

THERMAL ENVELOPE NOTES

THE BUILDING ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED WITH A BARRIER MATERIAL, SUITABLE FILM, OR SOLID MATERIAL:

1. ALL JOINTS, SEAMS, AND PENETRATIONS
2. SITE-BUILT WINDOWS, DOORS, & SKYLIGHTS
3. OPENINGS BETWEEN WINDOW & DOOR ASSEMBLIES
4. UTILITY PENETRATIONS
5. DROPPED CEILINGS & CHASES ADJACENT TO THE THERMAL ENVELOPE
6. KNEE WALLS
7. WALLS & CEILING SEPARATING A GARAGE FROM CONDITIONED SPACES
8. BEHIND TUBS & SHOWERS OF EXTERIOR WALLS
9. BEHIND FIREPLACE INSERTS
10. ANY OTHER SOURCE OF INFILTRATION

WINDOWS, SKYLIGHTS, & SLIDING DOORS SHALL HAVE AN AIR INFILTRATION RATE OF NO MORE THAN 0.3 cfm PER SQUARE FOOT. SWINGING DOORS SHALL HAVE AN AIR INFILTRATION RATE OF NO MORE THAN 0.5 cfm PER SQUARE FOOT.

RECESSED LUMINARIES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED & UNCONDITIONED SPACES BY BEING:

- a. RATED & LABELED WITH ENCLOSURES THAT ARE SEALED OR GASKETED TO PREVENT AIR LEAKAGE TO THE CEILING CAVITY OR UNCONDITIONED SPACE

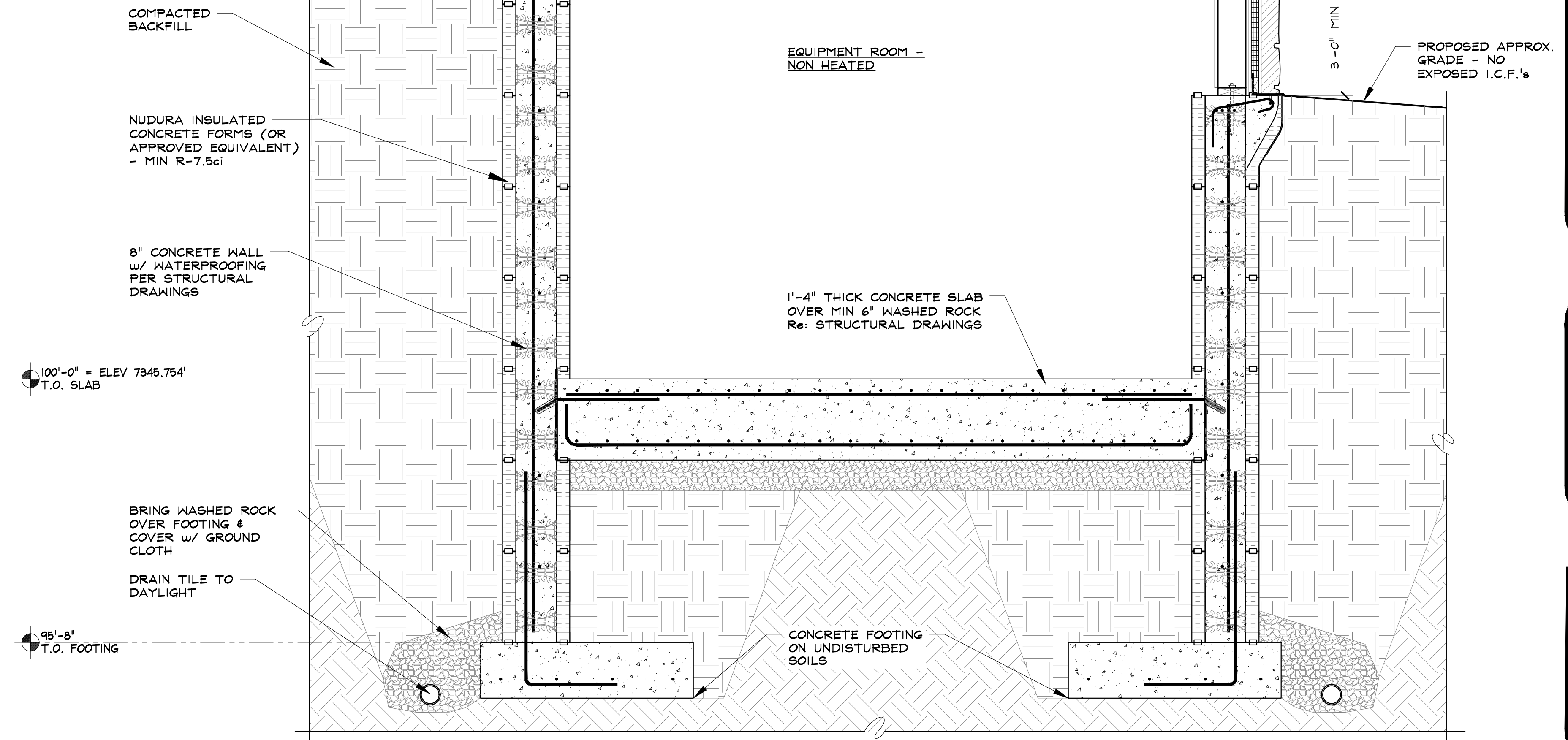
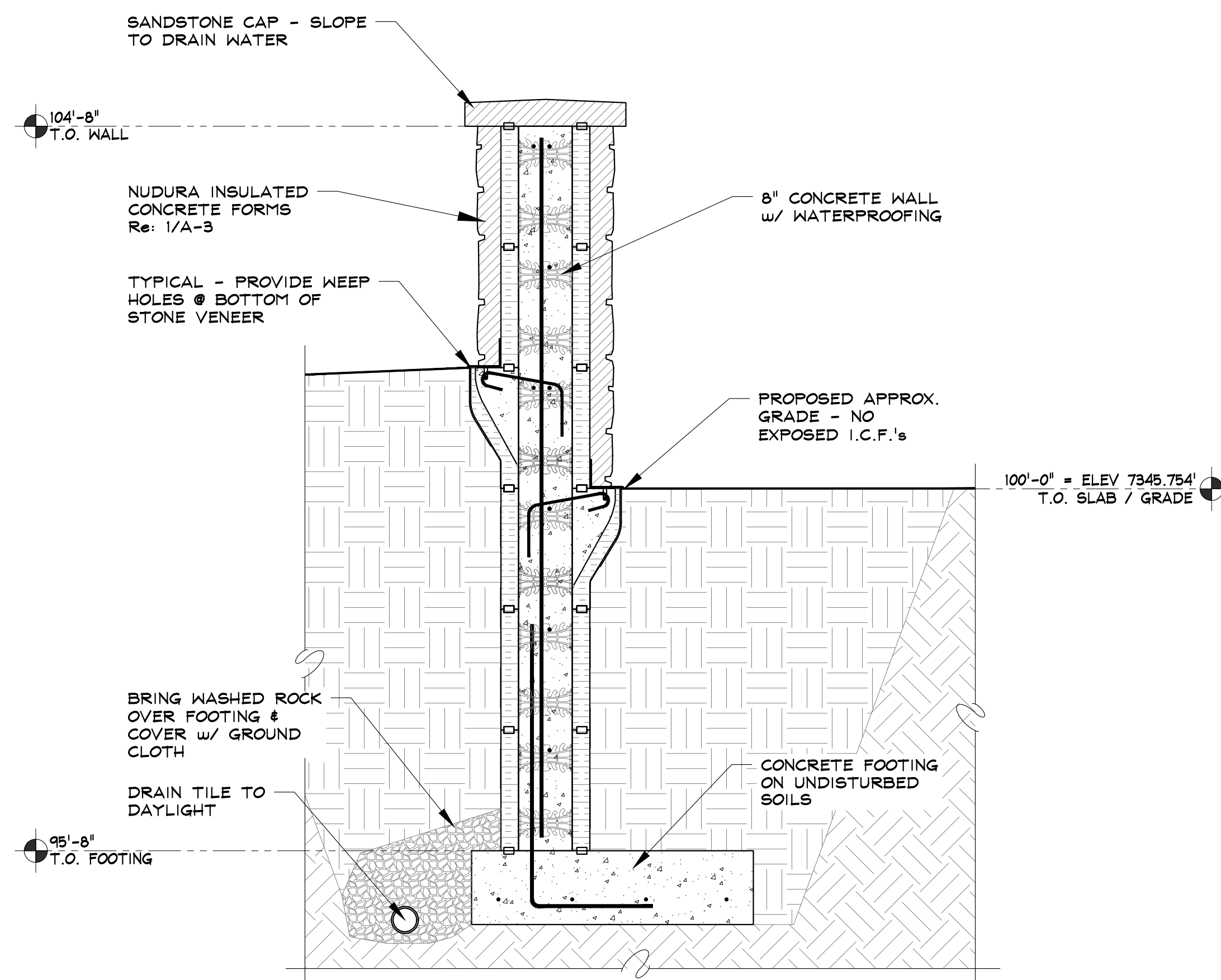
ABOVE GRADE FRAME WALLS, FLOORS, & CEILINGS NOT VENTILATED TO ALLOW MOISTURE TO ESCAPE SHALL BE PROTECTED WITH LATEX PAINT OR 6 MIL. POLY OVERLAPPED & TAPERED AT ALL JOINTS. THE VAPOR RETARDER SHALL BE INSTALLED ON THE WARM-IN-WINTER SIDE OF THE THERMAL ENVELOPE.

NOTE:

ALL EXTERIOR WALLS SHALL BE 1hr. FIRE RATED PER GA FILE NO. WP8126
Re: SHEET A-1

ROOF/CEILING SHALL BE 1 hr. FIRE RATED PER GA FILE NO. RC2602
Re: SHEET A-1

FLOOR/CEILING SHALL BE 1hr. FIRE RATED PER GA FILE NO. FC5529
Re: SHEET A-1
(LVL JOISTS CAN BE SUBSTITUTED FOR DIMENSIONAL LUMBER PER TJI BULLETIN #1500, FIRE RATED ASSEMBLIES, PAGE 14)



2 RETAINING WALL SECTION

1 BUILDING SECTION

SCALE: 3/4" = 1'-0"

SCALE: 3/4" = 1'-0"

RCRB

RECORD SET

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ALPINE COASTER UPPER BUILDING

2305 MT. WERNER CIRCLE
STEAMBOAT SPRINGS, COLORADO

A NEW BUILDING FOR:

SSRC - STEAMBOAT SKI & RESORT CORP.

ISSUE DATES	
PROGRESS	07.06.16
PERMIT	08.03.16
	08.11.16
	09.12.16

DRAWN BY:
SJM/JEM
PROJECT # 16020

BUILDING SECTION

A-3

SHEET 4 of 6