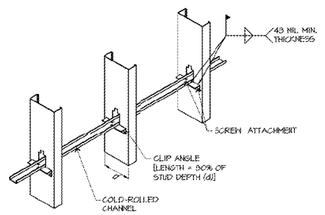
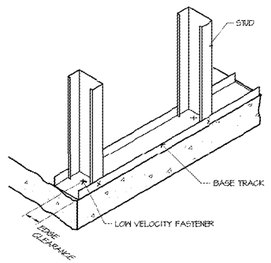
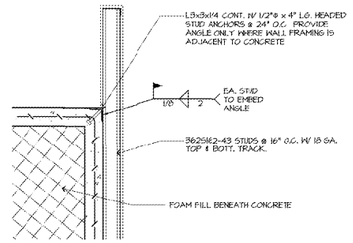


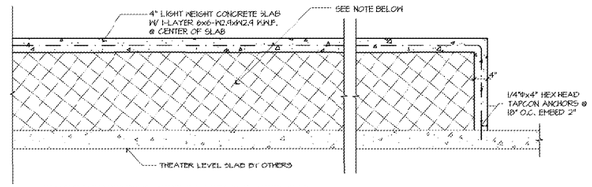
10 CHANNEL BRIDGING
SCALE: 1" = 1'-0"



8 BASE TRACK ATTACHMENT
SCALE: 1" = 1'-0"



4 SECTION
SCALE: 1" = 1'-0"



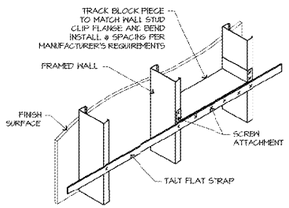
PROVIDE EXPANDED POLYSTYRENE FILL BENEATH 4" TOPPING SLAB.

EPS FOAM FILL FOR BUILT-UP FLOOR SYSTEMS SHALL BE SUPPLIED IN 4'X8' SHEETS AND SHALL CONFORM TO ASTM C578 TYPE I AND SHALL BE APPROVED BY ENGINEER OF RECORD. EPS SHALL HAVE A MAXIMUM FLAME SPREAD AND SMOKE DEVELOPED INDEXES OF 75 AND 450, RESPECTIVELY WHERE TESTED WITH A MAXIMUM THICKNESS OF 4" PER ASTM E84. MATERIALS IN EXCESS OF 4" MUST ALSO COMPLY WITH PH 46600.

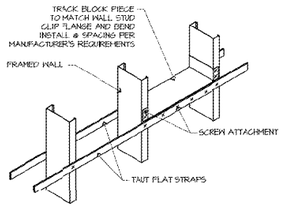
PLACE EPS IN SINGLE LAYER OF THE REQUIRED THICKNESS, OR MULTIPLE LAYERS WITH JOINTS OVERLAPPED 24" MINIMUM.

USE "INSTA-STIK" ADHESIVE BY DOW CHEMICAL, OR APPROVED EQUAL TO ADHERE EPS TO SUBSTRATE AND TO EACH SUBSEQUENT LAYER OF EPS

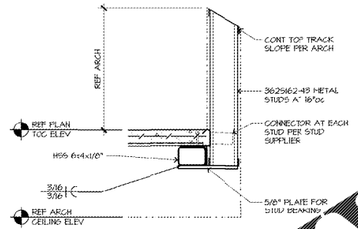
1 TYPICAL FOAM UNDERLAYMENT PLATFORM SECTION
SCALE: 1" = 1'-0"



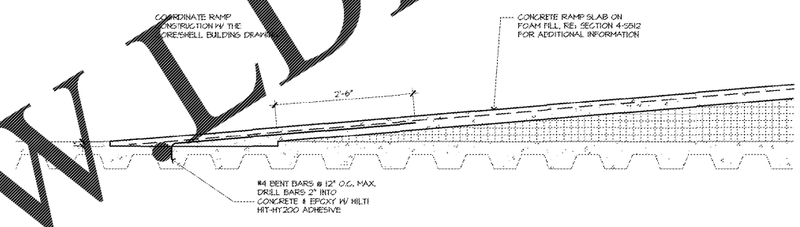
11 SINGLE STRAP BRIDGING
SCALE: 1" = 1'-0"



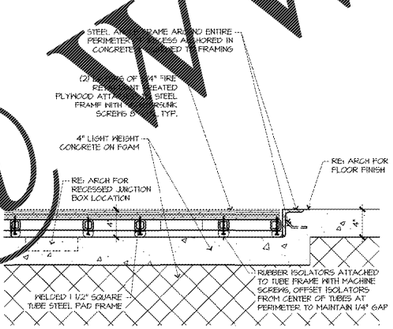
9 DOUBLE STRAP BRIDGING
SCALE: 1" = 1'-0"



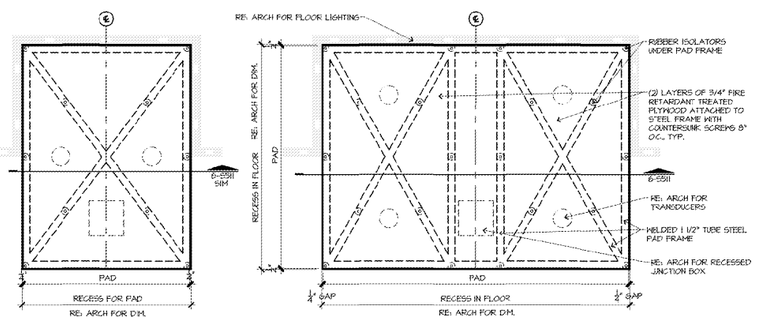
5 MODESTY WALL @ CANTILEVER
SCALE: 1" = 1'-0"



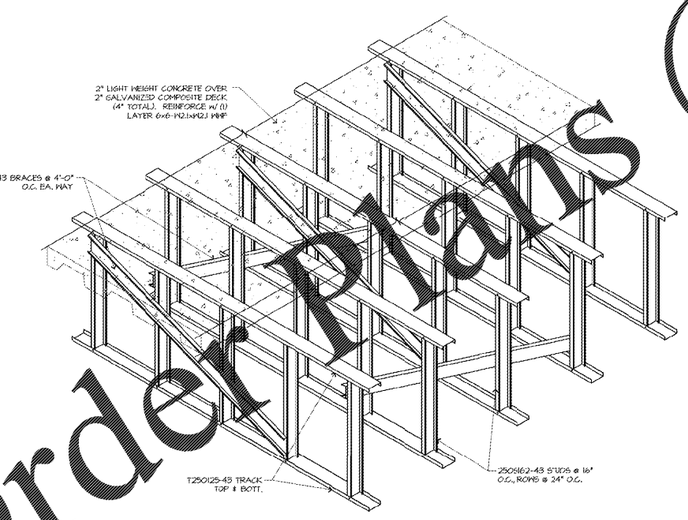
2 TYP. CONCRETE RAMP SECTION
SCALE: 1" = 1'-0"



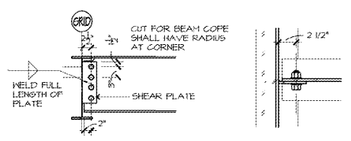
6 SECTION @ TRANSDUCER PIT
SCALE: 1 1/2" = 1'-0"



3 TRANSDUCER PAD
SCALE: 1" = 1'-0"

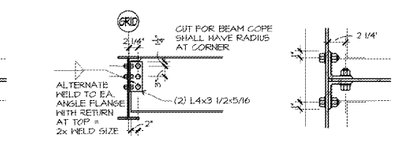


12 TYPICAL FLOOR FRAMING
SCALE: 1" = 1'-0"



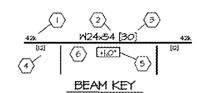
DESIGNATION	MINIMUM BEAM DEPTH	NO. BOLTS	PLATE SIZE	WELD	CAPACITY
B2	8" & 10"	2	4"x1/4"x6"	3/16"	15.5k
B3	12"	3	4"x1/4"x8"	3/16"	23.2k
B4	14" & 16"	4	4"x5/16"x12"	1/4"	31.1k
B5	18"	5	4"x3/8"x15"	1/4"	54.1k
B6	21"	6	4"x5/16"x16"	1/4"	58.3k
B7	24"	7	4"x5/16"x21"	1/4"	72.1k

NOTES:
1. All bolts 3/4"Φ A325 tighten snug tight.
2. Shear loads are designated on plans. Connection of either type may be used with the number of bolts selected to be adequate for the loads as listed. All connections shall be chosen to carry not less than 5/8 of the total uniform load capacity of the given beam span.



DESIGNATION	NO. BOLTS	ALTERNATE WELD	ANGLES	MINIMUM BEAM DEPTH	CAPACITY
A2	2	1/4"	(2) L4x3 1/2x5/16 x0'-5 1/2"	8"	13.7k
				10"	15.7k
A3	3	1/4"	(2) L4x3 1/2x5/16 x0'-8 1/2"	12"	18.2k
				12"	20.7k
A4	4	1/4"	(2) L4x3 1/2x5/16 x0'-11 1/2"	14"	23.7k
				16"	26.7k
A5	5	1/4"	(2) L4x3 1/2x5/16 x0'-14 1/2"	16"	30k
				18"	46.7k
				21"	53.2k
				21"	73.6k
				24"	73.8k
				27"	76.4k

3. If the load designated on the plan is greater than 5ek or the beam is too shallow to allow an adequate depth shear plate then a double angle connection shall be used.



BEAM KEY

1. Reaction shown at each end of beam to be used to size beam connection. Reference connection tables adjacent.
2. Steel beam size.
3. Total number of 3/4"Φx4 1/2" headed studs welded to beam. For beams with deck flutes perpendicular and no uneven stud spacing shown, space studs at 24"o.c. along entire length of beam. Place balance of studs, starting from each end of beam, so that the studs are spaced at 12"o.c. until all of the required number of studs have been placed. If any studs remain double studs starting from each end of beam at 12"o.c. For beams with deck flutes parallel and no uneven spacing shown, place the studs uniformly along the length of the beam.
4. Designates number of studs between beam loads when studs are not to be spaced uniformly. Not shown when studs are to be spaced uniformly.
5. Dimension in box is required camber of steel beam, if any.
6. All steel beams are A992 Grade 50.

7 GENERAL FRAMING INFORMATION
SCALE: 1" = 1'-0"

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SHEET LEGEND

0000s	GENERAL INFORMATION & SCOPE OF WORK
1000s	PARKING / MAP PLANS & DETAILS
A 1XXX	FLOOR PLANS & CEILING PLANS
A 2XXX	EXTERIOR ELEVATIONS / SECTIONS
A 3XXX	ENLARGED PLANS
A 4XXX	CASEWORK PLANS
A 5XXX	EXTERIOR & INTERIOR DETAILS
A 6XXX	ROOF SCHEDULE, DOOR DETAILS, FINISH SCHEDULE, FIXTURE PLANS
A 7XXX	AUDITORIUM FLOOR LINE SECTIONS
S 1XXX	STRUCTURAL
M 1XXX	MECHANICAL
P 1XXX	PLUMBING
E 1XXX	ELECTRICAL
FP 1XXX	FIRE PROTECTION DETAILS
FS 1XXX	OPERATIONAL EQUIPMENT

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ATLANTA, GA 30316

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One AMC Way
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Leawood, KS 66211

No.	Date	Description

Project Issue Date: 05/22/2018

KEY PLAN:

SHEET TITLE:
DETAILS

SHEET NUMBER:
S511