

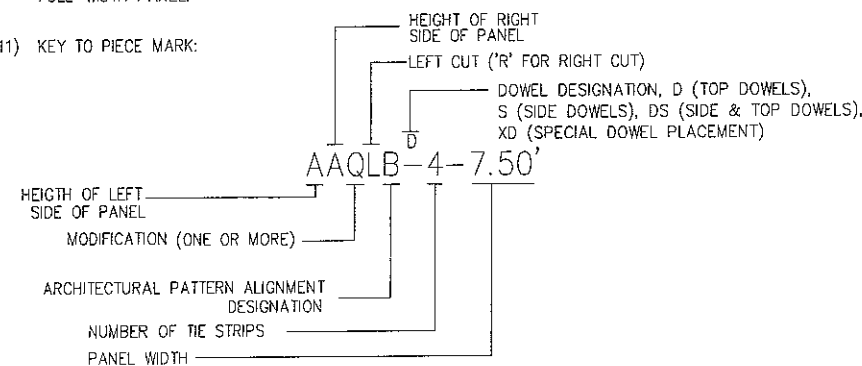
The Reinforced Earth Company

1660 Hotel Circle N. - Suite 304, San Diego, California 92108 (619) 688-2400

PRECAST PANEL SHOP DRAWINGS 4.92' x 9.84' RECTANGULAR PANELS

PANEL GENERAL NOTES

- 1) a. REINFORCING BARS SHALL BE ASTM A615 GRADE 60, GALVANIZED.
b. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497, GRADE 60 GALVANIZED. REFER TO WELDED WIRE MESH ALTERNATE DETAIL FOR SPACING AND CONFIGURATION.
- 2) CONCRETE FOR PRECAST PANELS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AFTER 28 DAYS OF 4000 p.s.i., OR AS REQUIRED BY THE PROJECT SPECIAL PROVISIONS.
- 3) TIE STRIPS SHALL BE STEEL ASTM A1011 SS, GRADE 50 (FORMERLY ASTM A570) (GALVANIZED PER ASTM A-123).
- 4) ALL FRONT EDGES OF PANELS SHALL HAVE A 1/2" CHAMFER.
- 5) TIE STRIPS SHALL BE PLACED WITHIN 1" OF THE DIMENSION SHOWN ON THE FABRICATION DRAWINGS.
- 6) PANEL DESIGN THICKNESS IS 5 1/2". THE QUANTITY OF CONCRETE WILL INCREASE TO ACCOMMODATE ANY ARCHITECTURAL SURFACE FINISH THAT MAY BE SPECIFIED.
- 7) VERTICAL REINFORCING BARS SHALL BE PLACED 1 1/2" (MIN.) CLEAR FROM THE BACK FACE OF THE PANEL.
- 8) ALL REINFORCING BARS SHALL BE STOPPED 1 1/2" (MIN.) CLEAR FROM ANY EDGE OF PANEL UNLESS NOTED ON INDIVIDUAL FABRICATION DRAWING.
- 9) ALL INDIVIDUAL FABRICATION DRAWINGS ARE SHOWN BACK FACE.
- 10) IF COPING DOWELS ARE REQUIRED, USE 2'-0" LONG, SIX (6) PER FULL-WIDTH PANEL.
- 11) KEY TO PIECE MARK:



CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF REINFORCED EARTH STRUCTURES ONLY

THIS SUBMITTAL INCLUDES WALL R484-B ONLY - SINGLE STAGE WALL

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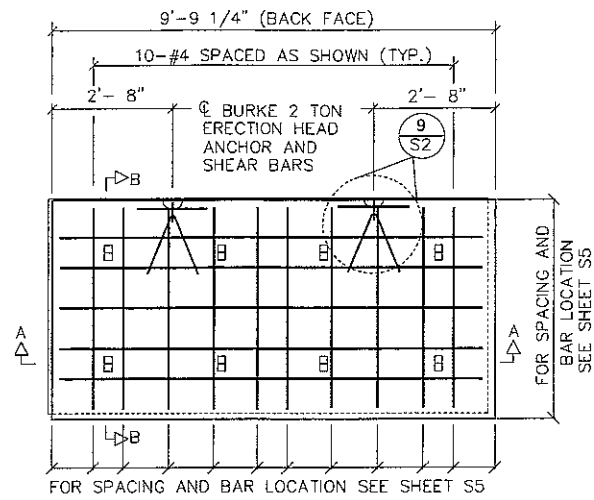
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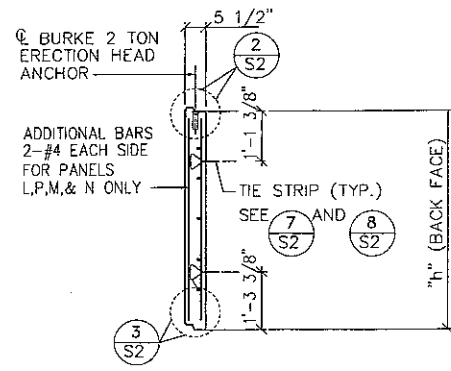
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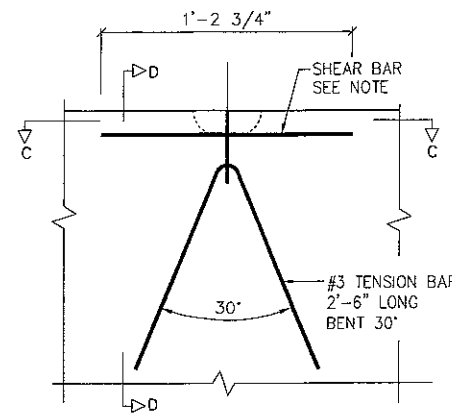
DESIGNED BY: JKI				PROJECT NAME	REINFORCED EARTH RETAINING WALLS LEGACY PARKWAY - SEGMENT 3	DATE	07/10/07
PROJECT ENGR: JLC				LOCATION	CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO.	RE-12527
CHECKED BY: FSH/ML				OWNER	UTAH DOT	DRAWING NO.	S1 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	DRAWING COVERS	GENERAL NOTES	SCALE	AS SHOWN



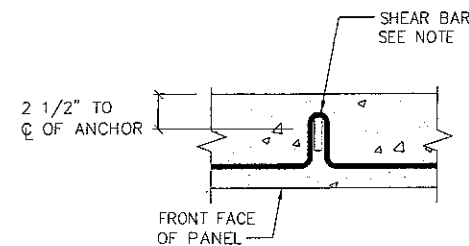
ELEVATION - BACK FACE



SECTION B-B

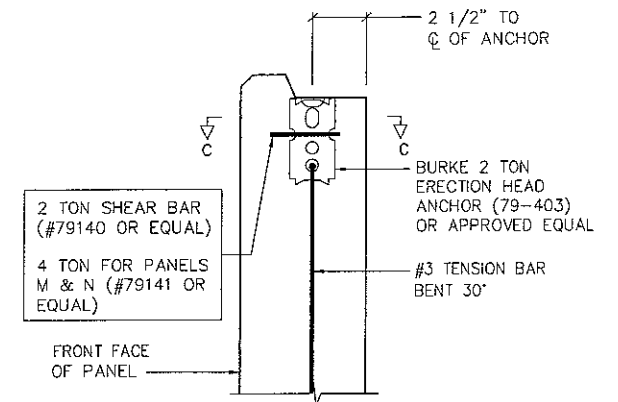


TENSION BAR DETAIL

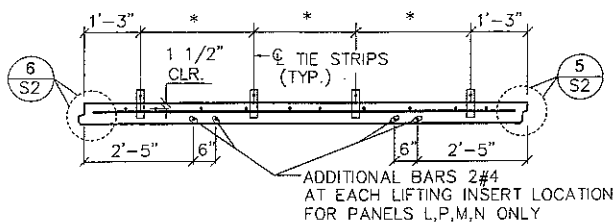


SECTION C-C

NOTE: SHEAR BAR AS PROVIDED BY BURKE FOR USE WITH 2 TON, TWO HOLE, ERECTION HEAD ANCHOR SHEAR BAR #79140.



SECTION D-D ERECTION HEAD SCALE: 3"=1'

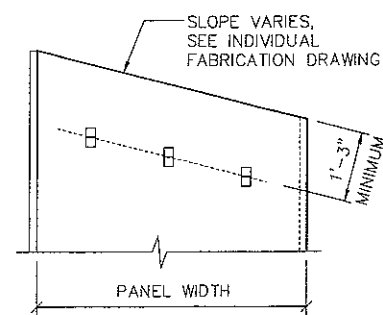


SECTION A-A SCALE: 1/2" = 1'-0"

* FOR TIE STRIP SPACING SEE SHEET S3

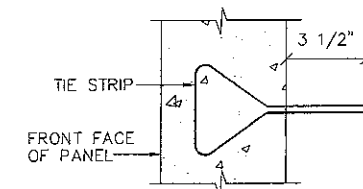
PANEL TYPE	"h"
A	4'-10 1/4"
C	1'-9 1/2"
B & D	2'-4 3/4"
E	3'-0 1/4"
F & Q	3'-7 1/2"
G	4'-3"
K	5'-5 3/4"
L & P	6'-1"
M	6'-8 1/2"
N	7'-3 3/4"

NOTE: CONCRETE COVER ON ALL REINFORCEMENT TO BE 1 1/2" MIN.



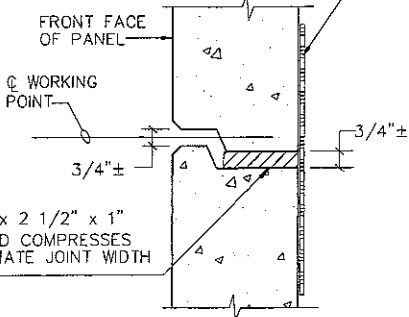
SLOPE TOP PANELS

12"-WIDE (TYP.) STRIPS OF FILTER CLOTH PLACED ON BACK FACE OF PANEL CENTERED OVER ALL VERTICAL JOINTS WITH AN ADHESIVE COMPOUND SUPPLIED BY THE REINFORCED EARTH CO.

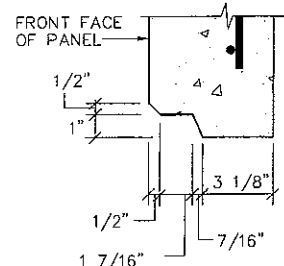


SECTION 7 TIE STRIP EMBEDDED IN PANEL SCALE: 3"=1'-0"

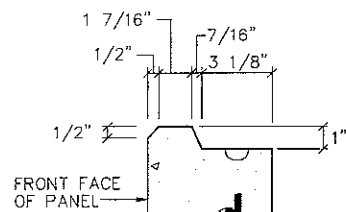
12"-WIDE (TYP.) STRIPS OF FILTER CLOTH PLACED ON BACK FACE OF PANEL CENTERED OVER ALL HORIZONTAL JOINTS WITH AN ADHESIVE COMPOUND SUPPLIED BY THE REINFORCED EARTH CO.



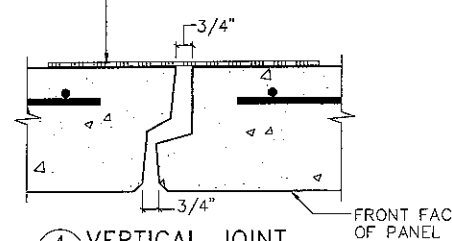
SECTION 1 HORIZONTAL JOINT SCALE: 3"=1'-0"



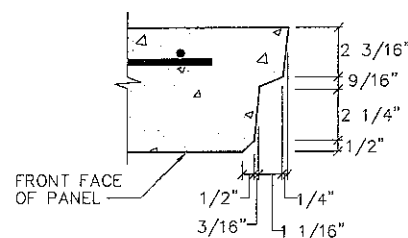
SECTION 3 SECTION @ PANEL BOTTOM SCALE: 3"=1'-0"



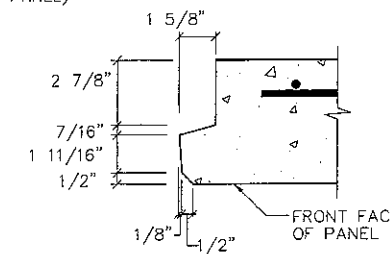
SECTION 2 SECTION @ PANEL TOP SCALE: 3"=1'-0"



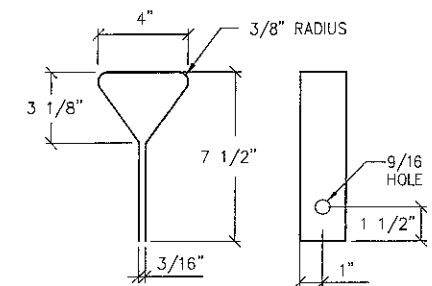
SECTION 4 VERTICAL JOINT SCALE: 3"=1'-0" (LOOKING UP PANEL)



SECTION 5 SECTION @ PANEL RIGHT SIDE OF SECTION A-A SCALE: 3"=1'-0"



SECTION 6 SECTION @ PANEL LEFT SIDE OF SECTION A-A SCALE: 3"=1'-0"



SECTION 8 TIE STRIP DETAIL SCALE: 3"=1'-0"

HORIZONTAL JOINT

VERTICAL JOINT

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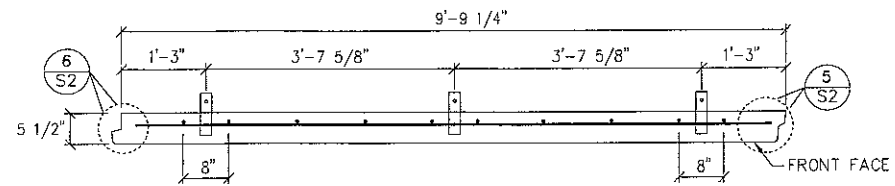
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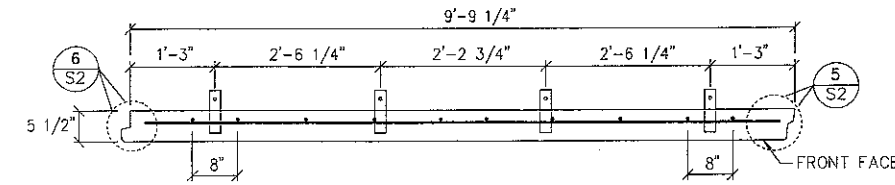


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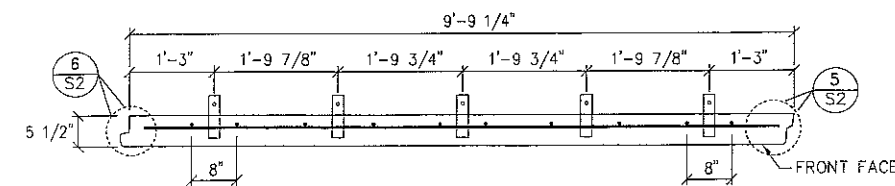
DESIGNED BY: JKI	PROJECT ENGR: JLC	CHECKED BY: FSH/ML	ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	PROJECT NAME REINFORCED EARTH RETAINING WALLS LEGACY PARKWAY - SEGMENT 3	DATE 07/10/07
							LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
							OWNER UTAH DOT	DRAWING NO. S2 OF S12
							DRAWING COVERS STANDARD DETAILS	SCALE AS SHOWN



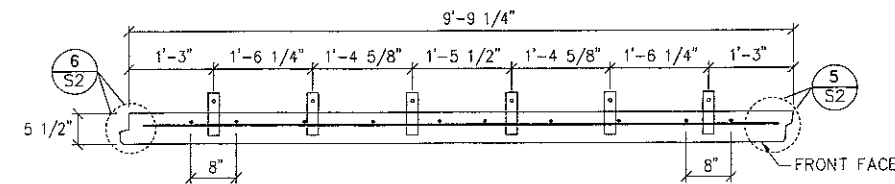
HORIZONTAL SECTION W/3 TIE STRIPS
(LOOKING UP PANEL)



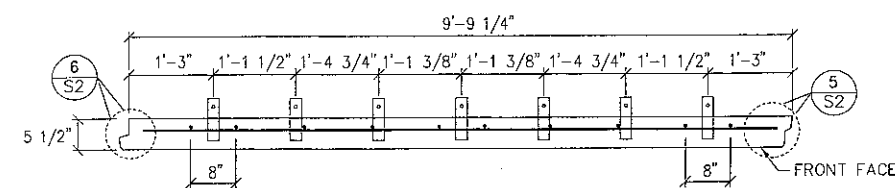
HORIZONTAL SECTION W/4 TIE STRIPS
(LOOKING UP PANEL)



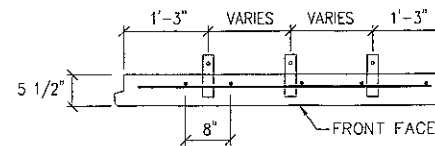
HORIZONTAL SECTION W/5 TIE STRIPS
(LOOKING UP PANEL)



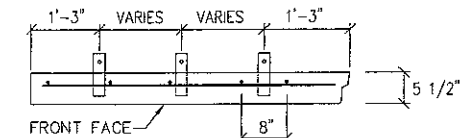
HORIZONTAL SECTION W/6 TIE STRIPS
(LOOKING UP PANEL)



HORIZONTAL SECTION W/7 TIE STRIPS
(LOOKING UP PANEL)

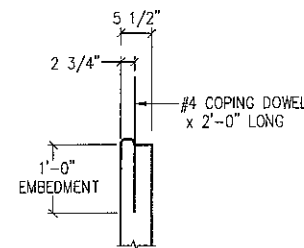


HORIZONTAL SECTION LEFT CUT PANEL
(LOOKING UP PANEL)



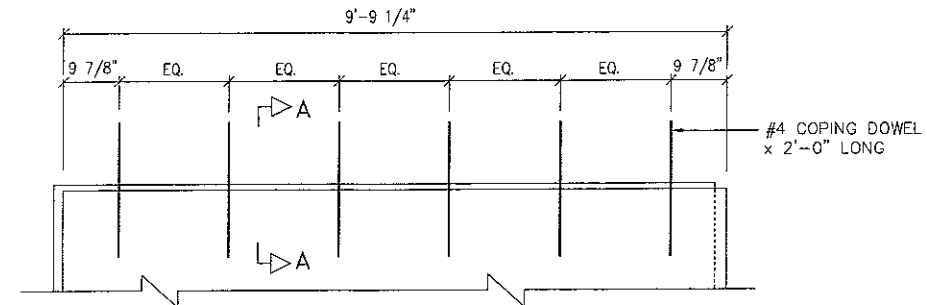
HORIZONTAL SECTION RIGHT CUT PANEL
(LOOKING UP PANEL)

NOTE:
TOP COPING DOWELS NOT APPLICABLE TO THIS PROJECT.
HOWEVER, SIDE DOWELS ARE APPLICABLE WHERE SHOWN.



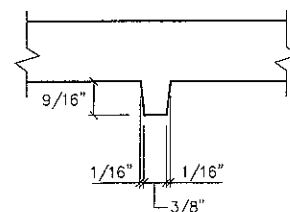
SECTION A-A AT TOP W/DOWELS

NOTE:
USE EITHER STANDARD PANEL WITH UP (AS SHOWN) OR FLAT TOP WITH FORM HEADER WHEN USING COPING DOWELS.

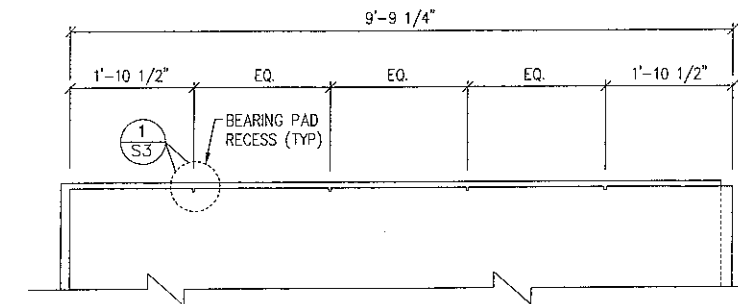


COPING DOWEL DETAILS
(BACK FACE)

NOTE:
1) ALL HORIZONTAL AND VERTICAL REBAR SHOWN IS #4, UNLESS OTHERWISE NOTED ON THE INDIVIDUAL PANEL DETAILS.



BEARING PAD RECESS
NOT TO SCALE



BEARING PAD DETAIL
(BACK FACE)

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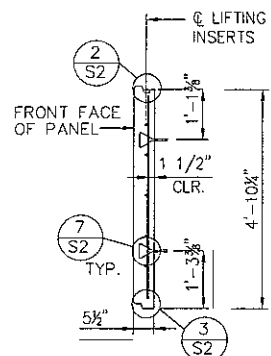
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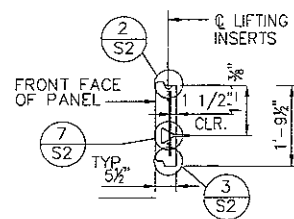


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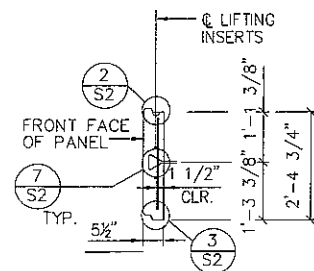
DESIGNED BY: JKI				PROJECT NAME REINFORCED EARTH RETAINING WALLS LEGACY PARKWAY - SEGMENT 3	DATE 07/10/07
PROJECT ENGR: JLC				LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
CHECKED BY: FSH/ML				OWNER UTAH DOT	DRAWING NO. S3 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	DRAWING COVERS STANDARD PANELS - HORIZONTAL SECTIONS	SCALE AS SHOWN



SECTION B-B PANEL "A"

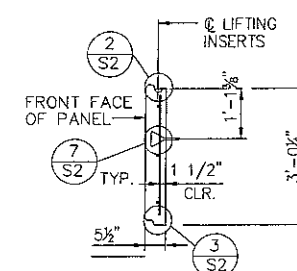


SECTION B-B PANEL "C"

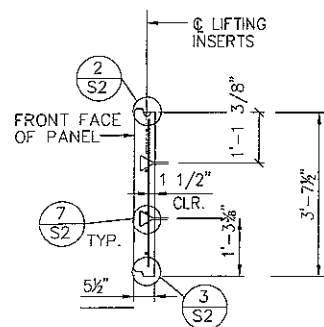


SECTION B-B PANEL "D" OR "B"

TOP PANEL ONLY | BOTTOM PANEL ONLY

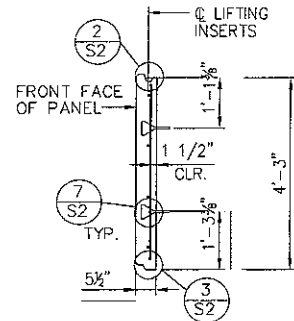


SECTION B-B PANEL "E"
"TOP PANEL ONLY"

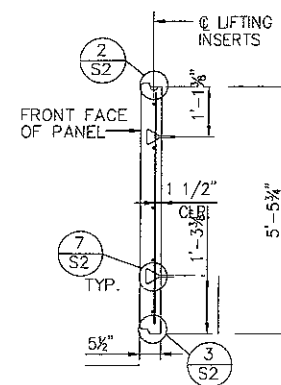


SECTION B-B PANEL "F" OR "Q"

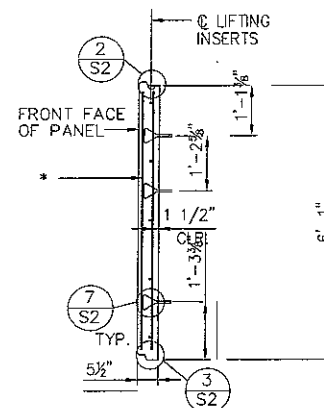
TOP PANEL ONLY | BOTTOM PANEL ONLY



SECTION B-B PANEL "G"

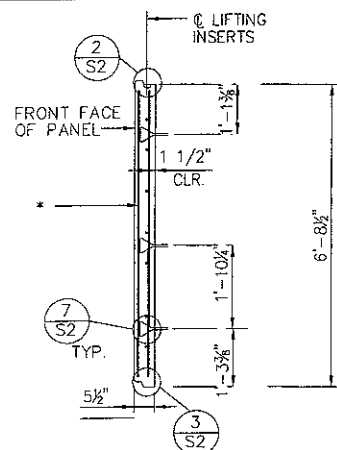


SECTION B-B PANEL "K"



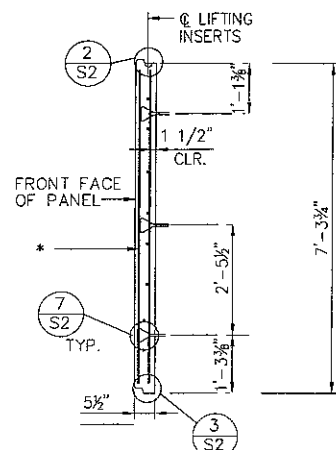
SECTION B-B PANEL "L"

* ADDITIONAL BARS 2#4 AT EACH LIFTING INSERT LOCATION FOR PANELS L,P,M,N ONLY



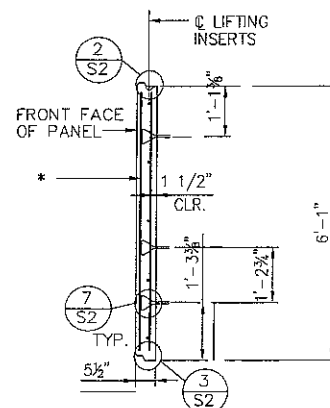
SECTION B-B PANEL "M"

* ADDITIONAL BARS 2#4 AT EACH LIFTING INSERT LOCATION FOR PANELS L,P,M,N ONLY



SECTION B-B PANEL "N"

* ADDITIONAL BARS 2#4 AT EACH LIFTING INSERT LOCATION FOR PANELS L,P,M,N ONLY



SECTION B-B PANEL "P"

* ADDITIONAL BARS 2#4 AT EACH LIFTING INSERT LOCATION FOR PANELS L,P,M,N ONLY

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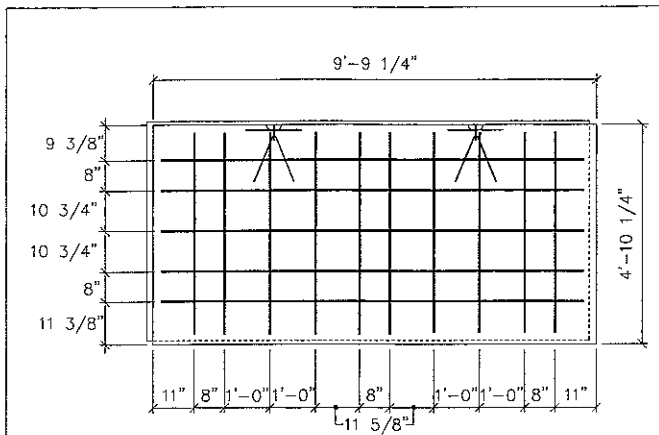
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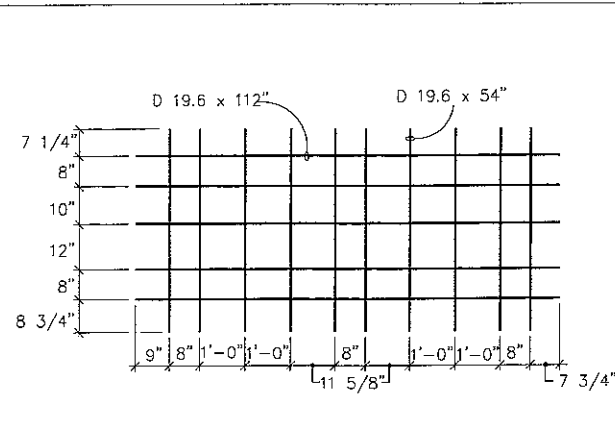


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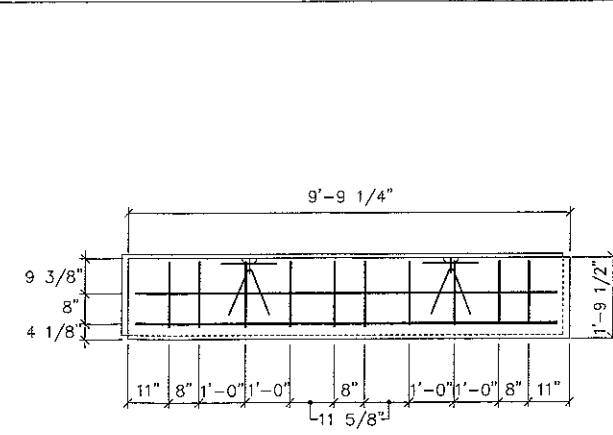
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PROJECT ENGR: JLC	LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
CHECKED BY: FSH/ML	OWNER UTAH DOT	DRAWING NO. S4 OF S12
ENG. MANAGER FSH	REVISIONS REV. DATE DESCRIPTION	SCALE AS SHOWN



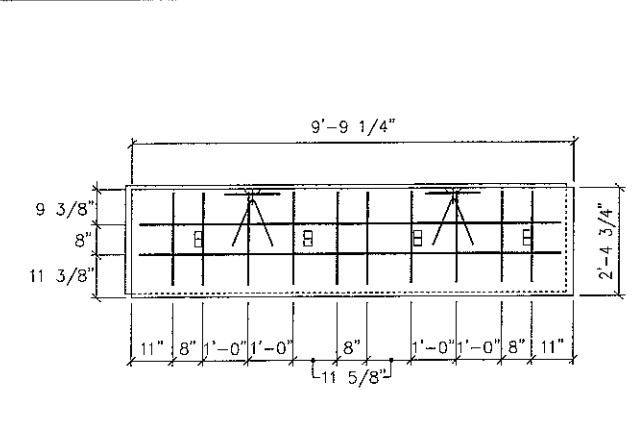
PANEL A



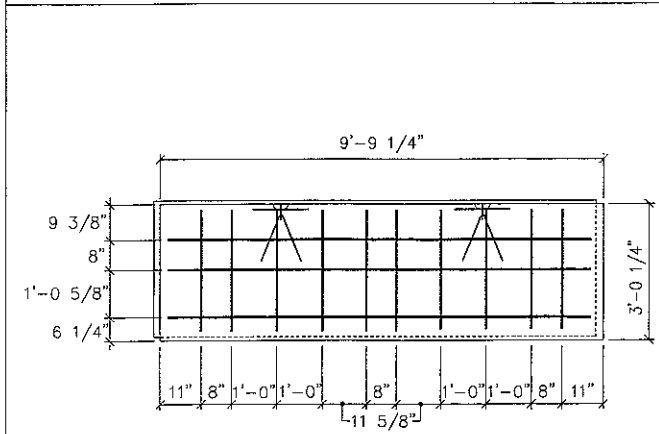
PANEL A - ALTERNATE
WELDED WIRE MESH



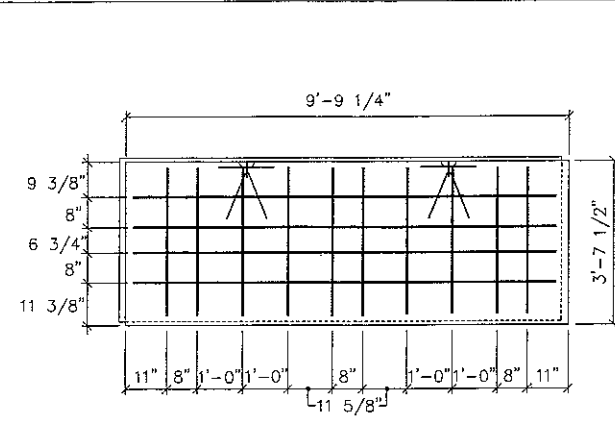
PANEL C



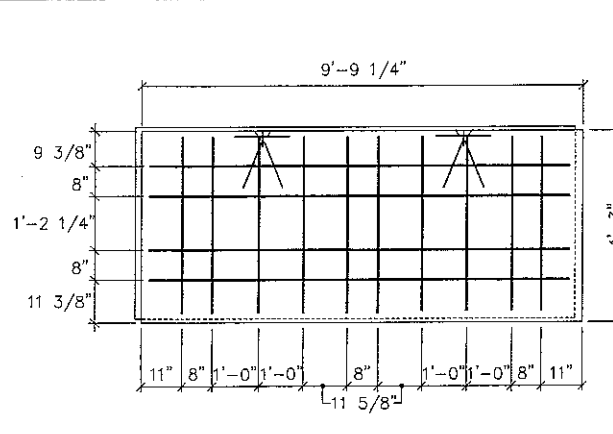
PANEL D & B
TOP PANEL ONLY BOTTOM PANEL ONLY



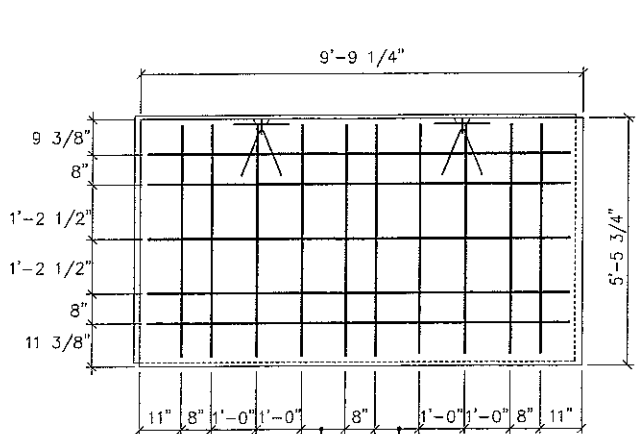
PANEL E
"TOP PANEL ONLY"



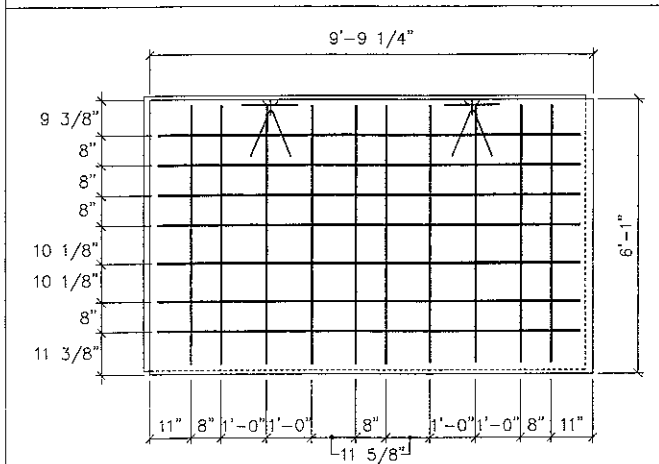
PANEL F & Q
TOP PANEL ONLY BOTTOM PANEL ONLY



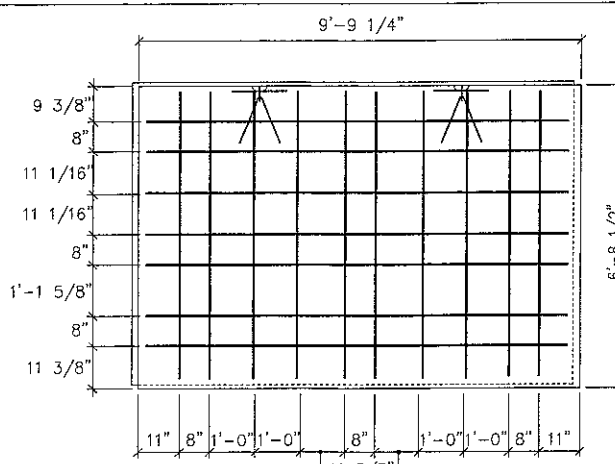
PANEL G



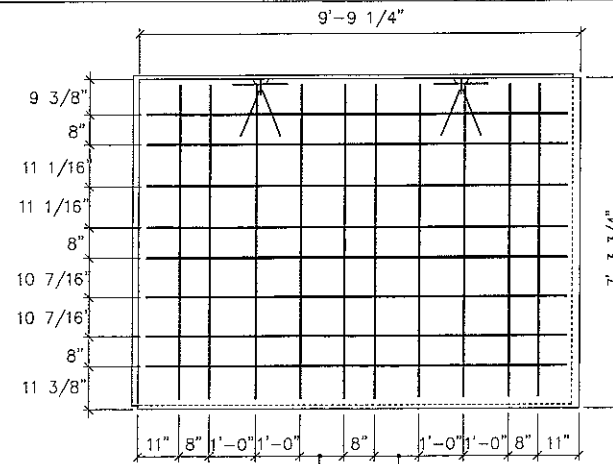
PANEL K



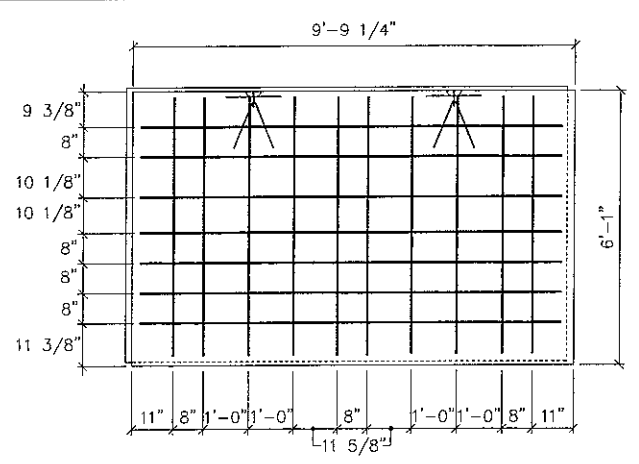
PANEL L
"TOP PANEL ONLY"



PANEL M



PANEL N



PANEL P
"BOTTOM PANEL ONLY"

NOTE : ELEVATIONS ARE BACK FACE

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DESIGNED BY:
JKI
PROJECT ENGR:
JLC
CHECKED BY:
FSH / ML
ENG. MANAGER
FSH

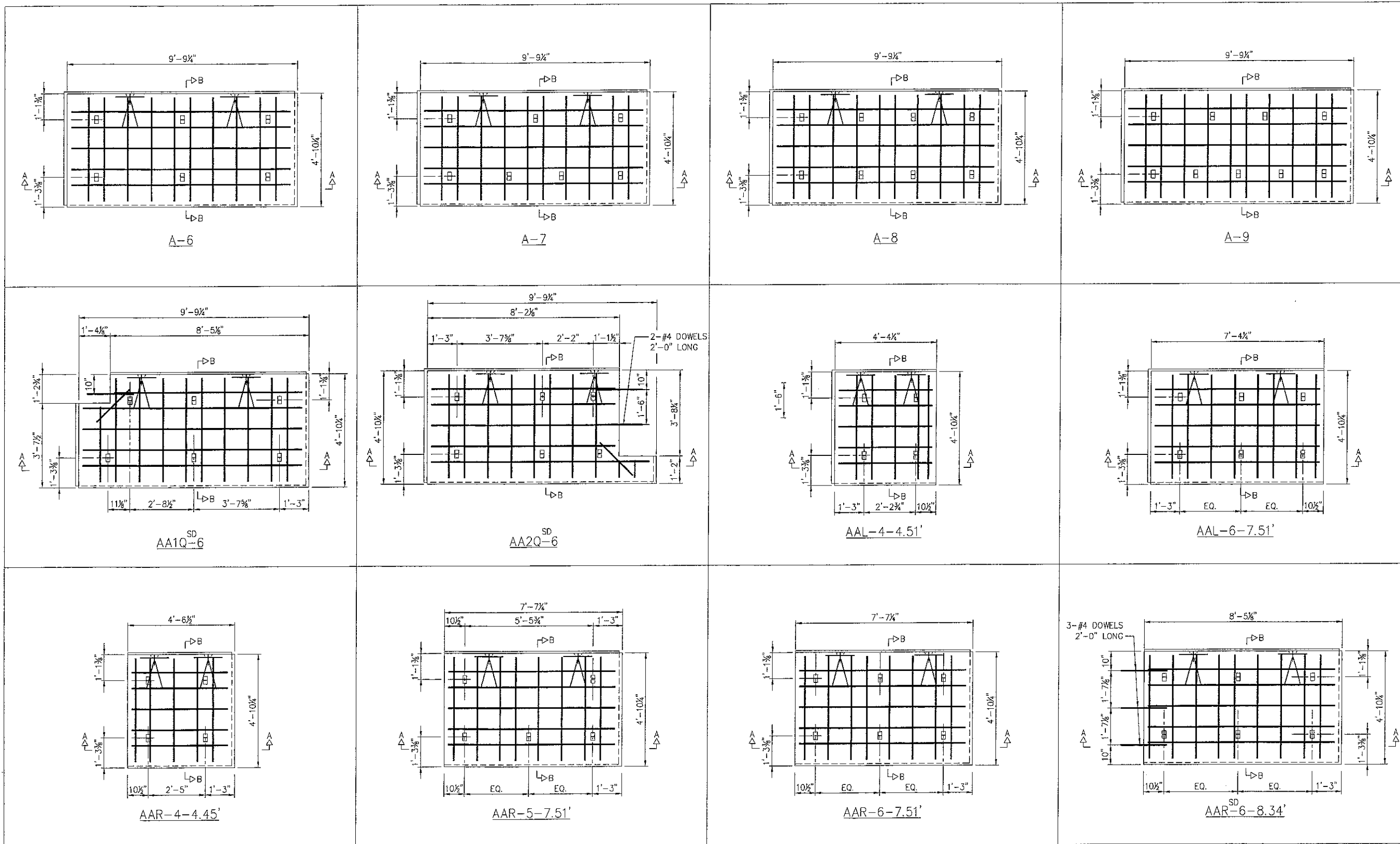
REV.	DATE	DESCRIPTION

PROJECT NAME
LOCATION
OWNER
DRAWING COVERS

REINFORCED EARTH RETAINING WALLS
LEGACY PARKWAY - SEGMENT 3
CENTERVILLE/FARMINGTON, UTAH
SALT LAKE & DAVIS COUNTIES
UTAH DOT
STANDARD PANEL REINFORCEMENT

DATE
CONTRACT NO.
DRAWING NO.
SCALE

07/10/07
RE-12527
S5 OF S12
AS SHOWN



THIS SUBMITTAL INCLUDES WALL R484-B ONLY - SINGLE STAGE WALL

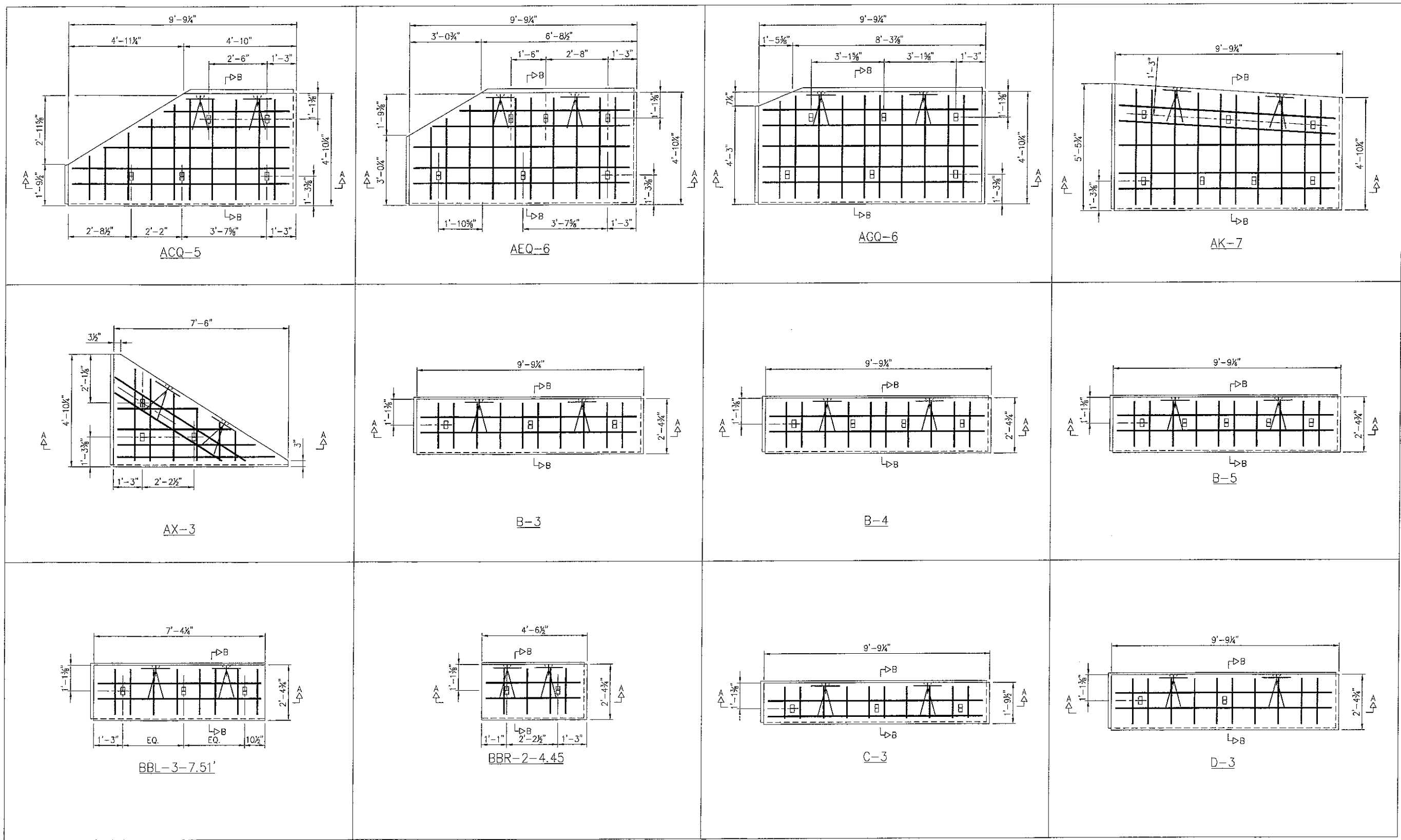
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"REINFORCED EARTH" is the registered trademark of The Reinforced Earth Company.

DESIGNED BY: JKI				PROJECT NAME REINFORCED EARTH RETAINING WALLS LEGACY PARKWAY - SEGMENT 3	DATE 07/10/07
PROJECT ENGR: JLC				LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
CHECKED BY: FSH/ML				OWNER UTAH DOT	DRAWING NO. S6 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	DRAWING COVERS	SCALE AS SHOWN



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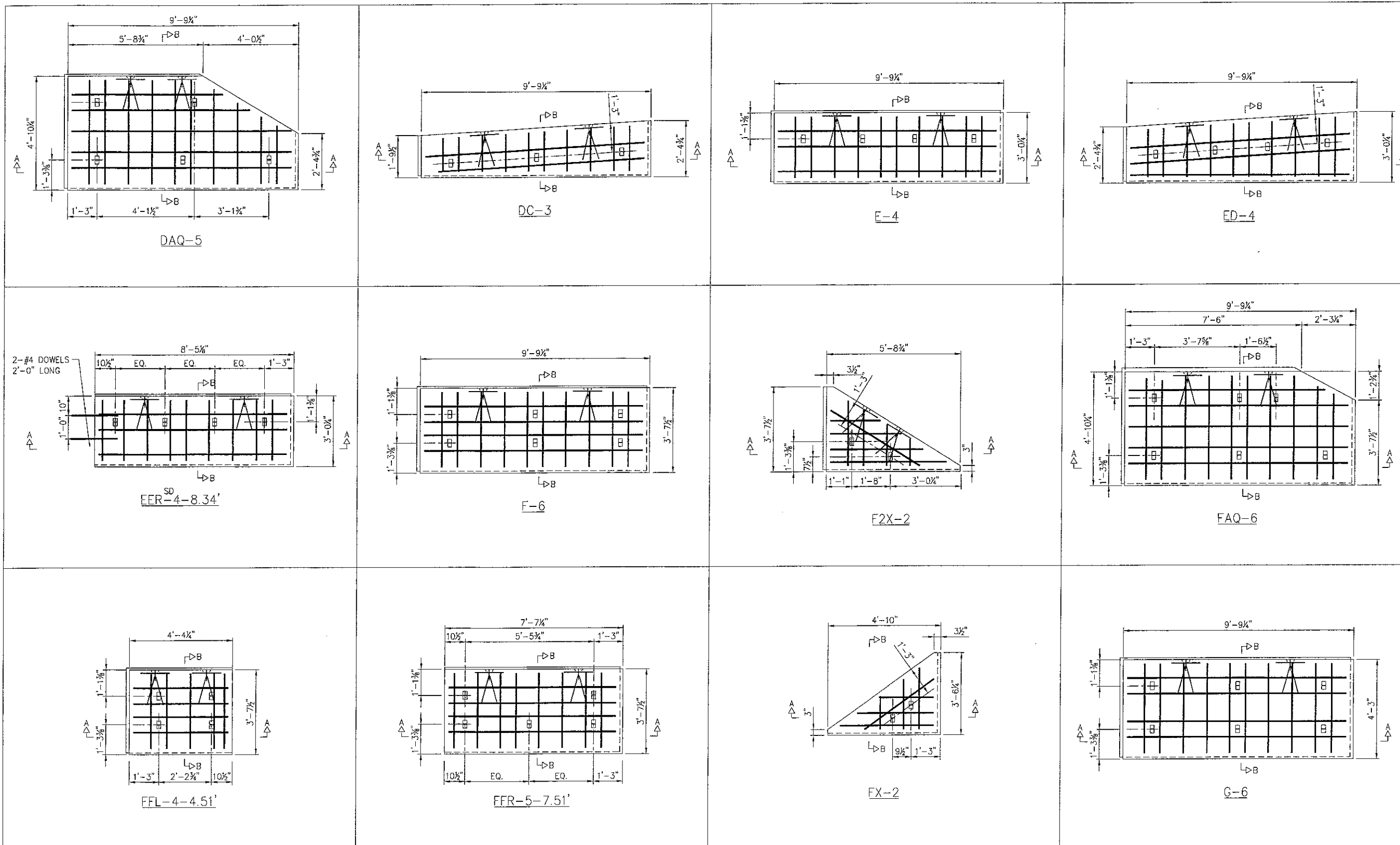
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PROJECT ENGR: JLC				LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
CHECKED BY: FSH/ML				OWNER UTAH DOT	DRAWING NO. S7 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	DRAWING COVERS	SCALE AS SHOWN



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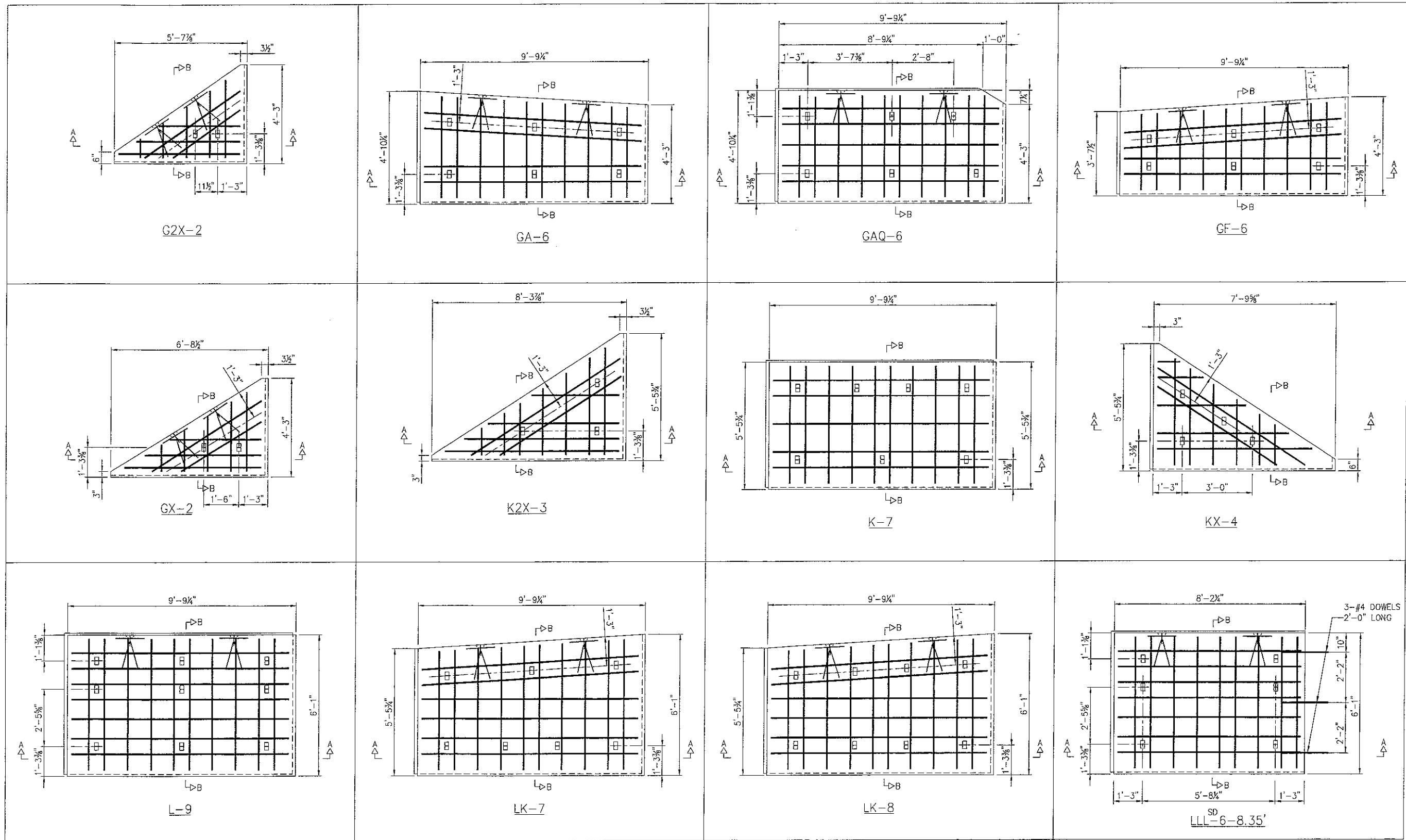
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CHECKED BY: FSH/ML				OWNER UTAH DOT	DRAWING NO. S8 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	DRAWING COVERS PRECAST PANEL SHOP DRAWINGS	SCALE AS SHOWN



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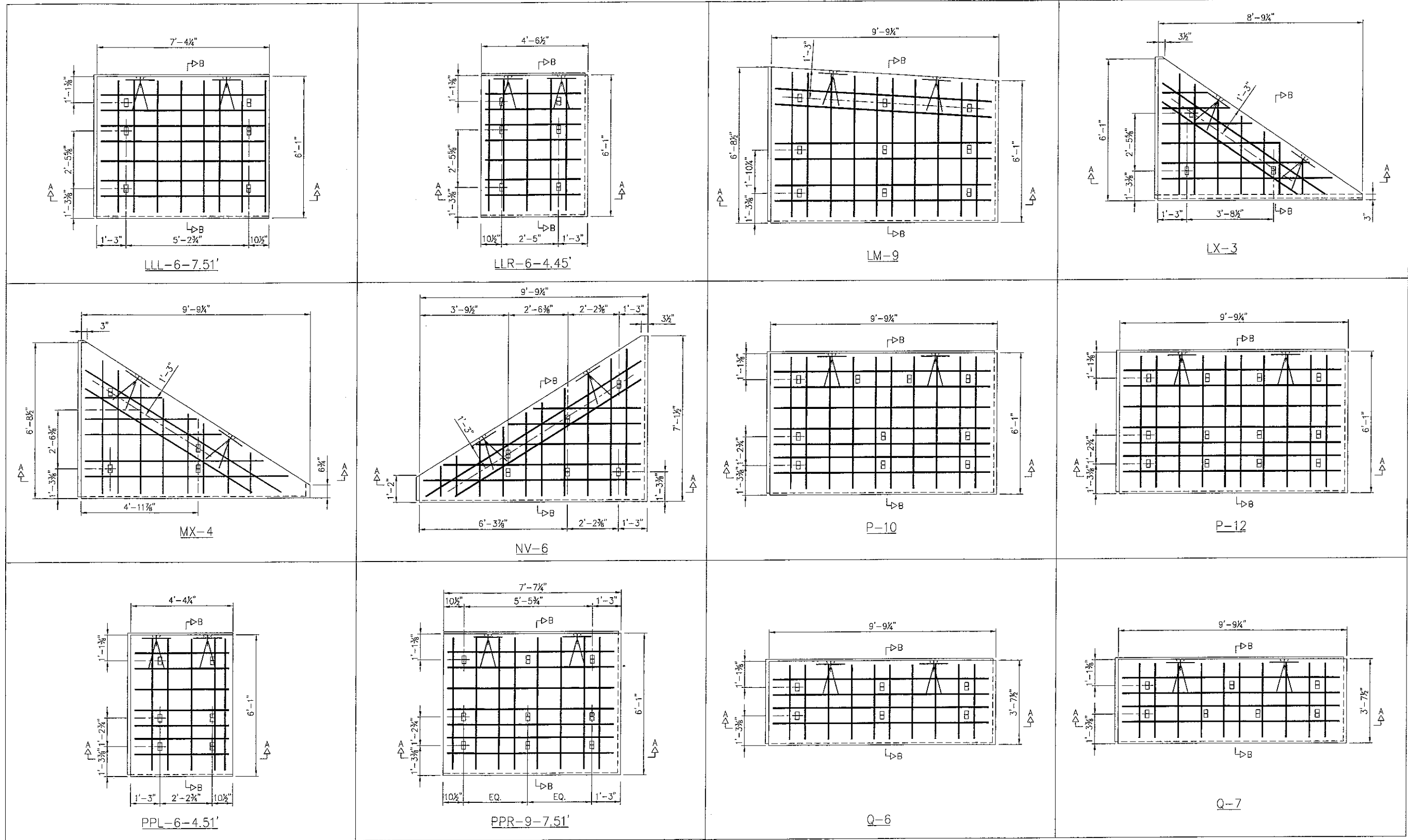
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PROJECT ENGR: JLC				LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
CHECKED BY: FSH/ML				OWNER UTAH DOT	DRAWING NO. S9 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	DRAWING COVERS PRECAST PANEL SHOP DRAWINGS	SCALE AS SHOWN



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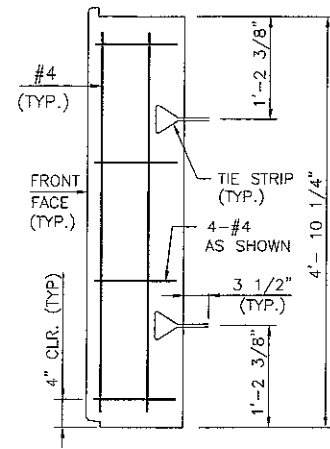
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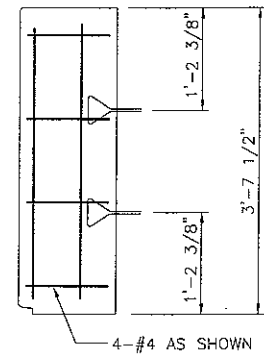


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PROJECT ENGR: JLC	LOCATION CENTERVILLE/FARMINGTON, UTAH SALT LAKE & DAVIS COUNTIES	CONTRACT NO. RE-12527
CHECKED BY: FSH/ML	OWNER UTAH DOT	DRAWING NO. S10 OF S12
ENG. MANAGER FSH	DRAWING COVERS PRECAST PANEL SHOP DRAWINGS	SCALE AS SHOWN
REV.	DATE	DESCRIPTION



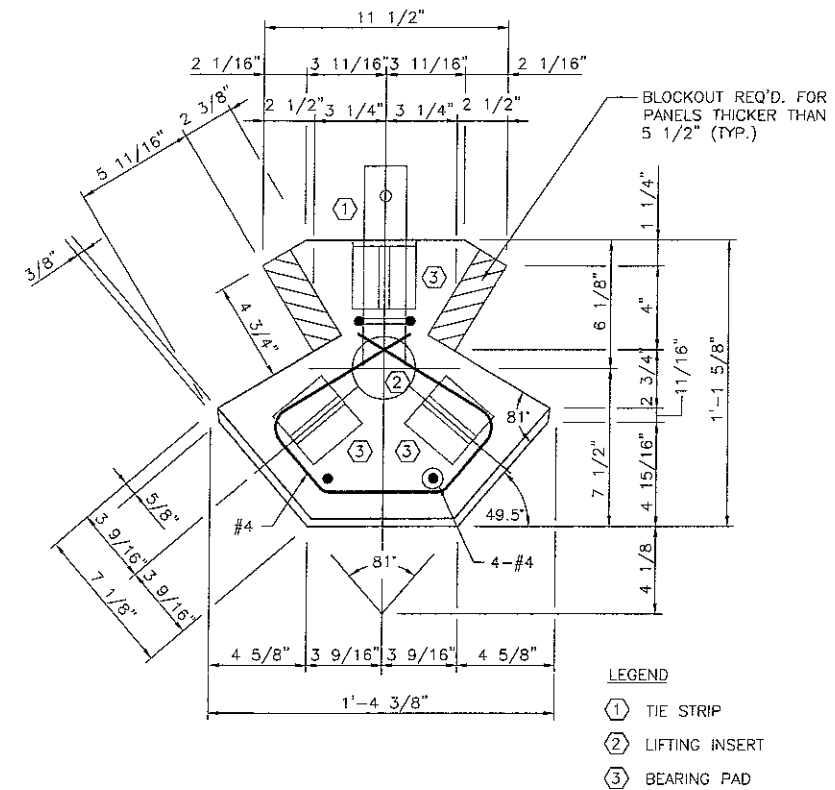
CE1A-2-R4



CE1F-2-R4

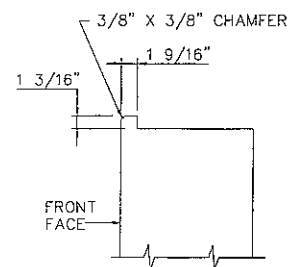
CORNER ELEMENT TYPICAL SECTIONS

SCALE: 1" = 1'-0"



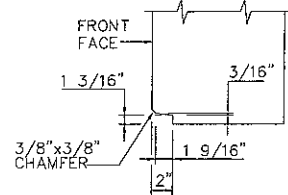
CORNER ELEMENT TYPE 1 (63°± - 90°±)

SCALE: 3" = 1'-0"



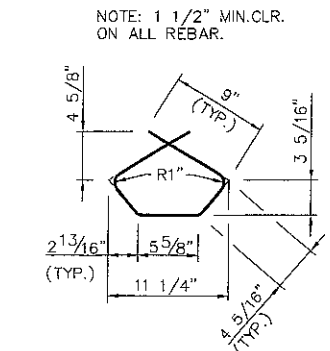
DETAIL "A"

SCALE: 1 1/2" = 1'-0"



DETAIL "B"

SCALE: 1 1/2" = 1'-0"

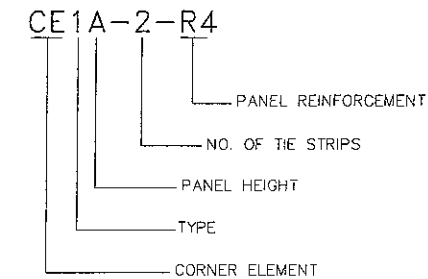


BAR DETAIL

SCALE: 1 1/2" = 1'-0"

(DIMENSIONS SHOWN ARE OUT TO OUT)

KEY TO PIECE MARK



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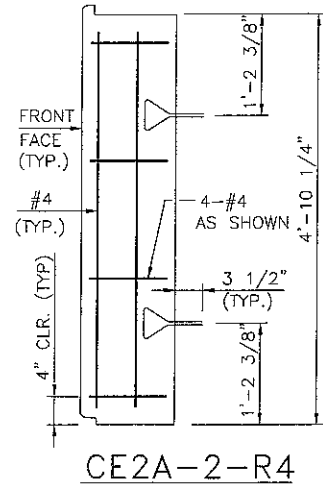
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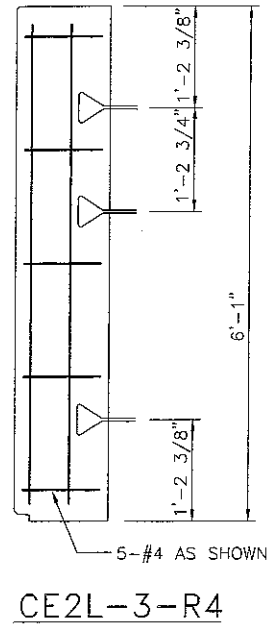


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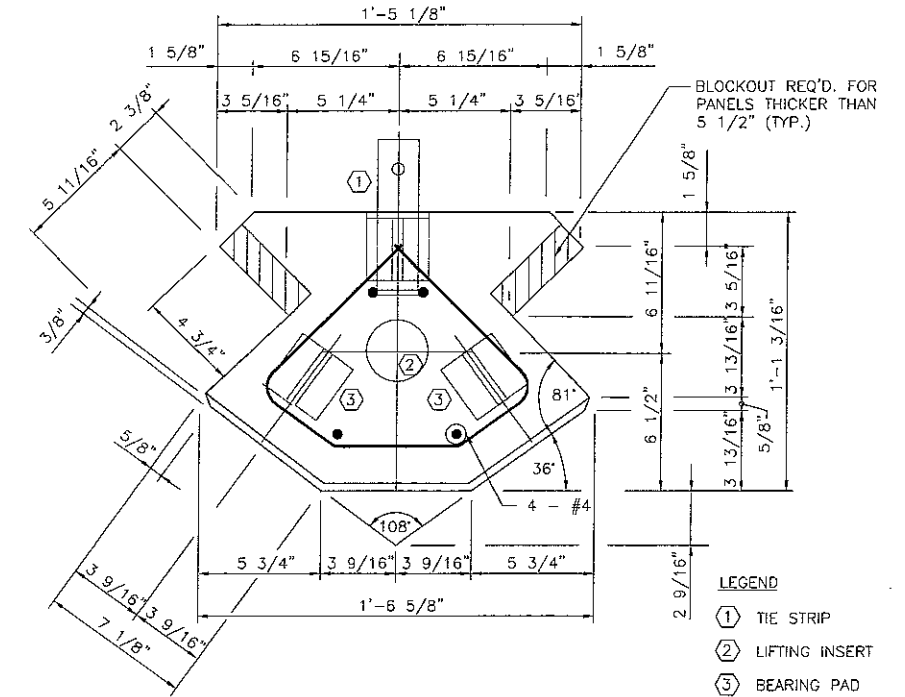
DESIGNED BY: JKI		PROJECT NAME	REINFORCED EARTH RETAINING WALLS LEGACY PARKWAY - SEGMENT 3	DATE 07/10/07
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CHECKED BY: FSH/ML		OWNER	UTAH DOT	DRAWING NO. S11 OF S12
ENG. MANAGER FSH	REV.	DATE	DESCRIPTION	SCALE AS SHOWN



CE2A-2-R4

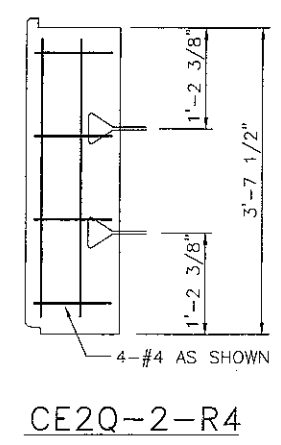


CE2L-3-R4

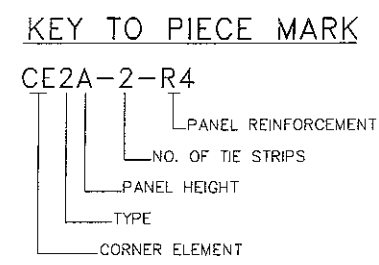
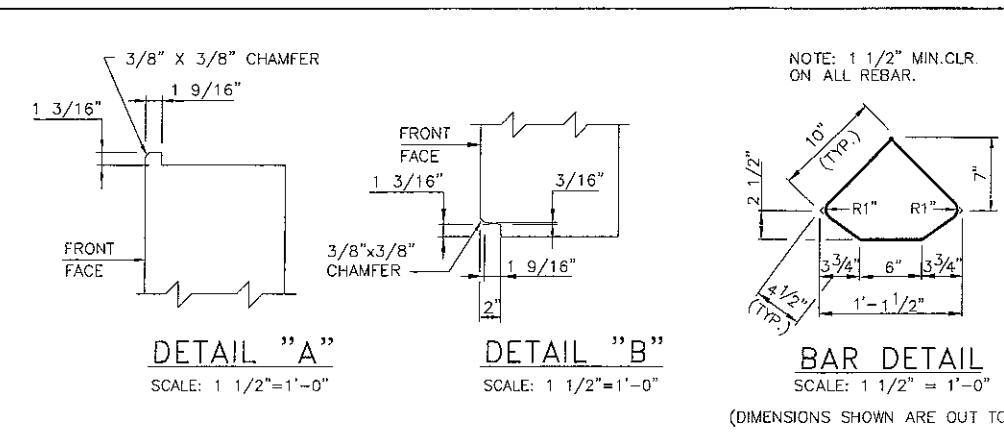


CORNER ELEMENT TYPE 2 90°± - 118°±
SCALE: 3" = 1'-0"

CORNER ELEMENT TYPICAL SECTIONS
SCALE: 1"=1'-0"



CE2Q-2-R4



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The Reinforced Earth Company
1610 16th Circle N. - Suite 304, San Diego, California 92109 (619) 588-2400

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CHECKED BY: FSH/ML			OWNER	UTAH DOT	DRAWING NO.	S12 OF S12
ENG. MANAGER FSH	REV.	DATE	DRAWING COVERS	CE2 CORNER ELEMENT DETAILS	SCALE	AS SHOWN
			DESCRIPTION			