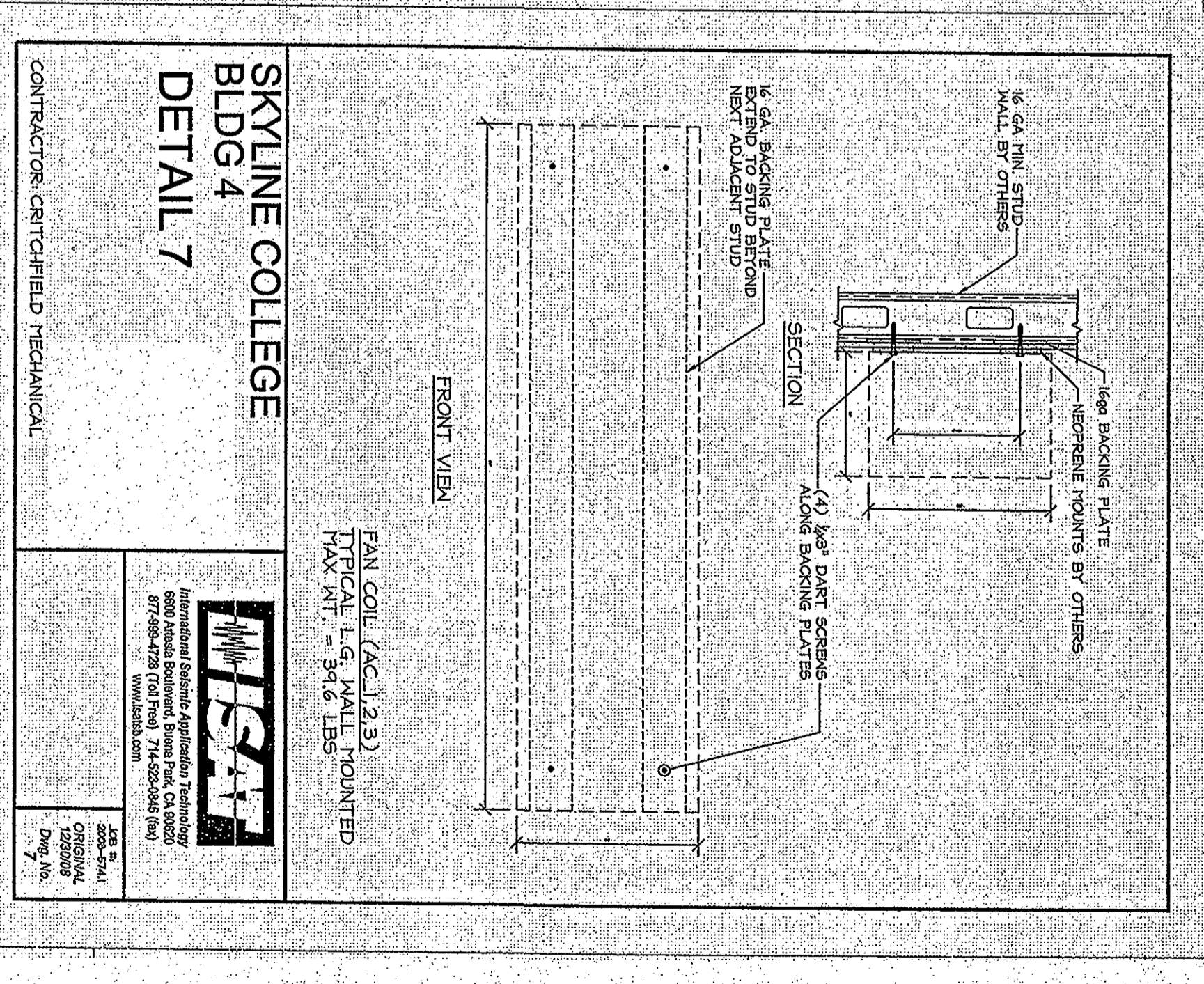


These drawings and specifications have been prepared by the design engineer and are to be used in accordance with the provisions of the contract documents. The design engineer is not responsible for construction methods or for the safety of the work.

NO.	REVISIONS	DATE
1	ISSUE FOR PERMIT	06/28/11
2	ISSUE FOR CONSTRUCTION	07/28/11
3	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
4	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
5	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
6	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
7	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
8	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
9	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
10	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
11	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
12	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
13	ISSUE FOR DESIGN DEVELOPMENT	07/28/11
14	ISSUE FOR DESIGN DEVELOPMENT	07/28/11

SHEET NOTES



**SKYLINE COLLEGE
BLDG 4
DETAIL 7**

CONTRACTOR: CRITCHFIELD MECHANICAL

FAN COIL (AC1.2.3)
TYPICAL
MAX WT = 342 LBS

MS&T MEMBER OF THE
MEMBER OF THE
MEMBER OF THE

**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-7
DATE: 07/28/2011

ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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MEMBER OF THE
MEMBER OF THE

**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-6
DATE: 07/28/2011

ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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MEMBER OF THE
MEMBER OF THE

**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-10
DATE: 07/28/2011

ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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MEMBER OF THE
MEMBER OF THE

**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-8
DATE: 07/28/2011

ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-9
DATE: 07/28/2011

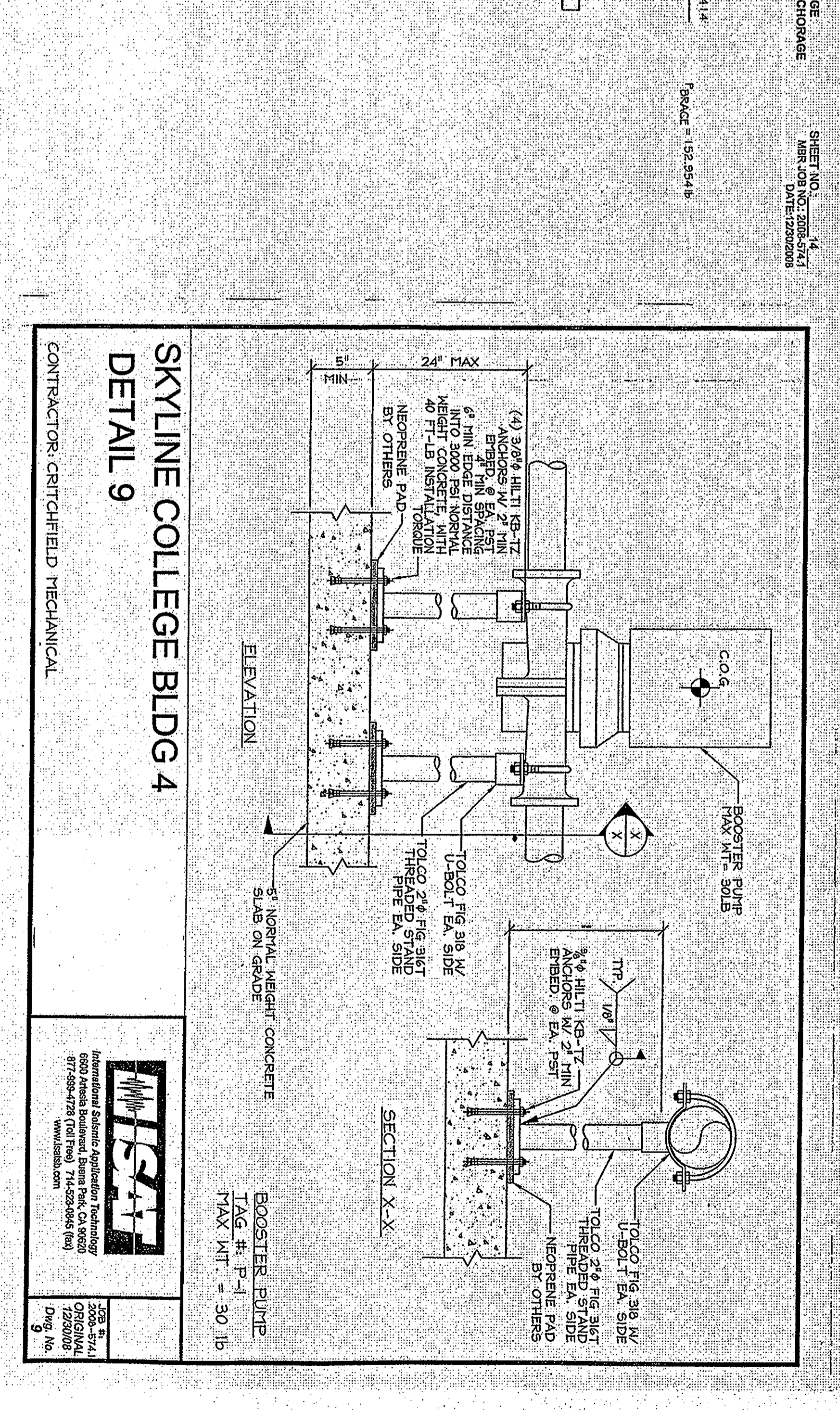
ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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 CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:



**SKYLINE COLLEGE
BLDG 4
DETAIL 9**

CONTRACTOR: CRITCHFIELD MECHANICAL

FAN COIL (AC1.2.3)
TYPICAL
MAX WT = 342 LBS

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MEMBER OF THE
MEMBER OF THE

**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-5
DATE: 07/28/2011

ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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MEMBER OF THE

**SKYLINE COLLEGE
BLDG 4 EQUIPMENT ANCHORAGE**

SHEET NO. 2812-4
DATE: 07/28/2011

ALUMINUM STUDS: MAXIMUM WEIGHT = 300 LBS (ceiling mounted)
 EQUIPMENT WEIGHT: $W_e = 300 \text{ lb}$
 ANCHOR LENGTH: $L = 17 \text{ in}$
 ANCHOR DIAMETER: $D = 1/2 \text{ in}$
 ANCHOR SPACING: $S = 16 \text{ in}$
 ANCHOR TYPE: AT TYPICAL LEVEL

VERTICAL SPACING FACTOR: $F_{vs} = 1.0$
 NUMBER OF ANCHORS: $N = 4$

ANCHORAGE DESIGN:
 NUMBER OF ANCHORS: $N = 4$
 ANCHOR TYPE: AT TYPICAL LEVEL

CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:
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 CONCRETE DESIGN STRENGTH OF ANCHOR IN TENSION:

DIVISION OF
THE STATE ARCHITECT
APP# 01-110117
DATE: 07/28/11

SKYLINE COLLEGE
SAN MATEO COUNTY
CIP2 DESIGN-BUILD
PROJECT
BUILDING 4
INCREMENT 3

DATE: 07/28/11
SCALE: AS SHOWN
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SHEET NO: 2812

ANCHORAGE
DETAILS AND
CALCULATIONS
M-511