

PROJECT TEAM

OWNER
 SIKKENT POWDER MOUNTAIN
 ATTN: JEFF WERSELOW
 3623 N. WOLF CREEK DR.
 EDEN, UT 84310

ARCHITECT
 R & A
 4209 SEPULVEDA BOULEVARD, SUITE 100
 OLIVER CITY, CA 90281
 PHONE: 310-730-6658
 EENANDERSO@R&A-A-D.COM

GENERAL CONTRACTOR
 R & C CONSTRUCTION COMPANY
 ATTN: SLADE OPHEKENS
 933 WALL AVENUE, OGDEN, UTAH 84404
 PHONE: 801-627-1403
 SLADEO@RANODOO.COM

CIVIL
 TALISMAN CIVIL CONSULTANTS, LLC
 ATTN: JAMES BACHMANN, LEED-AP
 DESIGN SUPERVISOR
 5217 SOUTH STATE ST., SUITE 200
 MURRAY, UT 84107 | P: (801) 743-1332 | C: (801)
 362-4218 |

MECHANICAL AND PLUMBING
 CCI MECHANICAL, INC.
 ENGINEERING, CONSTRUCTION & SERVICE
 ATTN: BRAD SHAKESPEARE, PE
 2345 CCI WAY (2070 WEST)
 SALT LAKE CITY, UTAH 84119
 BSHAKESPEARE@CCIMECHANICAL.COM
 DIRECT: (801) 973-1211
 MOBILE: (801) 419-6031

ELECTRICAL
 RC HUNT ELECTRIC
 ATTN: TIM BARD TEMPLER
 TRANSBARD@RCHELECTRIC.COM | C 801 388 8759
 ERIC.FOOG - ENGINEER HYPERLINK
 EFOOG@RCHELECTRIC.COM
 OFFICE 801-975-8844
 1981 W ALEXANDER STREET, SALT LAKE
 CITY, UT 84119

STRUCTURAL ENGINEER
 REVELEY ENGINEERS + ASSOC.
 ATTN: CRAIG WILKINSON
 875 SWS AVE., SALT LAKE CITY, UT 84102
 PHONE: 801-486-3883
 OWILKINSON@REVELEY.COM

WET & DRY HVAC SYSTEM
 CCI MECHANICAL, INC.
 ATTN: PATRICK LYNCH
 2345 SOUTH CCI WAY, SALT LAKE CITY, UT
 84119
 PHONE: 801-973-1242
 PLYNCH@CCIMECHANICAL.COM

KITCHEN DESIGN
 COMMERCIAL KITCHEN SUPPLY
 ATTN: JAMIE LARSEN
 1377 W 75 N, CENTERVILLE, UT 84014
 PHONE: 801-382-1611
 JAMIE@COMMERCIALKITCHENSUPPLY.COM



SPM - PARCEL 2C BLDG

5752 N. COPPER CREST
 EDEN, UT 84310

ISSUED FOR FOUNDATION PERMIT- JUNE 27, 2017

REVIEW FOR REFERENCE TO FOUNDATION PERMIT ONLY



NOT FOR CONSTRUCTION UNLESS
 SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

SHEET TITLE
 COVER SHEET

NO.	DESCRIPTION	DATE
1	ISSUED FOR FOUNDATION PERMIT	06/27/17

236
 DATE 06/27/17
 SCALE
 SHEET NO.

A00.00

SHEET INDEX - ELECTRICAL		
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
E81	ELECTRICAL PLAN	06/27/17
E82	ELECTRICAL PLAN	06/27/17

SHEET INDEX - CIVIL		
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
C001	GENERAL NOTES	06/27/17
C101	HORIZONTAL CONTROL	06/27/17
C201	SITE AND UTILITY PLAN	06/27/17
C301	GRADING PLAN	06/27/17
C401	EROSION CONTROL PLAN	06/27/17
C402	EROSION CONTROL DETAILS	06/27/17
C501	DETAILS	06/27/17
C502	DETAILS	06/27/17
C503	DETAILS	06/27/17
C504	DETAILS	06/27/17

SHEET INDEX - ARCHITECTURAL		
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
A00 00	COVER SHEET	06/27/17
A00 02	GRAPHIC SYMBOLS AND ABBREVIATIONS	06/27/17
A01 01	AREA CALC & CODE ANALYSIS	06/27/17
A01 02	CODE ANALYSIS PLANS	06/27/17
A01 03	GROSS AREA PLANS	06/27/17
A01 04	AREA PLANS	06/27/17
A01 05	GENERAL NOTES	06/27/17
A01 06	WATERPROOFING NOTES - PROJECT SPECIFIC	06/27/17
A01 09	ACCESSIBILITY NOTES (PUBLIC 1)	06/27/17
A01 08	ACCESSIBILITY NOTES (PUBLIC 2)	06/27/17
A01 07	ACCESSIBILITY NOTES (HOUSING 1)	06/27/17
A01 08	ACCESSIBILITY NOTES (HOUSING 2)	06/27/17
A01 09	ACCESSIBILITY NOTES (HOUSING 3)	06/27/17
A01 10	ACCESSIBILITY DETAILS	06/27/17
A01 11	ACCESSIBILITY DETAILS	06/27/17
A01 12	ACCESSIBILITY DETAILS	06/27/17
A01 01	SURVEY PLAN	06/27/17
A02 02	SITE PLAN	06/27/17
A02 00	GRID CONTROL PLANS & SLAB PLAN	06/27/17
A02 01	LEVEL 1 & 2 LEVEL FLOOR PLANS	06/27/17
A02 02	LEVEL 3 & 4 FLOOR PLANS	06/27/17
A02 03	ROOF LEVEL & ROOF PLANS	06/27/17
A02 01	NORTH & EAST EXTERIOR ELEVATIONS	06/27/17
A02 02	SOUTH & WEST EXTERIOR ELEVATIONS	06/27/17
A02 01	BUILDING SECTIONS	06/27/17
A03 01	LEVEL 1 & 2 PARKING PLAN	06/27/17
A03 02	LEVEL 3 & 4 LEVEL PARKING PLAN	06/27/17
A03 03	ROOF LEVEL PARKING PLAN	06/27/17
A03 01	RCP 1 & 2 LEVEL	06/27/17
A03 02	RCP 3 & 4 LEVEL	06/27/17
A03 03	RCP ROOF LEVEL	06/27/17
A03 01	FOUNDATION DETAILS	06/27/17
A03 01	EXTERIOR DETAILS	06/27/17
A03 02	EXTERIOR DETAILS	06/27/17
A03 01	ROOF DETAILS	06/27/17
A04 01	WALL TYPES	06/27/17
A04 02	FRAMED WALLS DETAILS	06/27/17
A04 03	ACOUSTIC / FIRE RATING DETAILS	06/27/17
A04 01	DOOR DETAILS	06/27/17
A07 00	ELEVATOR DETAILS	06/27/17
A07 51	ELEVATOR OUTSHEET - NORTH	06/27/17
A07 52	ELEVATOR OUTSHEET - NORTH	06/27/17
A07 53	ELEVATOR OUTSHEET - NORTH	06/27/17
A07 54	ELEVATOR OUTSHEET - SOUTH	06/27/17
A07 55	ELEVATOR OUTSHEET - SOUTH	06/27/17
A07 56	ELEVATOR OUTSHEET - SOUTH	06/27/17
A07 50	STAIR, QUADRANT DETAILS	06/27/17
A08 04	CEILING DETAILS	06/27/17

SHEET INDEX - STRUCTURAL		
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE
S00 01	GENERAL STRUCTURAL NOTES	06/27/17
S00 04	LEGENDS AND ABBREVIATIONS	06/27/17
S20 04	FOOTING & FOUNDATION PLAN	06/27/17
S22 01	LEVEL 2 FRAMING PLAN	06/27/17
S22 03	LEVEL 4 FRAMING PLAN	06/27/17
S22 05	ROOF FRAMING PLAN	06/27/17
S22 02	LEVEL 1 FRAMING PLAN	06/27/17
S22 04	ROOF LEVEL FRAMING PLAN	06/27/17
S60 03	CONCRETE SCHEDULES	06/27/17
S60 03	CONCRETE ANCHOR SCHEDULES	06/27/17
S50 01	FOOTING & FOUNDATION DETAILS	06/27/17
S50 02	FOOTING & FOUNDATION DETAILS	06/27/17
S81 01	TYPICAL STEEL FRAMING SCHEDULES	06/27/17
S81 02	STEEL COLUMN SCHEDULE AND DETAILS	06/27/17
S81 03	STEEL DECK SCHEDULES	06/27/17
S51 01	TYPICAL CONCRETE OVER STEEL DECK DETAILS	06/27/17
S51 02	TYPICAL FLOOR FRAMING DETAILS	06/27/17
S00 03	GENERAL STRUCTURAL NOTES	06/27/17
S50 01	WOOD SCHEDULES	06/27/17
S50 03	FOOTING & FOUNDATION DETAILS	06/27/17
S30 01	CONCRETE SHEAR WALL ELEVATIONS	06/27/17
S30 02	CONCRETE SHEAR WALL ELEVATIONS	06/27/17
S60 02	CONCRETE SCHEDULES	06/27/17

R&A
 REGISTERED PROFESSIONAL ENGINEER
 4365 Southpark Parkway, Suite 100
 Eden, UT 84301
 Tel: 435 753 8888
 Fax: 435 753 8888



NOT FOR CONSTRUCTION UNLESS
 SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

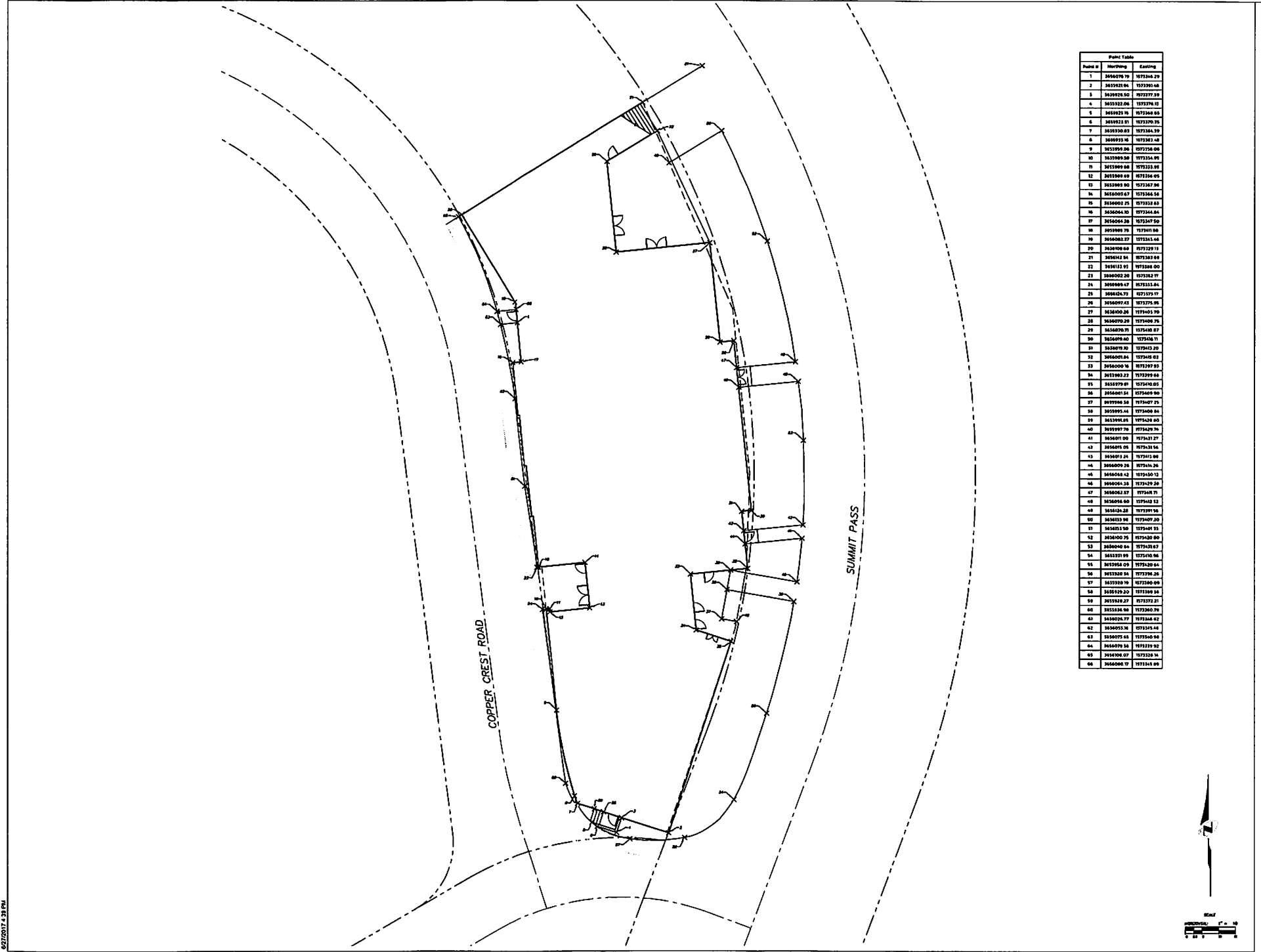
SHEET TITLE
SHEET INDEX

No.	Description	Date
1	ISSUED FOR FOUNDATION PERMITS	12/14/16

DATE
 06/27/17
 SCALE
 SHEET NO.
 236

A00.01

6/29/2017 11:18:53 AM



Point #	Northing	Easting
1	345076.79	157204.29
2	345082.06	157205.48
3	345092.50	157207.59
4	345102.06	157208.12
5	345112.19	157208.93
6	345122.81	157210.29
7	345133.82	157211.39
8	345143.16	157212.48
9	345152.06	157213.06
10	345160.58	157213.89
11	345168.68	157215.19
12	345176.49	157216.05
13	345183.80	157217.26
14	345190.87	157218.54
15	345197.25	157219.83
16	345204.20	157221.04
17	345210.26	157222.50
18	345216.78	157223.88
19	345222.37	157225.14
20	345228.68	157226.13
21	345234.24	157227.69
22	345240.20	157228.00
23	345246.20	157229.17
24	345252.47	157230.14
25	345258.73	157231.17
26	345264.43	157232.16
27	345270.28	157233.19
28	345276.78	157234.27
29	345282.40	157235.11
30	345288.30	157236.20
31	345294.04	157237.03
32	345300.16	157237.93
33	345306.27	157238.66
34	345312.27	157239.66
35	345318.81	157240.05
36	345324.84	157240.90
37	345330.54	157241.73
38	345336.44	157242.84
39	345342.15	157243.80
40	345347.76	157244.76
41	345353.17	157245.27
42	345358.05	157245.56
43	345363.24	157245.98
44	345368.16	157246.26
45	345372.42	157246.12
46	345376.43	157245.28
47	345380.27	157244.11
48	345383.60	157242.52
49	345386.28	157239.56
50	345389.36	157236.20
51	345391.50	157232.31
52	345393.75	157228.00
53	345395.84	157223.67
54	345397.09	157219.06
55	345398.09	157214.64
56	345398.84	157209.26
57	345399.36	157204.09
58	345399.20	157200.84
59	345398.27	157200.21
60	345396.96	157200.79
61	345395.77	157201.42
62	345394.34	157202.14
63	345392.64	157203.06
64	345390.76	157203.92
65	345388.07	157204.34
66	345385.17	157204.89



NOT FOR CONSTRUCTION PURPOSES UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84310

HORIZONTAL CONTROL

No.	Description	Date
1	DESIGNED FOR CONSTRUCTION	06/17/17

The design professional, by the use of seal and signature, certifies that the design and construction documents were prepared by the design professional or under the direct supervision and control of the design professional. The design professional is not responsible for the design or construction of any structure or equipment shown on these drawings unless the design professional is the design professional of record for the project. The design professional is not responsible for the design or construction of any structure or equipment shown on these drawings unless the design professional is the design professional of record for the project.

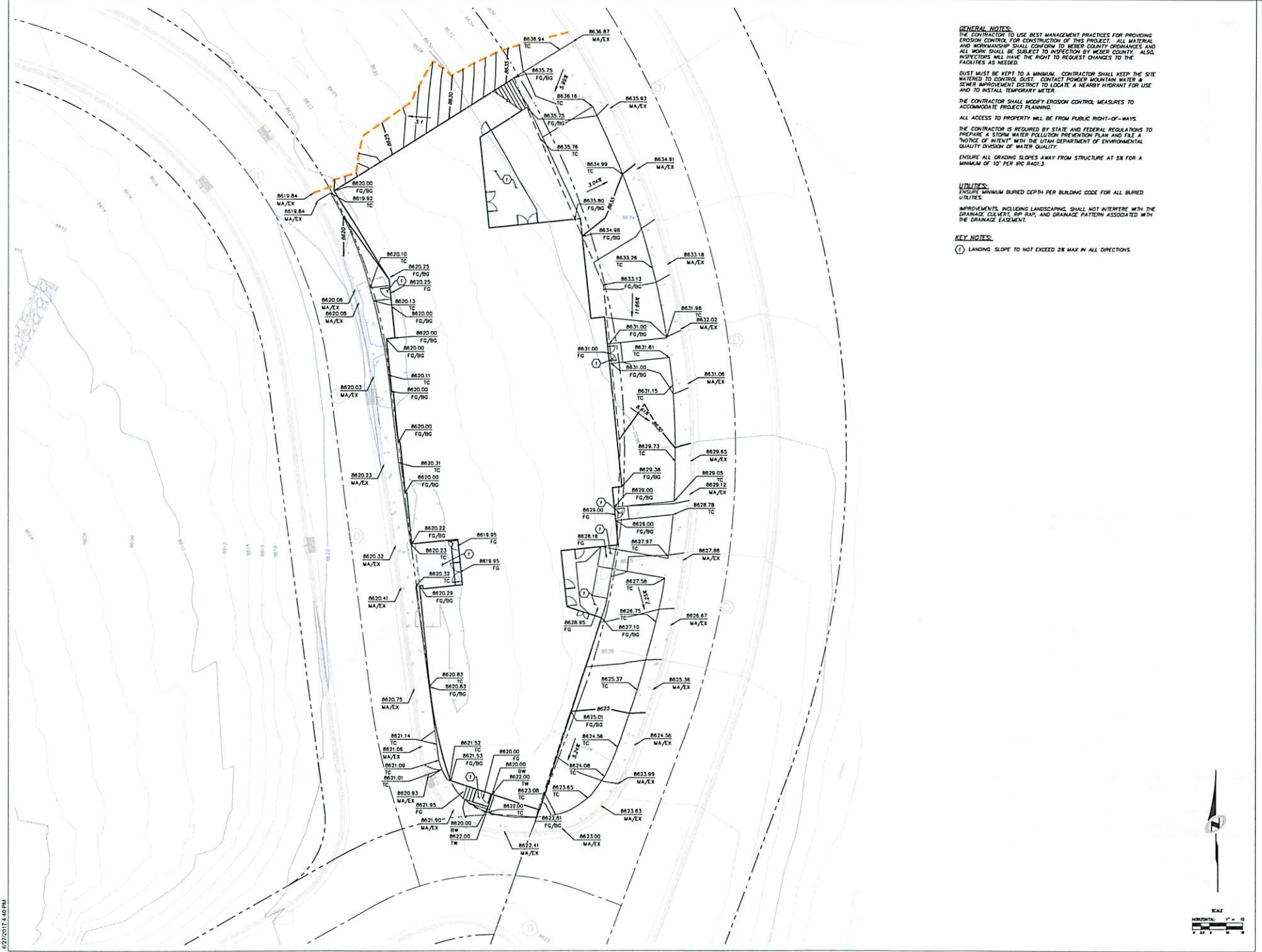
06/27/2017 4:28 PM

NO.	REVISION	DATE
1	PROJECT TAKE OFF	2/2/16
2	FOR PERMITTING	3/1/16
3	FOR PERMITTING	3/2/16
4	FOR PERMITTING	3/2/16
5	FOR PERMITTING	3/2/16
6	FOR PERMITTING	3/2/16
7	FOR PERMITTING	3/2/16
8	FOR PERMITTING	3/2/16
9	FOR PERMITTING	3/2/16
10	FOR PERMITTING	3/2/16
11	FOR PERMITTING	3/2/16
12	FOR PERMITTING	3/2/16
13	FOR PERMITTING	3/2/16
14	FOR PERMITTING	3/2/16
15	FOR PERMITTING	3/2/16
16	FOR PERMITTING	3/2/16
17	FOR PERMITTING	3/2/16
18	FOR PERMITTING	3/2/16
19	FOR PERMITTING	3/2/16
20	FOR PERMITTING	3/2/16
21	FOR PERMITTING	3/2/16
22	FOR PERMITTING	3/2/16
23	FOR PERMITTING	3/2/16
24	FOR PERMITTING	3/2/16
25	FOR PERMITTING	3/2/16
26	FOR PERMITTING	3/2/16
27	FOR PERMITTING	3/2/16
28	FOR PERMITTING	3/2/16
29	FOR PERMITTING	3/2/16
30	FOR PERMITTING	3/2/16
31	FOR PERMITTING	3/2/16
32	FOR PERMITTING	3/2/16
33	FOR PERMITTING	3/2/16
34	FOR PERMITTING	3/2/16
35	FOR PERMITTING	3/2/16
36	FOR PERMITTING	3/2/16
37	FOR PERMITTING	3/2/16
38	FOR PERMITTING	3/2/16
39	FOR PERMITTING	3/2/16
40	FOR PERMITTING	3/2/16
41	FOR PERMITTING	3/2/16
42	FOR PERMITTING	3/2/16
43	FOR PERMITTING	3/2/16
44	FOR PERMITTING	3/2/16
45	FOR PERMITTING	3/2/16
46	FOR PERMITTING	3/2/16
47	FOR PERMITTING	3/2/16
48	FOR PERMITTING	3/2/16
49	FOR PERMITTING	3/2/16
50	FOR PERMITTING	3/2/16

DATE: 06/27/17
 SHEET NO.: 236
 SCALE: 1"=10'
C201

- GENERAL NOTES: USE BEST MANAGEMENT PRACTICES FOR PREVENTING EROSION CONTROL TO BE CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL COMPLY TO COUNTY. ALSO, INSPECTOR WILL MAKE THE RIGHT TO REQUEST CHANGES TO THE FACILITIES AS NEEDED.
- BEFORE BEING USED TO A WORKMANSHIP. CONTRACTOR SHALL KEEP THE SITE UNDEVELOPED TO CONSOLE DUST. CONTACT POWER MOUNTAIN WATER AND SEWER IMPROVEMENT DISTRICT TO LOCATE A NEAREST HYDRANT FOR USE AND TO INSTALL TEMPORARY WATER.
- PLANNING CONTRACTOR SHALL MONITOR EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.
- THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND THE "NOISE ABATEMENT PLAN" WHICH MUST BE SUBMITTED TO THE LOCAL HEALTH DEPARTMENT AND THE LOCAL ENVIRONMENTAL AGENCY. THE CONTRACTOR SHALL MAINTAIN A DRAINAGE LOG AT ALL TIMES DURING CONSTRUCTION.
- PROVIDE ALL GRADING SLOPES AWAY FROM STRUCTURE AT 3% FOR A MINIMUM OF 10' PER IRC UTILITY.
- PROVIDE MINIMUM BURRED DEPTH PER BUILDING CODE FOR ALL BURIED UTILITIES. PROVIDE ALL BURIED UTILITIES TO BE INSTALLED AT A MINIMUM OF 18" FROM ANY EXISTING FOUNDATION. PROVIDE ALL BURIED UTILITIES TO BE INSTALLED AT A MINIMUM OF 18" FROM ANY EXISTING FOUNDATION.
- UTILITIES:
1. EXISTING FOUNDATION. SEE ARCHITECTURAL PLANS.
 2. EXISTING FOUNDATION FOOTING. SEE STRUCTURAL PLAN.
 3. CONSTRUCT 4" THICK CONCRETE SLAB. SEE ARCHITECTURAL PLANS FOR DETAILS.
 4. CONSTRUCT CONCRETE STAIRS. SEE ARCHITECTURAL PLANS FOR DETAILS.
 5. CONSTRUCT CONCRETE RAMP. SEE GRADING PLAN FOR SLOPES AND ELEVATIONS.
 6. LANDING SLOPE TO NOT EXCEED 2:1 IN ANY DIRECTION. SEE GRADING PLAN.
 7. SLOPES TO BE PROTECTED WITH GEOTEXTILES AND ANTI-EROSION MEASURES. SEE ARCHITECTURAL PLANS FOR DETAILS ON SLOPES.
 8. CONSTRUCT CONCRETE CURB WALL. SEE STRUCTURAL DRAWINGS.
 9. SEE CUT AND FILL SCHEDULE FOR EXPLANATION OF UTILITY TRENCH FOLLOWING MEAN COUNTY PUBLIC WORKS STANDARDS AND SPECIFICATIONS SECTION 1.18 RESTORATION OF SURFACE IMPROVEMENTS AND APPLICABLE PLAN NO. 222.
 10. INSTALL 4" x 30" x 33 SOWER LATERAL PER APPLICABLE PLAN NO. 431.
 11. INSTALL 4" x 30" SOWER MAIN PER APPLICABLE PLAN NO. 431.
 12. INSTALL 4" PRECAST SAMPLING MANHOLE PER APPLICABLE PLAN NO. 411.
 13. INSTALL 4" x 30" x 33 SOWER LATERAL PER APPLICABLE PLAN NO. 431.
 14. HOT TAP WATER MAIN WITH 8" SADDLE & 8" x 8" OUTLET.
 15. INSTALL 8" GATE VALVE WITH THROST BLOWING PER APPLICABLE PLAN NO. 561.
 16. INSTALL 8" TEE WITH THROST BLOWING PER APPLICABLE PLAN NO. 561.
 17. INSTALL 8" x 30" PVC WATER PIPE PER APPLICABLE PLAN NO. 301 & 302.
 18. INSTALL 6" x 30" RSD WITH THROST BLOWING PER APPLICABLE PLAN NO. 561.
 19. INSTALL 4" x 4" REDUCER WITH THROST BLOWING PER APPLICABLE PLAN NO. 561.
 20. INSTALL 4" x 30" PVC WATER PIPE PER APPLICABLE PLAN NO. 301 & 302.
 21. INSTALL 4" COMPOUND METER WITH 2" BYPASS PER APPLICABLE PLAN NO. 333.
 22. INSTALL 4" x 30" RSD WITH THROST BLOWING PER APPLICABLE PLAN NO. 561.
 23. INSTALL 6" x 30" HOPE STORM DRAIN PIPE CONNECT TO EXISTING STORM DRAIN INLET BOX.
 24. GAS PIPES AND STORAGE TANKS (LPG GAS) TO BE EARTHED AND GROUNDED BY CONTRACTOR. INSTALLATION BY OTHERS.
 25. INSTALL FIRE DEPARTMENT CONNECTION PER MEER FIRE DISTRICT.
 26. SEE MECHANICAL PLANS FOR CONTINUATION.
 27. INSTALL FOOTING DRAIN 4" x 30" PERFORMED HOPE PIPE SEE DETAIL A-2/HEET C50A.
 28. INSTALL 4" x 30" PRECAST MANHOLE WITH FLAT BOTTOM AND SUMP PUMP PER DETAIL B/SHEET C50A.
 29. INSTALL 1" x 30" POLY PIPE FROM SUMP PUMP TO EXISTING STORM DRAIN INLET BOX.





GENERAL NOTES:
 THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO WEBER COUNTY ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY WEBER COUNTY. ALSO, INSPECTORS WILL HAVE THE RIGHT TO REQUEST CHANGES TO THE FACILITIES AS NEEDED.
 DUST MUST BE KEPT TO A MINIMUM. CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTACT POWDER MOUNTAIN WATER & SEWER MANAGEMENT DISTRICT TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER.
 THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.
 ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.
 THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY.
 ENSURE ALL GRADING SLOPES AWAY FROM STRUCTURE AT 5% FOR A MINIMUM OF 10' PER IFC R401.3

UTILITIES:
 ENSURE MINIMUM BURIED DEPTH PER BUILDING CODE FOR ALL BURIED UTILITIES.
 IMPROVEMENTS, INCLUDING LANDSCAPING, SHALL NOT INTERFERE WITH THE DRAINAGE COLLECT, SFP, S&P, AND DRAINAGE PATTERN ASSOCIATED WITH THE DRAINAGE EASEMENT.

KEY NOTES:
 (1) LANDING SLOPE TO NOT EXCEED 2% MAX IN ALL DIRECTIONS



NOT FOR CONSTRUCTION UNTIL APPROVED BY THE ARCHITECT

POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84310

GRADING PLAN

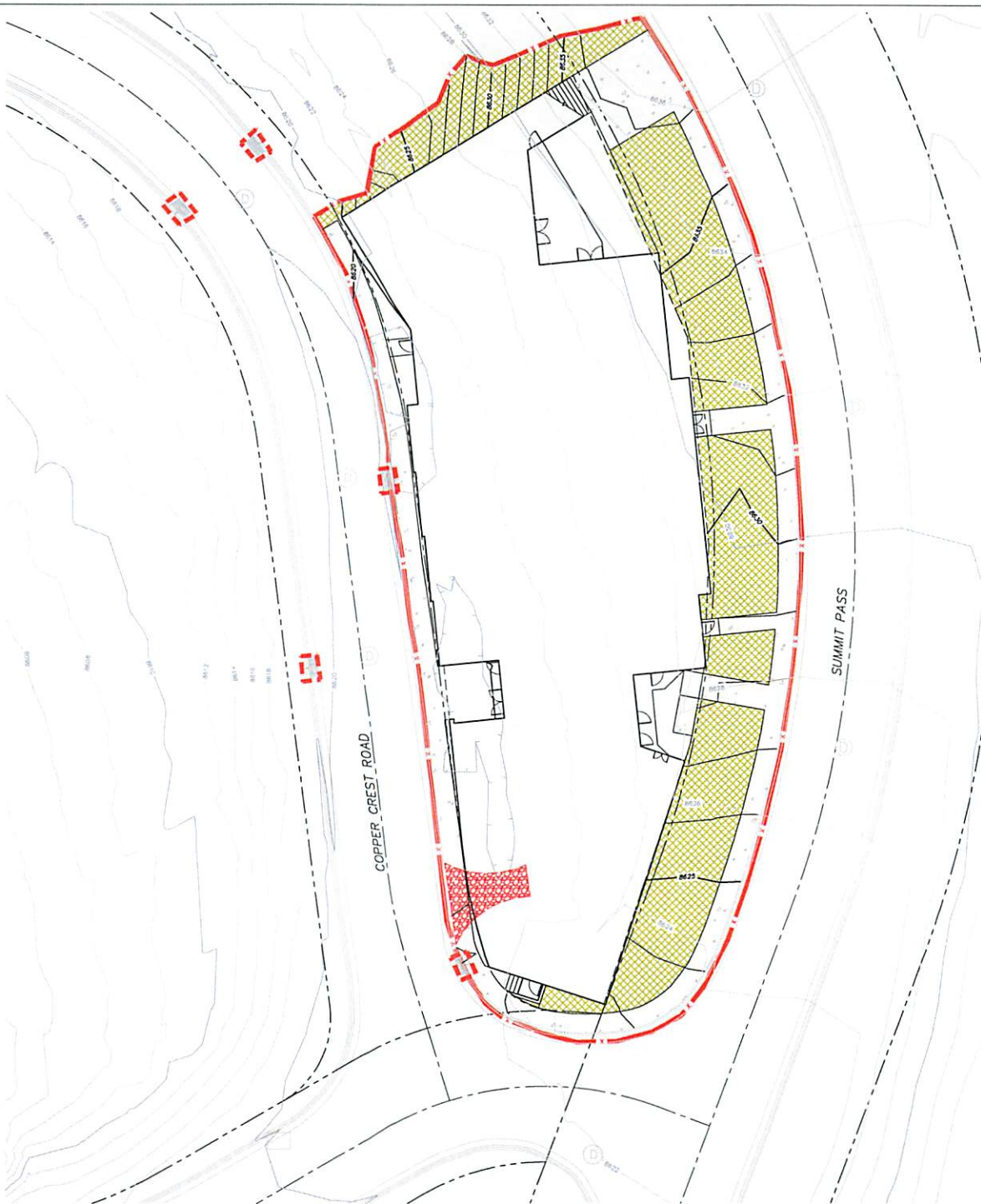
Rev.	Description	Date
1	ISSUED FOR PERMIT	05/17/17

FOR THE RECORD, THE CONTRACTOR SHALL MAINTAIN THE EXISTING TOPOGRAPHY OF THE SITE AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING DRAINAGE PATTERN AND SHALL NOT INTERFERE WITH THE DRAINAGE COLLECT, SFP, S&P, AND DRAINAGE PATTERN ASSOCIATED WITH THE DRAINAGE EASEMENT. THE CONTRACTOR SHALL MAINTAIN THE EXISTING EROSION CONTROL MEASURES AND SHALL NOT REMOVE OR DAMAGE ANY EROSION CONTROL MEASURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING UTILITIES AND SHALL NOT REMOVE OR DAMAGE ANY UTILITIES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING ACCESS TO THE PROPERTY AND SHALL NOT REMOVE OR DAMAGE ANY ACCESS. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FENCE AND SHALL NOT REMOVE OR DAMAGE ANY FENCE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING LANDSCAPING AND SHALL NOT REMOVE OR DAMAGE ANY LANDSCAPING. THE CONTRACTOR SHALL MAINTAIN THE EXISTING TREES AND SHALL NOT REMOVE OR DAMAGE ANY TREES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SOIL AND SHALL NOT REMOVE OR DAMAGE ANY SOIL. THE CONTRACTOR SHALL MAINTAIN THE EXISTING WATER AND SHALL NOT REMOVE OR DAMAGE ANY WATER. THE CONTRACTOR SHALL MAINTAIN THE EXISTING AIR AND SHALL NOT REMOVE OR DAMAGE ANY AIR. THE CONTRACTOR SHALL MAINTAIN THE EXISTING LIGHT AND SHALL NOT REMOVE OR DAMAGE ANY LIGHT. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SOUND AND SHALL NOT REMOVE OR DAMAGE ANY SOUND. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VIBRATION AND SHALL NOT REMOVE OR DAMAGE ANY VIBRATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CLIMATE AND SHALL NOT REMOVE OR DAMAGE ANY CLIMATE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING WEATHER AND SHALL NOT REMOVE OR DAMAGE ANY WEATHER. THE CONTRACTOR SHALL MAINTAIN THE EXISTING TIDES AND SHALL NOT REMOVE OR DAMAGE ANY TIDES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING WAVES AND SHALL NOT REMOVE OR DAMAGE ANY WAVES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING CURRENTS AND SHALL NOT REMOVE OR DAMAGE ANY CURRENTS. THE CONTRACTOR SHALL MAINTAIN THE EXISTING WINDS AND SHALL NOT REMOVE OR DAMAGE ANY WINDS. THE CONTRACTOR SHALL MAINTAIN THE EXISTING STORMS AND SHALL NOT REMOVE OR DAMAGE ANY STORMS. THE CONTRACTOR SHALL MAINTAIN THE EXISTING HAIL AND SHALL NOT REMOVE OR DAMAGE ANY HAIL. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SNOW AND SHALL NOT REMOVE OR DAMAGE ANY SNOW. THE CONTRACTOR SHALL MAINTAIN THE EXISTING ICE AND SHALL NOT REMOVE OR DAMAGE ANY ICE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FOG AND SHALL NOT REMOVE OR DAMAGE ANY FOG. THE CONTRACTOR SHALL MAINTAIN THE EXISTING MIST AND SHALL NOT REMOVE OR DAMAGE ANY MIST. THE CONTRACTOR SHALL MAINTAIN THE EXISTING DRIZZLE AND SHALL NOT REMOVE OR DAMAGE ANY DRIZZLE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING RAIN AND SHALL NOT REMOVE OR DAMAGE ANY RAIN. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SLEET AND SHALL NOT REMOVE OR DAMAGE ANY SLEET. THE CONTRACTOR SHALL MAINTAIN THE EXISTING HAIL AND SHALL NOT REMOVE OR DAMAGE ANY HAIL. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SNOW AND SHALL NOT REMOVE OR DAMAGE ANY SNOW. THE CONTRACTOR SHALL MAINTAIN THE EXISTING ICE AND SHALL NOT REMOVE OR DAMAGE ANY ICE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FOG AND SHALL NOT REMOVE OR DAMAGE ANY FOG. THE CONTRACTOR SHALL MAINTAIN THE EXISTING MIST AND SHALL NOT REMOVE OR DAMAGE ANY MIST. THE CONTRACTOR SHALL MAINTAIN THE EXISTING DRIZZLE AND SHALL NOT REMOVE OR DAMAGE ANY DRIZZLE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING RAIN AND SHALL NOT REMOVE OR DAMAGE ANY RAIN. THE CONTRACTOR SHALL MAINTAIN THE EXISTING SLEET AND SHALL NOT REMOVE OR DAMAGE ANY SLEET.

DATE: 06/27/17
 SCALE: 1"=10'
 SHEET NO: 236
 C301

02/27/2017 4:41 PM

AAA # THIS SHEET IS NOT 30" x 42" IT IS A REDUCED PRINT



EROSION CONTROL GENERAL NOTES:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO MOWER COUNTY ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTY. ALSO, INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COSTS TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT "OPEN" FOR 14 DAYS OR MORE, THE AREA SHALL BE TILLED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.

THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE UTAH DIVISION OF WATER QUALITY.

MAINTENANCE:

ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL VEGETATION IS RE-ESTABLISHED.

THE CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE MAKING BI-WEEKLY CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE DOCUMENTED AND COPIES OF THE INSPECTIONS KEPT ON SITE.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF BARRIER.

SEDIMENT TRACKED ONTO PAVED ROADS MUST BE CLEANED UP AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN THE END OF THE NORMAL WORK DAY. THE CLEAN UP WILL INCLUDE SWEEPING OF THE MATERIAL, PICKING IT UP, AND DEPOSITING IT TO A CONTAINED AREA.





EXPOSED SLOPES:

ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:

- SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED
- TRACKING STRIP PERPENDICULAR TO SLOPES
- INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

-  MATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEEDED FOR NATURAL VEGETATION. AREAS RECEIVING SEEDING FOR NATURAL VEGETATION MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED EQUAL. FOLLOW MANUFACTURER'S SPECIFICATIONS. INSTALL NORTH AMERICAN GREEN P300 EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 1.5:1. RE-SEED AREA IS APPROPRIATE. CONTRACTOR IS TO REVEGETATE ALL DISTURBED AREAS.
-  STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.
-  INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.
-  INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.



NOT FOR CONSTRUCTION UNITS, SIGNED BY THE ARCHITECT

POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84310

SHEET TITLE
EROSION CONTROL PLAN

No.	Description	Date
1	ISSUANCE FOR CONSTRUCTION PERMIT	07/10/17

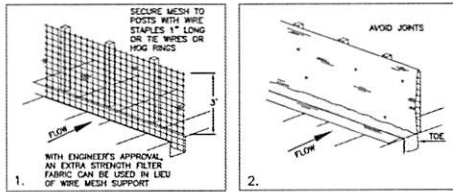
FOR THESE DRAWINGS, WHICH HAVE BEEN PREPARED AND THIS PROJECT OR ALL, NO PART THEREOF, HAS BEEN REVIEWED BY THE ARCHITECT, ENGINEER, OR OTHER PROFESSIONAL PERSON, UNLESS INDICATED OTHERWISE. THE ARCHITECT, ENGINEER, OR OTHER PROFESSIONAL PERSON, IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS, INCLUDING ANY CONFLICTS BETWEEN THESE DRAWINGS AND ANY OTHER DOCUMENTS, INCLUDING ANY PERMITS, ORDINANCES, OR REGULATIONS, OR ANY OTHER DOCUMENTS, INCLUDING ANY PERMITS, ORDINANCES, OR REGULATIONS, OR ANY OTHER DOCUMENTS, INCLUDING ANY PERMITS, ORDINANCES, OR REGULATIONS.

JOB NO. 236
DATE 06/27/17
SCALE 1"=10'

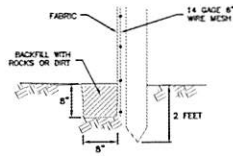
SHEET NO. C401



NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



INSTALLATION SEQUENCE



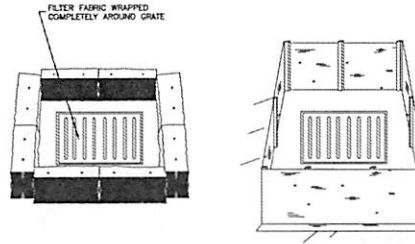
TOE DETAIL

Silt fence
7

Plan
122

February 2006

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



STRAW BALE BARRIER
(PLAN No. 121)

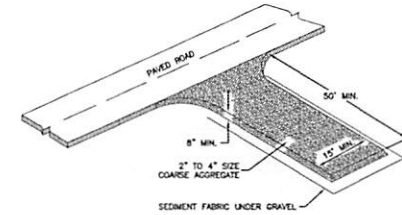
SILT FENCE
(PLAN No. 122)

Inlet protection - fence or straw bale
15

Plan
124
Sheet 3 of 3

February 2006

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



Stabilized roadway entrance
19

Plan
126

February 2006

1 SILT FENCE DETAIL
N/S

2 INLET PROTECTION DETAIL
N/S

3 STABILIZED ROADWAY ENTRANCE DETAIL
N/S

R&A
Architecture and Design

4755 DePue Avenue, Suite 102
Cedar City, UT 84701
PH: 437-7446
WWW.R&A.COM



TALISMAN
CONSULTANTS

Utah



NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84310

SHEET TITLE
EROSION CONTROL DETAILS

Rev.	Description	Date
1	ISSUED FOR PERMITS	06/27/17
2	REVISIONS	

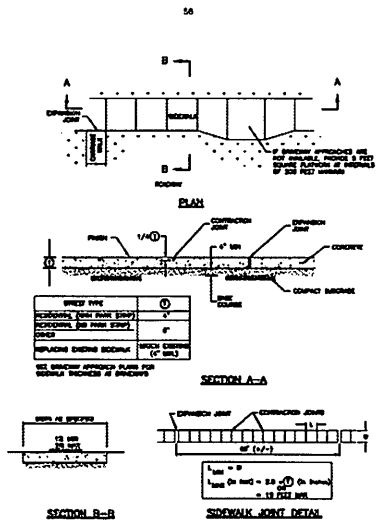
FOR THESE DRAWINGS TO BE USED FOR CONSTRUCTION, THE CLIENT MUST SIGN AND SEAL THESE DRAWINGS. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE WRITTEN CONSENT OF R&A. THE CLIENT MUST SIGN AND SEAL THESE DRAWINGS. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT OR PURPOSE WITHOUT THE WRITTEN CONSENT OF R&A. THE CLIENT MUST SIGN AND SEAL THESE DRAWINGS.

PROJ NO: 236
DATE: 06/27/17
SCALE: N/A
SHEET NO:

C402

Sidewalk

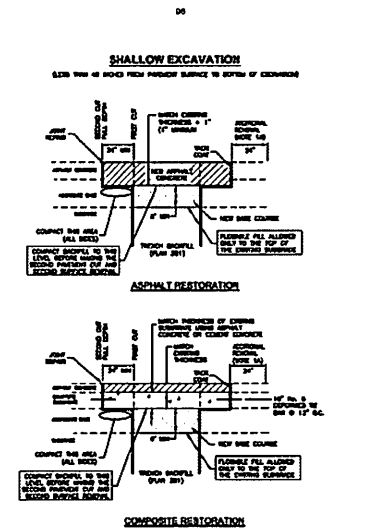
1. GENERAL
 - A. Verify that specified dimensions and slopes meet acceptable to the ENGINEER. System configuration may be changed by ENGINEER'S decision.
 - B. Additional requirements are specified in APWA Section 32 16 13.
2. PRODUCTS
 - A. Base Course: Unstabilized base course, APWA Section 32 11 23. Do not use gravel or a base course without ENGINEER'S permission.
 - B. Expansion Joint Fiber: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
 - C. Concrete: Class A/C25, APWA Section 32 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution, however, as concrete curing (topical cracks) may develop if air temperature exceeds 90 degrees F.
 - D. Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type II Class A), APWA Section 32 30 00.
3. EXECUTION
 - A. Base Course Placement: APWA Section 32 05 10. Maximum 88 thickness before compaction to 8 inches when using rolling equipment or 6 inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 22 26.
 - B. Concrete Placement: APWA Section 32 30 10
 - 1) Install expansion joints vertical, full depth, with top of fiber set flush with concrete surface.
 - 2) Install contraction joints vertical, 16 inch wide or 1/4 slab thickness if the slab is greater than 8 inches thick. Maximum length to width ratio for non square joints is 1.5 to 1. Maximum panel length (in feet) is 1.5 times the slab thickness (in inches).
 - 3) Provide 1/2-inch radius edge. Apply a broom finish. Apply a curing agent.



Sidewalk
37
231

Asphalt concrete T-patch

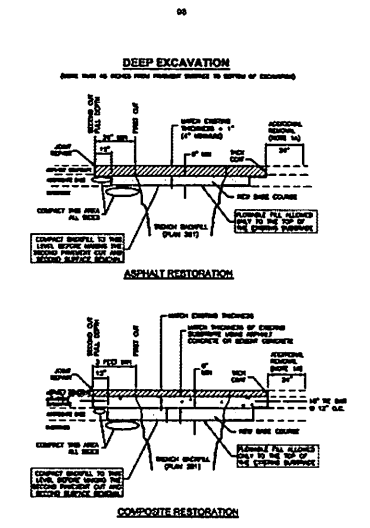
1. GENERAL
 - A. If a hole cut in the direction of vehicular travel is to a wheel path, consult ENGINEER for decisions on removing additional pavement other than the amount shown on this drawing.
2. PRODUCTS
 - A. Base Course: Unstabilized base course, APWA Section 32 11 23. Do not use gravel or a base course without ENGINEER'S permission.
 - B. Flexible FR: Target is 60 psi in 28 days and 80 psi maximum in 38 days, APWA Section 31 23 15. It must flow easily requiring no vibration for consolidation.
 - C. Reinforcement: No. 8 Galvalum or epoxy coated rebar, 60 psi yield grade steel, ASTM A 615.
 - D. Concrete: Class A/C25, APWA Section 32 30 04.
 - E. Tack Coat: APWA Section 32 12 13.
 - F. Asphalt Concrete: APWA Section 32 12 05.
 - G. Hot Weather Patch: MC-225M-1/2, unless indicated otherwise.
 - H. Cold Weather Patch: Modified MC-225-FR-1, as indicated in APWA Section 32 05 23.
3. EXECUTION
 - A. Base Course Placement: APWA Section 32 05 10. Maximum 88 thickness before compaction to 8 inches when using rolling equipment or 6 inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 22 26.
 - B. Flexible FR: Cure to meet set before placing aggregate base or asphalt pavement. Use in excavations that are too narrow to receive compaction equipment.
 - C. Tack Coat: Clean all horizontal and vertical surfaces. Apply full coverage.
 - D. Asphalt Placement: Match existing thickness plus 1 inch but not more than 6 inches in residential thoroughfares or 8 inches non residential thoroughfares. Install in FR no greater than 3 inches after application. Compact to 94 percent of ASTM D 2041 (Proctor density) plus or minus 2 percent. If asphalt pavement is substituted for concrete substrate, unit weight and pounds 1.25 inches of pavement for each 1 inch of concrete substrate substituted.
 - E. Reinforcement: Required if thickness of existing Portland-cement concrete substrate is 6 inches or greater. Not required if (1) less than 6 inches thick, (2) if existing concrete is deteriorating, (3) if excavation is less than 3 feet square, or (4) if asphalt pavement is substituted for Portland-cement concrete substrate.
 - F. Concrete Substrate: Cure to meet set before placing new asphalt concrete patch.
 - G. Joint Repair: If a crack occurs at a connection to an existing pavement or at any street corner, flush seal the crack per Plan 302.
 - H. Patch Repair: Repair patch if any of the following conditions within the patch occur: (1) Any surface distress deterioration 1/4 inch diameter in 10 feet. Repair within 30 days of surface distress. Cast slotted surface with a cellular or aggregate emission that complies with APWA Section 32 12 03.
 - I. Cuts at least 1 inch long and 1/4 inch wide occur more often than 1 in 10 square feet. Repair within 30 days.
 - J. Asphalt milling is greater than 1 square foot per 100 square feet. Repair within 30 days and 1/4 inch.



Asphalt concrete T-patch
37
255

Trench backfill

1. GENERAL
 - A. If a hole cut in the direction of vehicular travel is within a wheel path, ENGINEER may order additional pavement restored as one of the sub-areas of a wheel path.
2. PRODUCTS
 - A. Base Course: Unstabilized base course, APWA Section 32 11 23. Do not use gravel or a base course without ENGINEER'S permission.
 - B. Flexible FR: Target is 60 psi in 28 days and 80 psi maximum in 38 days, APWA Section 31 23 15. It must flow easily requiring no vibration for consolidation.
 - C. Reinforcement: Galvalum or epoxy coated rebar, 60 psi yield grade steel, ASTM A 615.
 - D. Concrete: Class A/C25, APWA Section 32 30 04.
 - E. Tack Coat: APWA Section 32 12 13.
 - F. Asphalt Concrete: APWA Section 32 12 05.
 - G. Hot Weather Patch: MC-225M-1/2, unless indicated otherwise.
 - H. Cold weather patch - modified MC-225-FR-1, APWA Section 32 05 23.
3. EXECUTION
 - A. Base Course Placement: APWA Section 32 05 10. Maximum 88 thickness before compaction to 8 inches when using rolling equipment or 6 inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 22 26.
 - B. Tack Coat: Clean all horizontal and vertical surfaces. Apply full coverage.
 - C. Asphalt Placement: Match existing thickness plus 1 inch but not more than 6 inches in residential thoroughfares or 8 inches non residential thoroughfares. Install in FR no greater than 3 inches after application. Compact to 94 percent of ASTM D 2041 (Proctor density) plus or minus 2 percent. If asphalt pavement is substituted for concrete substrate, unit weight and pounds 1.25 inches of pavement for each 1 inch of concrete substrate substituted.
 - D. Reinforcement: Required if thickness of existing Portland-cement concrete substrate is 6 inches or greater. Not required if (1) less than 6 inches thick, (2) if existing concrete is deteriorating, (3) if excavation is less than 3 feet square, or (4) if asphalt pavement is substituted for Portland-cement concrete substrate.
 - E. Concrete Substrate: Cure to meet set before placing new asphalt concrete patch.
 - F. Joint Repair: If a crack occurs at a connection to an existing pavement or at any street corner, flush seal the crack per Plan 302.
 - G. Patch Repair: Repair patch if any of the following conditions within the patch occur: (1) Permanent surface distress exceeds 1/4-inch diameter in 10 feet. Repair within 30 days of surface distress. Cast slotted surface with a cellular or aggregate emission that complies with APWA Section 32 12 03.
 - H. Cuts at least 1 inch long and 1/4-inch wide occur more often than 1 in 10 square feet. Repair within 30 days.
 - I. Asphalt milling is greater than 1 square foot per 100 square feet. Repair within 30 days and 1/4 inch.



Asphalt concrete T-patch
37
255



NOT FOR CONSTRUCTION UNLESS SHOWN BY THE ARCHITECT

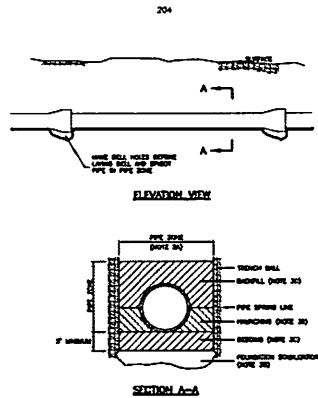
POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84630

DETAILS

NO.	DESCRIPTION	DATE
1	PRELIMINARY	11/17/00
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	

PROJECT NO.	236
DATE	06/27/17
SCALE	N/A
SHEET NO.	C501

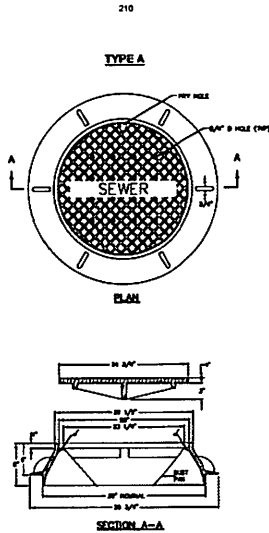
- Pipe zone backfill**
- GENERAL**
 - Invert the pipe in the center of the trench or no closer than 6 inches from the wall of the pipe in the wall of the trench.
 - PRODUCTS**
 - Base Course: Ungraded base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
 - Backfill: Common 85, APWA Section 31 03 13. Maximum particle size 2-inches.
 - Concrete: APWA Section 03 30 04.
 - Flexible Fill: Target is 0.01 cut in 20 days with 60 psi maximum in 28 days, APWA Section 31 03 15. It must flow readily requiring no vibration for consolidation.
 - Stabilization-Separation Geotextile: Moderate or high at CONTRACTOR'S choice, APWA Section 31 03 19.
 - EXECUTION**
 - Excavate the Pipe Zone: W&B is measured at the pipe spring line and includes any necessary sheathing. Provide W&B recommended by pipe manufacturer. Follow manufacturer's recommendations when using trench boxes.
 - Foundation Stabilization: Get ENGINEER'S permission before installing common 85. Vibrate to stabilize. Installation of stabilization-separation geotextile will be required to separate backfill material and native subgrade materials if common 85 cannot provide a working surface or prevent soil migration.
 - Base Course:
 - Furnish ungraded base course material unless specified otherwise by pipe manufacturer.
 - Maximum 85 thickness is 6-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 28.
 - When using concrete, provide at least Class 2,000 per APWA Section 03 30 04.
 - Pipe Zone: DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate in the pipe zone. Water jelling is NOT allowed.
 - Maximum 85 thickness is 6-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 28 unless pipe manufacturer requires more stringent installation.
 - Submission of quality control compaction test result data developed for the trench zone may be requested by ENGINEER at any time. CONTRACTOR is to provide results of tests immediately upon request.
 - Flashing FR is when required and allowed by pipe manufacturer:
 - Place the completed low strength material, APWA Section 31 03 15.
 - Prevent pipe flotation by installing in file and propping pipe restraints as required by pipe manufacturer.
 - Reset pipe to file and grade if pipe "backs" out of position.



Pipe zone backfill

382

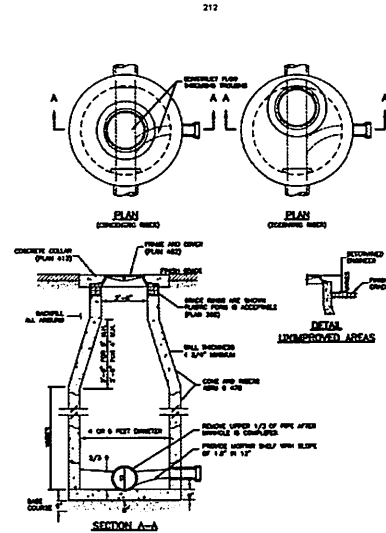
- 30" Frame and cover**
- GENERAL**
 - The frame and cover fit the manhole in Plan 411.
 - PRODUCTS**
 - Castings: Grey iron class 25 minimum, ASTM A 48 coated with asphalt based paint or better (except on machined surfaces):
 - Cast the heat number on the frame and cover.
 - On the frame and cover a machine finish so the cover will not rock.
 - "I" designates machined surface.
 - Cast the words "SEWER" on the cover in upper case flush with the surface finish.
 - EXECUTION**
 - Except in paved streets, provide locking manhole covers in easements, alleys, parking lots, and all other places. Drill and tap two holes to a depth of 1-inch at 90 degrees by any route and install a 3/4-inch allen socket set screws.



30" Frame and cover

402

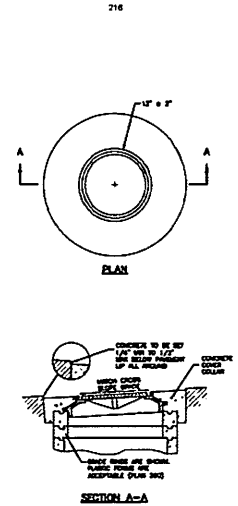
- Sanitary sewer manhole**
- GENERAL**
 - The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the manhole.
 - PRODUCTS**
 - Manhole size:
 - Diameter is 4 feet. For sewers under 12" diameter.
 - Diameter is 5 feet. For sewers 12" and larger, or when 3 or more pipes intersect the manhole.
 - EXECUTION**
 - Foundation Stabilization: Get ENGINEER'S permission to use a sewer rock or a granular backfill below in a geotextile area to stabilize an unstable foundation.
 - Base Course Placement: APWA Section 32 11 23. Maximum 85 thickness is 6-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 28.
 - Invert Cover: During construction, place invert covers over the top of pipe in manholes that currently convey sewerage. See Plan 412.
 - Pipe Connections: Offset around all pipe openings.
 - Pipe Seal: Install rubber-based pipe seals on all plastic pipes when connecting plastic pipes to manholes. Seal metal-to-metal joints with asbestos sheet joints.
 - Joints: Place flexible gasket type sealant in all rear joints. Finish with grol.
 - Adjustment: If the required manhole depth is more than 1'-0", remove the cone and grade rings and adjust the manhole elevation with the appropriate manhole section. The cone sections, and the grade rings or plastic forms to raise frame and to match street grade.
 - Finish: Provide smooth and neat finishes on interior of cones, shafts, and rings. Imperfect moldings or hole openings will not be accepted.
 - Backfill: Provide backfill against the manhole shaft. Use gravel and recycled RAP aggregate is NOT ALLOWED. Water jelling is NOT allowed. Maximum 85 thickness is 6-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 28.



Sanitary sewer manhole

411

- Cover collar for sanitary sewer manhole**
- GENERAL**
 - In a pavement surface, the concrete will support the frame under traffic loadings.
 - PRODUCTS**
 - Concrete: Class 4000, APWA Section 03 30 04.
 - Concrete Curing Agent: Type 0 Class A (clear with Lightly dry), membrane forming compound, APWA Section 03 30 00.
 - EXECUTION**
 - Placement Preparation: Provide a neat vertical and concrete joint between concrete and existing existing concrete surfaces. Clean edges of all cut, old, and loose debris.
 - Concrete Placement: Fit the annular space around the frame and cover casting with concrete. Apply a broom finish. Apply a curing agent.



Cover collar for sanitary sewer manhole

413

DETAILS

No.	Description	Date
1	ISSUED FOR TENDERS	06/17/17
2		

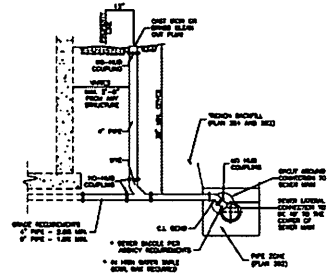
The undersigned hereby certifies that the drawings and specifications herein were prepared by him or under his direct supervision and that he is a duly Licensed Professional Engineer in the State of Utah. He further certifies that he is not providing professional services to any other project which would constitute a conflict of interest. He certifies that he is not providing professional services to any other project which would constitute a conflict of interest.

DATE	236
DATE	06/27/17
SCALE	N/A
SHEET NO	C502

Sewer lateral connection

1. GENERAL
 - A. Before installation, secure acceptance by ENGINEER for all pipe, fittings, and couplings to be used
 - B. Before backfilling, secure inspection of installation by ENGINEER. Give at least 24 hours notice.
 - C. Verify if CONTRACTOR or agency is to install the pipe.
2. PRODUCTS
 - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER'S permission.
 - B. Backfill: Common RL APWA Section 31 02 13. Maximum particle size 2-inches.
 - C. Provide agency approved pipe or tee with appropriate donut.
 - D. Dismantle steel straps required.
3. EXECUTION
 - A. Pipe sets pipe as required by soil conditions.
 - B. Remove man (PLG) from sewer main. Do not break into sewer main to make connection.
 - C. Base Course and Backfill Placement: Maximum 12 inches to 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 25.

218



Sewer lateral connection

Plan 431

January 2001

219

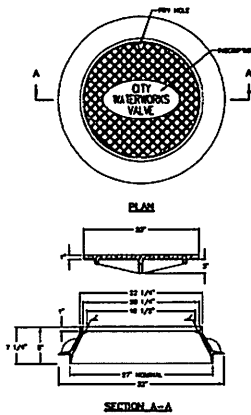
27" Frame and cover

1. GENERAL
 - A. This frame and cover fits manholes in Plan 5C.
2. PRODUCTS
 - A. Castings: Gray iron class 35 minimum, ASTM or better (except on machined surfaces).
 - 1) Cast the heat number on the frame and cover.
 - 2) Give the frame and cover a machine finish.
 - 3) 1' designates machined surface.
 - 4) Cast the name of the agency as its acronym "MATERGRIS" in the second line. Cast all letters on 1' surface finish.
3. EXECUTION (Not used)

cast part

with
add
with the

220



27" Frame and cover

Plan 502

April 2007

231

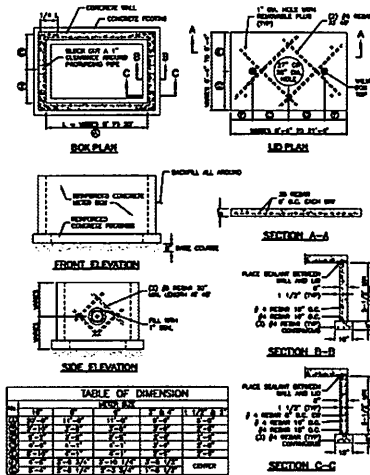
Concrete meter boxes

1. GENERAL
 - A. This frame and cover fits manholes in Plan 5C.
2. PRODUCTS
 - A. Castings: Gray iron class 35 minimum, ASTM or better (except on machined surfaces).
 - 1) Cast the heat number on the frame and cover.
 - 2) Give the frame and cover a machine finish.
 - 3) 1' designates machined surface.
 - 4) Cast the name of the agency as its acronym "MATERGRIS" in the second line. Cast all letters on 1' surface finish.
3. EXECUTION (Not used)

cast part

with
add
with the

234



Concrete meter boxes

Plan 505

April 2001

235

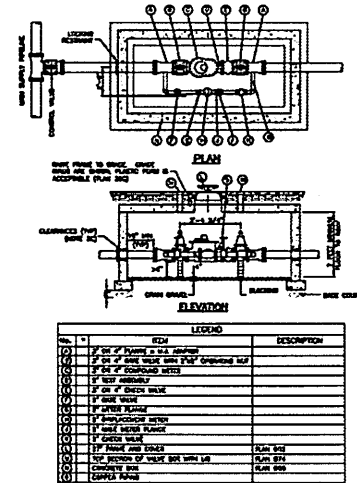
3" and 4" Compound meter with 2" bypass

1. GENERAL
 - A. This frame and cover fits manholes in Plan 5C.
2. PRODUCTS
 - A. Castings: Gray iron class 35 minimum, ASTM or better (except on machined surfaces).
 - 1) Cast the heat number on the frame and cover.
 - 2) Give the frame and cover a machine finish.
 - 3) 1' designates machined surface.
 - 4) Cast the name of the agency as its acronym "MATERGRIS" in the second line. Cast all letters on 1' surface finish.
3. EXECUTION (Not used)

cast part

with
add
with the

242



3" and 4" Compound meter with 2" bypass

Plan 523

August 2001

243



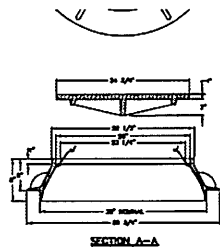
NOT FOR CONSTRUCTION UNLESS SHOWN BY THE CONTRACT

POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84310

DETAILS

NO.	DESCRIPTION	QTY
1	3" and 4" Compound Meter with 2" Bypass	1

* FURNISHED BY AGENCY



30" Frame and cover
133

September 2016

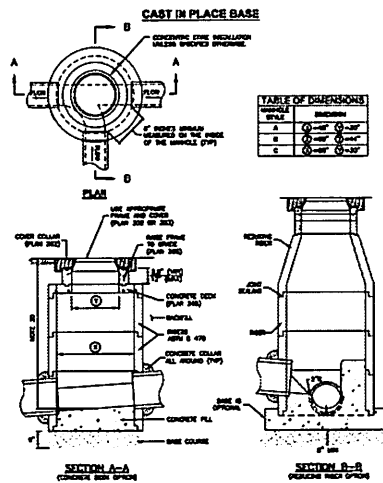


TABLE OF DIMENSIONS	DESCRIPTION
A	CONCRETE RING
B	CONCRETE COLLAR
C	CONCRETE FILL

302
Sheet 1 of 2

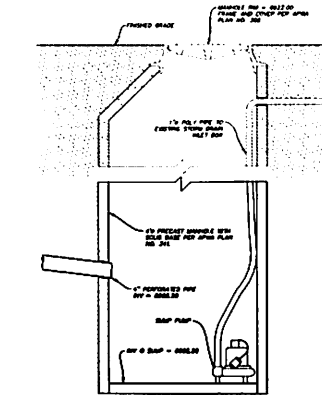
Precast manhole
187

341
Sheet 1 of 1

NO.	DESCRIPTION	QTY.	UNIT
1	CONCRETE RING	1	EA
2	CONCRETE COLLAR	1	EA
3	CONCRETE FILL	1	EA
4	CONCRETE RING	1	EA
5	CONCRETE COLLAR	1	EA
6	CONCRETE FILL	1	EA
7	CONCRETE RING	1	EA
8	CONCRETE COLLAR	1	EA
9	CONCRETE FILL	1	EA
10	CONCRETE RING	1	EA
11	CONCRETE COLLAR	1	EA
12	CONCRETE FILL	1	EA
13	CONCRETE RING	1	EA
14	CONCRETE COLLAR	1	EA
15	CONCRETE FILL	1	EA
16	CONCRETE RING	1	EA
17	CONCRETE COLLAR	1	EA
18	CONCRETE FILL	1	EA
19	CONCRETE RING	1	EA
20	CONCRETE COLLAR	1	EA
21	CONCRETE FILL	1	EA

Direct bearing thrust block
287

581

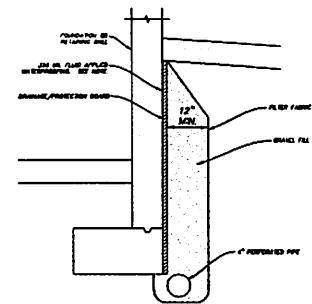


FOOTING DRAIN SUMP DETAIL
SCALE: 1/2" = 1'-0"

LANDSCAPE AREA

Cover collar for water valve box
277

574



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

Approved for Construction (with
SEAL) BY THE ARCHITECT



NOT FOR CONSTRUCTION (WITH
SEAL) BY THE ARCHITECT

POWDER MOUNTAIN
5752 N COPPER CREST
EDEN, UT 84310

SHEET TITLE
DETAILS

NO.	DESCRIPTION	QTY.	UNIT
1	CONCRETE RING	1	EA
2	CONCRETE COLLAR	1	EA
3	CONCRETE FILL	1	EA
4	CONCRETE RING	1	EA
5	CONCRETE COLLAR	1	EA
6	CONCRETE FILL	1	EA
7	CONCRETE RING	1	EA
8	CONCRETE COLLAR	1	EA
9	CONCRETE FILL	1	EA
10	CONCRETE RING	1	EA
11	CONCRETE COLLAR	1	EA
12	CONCRETE FILL	1	EA

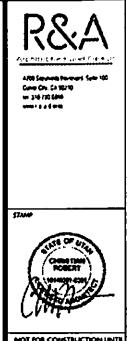
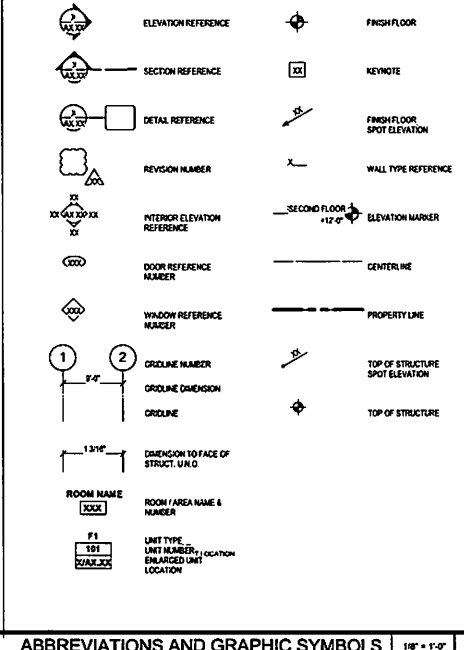
The architect, engineer, etc., shall be responsible for the accuracy of the data and information furnished. It is the responsibility of the contractor to verify the accuracy of the data and information furnished. The contractor shall be responsible for the accuracy of the data and information furnished. The contractor shall be responsible for the accuracy of the data and information furnished. The contractor shall be responsible for the accuracy of the data and information furnished.

JOB NO.
236
DATE
06/27/17
SCALE
N/A
SHEET NO.
C504

02/27/2017 4:43 PM

MAX. # THIS SHEET IS NOT 30" x 42" IF A REDUCED PRINT

A	AND	HO	HOSE HUB	SL	SLOPE
A1	ANGLE OF LESS THAN	HOC	HOLLOW CORE	SLD	SEE LAYOUT DIMENSIONS
A2	ANGLE OF MORE THAN	HOD	HOLLOW DRAIN PIPE	SLD	SEE LAYOUT DIMENSIONS
A3	ANGLE OF MORE THAN	HOF	HOLLOW FLOOR	SLD	SPECIAL FINISHES
A4	ANGLE OF MORE THAN	HOG	HOLLOW GROUND	SLD	SEE LAYOUT DIMENSIONS
A5	ANGLE OF MORE THAN	HOP	HOLLOW PIPE	SLD	SEE LAYOUT DIMENSIONS
A6	ANGLE OF MORE THAN	HOS	HOLLOW SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A7	ANGLE OF MORE THAN	HOT	HOT TAP	SLD	SEE LAYOUT DIMENSIONS
A8	ANGLE OF MORE THAN	HOU	HOLLOW OUTLET	SLD	SEE LAYOUT DIMENSIONS
A9	ANGLE OF MORE THAN	HOV	HOLLOW VALVE	SLD	SEE LAYOUT DIMENSIONS
A10	ANGLE OF MORE THAN	HOW	HOLLOW WORK	SLD	SEE LAYOUT DIMENSIONS
A11	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A12	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A13	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A14	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A15	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A16	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A17	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A18	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A19	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A20	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A21	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A22	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A23	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A24	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A25	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A26	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A27	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A28	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A29	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A30	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A31	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A32	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A33	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A34	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A35	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A36	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A37	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A38	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A39	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A40	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A41	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A42	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A43	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A44	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A45	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A46	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A47	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A48	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A49	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A50	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A51	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A52	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A53	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A54	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A55	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A56	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A57	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A58	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A59	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A60	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A61	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A62	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A63	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A64	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A65	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A66	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A67	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A68	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A69	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A70	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A71	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A72	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A73	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A74	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A75	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A76	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A77	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A78	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A79	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A80	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A81	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A82	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A83	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A84	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A85	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A86	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A87	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A88	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A89	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A90	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A91	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS
A92	ANGLE OF MORE THAN	HPC	HOLLOW PIPE CONNECTION	SLD	SEE LAYOUT DIMENSIONS
A93	ANGLE OF MORE THAN	HPE	HOLLOW PIPE END	SLD	SEE LAYOUT DIMENSIONS
A94	ANGLE OF MORE THAN	HPI	HOLLOW PIPE INSULATION	SLD	SEE LAYOUT DIMENSIONS
A95	ANGLE OF MORE THAN	HPL	HOLLOW PIPE LIFT	SLD	SEE LAYOUT DIMENSIONS
A96	ANGLE OF MORE THAN	HPS	HOLLOW PIPE SCHEDULE	SLD	SEE LAYOUT DIMENSIONS
A97	ANGLE OF MORE THAN	HPT	HOLLOW PIPE TAP	SLD	SEE LAYOUT DIMENSIONS
A98	ANGLE OF MORE THAN	HPU	HOLLOW PIPE UNION	SLD	SEE LAYOUT DIMENSIONS
A99	ANGLE OF MORE THAN	HPV	HOLLOW PIPE VALVE	SLD	SEE LAYOUT DIMENSIONS
A100	ANGLE OF MORE THAN	HPW	HOLLOW PIPE WORK	SLD	SEE LAYOUT DIMENSIONS



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

GRAPHIC SYMBOLS AND ABBREVIATIONS

No.	Description	Date
1	REVISION	07/14/17
2	REVISION	07/14/17

DATE	06/27/17
SCALE	1/8" = 1'-0"
SHEET NO.	236
A00.02	

GROSS BUILDING AREAS SCHEDULE	
LEVEL	AREA
LEVEL 1,1	11,534 SF
LEVEL 2	10,232 SF
LEVEL 3,1	9,927 SF
LEVEL 4	8,864 SF
ROOF LEVEL	4,064 SF
	44,200 SF

APPLICABLE CODES

AS PER UTAH OFFICIAL, SUBJECT TO THE OTHER PROVISIONS OF THIS PART, THE FOLLOWING CONSTRUCTION CODES ARE INCORPORATED BY REFERENCE, AND TOGETHER WITH THE AMENDMENTS SPECIFIED IN CHAPTER 3, PART 1, STATEWIDE AMENDMENTS TO INTERNATIONAL PLUMBING CODE, AND CHAPTER 4, LOCAL AMENDMENTS INCORPORATED AS PART OF STATE CONSTRUCTION CODE, ARE THE CONSTRUCTION STANDARDS TO BE APPLIED TO BUILDING CONSTRUCTION, ALTERATION, REMODELING, AND REPAIR, AND IN THE REGULATION OF BUILDING CONSTRUCTION, ALTERATION, REMODELING, AND REPAIR IN THE STATE.

- (A) 2015 INTERNATIONAL BUILDING CODE, INCLUDING APPENDIX J
- (B) 2015 INTERNATIONAL RESIDENTIAL CODE
- (C) 2015 INTERNATIONAL PLUMBING CODE
- (D) 2015 INTERNATIONAL MECHANICAL CODE
- (E) 2015 INTERNATIONAL FUEL GAS CODE
- (F) 2014 NATIONAL ELECTRICAL CODE ISSUED BY THE NATIONAL FIRE PROTECTION ASSOCIATION
- (G) 2015 INTERNATIONAL ENERGY CONSERVATION CODE
- (H) 2015 INTERNATIONAL EXISTING BUILDING CODE
- (I) SUBJECT TO SUBSECTION 15A-2-104(2) HUD CODE
- (J) SUBJECT TO SUBSECTION 15A-2-104(1) APPENDIX E OF 2015 INTERNATIONAL RESIDENTIAL CODE
- (K) 2008 ICC/ANSI A117.1 STANDARD FOR ACCESSIBILITY

PLUMBING FIXTURES CALCS

A-2 OCCUPANCY ON LEVEL 1, 2 & 3			
TOTAL OCCUPANT	170		
	MEN	WOMEN	
	85	85	
	REQ D	REQ D	
WATER CLOSET	2	3	
URINALS	1		
LAVATORIES	1	1	
DRINKING FOUNTAINS		1	

A-2 OCCUPANCY ON ROOF LEVEL			
TOTAL OCCUPANT	89		
	MEN	WOMEN	
	45	45	
	REQ D	REQ D	
WATER CLOSET	1	2	
URINALS	1		
LAVATORIES	1	1	
DRINKING FOUNTAINS		1	

PROVIDED AS REQUIRED

PROJECT SUMMARY

PROJECT SUMMARY

5 STORY ABOVE GRADE MULTI-HOUSING, RETAIL AND RESTAURANT PROJECT

ADDRESS: 5752 N. COPPER CREST, EDEN, UTAH 84310

LAND USE ZONING:

DEFERRED SUBMITTALS

THE FOLLOWING ITEMS ARE DESIGN BUILD AND ARE NOT A PART OF THIS PERMIT. THEY WILL BE SUBMITTED FOR PLAN CHECK AS REQUIRED DURING CONSTRUCTION BY THE CONTRACTOR. THESE DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL, WITH A NOTATION INDICATING THAT THE DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THESE SEPARATE ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE DEPARTMENT OF BUILDING AND SAFETY

1. WEST STANDPIPE
2. FIRE SPRINKLERS
3. FIRE ALARM AND LIFE SAFETY
4. ELEVATORS
5. PRE-FABRICATED STAIRS WHERE OCCUR
6. GLAZING AND SKYLIGHTS
7. SHOWER
8. WINDOW CLEANING SYSTEMS AND TIE BACKS
9. COMPACTION GROUTING

BUILDING CODE INFORMATION

OCCUPANCIES:

MIXED USE:
 RESIDENTIAL UNITS GROUP R-2
 WHISKEY BAR, RESID LOUNGE, RESTAURANT, ROOF LEVEL EVENT SPACE GROUP A-2
 MEP S-1
 STORAGE GROUP S-2
 RETAIL GROUP M
 DISTILLERY INCIDENTAL USE TO A-2
 9.45 % OF BUILDING AREA OF STORY IN WHICH IT IS LOCATED
 ALLOWED AS PER IBC 509.2

TOTAL GROSS BUILDING AREA 44,351 SF
 BUILDING IS COMPOSED OF 3 STORY TYPE V-B OVER 2 STORY TYPE I-A BUILT USING SPECIAL PROVISION IBC 510.2

FROM LEVEL 1 TO LEVEL UP TO 3 AND 3.1 FLOOR SLABS:

CONSTRUCTION TYPE I-A,
 POURED IN PLACE CONCRETE SLAB AND PRIMARY STRUCTURE 1 STORY HEIGHT
 BUILDINGS SEPARATED WITH HORIZONTAL ASSEMBLY HAVING FIRE RESISTANCE RATING OF NOT LESS THAN 3 HOURS

FROM LEVEL ABOVE LEVEL 3 SLAB TO TOP OF ROOF:

TYPE V-B - FULLY SPRINKLERED (NFPA113) (CONCEALED HEADS)
 R-2 TIMBER FRAME CONDOLAMINUMS

TABLE 503 - ALLOWABLE BUILDING HEIGHT AND AREAS:

OCCUPANCY A-2 TYPE V-B HEIGHT:
 MAX HEIGHT = 40'
 MAX STORES ABOVE GRADE PLANE (AS PER 510.2 THIS IS ABOVE "LEVEL 3" SLAB) = 2
 AUTOMATIC SPRINKLER SYSTEM INCREASE FOR MAX HEIGHT AND NUMBER OF STORES AS PER 504.2

HEIGHT = 20' + 80' TOTAL
 NO. OF STORES = 1 + 3 STORES TOTAL

PROPOSED HEIGHT = 56'-4"
 PROPOSED NO. OF STORES = 3

MAX ALLOWABLE AREA:

Aa = 21,000 + (7,000 x 0) x 3 = 63,000 SF

PROPOSED MAX. AREA PER FLOOR = 11,664 SF

TABLE 501

FIRE RESISTANCE RATING REQUIREMENTS PER TYPE

	TYPE I-A	TYPE V-B
STRUCTURE:	1 HR	0
BEARING WALLS	2 HR	0
NON BEARING WALLS		
AND PARTITION INTERIOR FLOOR CONSTRUCTION AND SECONDARY MEMBERS:	SEE TABLE 602	1 HR BETWEEN DWELL UNITS
ROOF CONSTRUCTION AND SECONDARY MEMBERS:	2 HR	1 HR BETWEEN DWELL UNITS
	1 HR	0

BUILDING FULLY SPRINKLERED, AUTOMATIC SYSTEM THROUGHOUT PER 503.1
 PROVIDE FIRE ALARM SYSTEM PER SECTION 907.
 PROVIDE APPROVED CLASS 1 STANDPIPE SYSTEM AS SET FORTH IN BUILDING CODE AND FIRE CODE 505.

SHAFT RATINGS
 PER 713 & 24HR FIRE RESISTANCE RATING WHERE CONNECTING FOUR STORES OR MORE

GRADE PLANE CALCULATION:

8.819 SF + 8.421 SF + 8.822 SF + 8.835 SF + 34,499.92 SF + 8,824.88 SF



NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

SHEET TITLE

AREA CALCS & CODE ANALYSIS

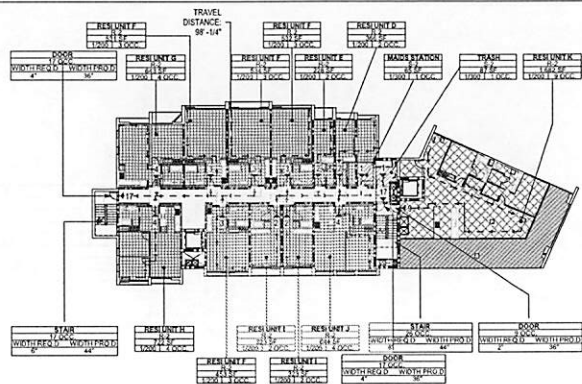
No.	Description	Date
1	ISSUED FOR FOUNDATION PERMIT	05/17/17

THE ARCHITECT/ENGINEER/EXPERIMENTAL DESIGNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE ARCHITECT/ENGINEER/EXPERIMENTAL DESIGNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE ARCHITECT/ENGINEER/EXPERIMENTAL DESIGNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREON.

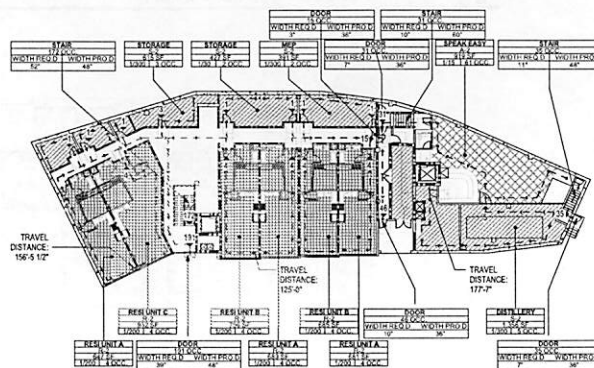
DATE: 06/27/17
 SCALE:
 SHEET NO:

236
 A01.01

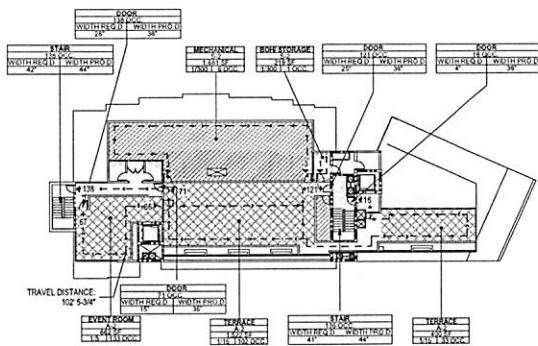
07/20/2017 11:20:01 AM



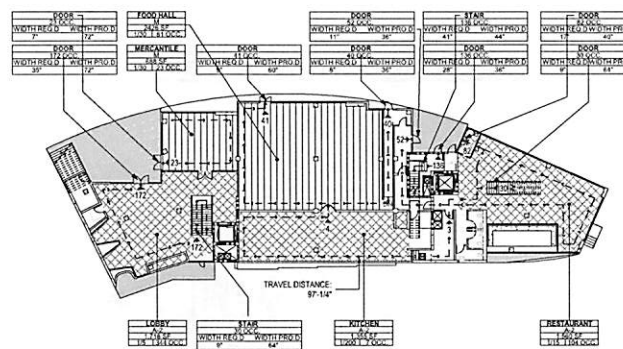
LEVEL 4 OCCUPANCY 1" = 20'-0" 4



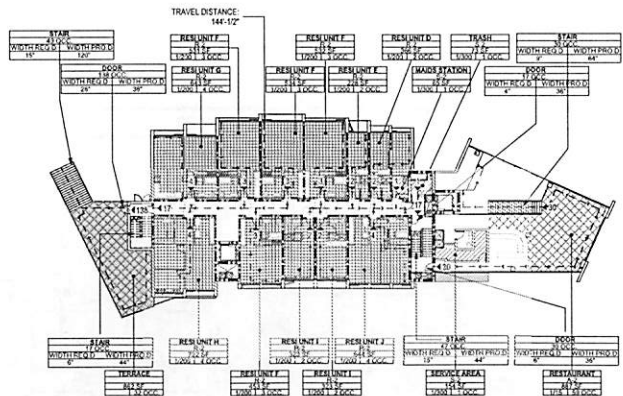
LEVEL 1.1 OCCUPANCY 1" = 20'-0" 1



ROOF LEVEL OCCUPANCY 1" = 20'-0" 5

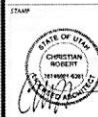


LEVEL 2 OCCUPANCY 1" = 20'-0" 2



LEVEL 3.1 OCCUPANCY 1" = 20'-0" 3

NOTE:
EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE, PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT (BUILDING CODE 1504.3, FIRE CODE 1004.3)



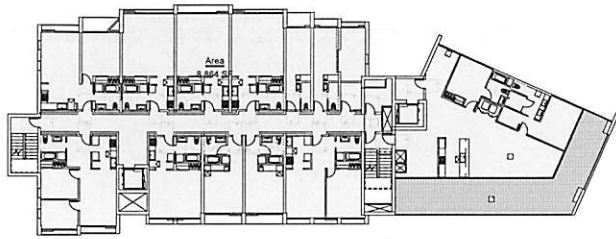
NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

SHEET TITLE
CODE ANALYSIS
PLANS

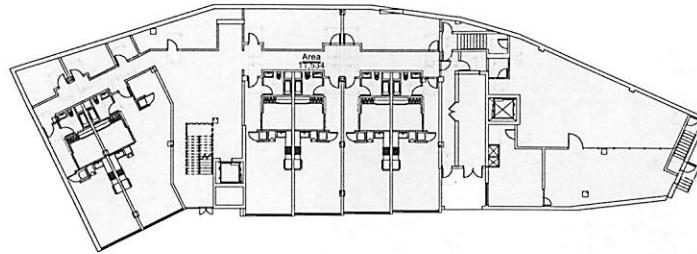
No.	Description	Date
1	ISSUED FOR PERMITS	05/17/17

THE DESIGN PROFESSIONAL HAS REVIEWED THESE PLANS AND SPECIFICATIONS AND HAS FOUND THEM TO BE IN ACCORDANCE WITH THE BUILDING CODES AND REGULATIONS OF THE STATE OF UTAH. THE DESIGN PROFESSIONAL HAS NOT CONDUCTED A VISUAL SURVEY OF THE SITE OR THE EXISTING CONDITIONS AT THE PROJECT LOCATION. THE DESIGN PROFESSIONAL HAS NOT CONDUCTED A VISUAL SURVEY OF THE PROJECT LOCATION. THE DESIGN PROFESSIONAL HAS NOT CONDUCTED A VISUAL SURVEY OF THE PROJECT LOCATION. THE DESIGN PROFESSIONAL HAS NOT CONDUCTED A VISUAL SURVEY OF THE PROJECT LOCATION.

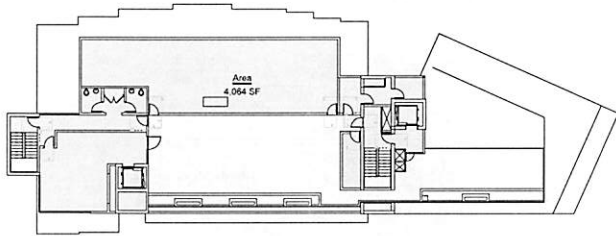
DATE: 06/27/17
SCALE: 1" = 20'-0"
SHEET NO: 236



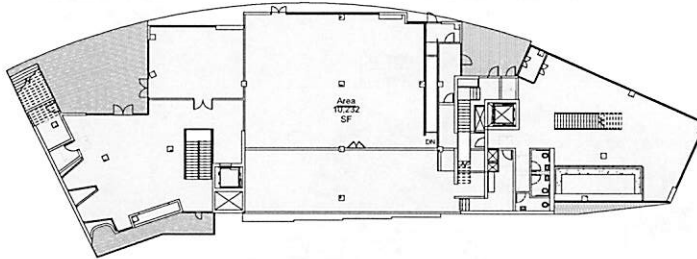
LEVEL 4 GROSS AREA PLAN 1/16" = 1'-0" 4



LEVEL 1 GROSS AREA PLAN 1/16" = 1'-0" 1

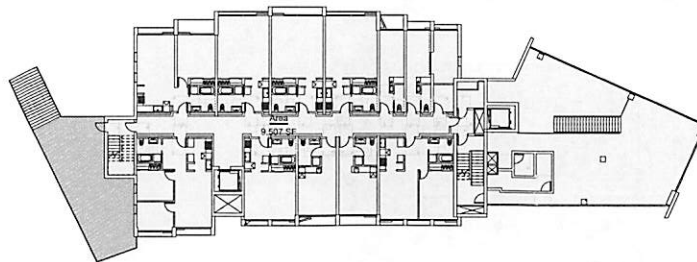


ROOF LEVEL GROSS AREA PLAN 1/16" = 1'-0" 5



LEVEL 2 GROSS AREA PLAN 1/16" = 1'-0" 2

GROSS BUILDING AREAS SCHEDULE	
LEVEL	AREA
LEVEL 1 1	11,534 SF
LEVEL 2	10,232 SF
LEVEL 3 1	9,507 SF
LEVEL 4	8,664 SF
ROOF LEVEL	4,064 SF
	44,200 SF



LEVEL 3 GROSS AREA PLAN 1/16" = 1'-0" 3

Building Area Legend

□ Gross Building Area



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

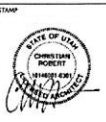
SHEET TITLE
GROSS AREA PLANS

NO.	DESCRIPTION	DATE
1	ISSUED FOR FOUNDATION PERMIT	03/17/17

THE ABOVE DRAWING REPRESENTS THE DESIGN OF THE PROJECT AS SHOWN AND DOES NOT REPRESENT THE AS-BUILT CONDITIONS. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN AND DOES NOT INCLUDE THE AS-BUILT CONDITIONS. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN AND DOES NOT INCLUDE THE AS-BUILT CONDITIONS. THE ARCHITECT'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN AND DOES NOT INCLUDE THE AS-BUILT CONDITIONS.

236
DATE 06/27/17
SCALE 1/16" = 1'-0"
SHEET NO.





NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

SHEET TITLE
AREA PLANS

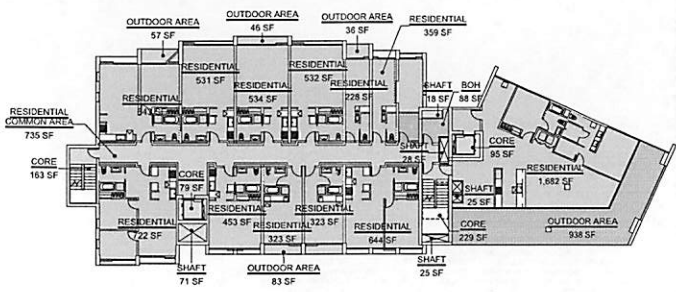
No.	Description	Date
1	ISSUED FOR PERMITS (R-1)	05/17/17

THE USER OF THESE PLANS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.

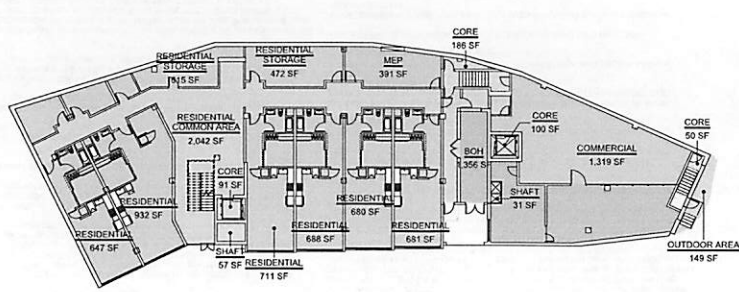
DATE: 06/27/17
SCALE: 1/16" = 1'-0"
SHEET NO.: 236
A01.04

Rentable Area Legend

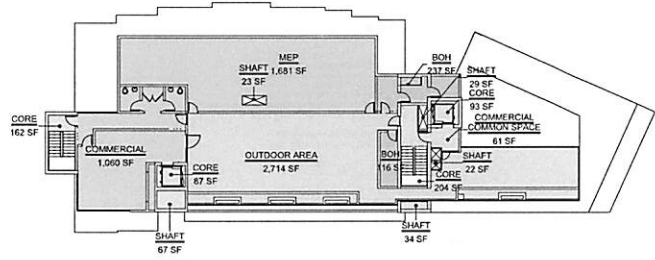
- BOH
- COMMERCIAL
- CORE
- MEP
- OUTDOOR AREA
- RESIDENTIAL
- RESIDENTIAL COMMON AREA
- RESIDENTIAL STORAGE
- SHAFT



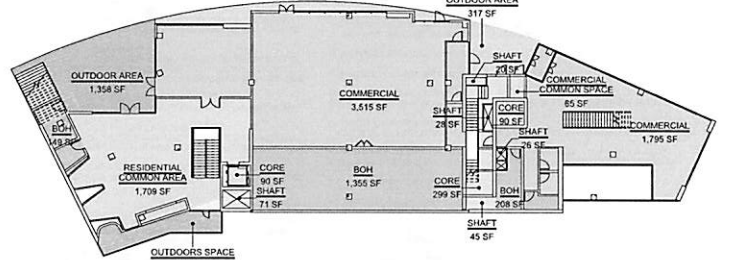
LEVEL 4 AREA PLAN | 1/16" = 1'-0" | 4



LEVEL 1 AREA PLAN | 1/16" = 1'-0" | 1



ROOF LEVEL AREA PLAN | 1/16" = 1'-0" | 5



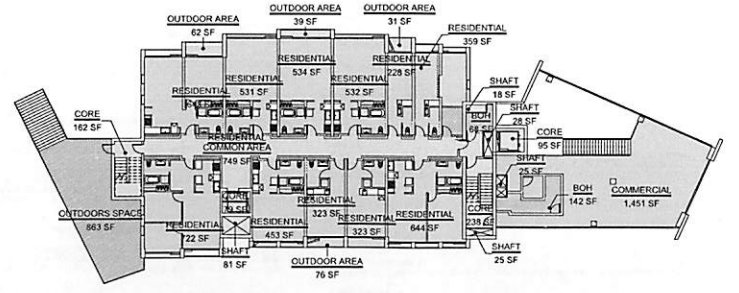
LEVEL 2 AREA PLAN | 1/16" = 1'-0" | 2

AREA RENTABLE_COMMERCIAL	
LEVEL	AREA
LEVEL 1.1	1,319 SF
LEVEL 2.3	5,375 SF
LEVEL 3.1	1,451 SF
ROOF LEVEL	1,121 SF
	9,267 SF

AREA RENTABLE_RESIDENTIAL	
LEVEL	AREA
LEVEL 1.1	932 SF
LEVEL 1.1	688 SF
LEVEL 1.1	647 SF
LEVEL 1.1	711 SF
LEVEL 1.1	681 SF
LEVEL 1.1	680 SF
LEVEL 3.1	534 SF
LEVEL 3.1	722 SF
LEVEL 3.1	323 SF
LEVEL 3.1	540 SF
LEVEL 3.1	531 SF
LEVEL 3.1	532 SF
LEVEL 3.1	228 SF
LEVEL 3.1	359 SF
LEVEL 3.1	323 SF
LEVEL 3.1	453 SF
LEVEL 3.1	644 SF
LEVEL 4	1,582 SF
LEVEL 4	534 SF
LEVEL 4	722 SF
LEVEL 4	323 SF
LEVEL 4	540 SF
LEVEL 4	531 SF
LEVEL 4	532 SF
LEVEL 4	228 SF
LEVEL 4	359 SF
LEVEL 4	323 SF
LEVEL 4	453 SF
LEVEL 4	644 SF
LEVEL 4	16,604 SF

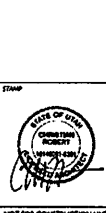
RESIDENTIAL UNITS TOTAL AREAS	
Level	AREA
LEVEL 1.1	4,340 SF
LEVEL 3.1	5,291 SF
LEVEL 4	5,973 SF
Grand total	16,604 SF

RESIDENTIAL STORAGE TOTAL AREA	
Level	AREA
LEVEL 1.1	1,087 SF
Total	1,087 SF



LEVEL 3 AREA PLAN | 1/16" = 1'-0" | 3

ADDITIONAL SPECIFICATION... 1. REQUIREMENTS... 2. ACCESSIBILITY... 3. ENTRANCES... 4. PLANNING... 5. CLEARANCES... 6. ADJUSTMENTS... 7. ENTRANCES... 8. PLANNING... 9. CLEARANCES... 10. ADJUSTMENTS... 11. ENTRANCES... 12. PLANNING... 13. CLEARANCES... 14. ADJUSTMENTS... 15. ENTRANCES... 16. PLANNING... 17. CLEARANCES... 18. ADJUSTMENTS... 19. ENTRANCES... 20. PLANNING... 21. CLEARANCES... 22. ADJUSTMENTS... 23. ENTRANCES... 24. PLANNING... 25. CLEARANCES... 26. ADJUSTMENTS... 27. ENTRANCES... 28. PLANNING... 29. CLEARANCES... 30. ADJUSTMENTS... 31. ENTRANCES... 32. PLANNING... 33. CLEARANCES... 34. ADJUSTMENTS... 35. ENTRANCES... 36. PLANNING... 37. CLEARANCES... 38. ADJUSTMENTS... 39. ENTRANCES... 40. PLANNING... 41. CLEARANCES... 42. ADJUSTMENTS... 43. ENTRANCES... 44. PLANNING... 45. CLEARANCES... 46. ADJUSTMENTS... 47. ENTRANCES... 48. PLANNING... 49. CLEARANCES... 50. ADJUSTMENTS...



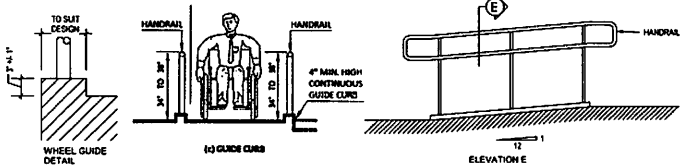
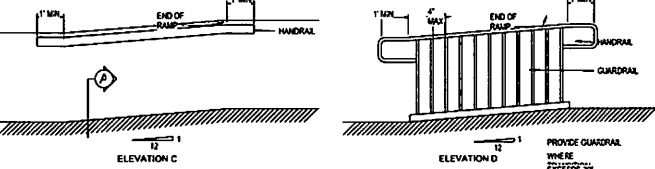
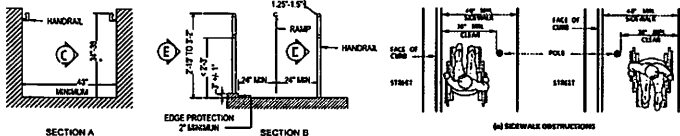
NOT FOR CONSTRUCTION UTILS... AT THE DISCRETION

POWDER MOUNTAIN - PARCEL 2C

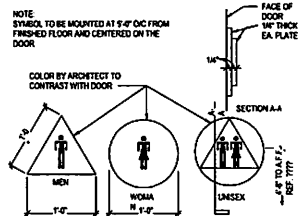
5752 N. Copper Crest
Eden, UT 84310

ACCESSIBILITY NOTES (HOUSING I)

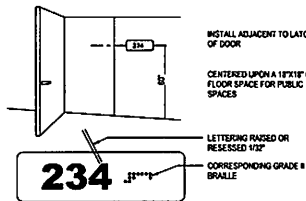
Table with 4 columns: No., Description, Date, and Rev. It lists various accessibility notes and their revision dates.



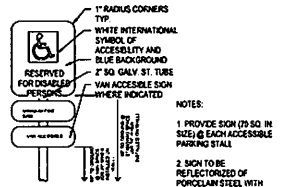
RAMP RAILING 12" = 1'-0" 15



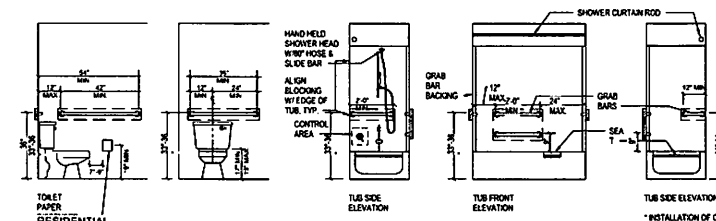
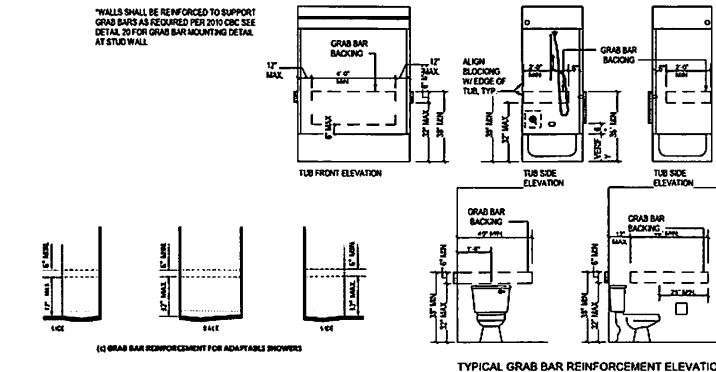
SANITARY FACILITY SYMBOL N.T.S. 10



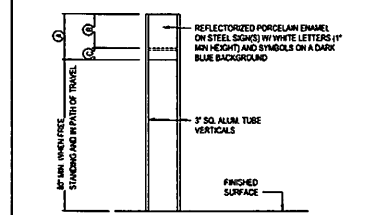
INTERIOR SIGN N.T.S. 9



ACCESSIBLE PARKING SIGN 8



GRAB BAR ELEVATIONS & CLEARANCES, TOILET, TUB & LABATORY SINK 1/8" = 1'-0" 5



ADA11_ACCESS SIGN CUSTOM N.T.S. 14



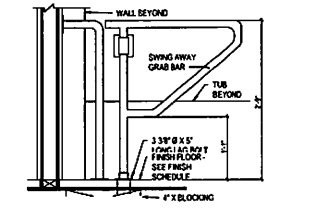
ADA PARKING SIGN N.T.S. 13

NON ADA WALK STRIPING N.T.S. 11

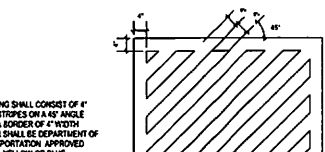
PARKING STRIPING DETAIL N.T.S. 6

DOUBLE PARKING STALLS N.T.S. 3

SGL STALL H.C. ACCESSIBLE N.T.S. 1



GRAB BAR SWING 1/8" = 1'-0" 7



GRAB BAR MOUNTING N.T.S. 4

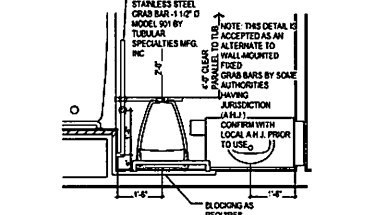


GRAB BAR N.T.S. 2

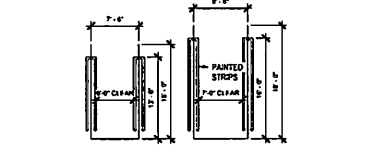
GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1



GRAB BAR MOUNTING N.T.S. 4



GRAB BAR N.T.S. 2

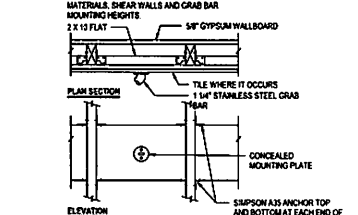


GRAB BAR N.T.S. 1

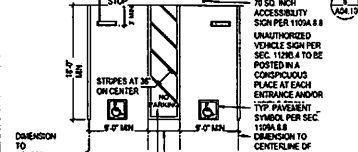
GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1

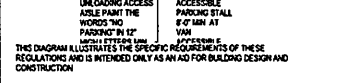
GRAB BAR N.T.S. 1



GRAB BAR MOUNTING N.T.S. 4



GRAB BAR N.T.S. 2

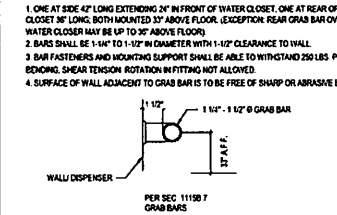


GRAB BAR N.T.S. 1

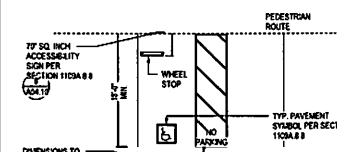
GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1



GRAB BAR N.T.S. 2



GRAB BAR N.T.S. 1

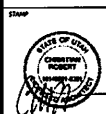


GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1

GRAB BAR N.T.S. 1

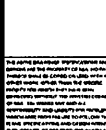


NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

PROJECT TITLE
ACCESSIBILITY
DETAILS

No.	Description	Date	Revised
1	PROJECT FOR FOUNDATION	06/27/17	17



DATE 06/27/17

SCALE As Indicated

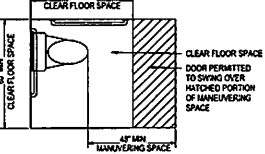
SHEET 236

PROJECT A04.10

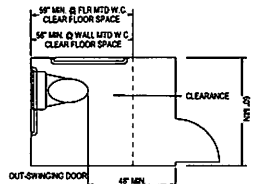
COPYRIGHT 11/21/10 AIA

CLEARANCES AT WATER CLOSETS

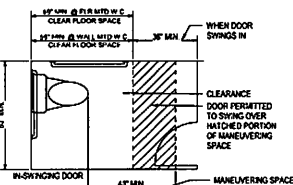
ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLICLY FUNDED HOUSING



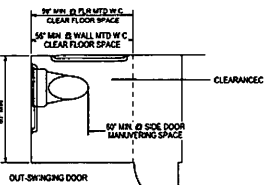
(b) CLEARANCES AT WATER CLOSET



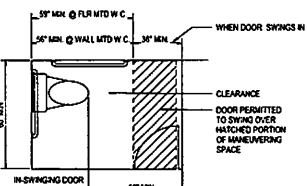
(c) CLEARANCES AT WATER CLOSET IN COMPARTMENT WITH OUT-SWINGING END-OPENING DOOR



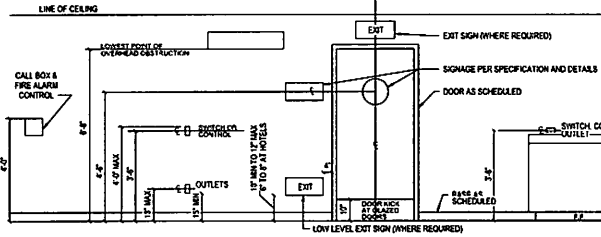
(d) CLEARANCES AT WATER CLOSET IN COMPARTMENT WITH IN-SWINGING END-OPENING DOOR



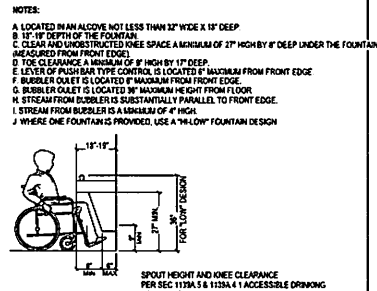
(e) CLEARANCES AT WATER CLOSET IN COMPARTMENT WITH OUT-SWINGING SIDE-OPENING DOOR



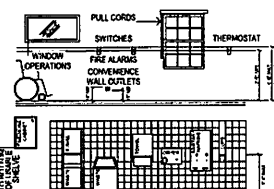
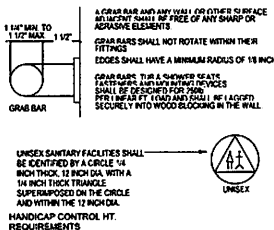
(f) CLEARANCES AT WATER CLOSET IN COMPARTMENT WITH IN-SWINGING SIDE-OPENING DOOR



EQUIPMENT ELEVATIONS 1/8" = 1'-0" 6



LAVATORY CLEARANCE N.T.S. 5

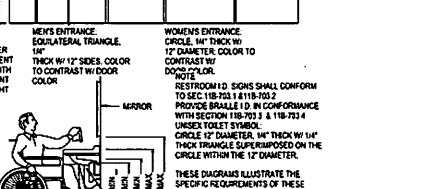
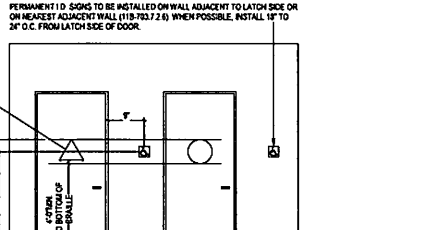


WHERE TOILET, SANITARY NAPKINS AND WASTE RECEPTACLES AND SIMILAR DISPENSERS AND SPECIAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE IS TO BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING CONTROLS, WITHIN 48 INCHES FROM THE FLOOR MOUNT MEASUREMENTS WITH THE BOTTOM EDGE NO MORE THAN 48 INCHES FROM THE FLOOR. CONTROLS SHALL BE 15 INCHES TO 48 INCHES FROM THE FLOOR.

FACILITY CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE PERMITTED. SELF-CLOSING DOORS SHALL BE PROVIDED. A MINIMUM OF 8 INCHES OF THE 48 INCHES OF CLEAR FLOOR SPACE REQUIRED AT THE FUTURE MAY EXTEND INTO THE TOILET SPACE.

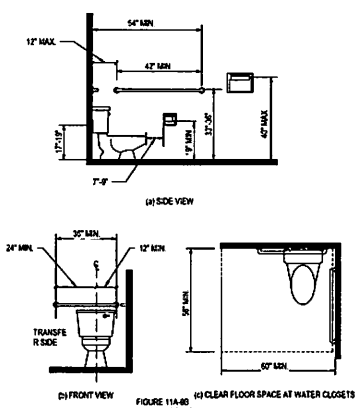
WALLS WITHIN WATER CLOSET COMPARTMENT SHALL HAVE A SMOOTH HARD NONABSORBENT SURFACE TO A HEIGHT NOT LESS THAN 48"

WATER CLOSET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLOOR VALVES SHALL BE MOUNTED ON THE INSIDE OF THE TOILET AREA NO MORE THAN 48 INCHES ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE PERMITTED.

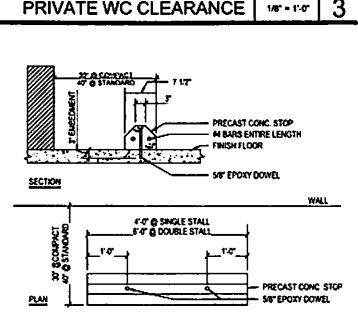


THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION. UNDER LAVATOIRES SHALL BE INSULATED OR OTHERWISE COVERED THERE SHALL BE NO SHARP OR AGGRESSIVE SURFACES.

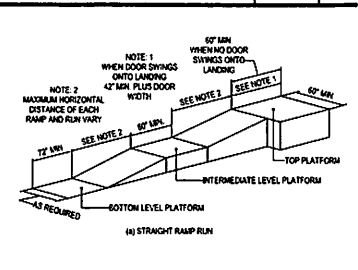
SINGLE ACCOMODATION TOILET STALL 1/8" = 1'-0" 4



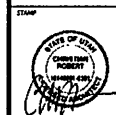
PRIVATE WC CLEARANCE 1/8" = 1'-0" 3



PRE-CAST WHEEL STOP N.T.S. 2



ADA RAMP N.T.S. 1



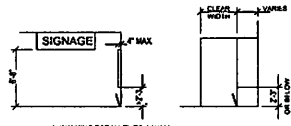
NOT FOR CONSTRUCTION WITHOUT REVIEW BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

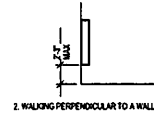
ACCESSIBILITY DETAILS

No.	Description	Revised For	Date
1	REVISION FOR PRELIM	06/27/17	

DATE: 06/27/17
SCALE: As Indicated
SHEET NO: 236



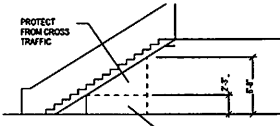
1. WALKING PARALLEL TO A WALL



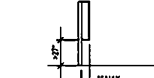
2. WALKING PERPENDICULAR TO A WALL



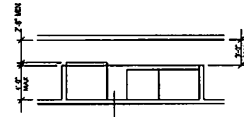
3. FREE-STANDING OVERHANGING OBJECTS



4. OVERHEAD HAZARDS

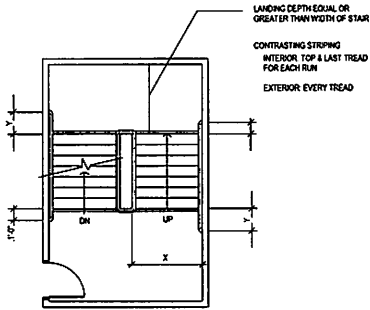


5. OBJECTS MOUNTED ON POSTS OR PILARS

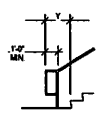


6. PROTECTION AROUND WALL MOUNTED OBJECTS

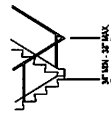
PROTRUDING OBJECTS 1/8" = 1'-0" **4**



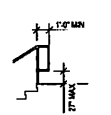
NOTES:
1. 36" x 48" MIN WIDTH SEE PLAN FOR ACTUAL DIMENSIONS
2. 1/4" WIDTH OF ONE TREAD PLUS 12"



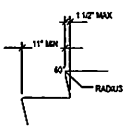
EXTENSION AT BOTTOM OF RUN



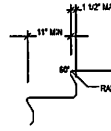
STAR HANDRAILS



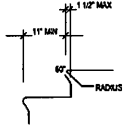
EXTENSION AT TOP OF RUN



FLUSH RISER

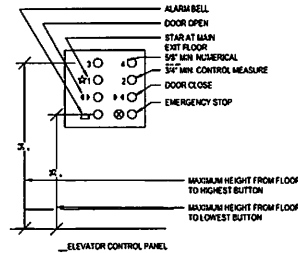


FLUSH RISER

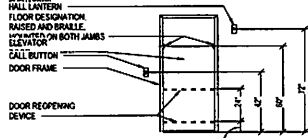


FLUSH RISER

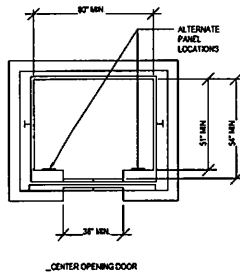
STAIRS 1/8" = 1'-0" **3**



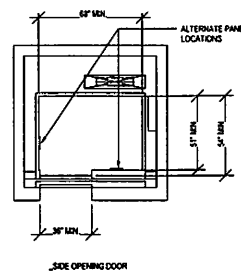
NOTE:
DIMENSIONS SHOWN DESCRIBE MINIMUM REQUIREMENTS ONLY. REFER TO CONSTRUCTION DOCUMENTS FOR SIZE & LOCATIONS OF SPECIFIC WALL LEXTERNS



ELEVATOR ENTRANCE

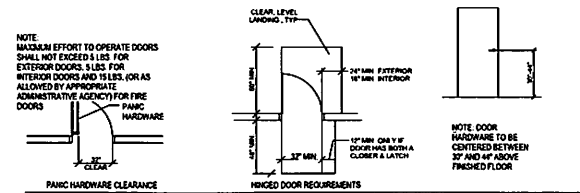


CENTER OPENING DOOR



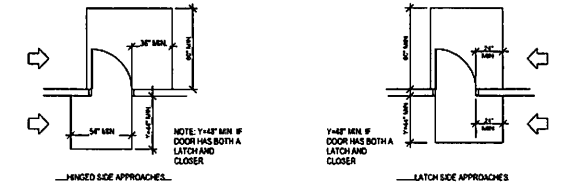
SIDE OPENING DOOR

ELEVATORS 1/8" = 1'-0" **2**



PANIC HARDWARE CLEARANCE

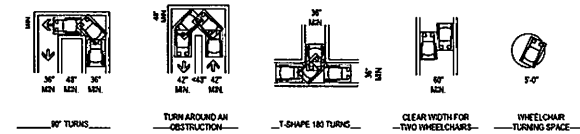
HINGED DOOR REQUIREMENTS



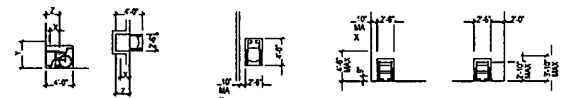
HINGED SIDE APPROACHES

LATCH SIDE APPROACHES

DOORWAY REQUIREMENTS



WHEELCHAIR TURNING REQUIREMENTS IN AN ACCESSIBLE ROUTE

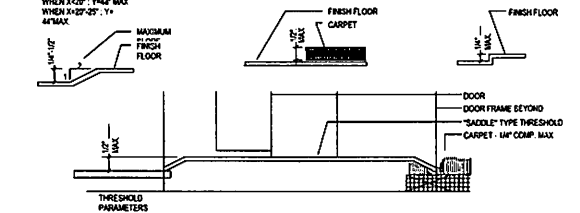


14. MAX. FORWARD REACH OVER AN OBSTRUCTION

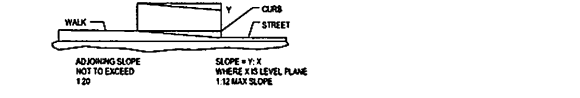
15. CLEAR FLOOR SPACE PARALLEL APPROACH

16. HIGH & LOW SIDE RECH

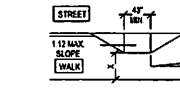
17. SIDE REACH OVER AN OBSTRUCTION



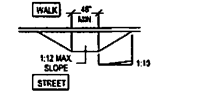
CHANGES OF ELEVATION ALONG ACCESSIBLE ROUTE



CURB RAMP (SECTION)



CURB RAMP WITH FLARED SIDES (PLAN)



BUILT-UP CURB RAMP PLAN

ACCESSIBLE ROUTE 1/8" = 1'-0" **1**



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

ACCESSIBILITY DETAILS

No.	Description	Date
1	PROVIDED FOR PARCEL 2C PER IBC 2010	06/27/17

DATE: 06/27/17

SCALE: 1/8" = 1'-0"

SHEET NO: 236

DATE: 06/27/17

SCALE: 1/8" = 1'-0"

SHEET NO: 236

DATE: 06/27/17

SCALE: 1/8" = 1'-0"

SHEET NO: 236

A04.12



NOT FOR CONSTRUCTION LEVEL
 POWERED BY THE ASSESSMENT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

SURVEY PLAN

NO.	DESCRIPTION	DATE
1	PRELIMINARY SURVEY PLAN	06/27/17

THIS SURVEY PLAN IS A PRELIMINARY DESIGN AND SHOULD NOT BE USED FOR CONSTRUCTION. THE SURVEYOR'S RESPONSIBILITY IS LIMITED TO THE ACCURACY OF THE SURVEY DATA AND THE CLARITY OF THE SURVEY PLAN. THE USER OF THIS SURVEY PLAN IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF THE SURVEY DATA. THE SURVEYOR'S LIABILITY IS LIMITED TO THE COST OF THE SURVEY AND THE COST OF CORRECTING THE SURVEY PLAN. THE SURVEYOR'S LIABILITY DOES NOT EXTEND TO ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS SURVEY PLAN.

DATE: 06/27/17
 SCALE: 1" = 50'-0"
 SHEET NO: 1

PRELIMINARY
 NOT FOR CONSTRUCTION



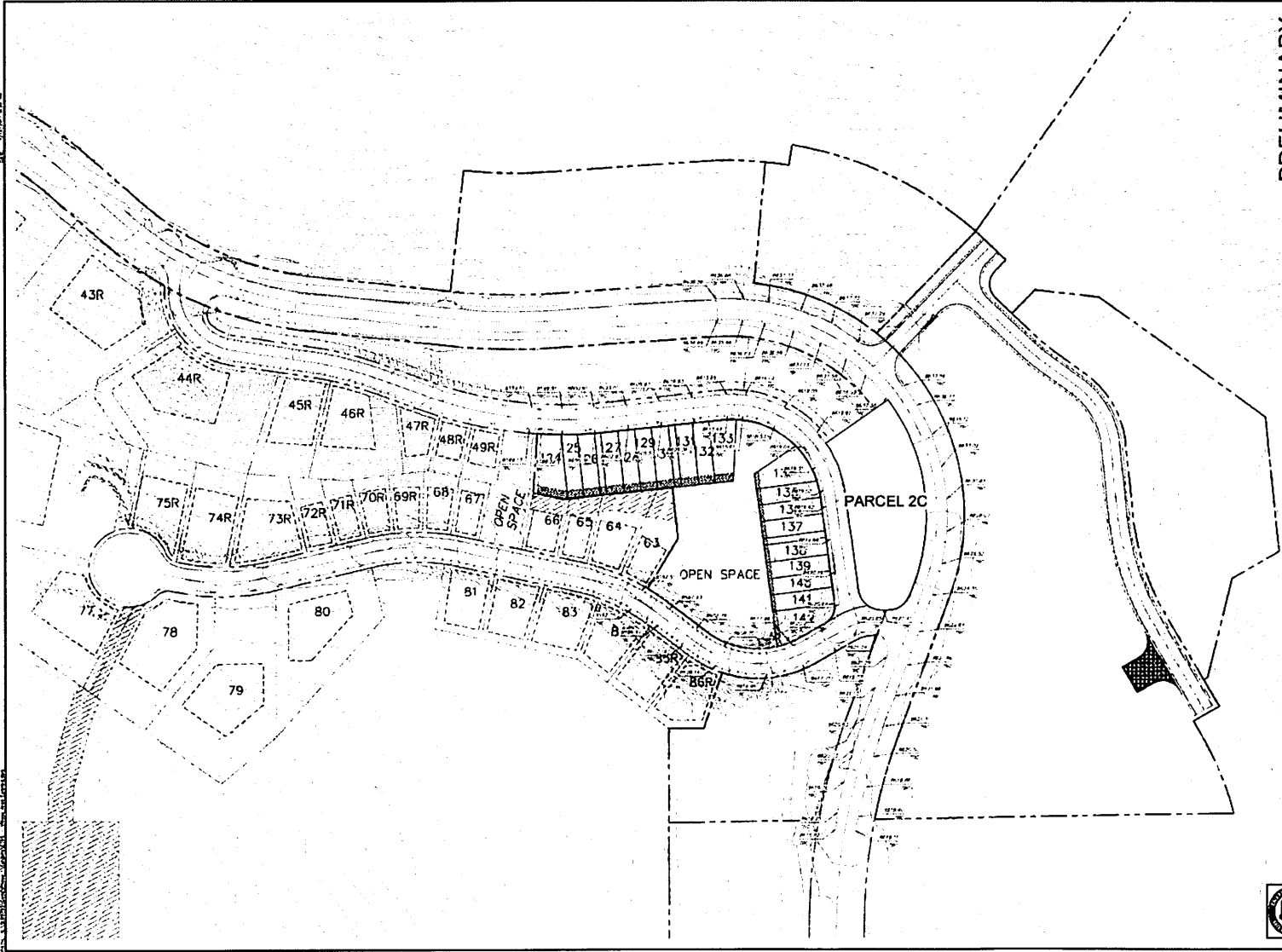
TALISMAN
 100 SOUTH STATE STREET
 SUITE 200
 SALT LAKE CITY, UT 84111
 801.462.1000

NO.	DESCRIPTION	DATE
1	PRELIMINARY SURVEY PLAN	06/11/2017

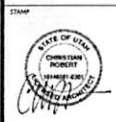
POWDER MOUNTAIN VILLAGE AREA
 EXISTING CONDITIONS
 PLANNING MAP
 TCC JOB NUMBER: 17-200
 DATE SUBMITTED: 06/11/2017



ET65

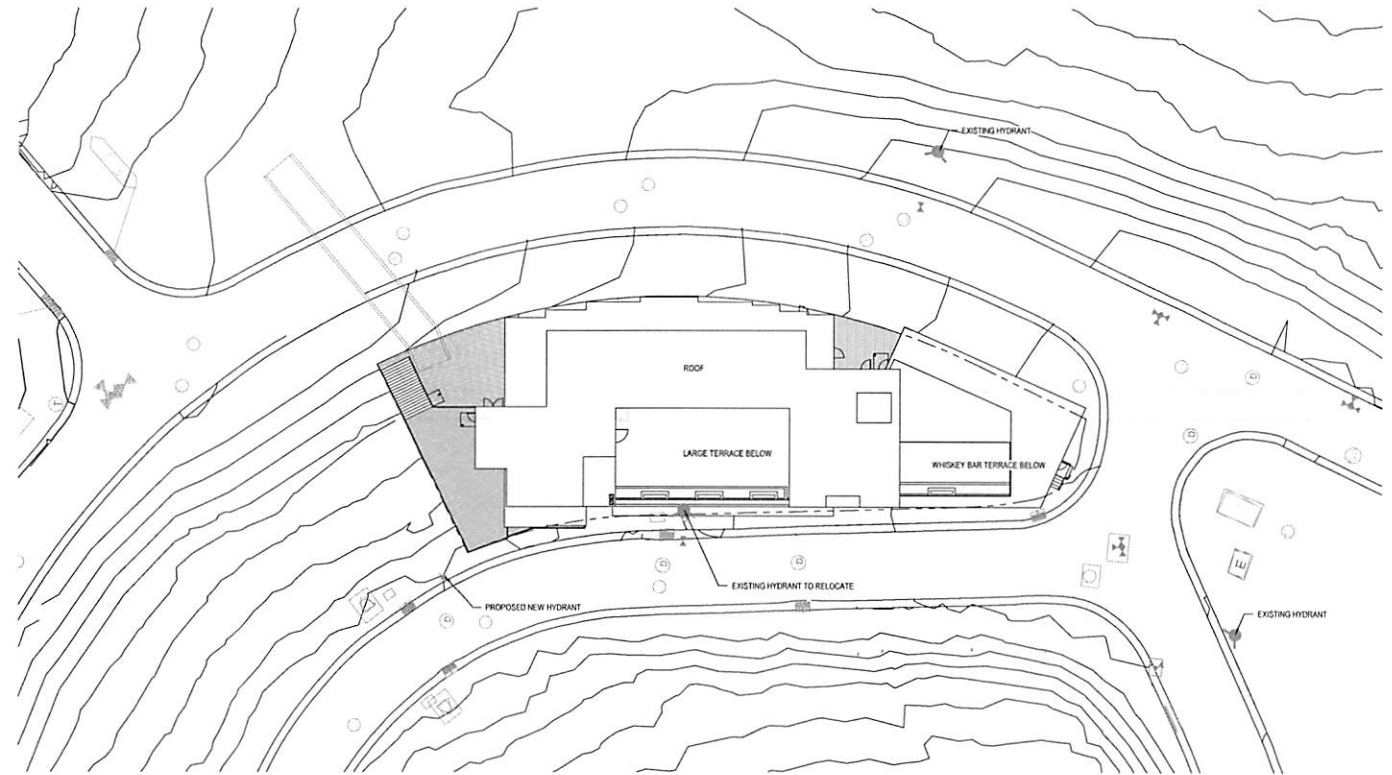


FOR REFERENCE ONLY - NOT TO SCALE



NOT FOR CONSTRUCTION UNLESS
 SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310



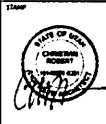
SITE PLAN

No.	Description	Date
17	ISSUED FOR FOUNDATION PERMIT	07/10/17

THE ABOVE DESCRIBED REPRESENTATION AND CONTENTS OF THIS SHEET ARE THE PROPERTY OF R&A ARCHITECTURE AND ENGINEERING. NO PART OF THIS SHEET IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF R&A ARCHITECTURE AND ENGINEERING. THIS SHEET IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON THIS SHEET. ANY OTHER USE IS STRICTLY PROHIBITED. THE USER OF THIS SHEET SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

DATE: 06/27/17
 SCALE: 1/16" = 1'-0"
 SHEET NO.: 236





NOT FOR CONSTRUCTION UNTIL APPROVED BY THE ARCHITECT.

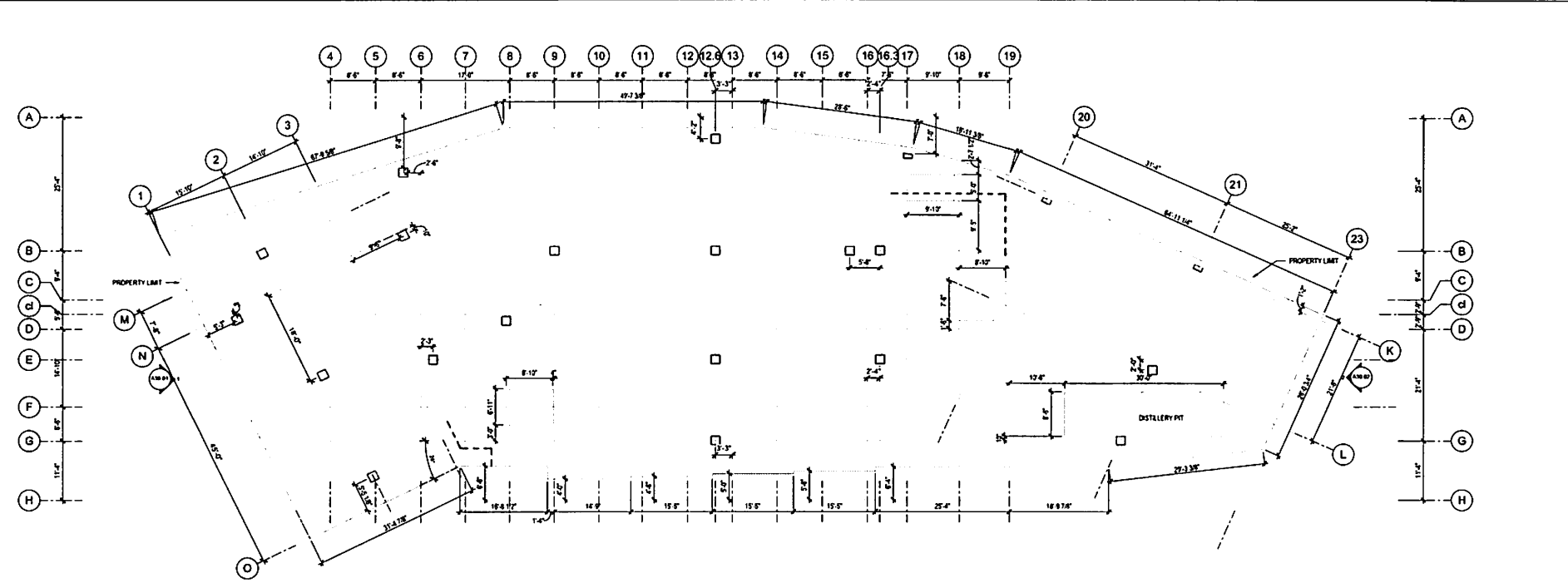
POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

GRID CONTROL PLAN & SLAB PLAN

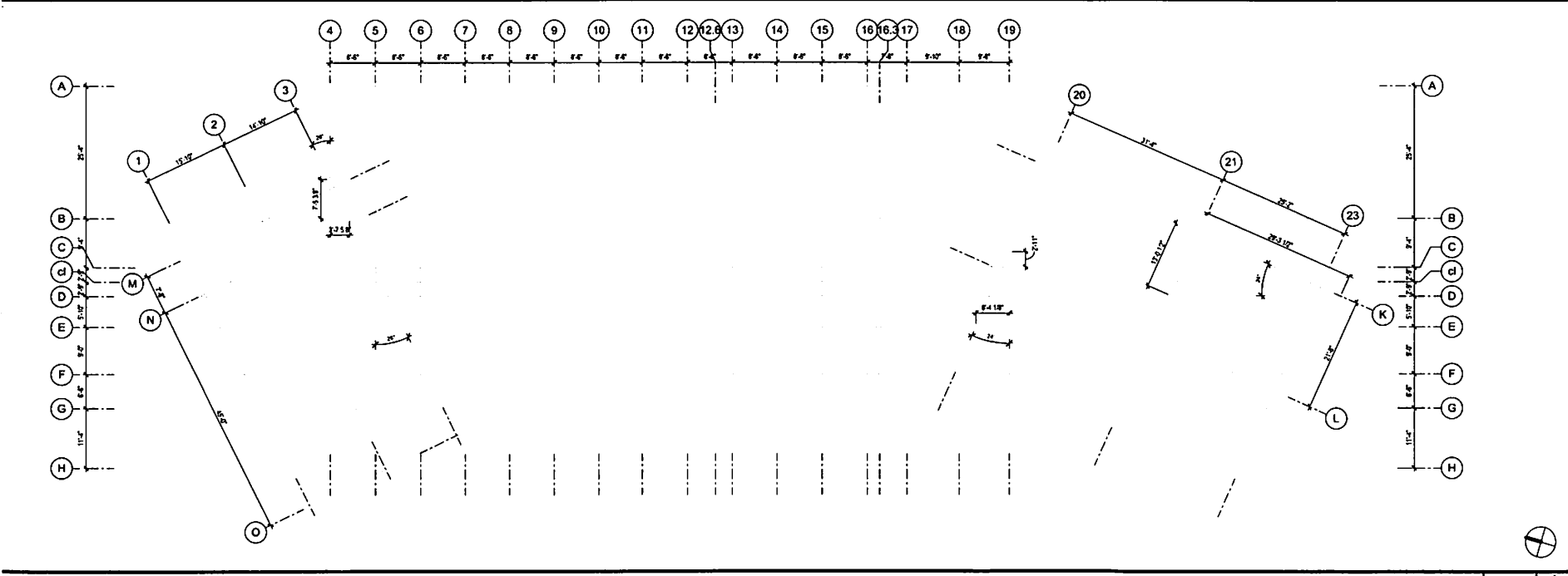
No.	Description	Date
1	PREPARED FOR CONSTRUCTION	06/27/17
2	REVISION	

The owner acknowledges that the architect is not responsible for the accuracy of the information provided by the owner or other third parties. The architect is not responsible for the accuracy of the information provided by the owner or other third parties. The architect is not responsible for the accuracy of the information provided by the owner or other third parties.

DATE: 06/27/17
 SCALE: 1/8" = 1'-0"
 SHEET NO: 236



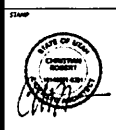
LEVEL 1 FLOOR PLAN SLAB 1/8" = 1'-0" 2



GRID CONTROL PLAN 1/8" = 1'-0" 1

06/27/2017 11:21:47 AM

444: IF THIS SHEET IS NOT 30" x 42" IT IS A REDUCED PRINT



NOT FOR CONSTRUCTION PERMITS
 FORMED BY THE #2025013

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

LEVEL 1 & 2 LEVEL FLOOR PLANS

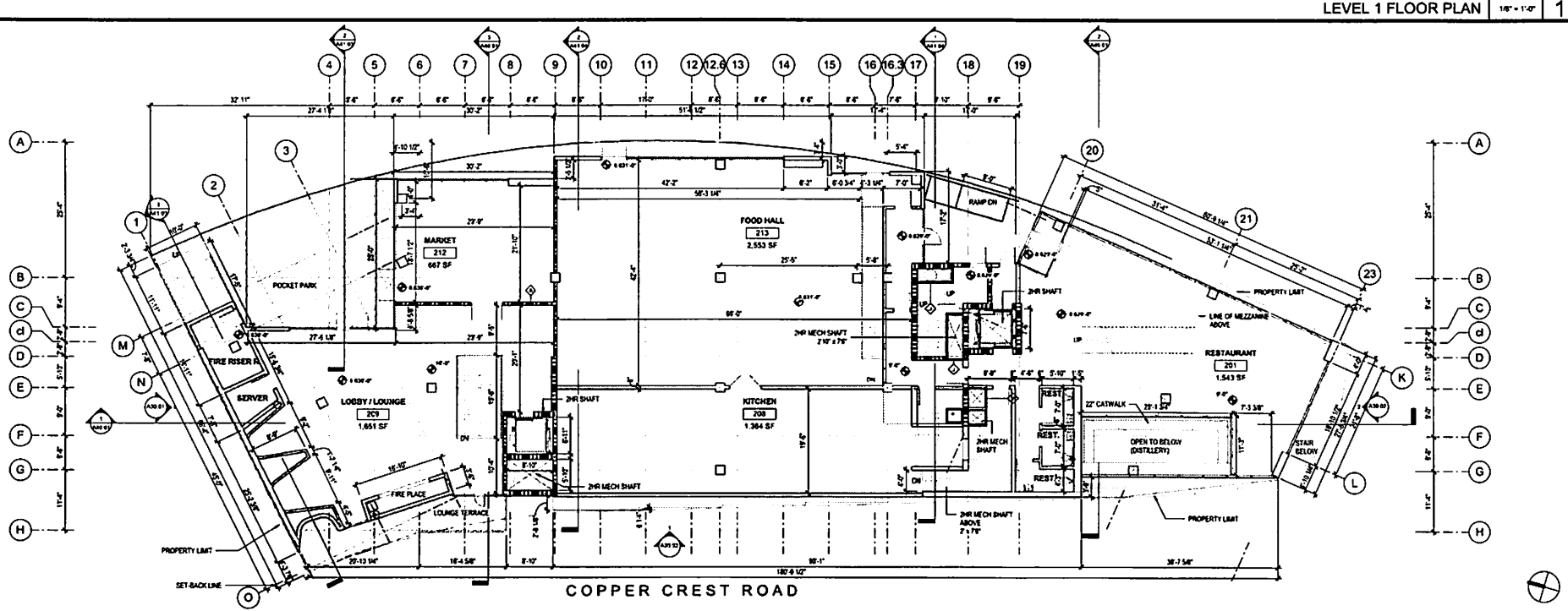
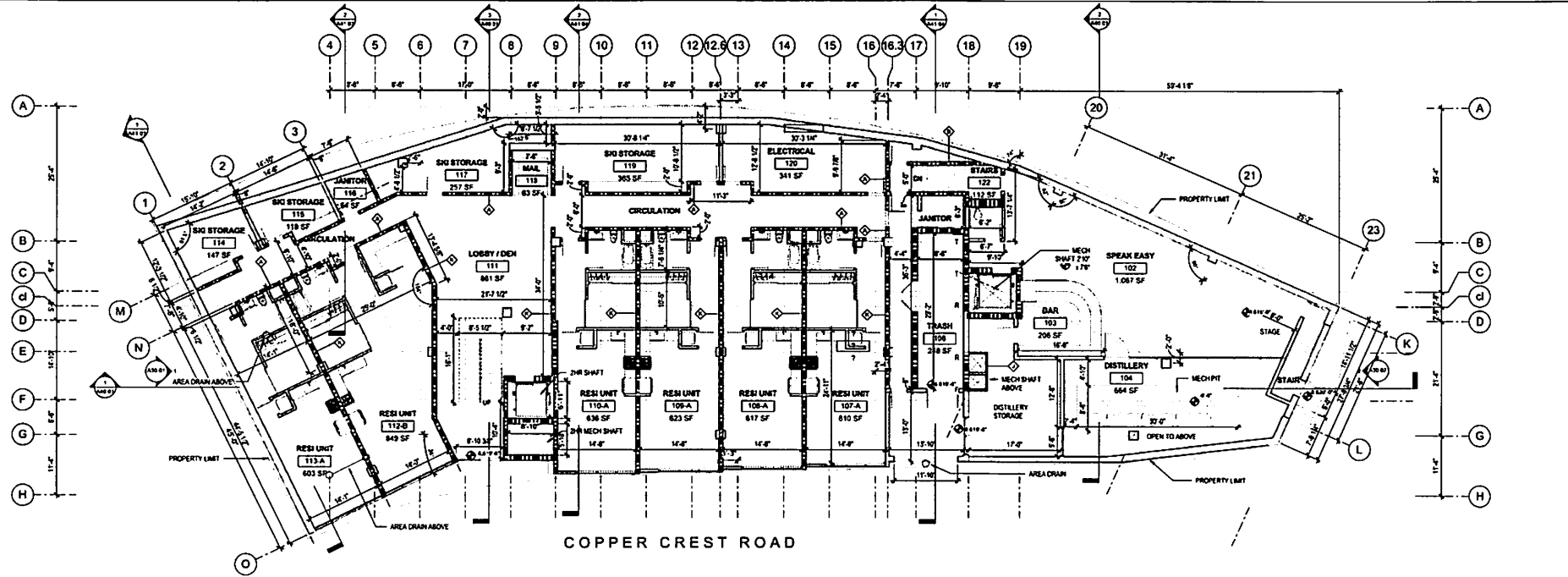
No.	Description	DATE
1	FOUNDATION	11/17/17
2	FOUNDATION	11/17/17
3	FOUNDATION	11/17/17
4	FOUNDATION	11/17/17
5	FOUNDATION	11/17/17
6	FOUNDATION	11/17/17
7	FOUNDATION	11/17/17
8	FOUNDATION	11/17/17
9	FOUNDATION	11/17/17
10	FOUNDATION	11/17/17
11	FOUNDATION	11/17/17
12	FOUNDATION	11/17/17
13	FOUNDATION	11/17/17
14	FOUNDATION	11/17/17
15	FOUNDATION	11/17/17
16	FOUNDATION	11/17/17
17	FOUNDATION	11/17/17
18	FOUNDATION	11/17/17
19	FOUNDATION	11/17/17
20	FOUNDATION	11/17/17
21	FOUNDATION	11/17/17
22	FOUNDATION	11/17/17
23	FOUNDATION	11/17/17

236

DATE: 06/27/17

SCALE: 1/8" = 1'-0"

SHEET NO: A20.01



02/20/17 11:21:56 AM

MAX. # THIS SHEET IS NOT 30" x 42" IF A REDUCED PRINT



NOT FOR CONSTRUCTION UNLESS
 SIGNED BY THE ARCHITECT

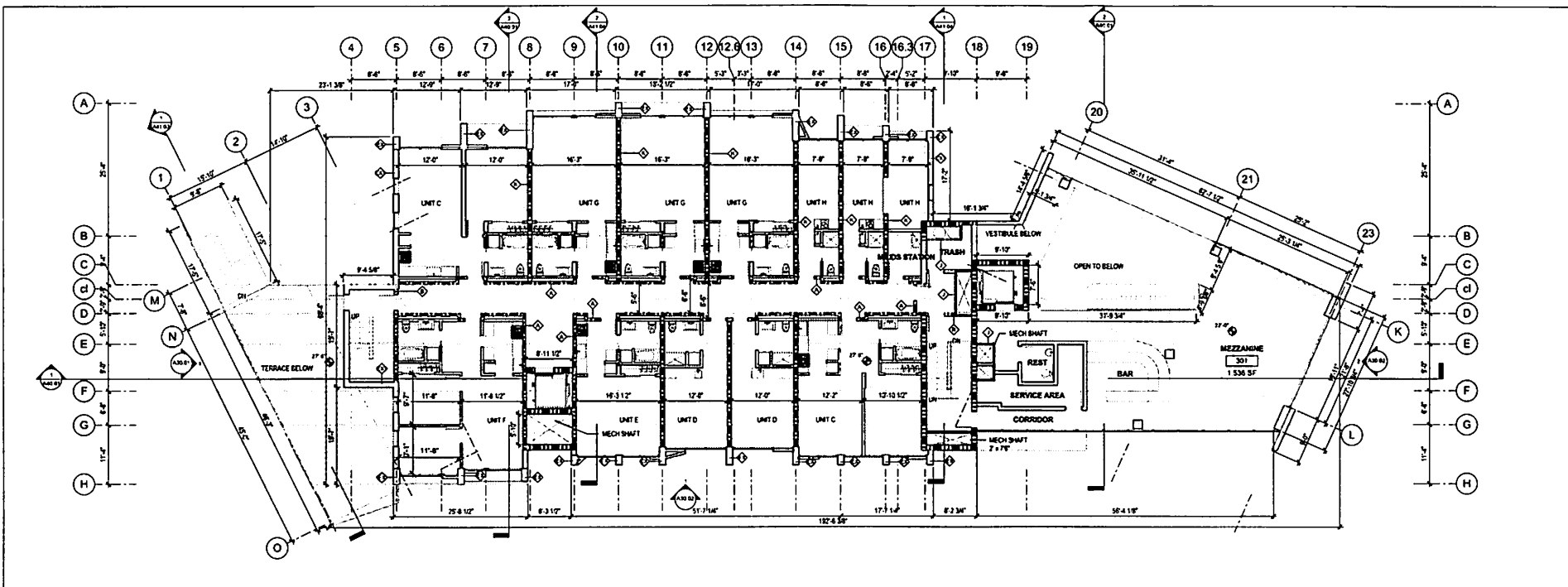
POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

LEVEL 3 & 4 FLOOR PLANS

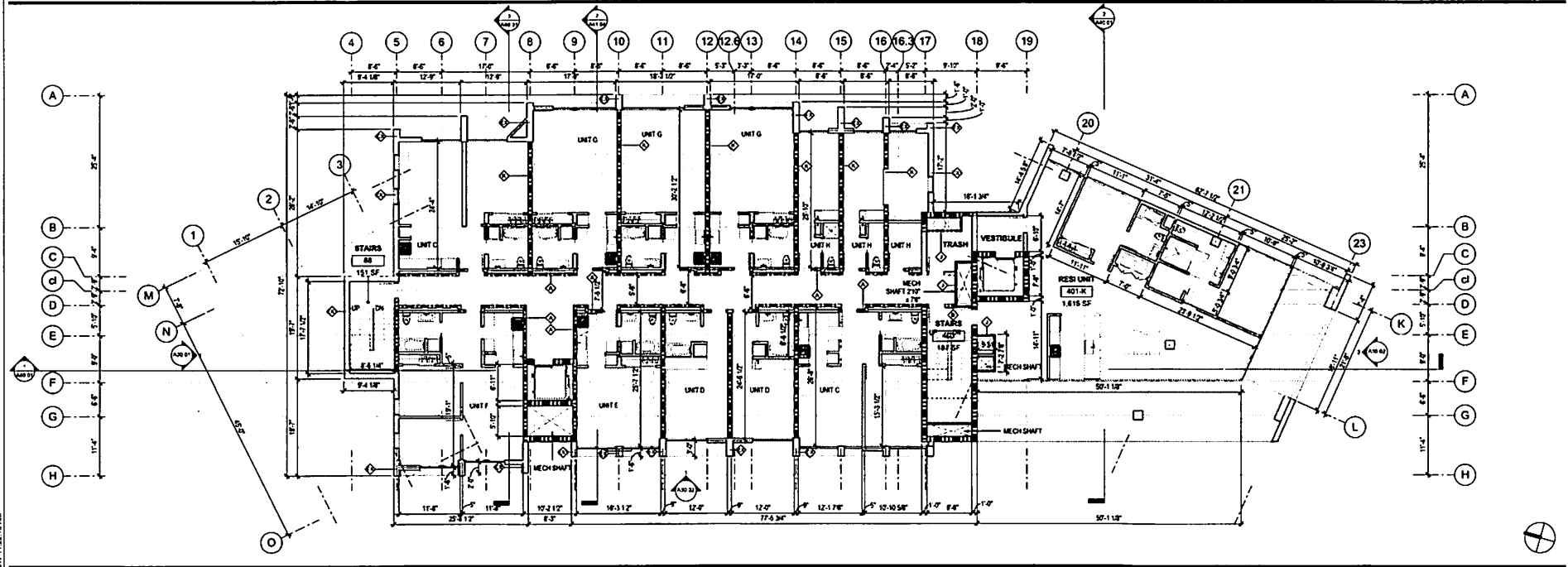
NO.	Description	DATE
1	ISSUED FOR PERMIT	06/27/17
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	
11	REVISION	
12	REVISION	
13	REVISION	
14	REVISION	
15	REVISION	
16	REVISION	
17	REVISION	
18	REVISION	
19	REVISION	
20	REVISION	
21	REVISION	
22	REVISION	
23	REVISION	

DATE: 06/27/17
 SCALE: 1/8" = 1'-0"
 SHEET NO: 236

A20.02



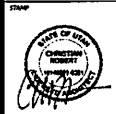
LEVEL 3 FLOOR PLAN 1/8" = 1'-0" 1



LEVEL 4 FLOOR PLAN 1/8" = 1'-0" 2

R0202011.12.10 AM

ASK IF THIS SHEET PLACED 30" x 42" IF PLACED REVERSED PRINT



NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

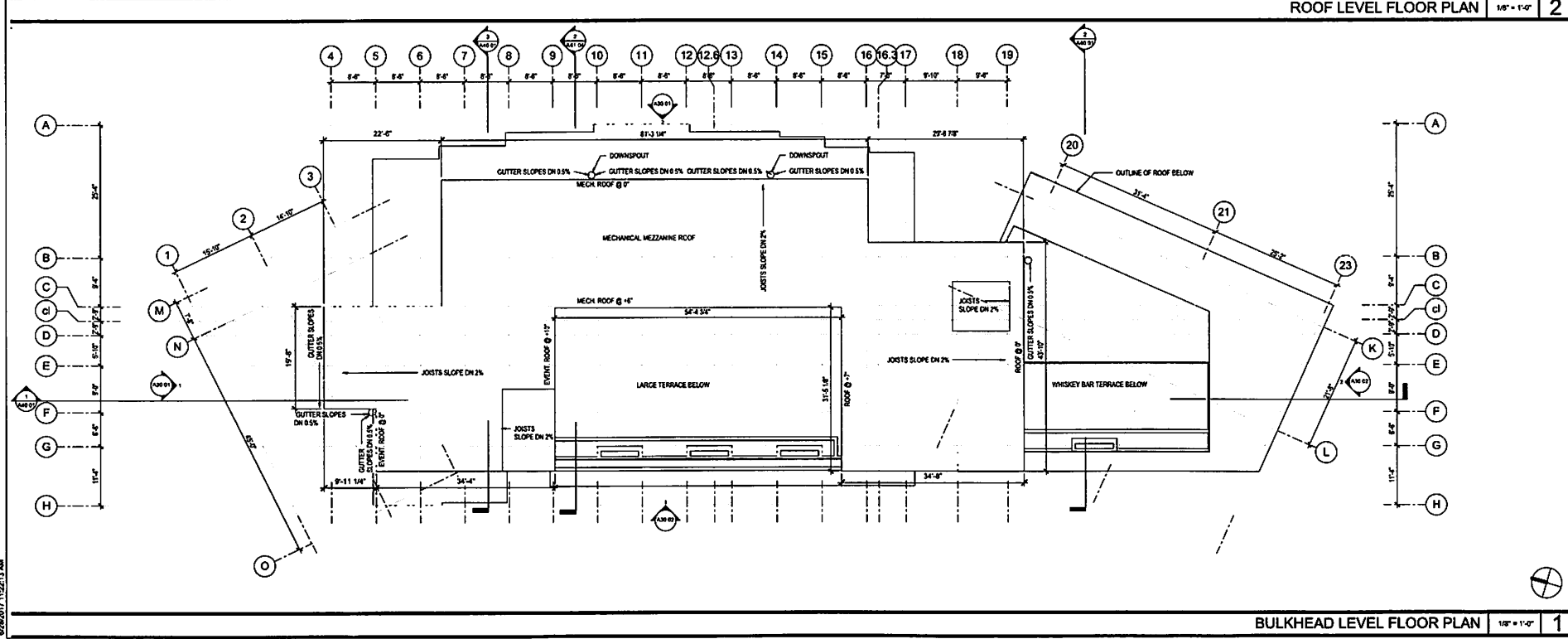
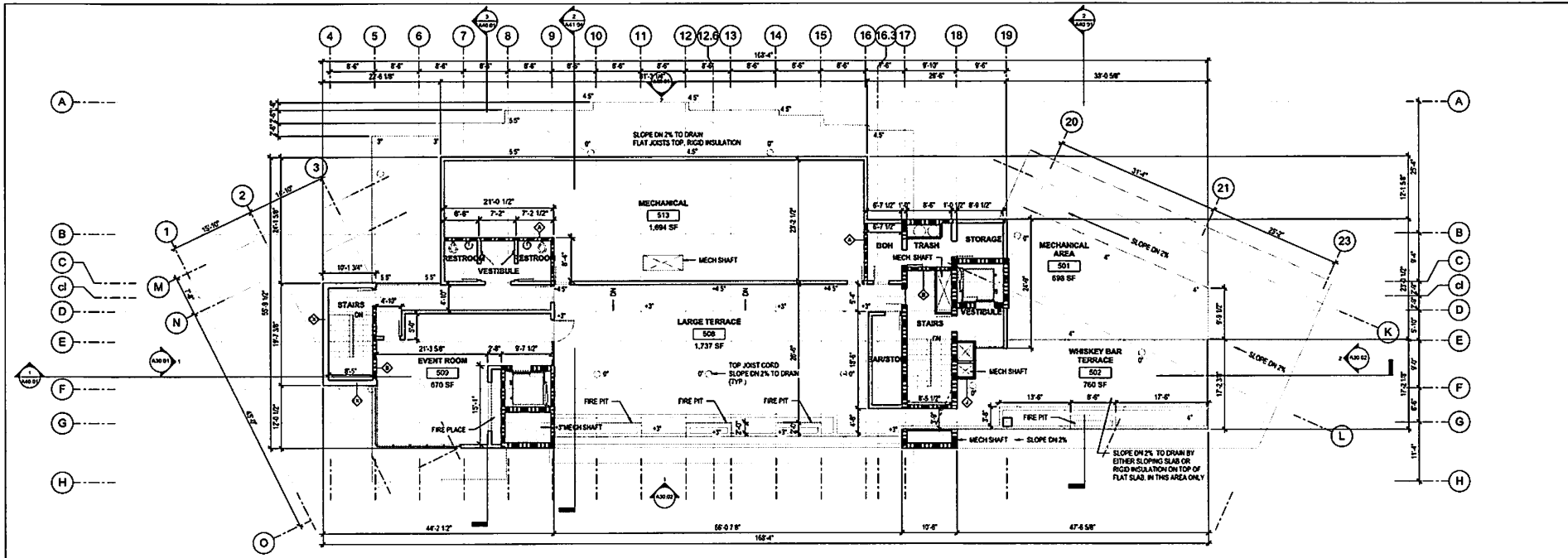
POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

ROOF LEVEL & ROOF PLANS

No.	Description	Date
1	ISSUE FOR PERMITS	07/17/20
2	REVISION	07/17/20

The owner warrants that the information provided herein is true and correct to the best of their knowledge and belief. The architect warrants that the design and construction documents are prepared in accordance with the applicable laws, rules, and regulations of the State of Utah, and that the design and construction documents are prepared in accordance with the applicable laws, rules, and regulations of the State of Utah. The architect warrants that the design and construction documents are prepared in accordance with the applicable laws, rules, and regulations of the State of Utah. The architect warrants that the design and construction documents are prepared in accordance with the applicable laws, rules, and regulations of the State of Utah.

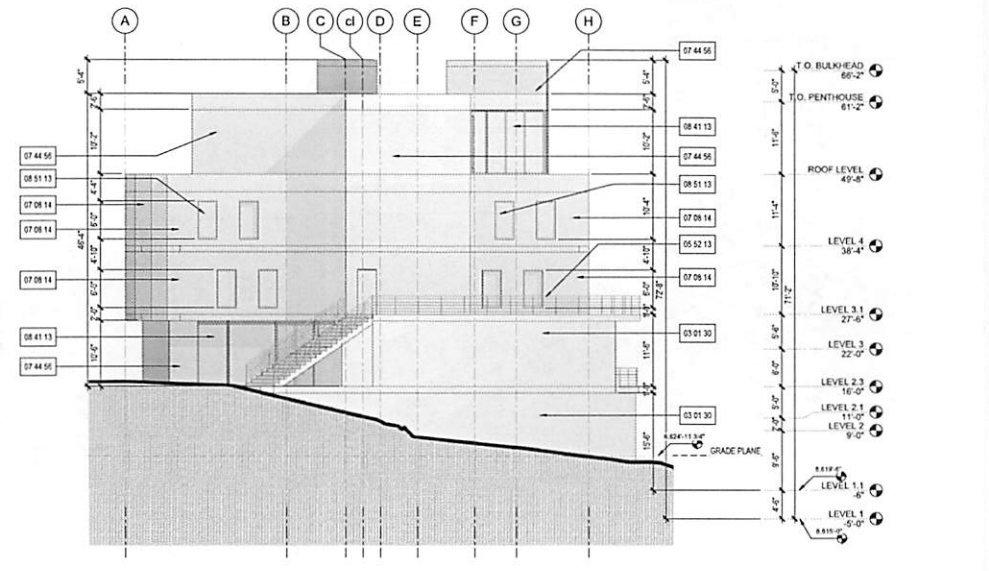
236
 DATE 06/27/17
 SCALE 1/8" = 1'-0"
 SHEET NO.



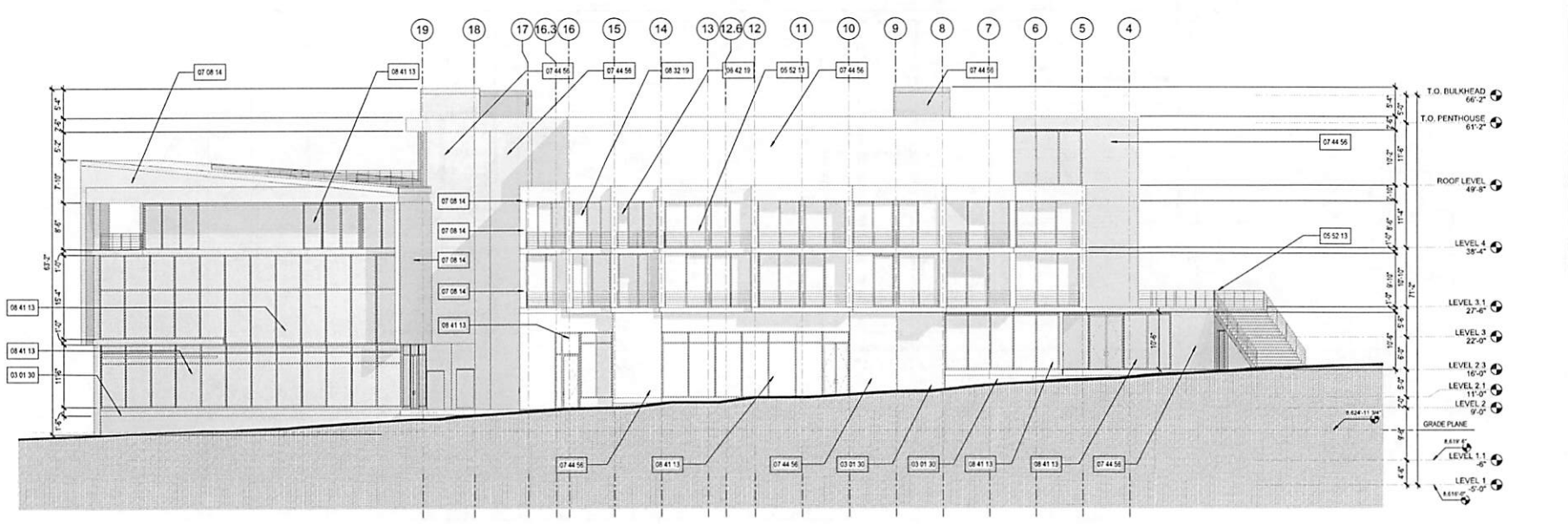
06/29/2017 11:22:13 AM

ALL SHEETS IN THIS PROJECT ARE AT A REDUCED PRINT SCALE UNLESS OTHERWISE NOTED

- EXTERIOR FINISHES**
- 03 01 30 CAST-IN-PLACE CONCRETE
 - 05 52 13 PIPE AND TUBE RAILINGS
 - 06 42 19 PLASTIC LAMINATE FACED WOOD PANELING
 - 07 09 14 STANDING SEAM FACADE - SPECIFICATION
 - 07 44 56 MINERAL FIBER REINFORCED CEMENTITIOUS PANELS
 - 08 32 19 SLIDING ALUMINUM FRAMED GLASS DOORS
 - 08 41 13 ALUMINUM FRAMED ENTRANCES AND STOREFRONTS
 - 28 01 16 STANDING SEAM ROOF - SPECIFICATION



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



EAST ELEVATION 1/8" = 1'-0" 2



NOT FOR CONSTRUCTION UNTIL
SEALING BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

**NORTH & EAST
EXTERIOR
ELEVATIONS**

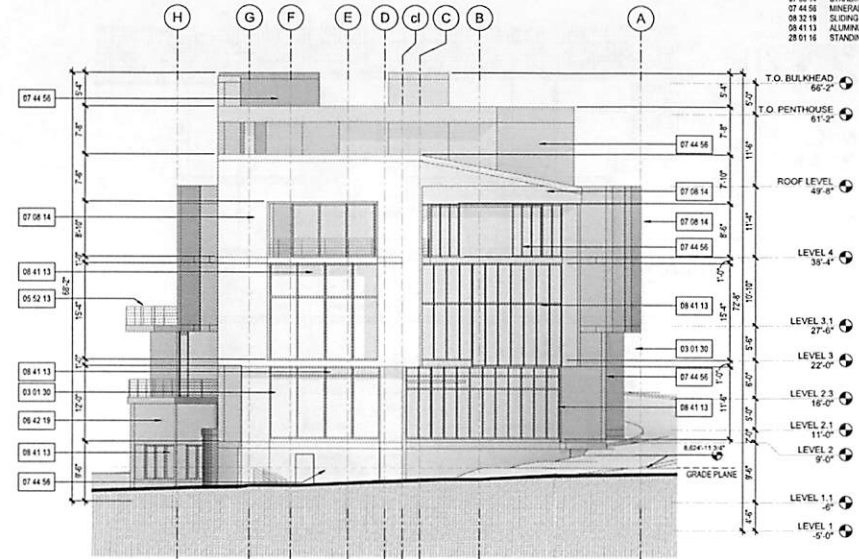
No.	Description	Date
1	ISSUED FOR FOUNDATION PERMIT	05/17/16
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

THE ARCHITECT ASSURES THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF. THE ARCHITECT DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY OTHER INFORMATION CONTAINED HEREIN. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY OTHER INFORMATION CONTAINED HEREIN.

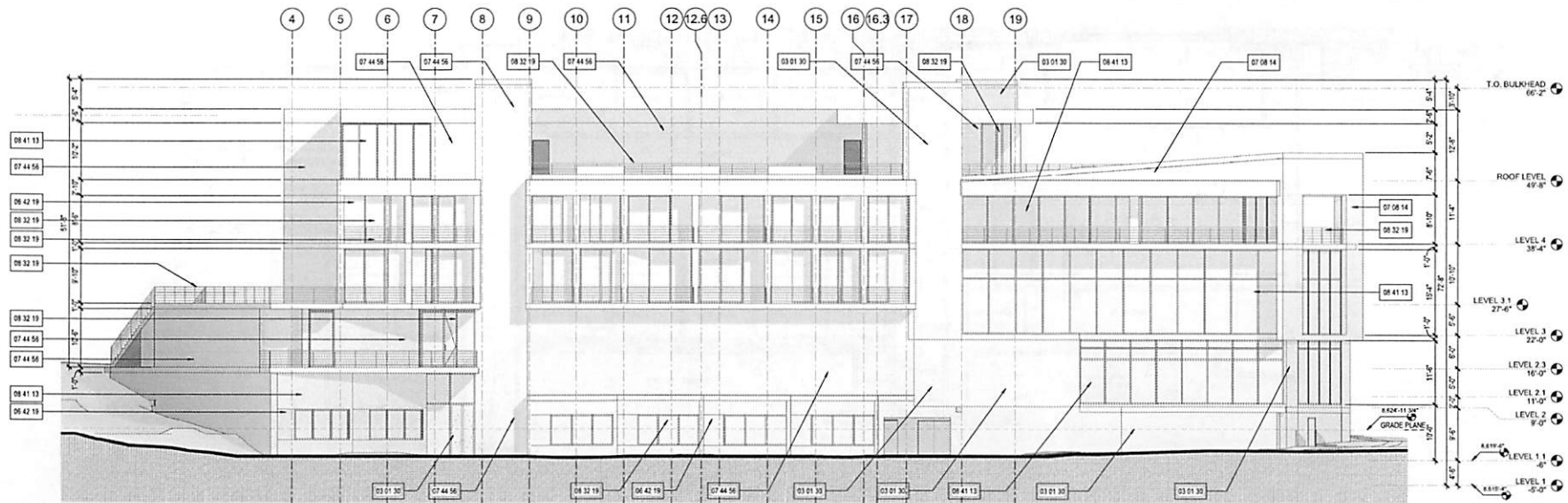
DATE: 06/27/17
SCALE: 1/8" = 1'-0"
SHEET NO: 236
PROJECT NO: A30.01

EXTERIOR FINISHES

- 03 01 30 CAST-IN-PLACE CONCRETE
- 05 52 13 PIPE AND TUBE FINISHES
- 06 42 19 PLASTIC LAMINATE FACED WOOD PANELING
- 07 08 14 STANDING SEAM FACADE - SPECIFICATION
- 07 44 56 MINERAL FIBER REINFORCED CEMENTITIOUS PANELS
- 08 32 19 SLIDING ALUMINUM FRAMED GLASS DOORS
- 08 41 13 ALUMINUM FRAMED ENTRANCES AND STOREFRONTS
- 28 01 16 STANDING SEAM ROOF - SPECIFICATION



SOUTH ELEVATION 1/8" = 1'-0" 2



WEST ELEVATION 1/8" = 1'-0" 1



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

SHEET TITLE
SOUTH & WEST
EXTERIOR
ELEVATIONS

No.	Description	Date
1	ISSUED FOR FOUNDATION PERMIT	07/17/17

DATE 06/27/17
SCALE 1/8" = 1'-0"
SHEET NO. 236

A30.02



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

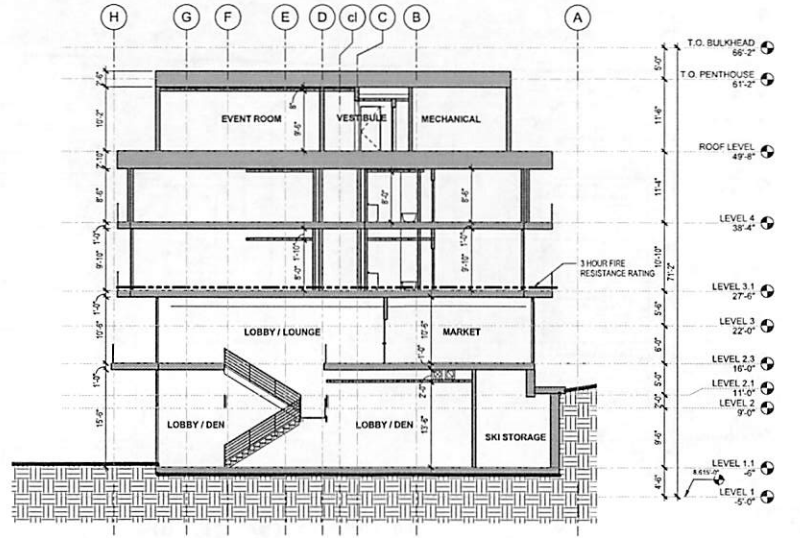
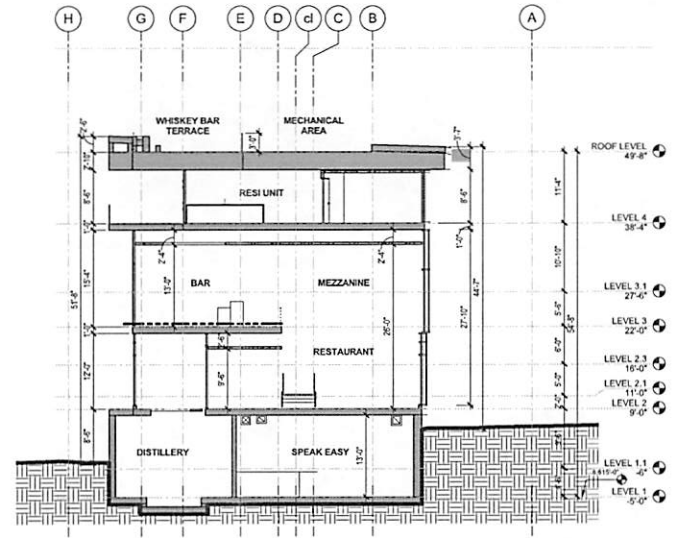
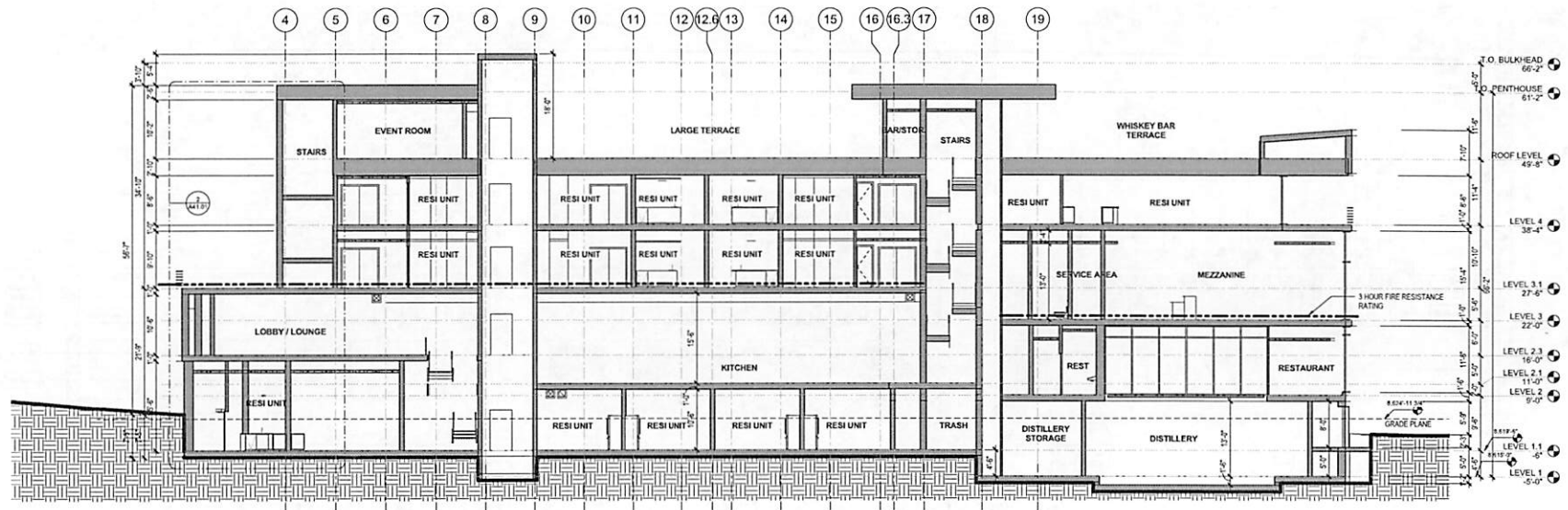
BUILDING SECTIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMITS	06/27/17
2	FOR FOUNDATION PERMIT	07/11/17

THE ARCHITECT HAS PREPARED THESE DRAWINGS AND SPECIFICATIONS FOR THE PROJECT AND HAS NOT PERFORMED A VISUAL CHECK OF THE WORK ORIGINALLY CONTRACTED FOR THE WORK. THE ARCHITECT HAS NOT CONDUCTED A VISUAL CHECK OF THE WORK ORIGINALLY CONTRACTED FOR THE WORK. THE ARCHITECT HAS NOT CONDUCTED A VISUAL CHECK OF THE WORK ORIGINALLY CONTRACTED FOR THE WORK.

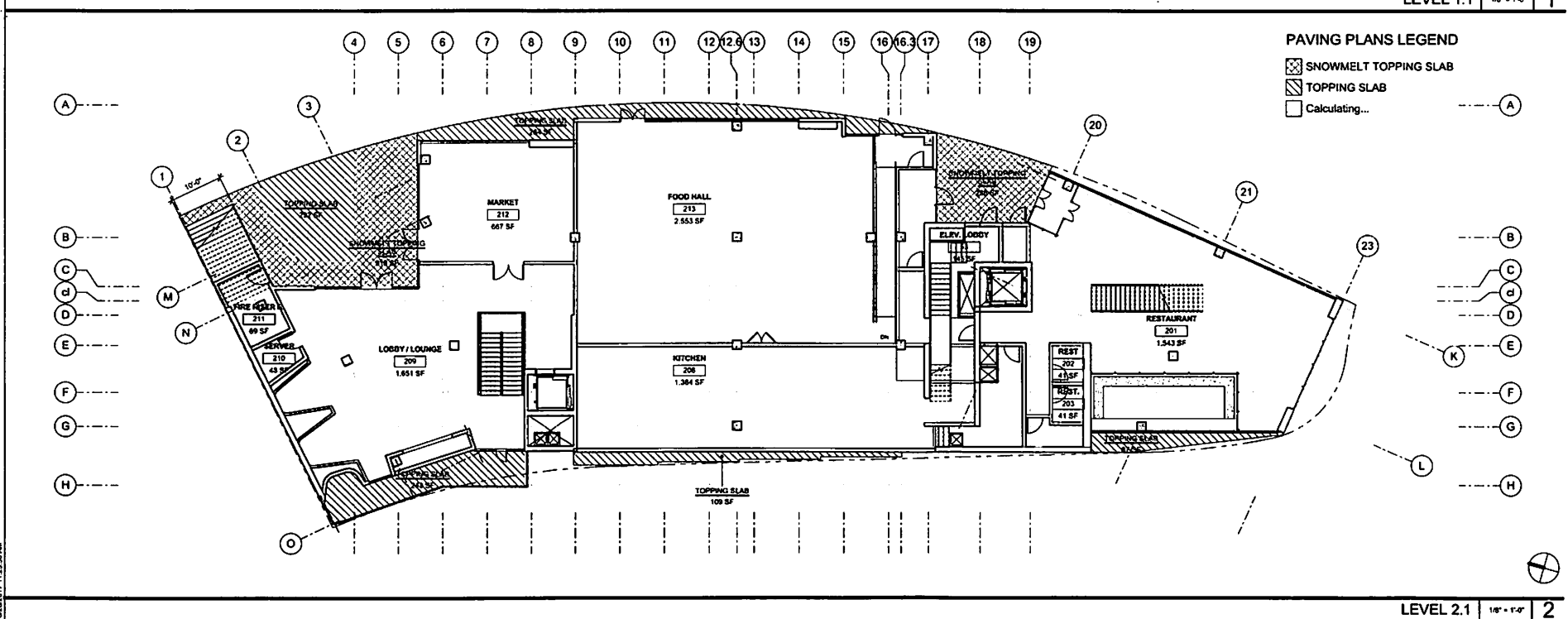
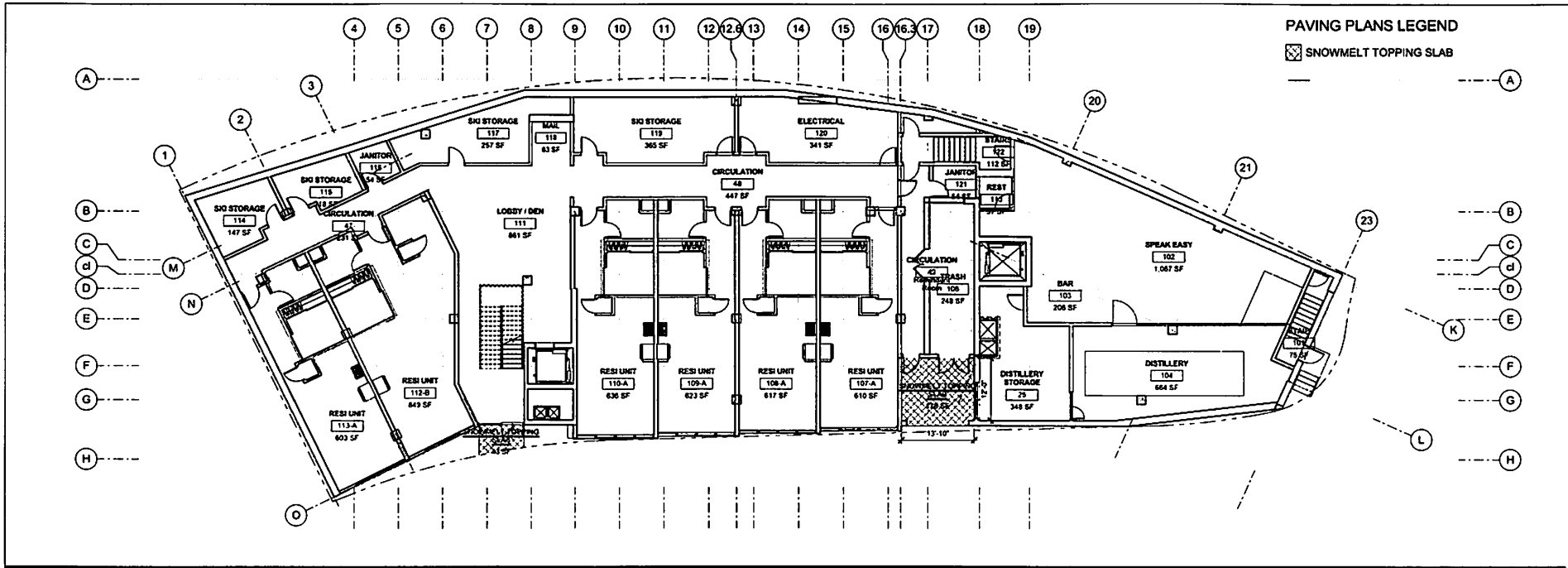
236
DATE: 06/27/17
SCALE: 1/8" = 1'-0"
SHEET NO.

A40.01



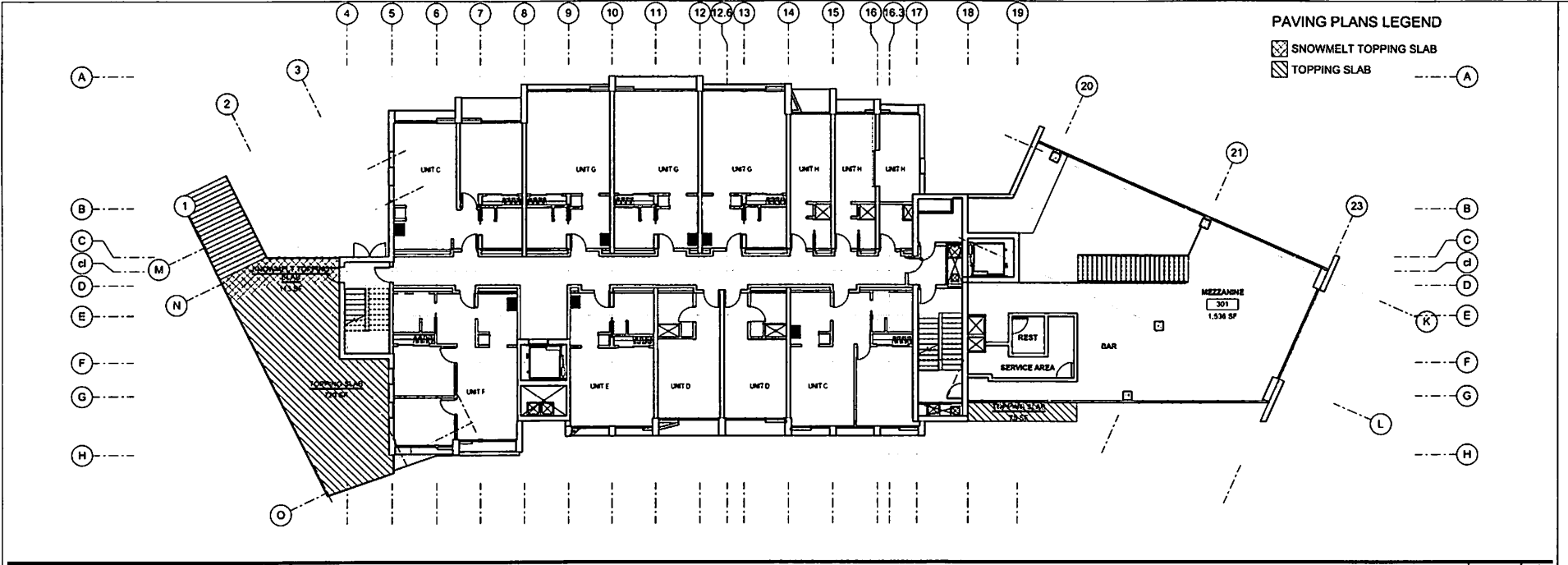
06/26/2017 11:23:15 AM

MAX. # THIS SHEET IS NOT 36" x 42" IF IN A REDUCED PRINT

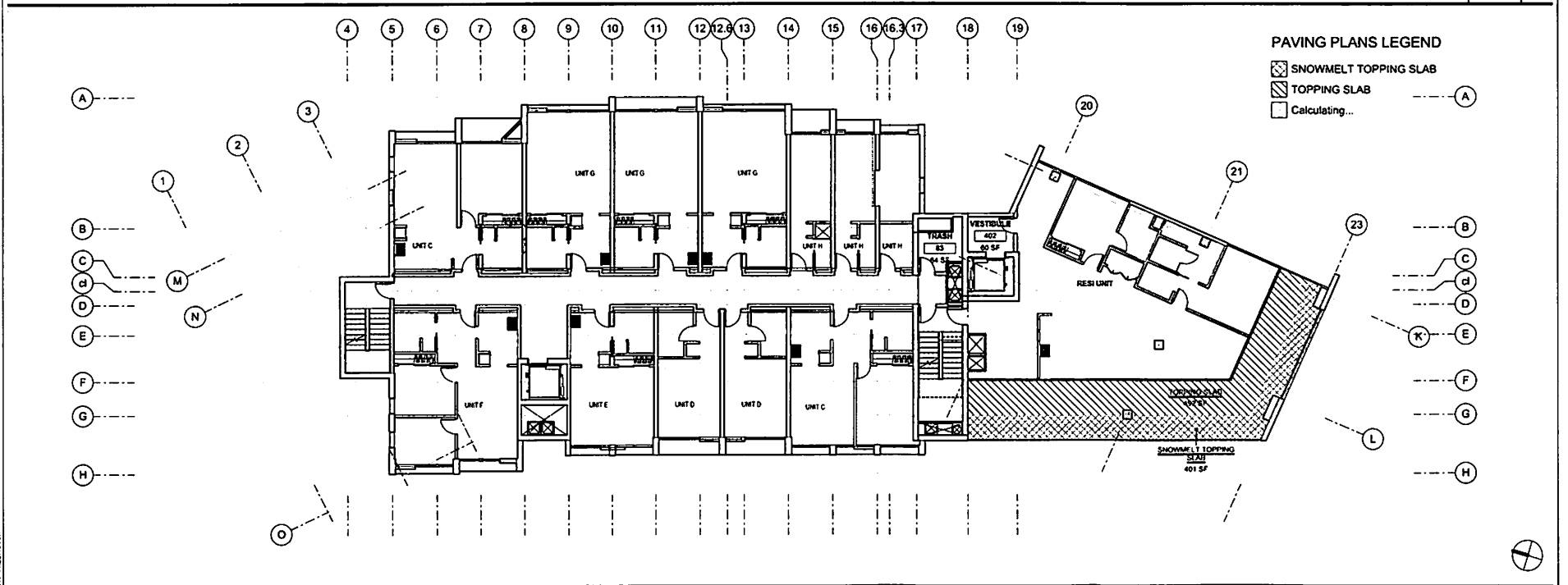


No.	Description	Date
1	FOUNDATION	11/17/17
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		

The building information on this sheet is based on the information provided by the client and is not to be used for any other purpose without the written consent of the architect. The architect is not responsible for the accuracy of the information provided by the client. The architect is not responsible for the accuracy of the information provided by the client. The architect is not responsible for the accuracy of the information provided by the client.



LEVEL 3.1 1/8" = 1'-0" 1



LEVEL 4 1/8" = 1'-0" 2



NOT FOR CONSTRUCTION UNLESS
 APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

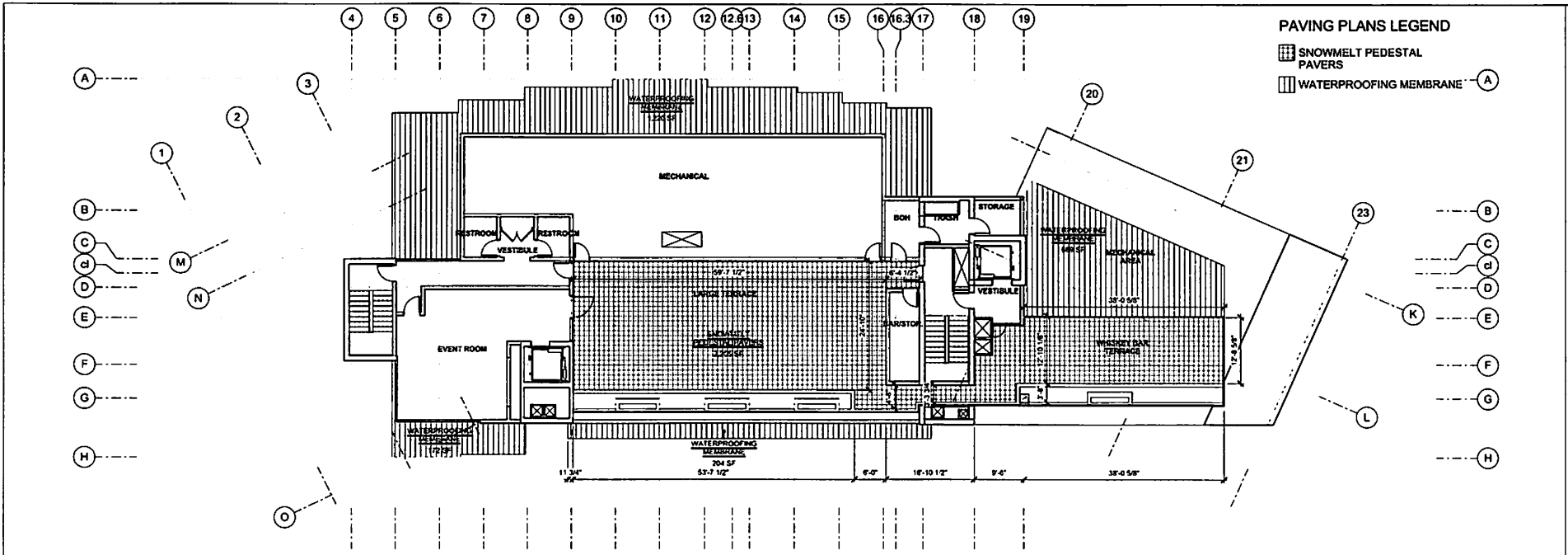
3 & 4 LEVEL PAVING PLAN

Rev	Description	Date
1	ISSUED FOR PERMIT	07/17/17

DATE: 06/27/17
 SCALE: 1/8" = 1'-0"

DATE: 06/27/17
 SCALE: 1/8" = 1'-0"

A51.02



PAVING PLANS LEGEND

- SNOWMELT PEDESTAL PAVERS
- WATERPROOFING MEMBRANE

ROOF LEVEL 1/8" = 1'-0" 1



NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

SHEET TITLE
**ROOF LEVEL
 PAVING PLAN**

No.	Description	Date
1	ISSUED FOR PERMITS FROM PC/AR/ET	05/17/17

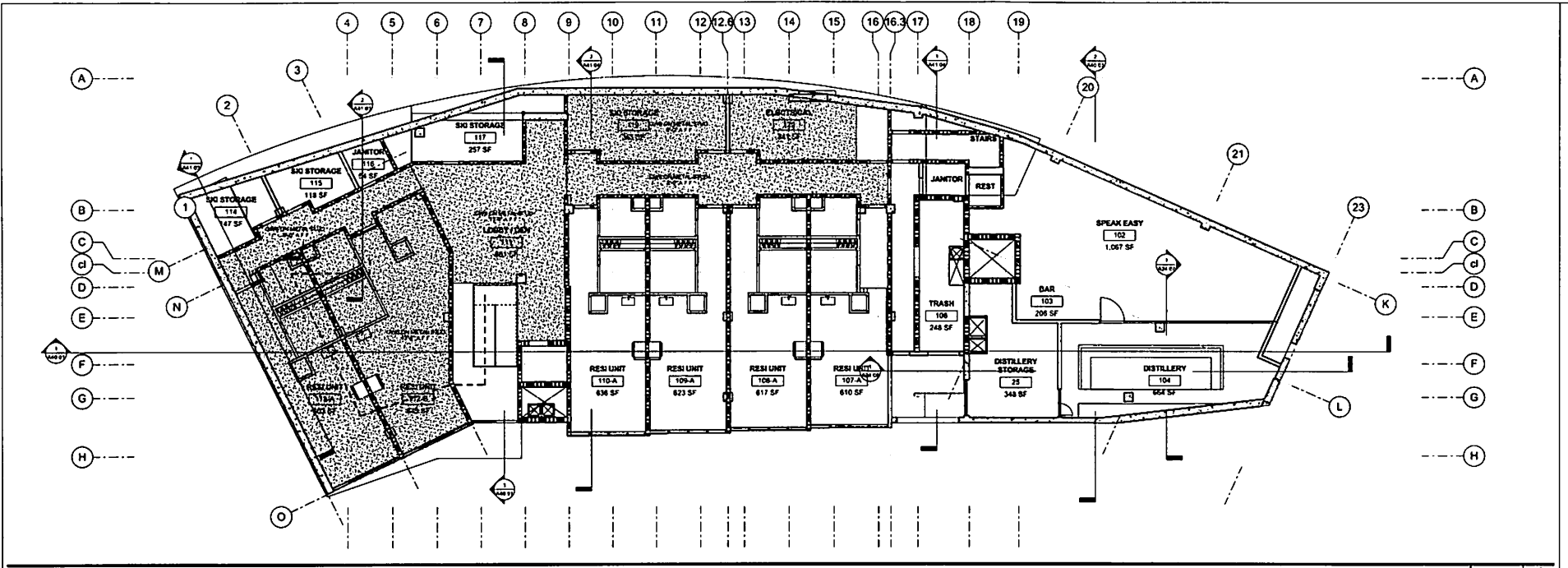
The owner shall maintain responsibility and control of the project. It is the architect's responsibility to provide the owner with the information necessary to make informed decisions. The architect shall not be responsible for the accuracy of the information provided by the owner. The architect shall not be responsible for the accuracy of the information provided by the owner. The architect shall not be responsible for the accuracy of the information provided by the owner.

DATE: 06/27/17
 SCALE: 1/8" = 1'-0"
 SHEET NO. 236

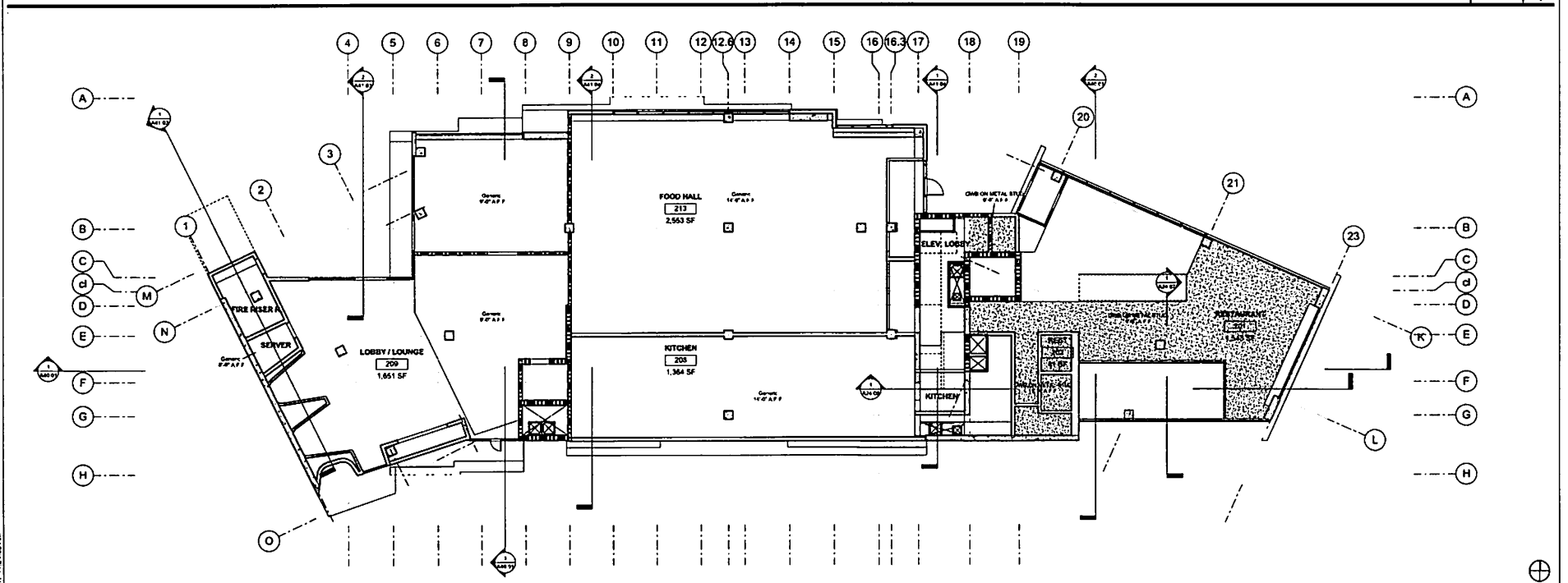
A51.03

06/27/17 11:23:44 AM

ALL IF THIS SHEET IS NOT 100% 11" IT IS A REVISED PRINT



RCP LEVEL 1.1 1/8" = 1'-0" 1



RCP LEVEL 2.1 1/8" = 1'-0" 2



NOT FOR CONSTRUCTION UNLESS
POWERED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

SHEET TITLE
RCP 1 & 2 LEVEL

No.	Description	Date
1	ISSUE FOR PERMIT	06/27/17
2	FOR CONSTRUCTION PERMIT	

This document contains the design and construction information for the project. It is the property of R&A Architects and is not to be distributed, copied, or used in any way without the written consent of R&A Architects. The user of this document is responsible for obtaining all necessary permits and approvals from the appropriate authorities. R&A Architects is not responsible for any errors or omissions in this document.

DATE: 06/27/17
SCALE: 1/8" = 1'-0"

236
SHEET NO.

A80.01

06/20/17 11:24:03 AM

ALL IF THIS SHEET IS NOT 30" X 42" IT IS A REDUCED PRINT



NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

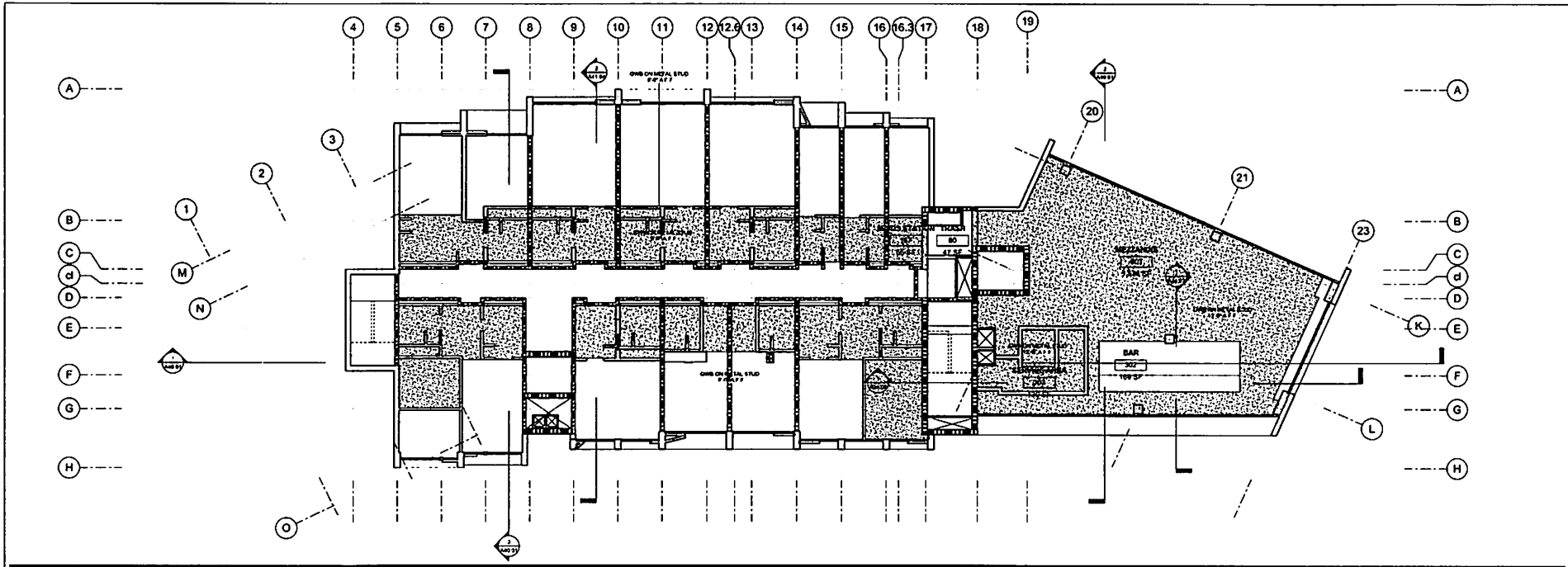
SHEET TITLE
RCP 3 & 4 LEVEL

No.	Description	Date
1	ISSUE FOR PERMITS	07/17/17
2	FOR REVISION	07/17/17

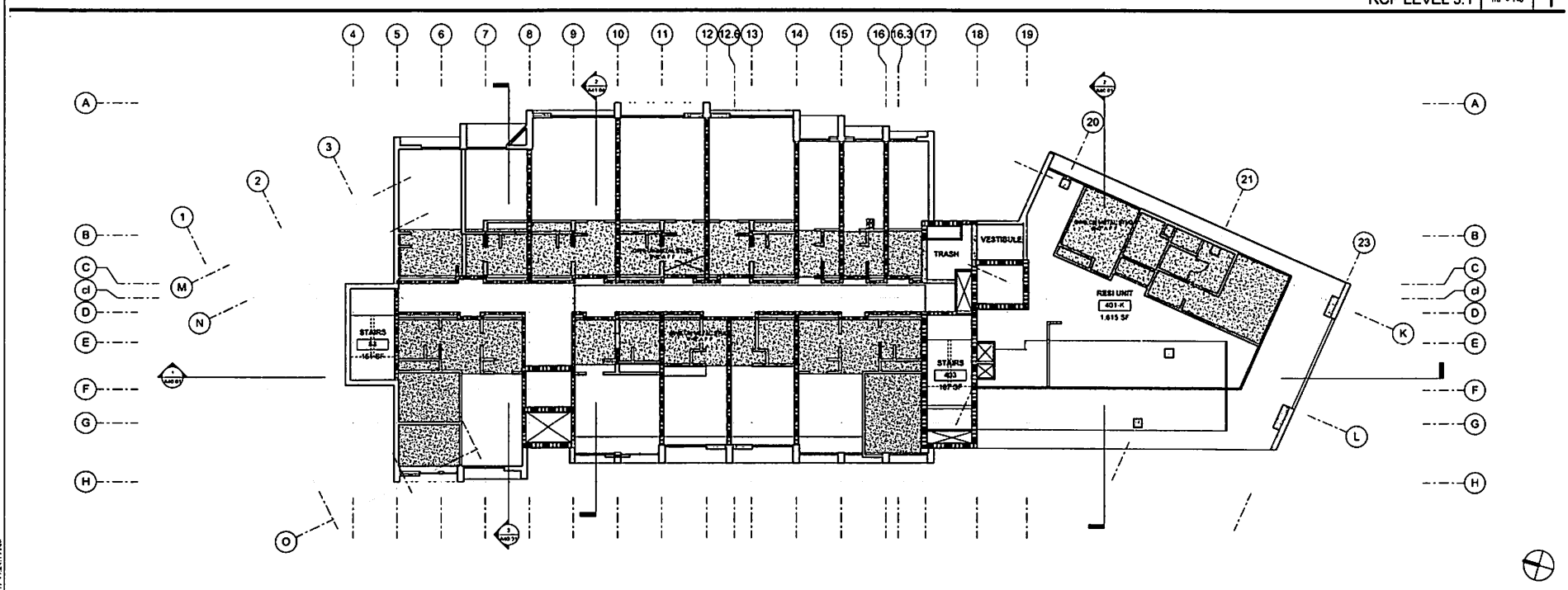
THESE PLANS OR ANY PART THEREOF ARE HEREBY CERTIFIED TO BE TRUE AND CORRECT AND THAT THE ARCHITECT HAS NOT BEEN ADVISED OF ANY VIOLATION OF ANY APPLICABLE CODES OR REGULATIONS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY HIMSELF OR HERSELF AND NOT TO THE CONSTRUCTION OF THE PROJECT. THE ARCHITECT DOES NOT WARRANT THE ACCURACY OF ANY INFORMATION PROVIDED BY OTHERS TO THE ARCHITECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY HIMSELF OR HERSELF AND NOT TO THE CONSTRUCTION OF THE PROJECT. THE ARCHITECT DOES NOT WARRANT THE ACCURACY OF ANY INFORMATION PROVIDED BY OTHERS TO THE ARCHITECT.

DATE: **06/27/17**
 SCALE: **1/8" = 1'-0"**
 SHEET NO: **236**

A80.02



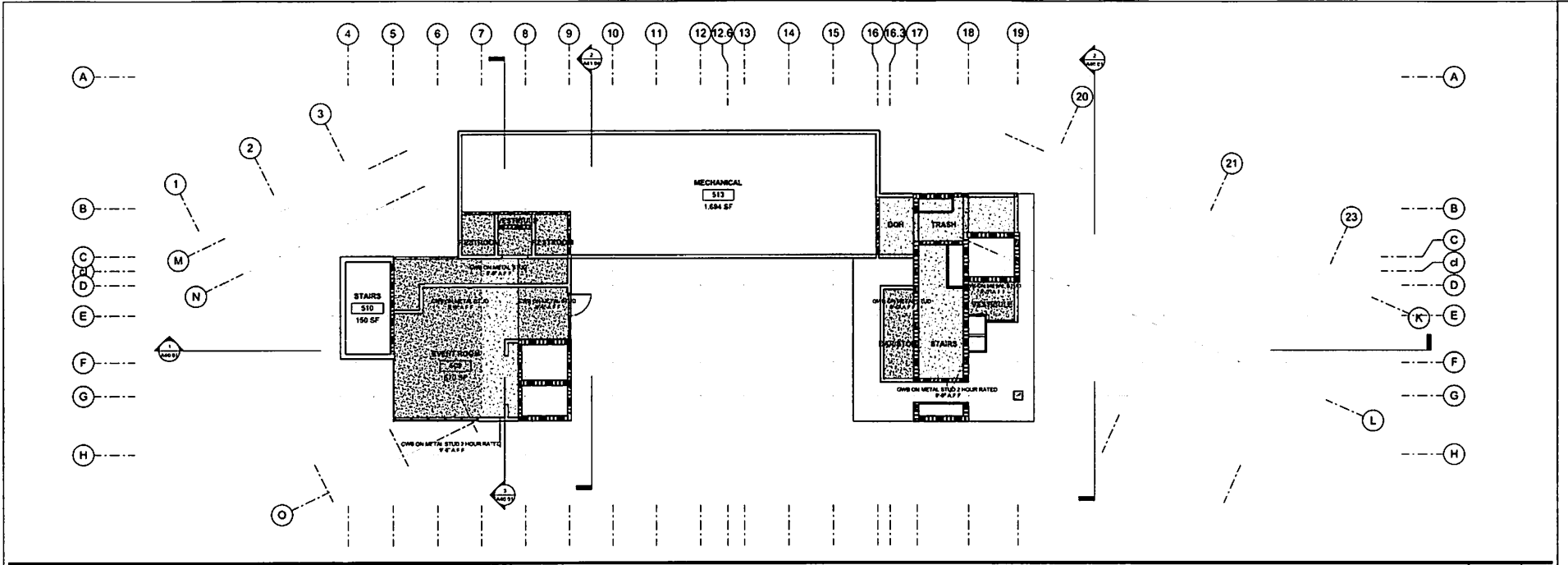
RCP LEVEL 3.1 1/8" = 1'-0" 1



RCP LEVEL 4 1/8" = 1'-0" 2

06/28/2017 11:28:11 AM

IF THIS SHEET IS NOT 30" x 42" IT IS A REDUCED PRINT



RCP ROOF LEVEL 1/8" = 1'-0" 1



NOT FOR CONSTRUCTION UNLESS
 APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

SHEET TITLE
RCP ROOF LEVEL

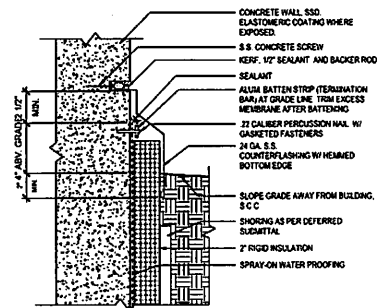
Rev	Description	Date
1	ISSUED FOR PERMIT	05/17/17

THIS SHEET IS UNLESS OTHERWISE NOTED
 TO BE CONFORMED TO THE IBC 2012 CODES
 AND THE IBC 2012 CODES SHALL BE THE
 GOVERNING CODES. THE ARCHITECT SHALL
 BE RESPONSIBLE FOR OBTAINING ALL
 NECESSARY PERMITS AND APPROVALS
 FROM THE LOCAL, STATE AND FEDERAL
 AUTHORITIES. THE ARCHITECT SHALL
 BE RESPONSIBLE FOR OBTAINING ALL
 NECESSARY PERMITS AND APPROVALS
 FROM THE LOCAL, STATE AND FEDERAL
 AUTHORITIES. THE ARCHITECT SHALL
 BE RESPONSIBLE FOR OBTAINING ALL
 NECESSARY PERMITS AND APPROVALS
 FROM THE LOCAL, STATE AND FEDERAL
 AUTHORITIES.

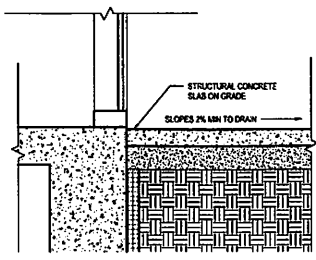
DATE: 06/27/17
 SCALE: 1/8" = 1'-0"

SHEET NO: A80.03

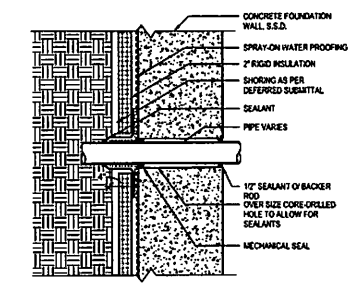
No.	Description	Date
1	REVISED FOR FOUNDATION PERMIT	07/17/19
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		



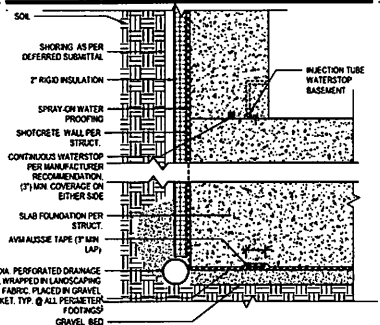
WP TERMINATION AT GRADE 3" = 1'-0" 9



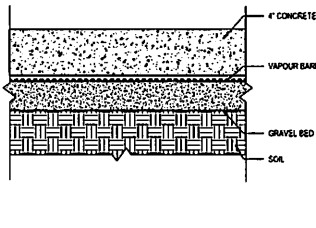
SLAB BREAK @ PLAZA 1 1/2" = 1'-0" 5



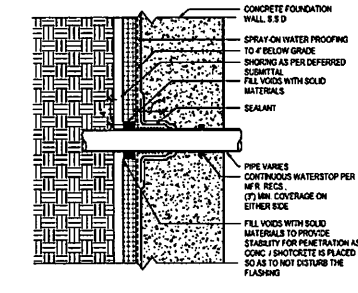
POST APPLIED PIPE PENTR. 1 1/2" = 1'-0" 1



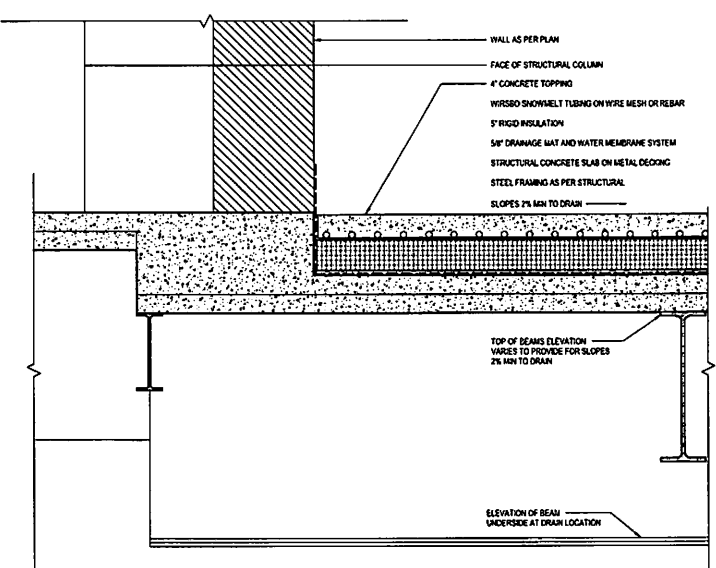
FOOTING TO WALL TRANS. 1 1/2" = 1'-0" 10



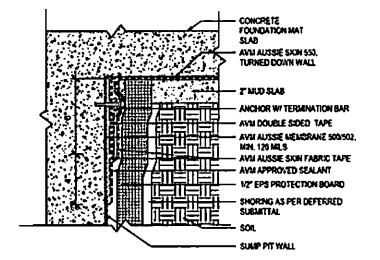
TYP. SLAB ASSEMBLY 3" = 1'-0" 6



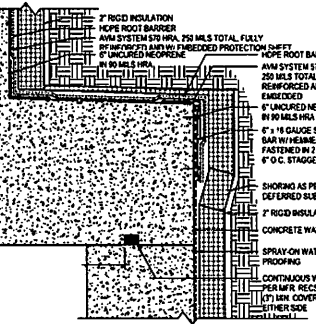
PIPE PENETRATION (TYP.) 1 1/2" = 1'-0" 2



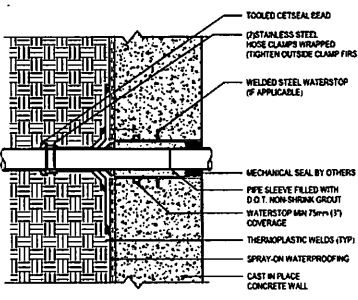
TYP. SLAB BREAK AT TERRACE @ TOPPING 1 1/2" = 1'-0" 15



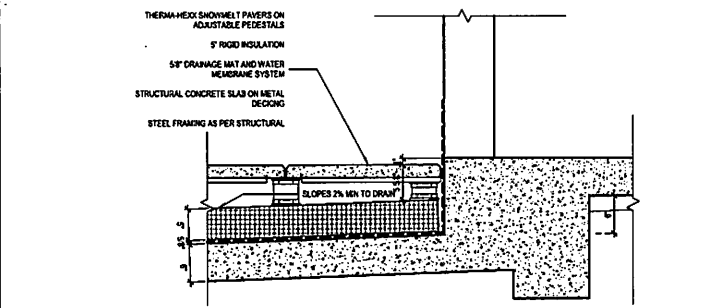
POST APPLIED WP @ SUMP PIT 3" = 1'-0" 11



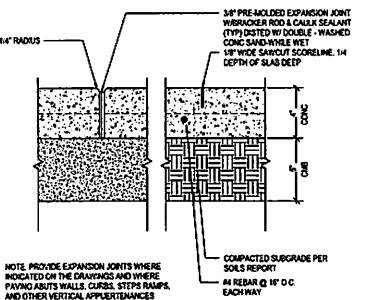
WP TRANS. BELOW GRADE 3" = 1'-0" 7



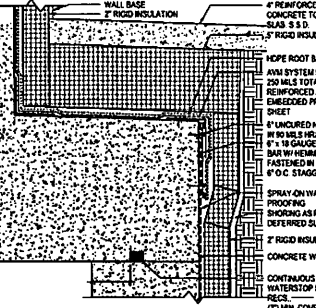
PIPE PENETRATION-SLEEVED 1 1/2" = 1'-0" 3



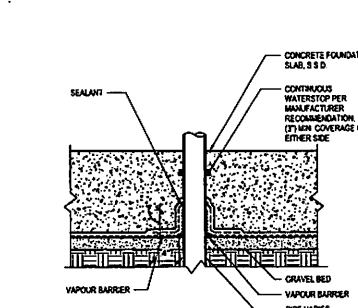
TYP. SLAB BREAK AT POOL DECK @ PAVERS 1 1/2" = 1'-0" 16



CONC JOINTS 12" = 1'-0" 12

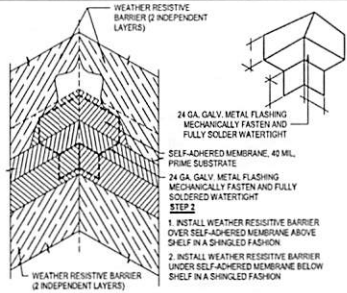


WP TRANS. BELOW GRADE 3" = 1'-0" 8

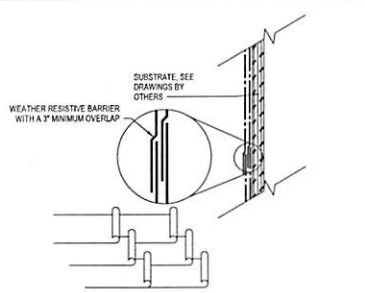


PIPE PENETR. ON GRADE 1 1/2" = 1'-0" 4

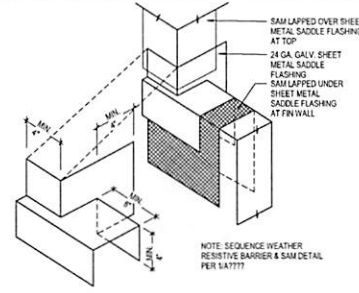
06/20/17 11:28:26 AM



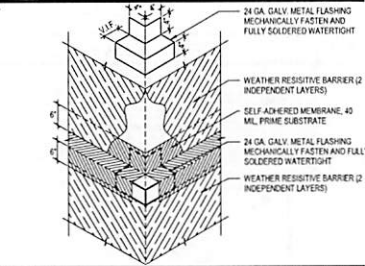
TYP. FLG - INSIDE CORNER 1 1/2" 1'-0" 17



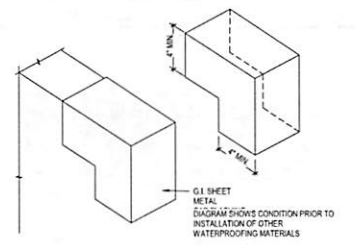
WEATHER RESIST. BARRIER 1 1/2" 1'-0" 13



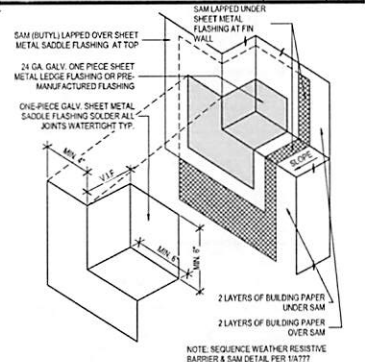
SHEET METAL SADDLE FLG N.T.S. 9



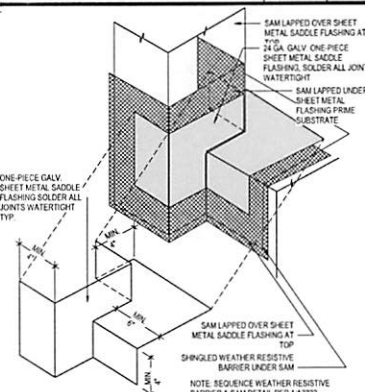
TYP. FLG - OUTSIDE CORNER 1 1/2" 1'-0" 14



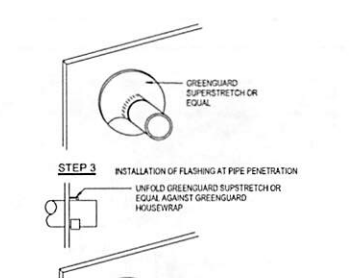
SHEET METAL SADDLE FLG N.T.S. 10



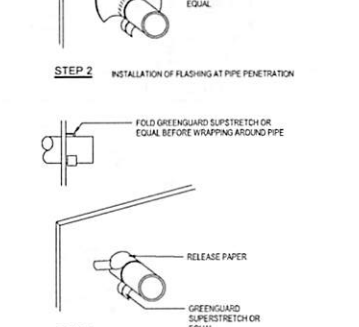
SHEET METAL LEDGE FLG 1'-0" 15



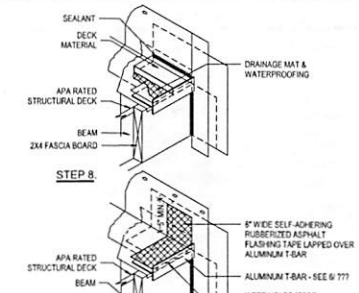
SHEET METAL SADDLE FLG 1 1/2" 1'-0" 16



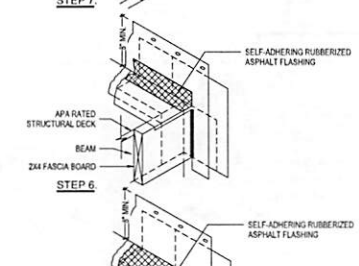
FLG AT PIPE PENETRATION 1'-0" 12



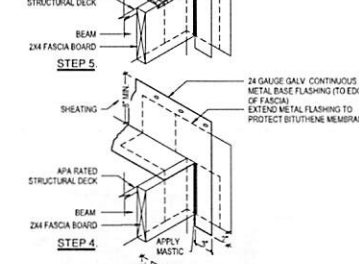
FLG AT PIPE PENETRATION 1'-0" 12



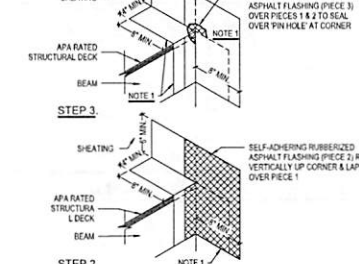
DECK EDGE TO WALL 1 1/2" 1'-0" 8



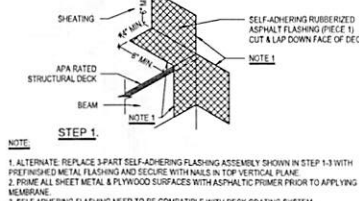
DECK EDGE TO WALL 1 1/2" 1'-0" 7



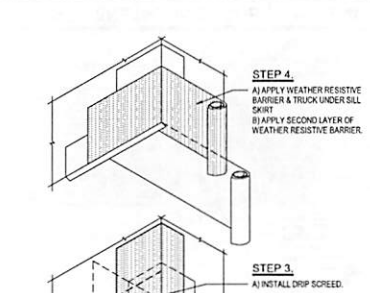
DECK EDGE TO WALL 1 1/2" 1'-0" 6



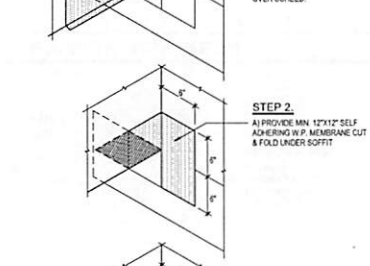
DECK EDGE TO WALL 1 1/2" 1'-0" 5



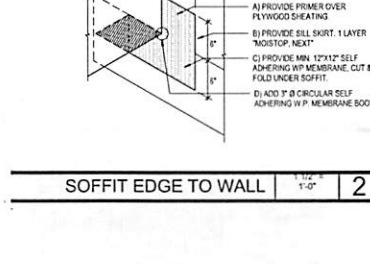
PARAPET TO WALL FLASHING 1 1/2" 1'-0" 4



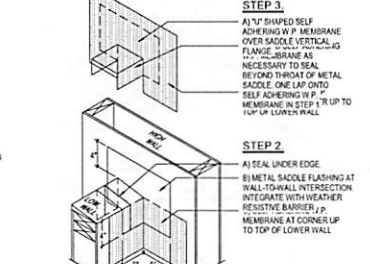
PARAPET TO WALL FLASHING 1 1/2" 1'-0" 4



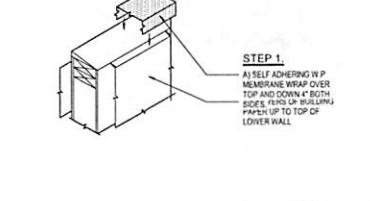
SOFFIT EDGE TO WALL 1 1/2" 1'-0" 3



SOFFIT EDGE TO WALL 1 1/2" 1'-0" 2



SOFFIT EDGE TO WALL 1 1/2" 1'-0" 2



SOFFIT EDGE TO WALL 1 1/2" 1'-0" 2



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

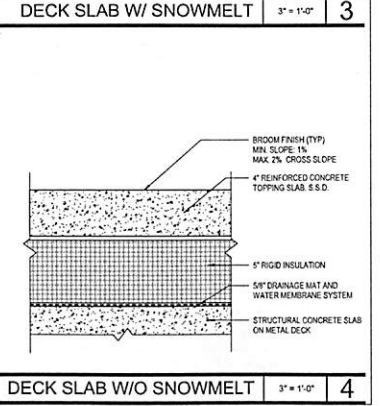
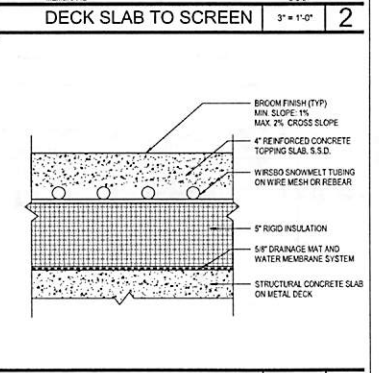
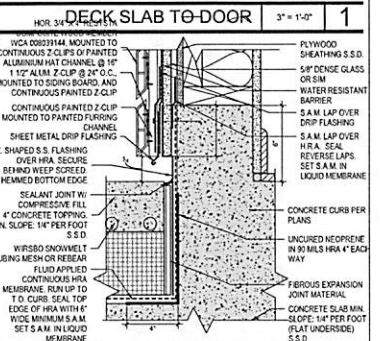
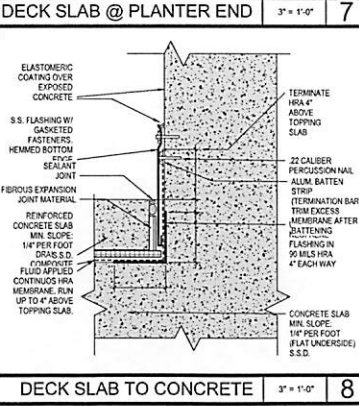
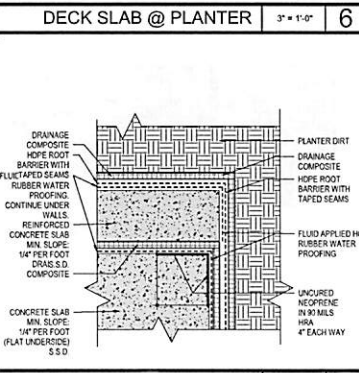
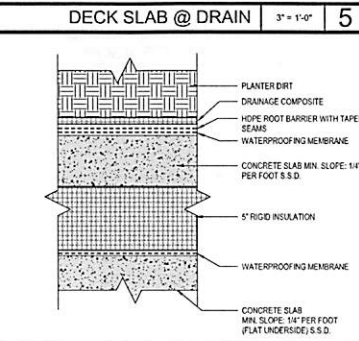
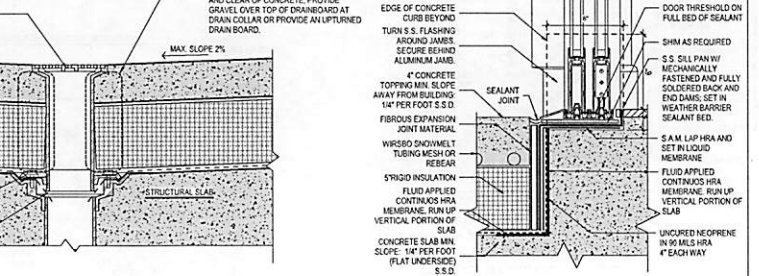
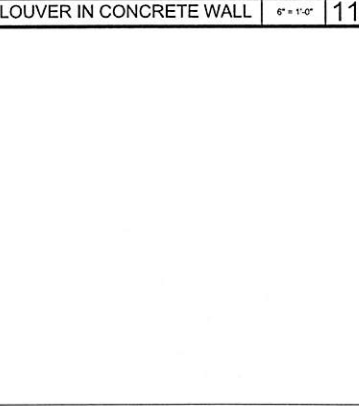
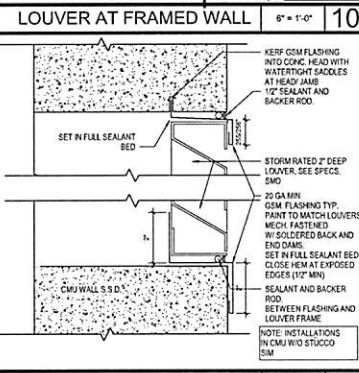
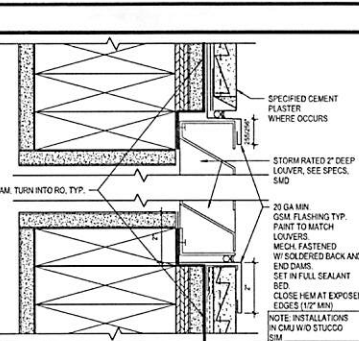
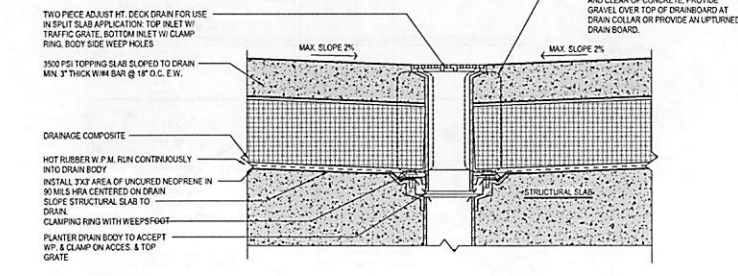
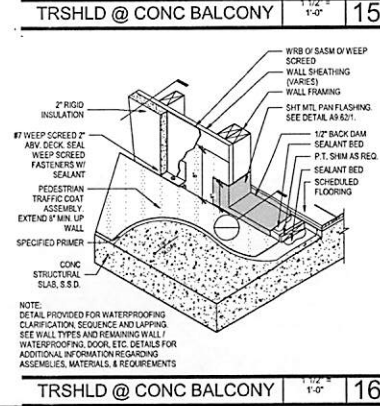
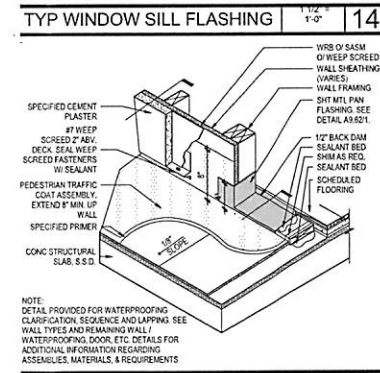
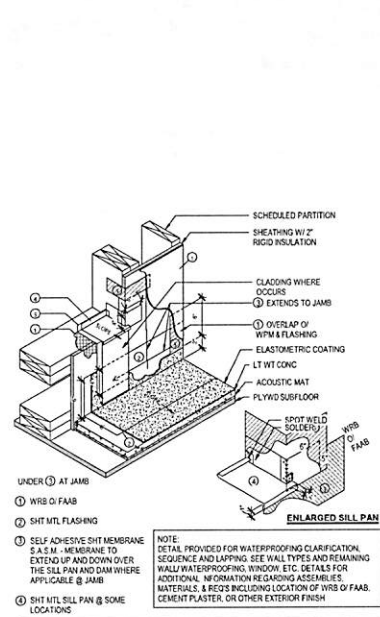
POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

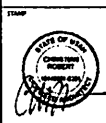
SHEET TITLE: EXTERIOR DETAILS

Rev.	Description	Date

DATE: 06/27/17
SCALE: 1/12" = 1'-0"
SHEET NO: 236

No.	Description	Date
1	ISSUE FOR PERMITS	2/15/17
2	FOR NOTATION	2/15/17
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
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		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		





NOT FOR CONSTRUCTION UNLESS REVISION BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

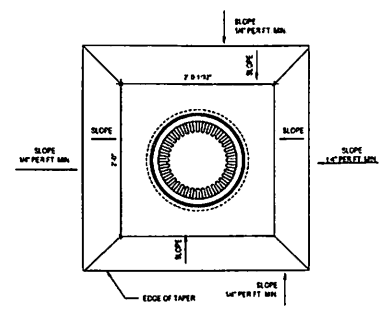
SHEET TITLE
ROOF DETAILS

No.	Description	Date
1	ISSUED FOR PERMITS	06/27/17
2	FOR REVIEW	06/27/17

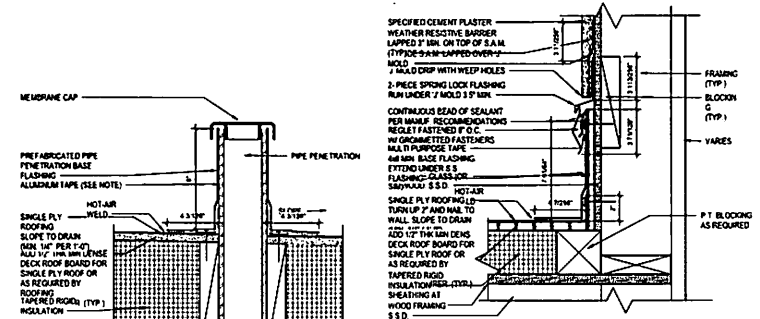
DATE
06/27/17

SCALE
 As Indicated

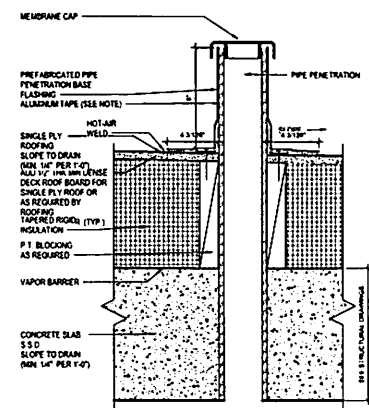
A93.01



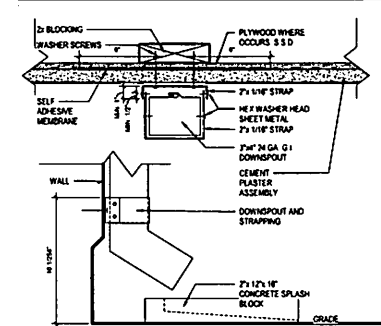
ROOF DRAIN PLAN 1/2\"/>



ROOF TO WD. FRAMED WALL 3\"/>

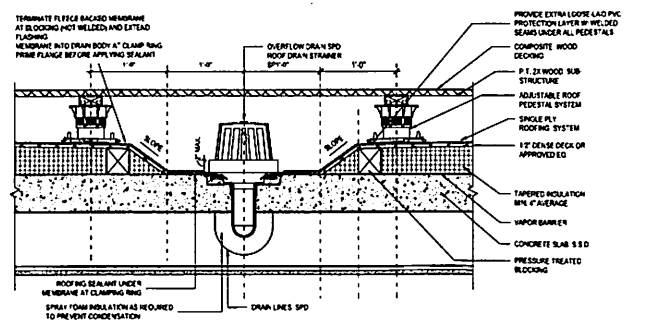


SEE ACoustICAL ON TAB 8 FOR PIPE TO ROOF STRUCTURE AT FINISH WATER
 1 ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED
 2 VAPOR BARRIER SHALL BE SEALED AT EDGES
 NOTE
 Roof penetration details for plumbing, mechanical electrical and equipment support, must include the following:
 (1) Regions that drain to a minimum of 18 inches of slope to allow and penetrate from each slope occurs, unless paragraph 8 calls
 (2) The use of girth anchors is not allowed due to the high seismic risk of failure
 Reinforced supporting penetrations and using stainless steel roof flashings as an alternative
 (3) The use of 2\"/>

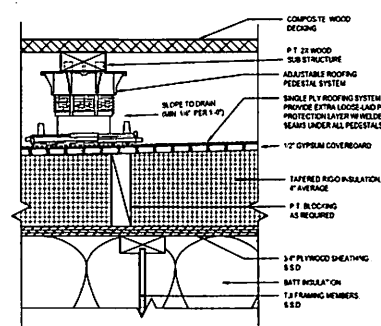


DOWNSPOUT @ SPLASH BLOCK 3\"/>

ROOF SLAB @ VENT 3\"/>

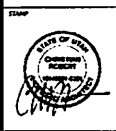


ROOF DRAIN @ CONCRETE 1/2\"/>



EXT WD ROOF W/ DECK 3\"/>

06/27/2017 11:24:48 AM



NOT FOR CONSTRUCTION UNLESS
APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

SHEET TITLE
WALL TYPES

No.	Description	Date
1	ISSUED FOR FOUNDATION PERMITS	07/19/17

1. All drawings (plans, elevations, sections and details) are the property of R&A Architects and shall remain the property of R&A Architects. No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of R&A Architects. 2. This drawing is not to be used for construction without the approval of R&A Architects. 3. R&A Architects is not responsible for any errors or omissions in this drawing. 4. The user of this drawing shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. 5. This drawing is not to be used for any other project without the prior written permission of R&A Architects.

DATE: **06/27/17**
SCALE: **3" = 1'-0"**
SHEET NO: **A94.01**

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
J	2								

J TYPE

WALLS AND INTERIOR PARTITIONS, WOOD-FRAMED
GAFI E-NO. WP 2758 GEM ETC. 2-HOUR FIRE 50 to 54 STC
GYPSUM WALLBOARD WOOD STUDS
Base layer 5/8" Type X gypsum wallboard or gypsum veneer base applied at right angles to each side of 2 x 4 wood studs 16" o.c. staggered 1/2" o.c. on 2 x 8 wood studs, with 3/4" coated nails, 7" long, 0 CBS' Plank, 1/4" beads, 3/4" o.c. Face layer 5/8" Type X gypsum wallboard or gypsum veneer base applied at right angles to each side with 3/4" coated nails, 2 3/8" long, 0 11/16" beads, 9/32" heads, 6" o.c.
Joints staggered 1/2" each layer and side. Sound treated with nails for base layer instead.
6" o.c. Horizontal bracing required at mid-height (LOAD-BEARING)

Thickness 6"
Approx. Weight 13 psf
Face Nail See WP 4176 (#31 WP 300, 6-7/7-7/8)
Sound Treat NCC 2517, 5-19-72

(2) LAYER OF 5/8" GYP BOARD
2x4 STUDS AT 16" O.C. STAGGERED AT 6" O.C. ON 2x8 PLATE
BATT INSULATION
(2) LAYERS OF 5/8" GYP BOARD

K TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
E									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

E TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
F									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

F TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
G									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

G TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
H									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

H TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
A									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

A TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
B									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

B TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
C									

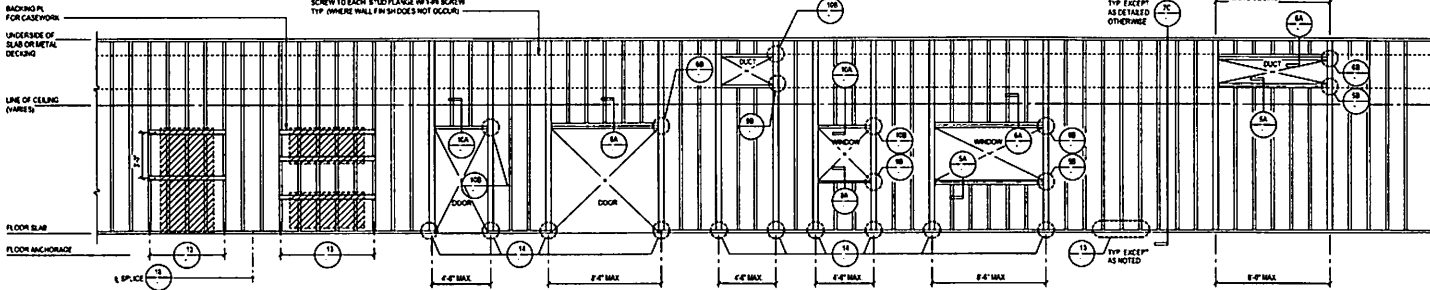
PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

C TYPE

PARTITION TYPE NAME	FRAMING		DETAILS		ATTEN. THK.	FIRE RTO.	TESTED ASSEMBLY	STC RTO.	SHEET NOTES
	THK. (IN)	DEPTH (IN)	TOP	BOT.					
D									

PROVIDE WOOD FRAMING IN LOCATIONS AS PER STRUCTURAL

D TYPE



8 FRAMING DIAGRAM

- GENERAL NOTES**
- A. ALL STUD FRAMING SHALL BE 2X4 @ 16" O.C. TYP. OR 18 GA AT MEDIAN OR HEAVY DUTY BACKING PLATE CONSTRUCTION.
 - B. ALL STUDS SHALL BE "C" STUDS WITH STIFFENED FLANGES EXCEPT FOR FRAMING OF SHUTTLE WALLS WHICH SHALL BE TOP STUDS.
 - C. TOP AND BOTTOM TRACKS SHALL BE SAME GAUGE AS STUDS EXCEPT AT SUBPARTITION PARTITIONS. REFER TO DETAILS.
 - D. ALL STUD FRAMING SHALL BE FULL HEIGHT FROM STRUCTURAL SLAB TO THE UNDERSIDE OF THE ROOF OR FLOOR DECK ABOVE UNLESS NOTED OTHERWISE.
 - E. WHERE CONDITIONS IN THE FIELD OCCUR WHICH MAKE IT DIFFICULT TO FRAME A PARTITION FULL HEIGHT THE ARCHITECT MAY AT HIS DISCRETION ALLOW THE CONTRACTOR TO FRAME THE PARTITION AT A LOWER HEIGHT PROVIDED THAT THE BRACING IS ACCORDANCE WITH THE DETAILS PROVIDED HEREIN OR AS DIRECTED BY THE ARCHITECT.
 - F. DOUBLE OR LARGE FLANGE STUDS AT THE SIDES OF OPENINGS SHALL NOT BE USED FOR ANY REASON.
 - G. WHERE BELIEVED OF THE BACKING PLATES TO THE STUDS BURNING THROUGH EXCEED THE STUD PLATE ON BOTH THE DAMAGED MATERIAL SHALL BE REPLACED WITH NEW MATERIAL.
 - H. SEE SHEETS FOR ADDITIONAL REQUIREMENTS.
 - I. PROVIDE MEDIAN TO HEAVY DUTY BACKING PLATES BRACING A MINIMUM OF 2X STUDS AS THE FOLLOWING: HORIZONTAL WALL AND BASE CABINET'S COURTESY, FIRE EXTINGUISHER CABINET'S, SHOWERS SEATS, LINENS, PARTITIONS, CLOSET ROOF.
 - J. PROVIDE MEDIAN TO LIGHT DUTY BACKING PLATES AT THE FOLLOWING: PAPER TOWEL DISPENSERS, SOAP DISPENSERS, BUMP DISPENSERS, AND SIMILAR WALL ATTACHED BOWLED ACCESSORIES.

R&A
REGISTERED ARCHITECTS

198 South Howard Ave. #2
Cedar Dr. 2nd Fl.
Salt Lake City, UT 84143
Phone: 313.222.2222

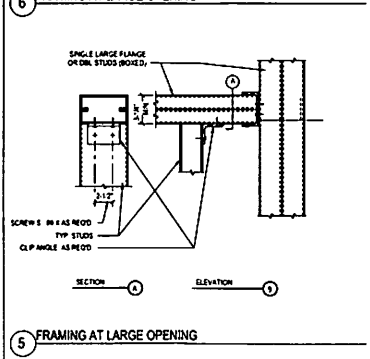
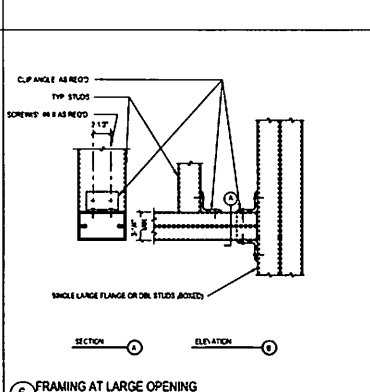
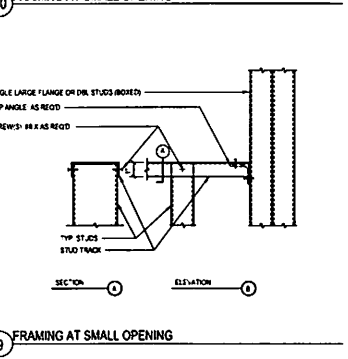
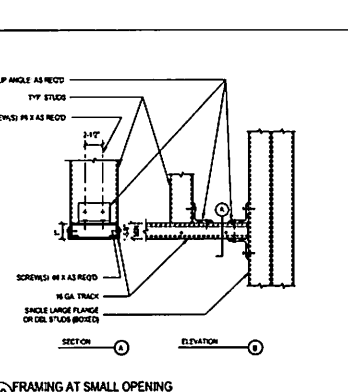
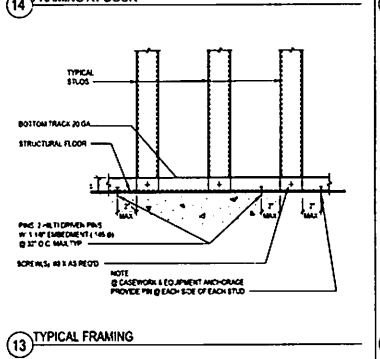
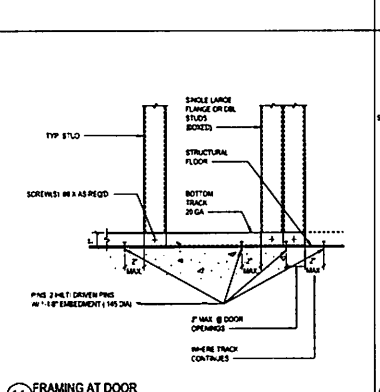
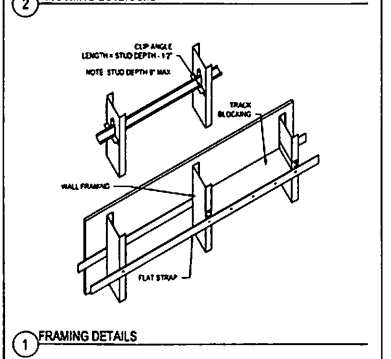
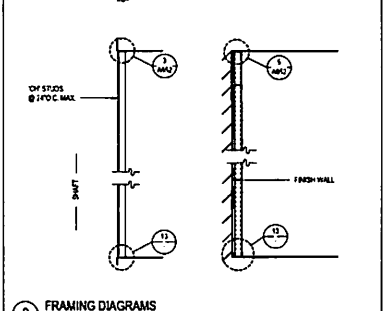
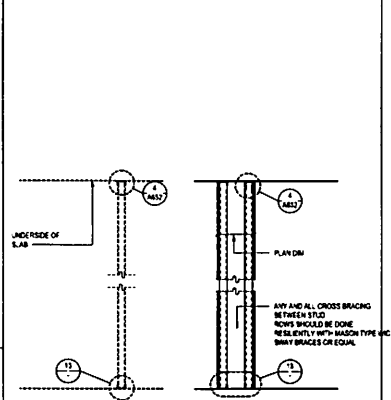
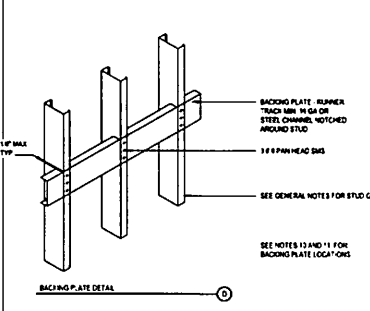
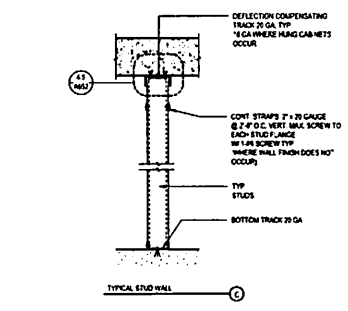
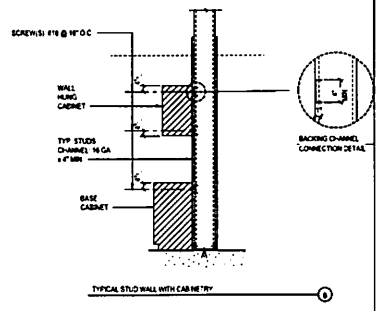
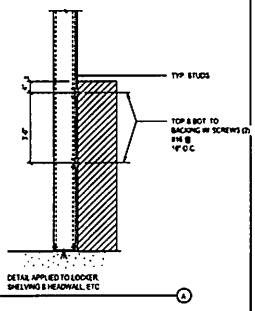
NOT FOR CONSTRUCTION UNLESS
FOOTED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

SHEET TITLE: **FRAMED WALLS DETAILS**

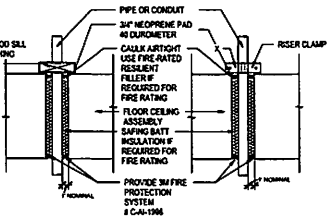
No.	Description	Date
1	FRAMED WALLS	06/27/17
2	FRAMED WALLS	06/27/17
3	FRAMED WALLS	06/27/17
4	FRAMED WALLS	06/27/17
5	FRAMED WALLS	06/27/17
6	FRAMED WALLS	06/27/17
7	FRAMED WALLS	06/27/17
8	FRAMED WALLS	06/27/17
9	FRAMED WALLS	06/27/17
10	FRAMED WALLS	06/27/17
11	FRAMED WALLS	06/27/17
12	FRAMED WALLS	06/27/17
13	FRAMED WALLS	06/27/17
14	FRAMED WALLS	06/27/17

DATE: 06/27/17
SCALE: 1" = 1'-0"
SHEET NO: 236
A94.02

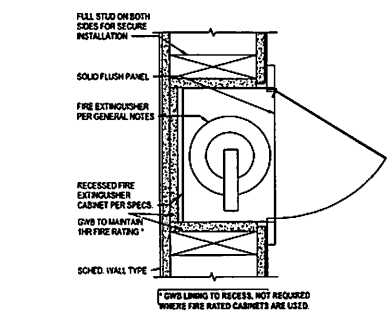
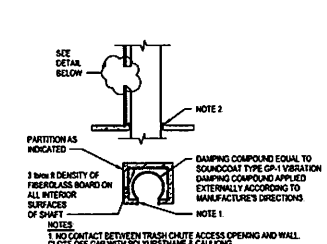
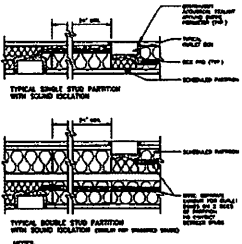


06/27/17 11:25:08 AM

ALL IF THIS SHEET IS NOT 100% OF IT IS A REWORKED PRINT



NOTE:
 1. STEEL ELECTRICAL BOXES SHALL NOT EXCEED 14 SQUARE INCHES, AND SHALL NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET, AND SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES WHEN ON OPPOSITE SIDES OF THE WALL.
 2. WHEN OUTLETS ARE LOCATED ON THE SAME SIDE OF THE WALL, A MAXIMUM SPACING OF 12\"/>

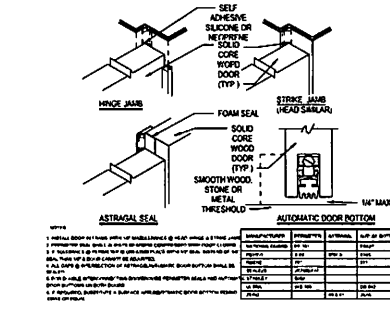
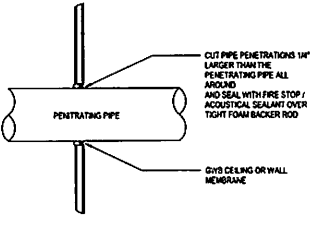
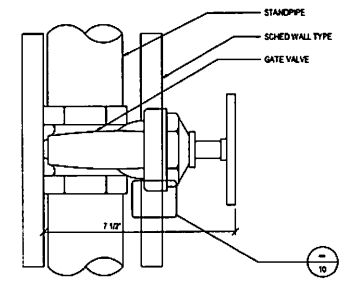


0-PIPE ISOLATION 1 1/2\"/>

ACOUSTIC - OUTLET BOXES 1 1/2\"/>

ACOUSTIC - TRASH CHUTE 1 1/2\"/>

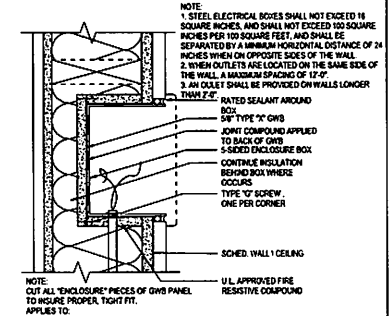
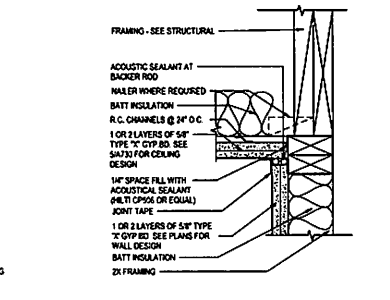
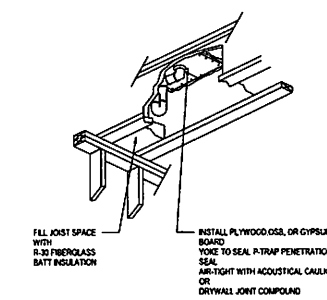
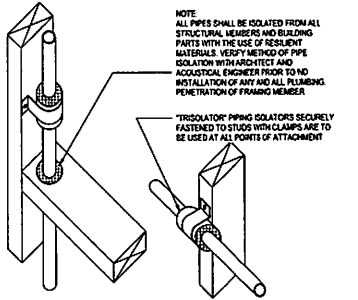
RECESSED F.E. CABINET 3/32\"/>



GATE VALVE FRAMED WALL 1 1/2\"/>

SEALANT PIPE PENETRATION 1 1/2\"/>

ACOUSTIC - DOOR SEALS 1 1/2\"/>

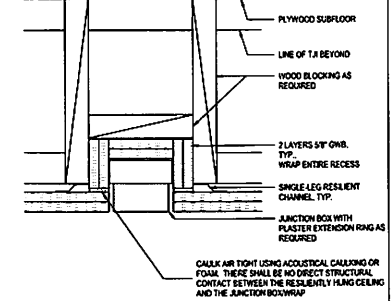
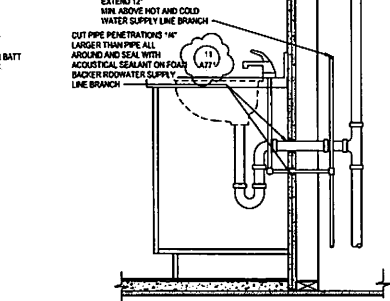
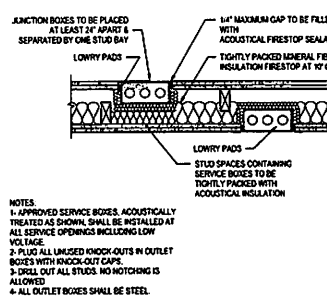
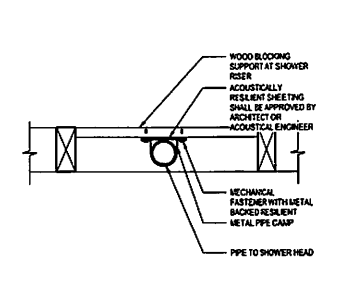


ACOUSTIC PIPE ISOLATION 5\"/>

ISOLATION @ P-TRAPS 5\"/>

ACOUSTIC DET. @ CEILING 5\"/>

5-SIDED ENCLOSURE BOX 1 1/2\"/>



SHOWER RISER 5\"/>

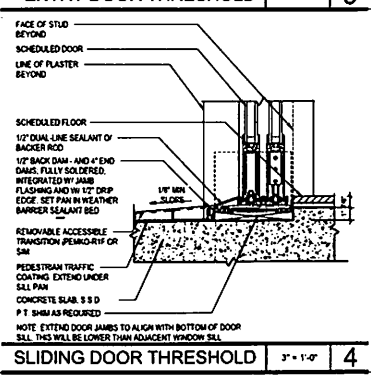
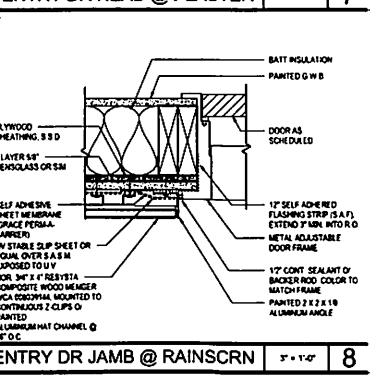
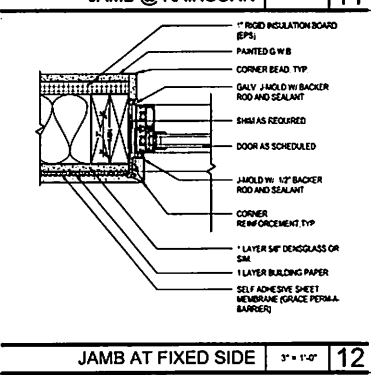
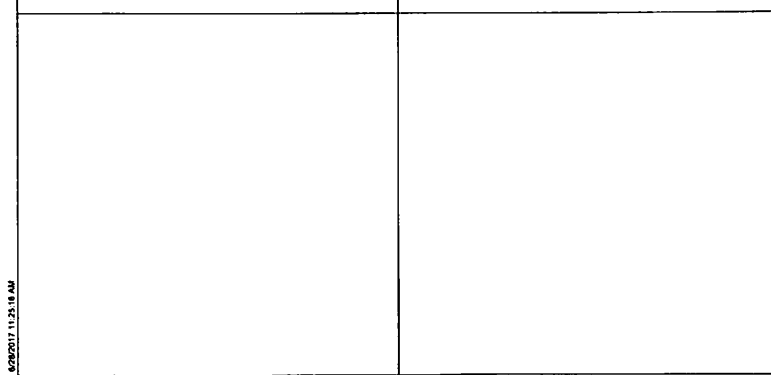
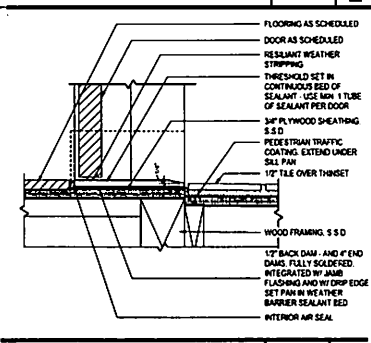
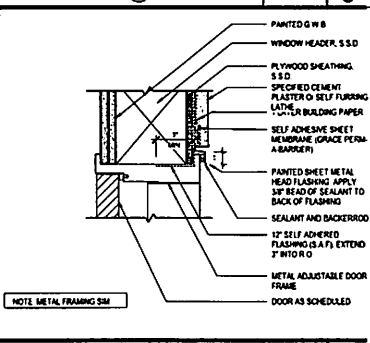
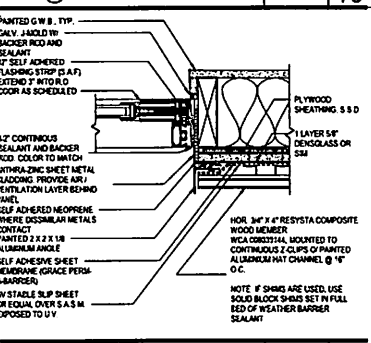
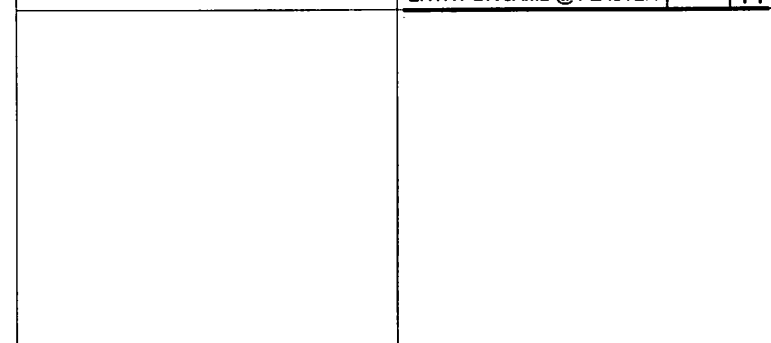
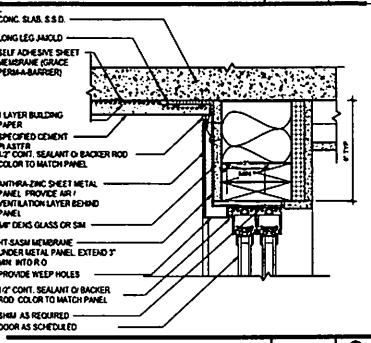
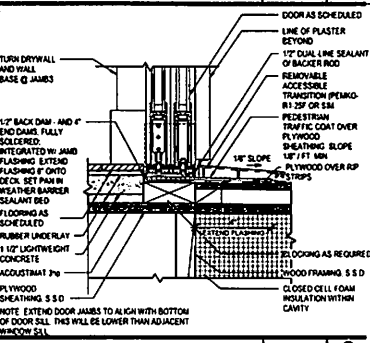
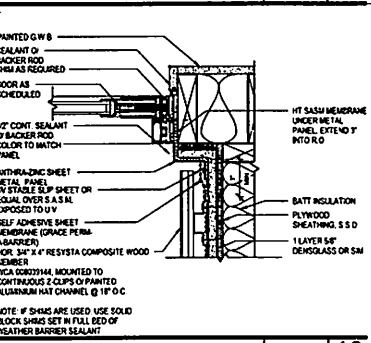
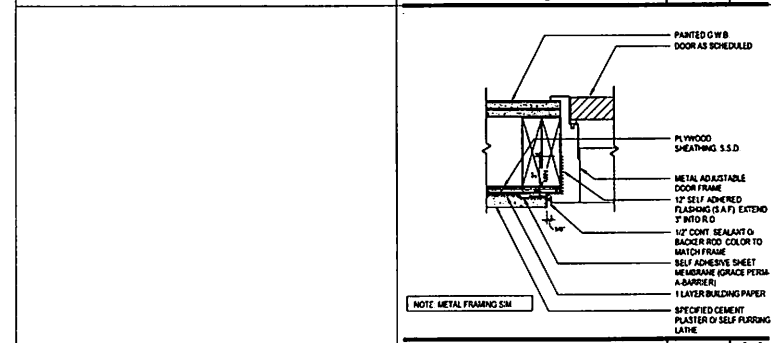
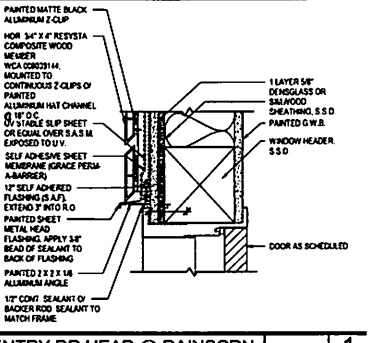
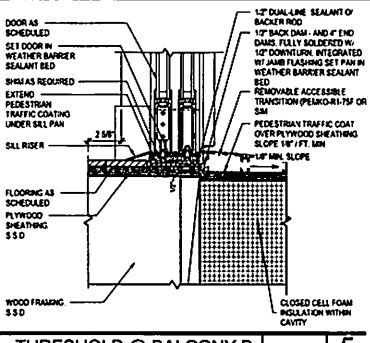
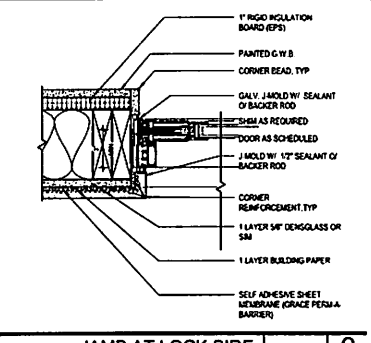
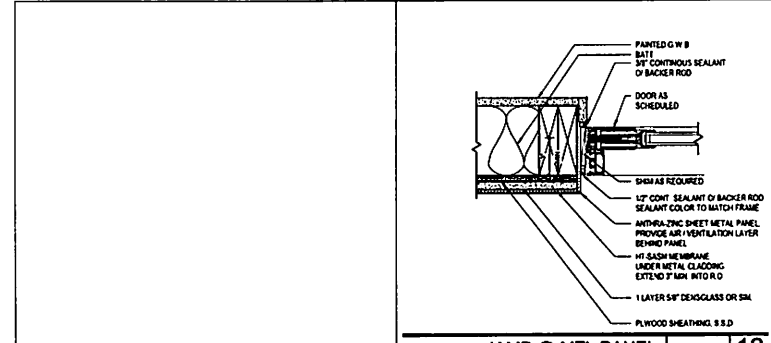
J-BOX @ DBL. STUD WALL 1 1/2\"/>

VERTICAL PIPE STUB @ SINK 1 1/2\"/>

RECESSED J-BOX CEILING 3/32\"/>

6/20/2017 11:25:16 AM

ALL DIMENSIONS UNLESS NOTED OTHERWISE ARE AS SHOWN



R&A
 1700 Stewart Avenue, Suite 100
 Glen Rock, NJ 07630
 201-761-0000
 www.randa.com

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

DOOR DETAILS

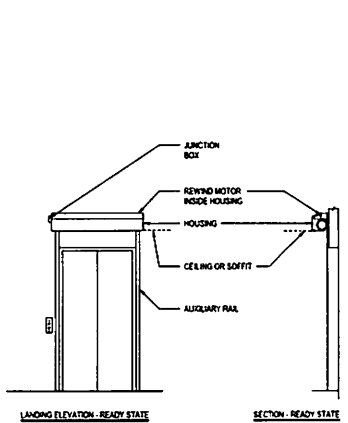
No.	Description	Date
13	JAMB @ MTL PANEL	
9	JAMB AT LOCK SIDE	
5	THRESHOLD @ BALCONY B	
1	ENTRY DR HEAD @ RAISCRN	
14	ENTRY DR JAMB @ PLASTER	
10	JAMB @ RAISCRN SIDEWALL	
6	THRESHOLD @ BALCONY A	
2	SLIDING DOOR HEAD	
11	JAMB @ RAISCRN	
7	ENTRY DR HEAD @ PLASTER	
3	ENTRY DOOR THRESHOLD	
12	JAMB AT FIXED SIDE	
8	ENTRY DR JAMB @ RAISCRN	
4	SLIDING DOOR THRESHOLD	

DATE: 06/27/17
 SCALE: 3" = 1'-0"
 SHEET NO: 236

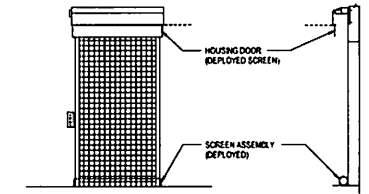
A95.01



NOT FOR CONSTRUCTION UNTIL
APPROVED BY THE ARCHITECT

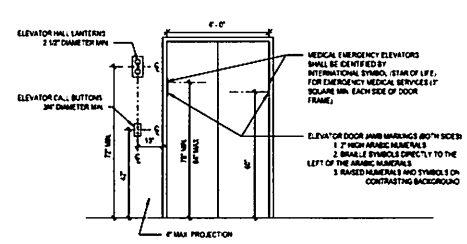


LANDING ELEVATOR - READY STATE SECTION - READY STATE



A ENLARGED CONTROL DIAGRAM

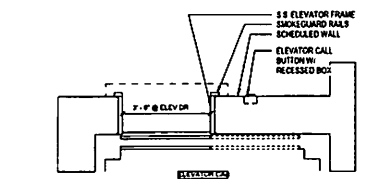
B INTERIOR ELEVATOR CONTROLS



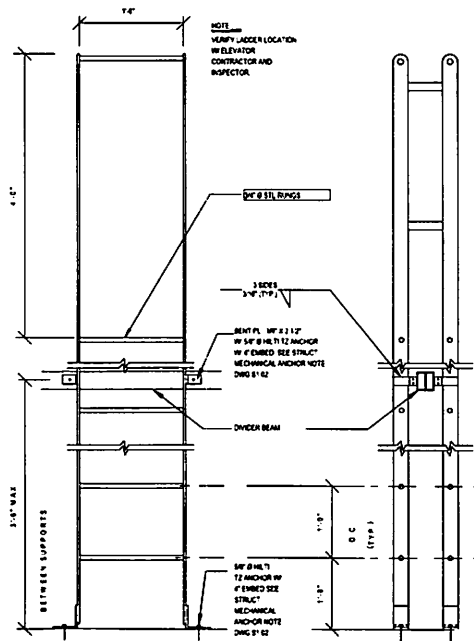
C EXTERIOR ELEVATOR CONTROLS

ELEVATOR CONTROLS 1/4\"/>

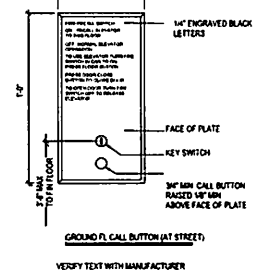
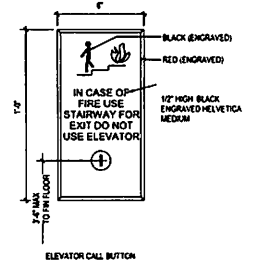
LANDING ELEVATOR - DEPLOYED STATE SECTION - DEPLOYED STATE
SMOKEGRD GEN. ELEV. & SECT 3\"/>



ELEV. JAMB @ PARKING LEVEL 1/2\"/>



PIT LADDER 1/4\"/>



ELEVATOR CALL BUTTONS 1/8\"/>

ELEVATOR DETAILS

No.	Description	Rev.
1	REVISED FOR PROVISIONAL SUBMITTAL	2/7/17

THE DRAWING IS A PRELIMINARY DESIGN AND SHOULD NOT BE USED FOR CONSTRUCTION OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN APPROVAL OF R&A ARCHITECTS, P.C. THE ARCHITECT ASSUMES NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DRAWING. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION PROVIDED BY OTHER PROFESSIONALS OR FOR THE RESULTS OF ANY TESTS OR ANALYSES PERFORMED BY OTHER PROFESSIONALS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY THE ARCHITECT. THE ARCHITECT'S LIABILITY DOES NOT EXTEND TO ANY OTHER PROFESSIONALS OR TO THE RESULTS OF ANY TESTS OR ANALYSES PERFORMED BY OTHER PROFESSIONALS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY THE ARCHITECT.

The following items must be performed or provided at no cost to Otis Elevator Company (Otc) by the Owner or General Contractor...

General Prep/Work

- 1. Provide on-site storage area for elevator equipment as follows: dry and enclosed, provide roll-aide access to the elevator hoistway at the ground level...
2. Provide sufficient on-site release containers for the proper disposal of elevator packaging material.

Hoistway & Pit Prep/Work

- 4. Provide and install a steel, I-beam shaped safety beam with a maximum length width of 11'10" (220mm), from side wall to side wall at the top of the hoistway, capable of withstanding a minimum net live load of 7500 lb (3402 kg) per elevator.
Option 1: An additional steel I-beam needs to be provided and installed. It is to be located per the Ots layout & sized the same as the safety beam...
Option 2: No second beam needed. Place a transformer in an electrical room.

- 9. A) Protection from Falls: As required by the Occupational Safety and Health Administration (OSHA) 1926 602 B) (1-3) a freestanding removable barricade at each hoistway opening at each floor.
B) Protection from Falling Objects: As required by the Occupational Safety and Health Administration (OSHA) 1926 502(j) hoistway protection from falling debris and other objects.

- 10. Provide a pit floor designed to sustain vertical forces (based on safety impact) on car and counterweight rails and impact loads on car and counterweight buffers as shown on the Ots layout.
11. The front entrance well at the main landing and top landing, is not to be constructed until after all elevator equipment is installed in the hoistway (the entire well - CLEAR HOISTWAY WIDTH - must be open for installation).

- 12. Provide and install a head vertical trim hanger in each pit as required by governing code and located per Ots layout or as coordinated with Otis personnel.
13. Install permanent light fixture in each elevator pit with illumination of not less than 100 to 110 fc (10 lux) as measured at the pit floor.

MRL Machine Space Prep/Work

- 14. Maintain the temperature at the top of the hoistway (machine space) between 32°F (0°C) and 104°F (40°C).
15. Provide and install guarding of counterweight in a multiple-elevator system as required, when a counterweight is located between elevators, the counterweight runway shall be guarded on the side next to the adjacent elevator.
17. Install a permanent light fixture at the top of the hoistway (machine space) of not less than 200-400 (19 lux) as measured at the level of the standing surface on the car when the elevator is at the top landing.

Control Room/Space and Machine Space Prep/Work

- 16. Provide a suitable workspace with lighting in accordance with applicable codes and regulations.
17. Provide illumination of control room(space)s of not less than 200 LUX (18 FC) as measured at floor level.
18. Provide control room(space)s with self-closing and self-locking doors with a group 2 locking device.
21. Install a permanent light fixture at the top of the hoistway (machine space) of not less than 200-400 (19 lux) as measured at the level of the standing surface on the car when the elevator is at the top landing.

Fire Prevention Prep/Work

- 24. Provide hoistway walls designed and constructed in accordance with the required fire rating.
25. In the United States provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated by Ots.
26. In Canada provide smoke detectors, located as required, with wiring from the sensing devices to the controller(s) designated by Ots.

- 27. In the United States, if sprinklers are installed in the hoistway(s), or machine space(s), a means to automatically disconnect the main line power supply of the affected elevator and any other power supply used to move the elevator used or prior to the application of water is required.
28. Provide an "AD" fire extinguisher, minimum 10 lb for machine space, and located convenient to the top landing elevator entrance.
29. Provide control room(space)s and door to code compliant fire-resistive construction.

Electrical Requirements

- 30. 3 Phase Power Control Room/Space: Provide a permanent three (3) phase electrical-feeder system with a separate equipment-grounding conductor terminating in the control room(space)s, located per Ots layout.

31. 3 Phase Power Control Room/Space: Provide a permanent three (3) phase electrical-feeder system with a separate equipment-grounding conductor terminating in the control room(space)s, located per Ots layout. Feeder conductors and grounding conductor sized according to elevator current characteristics as shown on the Ots Confirmation of Power Supply Form.

32. Provide a dedicated 125 volt, 16 ampere single-phase branch circuit with a fused disconnect switch or circuit breaker located at the point of power distribution in the building.

33. All 120 volt, 15 or 20 ampere single-phase receptacles installed in pit, machine space, control room(space)s shall be of the ground-fault circuit-interrupter type (GFCI).

34. Provide electric power for lights, tools, welding, hoisting, etc. during installation with sufficient power for starting, testing and adjusting the elevator.

35. Provide one (1) dedicated outside telephone line, per elevator, and terminated at the controller designated by the Ots construction superintendent.

36. In areas under the jurisdiction of ASME A17.1-2004/CSA B44 or later where the elevator travel is greater than or equal to 80 feet (18 meters), provide two-way voice communications means that shall enable emergency personnel with the building to establish communication to each car individually without intervention by a person within the car.

37. [Optional] For elevators having an intake building interior, provide a separate 120 volt, 15 ampere, single phase power supply with fused SPST disconnect switch or circuit breaker, located as required for inter-communicating system power supply.

38. [Optional] For installations having emergency (standby) power, provide the standby power unit and means for starting it. The emergency (standby) power unit shall deliver to the elevator via disconnect switches in the building power for at least 30 minutes.

39. An automatic power transfer switch for each power transfer to monitor both normal and emergency (standby) power conditions and to perform the transfer from one to the other. Switch to have two sets of normally closed dry contacts, one to be open when the switch is in the emergency (standby) power position, the other to open upon initiation of power transfer and to close when transfer is complete.

Note: The building Emergency (Standby Power) Generator system used to operate the elevator(s) shall be capable of supplying non-linear loads and be capable of absorbing the regenerated power listed on the Ots Confirmation of Power Supply Form.

Note: The building Emergency (Standby Power) Generator system used to operate the elevator(s) shall be capable of supplying non-linear loads and be capable of absorbing the regenerated power listed on the Ots Confirmation of Power Supply Form.

Note: The building Emergency (Standby Power) Generator system used to operate the elevator(s) shall be capable of supplying non-linear loads and be capable of absorbing the regenerated power listed on the Ots Confirmation of Power Supply Form.

UNPLANNED WORK: © OTIS ELEVATOR COMPANY 2004 ALL RIGHTS RESERVED.



POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

Table with columns for ELEVATOR CUTSHEET NORTH, including project information and revision tracking.

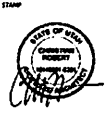
Gen2®

3500# @ 200 F.P.M.
SEISMIC 3+



A United Technologies Company

DWG NO: G2S 3500-PWBO
BUILDING: POWDER MOUNTAIN NORTH ELEVATOR
LOCATION:
CONT WITH:
OWNER:
ARCHT:
CONTRACT NO:



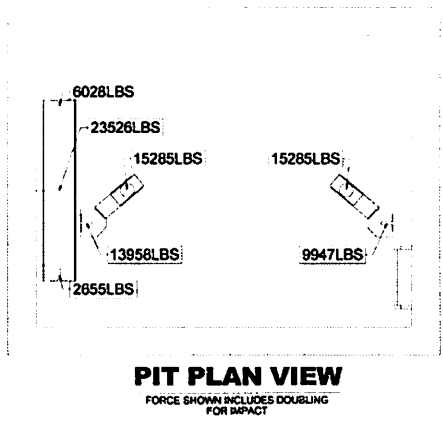
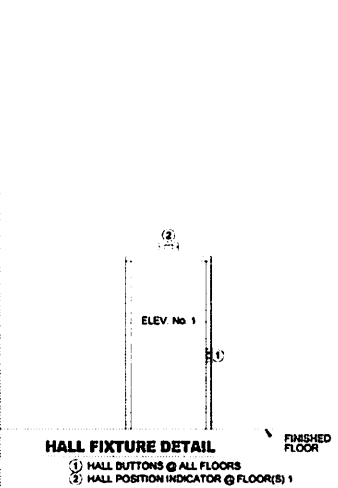
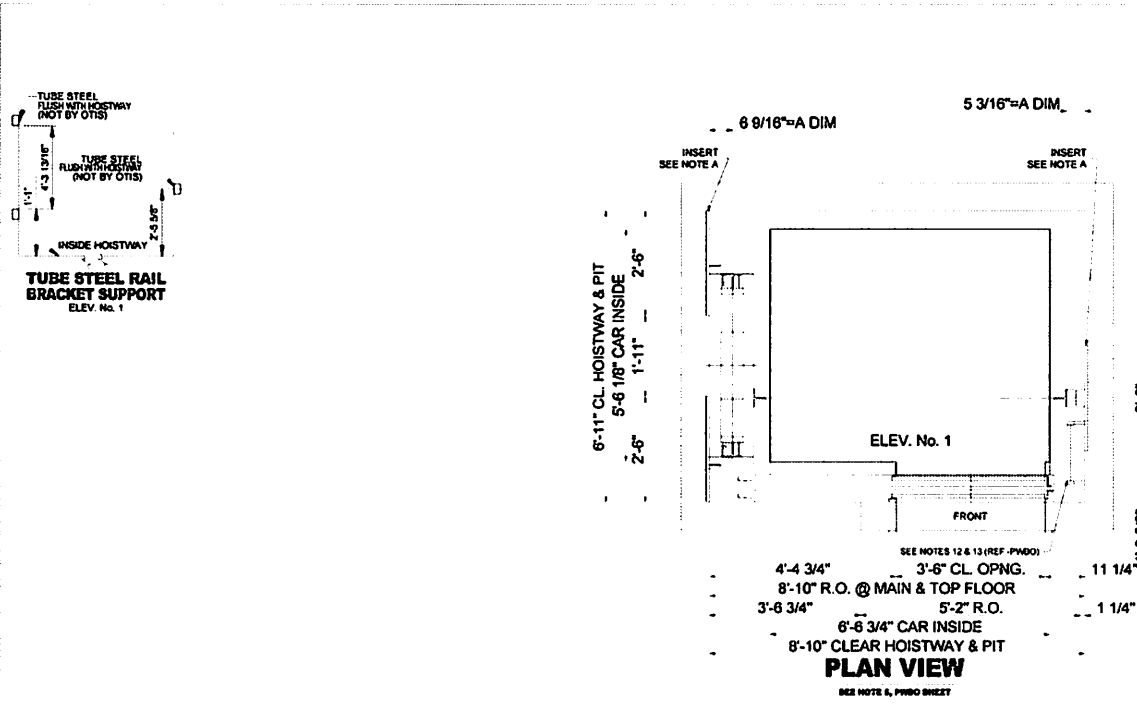
NOT FOR CONSTRUCTION UNLESS
 SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

ELEVATOR CUTSHEET - NORTH

No.	Description	Date
1	ISSUED FOR PERMIT APPLICATION	07/16/17

THE ARCHITECT ASSUMES NO LIABILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN UNLESS THE INFORMATION IS OBTAINED FROM THE ARCHITECT'S OWN INVESTIGATION OR FROM A SOURCE REPUTED TO BE RELIABLE BY THE ARCHITECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY THE ARCHITECT. THE ARCHITECT DOES NOT WARRANT THE ACCURACY OF THE INFORMATION CONTAINED HEREIN FOR ANY OTHER PURPOSES. THE ARCHITECT'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED BY THE ARCHITECT. THE ARCHITECT DOES NOT WARRANT THE ACCURACY OF THE INFORMATION CONTAINED HEREIN FOR ANY OTHER PURPOSES.



NOTE A
 THESE DIMENSIONS ARE BASED ON HOISTWAY SIZES SHOWN & 30" INSERTS IF EITHER OF THESE VARY, CONSULT THE SALES REPRESENTATIVE.

APPROVAL
 THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED

SIGNED _____ DATE _____

THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY (HEREIN "OTIS"). IT IS LOANED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR OR ON BEHALF OF OTIS. NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF OTIS AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY 2004
 ALL RIGHTS RESERVED.

Gen2^R
 3500# @ 200 F.P.M.
 SEISMIC 3+

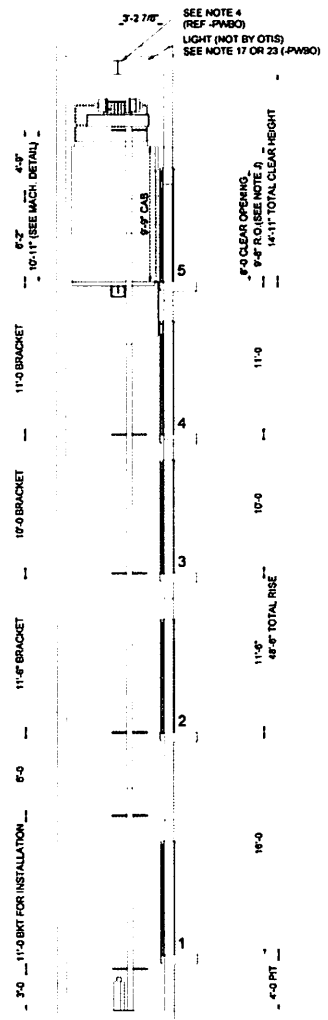


DWG. NO.: **G2S 3500-PN**
 BUILDING: **POWDER MOUNTAIN NORTH ELEVATOR**
 LOCATION:
 CONT. WITH:
 OWNER:
 ARCHT.:
 CONTRACT NO.:



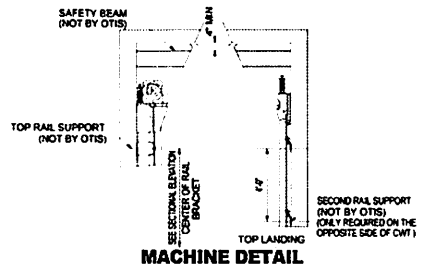
SECTIONAL ELEVATION

FOR MAX. SPACING BETWEEN INSERTS SEE RAIL FORCE DETAIL



SEE NOTE 4 (REF. PW80) LIGHT (NOT BY OTIS) SEE NOTE 17 OR 23 (PW80)

8'-0" CLEAR OPENING
8'-0" R.O. (SEE NOTE J)
14'-11" TOTAL CLEAR HEIGHT



MACHINE DETAIL

RAIL FORCE & BRACKET SPACING DETAIL

SEE NOTES 6 & 7	
R1	434 lbs
R2	75 lbs
VX	1891 lbs
VY	948 lbs
MAXIMUM BRACKET SPACING	
12' 0"	
RAIL SIZE	
R1	208 lbs
R2	19 lbs
VX	1884 lbs
VY	907 lbs
MAXIMUM BRACKET SPACING	
12' 0"	
RAIL SIZE	
R1	850 lbs
R2	1500 lbs
DEH (DEAD END HITCA)	
R1	850 lbs
R2	1500 lbs

IN MULTICAR GROUPS THE VALUES ABOVE ARE THE LARGEST VALUES FOR THE ENTIRE GROUP

FIRST INTERMEDIATE RAIL SUPPORT LOCATION TO BE LOCATED 14' 0" FROM PIT FLOOR. ALL OTHER INTERMEDIATE SUPPORTS CANNOT EXCEED THE MAXIMUM BRACKET SPACING IN THE RAIL FORCE & BRACKET SPACING DETAIL.

CAR R1 = SAFETY APPLICATION
CWT R1 = LOADING OR RUNNING
R2 = LOADING OR RUNNING

REQUIREMENTS FOR RAIL BRACKET SUPPORT (NOT BY OTIS)
DEFLECTION NOT TO EXCEED 1/8" BASED ON HORIZONTAL RAIL FORCES

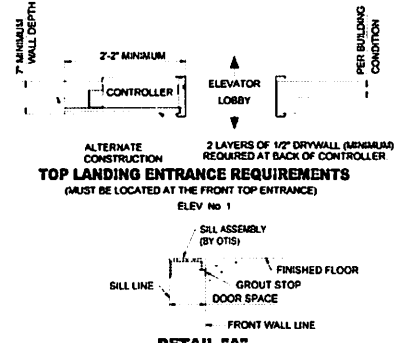
NOTE J
ROUGH OPENING AT ALL FLOORS, EXCEPT TOP LANDING, EQUALS 8'-10" TOP LANDING EQUALS 9'-2"

APPROVAL
THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED

SIGNED: DATE:

THIS WORK AND THE INFORMATION CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY (OTIS). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR OR ON BEHALF OF OTIS. NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF OTIS AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY 2004 ALL RIGHTS RESERVED



DETAIL "A" SILL SUPPORT

ADEQUATE SUPPORT AT ALL FASTENING POINTS OF ENTRANCE ASSEMBLY REQUIRED. MUST WITHSTAND A HORIZONTAL PULL-OUT FORCE OF 140 LBS @ EA. FASTENING POINT (B @ EA ENTRANCE) INCLUDING SUPPORT FOR CENTER SILL SUPPORT BRACKET (NOT BY OTIS)

Gen2[®]

3500# @ 200 F.P.M. SEISMIC 3+



DWG. NO.: G2S 3500-EL

BUILDING POWDER MOUNTAIN NORTH ELEVATOR LOCATION
CONT. WITH OWNER ARCHT.
CONTRACT NO



NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
5752 N. Copper Crest
Eden, UT 84310

SHEET TITLE
ELEVATOR CUTSHEET - NORTH

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	06/27/17

THE ARCHITECT, ENGINEER OR OTHER PROFESSIONAL PERSON SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. OTIS ELEVATOR COMPANY SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE ARCHITECT, ENGINEER OR OTHER PROFESSIONAL PERSON SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. OTIS ELEVATOR COMPANY SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.

DATE 06/27/17
SCALE
SHEET NO. 236

A97.53



NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

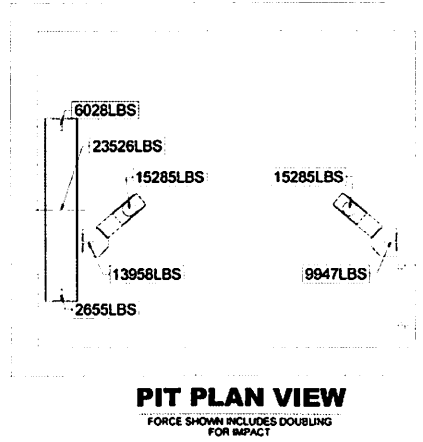
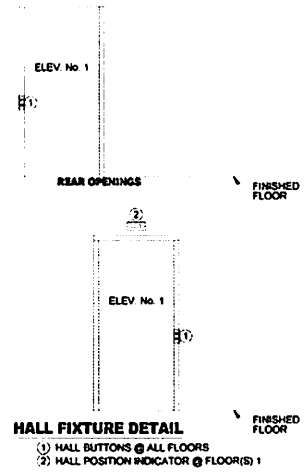
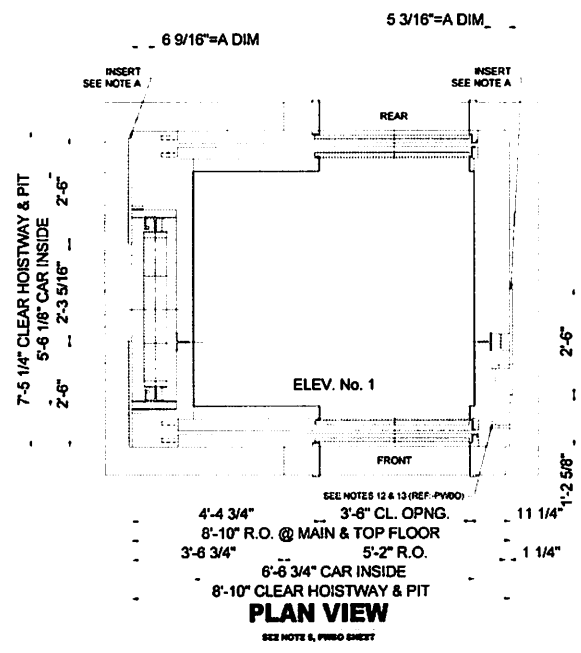
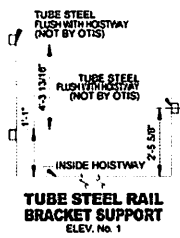
ELEVATOR CUTSHEET - SOUTH

No.	Description	Date
1	ISSUED FOR PERMITS	07/17/17

Gen2[®]
 3500# @ 200 F.P.M.
 SEISMIC 3+
Otis
 A United Technologies Company

DWG. NO. **G2S 3500R-PN**
 BUILDING **POWDER MOUNTAIN SOUTH ELEVATOR**
 LOCATION
 CONT. WITH
 OWNER
 ARCHT
 CONTRACT NO.

DATE **06/27/17**
 SCALE
 SHEET NO. **A97.55**



NOTE A
 THESE DIMENSIONS ARE BASED ON HOISTWAY SIZES 51 OMM & 30\"/>

APPROVAL
 THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVE:

SIGNED: _____ DATE: _____

THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY (OTIS). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR OR ON BEHALF OF OTIS. IT IS HEREBY FOR THE BENEFIT OF OTIS. IT IS NOT TO BE REPRODUCED, COPIED, DISCLOSED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF OTIS AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
 UNPUBLISHED WORK © OTIS ELEVATOR COMPANY 2004
 ALL RIGHTS RESERVED.

Gen2[®]
 3500# @ 200 F.P.M.
 SEISMIC 3+

Otis
 A United Technologies Company

DWG. NO. **G2S 3500R-PN**
 BUILDING **POWDER MOUNTAIN SOUTH ELEVATOR**
 LOCATION
 CONT. WITH
 OWNER
 ARCHT
 CONTRACT NO.



NOTE: DO NOT SCALE THE DRAWING REFER TO DWG'S NO. G2S 3500R-PN00 TO G2S 3500R-PN01

EXPRESS DRAWING PER 13

6/28/2017 11:25:44 AM

IF THIS SHEET IS NOT 11x17 AT IT IS A REVISED PRINT

SHEET TITLE
ELEVATOR CUTSHEET - SOUTH

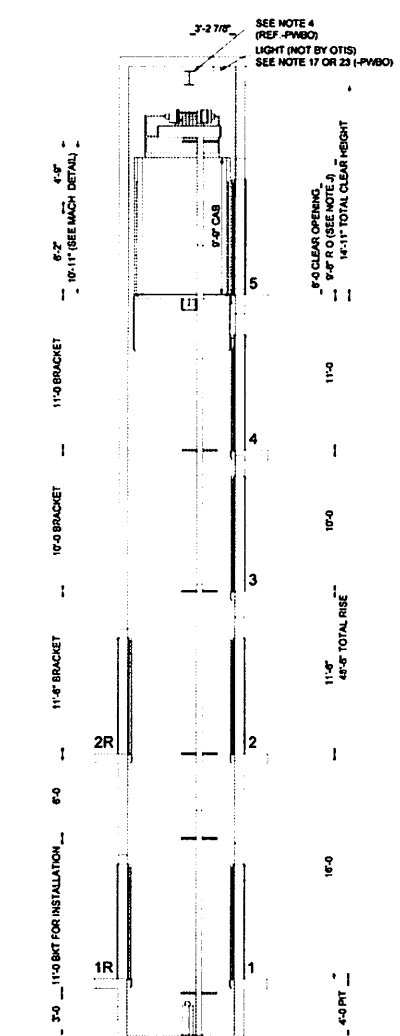
NO.	DESCRIPTION	DATE
1	FOUNDATION PLAN	07/17/17

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY 2004
 ALL RIGHTS RESERVED

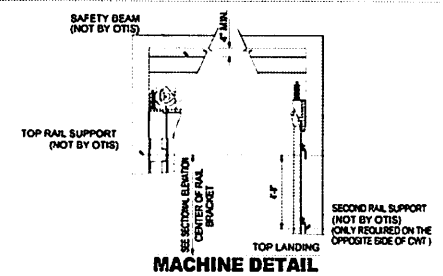
Gen2^R
 A United Technologies Company

DWG. NO.: **G2S 3500R-EL**
 BUILDING: **POWDER MOUNTAIN SOUTH ELEVATOR**
 LOCATION:
 CONT. WITH:
 OWNER:
 ARCHT:
 CONTRACT NO:

DATE: **06/27/17**
 SCALE:
 SHEET NO:
A97.56



SECTIONAL ELEVATION
 FOR MAX. SPACING BETWEEN INSERTS SEE RAIL FORCE DETAIL



RAIL FORCE & BRACKET SPACING DETAIL

SEE NOTES 6 & 7

	R1	R2
CAR	434 lbs	75 lbs
	VX	1891 lbs
	VY	945 lbs
		12'-0"
		1-1/2"
CWT	200 lbs	19 lbs
	VX	1994 lbs
	VY	997 lbs
		12'-0"
		1-1/2"

DEH R1 600 lbs
 (DEAD END HITCH) R2 1500 lbs

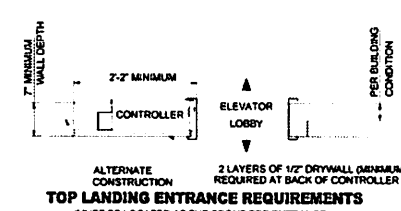
IN MULTICAR GROUPS THE VALUES ABOVE ARE THE LARGEST VALUES FOR THE ENTIRE GROUP

FIRST INTERMEDIATE RAIL SUPPORT LOCATION TO BE LOCATED 1/4" FROM PIT FLOOR. ALL OTHER INTERMEDIATE SUPPORTS CANNOT EXCEED THE MAXIMUM BRACKET SPACING IN THE RAIL FORCE & BRACKET SPACING DETAIL.

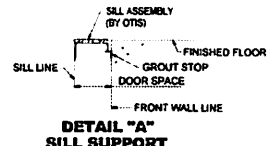
CAR R1 = SAFETY APPLICATION
 CWT R1 = LOADING OR RUNNING
 R2 = LOADING OR RUNNING

REQUIREMENTS FOR RAIL BRACKET SUPPORT (NOT BY OTIS)
 REFLECTION NOT TO EXCEED 1/8" BASED ON HORIZONTAL RAIL FORCES

NOTE J
 ROUGH OPENING AT ALL FLOORS, EXCEPT TOP LANDING, EQUALS 8'-10"
 TOP LANDING EQUALS 9'-6"



TOP LANDING ENTRANCE REQUIREMENTS
 (MUST BE LOCATED AT THE FRONT TOP ENTRANCE)



DETAIL "A" SILL SUPPORT

ADEQUATE SUPPORT AT ALL FASTENING POINTS OF ENTRANCE ASSEMBLY REQUIRED. MUST WITHSTAND A HORIZONTAL PULL-OUT FORCE OF 140 LBS. @ EA. FASTENING POINT (3 @ EA. ENTRANCE) INCLUDING SUPPORT FOR CENTER SILL SUPPORT BRACKET (NOT BY OTIS)

APPROVAL
 THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED

SIGNED: _____ DATE: _____

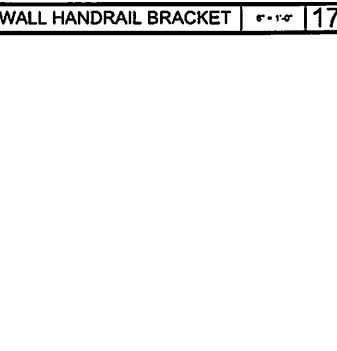
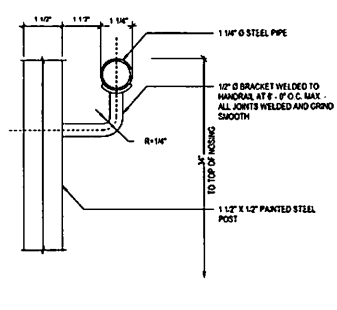
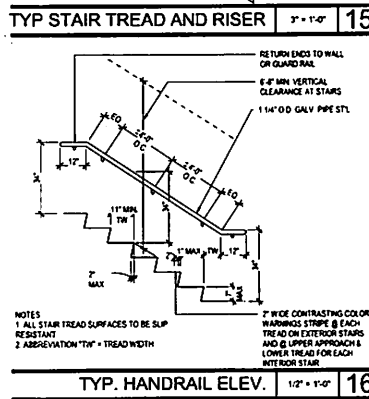
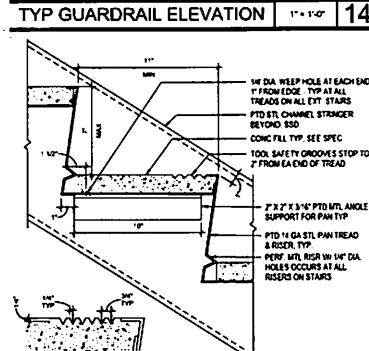
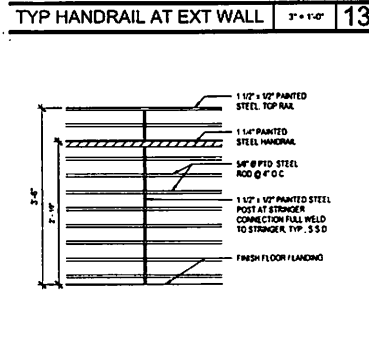
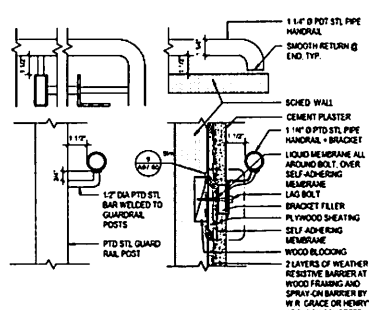
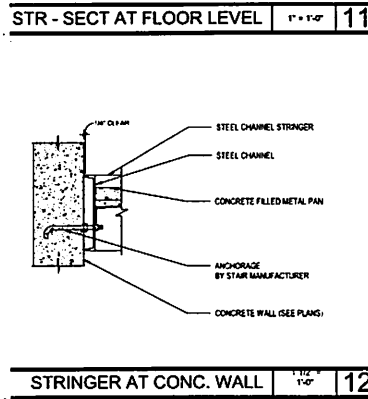
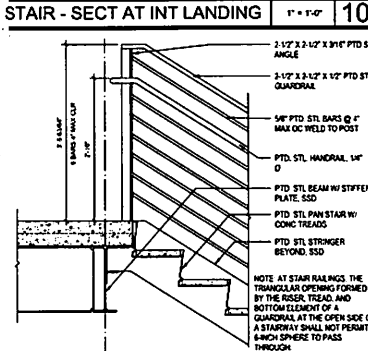
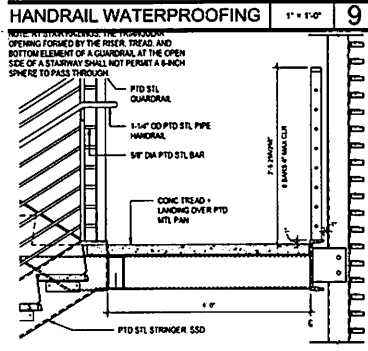
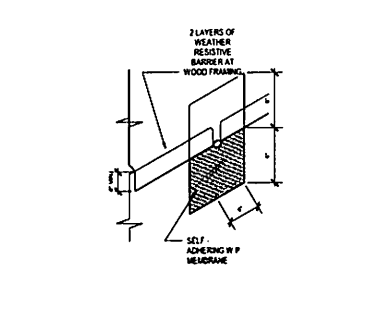
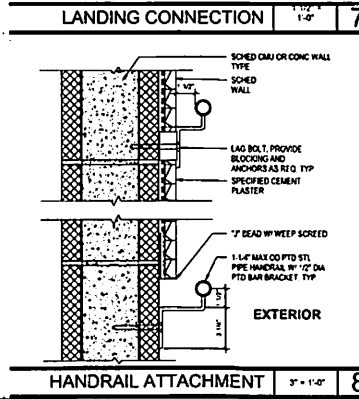
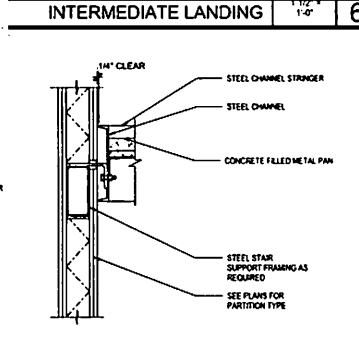
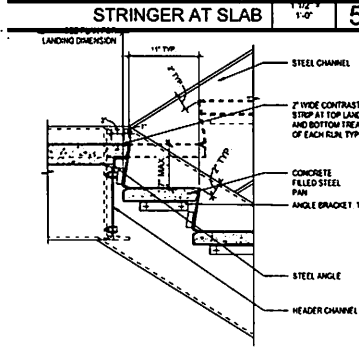
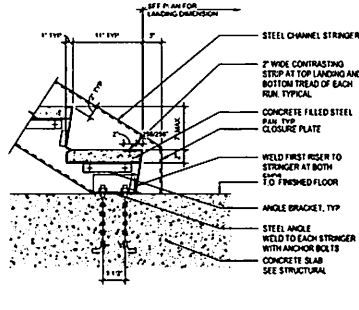
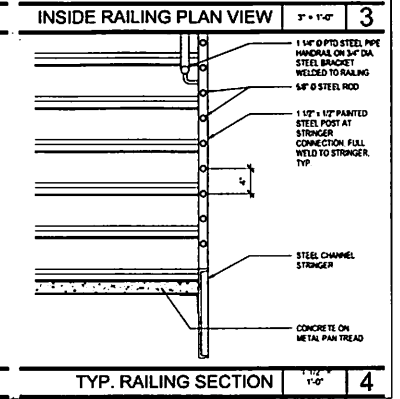
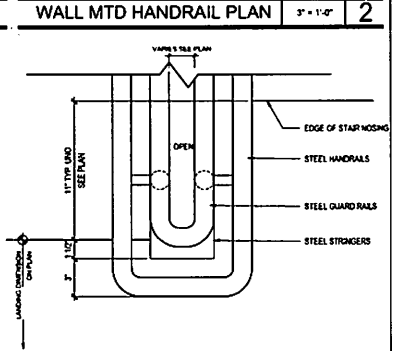
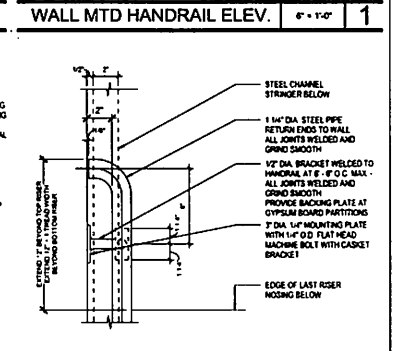
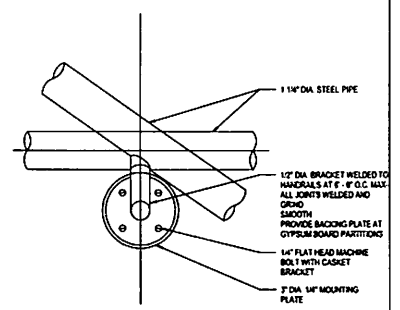
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY (OTIS). IT IS LOANED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR OR ON BEHALF OF OTIS. NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT THE WRITTEN CONSENT OF OTIS AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

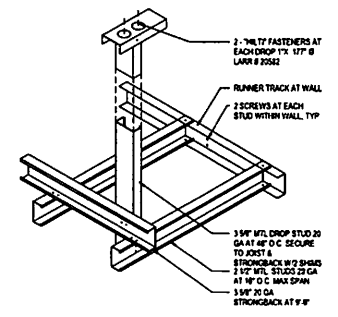
STAR GUARDRAIL DETAILS

No.	Description	Date
1	ISSUE FOR PERMIT	08/27/17
2	AS INDICATED	
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
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		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

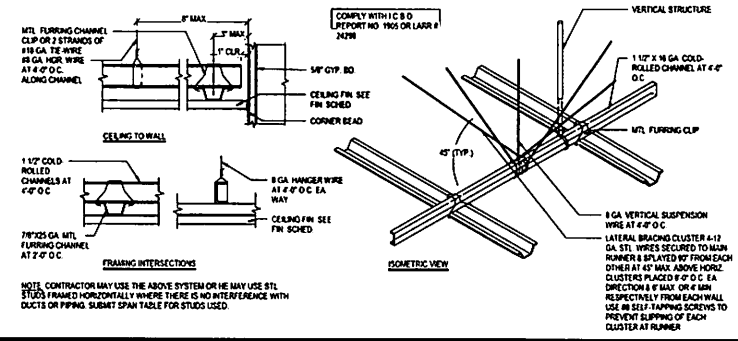




NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT



TYP MTL STUD CEILING N.T.S. **1**



SUSPENDED CEILING N.T.S. **2**

POWDER MOUNTAIN - PARCEL 2C
 5752 N. Copper Crest
 Eden, UT 84310

SHEET TITLE
CEILING DETAILS

No.	Description	Date
1	REVISED FOR FOUNDATION	2/17

THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL WORK AND MATERIALS FROM DAMAGE AND LOSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL WORK AND MATERIALS FROM DAMAGE AND LOSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL WORK AND MATERIALS FROM DAMAGE AND LOSS.

DATE: 06/27/17
 SCALE: 1/2" = 1'-0"
 SHEET NO: 236

A98.04

1. Design Criteria

Table with 2 columns: Item, Description. Includes items like 1.1 Existing Building Code, 1.2 Foundation, 1.3 Roof Load, 1.4 Live Load, 1.5 Wind Load, 1.6 Snow Load, 1.7 Seismic Load, 1.8 Other Loads.

Table with 2 columns: Item, Description. Includes items like 1.9 Foundation, 1.10 Structural Steel, 1.11 Concrete, 1.12 Masonry, 1.13 Glass, 1.14 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.15 Foundation, 1.16 Structural Steel, 1.17 Concrete, 1.18 Masonry, 1.19 Glass, 1.20 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.21 Foundation, 1.22 Structural Steel, 1.23 Concrete, 1.24 Masonry, 1.25 Glass, 1.26 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.27 Foundation, 1.28 Structural Steel, 1.29 Concrete, 1.30 Masonry, 1.31 Glass, 1.32 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.33 Foundation, 1.34 Structural Steel, 1.35 Concrete, 1.36 Masonry, 1.37 Glass, 1.38 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.39 Foundation, 1.40 Structural Steel, 1.41 Concrete, 1.42 Masonry, 1.43 Glass, 1.44 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.45 Foundation, 1.46 Structural Steel, 1.47 Concrete, 1.48 Masonry, 1.49 Glass, 1.50 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.51 Foundation, 1.52 Structural Steel, 1.53 Concrete, 1.54 Masonry, 1.55 Glass, 1.56 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.57 Foundation, 1.58 Structural Steel, 1.59 Concrete, 1.60 Masonry, 1.61 Glass, 1.62 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.63 Foundation, 1.64 Structural Steel, 1.65 Concrete, 1.66 Masonry, 1.67 Glass, 1.68 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.69 Foundation, 1.70 Structural Steel, 1.71 Concrete, 1.72 Masonry, 1.73 Glass, 1.74 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.75 Foundation, 1.76 Structural Steel, 1.77 Concrete, 1.78 Masonry, 1.79 Glass, 1.80 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.81 Foundation, 1.82 Structural Steel, 1.83 Concrete, 1.84 Masonry, 1.85 Glass, 1.86 Other Materials.

Table with 2 columns: Item, Description. Includes items like 1.87 Foundation, 1.88 Structural Steel, 1.89 Concrete, 1.90 Masonry, 1.91 Glass, 1.92 Other Materials.

2. General Notes: 2.1 All materials shall be installed in accordance with the manufacturer's instructions... 2.2 All work shall be done in accordance with the applicable codes and standards...

3. Foundation: 3.1 Foundation shall be installed in accordance with the manufacturer's instructions... 3.2 Foundation shall be installed in accordance with the applicable codes and standards...

4. Structural Steel: 4.1 Structural steel shall be installed in accordance with the manufacturer's instructions... 4.2 Structural steel shall be installed in accordance with the applicable codes and standards...

5. Concrete: 5.1 Concrete shall be installed in accordance with the manufacturer's instructions... 5.2 Concrete shall be installed in accordance with the applicable codes and standards...

6. Masonry: 6.1 Masonry shall be installed in accordance with the manufacturer's instructions... 6.2 Masonry shall be installed in accordance with the applicable codes and standards...

7. Glass: 7.1 Glass shall be installed in accordance with the manufacturer's instructions... 7.2 Glass shall be installed in accordance with the applicable codes and standards...

8. Other Materials: 8.1 Other materials shall be installed in accordance with the manufacturer's instructions... 8.2 Other materials shall be installed in accordance with the applicable codes and standards...

9. Installation: 9.1 Installation shall be done in accordance with the manufacturer's instructions... 9.2 Installation shall be done in accordance with the applicable codes and standards...

10. Maintenance: 10.1 Maintenance shall be done in accordance with the manufacturer's instructions... 10.2 Maintenance shall be done in accordance with the applicable codes and standards...

11. Safety: 11.1 Safety shall be maintained throughout the project... 11.2 Safety shall be maintained throughout the project...

12. Quality Control: 12.1 Quality control shall be maintained throughout the project... 12.2 Quality control shall be maintained throughout the project...

13. Documentation: 13.1 Documentation shall be maintained throughout the project... 13.2 Documentation shall be maintained throughout the project...

14. Change Orders: 14.1 Change orders shall be processed in accordance with the project manual... 14.2 Change orders shall be processed in accordance with the project manual...

15. Closeout: 15.1 Closeout shall be done in accordance with the manufacturer's instructions... 15.2 Closeout shall be done in accordance with the applicable codes and standards...

16. General Notes: 16.1 All materials shall be installed in accordance with the manufacturer's instructions... 16.2 All work shall be done in accordance with the applicable codes and standards...

17. Foundation: 17.1 Foundation shall be installed in accordance with the manufacturer's instructions... 17.2 Foundation shall be installed in accordance with the applicable codes and standards...

18. Structural Steel: 18.1 Structural steel shall be installed in accordance with the manufacturer's instructions... 18.2 Structural steel shall be installed in accordance with the applicable codes and standards...

19. Concrete: 19.1 Concrete shall be installed in accordance with the manufacturer's instructions... 19.2 Concrete shall be installed in accordance with the applicable codes and standards...

20. Masonry: 20.1 Masonry shall be installed in accordance with the manufacturer's instructions... 20.2 Masonry shall be installed in accordance with the applicable codes and standards...

21. Glass: 21.1 Glass shall be installed in accordance with the manufacturer's instructions... 21.2 Glass shall be installed in accordance with the applicable codes and standards...

22. Other Materials: 22.1 Other materials shall be installed in accordance with the manufacturer's instructions... 22.2 Other materials shall be installed in accordance with the applicable codes and standards...

23. Installation: 23.1 Installation shall be done in accordance with the manufacturer's instructions... 23.2 Installation shall be done in accordance with the applicable codes and standards...

24. Maintenance: 24.1 Maintenance shall be done in accordance with the manufacturer's instructions... 24.2 Maintenance shall be done in accordance with the applicable codes and standards...

25. Safety: 25.1 Safety shall be maintained throughout the project... 25.2 Safety shall be maintained throughout the project...

26. Quality Control: 26.1 Quality control shall be maintained throughout the project... 26.2 Quality control shall be maintained throughout the project...

27. Documentation: 27.1 Documentation shall be maintained throughout the project... 27.2 Documentation shall be maintained throughout the project...

28. Change Orders: 28.1 Change orders shall be processed in accordance with the project manual... 28.2 Change orders shall be processed in accordance with the project manual...

29. Closeout: 29.1 Closeout shall be done in accordance with the manufacturer's instructions... 29.2 Closeout shall be done in accordance with the applicable codes and standards...

30. General Notes: 30.1 All materials shall be installed in accordance with the manufacturer's instructions... 30.2 All work shall be done in accordance with the applicable codes and standards...

31. Foundation: 31.1 Foundation shall be installed in accordance with the manufacturer's instructions... 31.2 Foundation shall be installed in accordance with the applicable codes and standards...

32. Structural Steel: 32.1 Structural steel shall be installed in accordance with the manufacturer's instructions... 32.2 Structural steel shall be installed in accordance with the applicable codes and standards...

33. Concrete: 33.1 Concrete shall be installed in accordance with the manufacturer's instructions... 33.2 Concrete shall be installed in accordance with the applicable codes and standards...

34. Masonry: 34.1 Masonry shall be installed in accordance with the manufacturer's instructions... 34.2 Masonry shall be installed in accordance with the applicable codes and standards...

35. Glass: 35.1 Glass shall be installed in accordance with the manufacturer's instructions... 35.2 Glass shall be installed in accordance with the applicable codes and standards...

36. Other Materials: 36.1 Other materials shall be installed in accordance with the manufacturer's instructions... 36.2 Other materials shall be installed in accordance with the applicable codes and standards...

37. Installation: 37.1 Installation shall be done in accordance with the manufacturer's instructions... 37.2 Installation shall be done in accordance with the applicable codes and standards...

38. Maintenance: 38.1 Maintenance shall be done in accordance with the manufacturer's instructions... 38.2 Maintenance shall be done in accordance with the applicable codes and standards...

39. Safety: 39.1 Safety shall be maintained throughout the project... 39.2 Safety shall be maintained throughout the project...

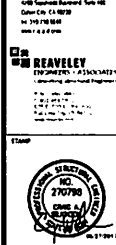
40. Quality Control: 40.1 Quality control shall be maintained throughout the project... 40.2 Quality control shall be maintained throughout the project...

41. Documentation: 41.1 Documentation shall be maintained throughout the project... 41.2 Documentation shall be maintained throughout the project...

42. Change Orders: 42.1 Change orders shall be processed in accordance with the project manual... 42.2 Change orders shall be processed in accordance with the project manual...

43. Closeout: 43.1 Closeout shall be done in accordance with the manufacturer's instructions... 43.2 Closeout shall be done in accordance with the applicable codes and standards...

STRUCTURAL DRAWING LIST table with columns: SHT NO, SHT NAME, Description.



NOT FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE REGISTERED PROFESSIONAL ENGINEER

POWDER MOUNTAIN 5752 N. Copper Crest Egen, UT 84310

GENERAL STRUCTURAL NOTES

Table with 2 columns: No., Description. Includes items like 1. All work shall be done in accordance with the applicable codes and standards...

Table with 2 columns: No., Description. Includes items like 2. All work shall be done in accordance with the applicable codes and standards...

Table with 2 columns: No., Description. Includes items like 3. All work shall be done in accordance with the applicable codes and standards...

Table with 2 columns: No., Description. Includes items like 4. All work shall be done in accordance with the applicable codes and standards...



HOT FOR CONSTRUCTION UNDER
PERMITS BY THE ARCHITECT

POWDER MOUNTAIN
5752 N. Copper Crest
Eden, UT 84310

GENERAL
STRUCTURAL
NOTES

Table with 4 columns: No., Description, Date, Rev. No. Includes entries for Foundation Permit and other structural notes.

6. Statement of Special Inspections

- 6.1. The following materials, systems and components require special inspection or testing per Chapter 17 of the International Building Code (IBC)
6.2. For items requiring continuous inspection, a special inspector must be present during the construction of that work. In most cases, special inspections shall be performed prior to commencing the work, immediately during the work, and at the completion of the work.

Special Inspectors per IRC Sections 1703.4.1, 1703.4.1.1 & 1703.4.1.2

Table with 3 columns: Item, Frequency, and Inspected/Inspection. Lists items like Reinforcing Steel, Formwork, and Welding, with their respective inspection frequencies and required inspection types.

After Welding (Table 6.2-2, ASCE 310-10)
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

Welds subject to seismic loading
Welds subject to seismic loading

- 5. The QA/QC shall include copies of all inspection and testing reports to the building official, owner, architect, engineer and contractor. Reports shall indicate that the work inspected was in conformance with the approved construction documents. Discrepancies shall be brought to the attention of the building official immediately. If they are not corrected, the discrepancies shall be approved by the architect of the building official, architect and engineer.
6. The QA/QC shall submit a final report detailing required inspections and verification of all discrepancies noted in the inspection. The final report shall be distributed to the building official, owner, architect and engineer in a timely manner prior to the completion of the project.

5.2. Construction Responsibilities

- 1. Each contractor responsible for the construction of a system or component requiring special inspection or testing shall be required to submit all necessary information to the building official, owner, architect and engineer in a timely manner.
2. The contractor shall be responsible for the construction of the work. The contractor shall be responsible for the construction of the work.
3. The contractor shall be responsible for the construction of the work.
4. The contractor shall be responsible for the construction of the work.
5. The contractor shall be responsible for the construction of the work.

5.3. Structural Observation by the Engineer of Record

- 1. The Engineer of Record will perform structural observations at critical phases of the project as listed below. Observations will be made on a periodic basis throughout the construction of the structure.
2. The Engineer of Record will be responsible for the construction of the work.
3. The Engineer of Record will be responsible for the construction of the work.

- H. Prior to the installation of the pre-fabricated wood trusses, the contractor shall submit, in writing, a truss layout plan to the building official for review and approval. The layout plan shall include, but not be limited to, the following information:
1. Truss members and connections shall not be cut, notched, drilled, spiked or otherwise altered without additional review in any way without prior written approval of the engineer.

6. Miscellaneous

6.1. Pre-fabricated Trusses in Concrete and Masonry

- 1. All pre-fabricated trusses and girders shall include all mechanical and electrical connections.
2. All pre-fabricated trusses and girders shall be installed in accordance with the manufacturer's instructions.
3. All pre-fabricated trusses and girders shall be installed in accordance with the manufacturer's instructions.

6.2. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.3. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.4. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.5. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.6. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.7. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.8. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.9. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.10. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

6.11. Alternative Anchor Systems

Table with 4 columns: Anchor System, Manufacturer, Product Name, and Evaluation Report (ICC-ES E-1088).

- C. Aluminum ASTM B221, alloy 6063-T56000-176 (aluminum floor and roof) 1/2" (12,000 psi)
D. Steel Decking: Minimum 1/2" thick steel deck with a minimum yield strength of 50 ksi.
E. Decking: Minimum 1/2" thick steel deck with a minimum yield strength of 50 ksi.

6. Wood

6.1. Allowances

- 1. All framing lumber shall be Douglas Fir-Larch or better or an equal substitute.
2. All framing lumber shall be Douglas Fir-Larch or better or an equal substitute.
3. All framing lumber shall be Douglas Fir-Larch or better or an equal substitute.

6.2. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.3. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.4. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.5. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.6. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.7. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.8. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.9. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.10. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).

6.11. Material Properties

Table with 4 columns: Material, Allowable Stress (Fb), Allowable Shear (Fv), and Allowable Moment (Mb).



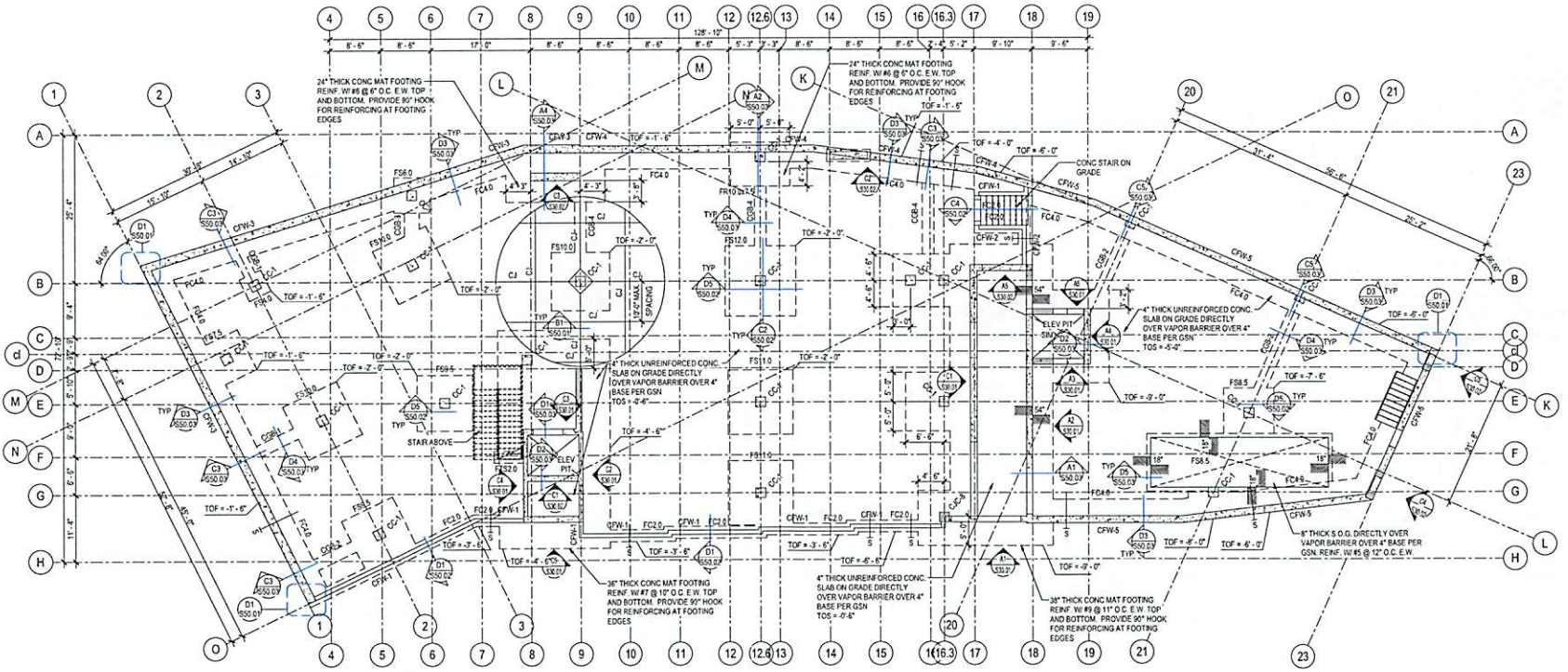
NOT FOR CONSTRUCTION UNLESS
 SIGNED BY THE ARCHITECT

FOOTING & FOUNDATION PLAN NOTES

1. SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE RETAINING AND/OR SITE WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
2. SEE TYPICAL STEP DETAIL AT CONTINUOUS FOOTING AND TYPICAL STEP DETAIL AT MAT FOOTING FOR REINFORCING REQUIREMENTS C1/SS0.01, C2/SS0.01.
3. PROVIDE REINFORCEMENT AT WALL ENDS, INTERSECTIONS AND OPENINGS PER TYPICAL DETAILS D1/SS0.01.
4. DOWEL ALL CONCRETE WALLS TO FOOTING PER TYPICAL DETAIL, C3/SS0.01.
5. PROVIDE COMPACTED STRUCTURAL FILL UNDER ALL CONCRETE FOOTINGS PER TYPICAL DETAIL, A5/SS0.01.

FOOTING & FOUNDATION PACKAGE NOTES

1. THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS.



FOOTING & FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

FOOTING & FOUNDATION PLAN

No.	Description	Date
1	ISSUED FOR PERMIT	2/17/17

DATE: 06-27-2017
 SCALE: 1/8" = 1'-0"
 SHEET NO: 236
S20.01

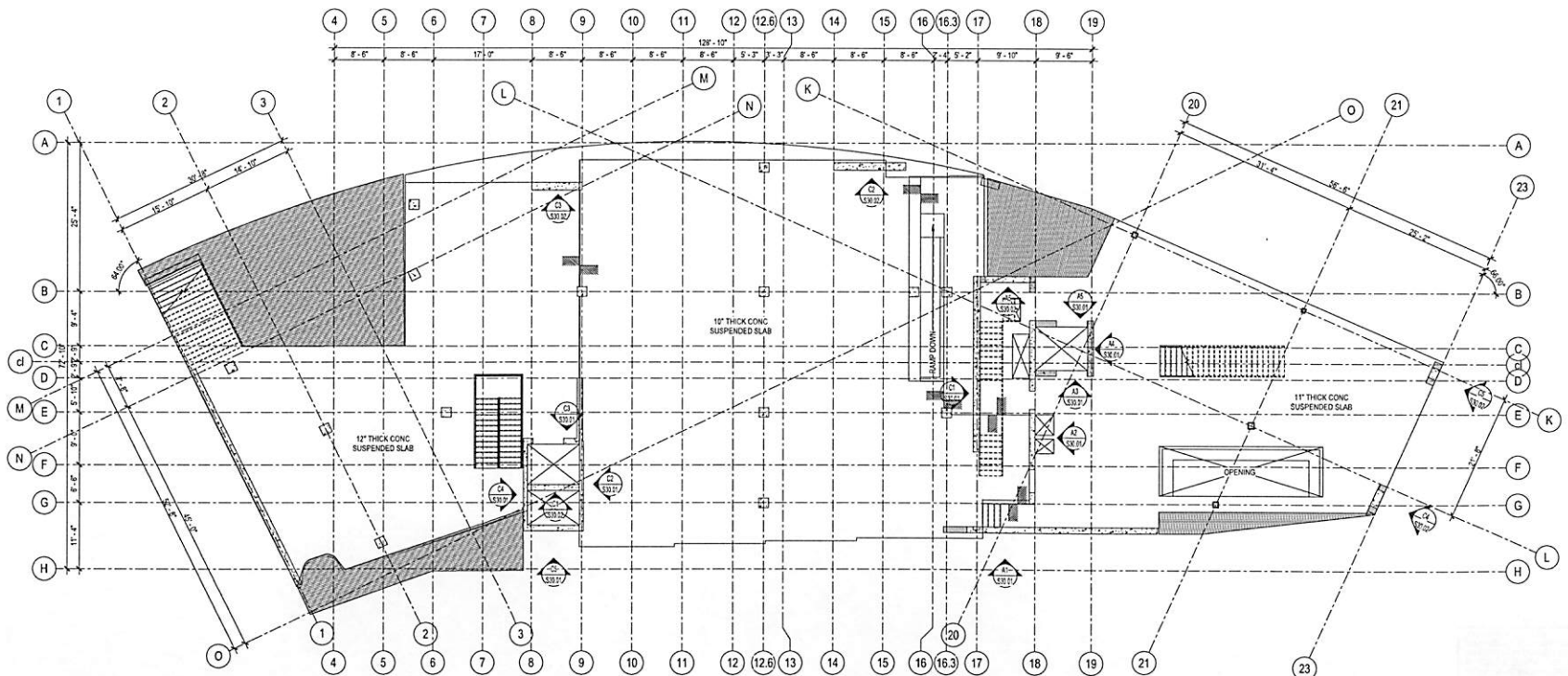
FOOTING & FOUNDATION PACKAGE NOTES
 1. THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS

R&A
 ARCHITECTURAL ENGINEERING
 4100 South River Road Suite 102
 Cedar City, UT 84702
 Tel: 437-262844
 www.randa.com

RAVELEY
 ENGINEERS & ASSOCIATES
 Licensed Structural Engineers
 2700 N. 1000 E.
 Suite 200, Provo, UT 84601
 Tel: 773-366-1100
 www.raveley.com



NOT FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT



B1 LEVEL 2 FRAMING PLAN
 SCALE: 1/8" = 1'-0"

POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

SHEET TITLE
LEVEL 2 FRAMING PLAN

No.	Description	Date
1	DESIGNED FOR FOUNDATION PERMIT	07/17/17

THE ABOVE DRAWING, WITHOUT ANY ADDITIONAL NOTES OR CONDITIONS, IS THE EXCLUSIVE PROPERTY OF R&A ARCHITECTURAL ENGINEERING. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF R&A ARCHITECTURAL ENGINEERING. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THIS DRAWING IS STRICTLY PROHIBITED AND WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW. THE USER OF THIS DRAWING AGREES TO HOLD R&A ARCHITECTURAL ENGINEERING HARMLESS FROM AND AGAINST ALL SUCH CLAIMS AND DAMAGES. THE USER OF THIS DRAWING AGREES TO HOLD R&A ARCHITECTURAL ENGINEERING HARMLESS FROM AND AGAINST ALL SUCH CLAIMS AND DAMAGES. THE USER OF THIS DRAWING AGREES TO HOLD R&A ARCHITECTURAL ENGINEERING HARMLESS FROM AND AGAINST ALL SUCH CLAIMS AND DAMAGES.

DATE: 06-27-2017
 SCALE: 1/8" = 1'-0"
 SHEET NO: 236

S22.01

6/27/2017 5:42:56 PM

ALL IF THIS SHEET IS NOT 30" x 42" IT IS A REDUCED PRINT

FOOTING & FOUNDATION PACKAGE NOTES

1. THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS.

R&A
 REGISTERED PROFESSIONAL ENGINEERS
 4080 Eastwood Boulevard Suite 100
 Colorado Springs, CO 80906
 Tel: 303.733.5818
 www.r-a-p.com

REAVELEY
 ENGINEERS & ARCHITECTS
 CONSULTING ARCHITECTURAL ENGINEERS
 800 W. 10th Street
 P.O. Box 455,111
 CO 80501, CO, USA
 Tel: 303.733.5818
 Fax: 303.733.5818
 www.reaveley.com

TRAMP

NOT FOR CONSTRUCTION UNTIL
 SIGNED BY THE ARCHITECT

POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

LEVEL 3 FRAMING PLAN

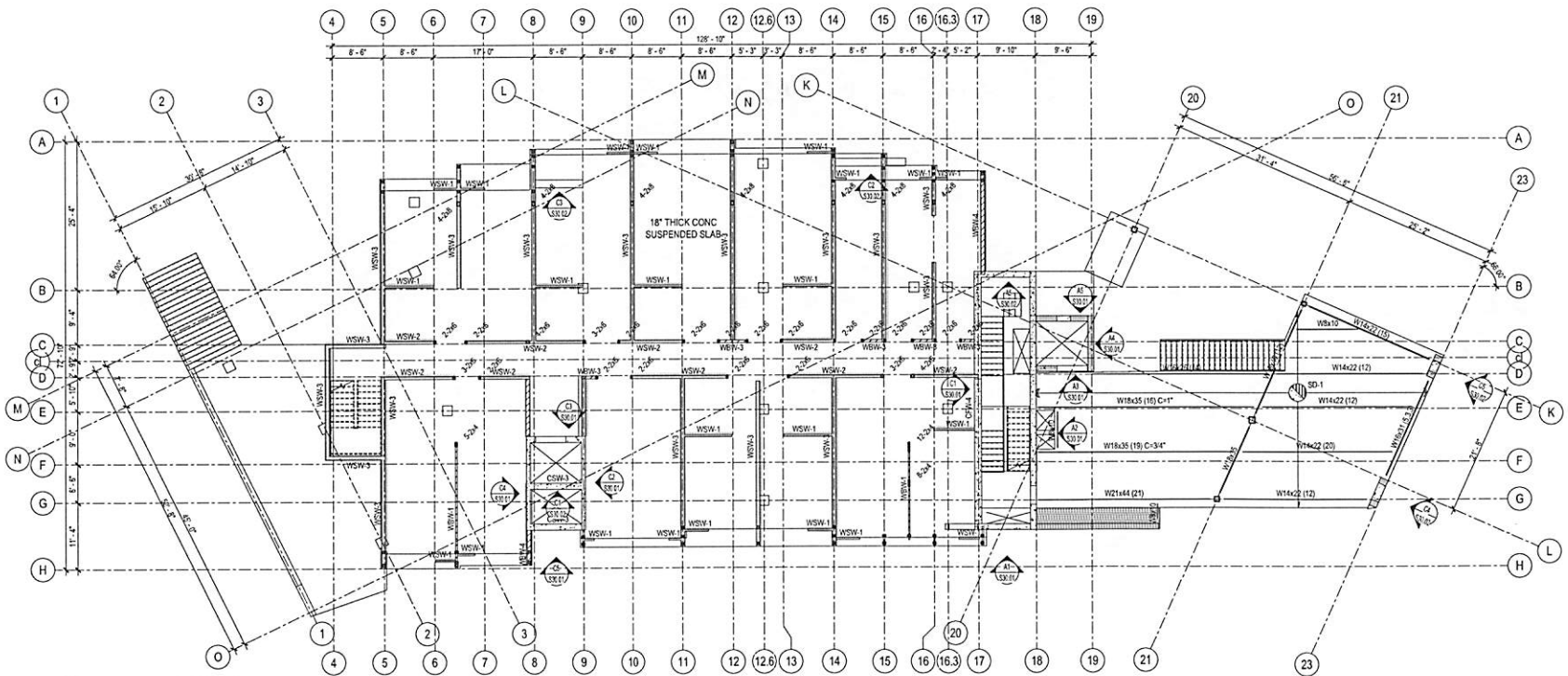
No.	Description	Date
1	ISSUED FOR PERMIT	06/27/17

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS.

DATE: 06-27-2017
 SCALE: 1/8" = 1'-0"
 SHEET NO: 236

S22.02



A1 LEVEL 3 FRAMING PLAN
 SCALE: 1/8" = 1'-0"

6/27/2017 5:52:32 PM

MAX. IF THIS SHEET IS NOT 35% 41" IT IS A REDUCED PRINT

FOOTING & FOUNDATION PACKAGE NOTES

1. THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS.

R&A
 REGISTERED PROFESSIONAL ENGINEERS
 958 East Mountain View Dr
 Colorado Springs, CO 80909
 Tel: 719.574.9839
 www.randa.com

BEAVERLEY ENGINEERS + ASSOCIATES
 (a subsidiary of R&A)
 REGISTERED PROFESSIONAL ENGINEERS
 2000 S. W. 10th Ave.
 Suite 200
 Fort Lauderdale, FL 33315
 Tel: 754.333.1111
 Fax: 754.333.1112
 www.beaverley.com

DATE: 06-27-2017
 SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION UNITS
 FCH-NO. 811 THE ARCHITECT

POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

LEVEL 4 FRAMING PLAN

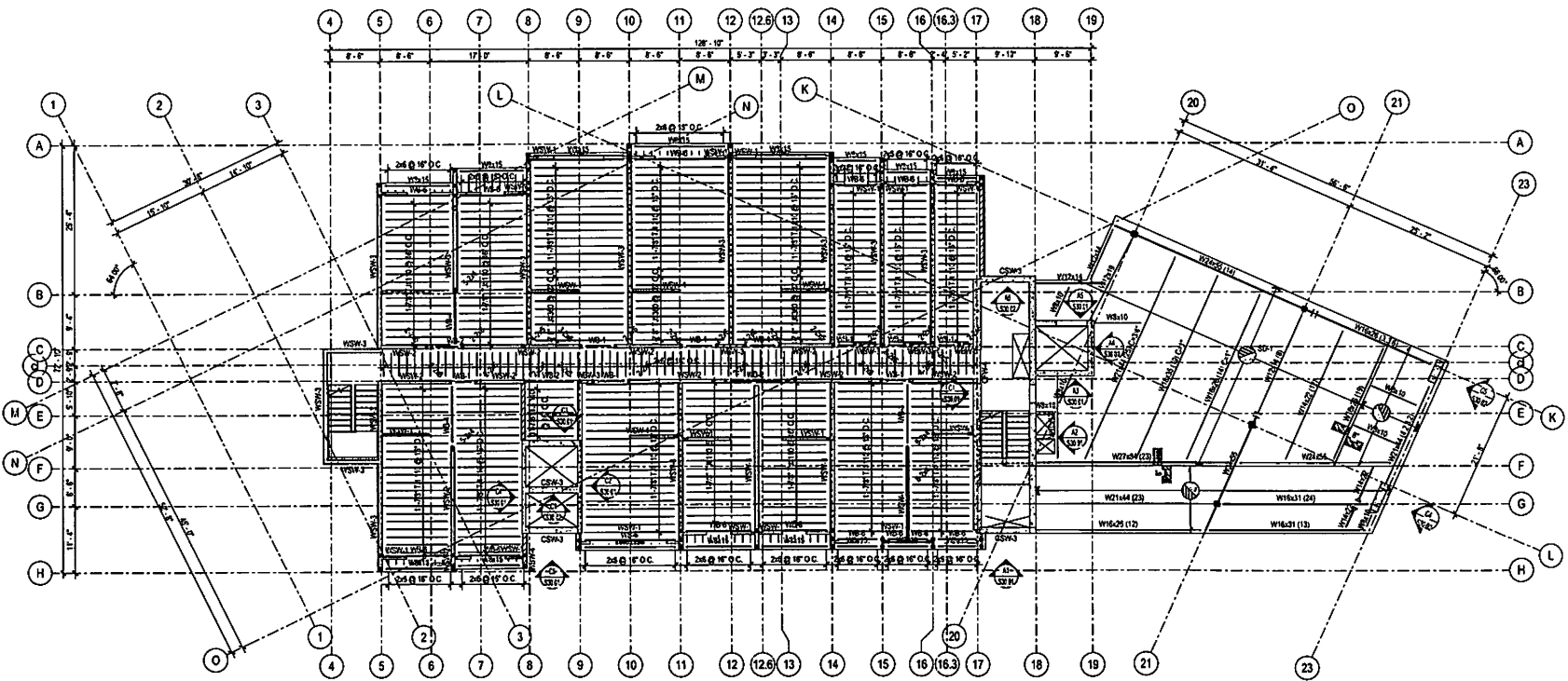
No.	Description	Date
1	ISSUED FOR PERMIT	06/27/17

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

DATE: 06-27-2017
 SCALE: 1/8" = 1'-0"

236

S22.03



LEVEL 4 FRAMING PLAN
 SCALE: 1/8" = 1'-0"

02/27/2017 5:42:52 PM

SEALED BY THIS SHEET IS NOT VALID IF IT IS A REDUCED PRINT

FOOTING & FOUNDATION PACKAGE NOTES
 1. THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS.

R&A
 RICHMOND ARCHITECTURE & ASSOCIATES
 608 Southwood Avenue 1 Suite 102
 Cedar Creek, UT 84202
 Tel: 435-798-9888
 Fax: 435-798-9888
 www.randa.com

REAVELEY
 ENGINEERS
 2000 W. 3000 N., Suite 200
 Provo, UT 84601
 Tel: 435-798-9888
 Fax: 435-798-9888
 www.reaveley.com

NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT.

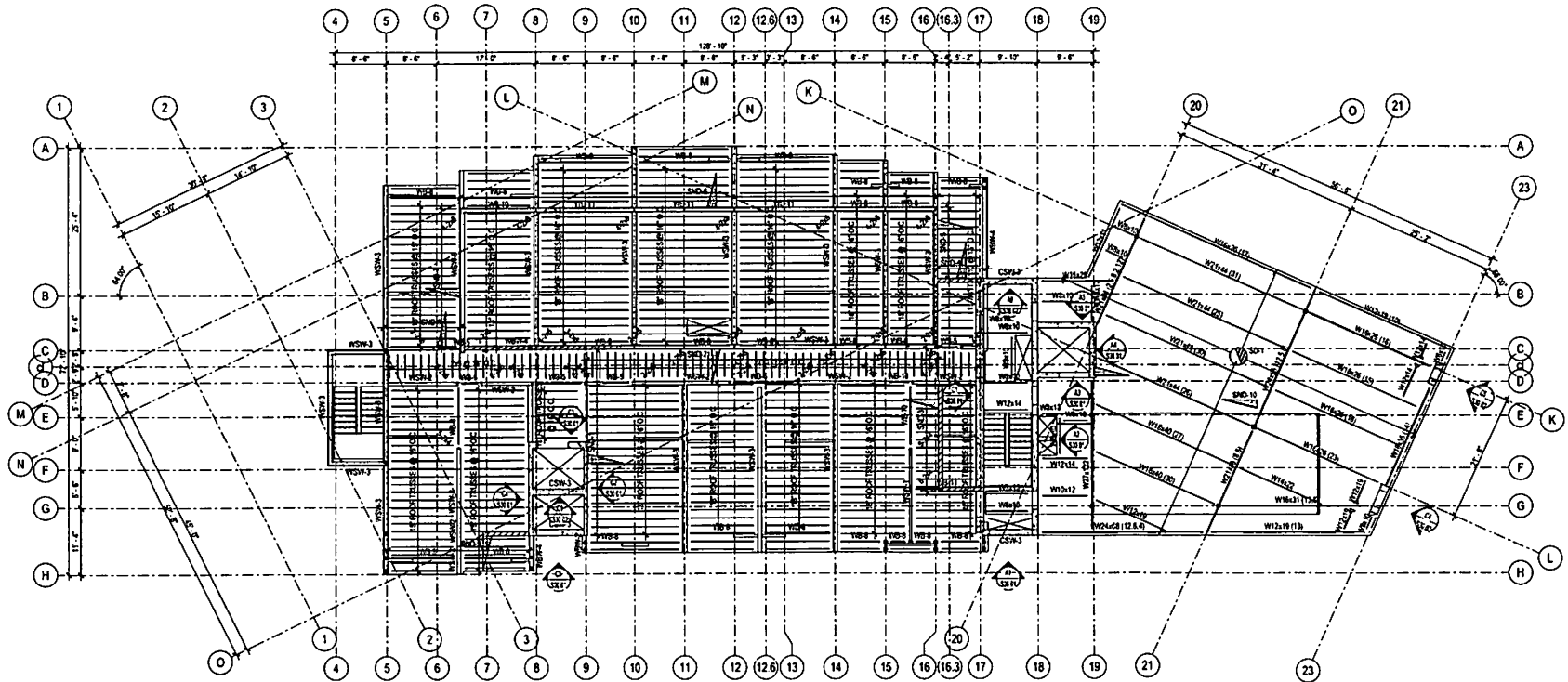
POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

ROOF LEVEL FRAMING PLAN

No.	Description	Date
1	ISSUED FOR PERMIT	06/27/2017
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	
11	REVISION	
12	REVISION	
13	REVISION	
14	REVISION	
15	REVISION	
16	REVISION	
17	REVISION	
18	REVISION	
19	REVISION	
20	REVISION	
21	REVISION	
22	REVISION	
23	REVISION	

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

S22.04
 DATE: 06-27-2017
 SCALE: 1/8" = 1'-0"
 SHEET NO.



A1 ROOF LEVEL FRAMING PLAN
 SCALE: 1/8" = 1'-0"

6/27/2017 5:42:58 PM

ALL DIMENSIONS ARE SHOWN IN FEET AND INCHES UNLESS OTHERWISE NOTED.

FOOTING & FOUNDATION PACKAGE NOTES
 1. THESE DRAWINGS ARE FOR CONSTRUCTION OF FOOTINGS AND FOUNDATIONS ONLY. ADDITIONAL STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. DO NOT DETAIL, FABRICATE OR CONSTRUCT STRUCTURAL STEEL FROM THESE DOCUMENTS.

R&A
 REGISTERED ARCHITECTS
 1000 Eastwood Boulevard Suite 100
 Glen Dale, UT 84028
 409-749-9848
 www.randa.com

BEAVERLEY
 ENGINEERS - ASSOCIATES
 Consulting Structural Engineers
 1000 Eastwood Boulevard Suite 100
 Glen Dale, UT 84028
 409-749-9848
 www.beaverley.com

NOT FOR CONSTRUCTION UNTIL
 SIGNED BY THE ARCHITECT

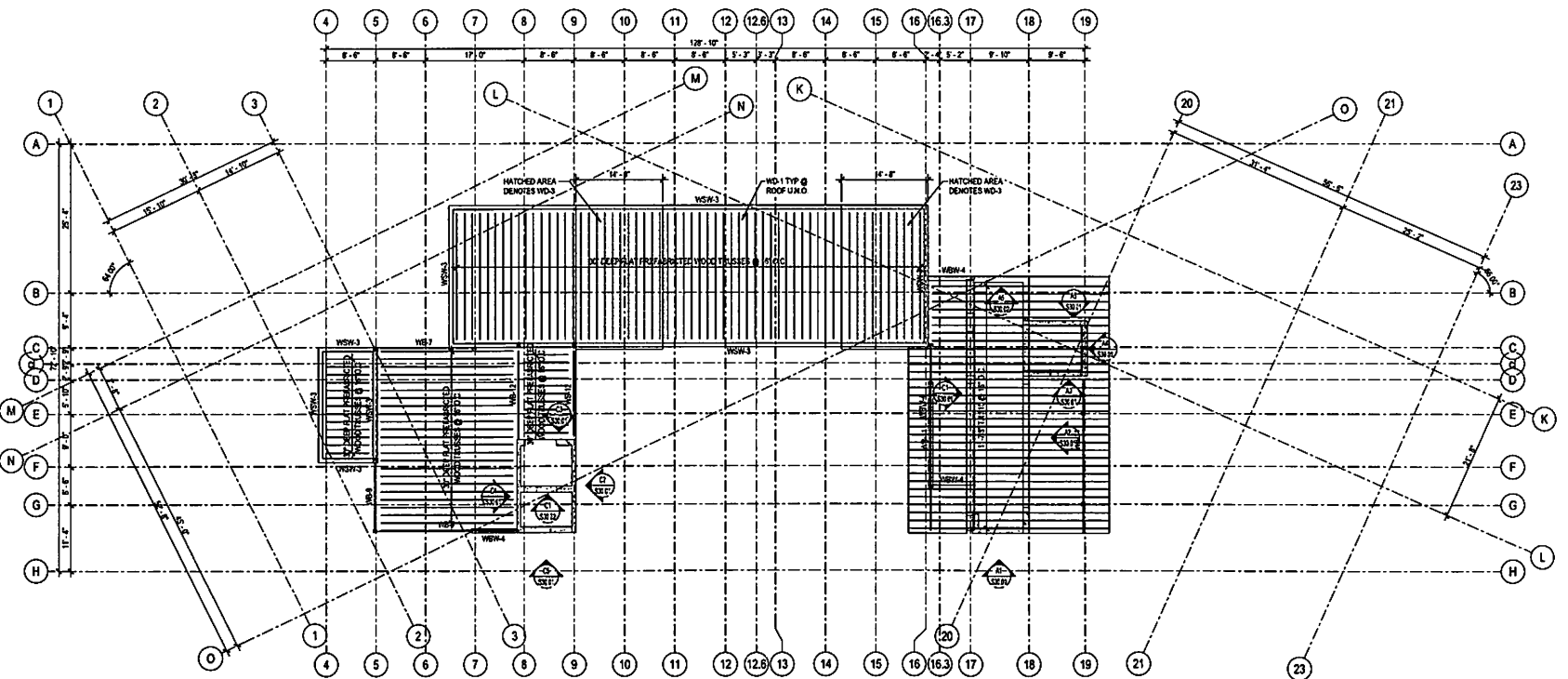
POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

ROOF FRAMING PLAN

No.	Description	Date
	ISSUED FOR PERMIT	05/14/17

DATE: **06-27-2017**
 SCALE: **1/8" = 1'-0"**
 SHEET NO: **236**
 PROJECT NO: **S22.05**

S22.05



ROOF FRAMING PLAN
 SCALE: 1/8" = 1'-0"

06/27/2017 5:42:58 PM

ALL OTHER SHEETS NOT SHOWN. IF IT IS A REVISION PRINT

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

No.	Description	Date
1	ISSUED FOR PERMIT	06/27/17

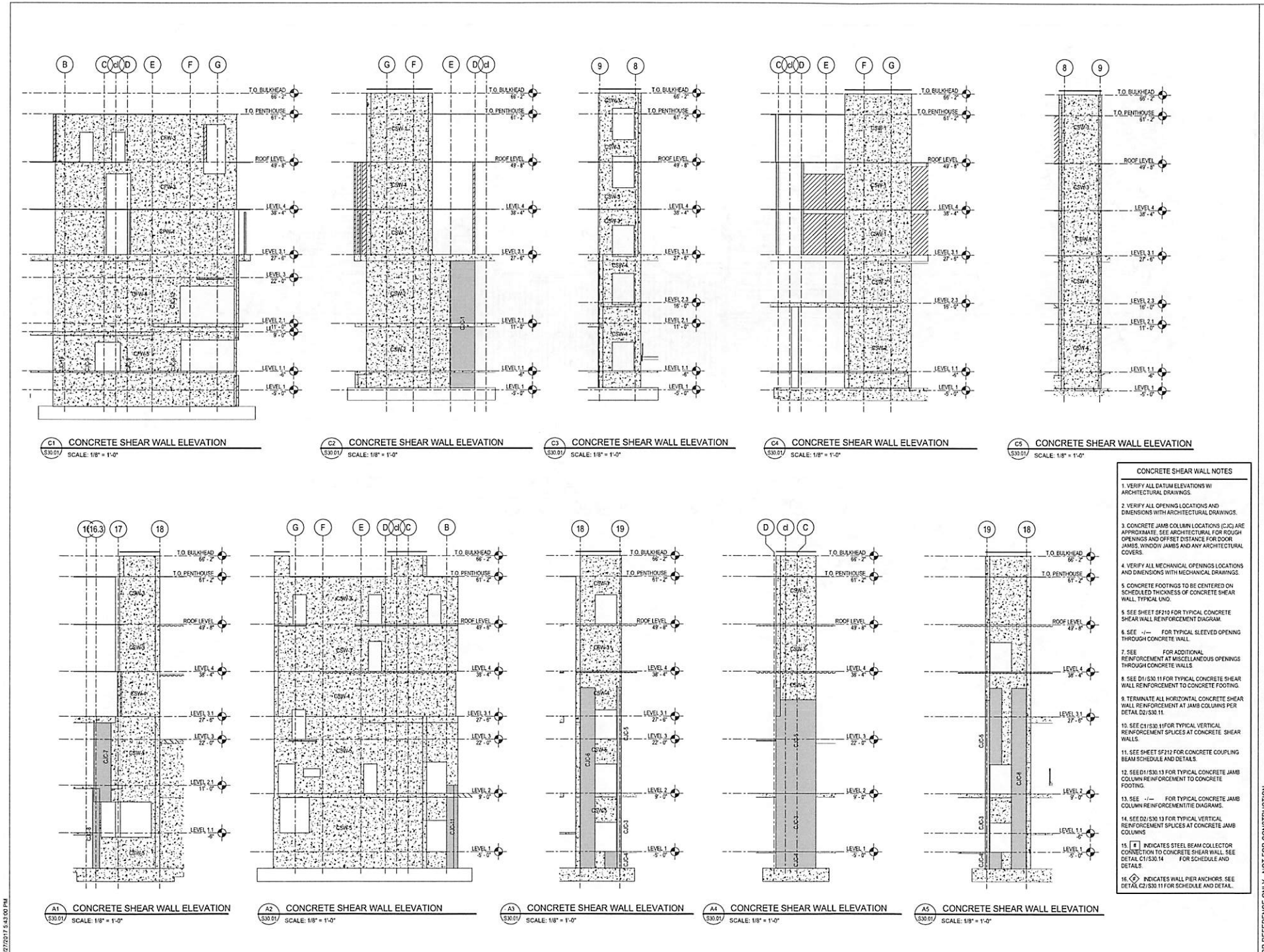
No.	Description	Date

DATE
06-27-2017

SCALE
1/8" = 1'-0"

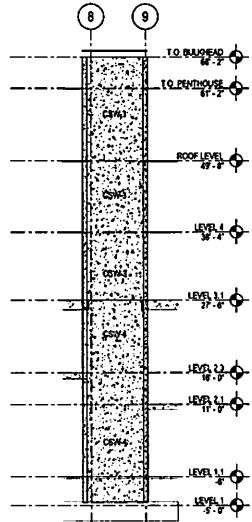
SHEET NO.
236

S30.01

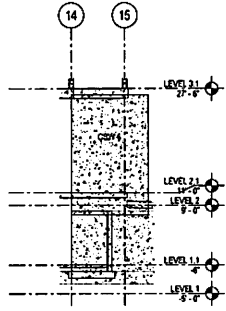


CONCRETE SHEAR WALL NOTES

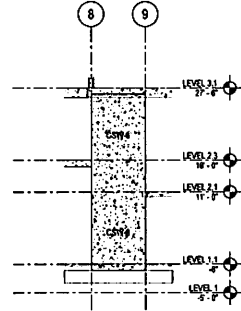
1. VERIFY ALL DATUM ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
2. VERIFY ALL OPENING LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. CONCRETE JAMB COLUMN LOCATIONS (CJC) ARE APPROXIMATE. SEE ARCHITECTURAL FOR ROUGH OPENINGS AND OFFSET DISTANCE FOR DOOR JAMBES, WINDOW JAMBES AND ANY ARCHITECTURAL COVERS.
4. VERIFY ALL MECHANICAL OPENINGS LOCATIONS AND DIMENSIONS WITH MECHANICAL DRAWINGS.
5. CONCRETE FOOTINGS TO BE CENTERED ON SCHEDULED THICKNESS OF CONCRETE SHEAR WALL, TYPICAL UNQ.
6. SEE SHEET S230 FOR TYPICAL CONCRETE SHEAR WALL REINFORCEMENT DIAGRAM.
7. SEE _____ FOR ADDITIONAL REINFORCEMENT AT MISCELLANEOUS OPENINGS THROUGH CONCRETE WALLS.
8. SEE D1/S30.11 FOR TYPICAL CONCRETE SHEAR WALL REINFORCEMENT TO CONCRETE FOOTING.
9. TERMINATE ALL HORIZONTAL CONCRETE SHEAR WALL REINFORCEMENT AT JAMB COLUMNS PER DETAIL D2/S30.11.
10. SEE C1/S30.11 FOR TYPICAL VERTICAL REINFORCEMENT SPLICES AT CONCRETE SHEAR WALLS.
11. SEE SHEET SF212 FOR CONCRETE COUPLING BEAM SCHEDULE AND DETAILS.
12. SEE D1/S30.13 FOR TYPICAL CONCRETE JAMB COLUMN REINFORCEMENT TO CONCRETE FOOTING.
13. SEE _____ FOR TYPICAL CONCRETE JAMB COLUMN REINFORCEMENT DETAILS.
14. SEE D2/S30.13 FOR TYPICAL VERTICAL REINFORCEMENT SPLICES AT CONCRETE JAMB COLUMNS.
15. [T] INDICATES STEEL BEAM COLLECTOR CONNECTION TO CONCRETE SHEAR WALL. SEE DETAIL C1/S30.14 FOR SCHEDULE AND DETAILS.
16. [C] INDICATES WALL PIER ANCHORS. SEE DETAIL C2/S30.11 FOR SCHEDULE AND DETAIL.



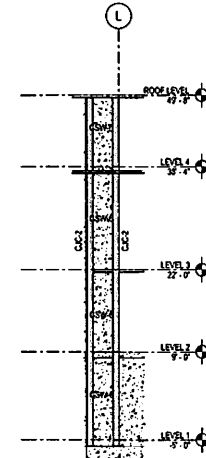
C1 CONCRETE SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



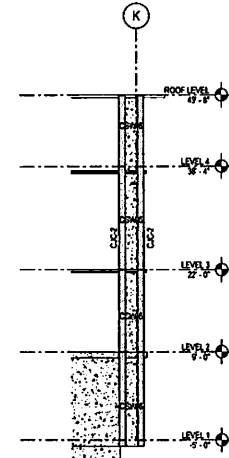
C2 CONCRETE SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



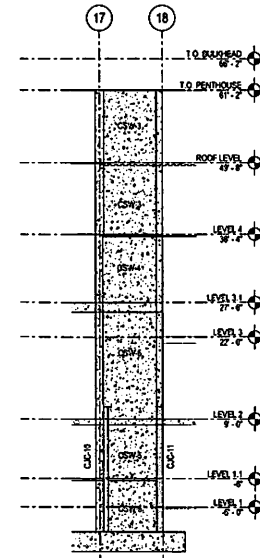
C3 CONCRETE SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



C4 CONCRETE SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"



C5 CONCRETE SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"

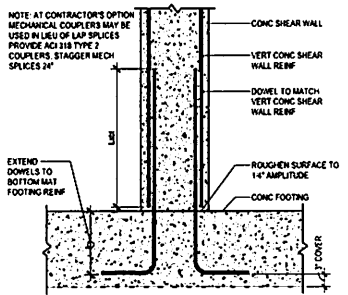


AS CONCRETE SHEAR WALL ELEVATION
SCALE: 1/8" = 1'-0"

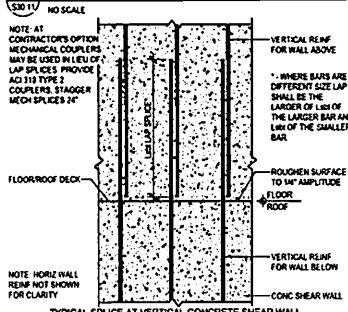
- CONCRETE SHEAR WALL NOTES**
1. VERIFY ALL DATUM ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 2. VERIFY ALL OPENING LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
 3. CONCRETE JAMB COLUMN LOCATIONS (CJ) ARE APPROXIMATE. SEE ARCHITECTURAL FOR ROUGH OPENINGS AND OFFSET DISTANCES FOR DOOR JAMBS, WINDOW JAMBS AND ANY ARCHITECTURAL COVERS.
 4. VERIFY ALL MECHANICAL OPENINGS LOCATIONS AND DIMENSIONS WITH MECHANICAL DRAWINGS.
 5. CONCRETE FOOTINGS TO BE CENTERED ON SCHEDULED THICKNESS OF CONCRETE SHEAR WALL. TYPICAL UMD.
 6. SEE SHEET SF219 FOR TYPICAL CONCRETE SHEAR WALL REINFORCEMENT DIAGRAM.
 7. SEE -/- FOR TYPICAL SLEEVED OPENING THROUGH CONCRETE WALL.
 8. SEE -/- FOR ADDITIONAL REINFORCEMENT AT MISCELLANEOUS OPENINGS THROUGH CONCRETE WALLS.
 9. SEE D1/S30 11 FOR TYPICAL CONCRETE SHEAR WALL REINFORCEMENT TO CONCRETE FOOTING.
 10. TERMINATE ALL HORIZONTAL CONCRETE SHEAR WALL REINFORCEMENT AT JAMB COLUMNS PER DETAIL D2/S30 11.
 11. SEE C1/S30 11 FOR TYPICAL VERTICAL REINFORCEMENT SPLICES AT CONCRETE SHEAR WALLS.
 12. SEE SHEET SF218 FOR CONCRETE COUPLING BEAM SCHEDULES AND DETAILS.
 13. SEE D1/S30 13 FOR TYPICAL CONCRETE JAMB COLUMN REINFORCEMENT TO CONCRETE FOOTING.
 14. SEE -/- FOR TYPICAL CONCRETE JAMB COLUMN REINFORCEMENT DETAILS.
 15. SEE D2/S30 13 FOR TYPICAL VERTICAL REINFORCEMENT SPLICES AT CONCRETE JAMB COLUMNS.
 16. SEE D1/S30 13 FOR TYPICAL CONCRETE JAMB COLUMN REINFORCEMENT DETAILS.
 17. [] INDICATES STEEL BEAM COLLECTOR CONNECTION TO CONCRETE SHEAR WALL. SEE DETAIL C1/S30 14 FOR SCHEDULE AND DETAILS.
 18. [] INDICATES WALL PER ANCHORS. SEE DETAIL C1/S30 11 FOR SCHEDULE AND DETAILS.

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	07/17/17

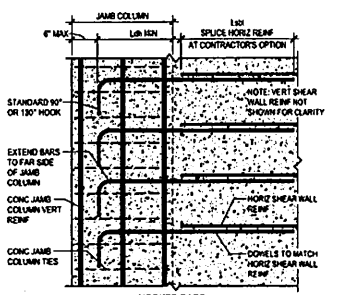
DATE	06-27-2017
SCALE	1/8" = 1'-0"
SHEET NO.	236
DATE	06-27-2017
SCALE	1/8" = 1'-0"



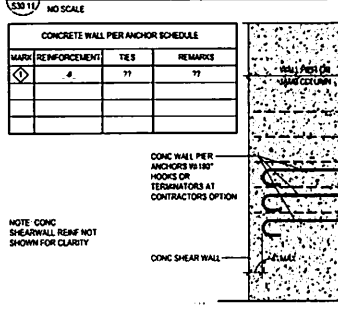
D1 TYPICAL CONCRETE SHEAR WALL REINFORCEMENT TO CONCRETE FOOTING
S30.11/ NO SCALE



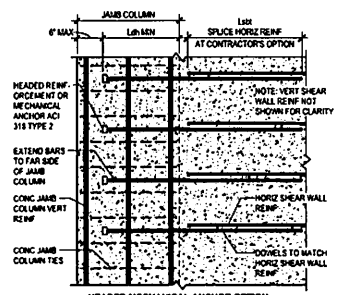
C1 TYPICAL SPLICE AT VERTICAL CONCRETE SHEAR WALL REINFORCEMENT
S30.11/ NO SCALE



D2 TYPICAL HORIZONTAL SHEAR WALL REINFORCEMENT AT CONCRETE JAMB COLUMN
S30.11/ NO SCALE

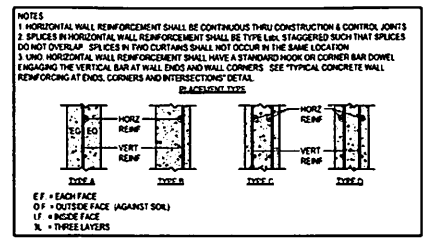


C2 TYPICAL CONCRETE WALL PIER ANCHOR DIAGRAM AND SCHEDULE
S30.11/ NO SCALE



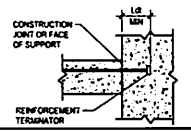
D3 TYPICAL HORIZONTAL SHEAR WALL REINFORCEMENT AT CONCRETE JAMB COLUMN
S30.11/ NO SCALE

CONCRETE SHEAR WALL SCHEDULE					
MARK	THICK	VERTICAL REINFORCING	HORIZONTAL REINFORCING	T & B HORIZ BARS	PLACEMENT
CSW-1	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	2#5	TYPE A
CSW-2	8"	#4 @ 12" O.C.	#4 @ 12" O.C.	2#5	TYPE A
CSW-3	1'-0"	#4 @ 12" O.C. E.F.	#4 @ 12" O.C. E.F.	2#5	TYPE C
CSW-4	1'-0"	#4 @ 12" O.C. E.F.	#4 @ 12" O.C. E.F.	2#5	TYPE C
CSW-5	1'-0"	#4 @ 12" O.C. E.F.	#4 @ 12" O.C. E.F.	2#5	TYPE C
CSW-6	1'-0"	#4 @ 12" O.C. E.F.	#4 @ 12" O.C. E.F.	2#5	TYPE C



CONCRETE LITEL SCHEDULE					
MARK	THICK	DEPTH	REINFORCEMENT		REMARKS
			HORIZONTAL	STIRRUPS	
CL-1	7"	7"	7"	7"	7"

NOTES:
1. EXTEND ALL HORIZONTAL LITEL BARS 1/2 DEVELOPMENT LENGTH BEYOND EDGES OF OPENINGS.



TENSION DEVELOPMENT LENGTH FOR BAR TERMINATORS (L _d)					
BAR SIZE	NORMAL WEIGHT CONCRETE, f _c = PSI				
	3,000	4,000	4,500	5,000	6,000
#3	6"	6"	6"	6"	6"
#4	7"	7"	7"	7"	7"
#5	8"	8"	8"	8"	7"
#6	12"	12"	12"	9"	9"
#7	14"	12"	11"	11"	10"
#8	16"	14"	12"	12"	11"
#9	18"	15"	14"	14"	13"
#10	20"	17"	16"	15"	14"
#11	22"	18"	18"	17"	16"
#14	37"	32"	31"	29"	27"
#18	50"	43"	41"	39"	35"

NOTES:
1. VALUES HERE VALID FOR ALL CASES IF:
SIZE COVER ≥ 2" 1/2"
END COVER ≥ 2"
2. MULTIPLY VALUES IN SCHEDULE BY 1.2 FOR LIGHTWEIGHT CONCRETE
3. MULTIPLY VALUES IN SCHEDULE BY 1.2 FOR USE WITH EPOXY COATED REBAR

TENSION DEVELOPMENT SCHEDULE FOR BAR TERMINATORS
S30.11/ NO SCALE

NO.	REVISION	DATE

NOTES:
1. ALL DIMENSIONS UNLESS OTHERWISE NOTED SHALL BE IN FEET AND INCHES.
2. ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
7. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
8. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
9. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.
10. ALL DIMENSIONS SHALL BE TO CENTERLINE UNLESS OTHERWISE NOTED.

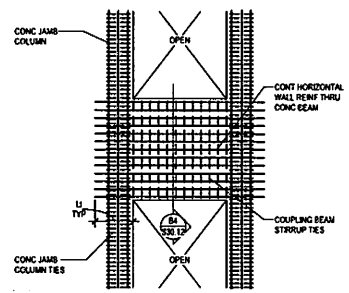
No.	Description	Date
1	ISSUED FOR CONSTRUCTION PERMIT	06/27/17

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

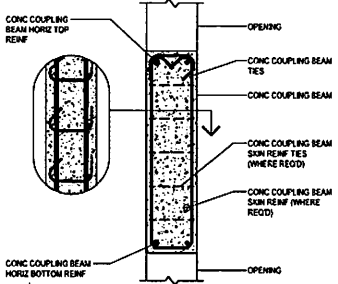
THE ABOVE DRAWINGS REPRESENT THE DESIGN INTENT AND SHALL BE CONSIDERED AS SUCH UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED HEREON AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

MARK	TOP REINFORCEMENT			BOTTOM REINFORCEMENT			STIRRUPS		NOTES
	NO.	SIZE	LAYERS	NO.	SIZE	LAYERS	NO.	SIZE SPACING	
CCB									

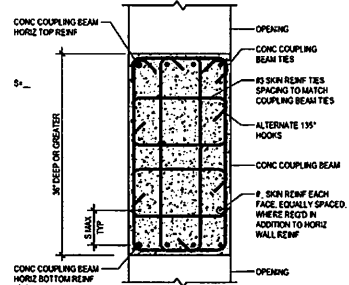
- NOTES:
 1. HORIZONTAL WALL REINFORCEMENT SHALL BE CONTINUOUS THROUGH COUPLING BEAMS.
 2. EXTEND TOP & BOTTOM HORIZONTAL REINFORCEMENT A DISTANCE EQUAL TO THE TENSION DEVELOPMENT LENGTH (L_D) BEYOND THE EDGE OF THE OPENING OR TERMINATE AT END OF WALL OR COLUMN WITH STANDARD HOOK.
 3. PLACE SKIN REINFORCEMENT WHERE REQUIRED SEE DETAIL AS5F213 FOR REQUIREMENTS AND DIAGRAM.
 4. SEE DETAIL CS3F213 FOR CONCRETE COUPLING BEAM REINFORCEMENT DIAGRAM.



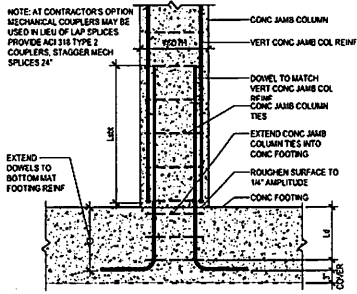
CS
S30.12
 TYPICAL COUPLING BEAM REINFORCEMENT DIAGRAM (WITHOUT DIAGONALS)
 NO SCALE



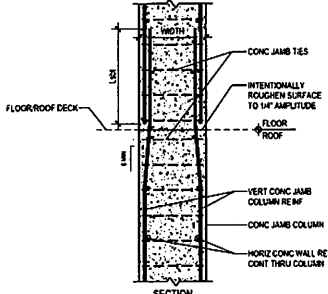
BA
S30.12
 TYPICAL COUPLING BEAM REINFORCEMENT DIAGRAM
 NO SCALE



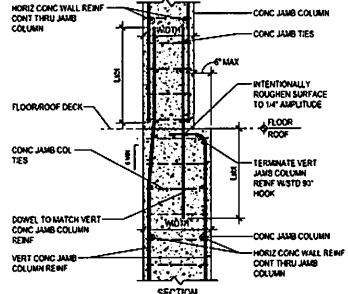
AS
S30.12
 TYPICAL CONCRETE COUPLING BEAM SKIN REINFORCEMENT DIAGRAM
 NO SCALE



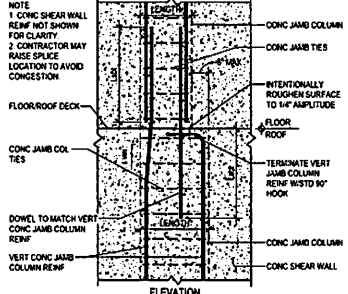
D1 TYPICAL CONCRETE JAMB COLUMN REINFORCING TO CONCRETE FOOTING
S30.13 NO SCALE



D2 TYPICAL SPLICE AT CONCRETE JAMB COLUMN
S30.13 NO SCALE



SECTION



ELEVATION

NOTE
1. CONCRETE SHEAR WALL REINF NOT SHOWN FOR CLARITY
2. CONTRACTOR MAY RAISE SPLICE LOCATION TO AVOID CONGESTION

MARK	DIMENSIONS		REINFORCING		REMARKS
	WIDTH	LENGTH	VERTICAL	TIES	
CJC-1	7'-0"	6'-0"	23.47	M @ F.O.C.	
CJC-2	7'-0"	7'-0"	34.86	M @ F.O.C.	SEE DETAIL
CJC-3	7'-0"	9'-0"	46.86	M @ F.O.C.	SEE DETAIL
CJC-4	7'-0"	9'-0"	43.48	M @ F.O.C.	SEE DETAIL
CJC-5	7'-0"	3'-0"	14.48	M @ F.O.C.	
CJC-6	7'-0"	6'-0"	14.47	M @ F.O.C.	
CJC-7	7'-0"	1'-0"	3.47	M @ F.O.C.	
CJC-8	7'-0"	3'-0"	13.48	M @ F.O.C.	
CJC-9	7'-0"	3'-0"	22.48	M @ F.O.C.	SEE DETAIL
CJC-10	7'-0"	3'-0"	22.48	M @ F.O.C.	SEE DETAIL
CJC-11	7'-0"	3'-0"	14.88	M @ F.O.C.	SEE DETAIL
CJC-12	7'-0"	3'-0"	14.88	M @ F.O.C.	SEE DETAIL



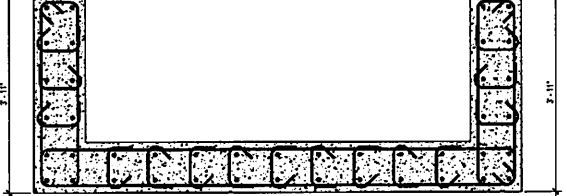
CJC-1



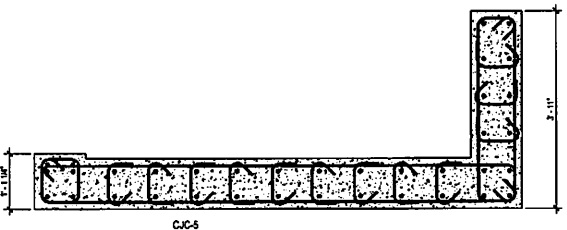
CJC-2



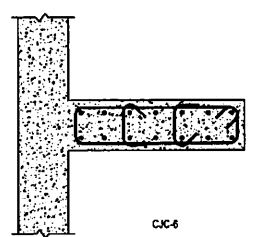
CJC-3



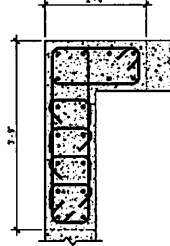
CJC-4



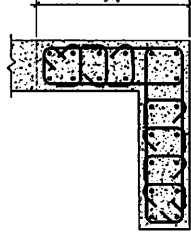
CJC-5



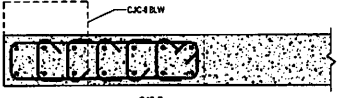
CJC-6



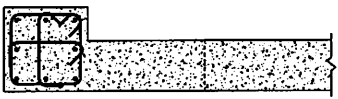
CJC-10



CJC-11



CJC-7



CJC-8



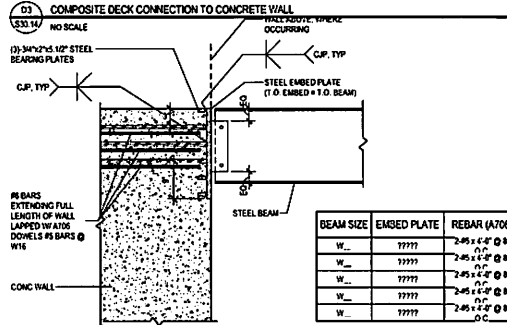
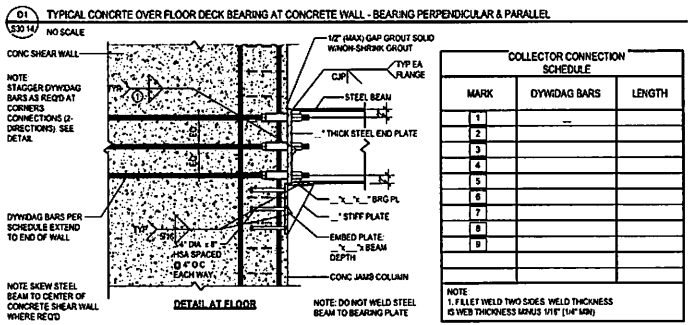
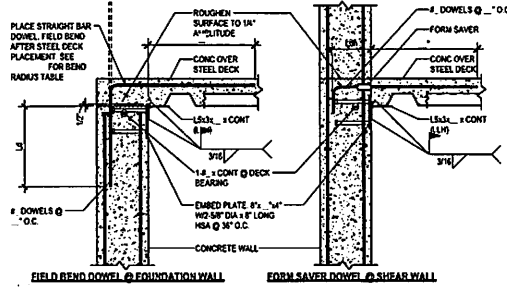
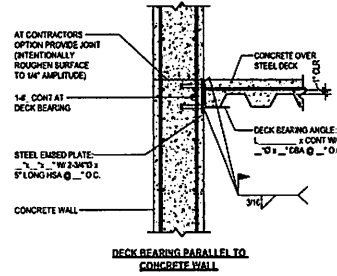
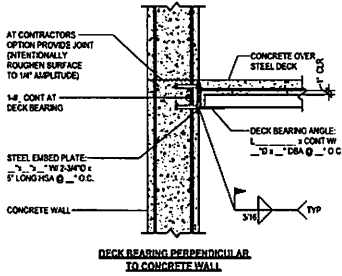
CJC-9



CJC-12

B1 TYPICAL CONCRETE JAMB COLUMN REINFORCEMENT/TIE DIAGRAM (PLAN VIEW)
S30.13 NO SCALE

NO.	DESCRIPTION	DATE
1	REVISED FOR FOUNDATION PERMIT	07/17/17



D1 TYPICAL CONCRETE OVER FLOOR DECK BEARING AT CONCRETE WALL - BEARING PERPENDICULAR & PARALLEL
S30.14 NO SCALE

D3 COMPOSITE DECK CONNECTION TO CONCRETE WALL
S30.14 NO SCALE

D4 TYPICAL COLLECTOR CONNECTION SCHEDULE AND DETAILS AT CONCRETE SHEAR WALL
S30.14 NO SCALE

D5 DRAG STRUT AT CONCRETE SHEAR WALL
S30.14 NO SCALE

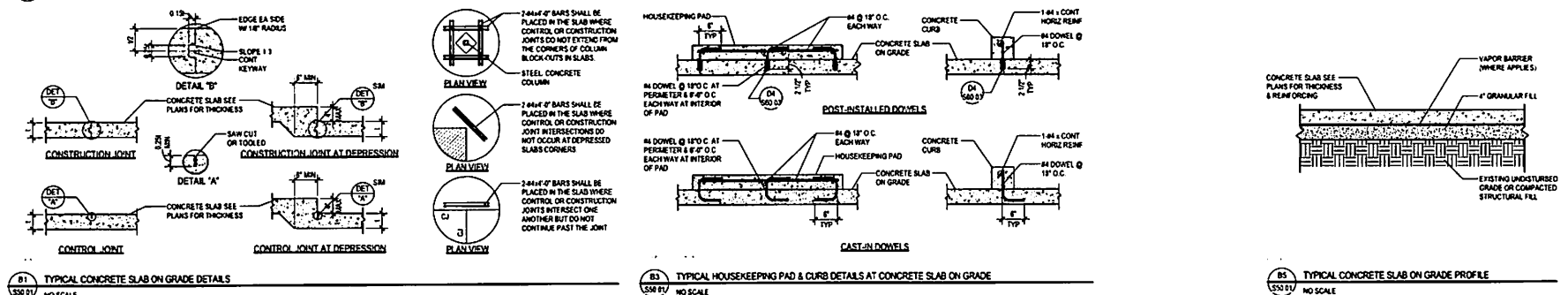
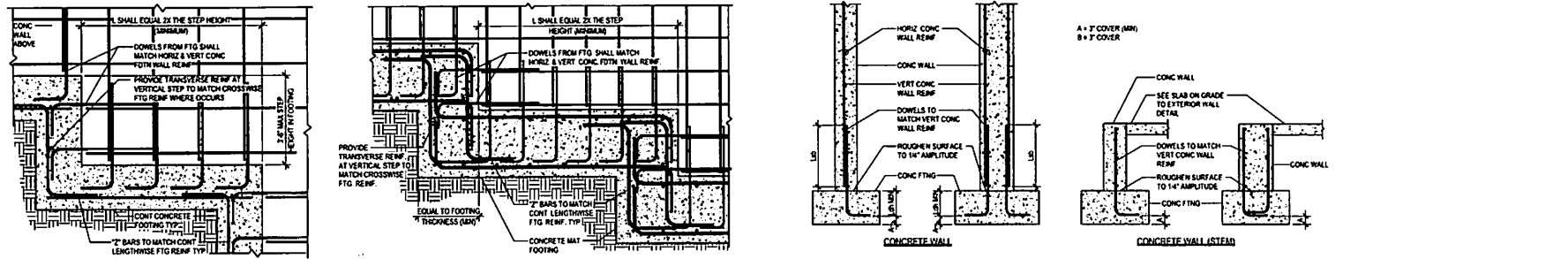
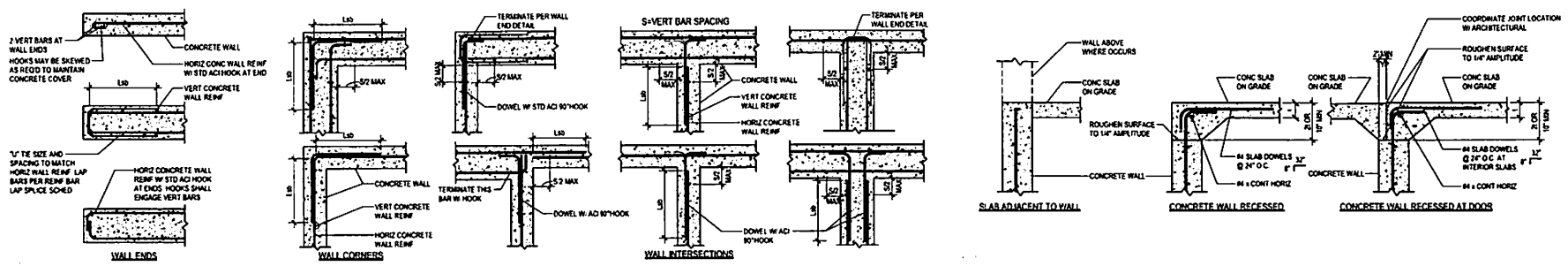
CONCRETE SHEARWALL DETAILS

No.	Description	Date
1	ISSUED FOR PERMITS	06/27/17

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

THE OWNER, ENGINEER, ARCHITECT, CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE SHEARWALL DETAILS. THE ENGINEER AND ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND QUALITY CONTROL. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE DETAILS. THE ENGINEER AND ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION AND QUALITY CONTROL. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE DETAILS.

DATE: 06-27-2017
SCALE: 1" = 1'-0"



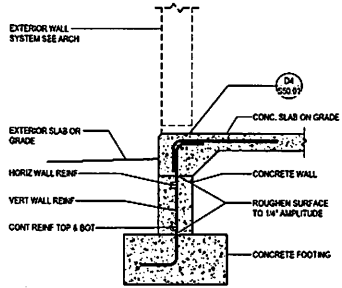
POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

TYP FOOTING & FOUNDATION DETAILS

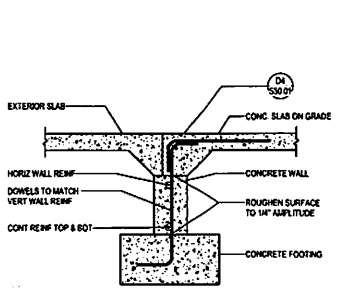
No.	Description	Date
1	HOUSEKEEPING PAD PERMIT	07/17

1. PROVIDE EARTHWORK DETAIL OF CRUSHED GRANULAR FILL COMPACTED TO 95% RELATIVE DENSITY OR AS SPECIFIED IN THE GENERAL NOTES. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL FOUNDATION ELEMENTS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL EXTERIOR WALLS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL INTERIOR WALLS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL SLABS ON GRADE. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL PATIOS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL DECKING. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL PORCHES. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL TERRACES. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL BALCONIES. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL STAIRS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL RAMPWAYS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL DRIVEWAYS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL PARKING AREAS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL LANDSCAPING AREAS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL UTILITY AREAS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL OTHER AREAS. PROVIDE A MINIMUM OF 12" OF CRUSHED GRANULAR FILL UNDER ALL AREAS WHERE SPECIFIED.

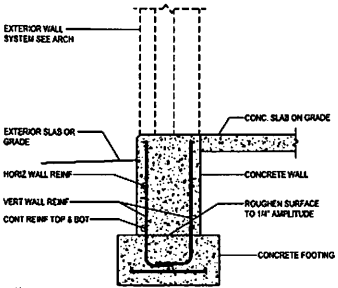
DATE: 06-27-2017
 SCALE: As indicated
 SHEET NO: 736
S50.01



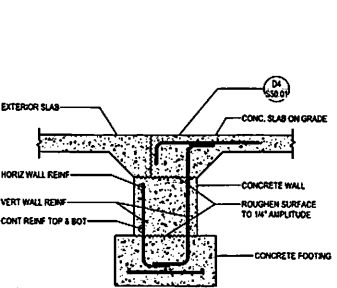
D1
S50.02
TYPICAL CONCRETE SLAB TO FOUNDATION WALL AT CURTAIN WALL
NO SCALE



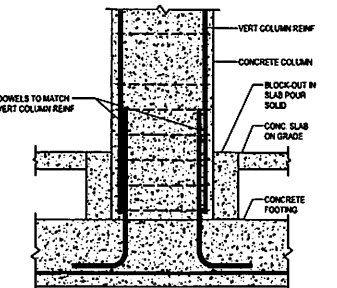
D2
S50.02
TYPICAL CONCRETE SLAB TO FOUNDATION WALL AT DOOR OPENING
NO SCALE



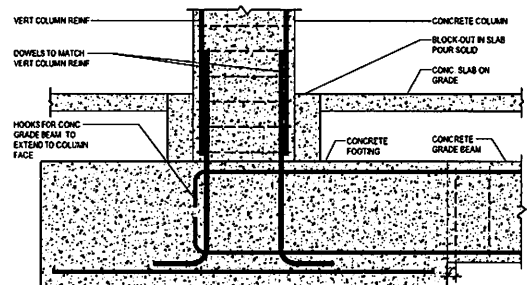
D3
S50.02
TYPICAL CONCRETE WALL ON CONCRETE FOOTING
NO SCALE



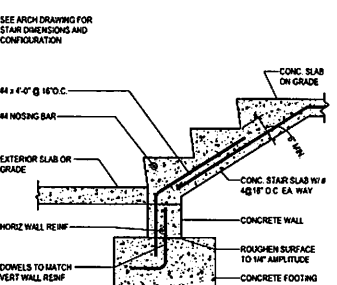
D4
S50.02
TYPICAL CONCRETE SLAB TO FOUNDATION WALL AT DOOR OPENING
NO SCALE



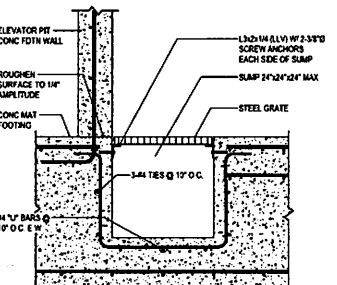
D5
S50.02
TYPICAL CONCRETE COLUMN ON CONCRETE FOOTING
NO SCALE



C2
S50.02
TYPICAL CONCRETE COLUMN ON CONCRETE FOOTING WITH GRADE BEAM
NO SCALE



C4
S50.02
TYPICAL CONCRETE STAIR TO FOUNDATION WALL
NO SCALE



C5
S50.02
TYPICAL SUMP AT ELEVATOR PIT WALL
NO SCALE

R&A
REGISTERED ARCHITECTS
408 Kearns Boulevard, Suite 100
Cedar Rapids, IA 52409
PH: 319.735.9300
FAX: 319.735.9300
www.randa.com

BEAVERLEY
ENGINEERS & ARCHITECTS
Consulting Architectural Engineers
1000 East 15th Street, Suite 200
Cedar Rapids, IA 52409
PH: 319.735.9300
FAX: 319.735.9300
www.beaverley.com

TRAMP

REGISTERED PROFESSIONAL ENGINEER
NO. 270796
STATE OF IOWA
EXPIRES 12/31/2017

NOT FOR CONSTRUCTION UNLESS SIGNED BY THE ARCHITECT

POWDER MOUNTAIN
5752 N. Copper Crest
Eden, UT 84310

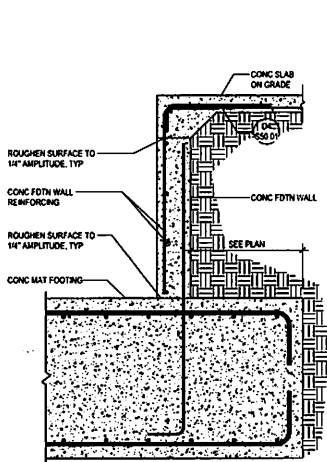
FOOTING & FOUNDATION DETAILS

No.	Description	Date
1	ISSUED FOR FOUNDATION PERMIT	06/27/17

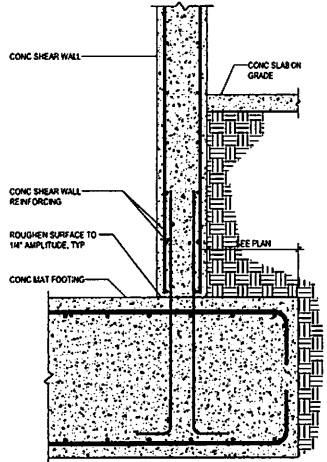
The entire foundation system shall be constructed in accordance with the approved plans and specifications. The contractor shall be responsible for obtaining all necessary permits and for ensuring that the foundation system is constructed in accordance with the approved plans and specifications. The contractor shall be responsible for ensuring that the foundation system is constructed in accordance with the approved plans and specifications. The contractor shall be responsible for ensuring that the foundation system is constructed in accordance with the approved plans and specifications.

236
DATE: 06-27-2017
SCALE: 1" = 1'-0"
SHEET NO: S50.02

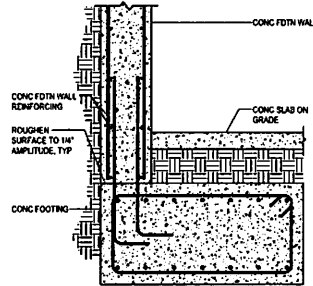
06/27/2017 2:53:54 PM



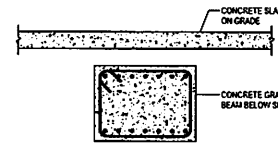
D1 TYPICAL ELEVATOR PIT DETAIL AT DOOR OPENING
S50.03 NO SCALE



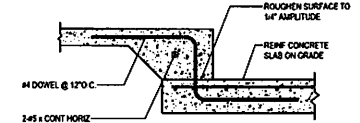
D2 TYPICAL ELEVATOR PIT DETAIL
S50.03 NO SCALE



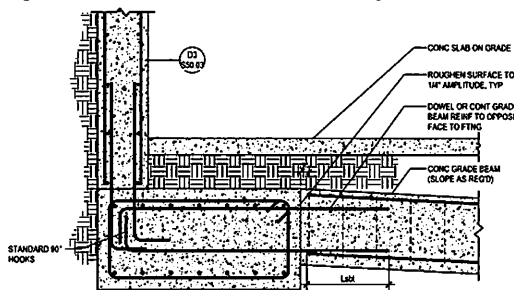
D3 TYPICAL CONCRETE WALL TO FOOTING DETAIL
S50.03 NO SCALE



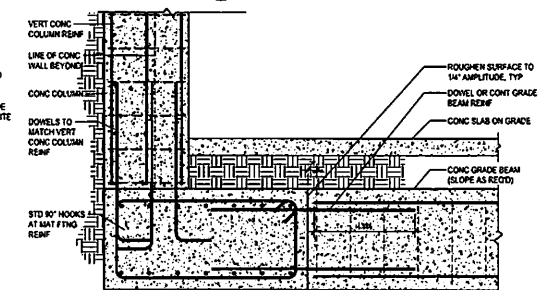
D4 TYPICAL CONCRETE GRADE BEAM BELOW SLAB ON GRADE
S50.03 NO SCALE



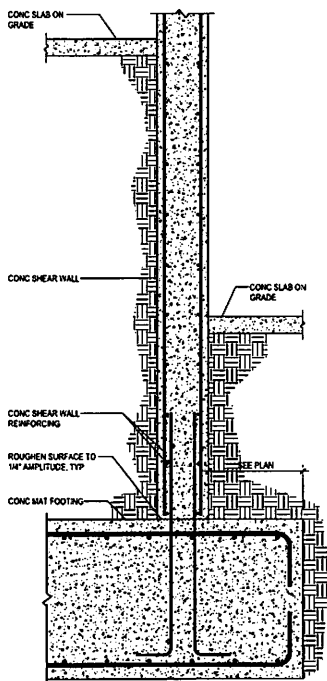
D5 TYPICAL 12\"/>



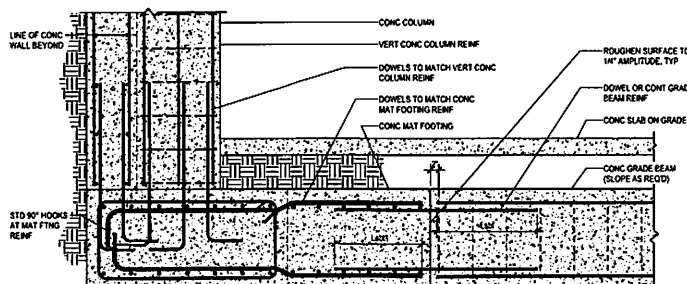
D3 CONCRETE WALL TO FOOTING DETAIL WITH CONCRETE GRADE BEAM
S50.03 NO SCALE



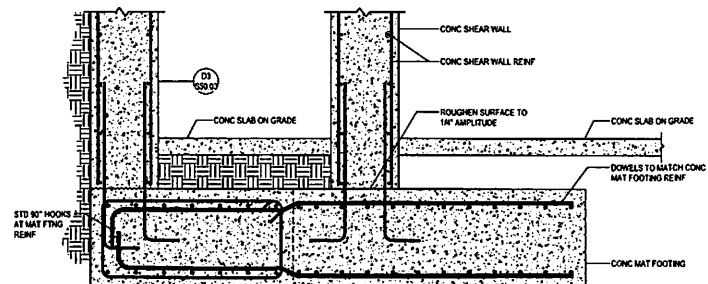
D5 TYPICAL CONCRETE COLUMN TO FOOTING DETAIL WITH CONCRETE GRADE BEAM
S50.03 NO SCALE



A1 SHEAR WALL DETAIL TO FOOTING AT FLOOR STEP
S50.03 NO SCALE



A2 CONCRETE WALL/COLUMN TO FOOTING DETAIL
S50.03 NO SCALE



A4 CONCRETE WALL TO FOOTING DETAIL
S50.03 NO SCALE

FOOTING & FOUNDATION DETAILS

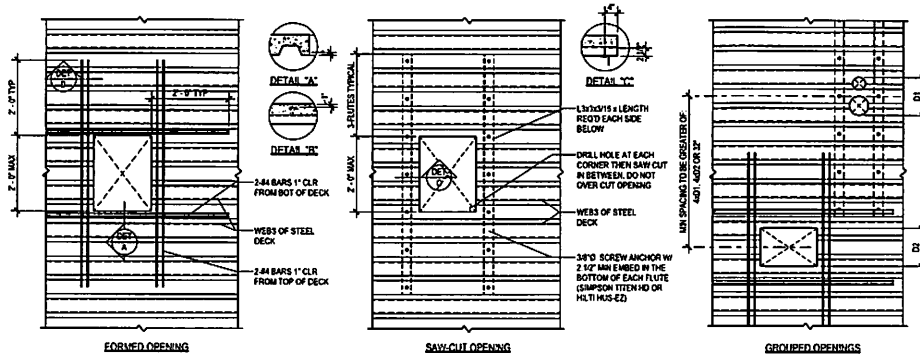
No.	Description	Date
1	FOOTING FOR FOUNDATION PERMIT	06/27/17

DATE: 06-27-2017
SCALE: 1" = 1'-0"
SHEET NO: 236

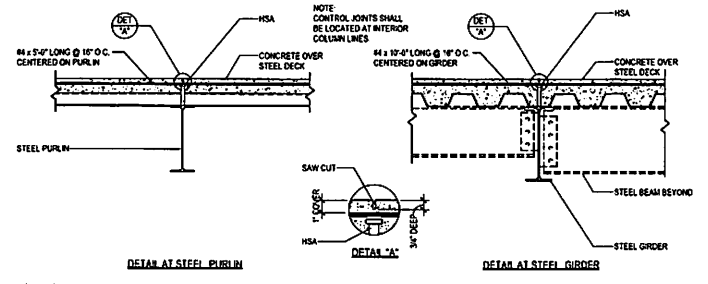
DATE: 06-27-2017
 SCALE: As indicated
 SHEET NO: 236
 PROJECT: TYPICAL CONCRETE OVER STEEL DECK DETAILS

No.	Description	Date
1	ISSUED FOR FOUNDATION PERMIT	27

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

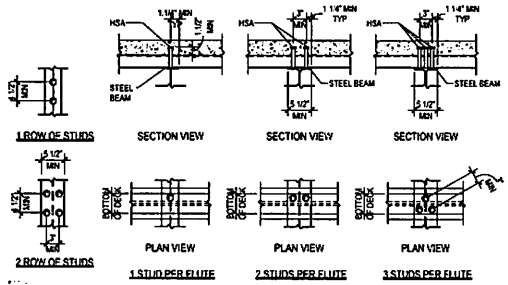


NOTE:
 1. LINE SPACING OF OPENINGS A. OPENINGS UP TO 6" DO NOT REQUIRE REINFORCING PROVIDED THEY ARE NOT SPACED LESS THAN 32" O.C.
 2. 3/8" Ø ANCHORS A. LEAVE METAL DECK INTACT. PLACE REBAR A FORM OPENING. REMOVE METAL DECK ONCE CONCRETE REACHES 2500 PSI.
 3. 3/8" Ø ANCHORS A. OPENINGS SPACED CLOSER THAN THE MIN SPACING SHALL BE REINFORCED AS A SINGLE OPENING. B. THE SITE OF OPENINGS MEASURED PARALLEL TO THE DECK FLUTES IS NOT LIMITED.
 4. OPENINGS LARGER THAN ALLOWED ON THESE DETAILS REQUIRE A FRAME. CONTACT ENGINEER IF FRAME IS NOT PROVIDED ON THE PLAN.

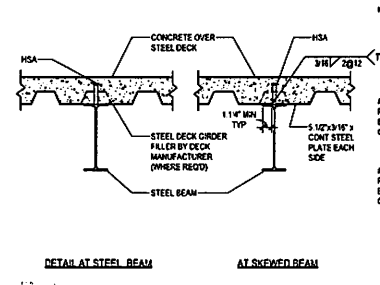


D1 TYPICAL MISCELLANEOUS FLOOR OPENING (UP TO 24") REINFORCING DETAIL FOR COMPOSITE STEEL DECK
 NO SCALE

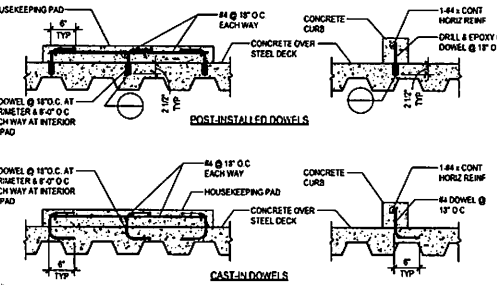
D4 TYPICAL COMPOSITE DECK CONTROL JOINTS
 NO SCALE



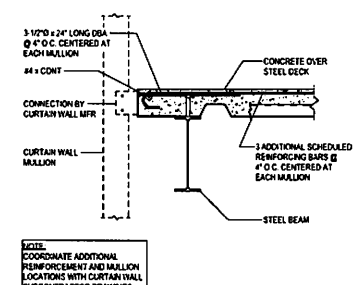
D3 TYPICAL STUD PLACEMENT DIAGRAMS
 NO SCALE



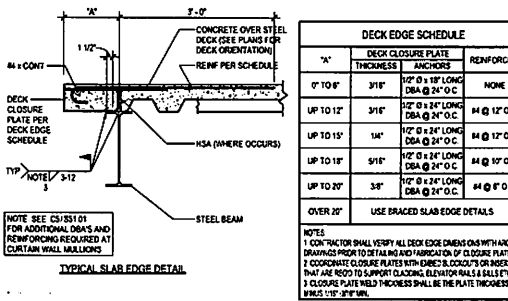
D2 TYPICAL COMPOSITE DECK BEARING DETAIL AT STEEL BEAM (DECK GIRDER FILLER)
 NO SCALE



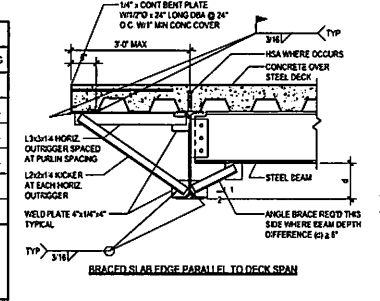
D5 TYPICAL HOUSEKEEPING PAD & CURBS DETAILS AT CONCRETE OVER STEEL DECK
 NO SCALE



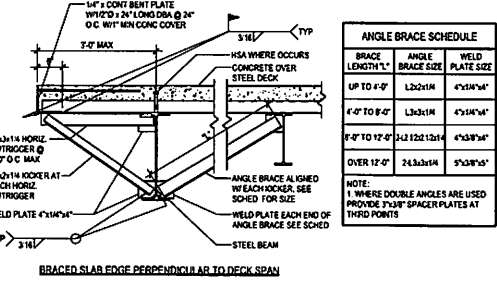
D6 TYPICAL DECK EDGE REINFORCEMENT AT CURTAIN WALL MULLIONS
 NO SCALE



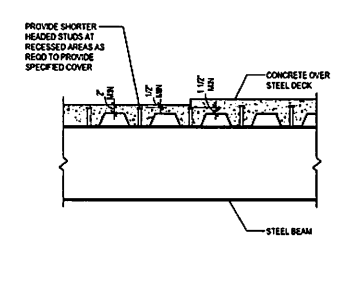
D7 TYPICAL CONCRETE OVER STEEL DECK SLAB EDGE DETAILS AT STEEL BEAMS
 NO SCALE



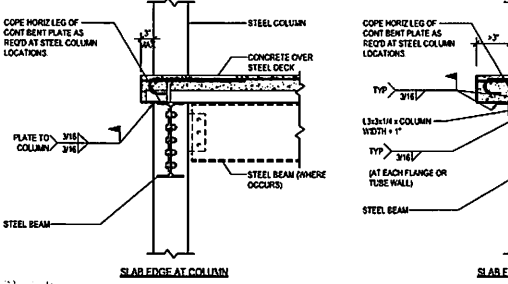
D8 BRACED SLAB EDGE PARALLEL TO DECK SPAN
 NO SCALE



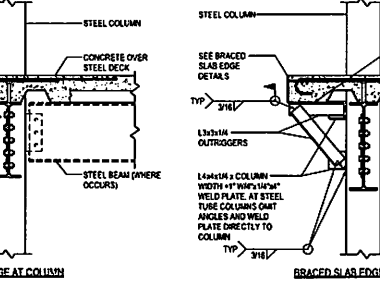
D9 BRACED SLAB EDGE PERPENDICULAR TO DECK SPAN
 NO SCALE



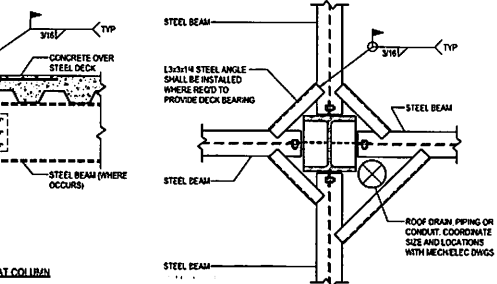
D10 TYPICAL COMPOSITE STEEL BEAM AT SLAB RECESS
 NO SCALE



D11 TYPICAL CONCRETE OVER STEEL DECK SLAB EDGE DETAILS AT STEEL COLUMNS
 NO SCALE



D12 BRACED SLAB EDGE AT COLUMN
 NO SCALE

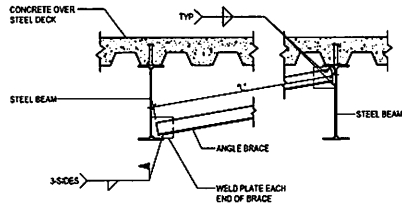


D13 TYPICAL DECK BEARING AT STEEL COLUMN (PLAN VIEW)
 NO SCALE

02/20/17 3:43:08 PM

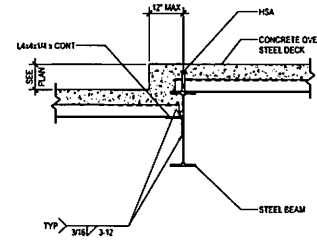
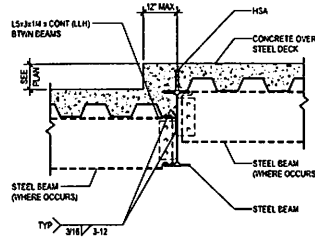
AAA. IF THIS SHEET IS NOT 18" x 24" IT IS A REDUCED PRINT

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION



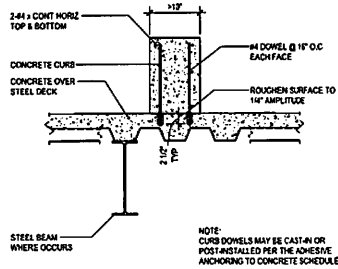
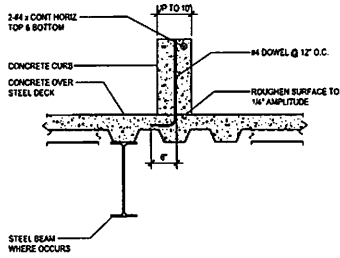
ANGLE BRACE SCHEDULE		
BRACE LENGTH "L"	ANGLE BRACE SIZE	WELD PLATE SIZE
UP TO 4'-0"	L2x2x1/4	4"x1/4"x1"
4'-0" TO 6'-0"	L3x3x1/4	4"x1/4"x1"
6'-0" TO 12'-0"	L2x2x1/2	4"x1/4"x1"
OVER 12'-0"	2x2x3/8	5"x1/4"x1"

NOTE:
1. WHERE DOUBLE ANGLES ARE USED PROVIDE 3/8" SPACER PLATES AT THIRD POINTS

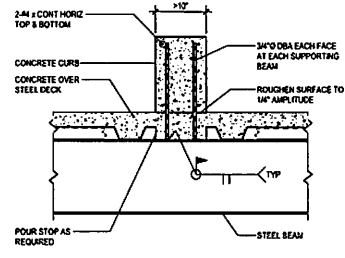
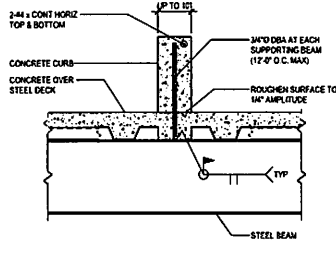


D1 TYPICAL STEEL BEAM BOTTOM FLANGE BRACE DETAIL
S51.02 NO SCALE

D2 TYPICAL DETAIL AT STEP IN COMPOSITE FLOOR DECK
S51.02 NO SCALE



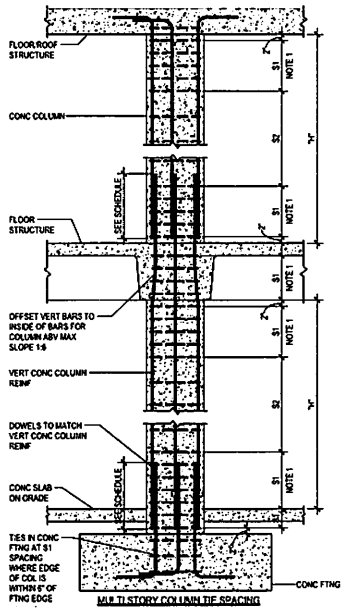
C1 TYPICAL CONCRETE CURB WALL ON COMPOSITE FRAMING
S51.02 NO SCALE



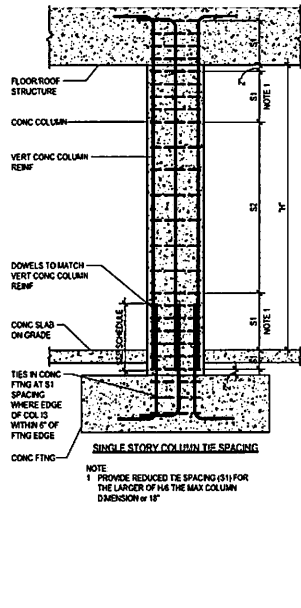
C2 TYPICAL CONCRETE CURB WALL ON COMPOSITE FRAMING
S51.02 NO SCALE

TYPICAL FLOOR FRAMING DETAILS

No.	Description	Date
1	REVISED FOR FOUNDATION PERMIT	06/27/17

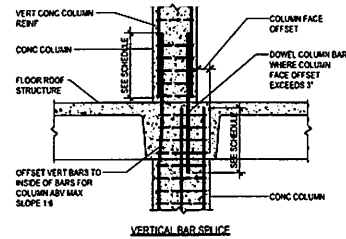


C1 TYPICAL CONCRETE COLUMN TIE DIAGRAMS
S60.02 NO SCALE

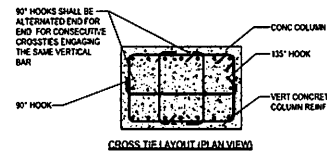


SINGLE STORY COLUMN TIE SPACING

NOTE: 1. PROVIDE REDUCED TIE SPACING (S1) FOR THE LARGER OF THE MAX COLUMN DIMENSION OR 18"

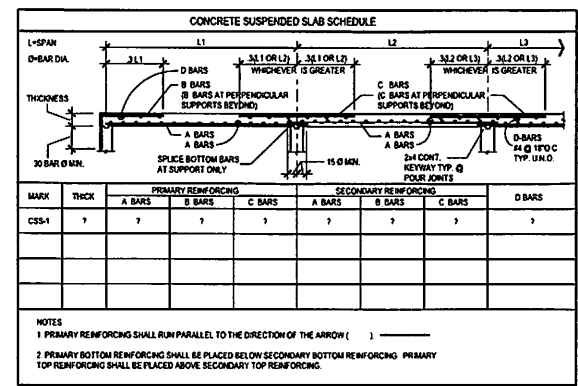


VERTICAL BAR SPLICE



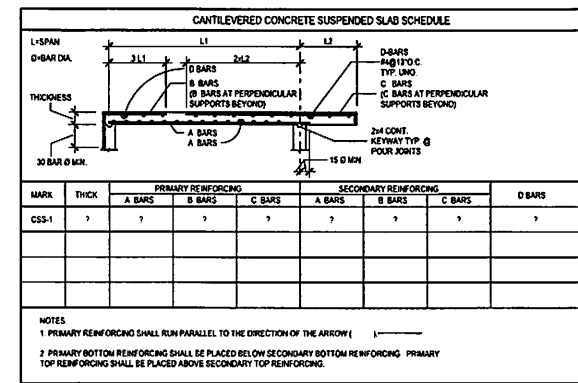
CROSS TIE LAYOUT (PLAN VIEW)

90° HOOKS SHALL BE ALTERNATED END FOR END FOR CONCRETE CROSS-TIES ENGAGING THE SAME VERTICAL BAR



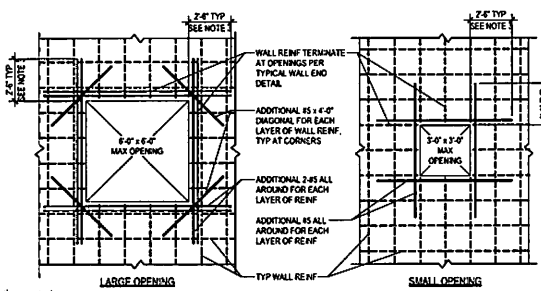
MARK	THICK	PRIMARY REINFORCING			SECONDARY REINFORCING			D BARS
		A BARS	B BARS	C BARS	A BARS	B BARS	C BARS	
CCS-1	?	?	?	?	?	?	?	

NOTES:
1. PRIMARY REINFORCING SHALL RUN PARALLEL TO THE DIRECTION OF THE ARROW ()
2. PRIMARY BOTTOM REINFORCING SHALL BE PLACED BELOW SECONDARY BOTTOM REINFORCING. PRIMARY TOP REINFORCING SHALL BE PLACED ABOVE SECONDARY TOP REINFORCING.



MARK	THICK	PRIMARY REINFORCING			SECONDARY REINFORCING			D BARS
		A BARS	B BARS	C BARS	A BARS	B BARS	C BARS	
CCS-1	?	?	?	?	?	?	?	

NOTES:
1. PRIMARY REINFORCING SHALL RUN PARALLEL TO THE DIRECTION OF THE ARROW ()
2. PRIMARY BOTTOM REINFORCING SHALL BE PLACED BELOW SECONDARY BOTTOM REINFORCING. PRIMARY TOP REINFORCING SHALL BE PLACED ABOVE SECONDARY TOP REINFORCING.

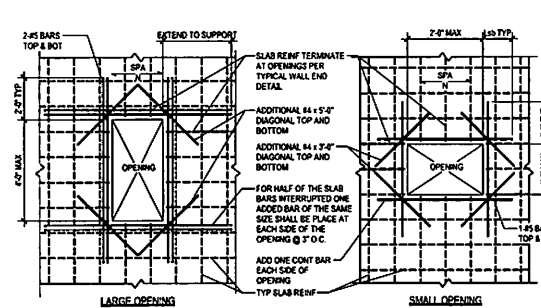


B1 TYPICAL OPENINGS THROUGH CONCRETE WALLS
S60.02 NO SCALE

NOTES:
1. OMT ADDED REINFORCEMENT SHOWN WHEN SPECIAL REINFORCEMENT INDICATED ON PLANS OR DETAILS, EXCEEDS THIS REINFORCEMENT.
2. CONTRACTOR SHALL VERIFY ALL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS WITH THE STRUCTURAL ENGINEER BEFORE PLACEMENT.
3. WHEN EDGE OF CONCRETE CLOSE TO OPENING WILL NOT ALLOW THIS LENGTH TERMINATE AT EDGE WITH STANDARD HOOK.
4. WHERE MULTIPLE OPENINGS OCCUR WITHIN TWO TIMES THE OPENING DIMENSION, THE GROUP OF OPENINGS SHALL BE TREATED AS A SINGLE OPENING.

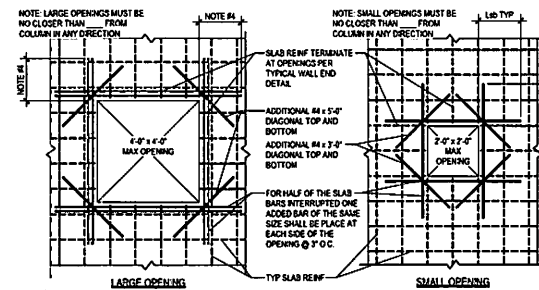
MARK	SIZE	REINFORCING				REMARKS
		VERTICAL	SPLICE	TIES	S1 SPACING	
CC-1	20" x 20"	4-#5		#5	6"	6"

NOTES:
1. SEE DETAIL FOR TYPICAL CONCRETE COLUMN TIE SPACING AND PLACEMENT.
2. SEE CONCRETE REINFORCING BAR DEVELOPMENT AND LAP SPLICE LENGTH SCHEDULE.



A1 TYPICAL OPENING THROUGH ONE WAY CONCRETE SUSPENDED SLAB (PLAN VIEW)
S60.02 NO SCALE

NOTES:
1. OMT ADDED REINFORCEMENT SHOWN WHEN SPECIAL REINFORCEMENT INDICATED ON PLANS OR DETAILS, EXCEEDS THIS REINFORCEMENT.
2. CONTRACTOR SHALL VERIFY ALL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS WITH THE STRUCTURAL ENGINEER BEFORE PLACEMENT.
3. WHEN EDGE OF CONCRETE CLOSE TO OPENING WILL NOT ALLOW THIS LENGTH TERMINATE AT EDGE WITH STANDARD HOOK.
4. EXTEND NEW REINFORCEMENT TO END OF INTERRUPTED REINFORCEMENT OR 18" BEYOND EDGE OF OPENING WHICHEVER IS SMALLER.
5. WHERE MULTIPLE OPENINGS OCCUR WITHIN TWO TIMES THE OPENING DIMENSION, THE GROUP OF OPENINGS SHALL BE TREATED AS A SINGLE OPENING.



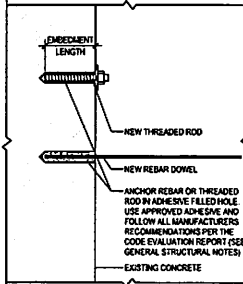
A2 TYPICAL DETAIL AT OPENINGS THROUGH TWO WAY CONCRETE SUSPENDED SLAB (PLAN VIEW)
S60.02 NO SCALE

NOTES:
1. OMT ADDED REINFORCEMENT SHOWN WHEN SPECIAL REINFORCEMENT INDICATED ON PLANS OR DETAILS, EXCEEDS THIS REINFORCEMENT.
2. CONTRACTOR SHALL VERIFY ALL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS WITH THE STRUCTURAL ENGINEER BEFORE PLACEMENT.
3. WHEN EDGE OF CONCRETE CLOSE TO OPENING WILL NOT ALLOW THIS LENGTH TERMINATE AT EDGE WITH STANDARD HOOK.
4. EXTEND NEW REINFORCEMENT TO END OF INTERRUPTED REINFORCEMENT OR 18" BEYOND EDGE OF OPENING WHICHEVER IS SMALLER.
5. WHERE MULTIPLE OPENINGS OCCUR WITHIN TWO TIMES THE OPENING DIMENSION, THE GROUP OF OPENINGS SHALL BE TREATED AS A SINGLE OPENING.

REV	DESCRIPTION	DATE
1	ISSUED FOR FOUNDATION PERMIT	05/17/17

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION
DATE: 06-27-2017
SCALE: As indicated
SHEET NO: 236

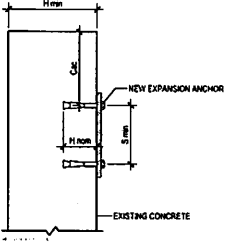
REV	DESCRIPTION	DATE
1	ISSUED FOR FOUNDATION PERMIT	07/16/17



ADHESIVE ANCHORS IN CONCRETE SCHEDULE			
REINFORCING BAR		THREADED ROD	
DOWEL SIZE	EMBEDMENT LENGTH (SEE NOTE #2)	SIZE	EMBEDMENT LENGTH (SEE NOTE #2)
#3	4"	3/8"	4 1/2"
#4	6"	1/2"	6"
#5	8"	5/8"	7 1/2"
#6	12"	3/4"	9"
#7	12 1/2"	7/8"	10 1/2"
#8	12"	1"	12"
#9	14"	1 1/8"	15"
#10	18"	1 1/2"	18"
#11	18"	1 3/4"	18"

NOTES:
 1 THIS SCHEDULE SHALL BE USED ONLY WHERE SPECIFICALLY REFERENCED ON THE DRAWINGS AND AT OTHER LOCATIONS WITH APPROVAL OF THE STRUCTURAL ENGINEER.
 2 EMBEDMENT LENGTHS SPECIFIED ON PLANS OR DETAILS TAKE PRECEDENCE OVER EMBEDMENT LENGTHS IN THIS SCHEDULE.
 3 WHERE THE THICKNESS OF THE EXISTING CONCRETE MEMBER IS NOT SUFFICIENT TO ACHIEVE SCHEDULED EMBEDMENT AND SPECIFIED CLEAR COVER FOR THE ANCHOR, CONTACT THE STRUCTURAL ENGINEER.
 4 SEE GENERAL STRUCTURAL NOTES FOR LIST OF APPROVED ADHESIVES AND OTHER REQUIREMENTS FOR ADHESIVE ANCHORING.

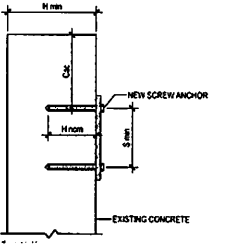
CA
S60.03
ADHESIVE ANCHORS IN CONCRETE SCHEDULE
NO SCALE



EXPANSION ANCHORS IN CONCRETE SCHEDULE				
ANCHOR SIZE	MINIMUM EDGE DISTANCE (C _{min})	EMBEDMENT LENGTH (H _{min})	MINIMUM CONCRETE THICKNESS (H _{min})	MINIMUM ANCHOR SPACING (S _{min})
3/8"	6 1/2"	2 7/8"	4 1/2"	3 3/4"
1/2"	10"	3 7/8"	6"	5"
5/8"	10"	5 1/8"	6"	6"
3/4"	10"	5 3/4"	10"	7"

NOTES:
 1 THIS SCHEDULE SHALL BE USED ONLY WHERE SPECIFICALLY REFERENCED ON THE DRAWINGS. ANCHORS AT OTHER LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
 2 EDGE DISTANCE, C_{min}, AND EMBEDMENT LENGTHS, H_{min}, AND ANCHOR SPACING SPECIFIED ON PLANS OR DETAILS TAKE PRECEDENCE OVER VALUES IN THIS SCHEDULE.
 3 ANCHORS LOCATED WHERE THE THICKNESS OF THE EXISTING CONCRETE MEMBER DOES NOT MEET THE REQUIRED MINIMUM CONCRETE THICKNESS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
 4 SEE GENERAL STRUCTURAL NOTES FOR LIST OF APPROVED ANCHORS AND OTHER REQUIREMENTS FOR USING EXPANSION ANCHORS.

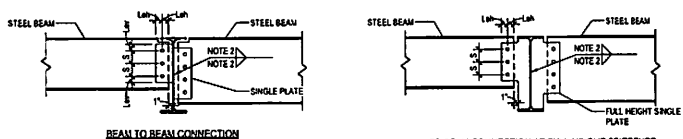
CA
S60.03
EXPANSION ANCHORS IN CONCRETE SCHEDULE
NO SCALE



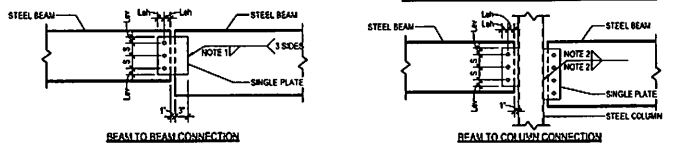
SCREW ANCHORS IN CONCRETE SCHEDULE				
ANCHOR SIZE	MINIMUM EDGE DISTANCE (C _{min})	EMBEDMENT LENGTH (H _{min})	MINIMUM CONCRETE THICKNESS (H _{min})	MINIMUM ANCHOR SPACING (S _{min})
3/8"	3 3/4"	3 1/4"	5"	2"
1/2"	4 1/2"	4"	6 1/4"	3 1/2"
5/8"	6 3/4"	5 1/2"	8 1/2"	3 3/4"
3/4"	7 5/8"	6 1/4"	10"	4 1/2"

NOTES:
 1 THIS SCHEDULE SHALL BE USED ONLY WHERE SPECIFICALLY REFERENCED ON THE DRAWINGS AND AT OTHER LOCATIONS WITH APPROVAL OF THE STRUCTURAL ENGINEER.
 2 EDGE DISTANCE, C_{min}, AND EMBEDMENT LENGTHS, H_{min}, AND ANCHOR SPACING SPECIFIED ON PLANS OR DETAILS TAKE PRECEDENCE OVER VALUES IN THIS SCHEDULE.
 3 ANCHORS LOCATED WHERE THE THICKNESS OF THE EXISTING CONCRETE MEMBER DOES NOT MEET THE REQUIRED MINIMUM CONCRETE THICKNESS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
 4 SPECIAL INSPECTION IS REQUIRED DURING INSTALLATION OF ALL SCREW ANCHORS PER THE CODE EVALUATION REPORT FOR THE ANCHOR AND THE QUALITY ASSURANCE SECTION OF THE GENERAL STRUCTURAL NOTES.
 5 SEE GENERAL STRUCTURAL NOTES FOR LIST OF APPROVED ANCHORS AND OTHER REQUIREMENTS FOR USING SCREW ANCHORS.
 6 SCREW ANCHORS SHALL ONLY BE USED IN INTERIOR DRY LOCATIONS.

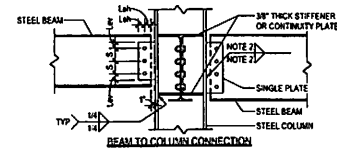
CA
S60.03
SCREW ANCHORS IN CONCRETE SCHEDULE
NO SCALE



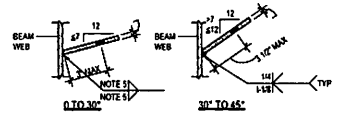
G1 TYPICAL SINGLE PLATE CONNECTION DETAILS AND SCHEDULE



G1 TYPICAL SINGLE PLATE CONNECTION DETAILS AND SCHEDULE



G1 TYPICAL SINGLE PLATE CONNECTION DETAILS AND SCHEDULE



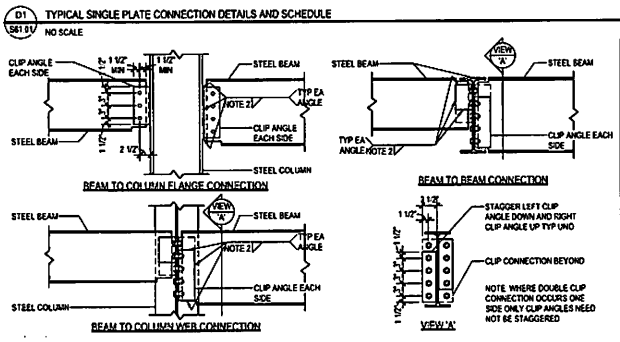
G1 TYPICAL SINGLE PLATE CONNECTION DETAILS AND SCHEDULE

SINGLE PLATE CONNECTION SCHEDULE

BEAM SIZE	WEB PLATE THICKNESS (t)	AISC/BOLTS NUMBER	SIZE
WB AND W10	3/8"	2	7/8"
WT2 AND W14	3/8"	3	7/8"
W16	3/8"	4	7/8"
W18	3/8"	5	7/8"
W21	3/8"	6	7/8"
W24	3/8"	7	7/8"
W27	3/8"	8	7/8"
W30	3/8"	9	7/8"
W33	3/8"	10	7/8"
W36	3/8"	11	7/8"

NOTES:

- FLLET ADD SHALL EQUAL THE PLATE THICKNESS MINUS 1/4" (t-1/4")
- FLLET ADD SHALL BE 5t FOR THE PLATE THICKNESS (t) (MIN)
- BOLT EDGE DISTANCE SHALL BE AS FOLLOWS (Lp + 2t BOLT DIAMETER, Lp + 1.5t)
- BOLT SPACING SHALL BE 7t
- AT BEAM JOINTS PROVIDE AN EQUAL "WEB" SIZE TO NOTE 1 PER Lp + 1.5t
- PROVIDE SHORT SLOTTED HOLES WHEN A OR MORE BOLTS ARE REQUIRED AND BOLT DIAMETER IS 3/4"



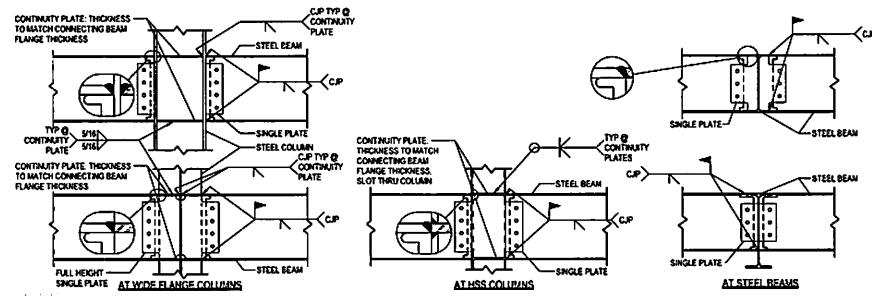
G1 TYPICAL DOUBLE ANGLE CONNECTION DETAILS AND SCHEDULE

DOUBLE ANGLE CONNECTION SCHEDULE

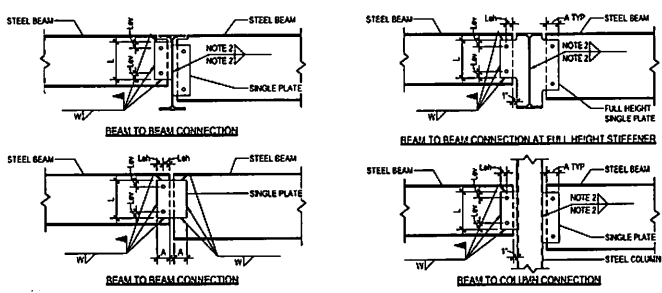
BEAM SIZE	AISC/BOLTS NO PER LEG	SIZE
WB W10	3	7/8"
WT2, W14	3	7/8"
W16	4	7/8"
W18	5	7/8"
W21	6	7/8"
W24	7	7/8"
W27	8	7/8"
W30	9	7/8"
W33	10	7/8"
W36	10	7/8"

NOTES:

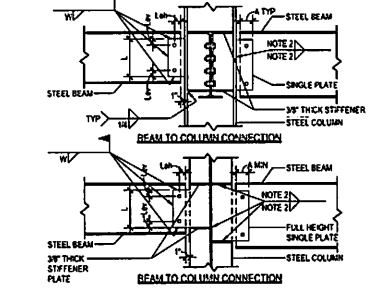
- CLIP ANGLES 2X t (t = THICKNESS) SHALL BE EQUAL TO ONE HALF THE BEAM WEB THICKNESS PLUS 3/8" (t/2 MIN) FOR TWO ROWS OF BOLTS OR SIX WELD CONNECTIONS. USE BOLT PLATES.
- FLLET WELD SHALL BE ANGLE THICKNESS MINUS 1/4" (t-1/4")
- CONTRACTOR HAS OPTION TO BOLT CLIP ANGLES AT EVERY BEAM WEB IN BEAM TO BEAM CONNECTIONS.
- BOLT EDGE DISTANCE SHALL BE 1.5t MIN. AT ALL BEAM AND CLIP ANGLE EDGES. BOLT SPACING SHALL BE 7t OR 6t MIN.



G1 TYPICAL GRAVITY BEAM MOMENT CONNECTION



G1 TYPICAL SINGLE PLATE COLLECTOR/CHORD CONNECTION DETAILS AND SCHEDULE



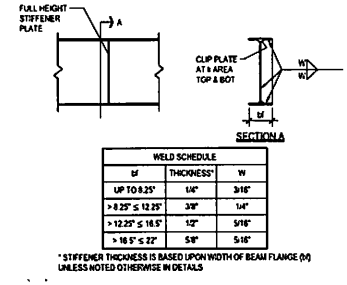
G1 TYPICAL SINGLE PLATE COLLECTOR/CHORD CONNECTION DETAILS AND SCHEDULE

SINGLE PLATE COLLECTOR/CHORD CONNECTION SCHEDULE

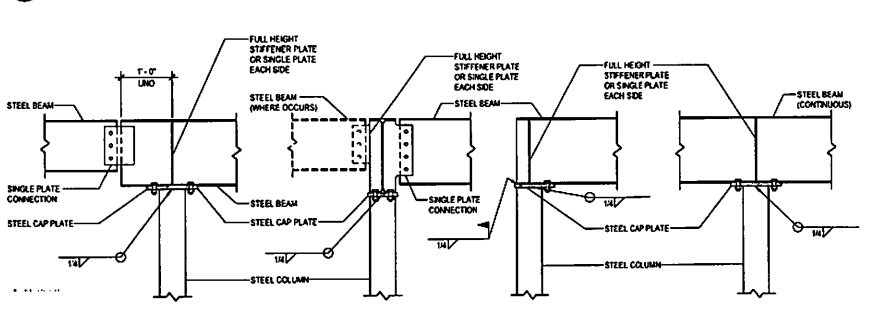
BEAM SIZE	WEB PLATE L	WEB PLATE A	WEB PLATE THICKNESS	WELD BY	ERECTOR BOLTS
BEAM SIZE					

NOTES:

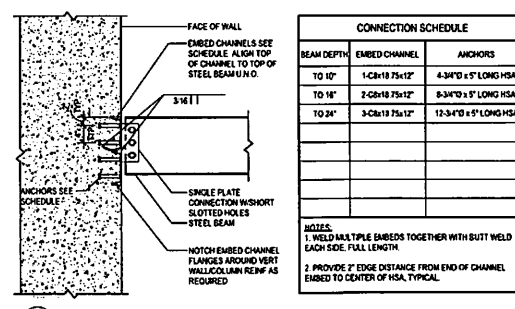
- ERECTOR BOLT SHALL BE 1/4" AISC/BOLTS
- FLLET WELD TWO SIDES SHALL BE 5t (t = PLATE THICKNESS) (t) MIN EACH SIDE
- BOLT EDGE DISTANCE SHALL BE AS FOLLOWS (Lp + 2t BOLT DIAMETER, Lp + 1.5t)
- BOLT SPACING SHALL BE 7t MIN.



G1 TYPICAL STIFFENER PLATE DETAIL



G1 TYPICAL STEEL BEAM BEARING ON STEEL COLUMN



G1 TYPICAL EMBED CHANNEL CONNECTION SCHEDULE

CONNECTION SCHEDULE

BEAM DEPTH	EMBED CHANNEL	ANCHORS
TO 10"	1-Cx18 75x12"	4-3/4" x 5" LONG HSA
TO 18"	2-Cx18 75x12"	8-3/4" x 5" LONG HSA
TO 24"	3-Cx18 75x12"	12-3/4" x 5" LONG HSA

NOTES:

- WELD MULTIPLE EMBEDS TOGETHER WITH BUTT WELD EACH SIDE. FULL LENGTH.
- PROVIDE 2" EDGE DISTANCE FROM END OF CHANNEL EMBED TO CENTER OF HSA. TYPICAL.

TYPICAL STEEL FRAMING SCHEDULES

No.	Description	Date

T.O. PENTHOUSE					T.O. PENTHOUSE
61'-2"					61'-2"
ROOF LEVEL					ROOF LEVEL
47'-0"	HSS10x16	HSS10x16	HSS10x16	HSS10x16	47'-0"
LEVEL 4					LEVEL 4
33'-0"	HSS10x16	HSS10x14	HSS10x16	HSS10x16	33'-0"
LEVEL 2					LEVEL 2
9'-0"	SEP-1	SEP-1	SEP-2	SEP-1	9'-0"
LEVEL 1.1					LEVEL 1.1
4'					4'
LEVEL 1					LEVEL 1
2'-0"					2'-0"
Column Locations	C-21	K-20	K-21	L-21	J1'-3" WY-5

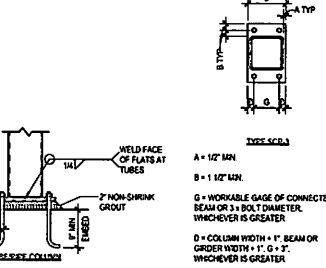
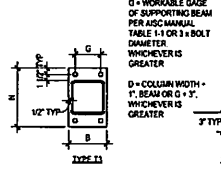
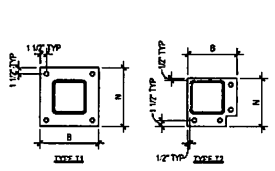
- STEEL COLUMN SCHEDULE NOTES**
- SEE GRAVITY COLUMN STEEL BASE PLATE SCHEDULE FOR MMB/M AND/OR BOLT REQUIREMENTS
 - PROVIDE CAP PLATE PER TYPICAL GRAVITY COLUMN CAP PLATE DETAILS. CAP PLATE THICKNESS SHALL BE 3/4" THICK TYP. UNO
 - COLUMN SPLICES SHALL BE LOCATED PER SPLICE DETAILS. TYPICAL, UNO

STEEL BASE PLATE SCHEDULE

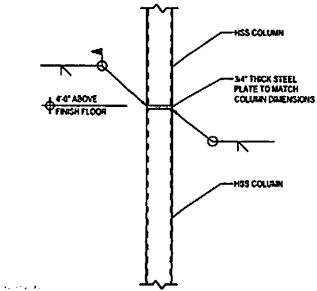
BASE PLATE MARK	H	B	THICKNESS	C	TYPE	REMARKS
SEP-1	18"	12"	3/8"		T3	
SEP-2	14"	14"	1"		T1	

NOTES:
 1. BASE PLATES BEARING ON CONCRETE SHALL BE INSTALLED WITH 4" X 4" ANCHOR BOLTS AND PROJECT ANCHOR RODS 8" MIN. ABOVE THE TOP OF THE BASE PLATE. ALL BOLTS SHALL BE INSTALLED WITH SPACED ALIGNERS BEHIND THE NUT. ANY BOLT HOLE LARGER THAN THE BOLT DIAMETER PLUS 5/16" SHALL HAVE 5/16" PLATE WASHERS INSTALLED BENEATH THE WAZCODED WIDENING.
 2. BASE PLATES BEARING ON STEEL SHALL BE INSTALLED WITH 2" X 2" ANCHOR BOLTS UNLESS NOTED OTHERWISE.
 3. DO NOT WELD INTO ROOF.

01 TYPICAL STEEL BASE PLATE SCHEDULE & DETAILS FOR GRAVITY COLUMNS
 561.02 NO SCALE



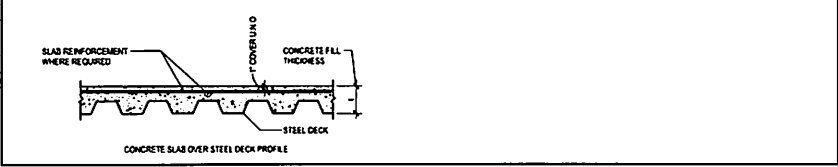
04 TYPICAL STEEL CAP PLATE DETAILS FOR GRAVITY COLUMNS
 561.02 NO SCALE



A2 TYPICAL HSS STEEL COLUMN SPLICE FOR GRAVITY COLUMNS
 561.02 NO SCALE

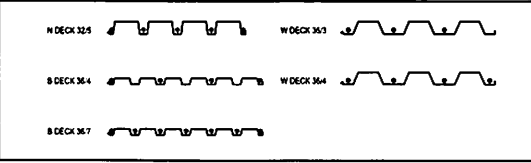
STEEL DECK SCHEDULE										
MARK	STEEL DECK				CONCRETE FILL			STEEL DECK ATTACHMENT	MIN ALLOWABLE SHEAR CAPACITY	NOTES
	PROFILE	DEPTH (IN)	GAUGE	FINISH	THICKNESS (IN)	TYPE	REINFORCEMENT			
SD-1	TYPE W2 2" DEEP x 20 GA	0.422	0.373	PHOSPHATIZED/ PAINTED	4"	NORMAL WEIGHT	8# W2 DWIG 0 WIG OR FIBER	SDA-3	2430 PLF @ 8'-0"	1 HR FIRE RATING
SD-2	TYPE B 1 1/2" DEEP x 20 GA	0.219	0.230	GALVANIZED (G60)				SDA-2	1304 PLF @ 8'-0"	

- NOTES
- STEEL DECK SHALL COMPLY WITH LATEST REQUIREMENTS OF THE STEEL DECK INSTITUTE (SDI).
 - SUBMIT CURRENT CODE EVALUATION REPORT (CER) OR IMPROV WITH LOAD AND LATERAL SHEAR CAPACITIES WITH SHOP DRAWINGS.
 - FIBER REINFORCEMENT WHEN REQUIRED IN SCHEDULE SHALL BE MACROSYNTHETIC FIBER REINFORCEMENT FOR THE CONCRETE MATERIALS SECTION OF THE GENERAL STRUCTURAL NOTES.
 - ALL DECK BE 3-SPAN CONTINUOUS MINIMUM WHERE POSSIBLE. IN AREAS WHERE 3-SPAN CONDITIONS ARE NOT POSSIBLE THE CONTRACTOR SHALL VERIFY UN-SHORED DECK IS PERMITTED BY THE DECK MANUFACTURER FOR THE SPAN CONDITION. SPAN LENGTH AND DECK GAUGE. WHERE DECK DOES NOT MEET THE REQUIREMENTS FOR UN-SHORED DECK, THE CONTRACTOR SHALL EITHER PROVIDE HEAVIER GAUGE DECK TO ALLOW FOR UN-SHORED DECK OR PROVIDE SHORING.
 - STEEL DECK WITHOUT CONCRETE FILL SHALL NOT BE USED TO SUPPORT LOADS FROM PLUMBING, HVAC DUCTS, LIGHT FIXTURES, ARCHITECTURAL ELEMENTS OR EQUIPMENT OF ANY KIND UNLESS SPECIFICALLY NOTED OTHERWISE. LIGHTWEIGHT SUSPENDED ACOUSTICAL CEILING WITH A TOTAL WEIGHT PER WIRE NOT EXCEEDING 50# MAY BE HUNG FROM THE STEEL ROOF DECK. THE HANGERS SHOULD BE STAGGERED TO DISTRIBUTE THE LOAD OVER MULTIPLE DECK FLUTES.
 - DECK SHALL HAVE 2" MINIMUM BEARING ON ALL SUPPORTING MEMBERS (MEMBERS PERPENDICULAR TO DECK) AND 1 1/2" MINIMUM BEARING AT PARALLEL BEARERS.
 - DO NOT EMBED CONDUITS OR PIPES IN CONCRETE FILL OVER STEEL DECKS WITHOUT APPROVAL OF STRUCTURAL ENGINEER.
 - SEE TYPICAL DETAILS FOR REINFORCEMENT REQUIRED AT OPENINGS THROUGH STEEL DECK. OPENING REINFORCING SHALL BE INSTALLED PRIOR TO BAW CUTTING OPENINGS.
 - PROVIDE GALVANIZED STEEL DECK ABOVE & BELOW MECHANICAL ROOMS.
 - SEE PLANS AND DETAILS FOR LOCATIONS WHERE ADDITIONAL SLAB REINFORCEMENT IS REQUIRED.



STEEL DECK ATTACHMENT SCHEDULE						
MARK	WELDED			MECHANICAL		
	SUPPORTS	PARALLEL	SIDE LAP	SUPPORTS	PARALLEL	SIDE LAP
SDA-1	PW @ 3/4"	PW @ 12' O.C.	3/16" BP @ 12' O.C.	PAF @ 3/4"	PAF @ 12' O.C.	PSC @ 12' O.C.
SDA-2	PW @ 3/4"	PW @ 12' O.C.	1 1/2" TSW @ 12' O.C.	PAF @ 3/4"	PAF @ 12' O.C.	PSC @ 12' O.C.
SDA-3	PW @ 3/4"	PW @ 12' O.C.	3/16" BP @ 12' O.C.	PAF @ 3/4"	PAF @ 12' O.C.	PSC @ 12' O.C.
SDA-4	PW @ 3/4"	PW @ 12' O.C.	1 1/2" TSW @ 12' O.C.	PAF @ 3/4"	PAF @ 12' O.C.	PSC @ 12' O.C.

- NOTES
- PW = PUDDLE WELD - 1/2" EFFECTIVE DIAMETER ARC SPOT WELD AT INTERIOR FLUTES. 1/4" X 3/16" EFFECTIVE ARC SEAM WELD AT SUPPORTS ADJACENT TO SDE LAP.
 - TSW = TOP SEAM WELD - 1 1/2" LONG TOP SEAM WELDS BETWEEN ADJACENT PIECES OF DECKING. GRAMP SIDE SEAMS BEFORE WELDING INTERLOCKING SEAMS.
 - BP = BUTTON PUNCH - 3/16" BUTTON PUNCH BETWEEN ADJACENT PIECES OF DECK. GRAMP SEAMS BEFORE BUTTON PUNCHING INTERLOCKING SEAMS.
 - PAF = POWDER ACTIVATED FASTENER -
 HELIX-HX 2418 AT SUPPORTS 3/16" THROUGH 3/8" THICK. PNEUTEX SD241815 AT SUPPORTS 9/16" THROUGH 9/16" THICK.
 HELIX-HX 191115 AT SUPPORTS 1/4" THICK AND GREATER. PNEUTEX K54023 AT SUPPORTS 9/16" THROUGH 9/16" THICK.
 PNEUTEX K66022 OR K66023 AT SUPPORTS 9/16" THICK AND GREATER.
 - SDS = SELF DRILLING SCREW WHERE SDE LAPS HAVE SCREWED CONNECTION THE DECK PROVIDED SHALL HAVE A SCREWABLE SIDE SEAM LUG.
 - PSC = PROPRIETARY SDE LAP CONNECTION - VERCIO SDE LAP CONNECTION 2 FOR VERCIO PANEL CLX 8 SYSTEM. ASC DELTA GRIP FOR ASC DECKS.
 - SPACING AT SUPPORTS IS NOTED AS DECK PANEL WIDTH ATTACHMENTS PER PANEL. FOR EXAMPLE PW @ 3/4" INDICATES A 3/4" WIDE DECK SHEET WITH 4 PUDDLE WELDS AT EACH SUPPORT.
 - HEADED STUD ANCHORS WELDED THROUGH DECK WITH 1" MINIMUM COVER FROM EDGE OF DECK TO STUD CENTERLINE MAY BE SUBSTITUTED ONE FOR ONE FOR PW ALIGN AND SECURE DECK IN POSITION BEFORE INSTALLING STUDS.
 - SEE PLANS AND SPECS SHEETS FOR ADDITIONAL FASTENERS REQUIRED AT MEMBERS DENOTED AS SFPS. OMIT ATTACHMENTS WHERE DENOTED AS PROTECTED ZONES IN SFPS.
 - ALL WELDED SURFACES SHALL BE DRY BEFORE WELDING DECK OR STUDS TO SUPPORTS.
 - ALIGN AND SECURE DECK IN POSITION BEFORE WELDING OR INSTALLING FASTENERS OR STUDS.
 - ALTERNATE MEANS OF DECK ATTACHMENT ARE PERMITTED WITH APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL SUBMIT THE PROPOSED ATTACHMENT SYSTEM AND THE CODE EVALUATION REPORT DEMONSTRATING THE SYSTEM HAS THE STRENGTH TO MEET THE SPECIFIED DECK SHEAR. IF THE ALTERNATE METHOD IS APPROVED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENGINEER THAT THE DECK TYPE AND PROFILE IS COMPATIBLE WITH THE FASTENING SYSTEM.



R&A

404 Tenthon Road, Suite 100
 Cedar City, UT 84709
 435.739.8860
 www.r-a.com

REARVELEY
 ENGINEER & ARCHITECT
 1000 North 500 East
 Cedar City, UT 84709
 435.739.8860
 www.rearvey.com

NOT FOR CONSTRUCTION UNLESS APPROVED BY THE ARCHITECT

POWDER MOUNTAIN
 5752 N. Copper Crest
 Eden, UT 84310

STEEL DECK SCHEDULES

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMITS	01/14/21

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

This permit documents are for informational purposes only. The contractor is responsible for ensuring all construction complies with the approved plans and specifications. The contractor shall verify that all materials and workmanship meet the required standards. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for ensuring that all construction complies with the approved plans and specifications. The contractor shall be responsible for ensuring that all construction complies with the approved plans and specifications.

DATE **06-27-2017**
 SCALE **1" = 1'-0"**
 SHEET NO. **236**
 SHEET **7**

S61.03

6/27/2017 5:03:11 PM

STAMP

NOT FOR CONSTRUCTION UNTIL
SIGNED BY THE ARCHITECT

SHEET TITLE
WOOD SCHEDULES

No.	Description	Date
17	ISSUED FOR FOUNDATION PERMIT	07/17/17

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

DATE
06-27-2017

SCALE
1" = 1'-0"

SHEET NO
236

DATE
06-27-2017

SCALE
1" = 1'-0"

S62.01

WOOD BEARING WALL SCHEDULE

MARK	WALL FRAMING				WALL ANCHORAGE	REMARKS
	STUDS	SPACING	BOTTOM PLATE	TOP PLATE		
WBK-1	2x4	4' O.C.	2x4	2x4	NOTE 3	?
WBK-2	2x4	12' O.C.	2x4	2x4	NOTE 3	
WBK-3	2x6	16' O.C.	2x6	2x6	NOTE 3	
WBK-4	2x4	16' O.C.	2x4	2x4		

NOTES:
1. WHERE STUD MUST BE CUT DUE TO THE PLACEMENT OF ANCHOR BOLTS OR OTHER PRODUCTS, AN ADDITIONAL STUD SHALL BE INSERTED ALONG SIDE
2. ALL ANCHOR BOLTS FOR BOTTOM PLATE ANCHORAGE INTO CONCRETE OR MASONRY SHALL HAVE 8" MIN EMBEDMENT, TYPICAL UNO
3. SEE DETAIL FOR WALL ANCHORAGE CONNECTIONS

WOOD BEAM SCHEDULE

MARK	SIZE	REMARKS
WB-1	1.0x11.7x8 LSL	?
WB-2	2.1.0x11.7x8 LSL	
WB-3	3.1.0x11.7x8 LSL	
WB-4	4.1.0x11.7x8 LSL	
WB-5	3.1/2x18 GLB	
WB-6	5.1/2x12 GLB	
WB-7	5.1/2x15 GLB	
WB-8	5.1/2x18 GLB	
WB-9	8.3x15 GLB	
WB-10	8.3x18 GLB	
WB-11	8.3x18 GLB	
WB-12	8.3x24 GLB	

NOTES:
1. SEE DETAIL FOR TYPICAL MULTIPLE MEMBER BEAM CONNECTIONS

SNOW DRIFT SCHEDULE

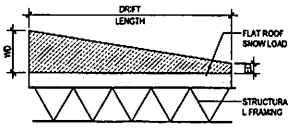
MARK	DRIFT LENGTH	WD (PSF)	ED (PSF)
SND-1	16' - 0"	131	0
SND-2	14' - 3"	107	0
SND-3	14' - 10"	111	0
SND-4	9' - 8"	73	32
SND-5	7' - 6"	131	102
SND-6	12' - 0"	107	17
SND-7	16' - 6"	131	83
SND-8	16' - 0"	120	0
SND-9	10' - 6"	120	43
SND-10	14' - 1"	126	0
SND-11	18' - 5"	133	0
SND-12	14' - 5"	108	0
SND-13	30' - 4"	227	0
SND-14	19' - 10"	148	0
SND-15	17' - 0"	88	0

NOTES:
1. DRIFT LOADS SHALL BE IN ADDITION TO ALL LOADS INDICATED ON PLANS.

WOOD DIAPHRAGM SCHEDULE

LEVEL	WOOD SHEATHING THICKNESS	WOOD SHEATHING EDGES	COMMON NAIL SPACING		
			A	B	C
WD-1	1.1/8	UNBLOCKED	6" O.C.	12" O.C.	12" O.C.
WD-2	1.1/8	BLOCKED	6" O.C.	6" O.C.	12" O.C.
WD-3	1.1/8	BLOCKED	4" O.C.	4" O.C.	12" O.C.

NOTES:
1. COMMON NAIL SPACING CRITERIA:
A. MAX. SPACING AT DIAPHRAGM BOUNDARIES AND SUPPORTING MEMBERS
B. ALL OTHER WOOD SHEATHING PANEL EDGES
C. INTERMEDIATE WOOD SHEATHING PANEL SUPPORTS (ON FIELD MAILING)
D. ALL SHEATHING SHALL BE A P.A. RATED EXPOSURE 1



02/27/2017 3:43:11 PM

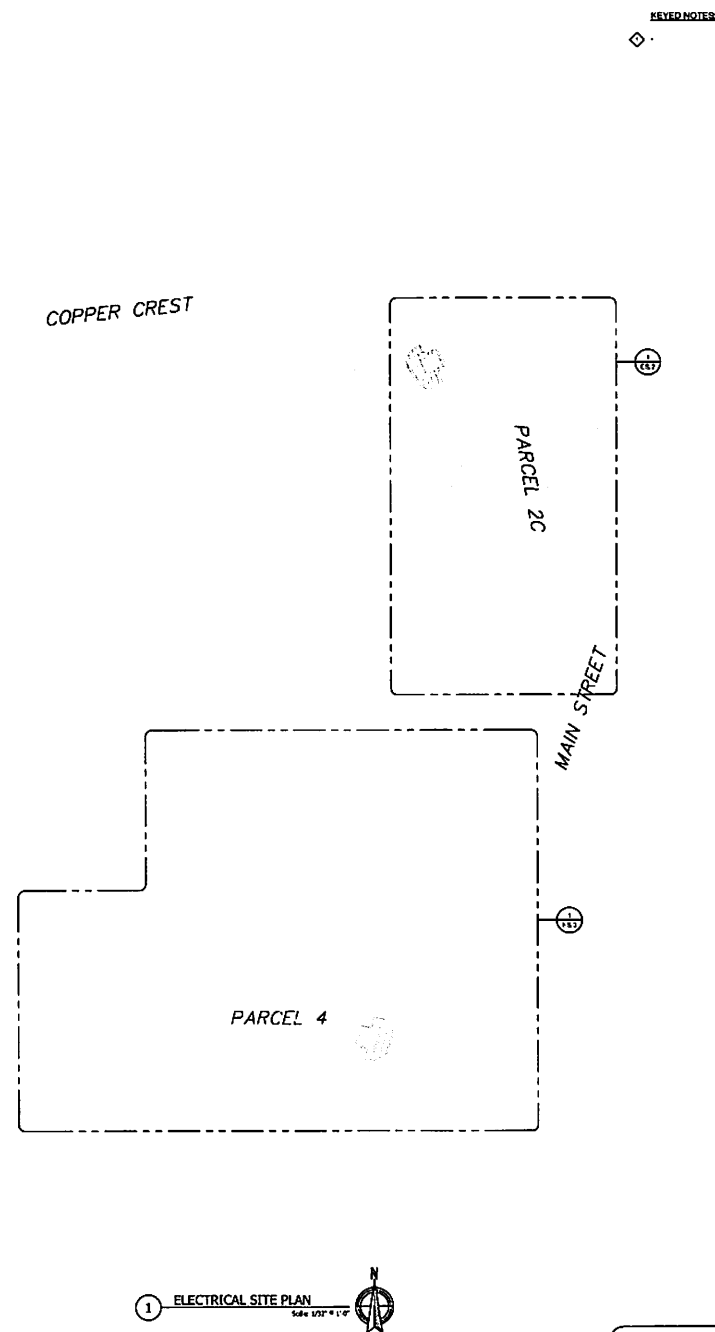
AAA: IF THIS SHEET IS NOT 36" x 42" IT IS A REDUCED PRINT

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
ABBREV.	DESCRIPTION
A	AMP OR AMPS
AC	ACROSS COUNTER
ADA	AMERICAN WITH DISABILITIES ACT
AF	ARMS IN B B O FLOOR
AFU	AUTOMATIC FIRE ALARM DETECTION
AC	AMPLIFIER INPUT SIGNAL CAPACITY
AL	ALUMINUM
C	CONDUIT
CB	CIRCUIT BREAKER
CHT	CIRCUIT
CU	COPPER
EM	EMERGENCY
EMT	ELECTRIC METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EWG	ELECTRIC WATER COOLER
E.L.X	EMERGENCY
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FM	FLEXIBLE METAL CONDUIT
GFD	GROUND FAULT INTERRUPTER
GND	GROUND CONDUCTOR
HP	HORSE POWER
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INS	INSULATED
ISO	ISOLATED
KVA	KILO-VOLT AMPERES
KW	KILOWATT

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
ABBREV.	DESCRIPTION
LSD	LIGHT ENLARGEMENT
LMC	LIQUID-BODY METAL CONDUIT
LMHC	LIQUID-BODY METAL CONDUIT
MCA	MINIMUM CIRCUIT AMPS
MCB	MINI CIRCULAR BREAKER
MCC	MOTOR CONTROL CENTER
MLO	METALS ONLY
M.C.	NOT IN CONTRACT
M	NOT BUILT
NEC	NATIONAL ELECTRIC CODE
NEHA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
O.C.	ON CENTER(S)
OCP	OVER CURRENT PROTECTION
REQ	REQUIREMENTS
RM	RIBBON METAL CONDUIT
RMP	ROCKY MOUNTAIN POWER
RMC	RIBBON METAL CONDUIT
SFD	SURFACE MOUNTED CIRCUIT BREAKER
SD	SURGE SUPPRESSION
ST	START TRIP
TR	TAMPER RESISTANT
TV	TYRICAL
TTB	TELEPHONE TERMINAL BOARD
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPERE
WP	WEATHERPROOF
XTB	TRANSFORMER

POWER SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	SIMPLEX RECEPTACLE
	300WATT OVER RECEPTACLE
	THREE-PRONG RECEPTACLE
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - GFI
	DROP DUPLEX RECEPTACLE - GFI
	PANEL-BUS INLET DUPLEX RECEPTACLE
	FLOOR BOX OUTLET WITH DUPLEX 120V RECEPTACLE
	FLOOR BOX OUTLET WITH DUPLEX 120V RECEPTACLE AND VOLTAGE OUTLET
	FOURPLEX RECEPTACLE
	FOURPLEX RECEPTACLE - GFI
	DROP FOURPLEX RECEPTACLE - GFI
	SPECIAL PURPOSE RECEPTACLE - THREE PHASE
	SPECIAL PURPOSE RECEPTACLE - SINGLE PHASE
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	COMBINATION STARTER/FUSED DISCONNECT SWITCH
	STARTER
	ELECTRICAL PANEL
	TELEPHONE TERMINAL BOARD
	GROUND BUS BAR
	THERMAL SWITCH
	ELECTRIC MOTOR
	JUNCTION BOX
	METER
	VARIABLE FREQUENCY DRIVE
	TV OUTLET (INCLUDES COAX & PHONE JACKS & GROUND)
	POWER COMMUNICATION POLE FOR HOME STATION FURNITURE
	VOICE RECEPTACLE
	DATA RECEPTACLE
	COMBINATION VOICE/DATA RECEPTACLE
	SECURITY CAMERA (TYPES INDICATE TYPE OF CAMERA)
	CARD READER
	SECURITY SYSTEM KEYPAD
	HOME RUN TO PANEL BOARD

CALLOUTS/NOTES LEGEND	
SYMBOL	DESCRIPTION
	MECHANICAL EQUIPMENT CALLOUT
	REVISION CALLOUT
	JOINT FIXTURE CALLOUT
	OWNER PROVIDED EQUIPMENT CALLOUT
	KEYED NOTE
	WIRE CONDUIT - ALUMINUM
	WIRE CONDUIT - COPPER
	DETAIL CALLOUT
	ELEVATION CALLOUT



KEYED NOTES



POWDER MOUNTAIN
8560 EAST SPRING PARK
EDEN, UT 84310

SHEET TITLE		
ELECTRICAL SITE PLAN		
REV.	DESCRIPTION	DATE

JOB NO.
DATE: 6/28/2017
SCALE: 1/32" = 1'-0"
SHEET NO. ES.1



NOTICE: THE DESIGN SHOWN AND DESCRIBED HEREIN INCLUDING ALL TECHNICAL DRAWINGS, GRAPHICS AND MODELS THEREIN ARE PROPRIETARY AND CANNOT BE COPIED, DUPLICATED OR COMMERCIALY EXPLOITED IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF HUNT ELECTRIC. AVAILABLE FOR LIMITED REVIEW AND EVALUATION BY CLIENTS, CONSULTANTS, CONTRACTORS, GOVERNMENT AGENCIES, VENDORS AND OFFICE PERSONNEL ONLY IN ACCORDANCE WITH THIS NOTICE.
MAXIMUM SHEET SIZE: 36" x 48" IF IT IS A REDUCED PRINT

KEYED NOTES

◇ STRUCTURAL BLOCK OUTLET OR METAL SERVICE ENTRANCE CLEAR EXACT BLOCK OUT DIMENSIONS TO BE DETERMINED AFTER FINAL CLEAR ELECTRICAL.

◇ SEE FOR FILL 2 ON SHEET 1 & 2 FOR DIMENSIONS TO BE MARKED AT EACH ENTRANCE CLEAR.

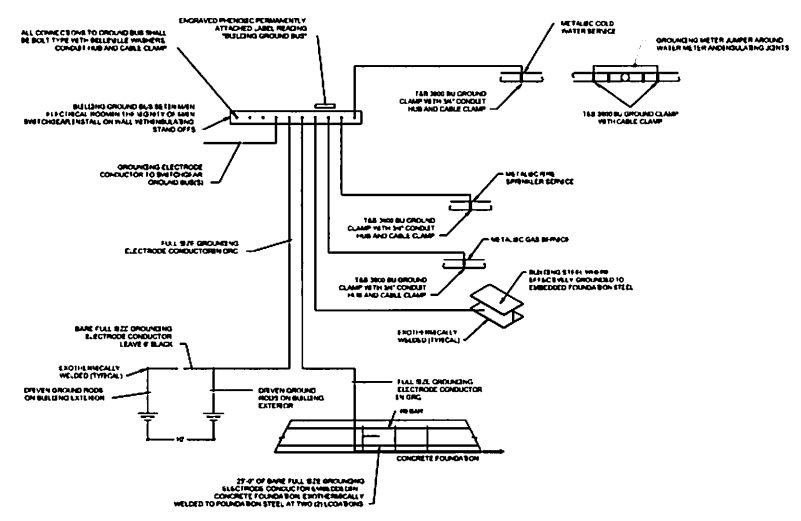
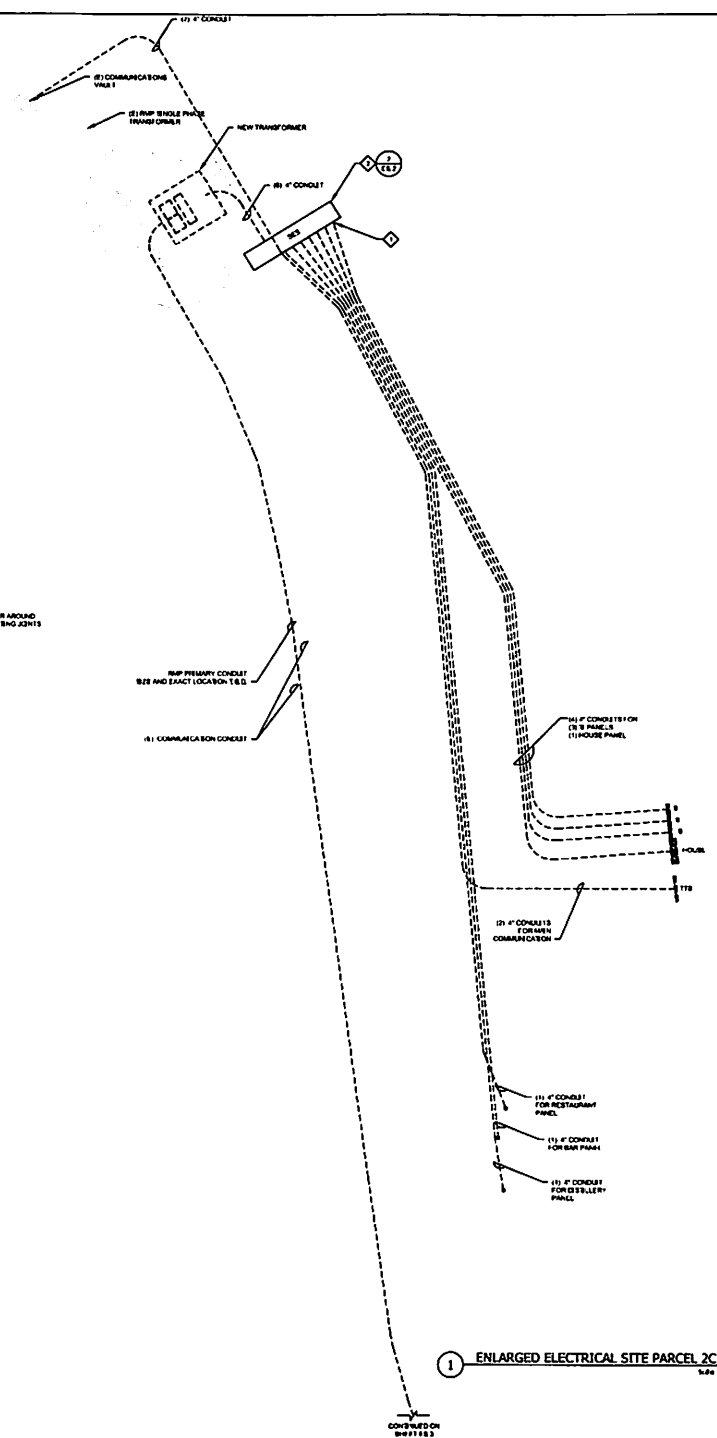


POWDER MOUNTAIN
8569 EAST SPRING PARK
EDEN, UT 84310

SHEET TITLE
ENLARGED ELECTRICAL SITE PARCEL 2C PLAN

No.	Description	Date
1	PRELIMINARY ELECTRICAL PARCEL PLAN	07/17/17

DATE: **6/28/2017**
SCALE: **1/8" = 1'-0"**
SHEET NO: **ES.2**



NOTES

1. WHEN AVAILABLE CONTRACTOR SHALL PROVIDE ALL GROUNDING INFORMATION. CONTRACTOR SHALL REFER TO ELECTRICAL SINGLE LINE DIAGRAM FOR GROUNDING ELECTRODE CONDUCTOR SIZE. CONTRACTOR SHALL REFER TO ELECTRICAL SPECIFICATIONS FOR SPECIES OF GROUNDING BUS, METALS, ETC. AND MATERIALS.

2 SERVICE ENTRANCE SWITCHBOARD TYPICAL GROUNDING DETAIL
SCALE: NONE

1 ENLARGED ELECTRICAL SITE PARCEL 2C PLAN
SCALE: 1/8" = 1'-0"

HUNT
DESIGN-BUILD SERVICES
1000 W. READERBORN BLVD.
SALT LAKE CITY, UTAH 84119
801-475-2644 FAX 801-475-0200

NOTICE: THE DESIGN SHOWN AND DESCRIBED HEREIN INCLUDING ALL TECHNICAL DRAWINGS, GRAPHICS AND MODELS THEREIN ARE PROPRIETARY AND CANNOT BE COPIED, DUPLICATED OR COMMERCIALY EXPLOITED IN WHOLE OR PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF HUNT ELECTRIC INC. AVAILABLE FOR LIMITED REVIEW AND EVALUATION BY CLIENTS, CONSULTANTS, CONTRACTORS, GOVERNMENT AGENCIES, VENDORS AND OFFICE PERSONNEL ONLY IN ACCORDANCE WITH THIS NOTICE.