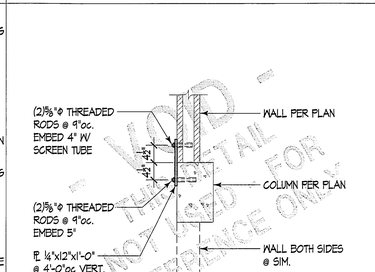


NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

6105

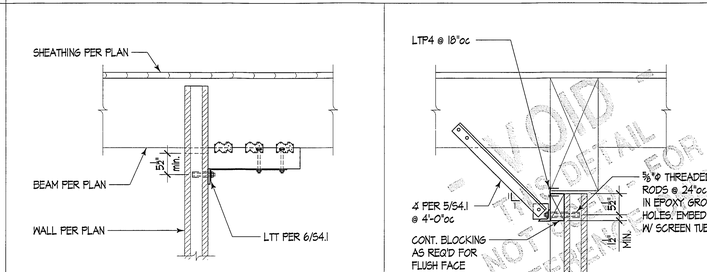
21



PLAN

6129

22



NOTE: LTT MAY BE INSTALLED EITHER SIDE OF WALL

6104

Partial Ht. Wall Bracing @ GI Beam **23**

FOR CALL-OUTS IN COMMON SEE DETAIL 5/S4.1

6106

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BID SET

INTĒGRUS ARCHITECTURE
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MASONRY DETAILS

S4.2

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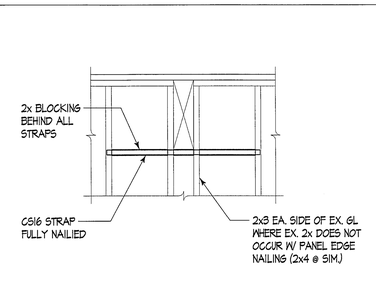
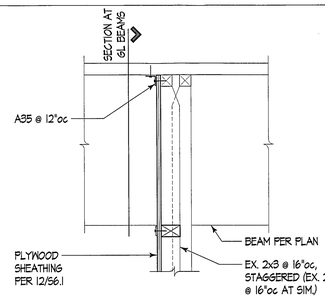
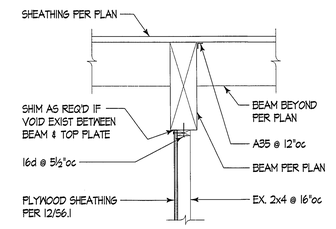


FOR CALL-OUTS IN COMMON SEE DETAIL 12/S6.1

SECTION
3/4"=1'-0"



6109
5
1 1/2"=1'-0"

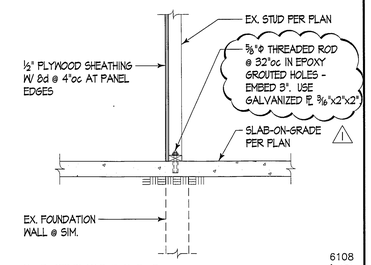


FOR CALL-OUTS IN COMMON SEE DETAIL 12/S6.1

6110
6

SHEAR WALL NOTES:

1. 1/2" THICK SHEATHING SHALL HAVE A PANEL SPAN RATING OF 24/0.
2. PANEL NAILING APPLIES TO ALL SHEATHING PANEL EDGES. NAIL SHEATHING TO INTERMEDIATE FRAMING W/ PANEL NAILS @ 12"oc.
3. SHEAR WALL CAPACITIES ARE BASED ON THE USE OF COMMON NAILS. POWER DRIVEN NAILS MAY BE SUBSTITUTED FOR COMMON NAILS PER GENERAL STRUCTURAL NOTES.
4. EXTENTS OF PLYWOOD SHOWN ON PLANS INDICATES MINIMUM LENGTH REQUIRED PER STRUCTURAL. PLYWOOD MAY BE REQUIRED TO BE EXTENDED TO ENDS OF WALLS TO FACILITATE FLUSH FURRING OF WALLS PRIOR TO NEW GWB APPLICATION. COORDINATE WITH ARCHITECTURAL.



NOTE: SEE PLAN FOR SIDE OF WALL W/ SHEATHING

6108
12

NAILING SCHEDULE
(per 1997 UBC Table 23-II-B-1)

CONNECTION	NAILING
1. Joist to sill or girder, toenail	(3) 8d
2. Bridging to joist, toenail each end	(2) 8d
3. 1" x 6" subfloor or less to each joist, face nail	(2) 8d
4. Wider than 1" x 6" subfloor to each joist, face nail	(3) 8d
5. 2" subfloor to joist or girder, blind and face nail	(2) 16d
6. Sole plate to joist or blocking, typical face nail	16d at 16"oc
Sole plate to joist or blocking, at braced wall panels	(3) 16d per 16"
7. Top plate to stud, end nail	(2) 16d
8. Stud to sole plate	(4) 8d, toenail or (2) 16d, end nail
9. Double studs, face nail	16d at 24"oc
10. Doubled top plates, typical face nail	16d at 16"oc
Double top plates, lap splice	(8) 16d
11. Blocking between joists or rafters to top plate, toenail	(3) 8d
12. Rim joist to top plate, toenail	8d at 6"oc
13. Top plates, laps and intersections, face nail	(2) 16d
14. Continuous header, two pieces	16d at 16"oc along each edge
15. Ceiling joists to plate, toenail	(3) 8d
16. Continuous header to stud, toe nail	(4) 8d
17. Ceiling joists, lap over partitions, face nail	(3) 16d
18. Ceiling joists to parallel rafters, face nail	(3) 16d
19. Rafter to plate, toenail	(3) 8d
20. 1" brace to each stud and plate, face nail	(2) 8d
21. 1" x 8" sheathing or less to each bearing, face nail	(2) 8d
22. Wider than 1" x 8" sheathing to each bearing, face nail	(3) 8d
23. Built-up corner studs	16d at 24"oc
24. Built-up girder and beams	20d at 32"oc at top and bottom and staggered (2) 20d at ends and at each splice

6000
30

BID SET

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1 PERMIT REVISIONS	06/10/02

WOOD DETAILS

S6.1

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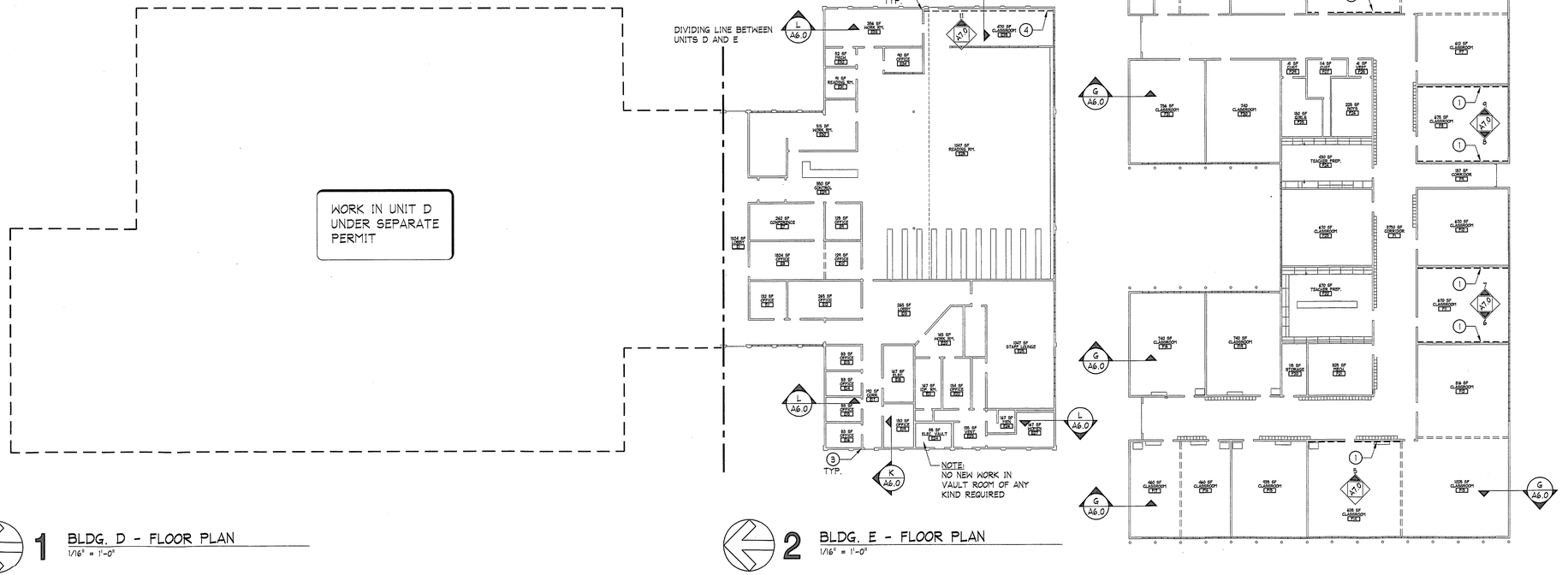
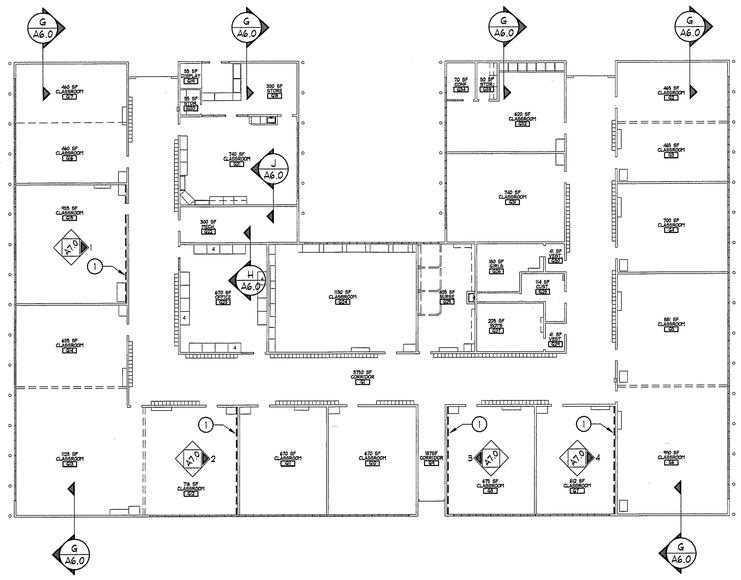
Plotted: 6/10/2002 10:59:21 AM By: Ken Dahlberg Last Saved By: Ken Dahlberg on: Jun 10, 2002 10:59:21 AM File: S:\010083-01 Edmonds SD\Drawings\Arch\Sheets\S6.1.dwg



1 BLDG. D - FLOOR PLAN
1/16" = 1'-0"

2 BLDG. E - FLOOR PLAN
1/16" = 1'-0"



3 BLDG. F - FLOOR PLAN
1/16" = 1'-0"

NORTH

4 BLDG. G - FLOOR PLAN
1/16" = 1'-0"

NORTH

GENERAL NOTES:

STRUCTURAL WORK IS INDICATED ON THIS DRAWING IS SHOWN REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN IN THE STRUCTURAL DRAWINGS.

KEY NOTES:

(1) NEW WD. SHEATHING AT EXISTING WALL TO EXTENT INDICATED. (ONE SIDE TYP.) SCOPE OF WORK TO INCLUDE THE FOLLOWING:

-REMOVE AND PROTECT ALL EXISTING ITEMS ATTACHED TO WALL SURFACE INCL. ELEC. DEVICES, EQUIPMENT, ETC.
-STRIP EXIST. WALL SHEATHING (TO STUDS), FULL HEIGHT OF WALL, AT SIDE OF WALL INDICATED IN THE DRAWINGS.
-INSTALL NEW WD. SHEATHING & PLATE ANCHORS AS INDICATED IN STRUCT. DWGS.
-FURNISH AND INSTALL (1) LAYER OF 1/2" GWB, FINISH AND PAINT FULL HEIGHT OF WALL PER SPEC.'S.
-RE-ATTACH ALL REMOVED EXISTING ITEMS TO WALL.

ALL EXISTING DEVICES AND FIXTURES AFFECTED BY THE WORK, SHALL BE REINSTATLLED TO PREVIOUS WORKING ORDER. SEE NOTES SHEET E1.0 FOR ADD.'L REQUIREMENTS.

(3) NOTCH EXISTING WALL PARTITION (APPROX 6 SQ. IN.) @ EXTERIOR WALL TO ACCOMODATE NEW CONT. STRUCTURAL BRACE PENETRATION. REFINISHING NOT REQ.'D WHERE ABOVE FIN. CEILING.

(4) EXTENT OF EXIST. WOOD SLAT ACOUSTIC WALL TREATMENT-
-REFER WALL SECTIONS

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3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

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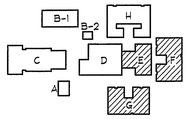
Revisions:	



BUILDING FLOOR PLANS

A1.0

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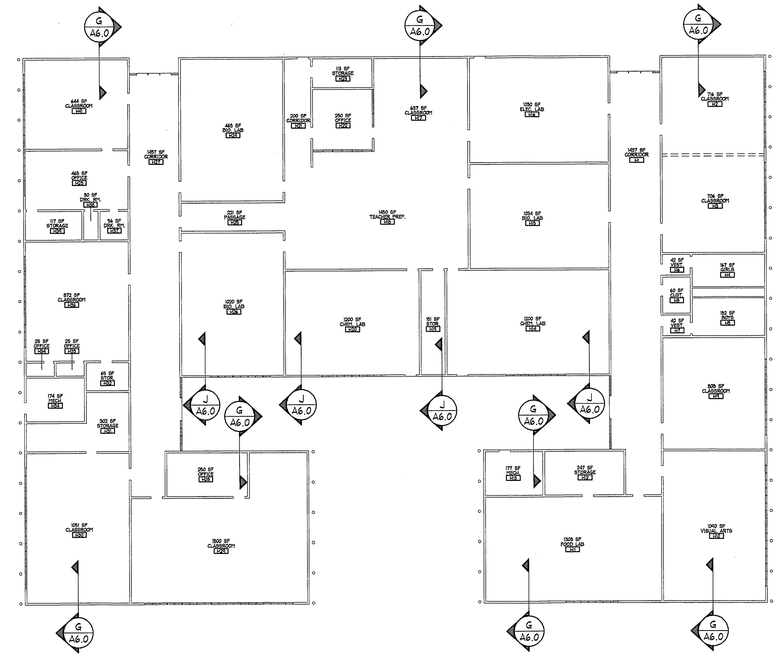
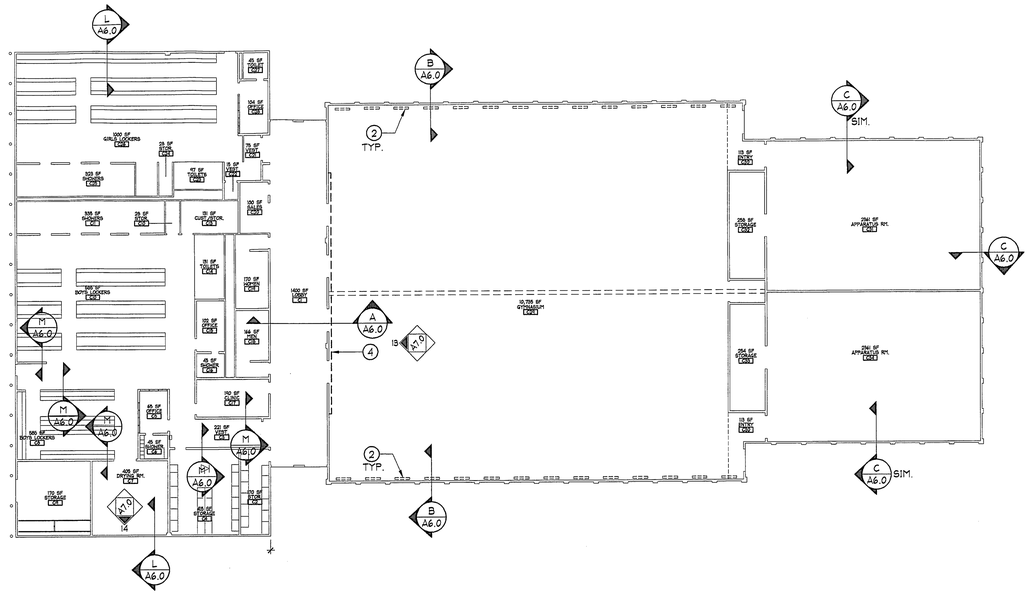


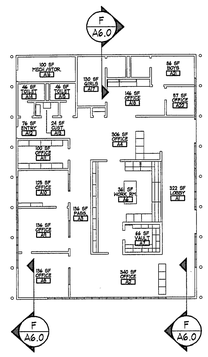
1 BLDG. H - FLOOR PLAN
1/16" = 1'-0"

NORTH



2 BLDG. C - FLOOR PLAN
1/16" = 1'-0"

NORTH



3 BLDG. A - FLOOR PLAN
1/16" = 1'-0"

NORTH

GENERAL NOTES:

STRUCTURAL WORK INDICATED ON THIS DRAWING IS SHOWN FOR REFERENCE PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN IN THE STRUCTURAL DRAWINGS.

KEY NOTES:

(1) NEW WD. SHEATHING AT EXISTING WALL TO EXTENT INDICATED. (ONE SIDE TYP.) SCOPE OF WORK TO INCLUDE THE FOLLOWING:

-REMOVE AND PROTECT ALL EXISTING ITEMS ATTACHED TO WALL SURFACE INCL. ELEC. DEVICES, EQUIPMENT, ETC.
-STRIP EXIST. WALL SHEATHING (TO STUDS), FULL HEIGHT OF WALL, AT SIDE OF WALL INDICATED IN THE DRAWINGS.
-INSTALL NEW WD. SHEATHING & PLATE ANCHORS AS INDICATED IN STRUCT. DWGS.
-FURNISH AND INSTALL (1) LAYER OF 1/2" GWB, FINISH AND PAINT FULL HEIGHT OF WALL PER SPEC.'S.
-RE-ATTACH ALL REMOVED EXISTING ITEMS TO WALL.

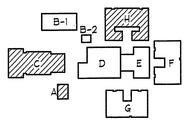
ALL EXISTING DEVICES AND FIXTURES AFFECTED BY THE WORK, SHALL BE REINSTATLLED TO PREVIOUS WORKING ORDER. SEE NOTES SHEET E1.0 FOR ADD.'L REQUIREMENTS.

(2) EXIST. ACOUSTIC WALL PANEL TO BE REPLACED -REFER WALL SECTIONS

(3) NOTCH EXISTING WALL PARTITION (APPROX 6 SQ. IN.) @ EXTERIOR WALL TO ACCOMODATE NEW CONT. STRUCTURAL BRACE PENETRATION. REFINISHING NOT REQ.'D WHERE ABOVE FIN. CEILING.

(4) EXTENT OF EXIST. WOOD SLAT ACOUSTIC WALL TREATMENT- -REFER WALL SECTIONS

(5) NEW VERT. TUBE STEEL 'STRONGBACK' -REFER STRUCTURAL DWGS.



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3994
REGISTERED ARCHITECT
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BUILDING FLOOR PLANS

A1.1

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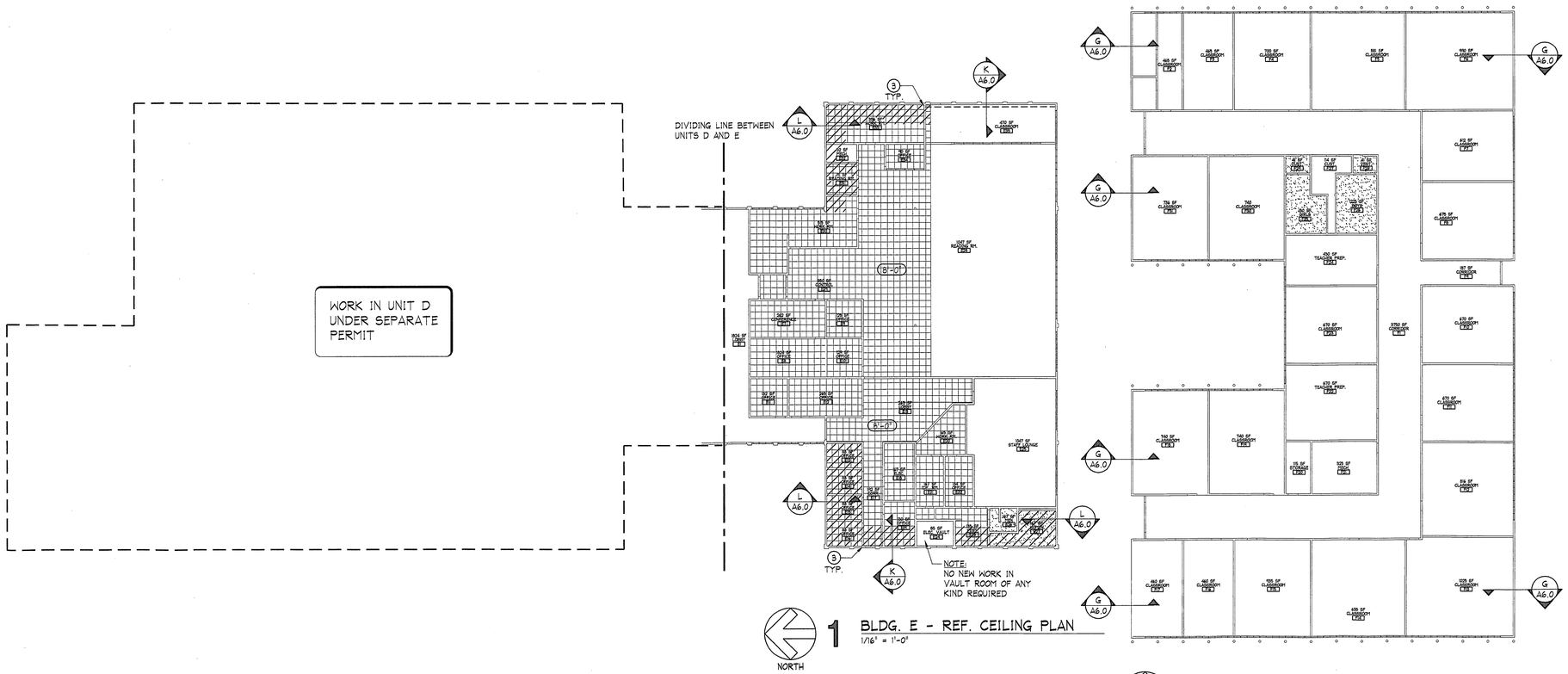
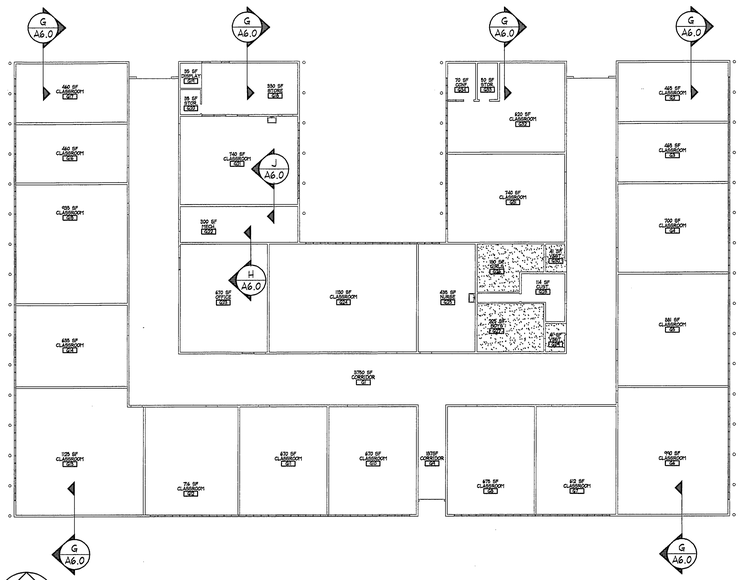


1 BLDG. E - REF. CEILING PLAN
1/16" = 1'-0"



2 BLDG. F - REF. CEILING PLAN
1/16" = 1'-0"

3 BLDG. G - REF. CEILING PLAN
1/16" = 1'-0"

GENERAL NOTES:

1. STRUCTURAL WORK INDICATED ON THIS SHEET IS SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN IN THE STRUCTURAL DRAWINGS.
2. CEILING SYMBOLS SHOWN ON THIS SHEET ARE FOR GENERAL REFERENCE ONLY. EXISTING CEILING TYPES & ASSEMBLIES VARY- REFER 'EXISTING REF. CEILING PLANS' FOR SPECIFIC CEILING ASSEMBLY INFORMATION.
3. REFER SPEC. SECTION 02225 FOR MINOR DEMOLITION REQUIREMENTS.
4. REMOVE & REINSTALL MISC. MECHANICAL AND ELECTRICAL SYSTEMS & DEVICES AS REQUIRED FOR REMOVAL AND REPLACEMENT OF EXISTING CEILING. PROVIDE FOR FINAL CONNECTION AND TESTING AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.

KEY NOTES:

(3) NOTCH EXISTING WALL PARTITION (APPROX 6 SQ. IN.) @ EXTERIOR WALL TO ACCOMODATE NEW CONT. STRUCTURAL BRACE PENETRATION. REFINISHING NOT REQ.'D WHERE ABOVE FIN. CEILING.

CEILING LEGEND:

(AREAS NOT HATCHED INDICATE EXPOSED ROOF/CEILING STRUCTURE)

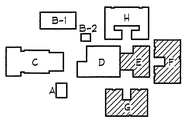
INDICATES AREA OF SUSPENDED CEILING

INDICATES GYP. CEILING ASSEMBLY

INDICATES PORTION OF CEILING TO BE REMOVED AND RESTORED (AS FOLLOWS) AS PART OF BASE BID:

SUSPENDED CEILINGS: REMOVE & REINSTALL. BASE BID TO INCLUDE NEW CEILING TILES (TO MATCH EXISTING) FOR UP TO 20% OF DISTURBED CEILING AREA

GYP. CEILINGS: REMOVE & REPLACE. NOTE: DISTURBED GYPSUM CEILINGS AT EXISTING STORAGE ROOMS SHALL BE REPLACED TO BE OF 1-HR. FIRE RATED CONSTRUCTION.



PERMIT SET

INTEGRUS ARCHITECTURE
700 TOWN & DIAMOND SUITE 200 KIRKLAND WA 98034
TELEPHONE 506-635-5657 FAX 506-635-3198

3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	5-01-02
Job No.:	20157.00
Drawn By:	CS
Checked By:	BC
Filename:	157A2-0
Revisions:	

REF. CEILING PLANS

A2.0

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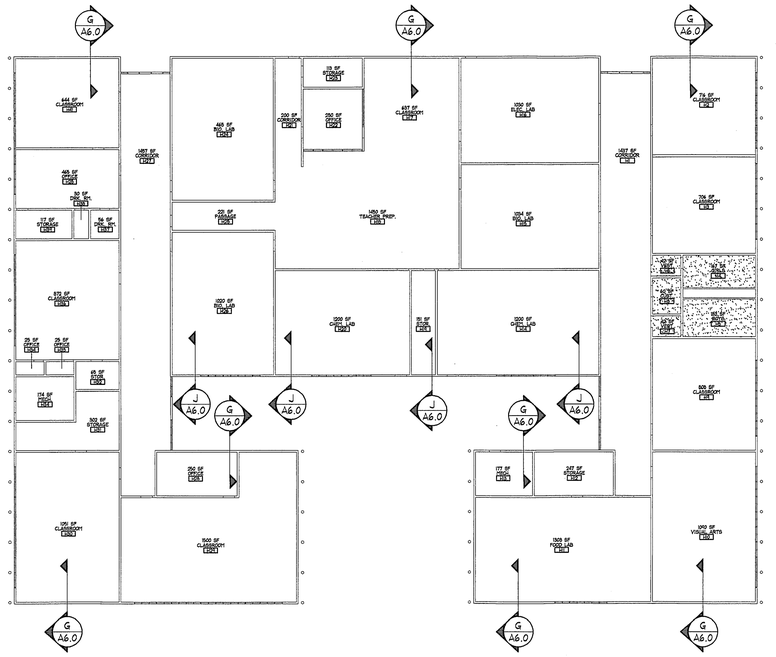
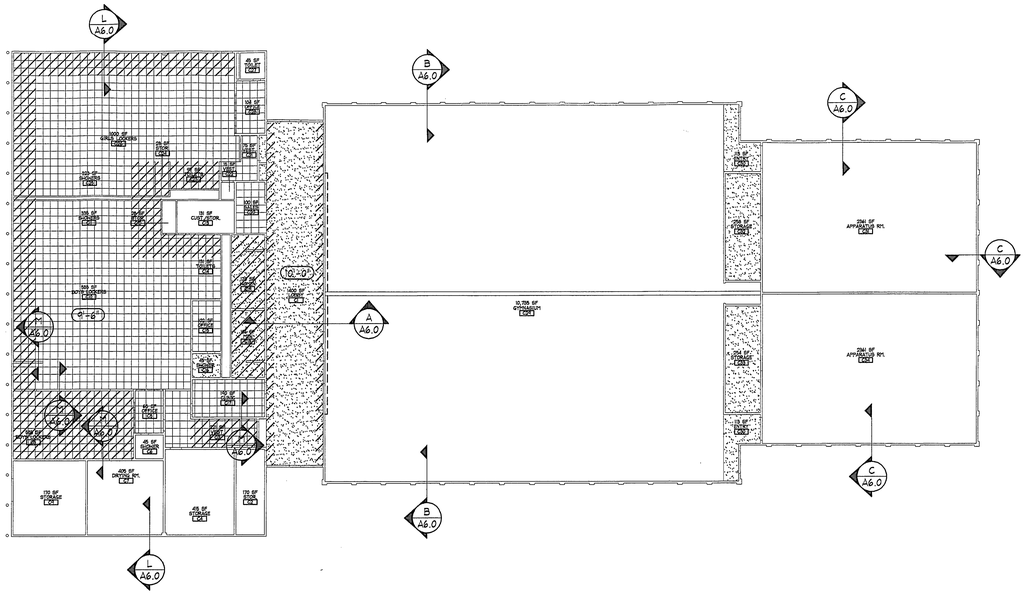
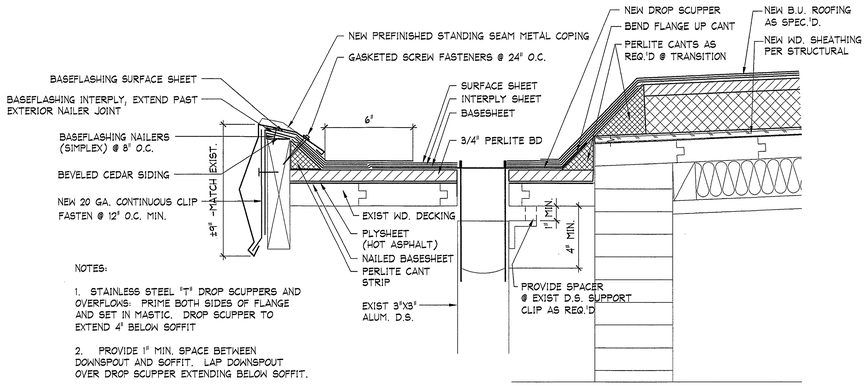


1 BLDG. H - REF. CEILING PLAN
1/16" = 1'-0"

NORTH

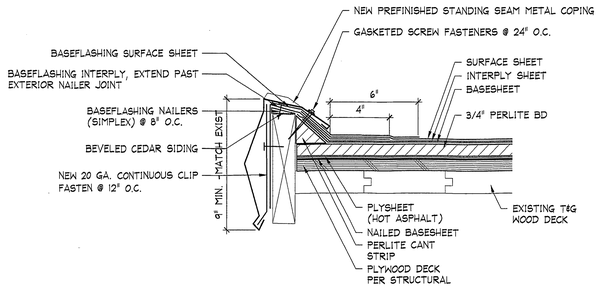




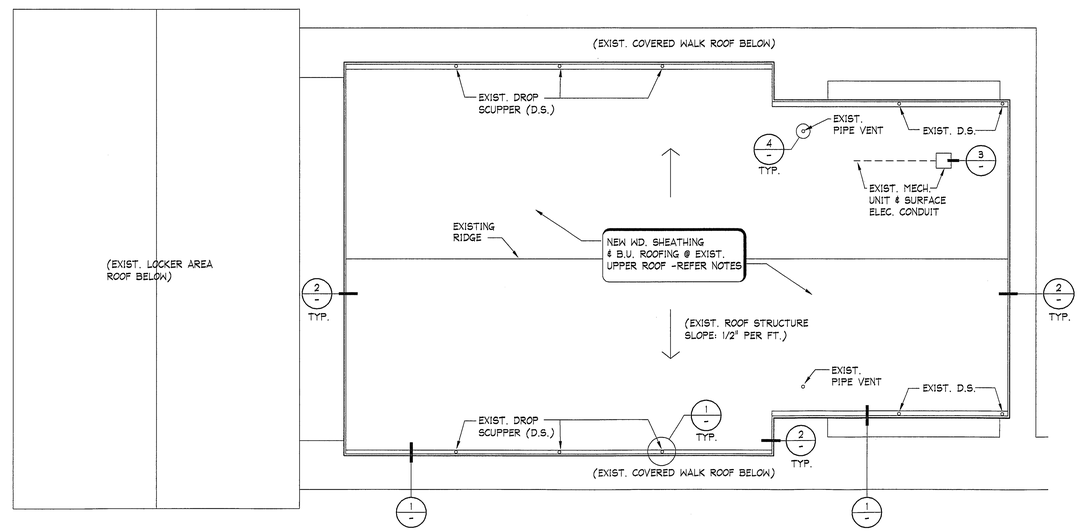
NOTES:

1. STAINLESS STEEL "T" DROP SCUPPERS AND OVERFLOWS: PRIME BOTH SIDES OF FLANGE AND SET IN MASTIC. DROP SCUPPER TO EXTEND 4" BELOW SOFFIT
2. PROVIDE 1" MIN. SPACE BETWEEN DOWNSPOUT AND SOFFIT. LAP DOWNSPOUT OVER DROP SCUPPER EXTENDING BELOW SOFFIT.

1 DETAIL @ SOFFIT / SCUPPER
1" = 1'-0"



2 DETAIL @ TYP. RAKE
1" = 1'-0"



NORTH

UNIT C - ROOF PLAN
1/16" = 1'-0"

GENERAL NOTES:

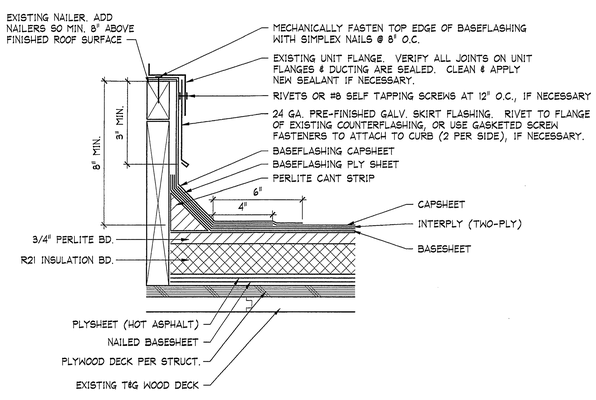
1. SCOPE OF ROOFING WORK TO INCLUDE:

   -THE DEMOLITION AND REMOVAL OF ALL EXISTING ROOFING MEMBRANE, FLASHINGS, DRAIN ASSEMBLIES AND EQIPMENT AS SHOWN ON THE DRAWINGS DOWN TO THE EXISTING WD. DECKING.

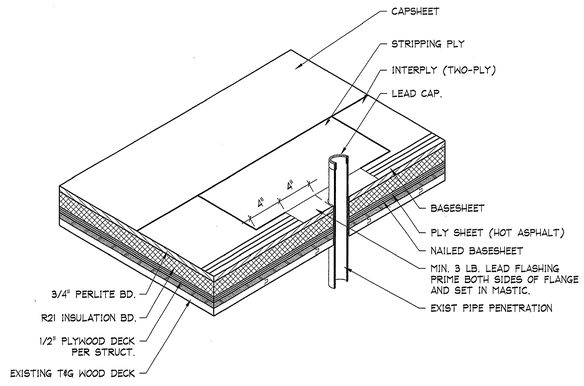
   -THE INSTALLATION OF NEW STRUCTURAL WD. SHEATHING

   -THE INSTALLATION OF NEW ASPHALT ELASTOMER MEMBRANE SECURED TO SUBSTRATE, AND ALL REALATED FLASHINGS, CURBS, VENTS AND DRAIN ASSEMBLIES INDICATED.

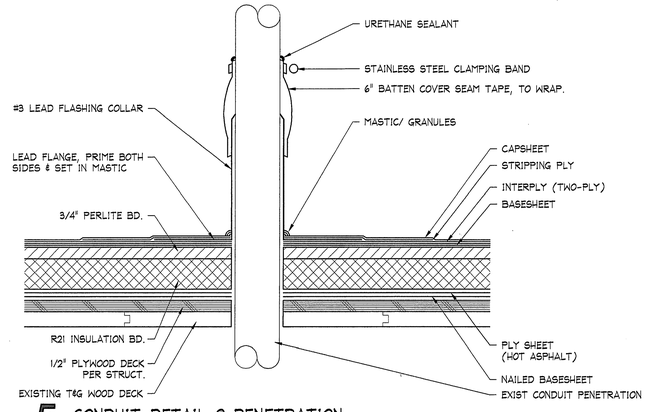
2. STRUCTURAL WORK INDICATED ON THIS DRAWING IS SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN IN THE STRUCTURAL DRAWINGS.
3. REFER SPEC. SECTION 02225 FOR EXISTING ROOFING DEMOLITION REQUIREMENTS.
4. EXTENT OF NEW ROOFING OVER CURRENTLY OCCUPIED SPACE SHALL BE INSULATED TO A MIN. OF R-21.
5. ALL ROOFING MATERIALS SHALL BE MIN. UBC CLASS 'B'.



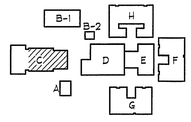
3 TYP. MECH. CURB
3" = 1'-0"



4 SOIL STACK PENETRATION
1 1/2" = 1'-0"



5 CONDUIT DETAIL @ PENETRATION
3" = 1'-0"



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INTĒGRUS ARCHITECTURE
720 OLIVE WAY, SUITE 1900, SEATTLE, WA 98101
TEL (206) 623-1104 FAX (206) 623-5124

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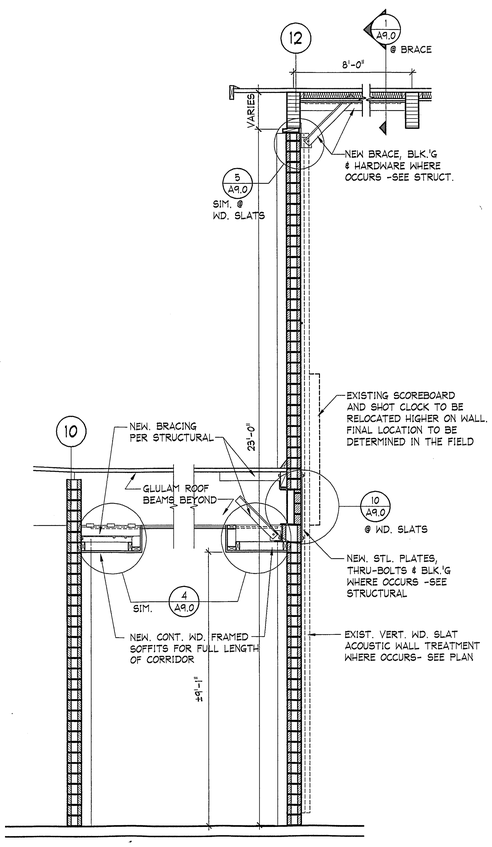
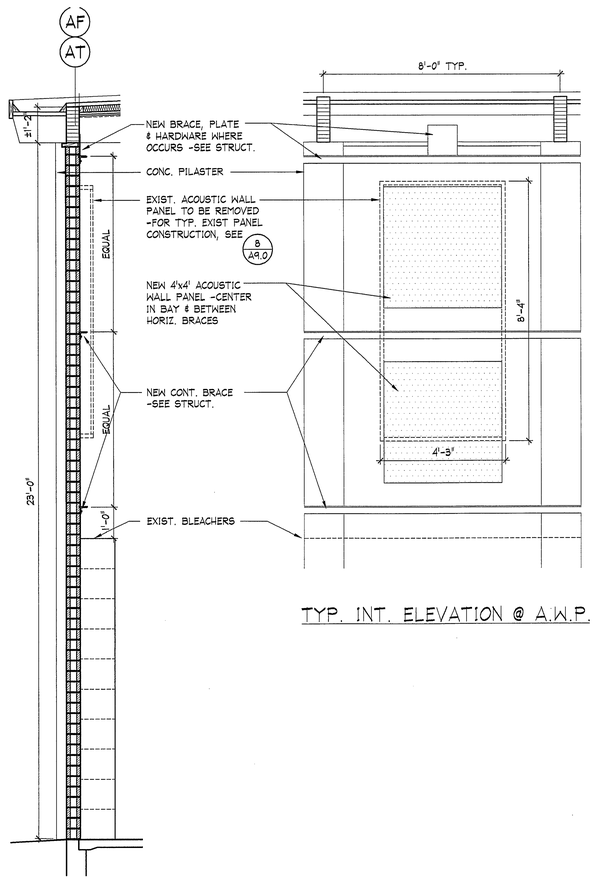
GYMNASIUM ROOF PLAN

A3.0



WALL SECTION

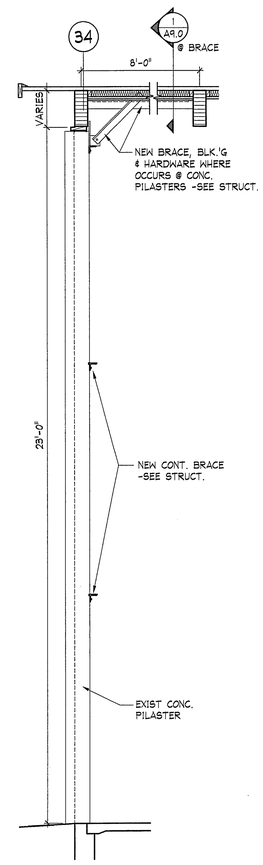
A WALL SECTION
UNIT C - GYMNASIUM
1/2" = 1'-0"



WALL SECTION

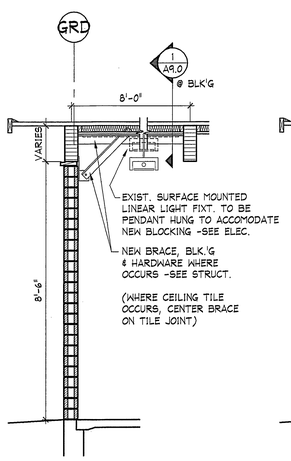
B WALL SECTION
UNIT C - GYMNASIUM
1/2" = 1'-0"

TYP. INT. ELEVATION @ A.W.P.

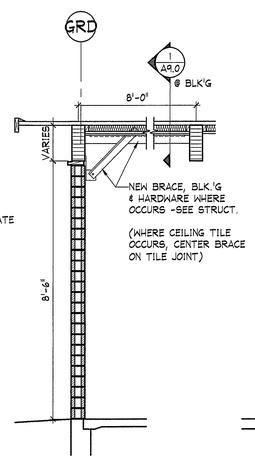


WALL SECTION

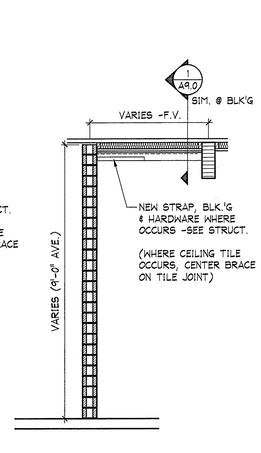
C WALL SECTION
UNIT C - GYMNASIUM
1/2" = 1'-0"



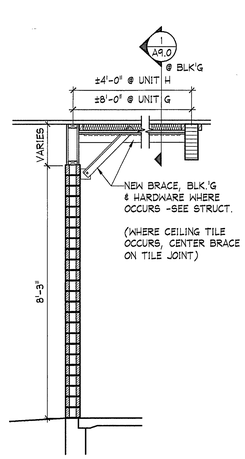
F WALL SECTION
UNITS A



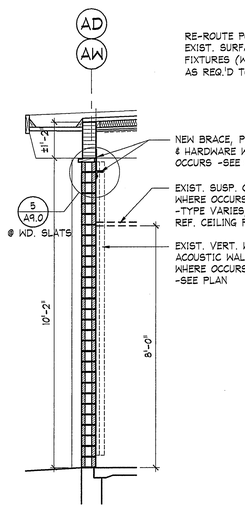
G TYP. WALL SECTION
UNITS A,F,G & H
1/2" = 1'-0"



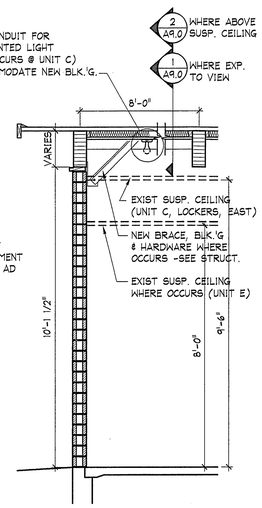
H WALL SECTION
UNIT G
1/2" = 1'-0"



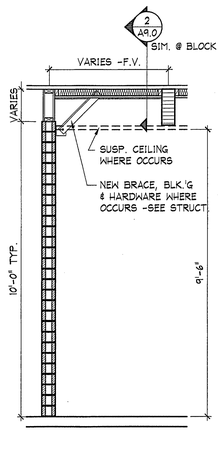
J WALL SECTION
UNITS G & H
1/2" = 1'-0"



K WALL SECTION
UNIT E
1/2" = 1'-0"



L WALL SECTION
UNITS C (LOCKERS), & E
1/2" = 1'-0"



M WALL SECTION
UNIT G, UNIT C SIM.
1/2" = 1'-0"

NOTES:
-ALL ASSEMBLIES AND MATERIALS SHOWN ARE EXISTING U.N.O.
-REFER REFLECTED CEILING PLANS FOR CEILING INFORMATION.

PERMIT SET

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WALL SECTIONS

A6.0

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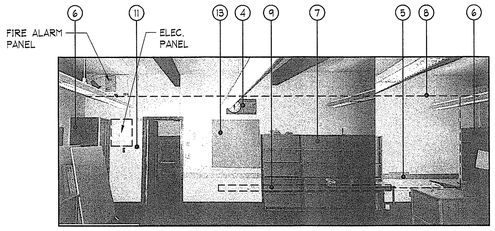
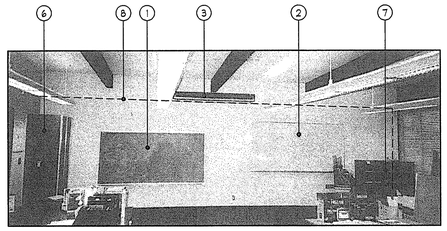
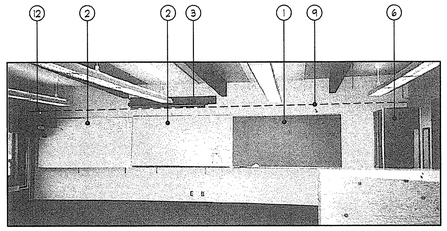


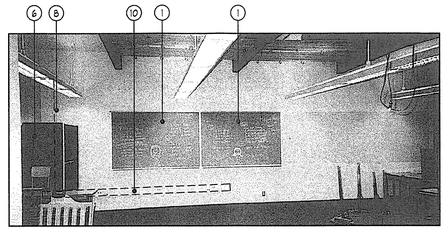
1 UNIT G - C.R. INT. ELEVATION
N.T.S.



2 INTERIOR ELEVATION
N.T.S.



3 INTERIOR ELEVATION
N.T.S.



4 INTERIOR ELEVATION
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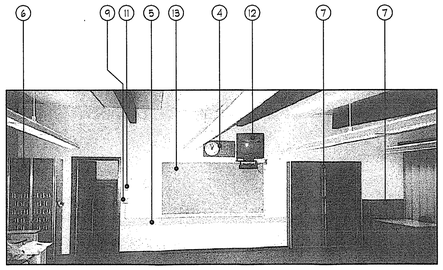

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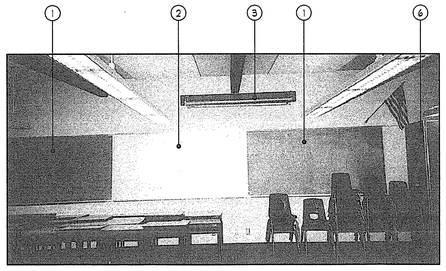

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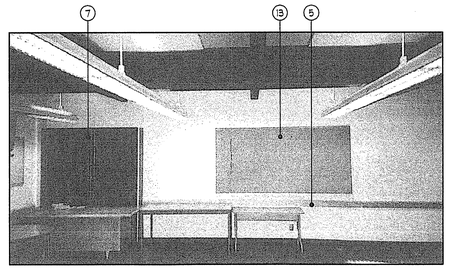

7 INTERIOR ELEVATION
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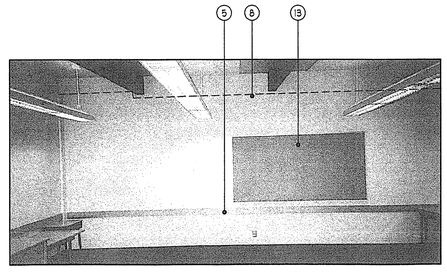

8 INTERIOR ELEVATION
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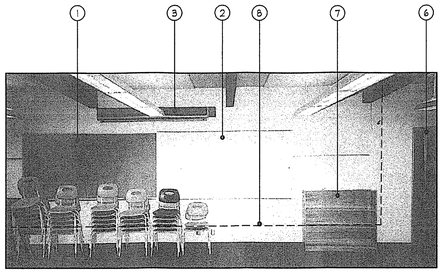

9 INTERIOR ELEVATION
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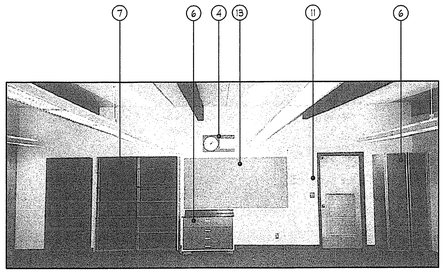

10 INTERIOR ELEVATION
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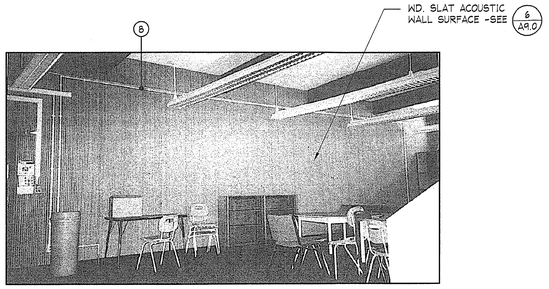

11 INTERIOR ELEVATION
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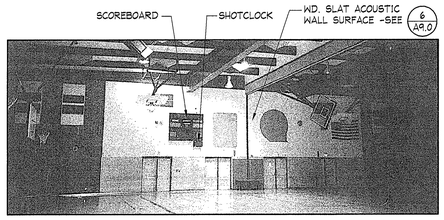
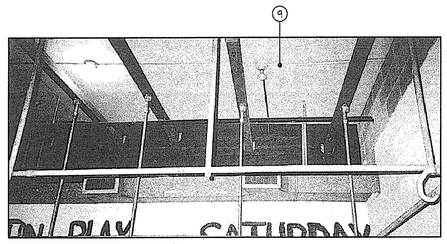


13 INTERIOR ELEVATION
N.T.S.



14 INTERIOR ELEVATION
N.T.S.

KEY NOTES:

1. CHALKBOARD
2. LIQUID MARKER BOARD
3. 8' PROJECTION SCREEN o/ BRACKETS
4. CLOCK/SPEAKER UNIT
5. WOOD CHAIR RAIL
6. BUILT-IN CABINET / CASEWORK
7. FREE STANDING SHELVING w/ WALL BRACKETS @ TOP
8. SURFACE MOUNTED DATA CONDUIT
9. SURFACE MOUNTED POWER CONDUIT
10. 4"x6" SURFACE MOUNTED MTL. POWER RACEWAY
11. THERMOSTAT
12. TELEVISION o/ WALL BRACKET
13. TACK BOARD

INTĒGRUS
ARCHITECTURE

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INTERIOR ELEVATIONS

A7.0

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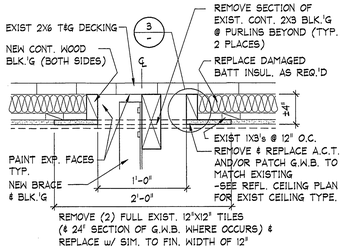
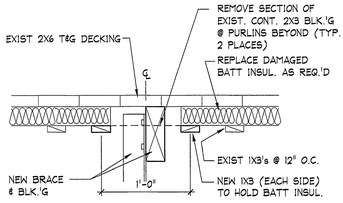


CL6.01.DWG

1 DETAIL @ FURRED ROOF DECK WHERE EXPOSED TO VIEW

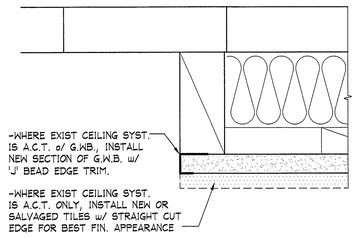
1 1/2" = 1'-0"



CL6.02.DWG

2 DETAIL @ FURRED ROOF DECK WHERE ABOVE FIN. CEILING

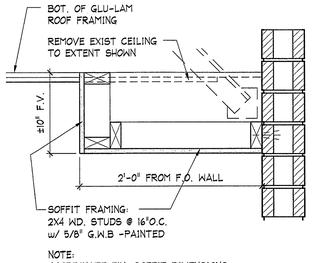
1 1/2" = 1'-0"



CL6.03

3 DETAIL AT BLOCKING

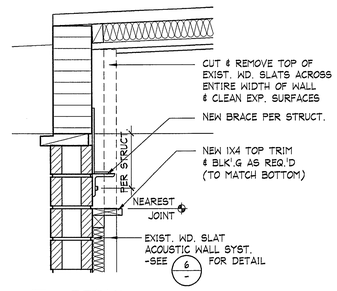
HALF SIZE



CL6.04.DWG

4 SOFFIT FRAMING

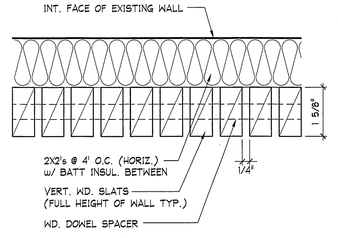
1 1/2" = 1'-0"



ML6.02.DWG

5 DETAIL

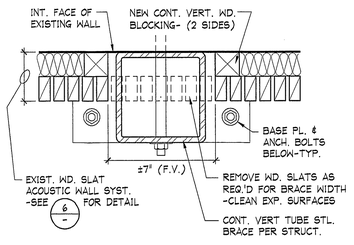
1 1/2" = 1'-0"



ML6.02

6 EXIST. WD. SLAT ACOUSTIC WALL

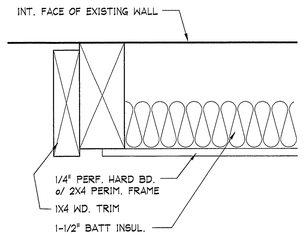
HALF SIZE



ML6.03.DWG

7 PLAN DETAIL @ TUBE STEEL

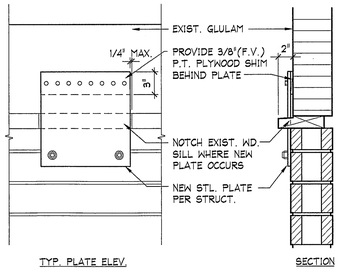
3" = 1'-0"



ML05

8 DETAIL @ TYP. EXIST. A.W.P. @ GYM

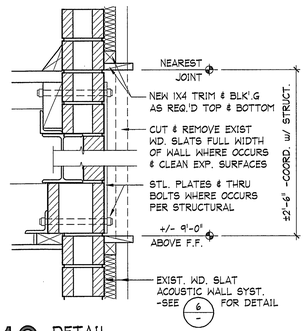
HALF SIZE



ML07.DWG

9 DETAIL @ PLATE @ EXT. GLULAM

1 1/2" = 1'-0"



ML04

10 DETAIL

1 1/2" = 1'-0"

INTĒGRUS
ARCHITECTURE
700 TERRY AVENUE NORTH SUITE 550 SEATTLE, WA 98109
TELEPHONE 206-623-1845 FAX 206-623-2104

3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

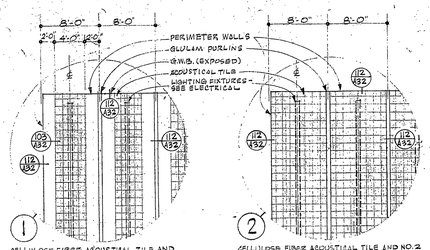
Date:	5-01-02
Job No.:	20157.00
Drawn By:	CS
Checked By:	BC
Filename:	157A9-0
Revisions:	

DETAILS

A9.0

RECEIVED
MAY - 3 2002
BUILDING DEPT.

PERMIT SET



1 CEILING TYPE I

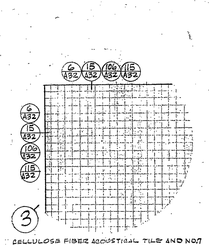
CELLULOSE FIBER ACOUSTICAL TILE AND NO. 1 MOUNTING FOR N.R.C. 50-70 RATING) CEMENTED TO G.W.B.

SIMILAR TO 20

2 CEILING TYPE II

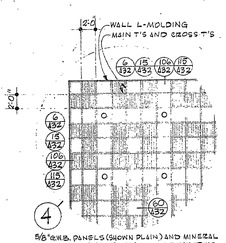
CELLULOSE FIBER ACOUSTICAL TILE AND NO.2 MOUNTING FOR N.R.C. 60-70 RATING ON 1X3 STRIPPING @ 12" O.C.

20



3 CEILING TYPE III

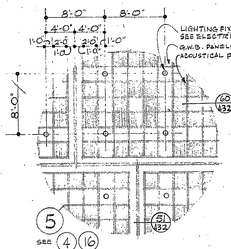
CELLULOSE FIBER ACOUSTICAL TILE AND NO.7 MOUNTING FOR N.R.C. 70-80 RATING ON CONCEALED GRID SYSTEM IN KITCHEN AREAS (TYPE II TILE FOR MAX. FLAME SPREAD OF 75 IN CORRIDORS.)



4 CEILING TYPE IV

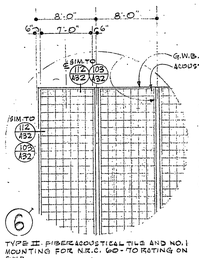
5/8" G.W.B. PANELS (SHOWN PLAIN) AND MINERAL FIBER ACOUSTICAL PANELS AND NO.1 MOUNTING FOR N.R.C. 60-70 RATING IN EXPOSED GRID LAY-IN PANEL SYSTEM WITH HOLD-DOWN CLIPS AND STEEL SUSPENSION SYSTEM (FOR 1 HR. FIRE RATING) - ACOUSTICAL PANELS ARE SHOWN SHADED - SEE

SEE 5 16



5 CEILING TYPE V

LAMINATE PLASTIC ON PLYWOOD CONTINUOUS PANEL FOLDING DOOR. SWEEP STRIPS FOR FOLDING DOOR TRACKS

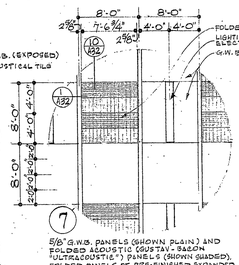


6 CEILING TYPE V

TYPE II. FIBER ACOUSTICAL TILE AND NO.1 MOUNTING FOR N.R.C. 60-70 RATING ON G.W.B.

SIMILAR TO 20 2

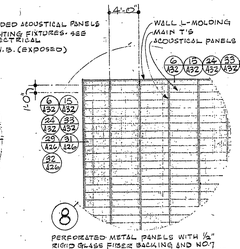
USE MAXIMUM NUMBER OF WHOLE TILE, OMITTING ANY TILE CUTTING (TILE TO HAVE MAX. FLAME SPREAD OF 75).



7 CEILING TYPE VI

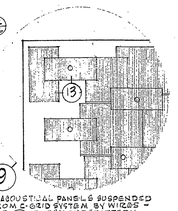
5/8" G.W.B. PANELS (SHOWN PLAIN) AND FOLDED ACOUSTIC (GUSTAV - BARON "ULTRACOUSTIC") PANELS (SHOWN SHADED). FOLDED PANELS OF PRE-FINISHED EXPANDED METAL RIB LATH WITH 3" GLASS FIBER BLANKET 1-2.5#/CU.FT. DENSITY - NO FOIL OR PAPER WRAP.

SEE 10 132



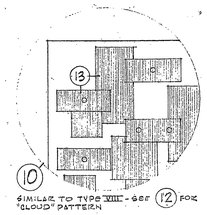
8 CEILING TYPE VII

PERFORATED METAL PANELS WITH ¼" RIGID GLASS FIBER BACKING AND NO.1 MOUNTING FOR N.R.C. 70 RATING ON ONE-DIRECTIONAL EXPOSED GRID LAY-IN SYSTEM. SEE ELECTRICAL FOR RECESSED LAY-IN LIGHTING FIXTURES.



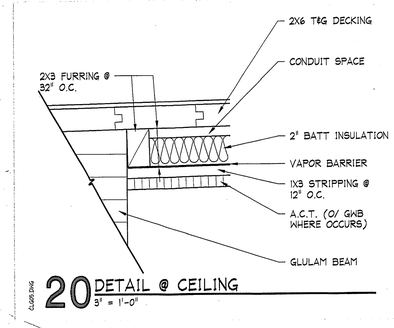
9 CEILING TYPE VIII

8" ACOUSTIAL PANELS SUSPENDED FROM C-GRID SYSTEM BY WIRES SEE 11 FOR "CLOUD" PATTERN



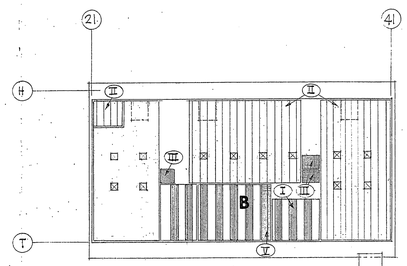
10 CEILING TYPE IX

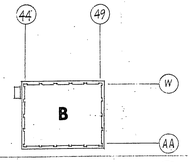
SIMILAR TO TYPE VIII - SEE 12 FOR "CLOUD" PATTERN

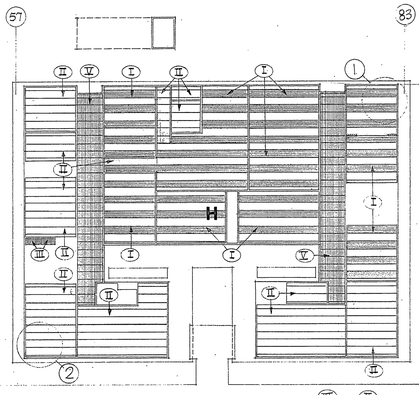


20 DETAIL @ CEILING

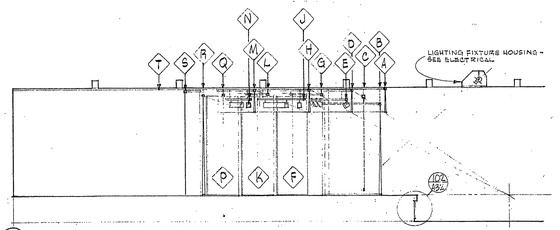
3" = 1'-0"



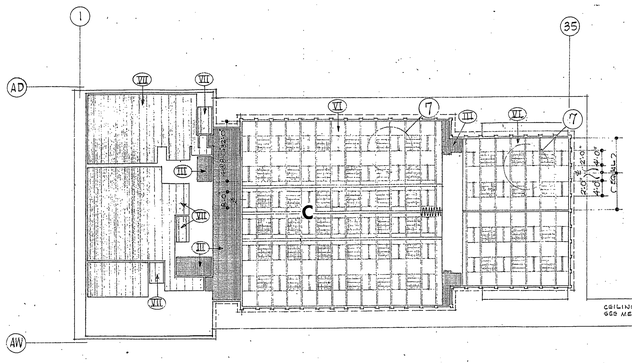


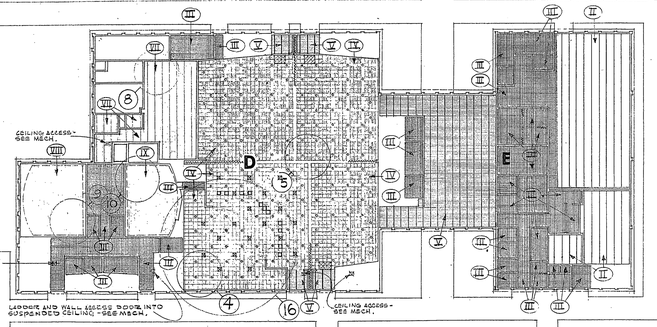


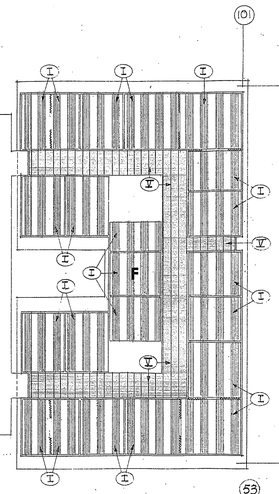
1/8" = 1'-0"

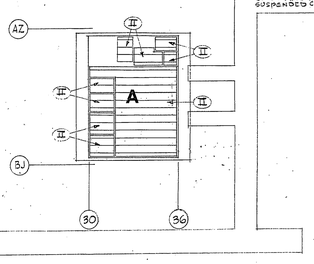


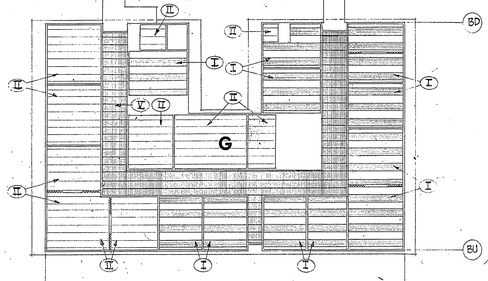
15 SECTION THRU STAGE (CUT ALONG ℄) SHOWING EQUIPMENT 1/8" = 1'-0"





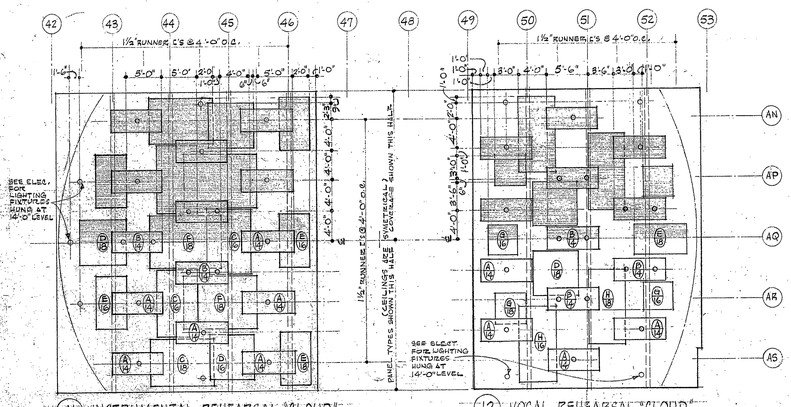






STAGE EQUIPMENT SCHEDULE

- A VALANCE TACKED TO BATTEN
- B PROSCENIUM CURTAIN ON TRACK
- C PICTURE SCREEN DA-LITE ELECTROL SPOT SIZE 12'X12'
- D FIRST MASKING BORDER ON 1½" BATTEN
- E FIRST BORDERLIGHT NO.110 38'-0" LONG
- F FIRST SET OF PIVOTAL DRAPE FIXTURES
- G FIRST PIVOTAL FIXTURE CROSS TRACK
- H SECOND MASKING BORDER ON 1½" BATTEN
- J SECOND BORDERLIGHT NO.106 34'-0" LONG
- K SECOND SET OF PIVOTAL DRAPE FIXTURES
- L SECOND PIVOTAL FIXTURE CROSS TRACK
- M THIRD MASKING BORDER ON 1½" BATTEN
- N THIRD BORDERLIGHT NO. 106 28'-0" LONG
- P THIRD SET OF PIVOTAL DRAPE FIXTURES
- Q THIRD PIVOTAL FIXTURE CROSS TRACK
- R REAR CYCLORAMA CURTAIN ON TRACK
- S CYCLORAMA DROP ON TRACK
- T FRONT TO BACK TRUSS SUPPORT SYSTEM



11 INSTRUMENTAL REHEARSAL "CLOUD"

1/8" = 1'-0"

12 VOCAL REHEARSAL "CLOUD"

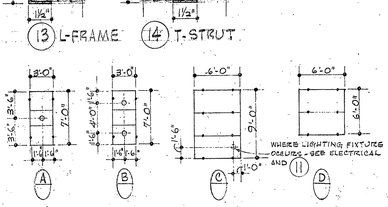
3" (FRICTION FIT) GLASS FIBER INSULATION BATTS ON STEEL EXPANDED METAL LATH (U.S. GYPSUM "KONDO 15" 2.5 LB. STEEL) TACK WELDED @ 6"O.C. TO STEEL FRAME.

HANGER WIRES CONNECTED TO RUNNER & GRID.

WELDED STEEL FRAME (PERIMETER L & INTERMEDIATE T. STRUTS FABRICATED FROM ⅛" STEEL PL.)

½" ø STUD BOLTS WELDED TO FRAME FOR WIRE HANGER CONNECTION (BRAIDED WIRE CABLE EQUAL TO #8 WIRE). ALL WIRES TO BE STRAIGHT WITH CONCEALED CONNECTIONS.

13 L-FRAME 14 T-STRUT



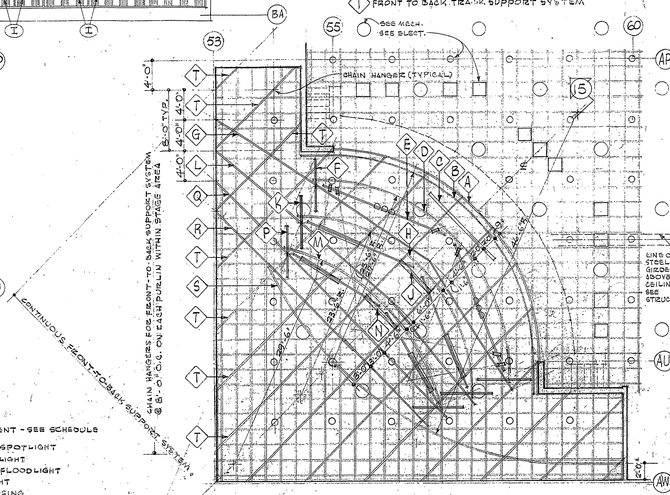
"CLOUD" PANEL TYPES 1/4" = 1'-0"

NOTE

SEE MECHANICAL AND ELECTRICAL FOR CEILING GRILLES AND LIGHTING FIXTURES NOT INDICATED HERE.

LEGEND

- STAGE EQUIPMENT - SEE SCHEDULE
- ELLIPSOIDAL SPOTLIGHT
- FRESNEL SPOTLIGHT
- ELLIPSOIDAL FLOODLIGHT
- X-RAY STRIPLIGHT
- SPOT LIGHT HOUSING
- LAY-IN CEILING GRILLE
- CEILING DIFFUSER
- INCANDESCENT LIGHTING FIXTURES
- STEEL L AND T BRACING FOR METAL LATH
- LIGHTING FIXTURE - SEE ELECTRICAL
- HANGER WIRE CONNECTION
- PANEL TYPE

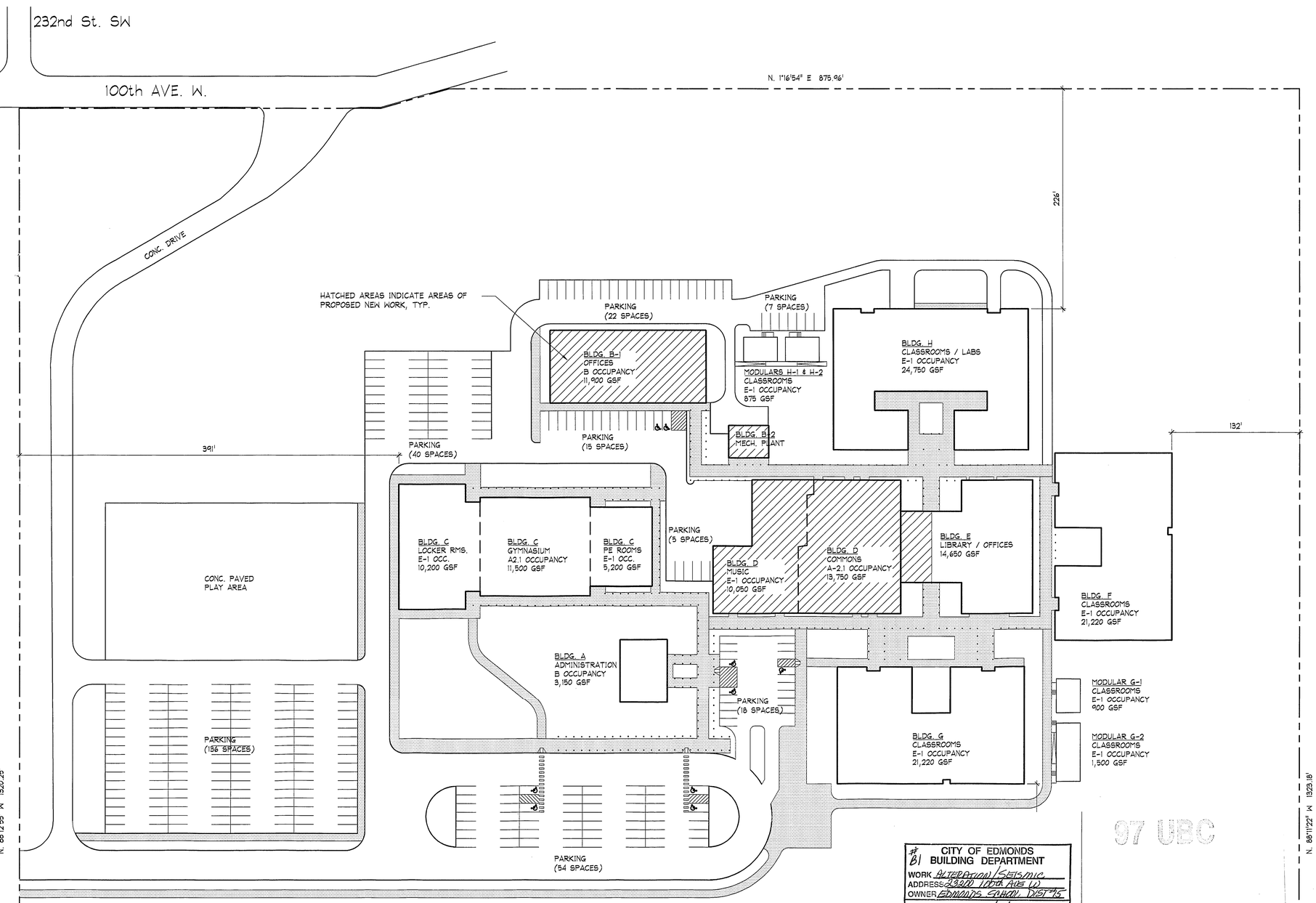


16 STAGE CEILING 1/8" = 1'-0"

(FOR BIDDER REFERENCE PURPOSES ONLY)

EXISTING REFLECTED CEILING PLANS

RECEIVED
MAY - 3 2002
BUILDING DEPT.



See S1.1 For SPECIAL INSPECTIONS

SPECIAL INSPECTIONS HAVE BEEN CALLED FOR ON THIS PROJECT AND ARE NOTED ON THE APPROVED CONSTRUCTION PLANS AND BUILDING PERMIT. IT IS THE OWNER AND/OR CONTRACTORS RESPONSIBILITY TO ASSURE THAT REPORTS ARE PROVIDED TO THE CITY IN A TIMELY MANNER. BE ADVISED--IF SPECIAL INSPECTION REPORTS ARE NOT FORTHCOMING, THE BUILDING OFFICIAL MAY ISSUE A STOP WORK AND NO CITY INSPECTIONS WILL BE PROVIDED UNTIL SUCH TIME AS THE REPORTING AGENCY HAS COMPLIED AND REPORTS ARE REVIEWED AND APPROVED BY THE CITY.

ATHLETIC FIELDS

CITY OF EDMONDS
BUILDING DEPARTMENT
#B1
WORK ALTERATION / SEISMIC
ADDRESS 23200 100th AVE W
OWNER EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL GPO
PERMIT NUMBER 2002-0491

CITY OF EDMONDS
BUILDING DEPARTMENT
#B2
WORK ALTERATION / SEISMIC
ADDRESS 23200 100th AVE W
OWNER EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL GPO
PERMIT NUMBER 2002-0439

CITY OF EDMONDS
BUILDING DEPARTMENT
#
WORK ALTERATION / SEISMIC
ADDRESS 23200 100th AVE W
OWNER EDMONDS SCHOOL DIST #15
APPROVED DATE: 6/24/02
BLDG. OFFICIAL GPO
PERMIT NUMBER 2002-0434

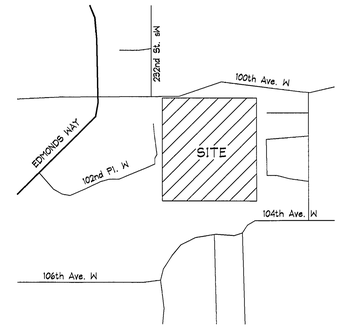
97 UBC

CITY COPY

APPROVED BY PLANNING
Taylor 6/3/02

1 SITE PLAN
1/50' = 1'-0"
NORTH

OWNER:	EDMONDS SCHOOL DISTRICT NO. 15 20420 68th AVE. W. LYNNWOOD, WA 98036 206-425-7166 CONTACT: ROGER SCHULTZ
ARCHITECT: (LEAD DESIGN PROFESSIONAL)	INTEGRUS ARCHITECTURE, P.S. 720 THIRD AVE, SUITE 2300 SEATTLE, WA 98104 206-628-3137 CONTACT: BRIAN CARTER
STRUCTURAL ENGINEER:	COUGHLIN PORTER LUNDEEN 217 PINE STREET, #300 SEATTLE, WA 98101 206-343-0460 CONTACT: BRYAN ZAGERS



NORTH

VICINITY MAP
N.T.S.

PROJECT SCOPE

THIS WORK PROPOSED UNDER THIS PERMIT CONSISTS OF A VOLUNTARY SEISMIC UPGRADE. NO SITE MODIFICATIONS OF ANY KIND ARE PROPOSED.

WORK PROPOSED UNDER THIS PERMIT IS FOR THE FOLLOWING EXISTING STRUCTURES: UNITS B-1, B-2 & D.

WORK AT REMAINING STRUCTURES IS UNDER SEPARATE PERMIT.

STRUCTURAL REVIEW NOTE

The seismic evaluation and renovation of the Former Woodway High School is being performed on a voluntary basis by the school district. It is important to note that this retrofit is not required per UBC 3401. The 1997 Uniform Building Code allows "alterations of existing structural elements, or additions of new structural elements, which are not required by Section 3401 and are initiated for the purpose of increasing the lateral-force-resisting strength or stiffness of an existing structure" provided they meet the criteria described in the exception to 3403.2. The alterations comply with Items 1-5 listed in the exception of 3403.2. All alterations to the structural elements in the construction documents are provided to increase the lateral-force-resisting strength or stiffness.

The basis of the evaluation was the Federal Emergency Management Agency document 178 (FEMA-178). NEHRP Handbook for the Seismic Evaluation of Existing Buildings.

PROJECT DATA

PROJECT NAME:	FORMER WOODWAY HIGH SCHOOL SEISMIC UPGRADE
PROJECT ADDRESS:	23200 100th AVE. W. EDMONDS, WASHINGTON 98020
TAX ID #:	362703-2-022-0004
LEGAL DESCRIPTION:	THAT PORTION OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 36, TOWNSHIP 27 NORTH, RANGE 3 EAST, W.M.
ZONE CLASSIFICATION:	RS-8 (SINGLE FAMILY)

SETBACKS:	REQUIRED	ACTUAL
NORTH:	7'-6"	391'
EAST:	25'	173'
WEST:	7'-6"	274'
SOUTH:	7'-6"	55'

BUILDING CODE: '97 UBC WITH WA STATE AMENDMENTS

EXIST. BUILDING DATA

BLDG. DATA (FOR ALL STRUCTURES):

OCCUPANCY GROUP:	VARIES - REFER SITE PLAN
CONSTRUCTION TYPE:	TYPE-V, NON RATED ('97 UBC) NON-SPRINKLERED
STORIES:	1
AREA (GROSS S.F.):	VARIES - REFER SITE PLAN
MAX. BLDG. HEIGHT:	28'
MAX. BLDG. HEIGHT:	28'

APPROVED PLANS

PERMIT SET

RECEIVED
JUN 12 2002
BUILDING DEPT

INTEGRUS ARCHITECTURE
720 THIRD AVENUE SUITE 2300 SEATTLE WA 98104
TELEPHONE 206-628-3137 FAX 206-838-3156

3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	5-01-02
Job No.:	20157.00
Drawn By:	CS
Checked By:	BC
Filename:	157G0-0
Revisions:	
	1 6/10/02

SITE PLAN

G0.0

General Structural Notes

(THE FOLLOWING APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.)

CRITERIA:

1. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE UNIFORM BUILDING CODE (UBC), 1997 EDITION.

2. THIS STRUCTURE DOES NOT CONFORM TO PRESENT EARTHQUAKE CODE REQUIREMENTS. IT HAS BEEN REINFORCED IN ACCORDANCE WITH CHAPTER 34 OF THE UBC AND IS WITHIN THE CURRENT PRACTICE FOR THE RENOVATION OF EXISTING BUILDINGS OF THIS AGE AND TYPE OF CONSTRUCTION.

3. DESIGN LOADING CRITERIA:

ROOF LIVE LOAD	25 PSF
FLOOR LIVE LOAD (CLASSROOMS)	40 PSF
FLOOR LIVE LOAD (LIBRARY READING ROOMS)	60 PSF
FLOOR LIVE LOAD (LIBRARY STACK ROOMS)	125 PSF
FLOOR LIVE LOAD (GYMNASIUM)	100 PSF
STAIR AND CORRIDOR LIVE LOAD	100 PSF
WIND	80 MPH, EXPOSURE "B"
EARTHQUAKE	FEMA-178, Av=Aa=0.3, R=3.5

SEE DRAWINGS FOR ADDITIONAL LOADING CRITERIA

4. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ALL DISCREPANCIES PRIOR TO CONSTRUCTION.

5. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED EITHER ON SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS, OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ENGINEER PRIOR TO COMMENCING ANY WORK.

6. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.

8. CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.

9. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.

10. ALL STRUCTURAL SYSTEMS COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.

11. SHOP DRAWINGS FOR STRUCTURAL STEEL MEMBERS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS. ALL SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE CITY OF EDMONDS. ⚠

12. SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, AND THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY ENGINEER OF RECORD. SUBMITTALS SHALL INCLUDE A REPRODUCIBLE AND ONE COPY. THE REPRODUCIBLE SHALL BE MARKED AND RETURNED.

    SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

13. SPECIAL INSPECTION: STRUCTURAL STEEL FABRICATION AND ERECTION (INCLUDING FIELD WELDING AND HIGH-STRENGTH FIELD BOLTING), ANCHOR BOLTS, EXPANSION BOLTS, EXPANSION INSERTS, EPOXY GROUTED INSTALLATIONS, SHEAR WALL NAILING, DIAPHRAGM NAILING, HOLDOWN INSTALLATION SHALL BE SUPERVISED IN ACCORDANCE WITH SECTION 1701 OF THE UBC AND THE PROJECT SPECIFICATIONS BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION REPORTS AND TEST RESULTS. COPIES OF REPORTS SHALL BE PROVIDED TO THE CITY

Note
Re-inforcement placement & welds require continuous special inspection

ANCHORAGE:

14. EXPANSION BOLTS INTO CONCRETE AND SOLIDLY GROUTED MASONRY SHALL BE "KWIK BOLT II", AS MANUFACTURED BY HILTI CORPORATION AND INSTALLED IN STRICT ACCORDANCE WITH ICBO REPORT NO. 4627, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICBO REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. IN ADDITION, FOR WIND OR SEISMIC APPLICATIONS, SUBSTITUTIONS SHALL MEET ICBO ACCEPTANCE CRITERIA AC01. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION. EXPANSION BOLTS SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER.

15. EXPANSION BOLTS INTO HOLLOW GROUTED MASONRY BLOCKS SHALL BE "SLEEVE ANCHORS", AS MANUFACTURED BY HILTI CORPORATION AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION. EXPANSION BOLTS SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER

16. EPOXY-GROUTED RODS OR REBAR TO CONCRETE, MASONRY OR UNREINFORCED BRICK MASONRY SPECIFIED ON THE DRAWINGS SHALL BE GROUTED WITH "SET EPOXY-TIE ADHESIVE" AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. INSTALL IN STRICT ACCORDANCE WITH ICBO REPORT NO. 5274, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. SUBSTITUTES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED FOR REVIEW WITH ICBO REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. IN ADDITION, FOR WIND OR SEISMIC APPLICATIONS, SUBSTITUTIONS SHALL MEET ICBO ACCEPTANCE CRITERIA (AC58 FOR CONCRETE AND NEW MASONRY APPLICATIONS, AC60 FOR UNREINFORCED BRICK MASONRY). SPECIAL INSPECTION OF EPOXY-GROUTED ANCHOR INSTALLATION IS REQUIRED. PROVIDE SCREEN TUBES AT BRICK MASONRY LOCATIONS AND AT HOLLOW CMU. SCREEN TUBES ARE NOT REQUIRED AT CONCRETE OR SOLID CMU. HOLES IN BRICK MASONRY & HOLLOW CMU SHALL BE CORE DRILLED. HOLES IN CONCRETE AND SOLIDLY GROUTED MASONRY MAY BE DRILLED BY CORING OR ROTO-HAMMER UNLESS NOTED OTHERWISE. EPOXY GROUTED RODS OR REBAR SHALL NOT BE USED AS SUBSTITUTES FOR EMBEDDED ANCHOR BOLTS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. HOLES IN STEEL SHALL BE 1/16" OVERSIZED, U.O.N.

RENOVATION:

17. DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. EXISTING REINFORCING SHALL BE SAVED WHERE AND AS NOTED ON THE DRAWINGS. SAW CUTTING, IF AND WHERE USED, SHALL NOT CUT EXISTING REINFORCING WHICH IS TO BE SAVED. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF OR 25 PSF AT ROOF.

    A. ALL NEW OPENINGS THROUGH EXISTING MASONRY OR CONCRETE WALLS, SLABS, AND BEAMS SHALL BE ACCOMPLISHED BY SAWCUTTING WHEREVER POSSIBLE. UNLESS OTHERWISE NOTED, ALL NEW OPENINGS SHALL BE SAWCUT NEAT AND CLEAN; NO OVERCUTTING AT OPENING CORNERS SHALL BE ALLOWED. AS REQUIRED, CORE DRILL CORNERS AND CHIP, GRIND OR CUT THE CORNERS TO PROVIDE THE REQUIRED DIMENSIONS.

    B. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.

    C. SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING, IF POSSIBLE.

STEEL:

18. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON THE LATEST EDITIONS OF THE A.I.S.C. SPECIFICATIONS AND CODES:

    1. SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS AND PLASTIC DESIGN, OR LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.

    2. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, ADOPTED JUNE 10, 1992, AMENDED BY THE DELETION OF THE FOLLOWING PHRASE IN PARAGRAPH 4.2.1: "THIS APPROVAL CONSTITUTES ACCEPTANCE BY THE OWNER'S AUTHORIZED REPRESENTATIVE OF DESIGN RESPONSIBILITY FOR THE STRUCTURAL ADEQUACY OF SUCH CONNECTIONS."

        IN REFERENCE TO SECTION 3.1.7, FABRICATOR SHALL REVIEW PROJECT SPECIFICATIONS AND ARCHITECTURAL DRAWINGS TO DETERMINE PAINTING REQUIREMENTS. MEMBERS EMBEDDED IN CONCRETE OR TO RECEIVE SPRAY-ON FIREPROOFING SHALL NOT BE PAINTED.

        IN REFERENCE TO SECTION 3.3, FABRICATOR SHALL FOLLOW PROJECT SPECIFICATIONS TO VERIFY ENGINEER'S INTENT IN THE EVENT OF DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS.

    3. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.

    CONTRACTOR SHALL ALSO COMPLY WITH OSHA REGULATION 29 CFR PART 1926 SUBPART R - STEEL ERECTION, PUBLISHED JANUARY 18, 2001. MISCELLANEOUS PLATES FOR GUYING CABLE ATTACHMENTS, TEMPORARY JOIST BRACING, ETC. SHALL BE ADDED AS REQUIRED. CONTRACTOR SHALL EVALUATE COLUMNS AND PROVIDE ADEQUATE BASE PLATE SHIMS, GUYS, OR TEMPORARY BRACING AS REQUIRED PER SECTION 1926.755.

19. STRUCTURAL STEEL, INCLUDING PLATES, ANGLES, AND RODS, SHALL CONFORM TO ASTM A36, Fy = 36 KSI. STEEL SHAPES SHALL CONFORM TO ASTM A572, Fy = 50 KSI. STEEL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, Fy = 35 KSI. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, Fy = 46 KSI. ANCHOR AND EMBEDDED BOLTS SHALL CONFORM TO ASTM A307. CONNECTION BOLTS SHALL BE A325-N.

20. DIMENSIONAL TOLERANCE FOR STRUCTURAL STEEL MEMBERS SHALL BE PER THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 6.4 AND ASTM SPECIFICATION A6. UNLESS SPECIFICALLY ALLOWED BY THE ENGINEER, COLUMN MEMBERS SHALL NOT BE MODIFIED BY THE ROTARY STRAIGHTENING PROCESS.

21. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO SECTION 10 OF THE A.I.S.C. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, ADOPTED JUNE 10, 1992. ANY STEEL THAT IS TO BE EXPOSED TO VIEW UPON COMPLETION OF THE PROJECT SHALL BE CONSIDERED ARCHITECTURALLY EXPOSED.

22. ALL SLIP-CRITICAL CONNECTION BOLTS SHALL BE APPROVED SELF LOAD INDICATING TYPES (SUCH AS BETHLEHEM INDICATOR BOLTS, LeJEUNE TENSION CONTROL BOLTS, ETC.), AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

    BOLTS IN CONNECTIONS NOT SPECIFIED AS SLIP-CRITICAL NEED ONLY BE TIGHTENED TO THE SNUG TIGHT CONDITION. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. IF A SLOTTED HOLE OCCURS IN AN OUTER PLY, A FLAT HARDENED WASHER OR COMMON PLATE WASHER SHALL BE INSTALLED OVER THE SLOT.

23. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.W.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY A.W.S.) SHALL BE USED.

24. HEADED STUDS FOR COMPOSITE CONNECTION OF STRUCTURAL STEEL TO CAST-IN-PLACE CONCRETE AND THREADED STUDS FOR CONNECTION OF STRUCTURAL STEEL TO OTHER ELEMENTS SHALL BE MANUFACTURED FROM MATERIAL CONFORMING TO ASTM A108 AND SHALL BE WELDED IN CONFORMANCE WITH A.W.S. REQUIREMENTS.

WOOD:

25. FRAMING LUMBER SHALL BE KILN DRIED OR MC-19, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

STUDS, PLATES, LEDGERS & MISCELLANEOUS LIGHT FRAMING:	HEM-FIR NO. 3 OR STUD GRADE MINIMUM BASIC DESIGN STRESS,	Fb = 500 PSI, E = 1200 KSI Fc = 725 PSI

NOTE: FINGER JOINTED STUDS MAY BE SUBSTITUTED ONLY IF THEY MEET PRESCRIBED STRESS CRITERIA.

NOTE: WHERE NOTED ON THE DRAWINGS, PLATES SHALL BE DOUGLAS FIR NO. 3 OR STUD GRADE.

26. ROOF, FLOOR & WALL SHEATHING SHALL BE APA RATED, EXTERIOR OR EXPOSURE 1 PLYWOOD, IN CONFORMANCE WITH UBC STANDARD NO. 23-2. APA RATED, EXTERIOR OR EXPOSURE 1 ORIENTED STRAND BOARD (OSB), IN CONFORMANCE WITH UBC STANDARD NO. 23-3 MAY BE USED IN LIEU OF PLYWOOD AT INTERIOR VERTICAL SURFACES ONLY. SHEATHING SHALL BE MANUFACTURED UNDER THE PROVISIONS OF VOLUNTARY PRODUCT STANDARDS PS1-95 OR PS2-92, OR APA PRP-108 PERFORMANCE STANDARDS AND POLICIES FOR STRUCTURAL USE PANELS. SEE DRAWINGS FOR THICKNESS, SPAN RATING, AND NAILING REQUIREMENTS. UNLESS OTHERWISE NOTED, WALL SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING OF 24/0.

27. ALL WOOD PLATES IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE. PROVIDE 2 LAYERS OF ASPHALT-IMPREGNATED BUILDING PAPER BETWEEN UNTREATED LEDGERS, BLOCKING, ETC., AND CONCRETE OR MASONRY.

28. TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR CATALOG NO. C-2002. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES AND ARE SUBMITTED TO THE ENGINEER FOR APPROVAL. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, CENTER STRAP ON JOINT AND PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER, WITH EQUAL NUMBER AND SIZE OF FASTENERS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED. ALL JOISTS AND MULTIPLE JOIST BEAMS SHALL BE CONNECTED TO FLUSH BEAMS WITH "U" SERIES JOIST HANGERS, UNLESS OTHERWISE NOTED.

29. WOOD FRAMING NOTES: THE FOLLOWING APPLY UNLESS OTHERWISE NOTED ON THE DRAWINGS:

    A. ALL WOOD FRAMING DETAILS SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE UBC. MINIMUM NAILING SHALL CONFORM TO UBC TABLE 23-II-B-1 OR CURRENT ICBO REPORT NER-272. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG BOLTS BEARING ON WOOD. INSTALLATION OF LAG BOLTS SHALL CONFORM TO 1991 NDS SECTION 9.1.2, AND INSTALLATION OF BOLTS SHALL CONFORM TO 1991 NDS SECTION 8.1.2.

    B. ROOF FRAMING: ROOF AND FRAMING SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS. ALLOW 1/8" SPACING AT ALL PANEL EDGES AND ENDS OF FLOOR AND ROOF SHEATHING.

    C. NAILING: ALL NAILS SPECIFIED ON THE DRAWINGS WERE DESIGNED TO BE COMMON. POWER DRIVEN NAILS OF THE SAME LENGTH MAY BE SUBSTITUTED FOR COMMON NAILS PROVIDED THEIR NUMBER IS INCREASED (SPACING IS DECREASED) ACCORDING TO THE FOLLOWING FORMULA:

    S' = S x C

    S' = NEW REQUIRED SPACING
    S = DESIGN SPACING SHOWN ON THE DRAWINGS
    C = CONVERSION FACTOR

NAILS	DIAMETER	POWER DRIVEN NAIL (DIAMETER x LENGTH)	C
8d	0.131"	0.042" x 2 1/4"	0.6
		0.049" x 2 1/4"	0.6
		0.113" x 2 3/8"	0.8
		0.131" x 2 1/2"	1.0
10d	0.148"	0.120" x 3"	0.7
		0.131" x 3"	0.8
		0.148" x 3"	1.0
12d	0.148"	0.120" x 3 1/4"	0.7
		0.131" x 3 1/4"	0.8
16d	0.162"	0.131" x 3 1/2"	0.7
		0.162" x 3 1/2"	1.0

SHEET INDEX

S1.1 GENERAL STRUCTURAL NOTES

S2.2 BUILDING B FLOOR PLAN
S2.4 BUILDING D FLOOR PLAN
S2.10 BUILDING B ROOF PLAN
S2.12 BUILDING D ROOF PLAN

S4.1 MASONRY DETAILS
S4.2 MASONRY DETAILS

S6.1 WOOD DETAILS

APPROVED PLAN

BID SET

RECEIVED
JUN 12 2002
BUILDING DEPT.

INTEGRUS ARCHITECTURE
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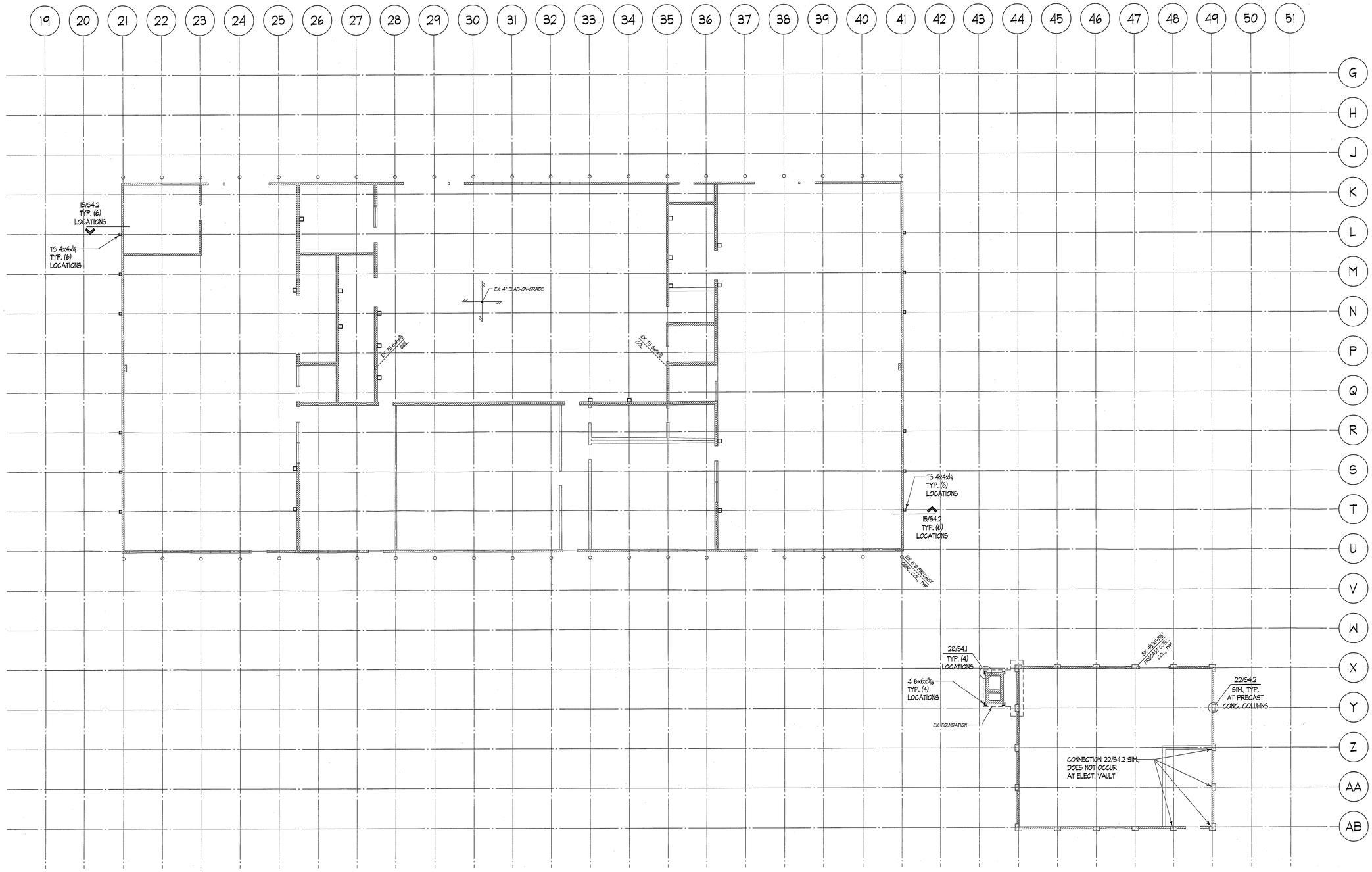
A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-10-02
Job No.:	S0100B3-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:
⚠ PERMIT REVISIONS	06/10/02

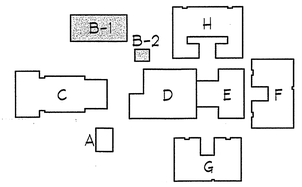
GENERAL STRUCTURAL NOTES & SHEET INDEX

S1.1
RESUB



LEGEND:

- EX. CONCRETE THIS LEVEL
- EX. MASONRY THIS LEVEL
- EX. PARTIAL HT. MASONRY THIS LEVEL
- EX. 2x STUD WALL
- INDICATES T5 WALL STRONG-BACK PER 2/S4.2 OR 14/S4.2 .
- INDICATES 4 PER 8/S4.1 .



0 2' 4' 8' 16' 32'

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

APPROVED PLAN

PERMIT SET

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JAMES E. COUGHLIN REGISTERED STRUCTURAL ENGINEER STATE OF WASHINGTON PROFESSIONAL
EXPIRES: 7/5/2010

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23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING B
FLOOR PLAN

S2.2

BUILDING DEPT.

Project: 010083 WOODWAY HIGH SCHOOL Z:\01-07\Dwg 05-01\Dwg 05-01-02\Dwg Date: Wednesday, May 01, 2002 1:10 p.m. By: RJH Last Saved: mon 29th 1:53_07.dwg #05-#08.dwg #05-#08.dwg

38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68

AB AC AD AE AF AG AH AJ AK AL AM AN AP AQ AR AS AT AU AV AW AX AY

MATCHLINE SEE S2.5

Ex. 6" CMU 12'-0"

Ex. 8" CMU 12'-0"

Ex. 8" CMU 12'-0"

Ex. 8" CMU 12'-0"

Ex. 6" CMU PIERS @ 12'-0" O.C. TYP.

22/S4.2 OPP.

22/S4.2

TS 6x6x¼ TYP. (6) LOCATIONS

10/S4.2 TYP. (6) LOCATIONS

16/S4.2 TYP.

MATCHLINE SEE S2.5

LEGEND:

- EX. CONCRETE THIS LEVEL
- EX. MASONRY THIS LEVEL
- EX. 2x STUD WALL
- INDICATES 4 PER 8/S4.1 .

B-1 B-2 H C D E F A G

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

0 2' 4' 8' 16' 32'

PERMIT SET

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FORMER WOODWAY HIGH SCHOOL
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23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING D FLOOR PLAN

S2.4

BUILDING DEPT.

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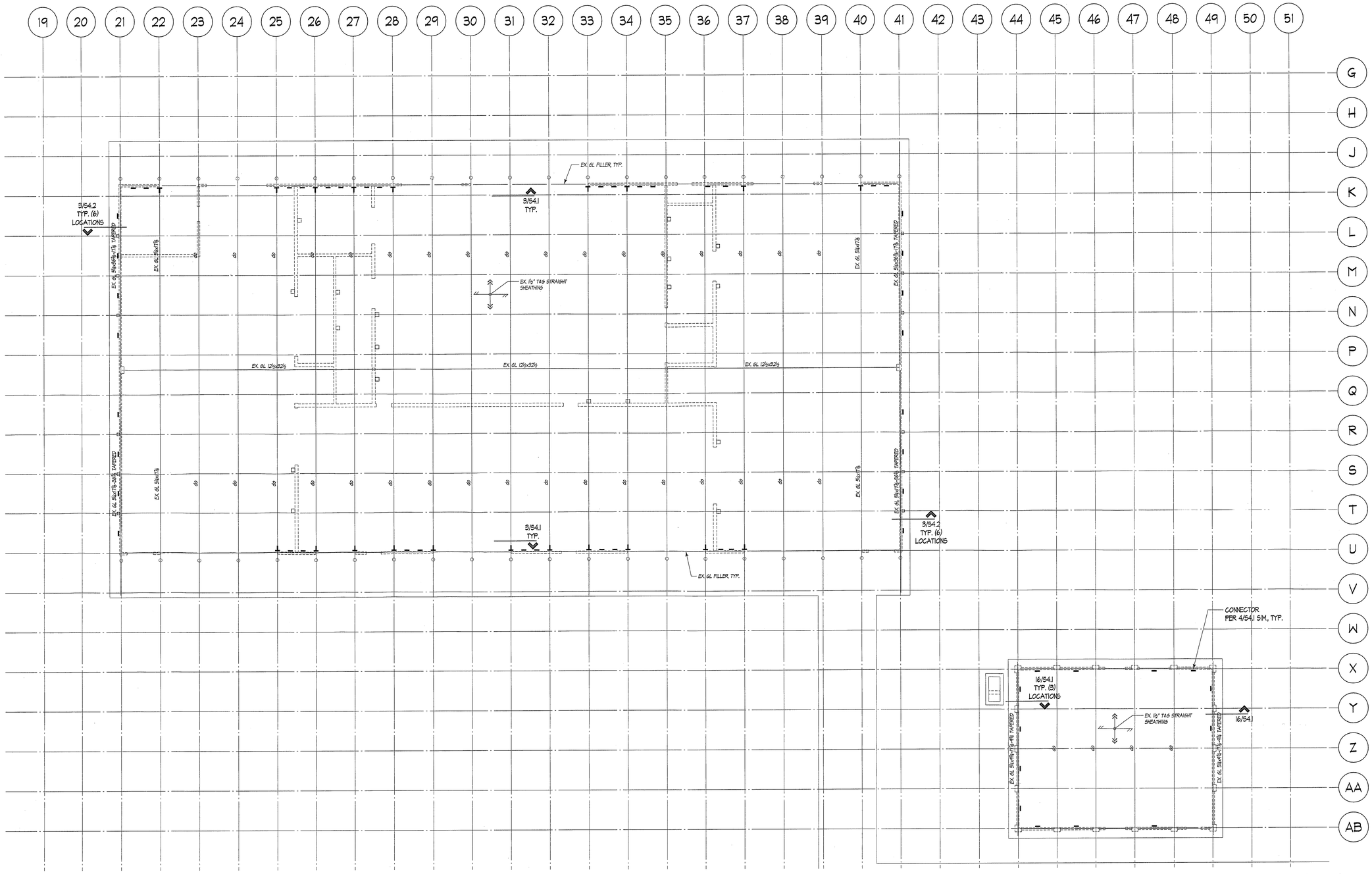
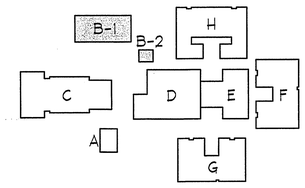


LEGEND:

- INDICATES TS WALL STRONG-BACK PER 2/S4.2 OR 14/S4.2 .
- INDICATES GLU-LAM FILLER TO WALL CONNECTION PER 4/S4.1 .
- INDICATES GLU-LAM BEAM TO WALL CONNECTION PER 6/S4.1 .



0 2' 4' 8' 16' 32'

APPROVED PLAN

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PERMIT SET

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ENGINEERING CORPORATION

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23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

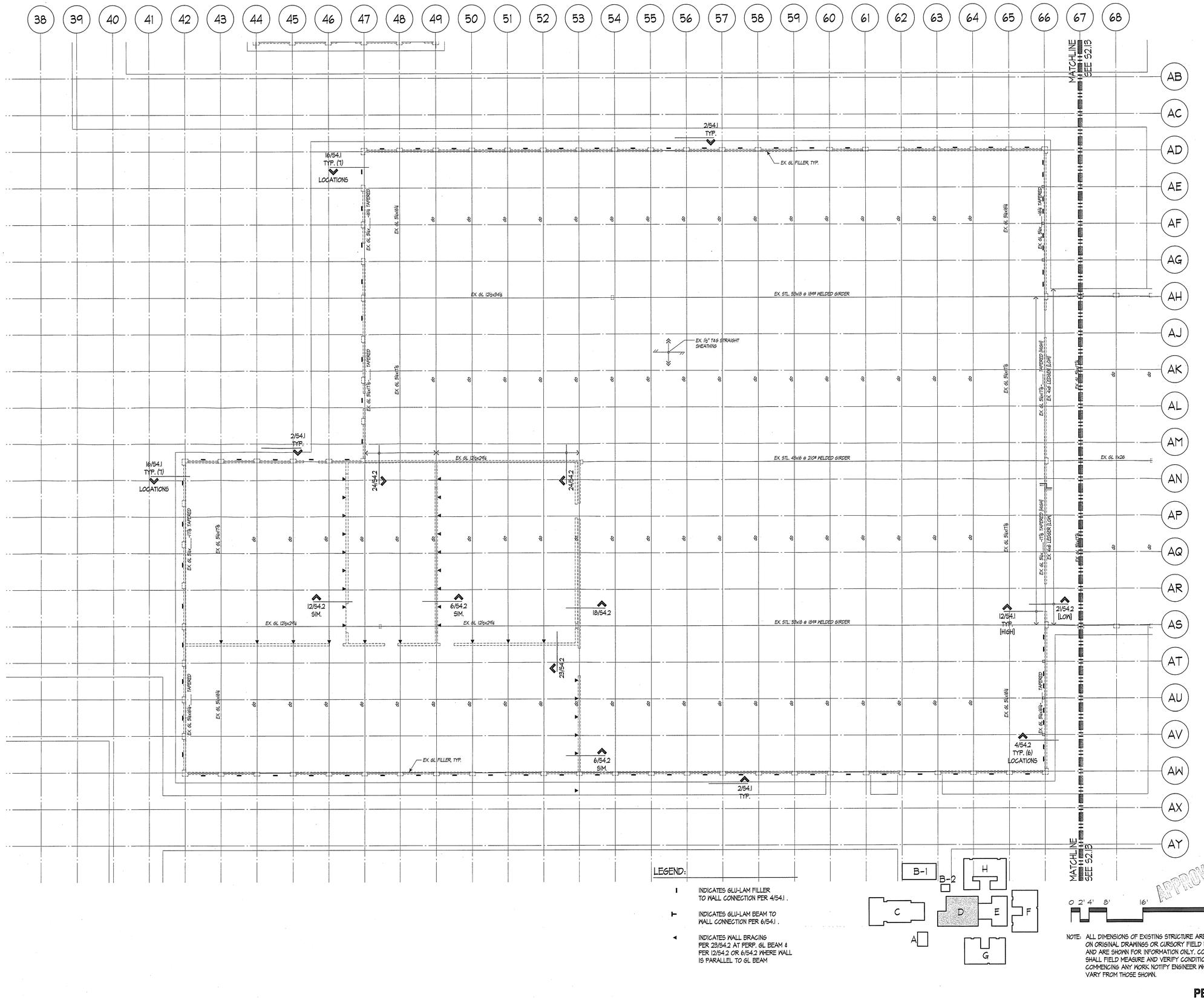
Date:	05-01-02
Job No.:	5010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

BUILDING B
ROOF PLAN

S2.10

RECEIVED
CITY OF EDMONDS
BUILDING DEPT.

Edmonds 05 0083M S2.10.DWG By: RJH 05/02/02 1:17 p.m. Xrefs: S1.0_Proj S1.1_Proj S2.0_Proj S2.1_Proj S3.0_Proj S3.1_Proj S4.0_Proj S4.1_Proj



LEGEND:

- INDICATES GLU-LAM FILLER TO WALL CONNECTION PER 4/54.1 .
- INDICATES GLU-LAM BEAM TO WALL CONNECTION PER 6/54.1 .
- INDICATES WALL BRACING PER 23/54.2 AT PERP. GL BEAM & PER 12/54.2 OR 6/54.2 WHERE WALL IS PARALLEL TO GL BEAM

NOTE: ALL DIMENSIONS OF EXISTING STRUCTURE ARE BASED ON ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

APPROVED PLAN

PERMIT SET

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A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

JAMES E. COUGHLIN — REGISTERED PROFESSIONAL ENGINEER — STATE OF WASHINGTON — 15336 — EXPIRES: 7/25/03

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

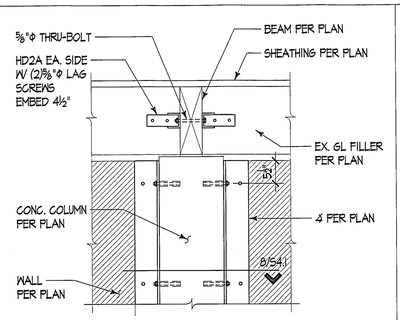
BUILDING D
ROOF PLAN

S2.12

RECEIVED
MAY 2
BUILDING DEPT.

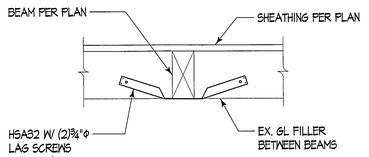
Plotted: 02 MAY-02 Thu By: RJH
Last Saved: Wed 01, 2002 1:27 p.m. By: RJH
X:\Job Files\S010083-01\Drawings\Arch\S2.12 Roof Plan.dwg

1



6134

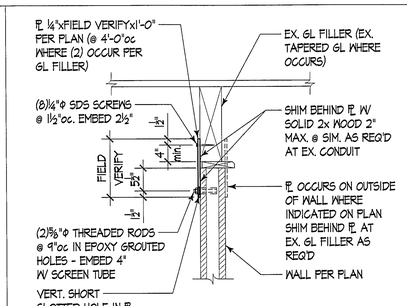
2



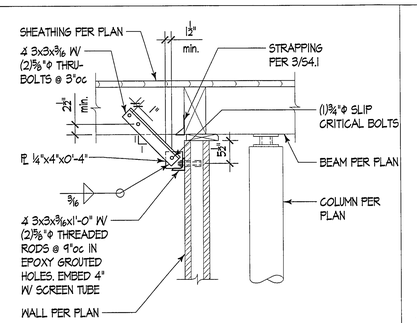
NOTE: OCCURS @ ALL GL FILLERS, TYP. U.O.N.

6101

Typ. GL Filler Strapping 3

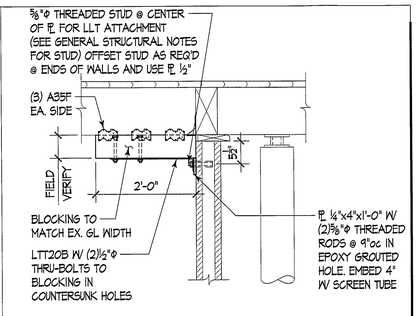


Typ. In-Plane Connection @ Glu-lam Filler 4



6103

5



FOR CALL-OUTS IN COMMON SEE DETAIL 5/S4.1

Typ. Out-of-plane Wall Bracing @ Glu-lam Filler 6

6117

7

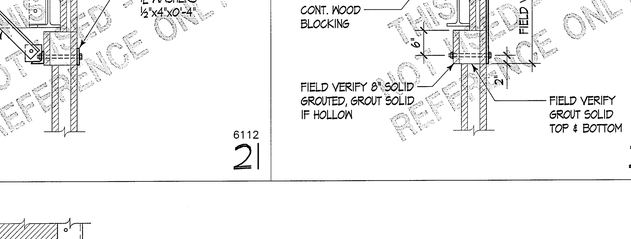


NOTE: 4 STOPS AT TOP OF EX. CONC. COLUMN & WHERE INTERFERES W/ DOORS. 4 STOPS @ EX. GRADE AT BOTTOM.

1½"=1'-0"

6127

Plan at Ex. Precast Conc. Column 8

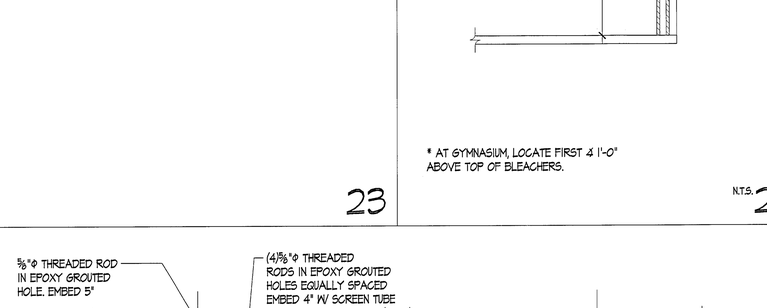


- VOID - THIS DETAIL NOT USED - FOR REFERENCE ONLY

FOR CALL-OUTS IN COMMON SEE DETAIL 12/S4.1

6133

10



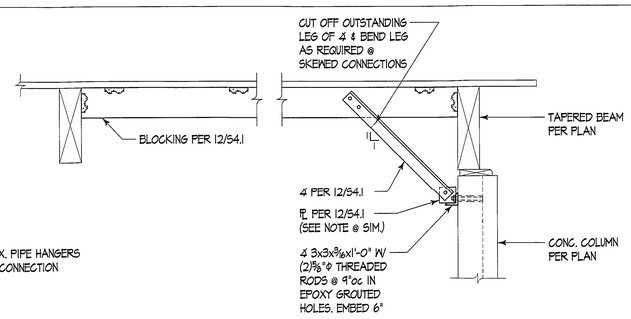
NOTES:
1. OCCURS @ ±10'-0"oc. FIELD VERIFY LOCATION OF EX. EMBEDDED RODS @ ±10'-0"oc & LOCATE BRACE BETWEEN. LOCATE FIRST BRACE 5'-0" FROM ANY PERPENDICULAR MASONRY WALL. (1) MIN PER WALL.
2. NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

Typ. Tapered GL Connection 12

6102

13

14

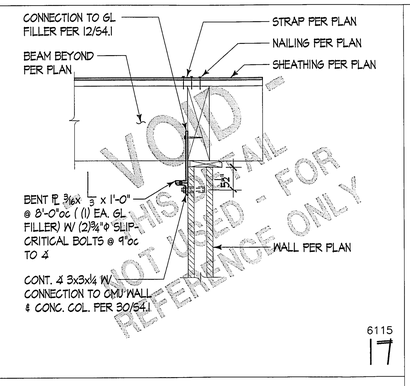


NOTE: FIELD VERIFY EX. PIPE HANGERS @ SIM. & SKEW 4 AND CONNECTION IN PLAN AS REQUIRED.

FOR CALL-OUTS IN COMMON SEE DETAIL 12/S4.1

6128

16



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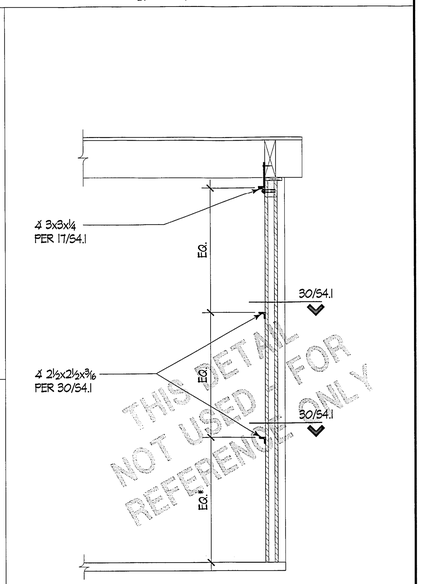
6115

17



THIS DETAIL NOT USED - FOR REFERENCE ONLY

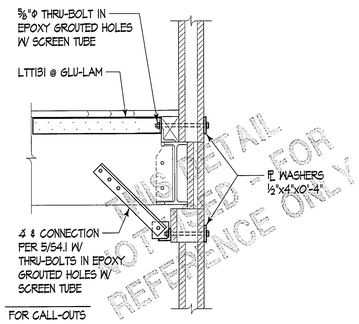
* AT GYMNASIUM, LOCATE FIRST 4 1'-0" ABOVE TOP OF BLEACHERS.

6114

N.T.S. 24

19

20



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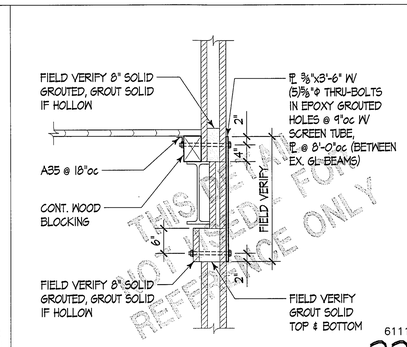
FOR CALL-OUTS IN COMMON SEE DETAIL 22/S4.1

6112

21



THIS DETAIL NOT USED - FOR REFERENCE ONLY

6111

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23

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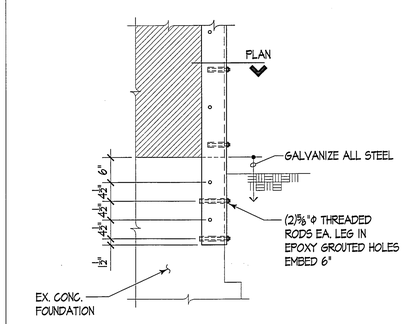
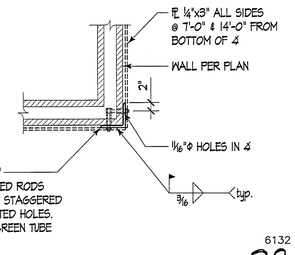


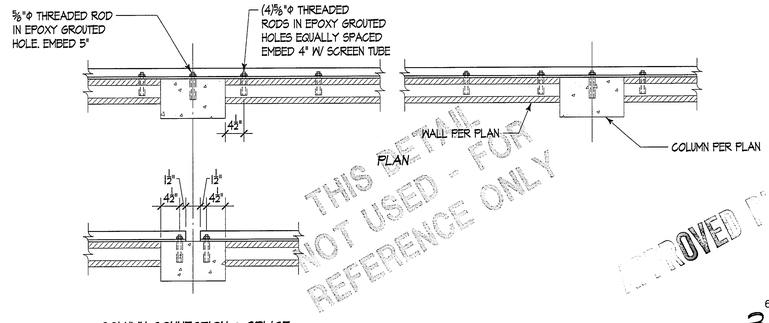
SECTION AT FOUNDATION



PLAN

6132

28



THIS DETAIL NOT USED - FOR REFERENCE ONLY

6113

30

BID SET

INTEGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 - SEATTLE WA 98104
TELEPHONE 206-628-3137 FAX 206-628-3138

COUGHLIN PORTER LUNDEEN
217 PINE STREET - SUITE 300
SEATTLE, WA 98101
P: 206/343-0460
F: 206/343-5691
A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

James E. Coughlin — Registered Professional Engineer — State of Washington — Expires 7/25/03

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
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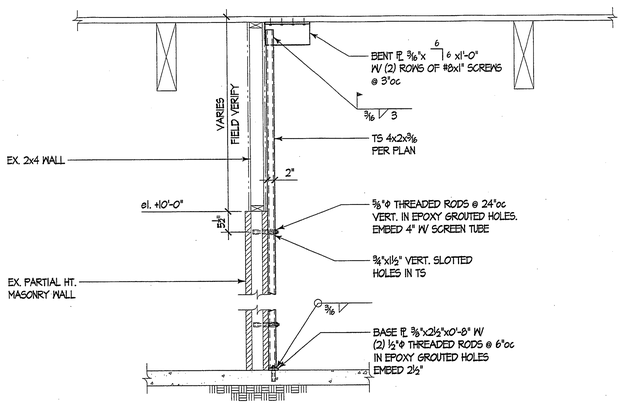
PERMIT REVISIONS	06/10/02

MASONRY DETAILS

S4.1

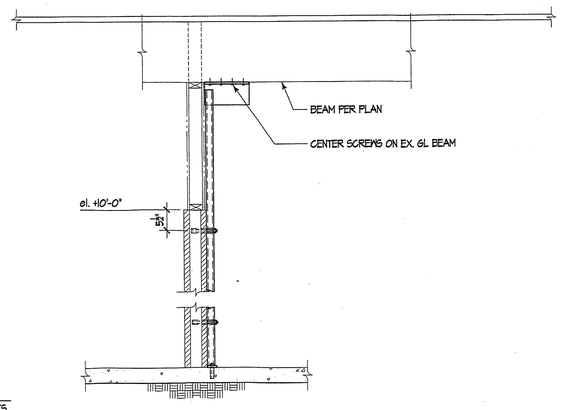
RECEIVED
JUN 12 2002
BUILDING DEPT



NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

Strong-Back Between Beams

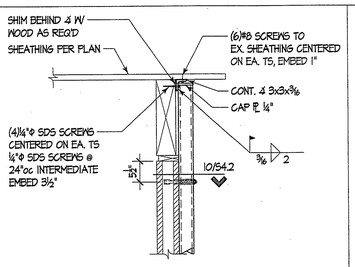
6118
2



FOR CALL-OUTS IN COMMON SEE DETAIL 2/S4.2

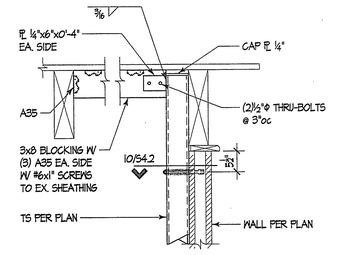
Strong-Back at Perp. Beams

6119
14



NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

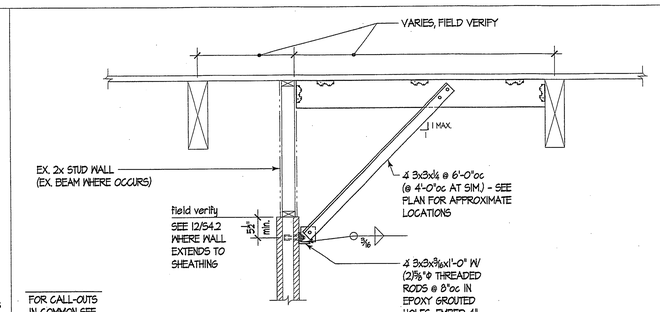
6131
3



FOR CALL-OUTS IN COMMON SEE DETAIL 10/54.2

NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

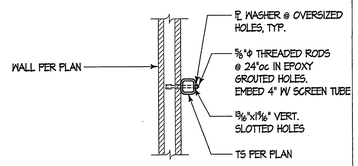
6126
4



FOR CALL-OUTS IN COMMON SEE DETAIL 12/54.1

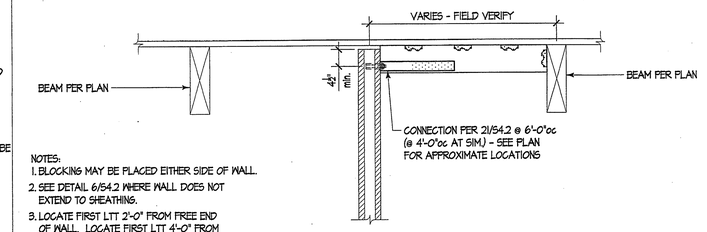
6123
6

9



PLAN

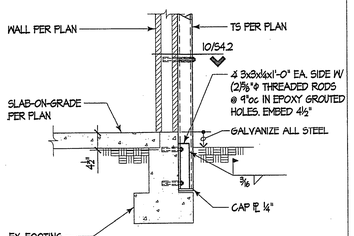
6124
10



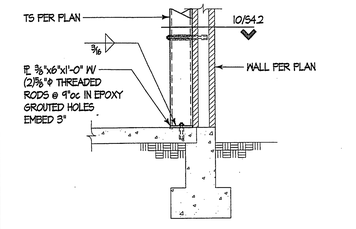
NOTES:
1. BLOCKING MAY BE PLACED EITHER SIDE OF WALL.
2. SEE DETAIL 6/54.2 WHERE WALL DOES NOT EXTEND TO SHEATHING.
3. LOCATE FIRST LTT 2'-0" FROM FREE END OF WALL. LOCATE FIRST LTT 4'-0" FROM PERPENDICULAR MASONRY WALL.

FOR CALL-OUTS IN COMMON SEE DETAIL 21/54.2

6121
12

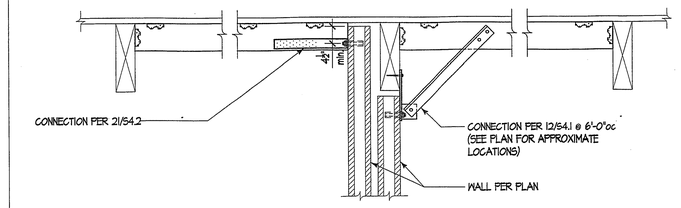


6130
15



FOR CALL-OUTS IN COMMON SEE DETAIL 10/54.2

6125
16



FOR CALL-OUTS IN COMMON SEE DETAIL 21/54.2 & 12/54.1

6107
18

19

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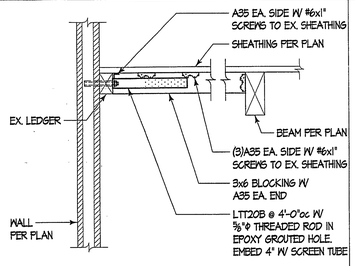
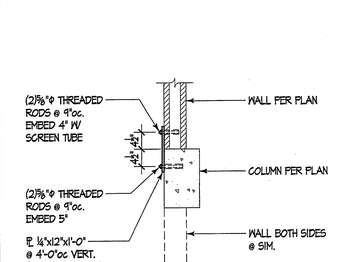


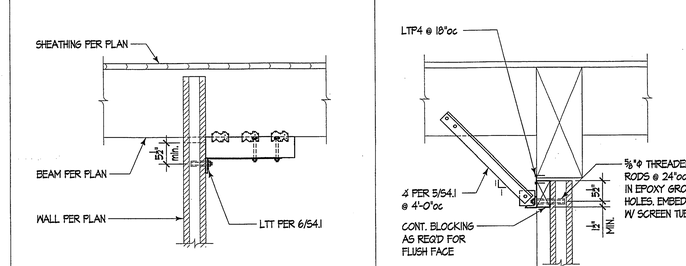
NOTE: NEW SCREWS SHALL NOT PENETRATE EX. ROOFING.

6105
21



PLAN

6129
22



NOTE: LTT MAY BE INSTALLED EITHER SIDE OF WALL

Partial Ht. Wall Bracing @ GL Beam

6104
23

FOR CALL-OUTS IN COMMON SEE DETAIL 5/54.1

6106
24

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APPROVED PLAN

PERMIT SET

INTĒGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 - SEATTLE WA 98104
TELEPHONE 206.623.3127 FAX 206.623.3138

COUGHLIN PORTER LUNDEEN
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A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

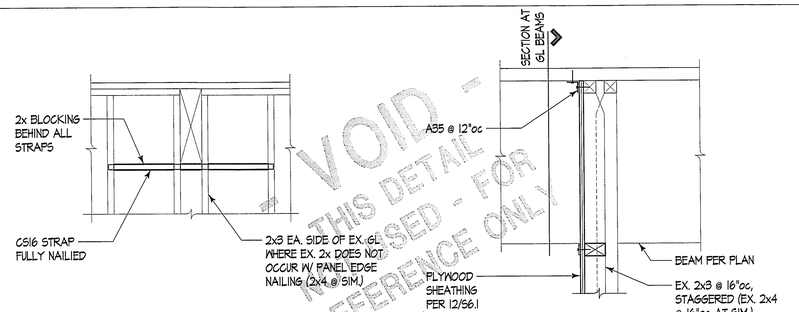
Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	05-01-02
Job No.:	S010083-01
Drawn By:	RJH
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:

MASONRY DETAILS

S4.2

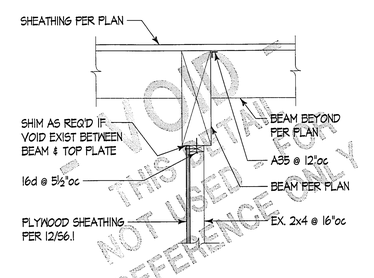
BUILDING DEPT.



FOR CALL-OUTS IN COMMON SEE DETAIL 12/S6.1

SECTION
3/4"=1'-0"

6109
5

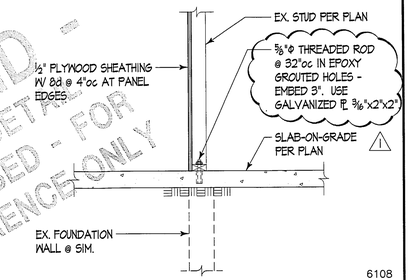


FOR CALL-OUTS IN COMMON SEE DETAIL 12/S6.1

6110
6

SHEAR WALL NOTES:

1. ½" THICK SHEATHING SHALL HAVE A PANEL SPAN RATING OF 24/0.
2. PANEL NAILING APPLIES TO ALL SHEATHING PANEL EDGES. NAIL SHEATHING TO INTERMEDIATE FRAMING W/ PANEL NAILS @ 12"oc.
3. SHEAR WALL CAPACITIES ARE BASED ON THE USE OF COMMON NAILS. POWER DRIVEN NAILS MAY BE SUBSTITUTED FOR COMMON NAILS PER GENERAL STRUCTURAL NOTES.
4. EXTENTS OF PLYWOOD SHOWN ON PLANS INDICATES MINIMUM LENGTH REQUIRED PER STRUCTURAL. PLYWOOD MAY BE REQUIRED TO BE EXTENDED TO ENDS OF WALLS TO FACILITATE FLUSH FURRING OF WALLS PRIOR TO NEW GWB APPLICATION. COORDINATE WITH ARCHITECTURAL.



NOTE: SEE PLAN FOR SIDE OF WALL W/ SHEATHING

6108
12

NAILING SCHEDULE
(per 1997 UBC Table 23-II-B-1)

CONNECTION	NAILING
1. Joist to sill or girder, toenail	(3) 8d
2. Bridging to joist, toenail each end	(2) 8d
3. 1" x 6" subfloor or less to each joist, face nail	(2) 8d
4. Wider than 1" x 6" subfloor to each joist, face nail	(3) 8d
5. 2" subfloor to joist or girder, blind and face nail	(2) 16d
6. Sole plate to joist or blocking, typical face nail	16d at 16"oc
Sole plate to joist or blocking, at braced wall panels	(3) 16d per 16"
7. Top plate to stud, end nail	(2) 16d
8. Stud to sole plate	(4) 8d, toenail or (2) 16d, end nail
9. Double studs, face nail	16d at 24"oc
10. Doubled top plates, typical face nail	16d at 16"oc
Double top plates, lap splice	(8) 16d
11. Blocking between joists or rafters to top plate, toenail	(3) 8d
12. Rim joist to top plate, toenail	8d at 6"oc
13. Top plates, laps and intersections, face nail	(2) 16d
14. Continuous header, two pieces	16d at 16"oc along each edge
15. Ceiling joists to plate, toenail	(3) 8d
16. Continuous header to stud, toe nail	(4) 8d
17. Ceiling joists, lap over partitions, face nail	(3) 16d
18. Ceiling joists to parallel rafters, face nail	(3) 16d
19. Rafter to plate, toenail	(3) 8d
20. 1" brace to each stud and plate, face nail	(2) 8d
21. 1" x 8" sheathing or less to each bearing, face nail	(2) 8d
22. Wider than 1" x 8" sheathing to each bearing, face nail	(3) 8d
23. Built-up corner studs	16d at 24"oc
24. Built-up girder and beams	20d at 32"oc at top and bottom and staggered (2) 20d at ends and at each splice

6000
30

- VOID - THIS DETAIL NOT USED - FOR REFERENCE ONLY
APPROVED PLAN
RECEIVED JUN 12 2002 BUILDING DEPT.

BID SET

INTEGRUS ARCHITECTURE
720 THIRD AVENUE, SUITE 2300 - SEATTLE WA 98104
TELEPHONE 206-628-3138 FAX 206-628-3138

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217 PINE STREET - SUITE 300
SEATTLE, WA 98101
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A CONSULTING STRUCTURAL AND CIVIL ENGINEERING CORPORATION

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Date:	05-10-02
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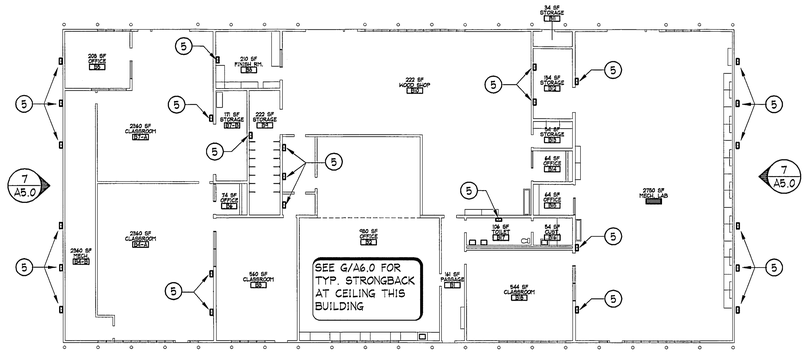
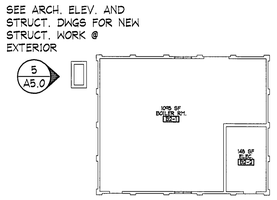
Checked By:	ELT, BRZ
Filename:	
Revisions:	Date:
1 PERMIT REVISIONS	06/10/02

WOOD DETAILS

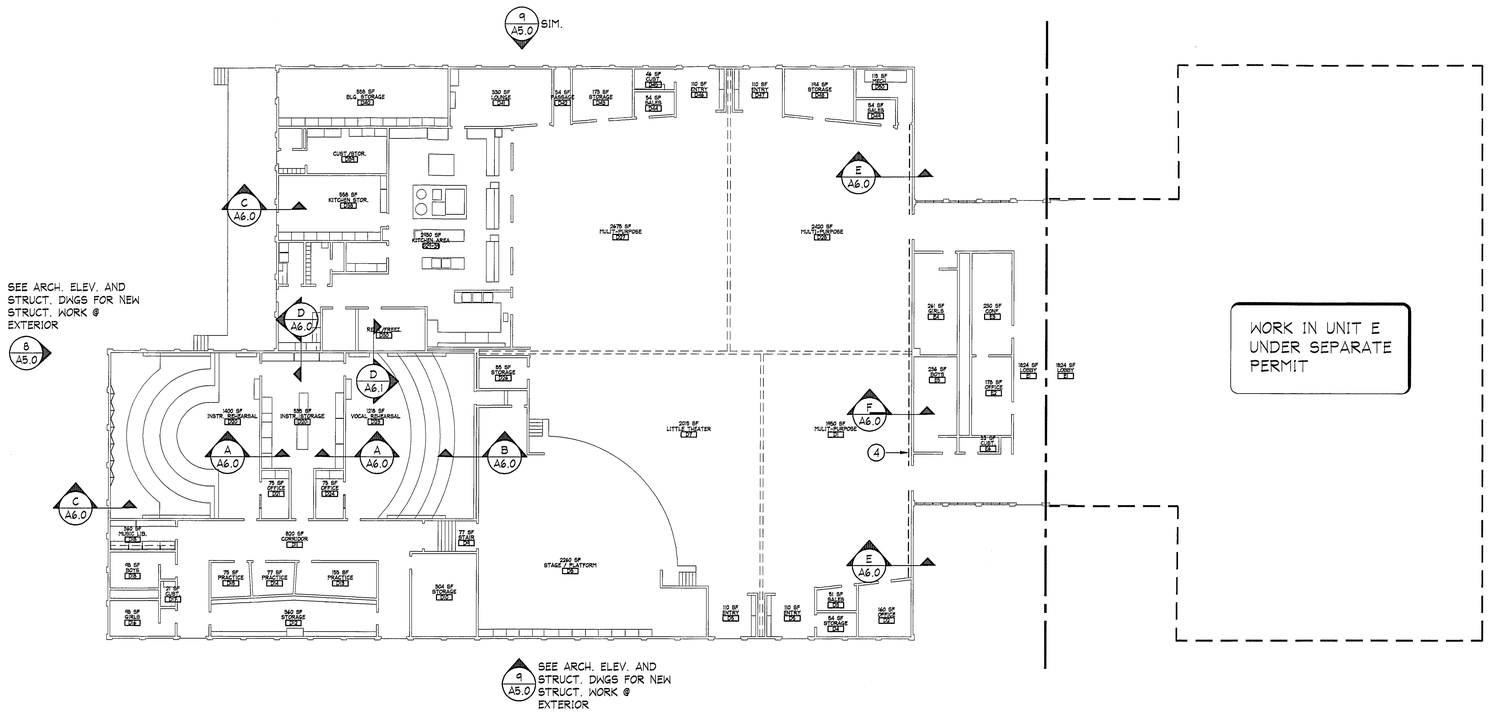
S6.1



1 BLDG. B-1 - FLOOR PLAN
1/16" = 1'-0"



2 BLDG. B-2 - FLOOR PLAN
1/16" = 1'-0"



1 BLDG. D - FLOOR PLAN
1/16" = 1'-0"

GENERAL NOTES:

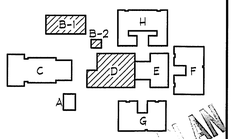
STRUCTURAL WORK INDICATED ON THIS SHEET IS SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN IN THE STRUCTURAL DRAWINGS.

1 ALL NEW EXTERIOR STRUCTURAL STEEL MEMBERS, INCLUDING PLATE CONNECTORS AND OTHER HARDWARE EXPOSED TO WEATHER ARE TO BE GALVANIZED.

KEY NOTES:

4 EXTENT OF EXIST. WOOD SLAT ACOUSTIC WALL TREATMENT- -REFER WALL SECTIONS

5 NEW VERT. TUBE STEEL 'STRONGBACK' -REFER STRUCTURAL DWGS.



PERMIT SET

INTEGRUS
ARCHITECTURE
700 TOWN & DIAMOND, SUITE 206 & NESE AT TACOMA WA 98204
TELEPHONE 308-838-8687 FAX 308-838-3198

3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

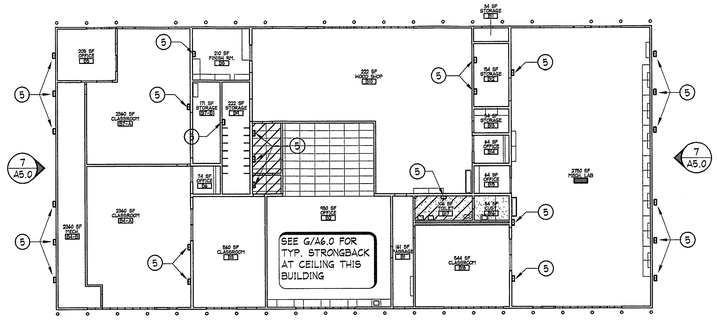
Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	5-01-02
Job No.:	20157.00
Drawn By:	CS
Checked By:	BC
Filename:	157A1-0
Revisions:	1 6/10/02

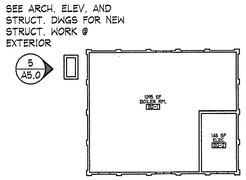
BUILDING FLOOR PLANS

A1.0

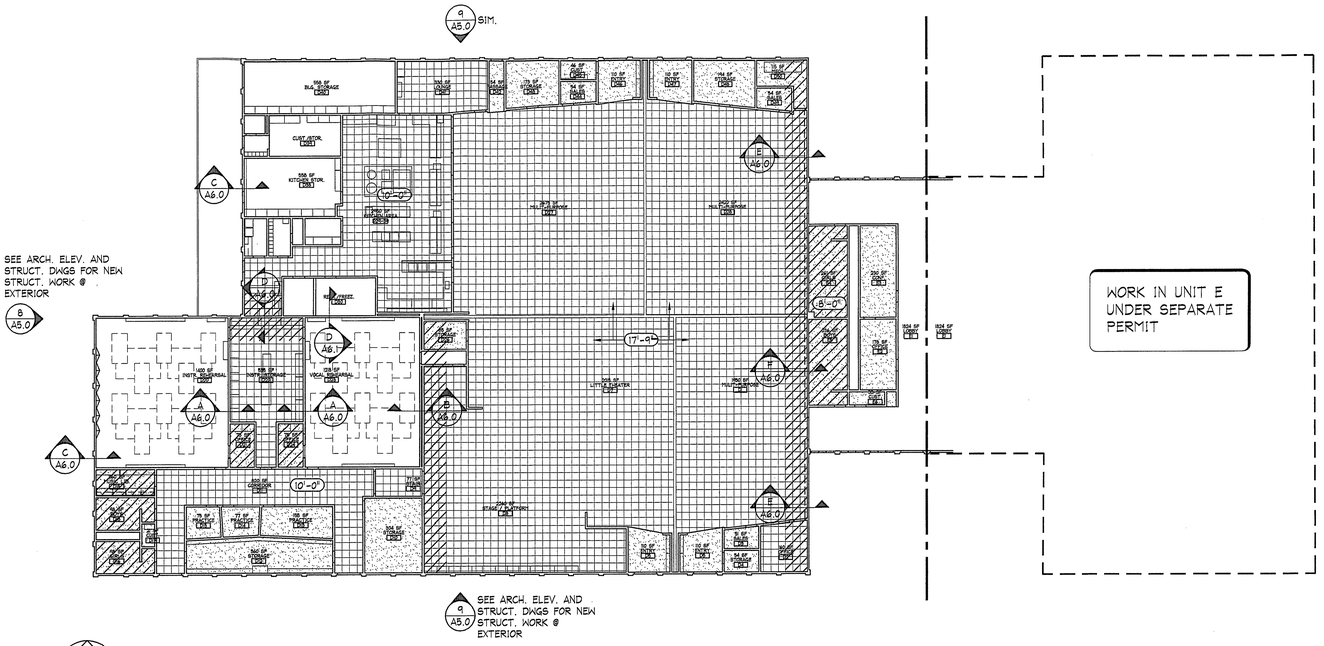
RECEIVED
JUN 12 2002
BUILDING DEPT.



1 BLDG. B-1 - REF. CEILING PLAN
1/16" = 1'-0"



2 BLDG. B-2 - REF. CEILING PLAN
1/16" = 1'-0"



1 BLDG. D - REF. CEILING PLAN
1/16" = 1'-0"

NORTH

GENERAL NOTES:

1. STRUCTURAL WORK INDICATED ON THIS SHEET IS SHOWN FOR REFERENCE PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN IN THE STRUCTURAL DRAWINGS.
2. CEILING SYMBOLS SHOWN ON THIS SHEET ARE FOR GENERAL REFERENCE ONLY. EXISTING CEILING TYPES & ASSEMBLIES VARY- REFER 'EXISTING REF. CEILING PLANS' FOR SPECIFIC CEILING ASSEMBLY INFORMATION.
3. REFER SPEC. SECTION 02225 FOR MINOR DEMOLITION REQUIREMENTS.
4. REMOVE & REINSTALL MISC. MECHANICAL AND ELECTRICAL SYSTEMS & DEVICES AS REQUIRED FOR REMOVAL AND REPLACEMENT OF EXISTING CEILING. PROVIDE FOR FINAL CONNECTION AND TESTING AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM.

KEY NOTES:

(3) NOTCH EXISTING WALL PARTITION (APPROX 6 SQ. IN.) @ EXTERIOR WALL TO ACCOMODATE NEW CONT. STRUCTURAL BRACE PENETRATION. REFINISHING NOT REQ.'D WHERE ABOVE FIN. CEILING.

(5) NEW VERT. TUBE STEEL 'STRONGBACK' -REFER STRUCTURAL DWGS.

CEILING LEGEND:

(AREAS NOT HATCHED INDICATE EXPOSED ROOF/CEILING STRUCTURE)

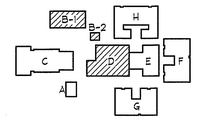
INDICATES AREA OF SUSPENDED CEILING

INDICATES GYP. CEILING ASSEMBLY

INDICATES PORTION OF CEILING TO BE REMOVED AND RESTORED (AS FOLLOWS) AS PART OF BASE BID:

SUSPENDED CEILINGS: REMOVE & REINSTALL. BASE BID TO INCLUDE NEW CEILING TILES (TO MATCH EXISTING) FOR UP TO 20% OF DISTURBED CEILING AREA

GYP. CEILINGS: REMOVE & REPLACE. NOTE: DISTURBED GYPSUM CEILINGS AT EXISTING STORAGE ROOMS SHALL BE REPLACED TO BE OF 1-HR. FIRE RATED CONSTRUCTION.



APPROVED PLAN

PERMIT SET

INTĒGRUS ARCHITECTURE

700 1190 BOWN DIVISION SUITE 200 BOWN DIVISION CENTRAL WA 98204
TELEPHONE 206-838-6687 FAX 206-838-3198

3994 REGISTERED ARCHITECT
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STATE OF WASHINGTON

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23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

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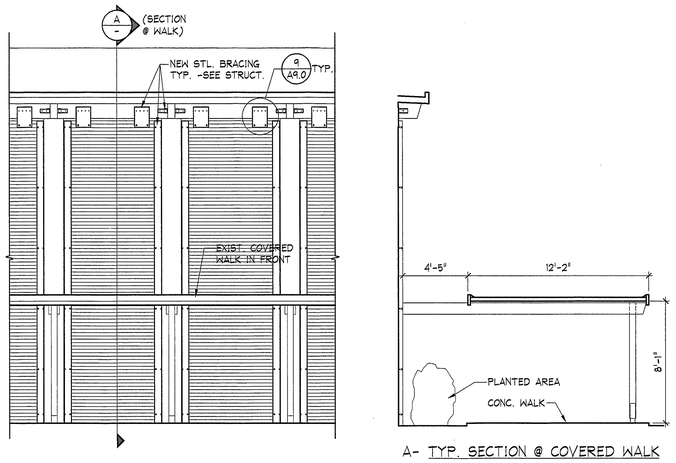
Drawn By:	CS
Checked By:	BC
Filename:	157A2-0
Revisions:	

REF. CEILING PLANS

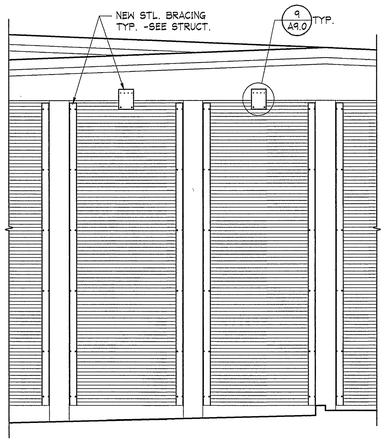
A2.0

BUILDING DEPT.

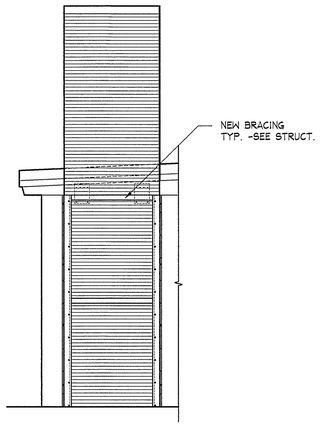


A- TYP. SECTION @ COVERED WALK

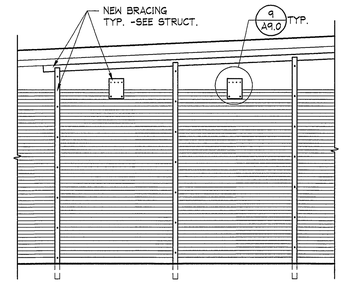
1 ENLARGED PARTIAL ELEVATION
1/4" = 1'-0"



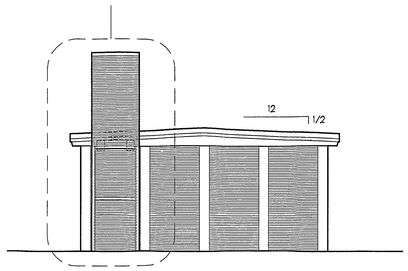
2 ENLARGED PARTIAL ELEVATION
1/4" = 1'-0"



3 ENLARGED PARTIAL ELEVATION
1/4" = 1'-0"

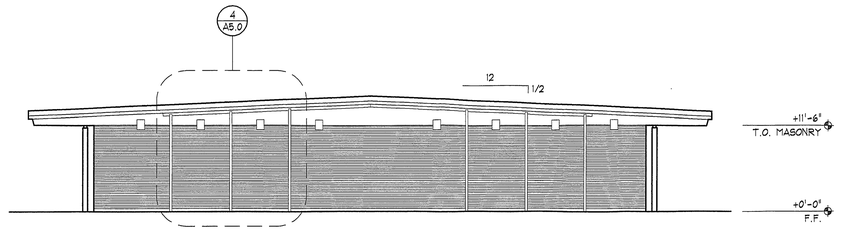


4 ENLARGED PARTIAL ELEVATION
1/4" = 1'-0"

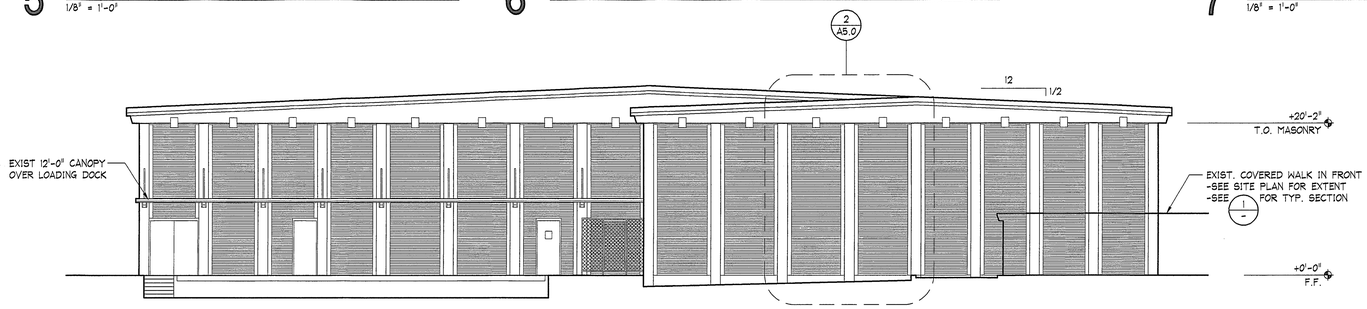


5 UNIT B-2 (MECH.) - NORTH ELEVATION
1/8" = 1'-0"

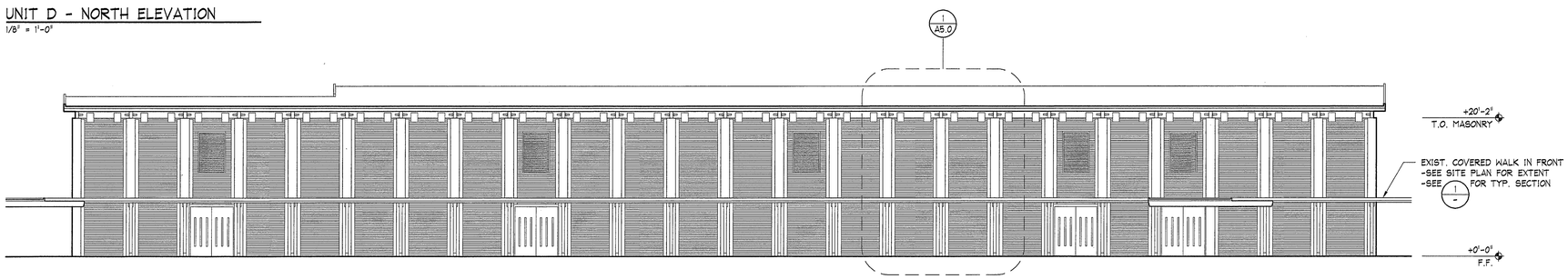
6 NOT USED



7 UNIT B-1 - SOUTH ELEVATION (NORTH SIM.)
1/8" = 1'-0"



8 UNIT D - NORTH ELEVATION
1/8" = 1'-0"



9 UNIT D - WEST ELEVATION (EAST SIM.)
1/8" = 1'-0"

INTEGRUS
ARCHITECTURE
700 TOWN & DWAY VENEZOLA, SUITE 2 & 8 NEW EATTAWAY WA 98204
TELEPHONE 509-838-8687 FAX 509-838-3198

3994 REGISTERED ARCHITECT
LARRY DALE HURLBERT
STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

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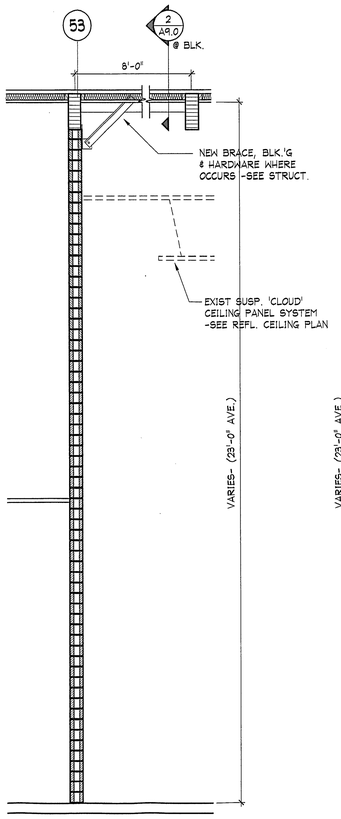
Revisions:	

EXTERIOR ELEVATIONS

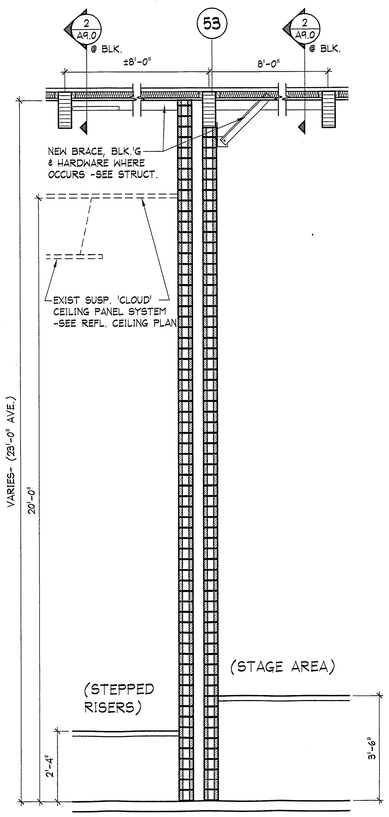
A5.0

PERMIT SET

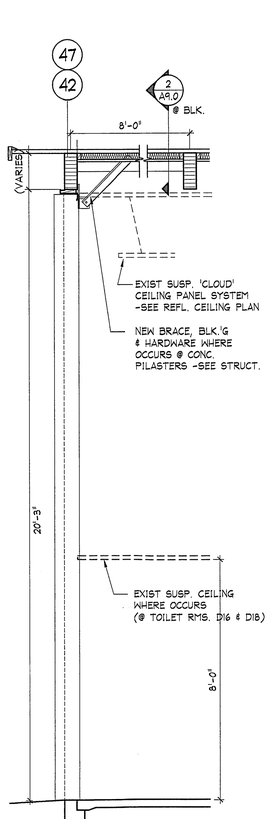
BUILDING DEPT.



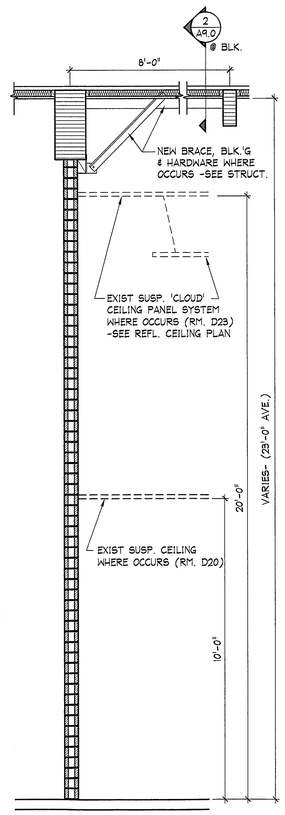
A WALL SECTION
UNIT D - MUSIC
1/2" = 1'-0"



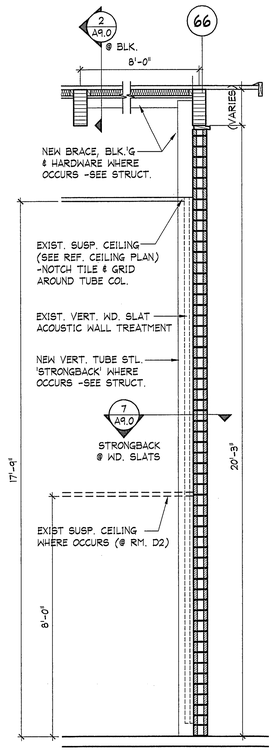
B WALL SECTION
UNIT D - COMMONS/MUSIC
1/2" = 1'-0"



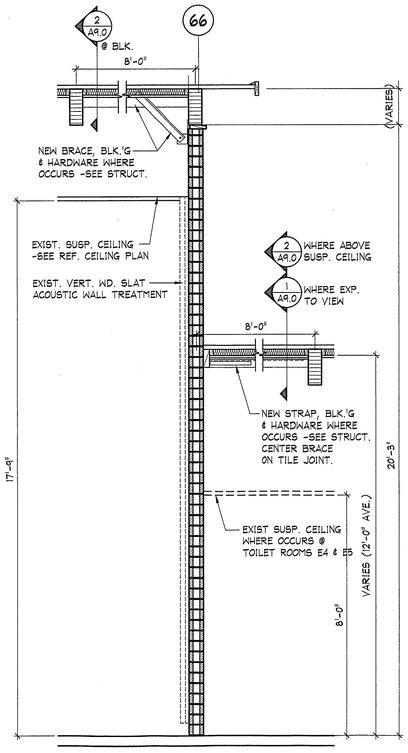
C WALL SECTION
UNIT D - COMMONS
1/2" = 1'-0"



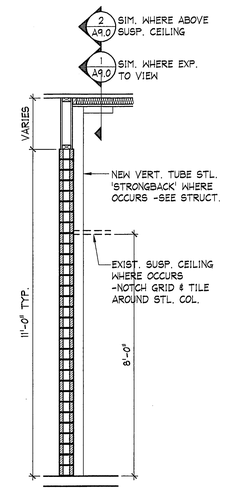
D WALL SECTION
UNIT D - COMMONS/MUSIC
1/2" = 1'-0"



E WALL SECTION
UNIT D - COMMONS
1/2" = 1'-0"



F WALL SECTION
UNIT D - COMMONS
1/2" = 1'-0"
BETWEEN GRIDS AH & AS



G WALL SECTION
UNIT B
1/2" = 1'-0"

NOTES:
-ALL ASSEMBLIES AND MATERIALS SHOWN ARE EXISTING U.N.O.
-REFER REFLECTED CEILING PLANS FOR CEILING INFORMATION.

PERMIT SET

INTĒGRUS ARCHITECTURE
720 3RD AVENUE/SUITE 1820/SEATTLE WA 98104
TELEPHONE 206-686-0887 FAX 206-686-2186

3994 REGISTERED ARCHITECT LARRY DALE HURLBERT STATE OF WASHINGTON

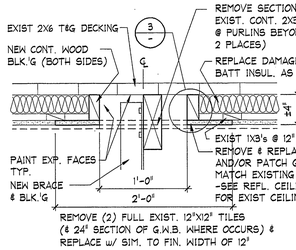
Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
EDMONDS, WASHINGTON 98020

Date:	5-01-02
Job No.:	20157.00
Drawn By:	CS
Checked By:	BC
Filename:	157A6-0
Revisions:	

WALL SECTIONS

A6.0

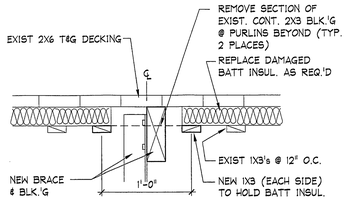
APPROVED PLAN
BUILDING DEPT.



CL02.DWG

1 DETAIL @ FURRED ROOF DECK WHERE EXPOSED TO VIEW

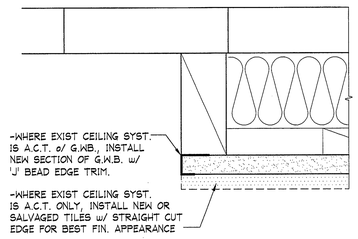
1 1/2" = 1'-0"



CL02.DWG

2 DETAIL @ FURRED ROOF DECK WHERE ABOVE FIN. CEILING

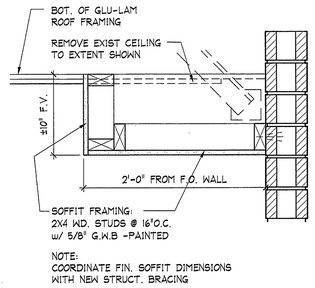
1 1/2" = 1'-0"



CL03

3 DETAIL AT BLOCKING

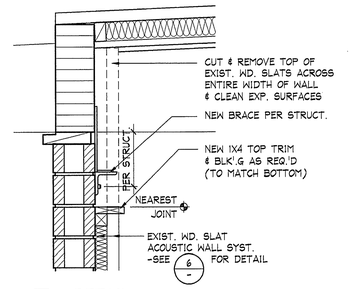
HALF SIZE



CL04.DWG

4 SOFFIT FRAMING

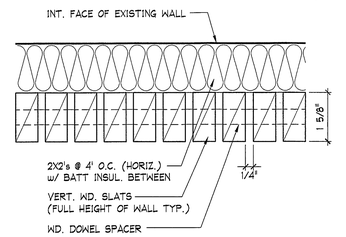
1 1/2" = 1'-0"



HL02.DWG

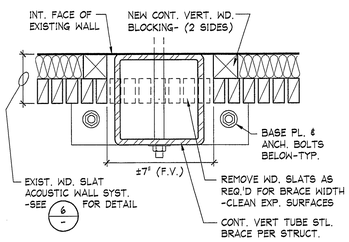
5 DETAIL

1 1/2" = 1'-0"



6 EXIST. WD. SLAT ACOUSTIC WALL

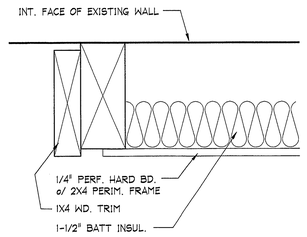
HALF SIZE



HL05.DWG

7 PLAN DETAIL @ TUBE STEEL

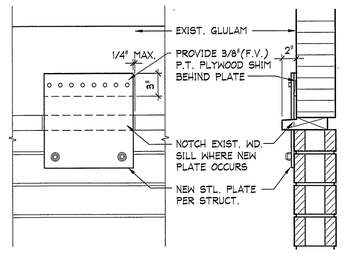
3" = 1'-0"



HL05

8 DETAIL @ TYP. EXIST. A.W.P. @ GYM

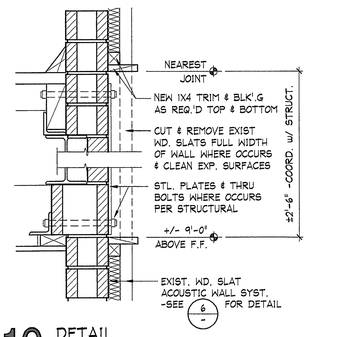
HALF SIZE



HL07.DWG

9 DETAIL @ PLATE @ EXT. GLULAM

1 1/2" = 1'-0"



HL04

10 DETAIL

1 1/2" = 1'-0"

INTEGRUS ARCHITECTURE
720 OLIVE WAY, SUITE 1000 SEATTLE, WA 98101
TELEPHONE 206.623.1057 FAX 206.623.2198

3994 REGISTERED ARCHITECT LARRY DALE HURLBERT STATE OF WASHINGTON

Edmonds School District No. 15
FORMER WOODWAY HIGH SCHOOL
SEISMIC UPGRADE
23200 100TH AVENUE WEST
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Revisions:	

DETAILS

A9.0

APPROVED PLAN

PERMIT SET