ADDENDUM NUMBER #5
REVISED CHANGES TO RFQP AND PROJECT SCHEDULE & INQUIRIES/QUESTIONS
Issued March 14, 2024

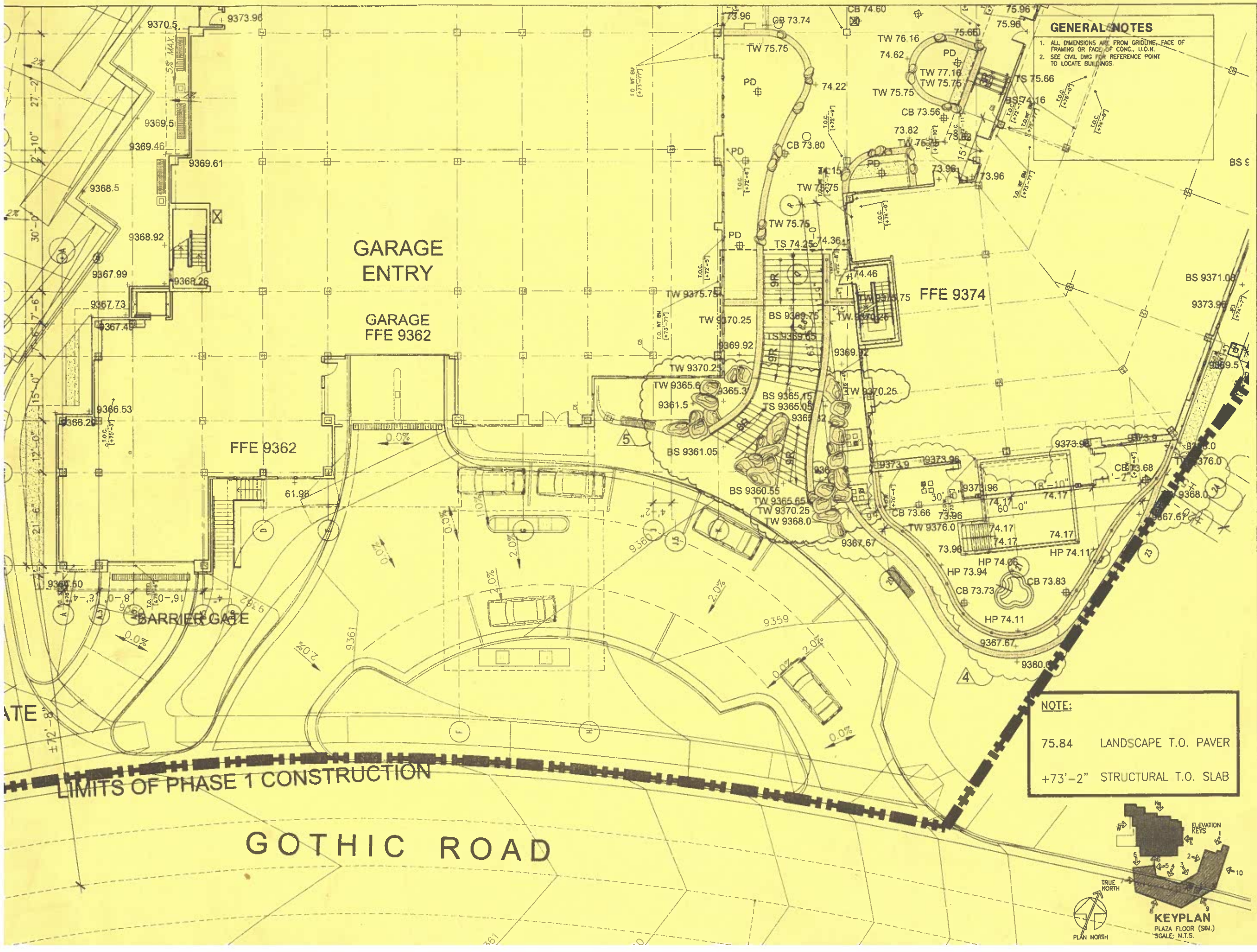
Final construction building plan documents (35 drawing sheets of a larger drawing set) have been provided to the Town for the Lodge at Mountaineer Square (LMS), including the Town Transit Center and building areas associated with the installation of the CNL facility and proposed fiber/utility routes:

These drawing and the information contained within shall be incorporated in and shall become an integral part of the RFQP documents. All other aspects of the RFPQ document remain the same.

All RFQP inquiries and questions shall be sent directly to the Town (not Corey Bryndal at Region 10):

Jeffrey Smith, Capital Projects Manager
Town of Mt. Crested Butte
Email: jsmith@mtcb.colorado.gov
Office: (970) 349-6632, Ext 108 | Mobile: (970) 596-5263

** End of RFQP Addendum #5 **



BSA ARCHITECTS
A California Corporation
501 Folsom Street, Fourth Floor
San Francisco, CA 94105
415-281-4720

CRESTED BUTTE MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

STATE OF COLORADO
JOHN S. ASHWORTH
400262
REN. 7-31-07
LICENSED ARCHITECT

DATE: JUNE 1, 2005

REVISIONS:
1. BSA ADDENDUM #2 6/20/05
2. BSA ADDENDUM #3 7/15/05
3. BSA ADDENDUM #10 11/15/05
4. 5. BSA ADDENDUM #13 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
SITE COMPOSITE PLAN FOR PAVER+SLAB ELEVATION

DRAWN BY: BJ/WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A1.01A

LANDSCAPE T.O. PAVER

STRUCTURAL T.O. SLAB

EMMONS ROAD

ENDS OF PHASE 1 CONSTRUCTION

PUD BOUNDARY

SIDE WALK

FFE 9376

FFE 9374

FFE 9376

FIREPIT

PLAZA FLOOR (SIM.)

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM GRIDLINE, FACE OF FRAMING OR FACE OF CONC., U.O.N.
2. SEE CIVIL DWG FOR REFERENCE POINT TO LOCATE BUILDINGS.

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FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

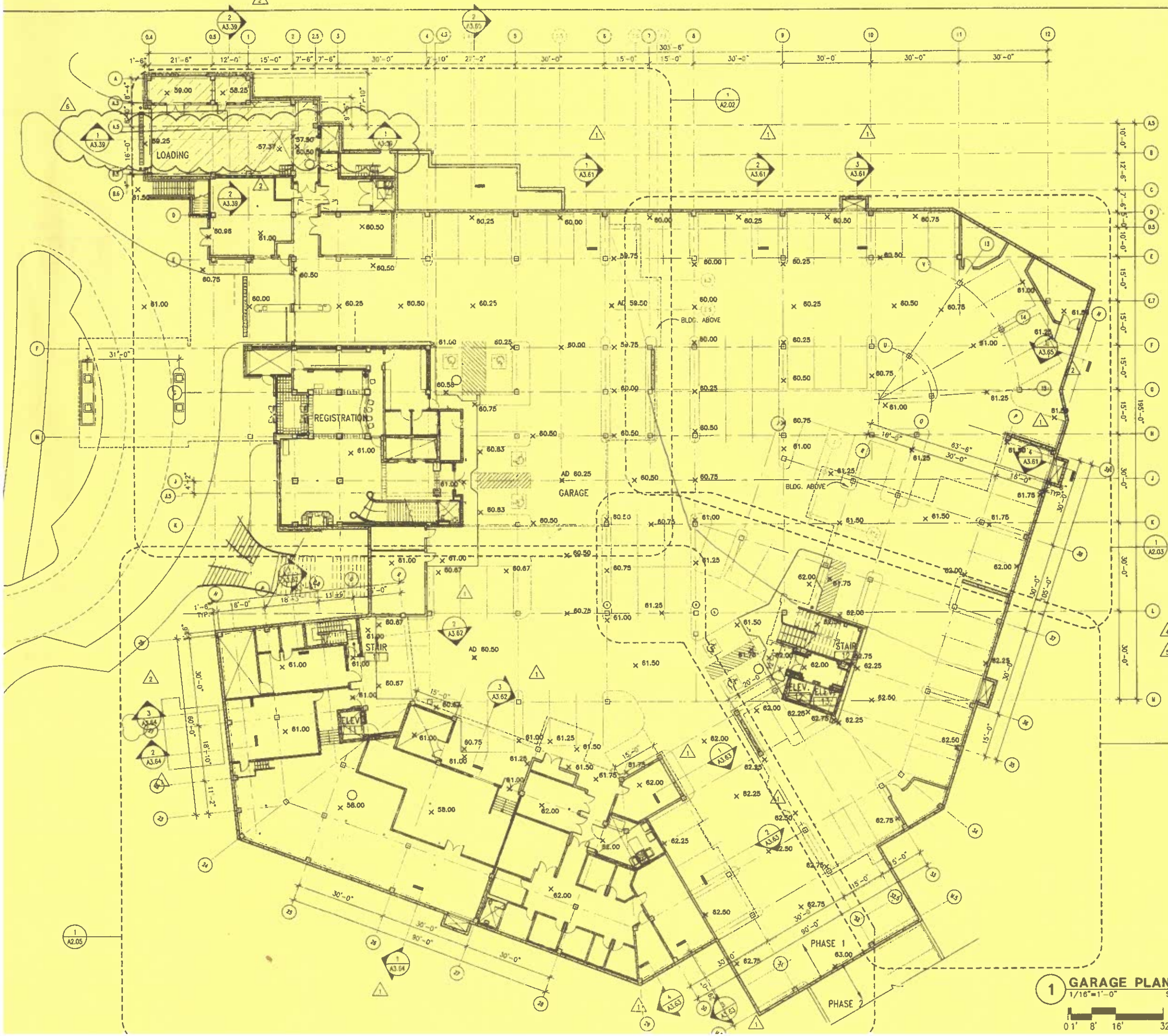
SHEET TITLE:

SITE COMPOSITE PLAN FOR PAVER+SLAB ELEVATION

DRAWN BY: BJ/WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A1.01B

KEYPLAN
PLAZA FLOOR (SIM.)
SCALE: N.T.S.



PLAN LEGEND

- UNIT — ROOM NAME
- 100 — ROOM NUMBER
- INTERNATIONAL SYMBOL OF ACCESSIBILITY @ DESIGNATED PARKING SPACES
- 1 A-H — PARTITION TYPES – SEE A9.1
- 100 — DOOR NUMBER – SEE SCHEDULE: A11.1, A11.2
- 100 — WINDOW NUMBER–SEE SCHEDULE: A11.11, A11.12
- 100 — LOUVER NUMBER – SCHEDULE T.B.D. (4)
- 100 — TOILET ACCESSORY SYMBOL –SCHED. T.B.D.
- 100 — EQUIPMENT SYMBOL –SCHED. T.B.D.
- CPT — FLOOR FINISH, SEE 1.0. DRAWINGS
- C.I.P. PARTITION – SSD (4)
- CMU WALL
- 1 HR. RATED WALL ASSEMBLY – TYP. ALL CORRIDOR WALLS AND PARTY WALLS BTW UNITS, SEE A9.1 FOR DETAILS
- 2 HR. RATED WALL ASSEMBLY – TYP. ALL SHAFT WALLS, ELEVATOR LOBBIES AND STAIR ENCLOSURES, SEE A9.1 FOR DETAILS
- 3 HR. RATED WALL ASSEMBLY – TYP. BTW. GARAGE & ST CHECK-IN LOBBY, MECH & TRASH ROOM
- 6" HIGH CONC. CURB, WITH WALL ASSEMBLY ABOVE
- F.E.C. FIRE EXTINGUISHER CABINET, DIMENSIONED TO CENTERLINE.
- RD/DS ROOF DRAIN OR DECK DRAIN PROVIDE FOR HEAT IN ALL DRAINS & LEADERS
- 3 HOUR HORIZONTAL SEPARATION

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM GRIDLINE, FACE OF FRAMING OR FACE OF CONC., U.O.N.
2. SEE SHEET A9.1–A9.4 FOR PARTITION TYPES AND DETAILS.
3. SEE SHEET A11.1, A11.2, A11.11 & A11.12 FOR DOOR & WINDOW TYPES & SCHEDULES.
4. SEE ENLARGED PLANS SHEETS A4.11–A4.32 FOR ADDITIONAL DIMENSIONS, PARTITION TYPE SYMBOLS AND DOOR & WINDOW KEYS
5. FOR ALL UNIT RESTROOMS PROVIDE BLOCKING AT ALL TOILETS, BATHTUBS AND SHOWERS TYPICAL.
6. WHERE CALLOUT DETAIL OR BUBBLE INDICATES A PORTION OF PLAN OR DETAIL TO BE ENLARGED ON SHEET, DOOR & WINDOW IDENTIFICATION SYMBOLS, CALLOUTS AND ROOM NAMES WILL BE INDICATED ON THE ENLARGED DETAIL.
7. PROVIDE STAIRWAY IDENTIFICATION SIGNAGE FOR STAIRS 3, 4, 11, & 13. SEE DETL 13/A9.41 & 5/A9.41 FOR MOUNTING LOCATION.
8. S.I.D.D. FOR FLOOR FINISH, PATTERN AND EXTENT, TYP.
9. SEE SHEET A8.11–A8.13 FOR EXTERIOR WALL ASSEMBLY
10. AT EXTERIOR STAIRS THE UPPER APPROACH AND EACH STAIR TREAD IS TO BE MARKED WITH A STRIP OF CONTRASTING COLORED MATERIAL 2" WIDE AND 1" MAXIMUM FROM THE NOSING OR LANDING.
11. AT INTERIOR STAIRS THE UPPER APPROACH AND THE LOWER TREAD IS TO BE MARKED WITH A STRIP OF CONTRASTING COLORED MATERIAL 2" WIDE AND 1" MAXIMUM FROM THE NOSING OR LANDING.
12. SEE A9.06 & A9.07 FOR FLOOR FINISH TRANSITIONS.

1 GARAGE PLAN

1/16"=1'-0" S-PLANO, PLANO-GRID

0 1' 8' 16' 32'

TRUE NORTH

PLAN NORTH

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CRESTED BUTTE MOUNTAIN RESORT COLORADO

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5. BSA ADDENDUM #12 12/15/05
6. BSA ADDENDUM #13 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

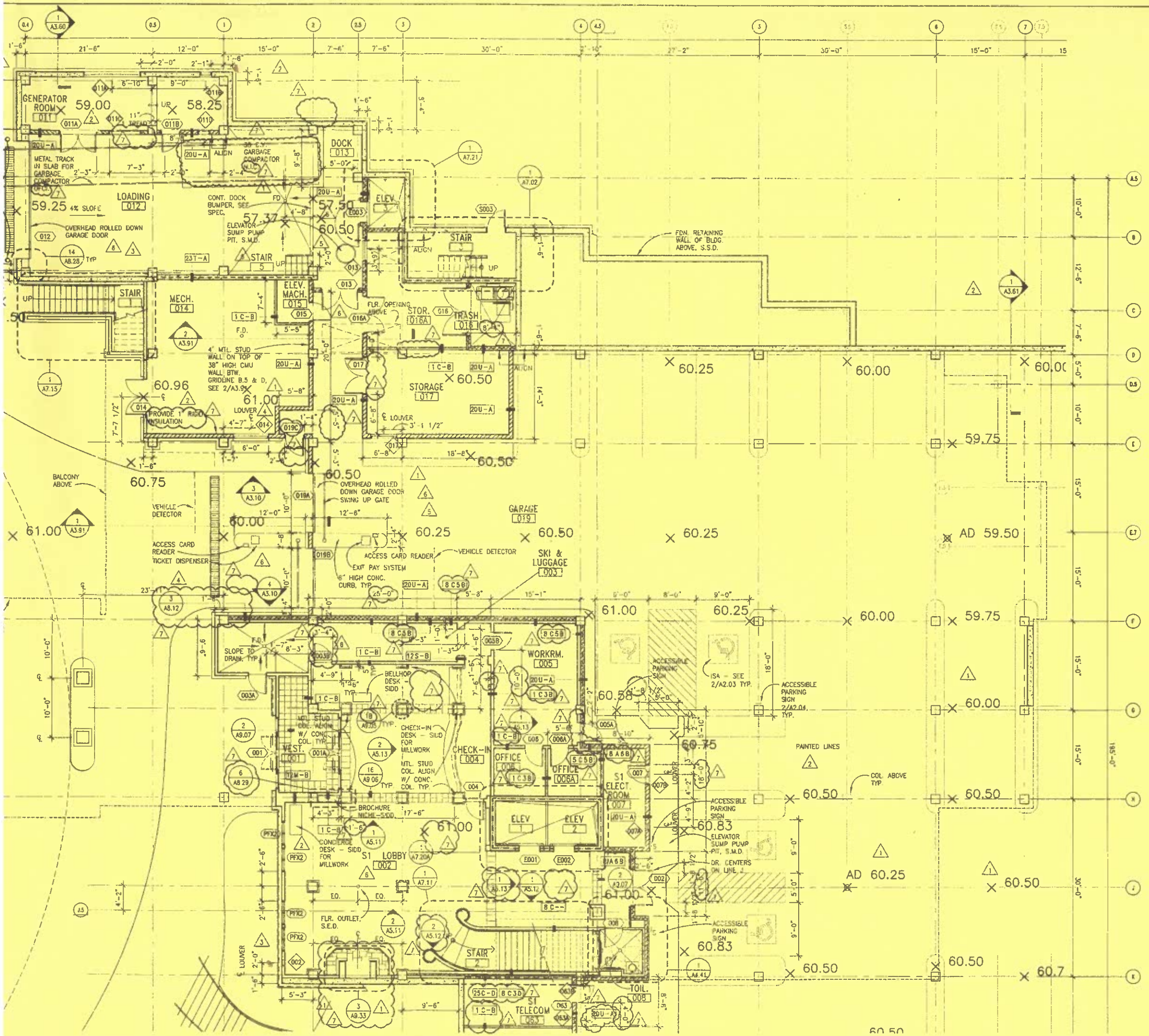
SHEET TITLE:
GARAGE PLAN

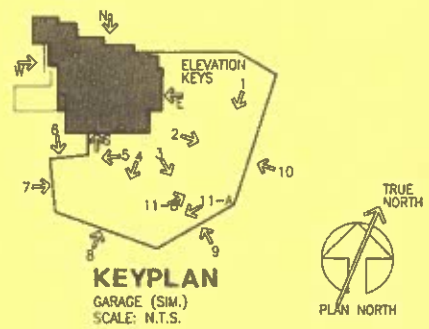
DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET A2.01

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.

△5





KEYPLAN
GARAGE (SIM.)
SCALE: N.T.S.

1 PARTIAL GARAGE PLAN
1/8"=1'-0" S-PLANO

0 1' 4' 8' 16' 24'

△6

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- △7 BSA ADDENDUM #13 1/23/06

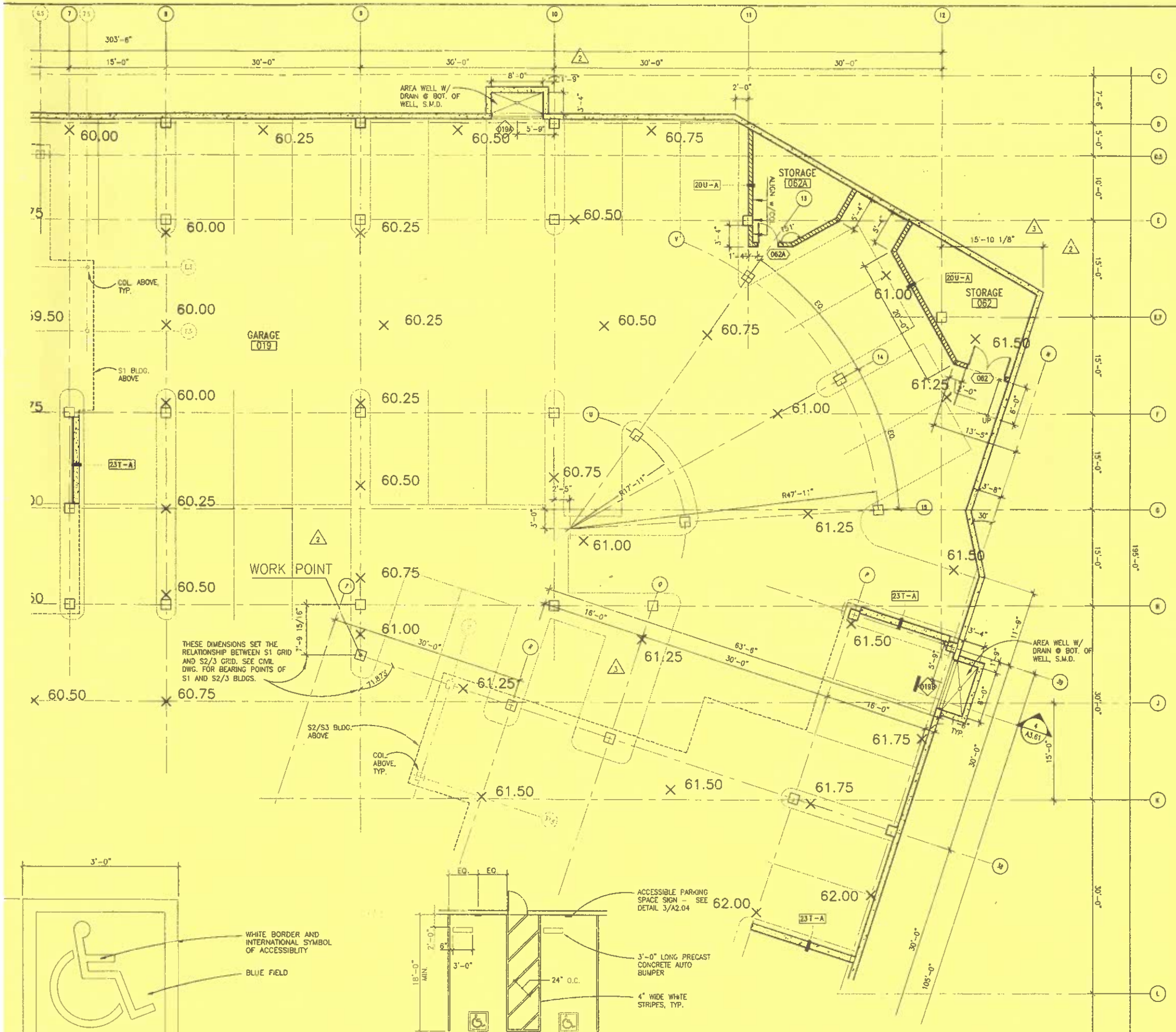
FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PARTIAL GARAGE PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

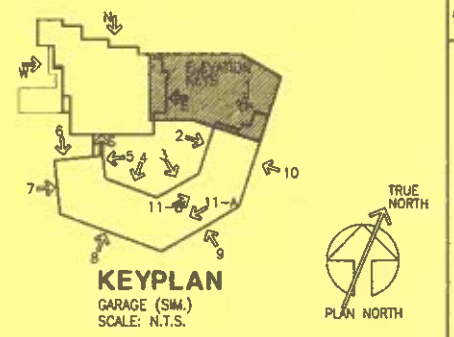
SHEET A2.02

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.



ACCESSIBLE PARKING SPACE SYMBOL
SCALE: 1"=1'-0"
PARKSYMB

1 ACCESSIBLE PARKING SPACES
SCALE: 1/8"=1'-0"
PARKSPC



KEYPLAN
GARAGE (SIM.)
SCALE: N.T.S.

1 PARTIAL GARAGE PLAN
1/8"=1'-0" S-PLANO
0 1' 4' 8' 16' 24'

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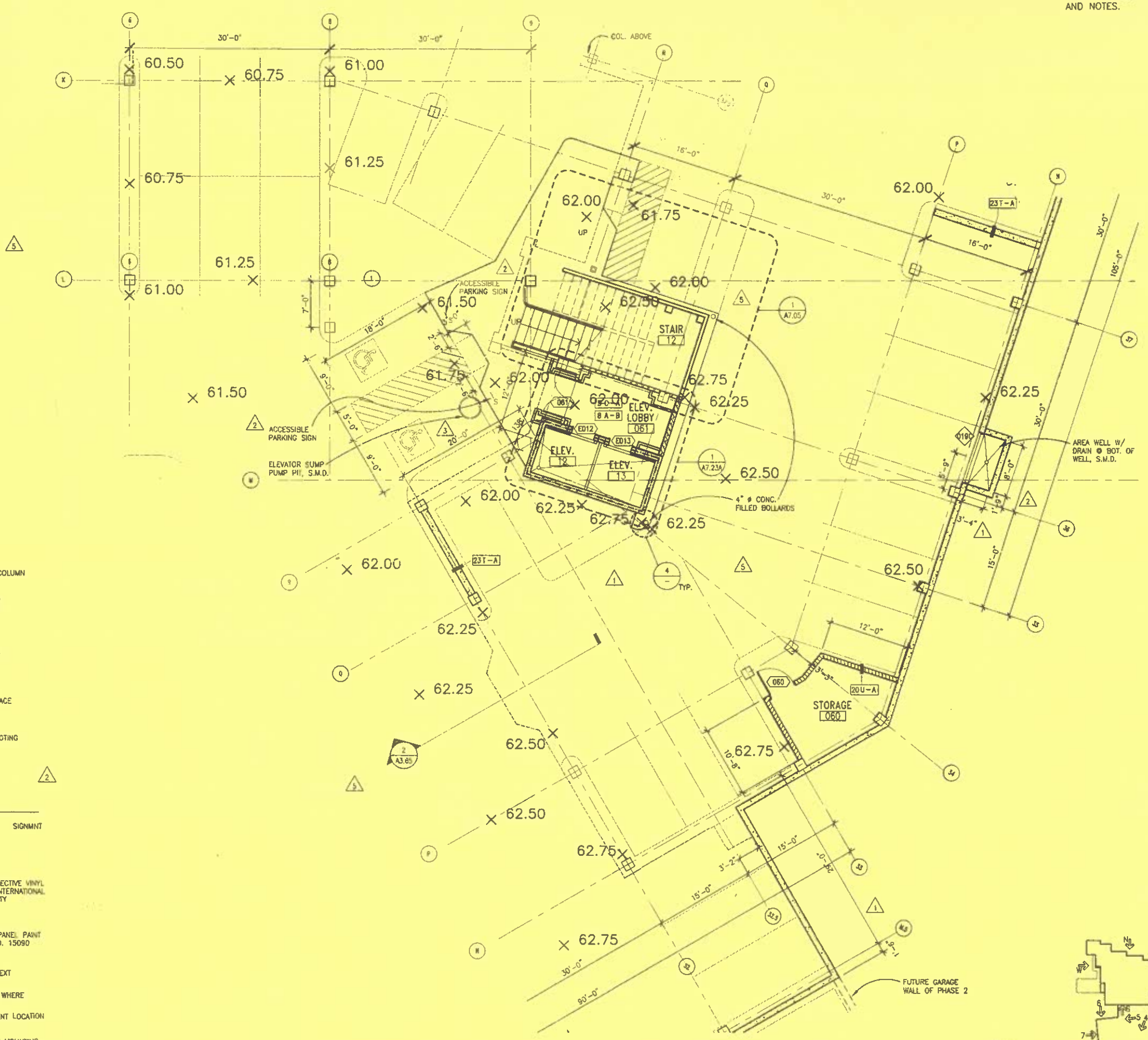
FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

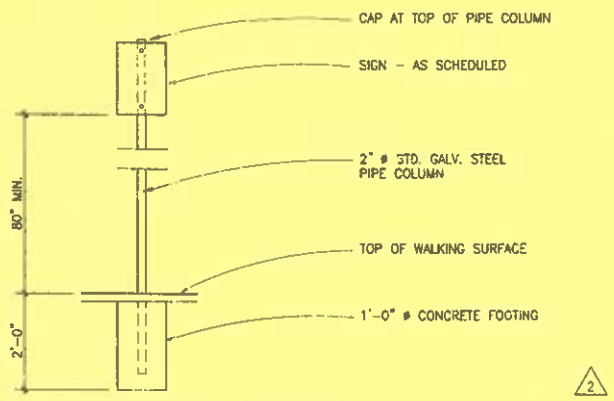
SHEET TITLE:
PARTIAL GARAGE PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

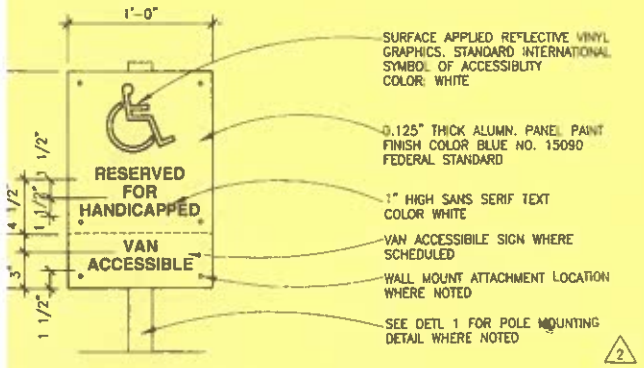
SHEET A2.03

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.





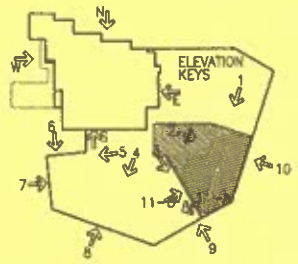
POLE MOUNTING DETAIL
SCALE: 1/2"=1'-0"
SIGNMNT



ACCESSIBLE PARKING SIGN
SCALE: 1-1/2"=1'-0"
SPRKSTLA

1 PARTIAL GARAGE PLAN
1/8"=1'-0"
S-PLANO

0 1' 4' 8' 16' 24'



GARAGE (SIM.)
SCALE: N.T.S.
KEYPLAN

TRUE NORTH
PLAN NORTH

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CRESTED BUTTE MOUNTAIN RESORT COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
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STATE OF COLORADO
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FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PARTIAL GARAGE PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A2.04

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.

POOL MECH ROOM 040A
CHEM. ROOM 040B
CHEM. ROOM 040C
STAIR 11
STOR. ROOM 040
ELECT. ROOM 041
STAIR 14
STAIR 16
ELEVATOR SUMP PUMP P.IT. S.M.D.
BOILER ROOM 042
ALL MECH @ P THIS AREA 6297 s.f.
STOR. 064
611 s.f.
FIRE PUMP 044
MECH ROOM 043
REF 1/M 5.6 FOR 2HR RATED DAMPER
LOUVER SIZE/ SCHEDULE
STAIR 15
FUTURE CHILLER 045
ELEC. 065
S2/3 TELECOM 046
329 s.f.
TRASH 047
STOR. 049
OFFICE 050
LOCKER 051
RESTRM. 051A
OFFICE 052
OFFICE 053
STORAGE 054
OFFICE 055
STOR. 056
COMPUTER ROOM 057
OFFICE 058
OFFICE 059
COMMUNICATION CENTER 048
43 s.f.
AREA WELL W/ DRAIN @ BOT. OF WELL. S.M.D.
GARAGE 019
AD 60.50
SPA ABOVE
POOL ABOVE

KEYPLAN
GARAGE (SIM.)
SCALE: N.T.S.

1 PARTIAL GARAGE PLAN
1/8"=1'-0" S-PLANO

PLAN NORTH

PHASE 1
PHASE 2

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SHEET TITLE:
PARTIAL GARAGE PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET A2.05

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.

DIMENSIONS FOR THE EXTERIOR FACE OF STUD ALIGNS WITH THE EXTERIOR EDGE OF SLAB. IT IS THE CONTRACTORS OPTION TO RELOCATE THE FACE OF STUD TO BE 1" BEYOND THE EDGE OF SLAB, E.G. 1'-6" FROM GRID LINE CAN BE REVISED TO BE 1'-7" F.O.S., ETC.

KEYPLAN
PLAZA (SIM.)
SCALE: N.T.S.

1 S1 PLAZA FLOOR PLAN
1/8"=1'-0" S1-PLAN1

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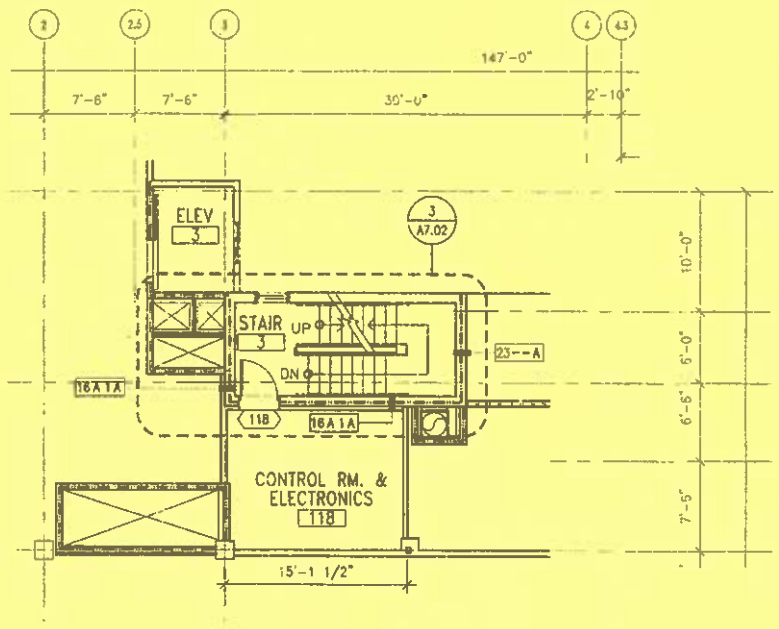
FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S1 PLAZA FLOOR PLAN

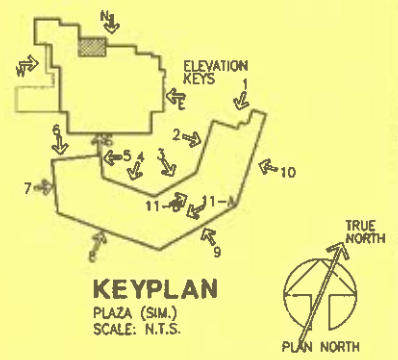
DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A2.11

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.



1 **S1 MEZZANINE FLOOR PLAN**
1/8"=1'-0" S1-PLAN1-MEZZANINE



KEYPLAN
PLAZA (SIM.)
SCALE: N.T.S.

0 1' 4' 8' 16' 24'

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COLORADO

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LICENSED ARCHITECT

DATE: NOVEMBER 15, 2005

REVISIONS:
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2 BSA ADDENDUM #12 12/15/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S1 PLAZA FLOOR PLAN MEZZANINE

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A2.11A

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.

147'-0"

WOOD SCREEN - 1X4 WD. PANELS ON 2X4 TRACKS

CANOPY

SNOW GUARD

2% SLOPE TO DRAIN

S1-C1 203 H.C. ACCESSIBLE UNIT

STOR. 232

TRASH 233

STAIR 3 UP 231-A DN 203 DN 231-A

S1-G 202A

S1-G 202

S1-A2 204 EMPLOYEE UNIT

S1-D1 205

S1-B 206

1/4"-12" SLOPE

SEE NOTE FOR DECK AT 1/A3.92. SIM.

STAIR 4 UP 204 DN

S1-H 207A

BALCONY BELOW

CORR. 231

LINEN 234

S1-D2 208 EMPLOYEE UNIT

S1-H 207

SLOPE

ROOF BELOW

S1-F 201

S1-F 201A

S1-A1 209 EMPLOYEE UNIT

ELEV

S1 LOBBY 230

WOOD SCREEN - 1X6 W/ PANELS ON 2X4 TRACKS

BRIDGE 260

NOTE: SEE A3.98 & A3.99 FOR BRIDGE DETAILS

DIMENSIONS FOR THE EXTERIOR FACE OF STUD ALIGNS WITH THE EXTERIOR EDGE OF SLAB. IT IS THE CONTRACTORS OPTION TO RELOCATE THE FACE OF STUD TO BE 1" BEYOND THE EDGE OF SLAB, E.G. 1'-6" FROM GRID LINE CAN BE REVISED TO BE 1'-7" F.O.S., ETC.

ELEVATION KEYS

KEYPLAN
SECOND FLOOR (SIM.)
SCALE: N.T.S.

TRUE NORTH

PLAN NORTH

1 S1 2ND FLOOR PLAN
1/8"=1'-0"
S1-PLAN2

0 1' 4' 8' 16' 24'

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SHEET TITLE:
BUILDING S1
2ND
FLOOR PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A2.12

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES.

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1 S2/S3 PLAZA FLOOR PLAN
1/8"=1'-0"
S2-PLAN1

0 1' 4' 8' 16' 24'

TRUE NORTH
PLAN NORTH

KEYPLAN
PLAZA FLOOR (SIM.)
SCALE: N.T.S.

ELEVATION KEYS

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SHEET TITLE:
BUILDING S2/S3 PLAZA FLOOR PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: C414.30

SHEET
A2.21A

SEE A2.01 FOR TYP. PLAN LEGEND AND NOTES. △4

GENERAL NOTES

1. FOOD 169, BANK 171, TRANSIT CENTER 172, VESTIBULE 172A:
   PROVIDE EXTERIOR WALL ASSEMBLIES W/ ALL MATERIALS AND SYSTEMS INDICATED EXCEPT 5/8" TYPE "X" GYP. BD. ON INTERIOR FACE OF METAL STUDS.
2. BANK 171:
   PROVIDE 6" METAL STUD FRAMING @ 16" O.C. W/ 5/8" TYPE "X" GYP. BD. ON ADJACENT SPACE SIDE OF WALL AT PARTY WALLS WITH FOOD 169, VESTIBULE 172A, OFFICE 173, LOCKER 181, HALL 175.
3. FOOD 169, TRANSIT CENTER 172, VESTIBULE 172A, OFFICE 173, HALL 175, LOCKER 181:
   PROVIDE 6" METAL STUD FRAMING @ 16" O.C. ONLY AT WALLS SEPARATING THESE SPACES. DOORS & FRAMES CONNECTING THESE SPACES ARE N.I.C.
4. WINDOWS INDICATED BETWEEN OFFICE 173 & TRANSIT CENTER 172 ARE N.I.C.
5. FOOD 169, BANK 171, TRANSIT CENTER 172, OFFICE 173, HALL 175, LOCKER 181:
   EXPOSED STRUCTURAL CEILING AND EXPOSED CONCRETE FLOORS. PROVIDE TEMPORARY LIGHTING, S.E.D. & S.M.O. FOR HVAC & PLUMBING. △5

DIMENSIONS FOR THE EXTERIOR FACE OF STUD ALIGNS WITH THE EXTERIOR EDGE OF SLAB. IT IS THE CONTRACTORS OPTION TO RELOCATE THE FACE OF STUD TO BE 1" BEYOND THE EDGE OF SLAB, E.G. 1'-6" FROM GRID LINE CAN BE REVISED TO BE 1'-7" F.O.S., ETC. △6

1 S2/S3 PLAZA FLOOR PLAN
1/8"=1'-0" S2-PLAN1
0 1' 4' 8' 16' 24'

TRUE NORTH
PLAN NORTH

KEYPLAN
PLAZA FLOOR (SIM.)
SCALE: N.T.S

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415-281 4720

CRESTED BUTTE MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

STATE OF COLORADO
JOHN S. ASHWORTH
400282
REG. 7-31-07
LICENSED ARCHITECT

DATE: JUNE 1, 2005

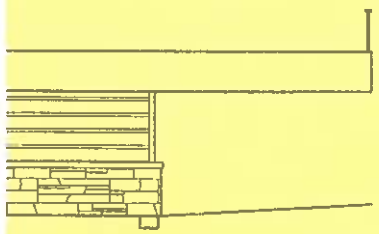
REVISIONS:
- △1 BSA ADDENDUM #2 6/20/05
- △2 BSA ADDENDUM #3 7/15/05
- △3 BSA ADDENDUM #8 9/7/05
- △4 BSA ADDENDUM #10 11/15/05
- △5 BSA ADDENDUM #12 12/15/05
- △6 BSA ADDENDUM #13 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

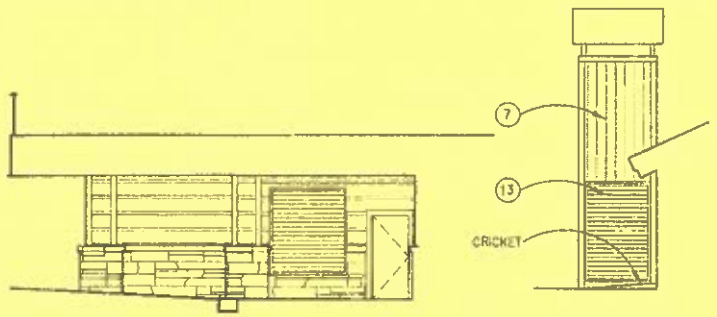
SHEET TITLE:
BUILDING S2/S3 PLAZA FLOOR PLAN

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET A2.21B



S1 PARTIAL ENTRY EL.
1/8"=1'-0" S1-ELEV



3 S1 PARTIAL ENTRY EL.
1/8"=1'-0" S1-ELEV

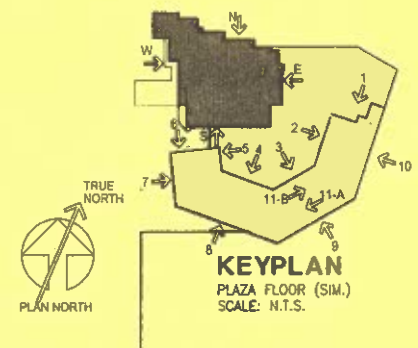
2 S1 PARTIAL CHIMNEY EL.
1/8"=1'-0" S1-ELEV

TYP. EXT. MATERIALS LEGEND

CSR	1	ASPHALT COMPOSITION SHINGLE ROOFING		
CB2	2	VERTICAL BOARD AND BATTEN FIBER CEMENT BOARD SIDING	ST2 ST7	
CB1	3	HORIZONTAL FIBER CEMENT BOARD LAP SIDING	ST1 ST8	
CBT1	4	CEM. BD. TRIM	P3 ST9	
ACW	5	PREFINISHED ALUMINUM CLAD WD. WINDOWS, TYP. W/ STANDARD LOW E, GLAZING	P1 P2 P5	
CBC1	6	FIBER CEMENT BOARD CORNER TRIM		
CMS1	7	CORRUGATED METAL SIDING		
ACW	8	ALUMN. CLAD WD. DOOR & FRAME (SOME W/& W/O TEMPERED GLASS SIDELIGHT)	P1 P2 P5	
WS1	9	ROUGH HEWN BOARDS W/ CHINKING	ST13	
EMA	10	EXTERIOR METAL ASSEMBLIES	P3	
	11	HOLLOW METAL DOOR	P1 P2 P5	
	12	HOLLOW MTL. DOOR & FRAME W/ TEMPERED GLASS		
	13	PREFINISHED METAL LOUVER VENT, SMD	P1 P2 P5	
WD2	14	PRESSURE TREATED GLULAM MEMBER (OR TIMBER) – SSD	ST5	
WD1	15	PRESSURE TREATED GLULAM (OR TIMBER) TRUSS, BRACE, ETC.	ST5 ST10	
WD3	16	PRESSURE TREATED GLULAM (OR TIMBER) BRACE	P3	
MTL1	17	METAL TRIM	P2 & CMS1	
	18	LIGHT FIXTURE– SED.		
	19	PTD. GALV. STL. GUARDRAIL W/ WD. CAP	PX STX	
EMA	20	STEEL FRAME CANOPY	P4	
	21	OVERHEAD DOOR	???	
SWC	22	STONE CAP/ WATER TABLE		
STV1	23	STONE VENEER		
	24	PRE-ASSEMBLED ALUMINUM STOREFRONT SYSTEM WINDOWS / DOORS	P1	
	25	APPLIED TRIM "BARN DOOR"	ST5	
STV2	26	PAVERS		
	27	GRADE– SCD.		
	28	8 x 12 HEAVY TIMBER		

NOTES:
1. HOR. LAP SIDING TO MATCH & ALIGN AROUND CORNERS, SEE DTL 1/A8.51

1 S1 WEST ELEVATION
1/8"=1'-0" S1-ELEV
0 1' 4' 8' 16' 24'



KEYPLAN
PLAZA FLOOR (SIM.)
SCALE: N.T.S.

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CRESTED BUTTE
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MT. CRESTED BUTTE, COLORADO

STATE OF COLORADO
JOHN S. ASHWORTH
400282
REGN. 7-31-07
LICENSED ARCHITECT

JUNE 20, 2005

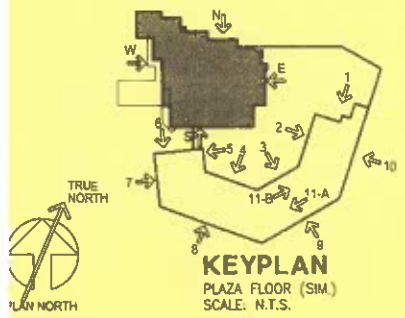
REVISIONS:
1. BSA ADDENDUM #2 6/20/05
2. BSA ADDENDUM #3 7/15/05
3. BSA ADDENDUM #8 9/07/05
4. BSA ADDENDUM #10 11/15/05
5. BSA ADDENDUM #12 12/15/05
6. BSA ADDENDUM #13 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
S1 BUILDING WEST ELEVATION

DRAWN BY: JC
CHECKED BY: GF
JOB NO: 0414.70

SHEET
A3.10

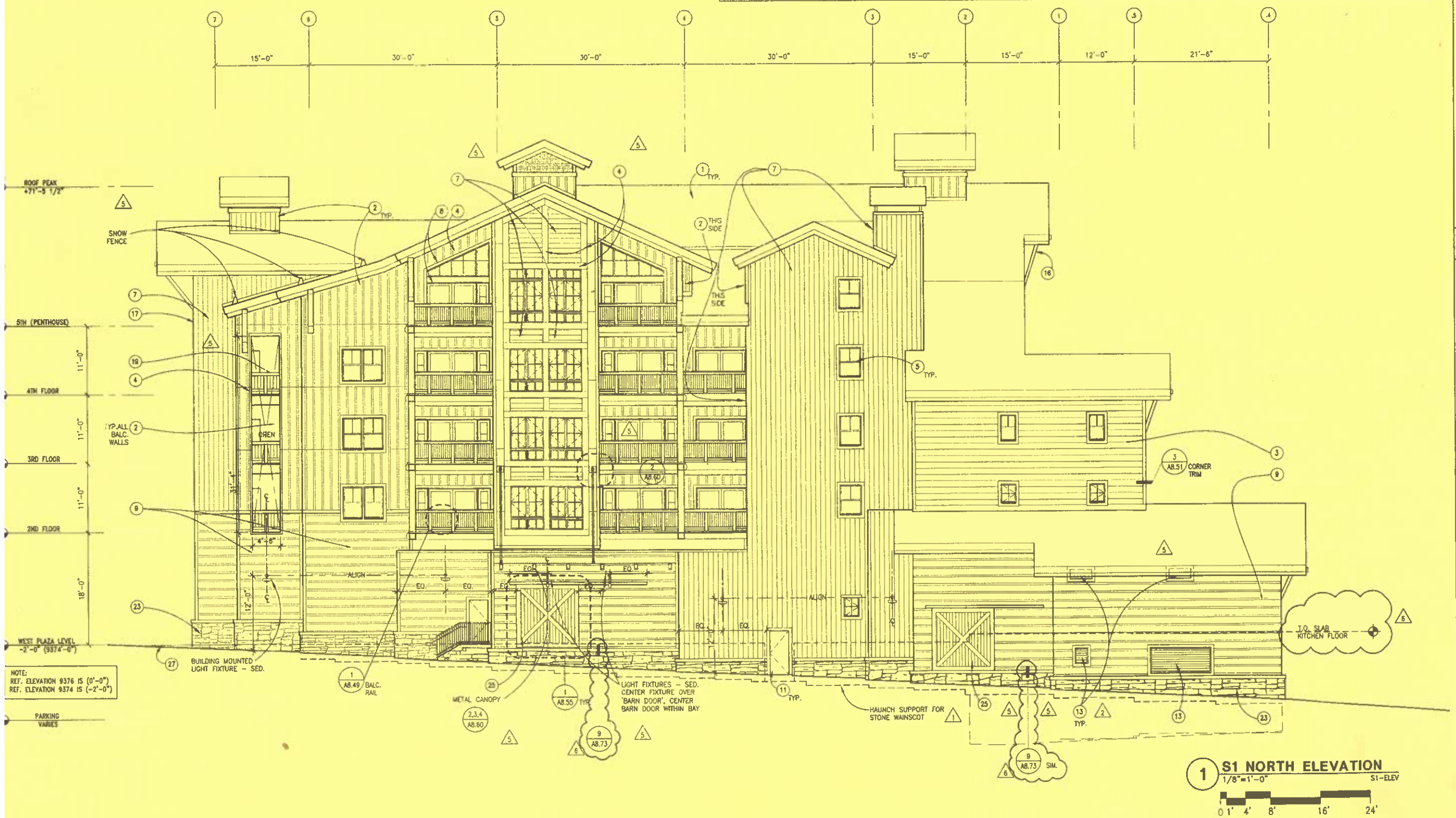


KEYPLAN
PLAZA FLOOR (SIM.)
SCALE: N.T.S.

TYP. EXT. MATERIALS LEGEND

CSR	1	ASPHALT COMPOSITION SHINGLE ROOFING
CB2	2	VERTICAL BOARD AND BATTEN FIBER CEMENT BOARD SIDING (ST2) (ST7)
CB1	3	HORIZONTAL FIBER CEMENT BOARD LAP SIDING (ST1) (ST6)
CBT1	4	CEM. BD. TRIM (P3) (ST9)
ACW	5	PREFINISHED ALUMINUM CLAD WD. WINDOWS, TYP. W/ STANDARD LOW E_2 GLAZING (P1) (P2) (P5)
CBC1	6	FIBER CEMENT BOARD CORNER TRIM
CMS1	7	CORRUGATED METAL SIDING
ACW	8	ALUMN. CLAD WD. DOOR & FRAME (SOME W/& W/O TEMPERED GLASS SIDELIGHT) (P1) (P2) (P5)
WS1	9	ROUGH HEWN BOARDS W/ CHINKING (ST3)
EMA	10	EXTERIOR METAL ASSEMBLIES (P3)
	11	HOLLOW METAL DOOR (P1) (P2) (P5)
	12	HOLLOW MTL. DOOR & FRAME W/ TEMPERED GLASS
	13	PREFINISHED METAL LOUVER VENT, SMD (P1) (P2) (P5)
WD2	14	PRESSURE TREATED GLULAM MEMBER (OR TIMBER) - SSD (ST5)
WD1	15	PRESSURE TREATED GLULAM (OR TIMBER) TRUSS, BRACE, ETC. (ST5) (ST10)
WD3	16	PRESSURE TREATED GLULAM (OR TIMBER) BRACE (P3)
MTL1	17	METAL TRIM (P2) & (CMS1)
	18	LIGHT FIXTURE- SED.
	19	PTD. GALV. STL. GUARDRAIL W/ WD. CAP (PX) (STX)
EMA	20	STEEL FRAME CANOPY (P4)
	21	OVERHEAD DOOR (???)
SVC	22	STONE CAP/ WATER TABLE
STV1	23	STONE VENEER
	24	PRE-ASSEMBLED ALUMINUM STOREFRONT (P1) SYSTEM WINDOWS / DOORS
	25	APPLIED TRIM "BARN DOOR" (ST5)
STV2	28	PAVERS
	27	GRADE- SCD.
	28	8 x 12 HEAVY TIMBER

NOTES:
1. HOR. LAP SIDING TO MATCH & ALIGN AROUND CORNERS, SEE DTL 1/A8.51



1 S1 NORTH ELEVATION
1/8"=1'-0" S1-ELEV
0 1' 4' 8' 16' 24'

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CRESTED BUTTE
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GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

STATE OF COLORADO
JOHN S. ASHWORTH
400282
REN. 7-31-07
LICENSED ARCHITECT

JUNE 20, 2005

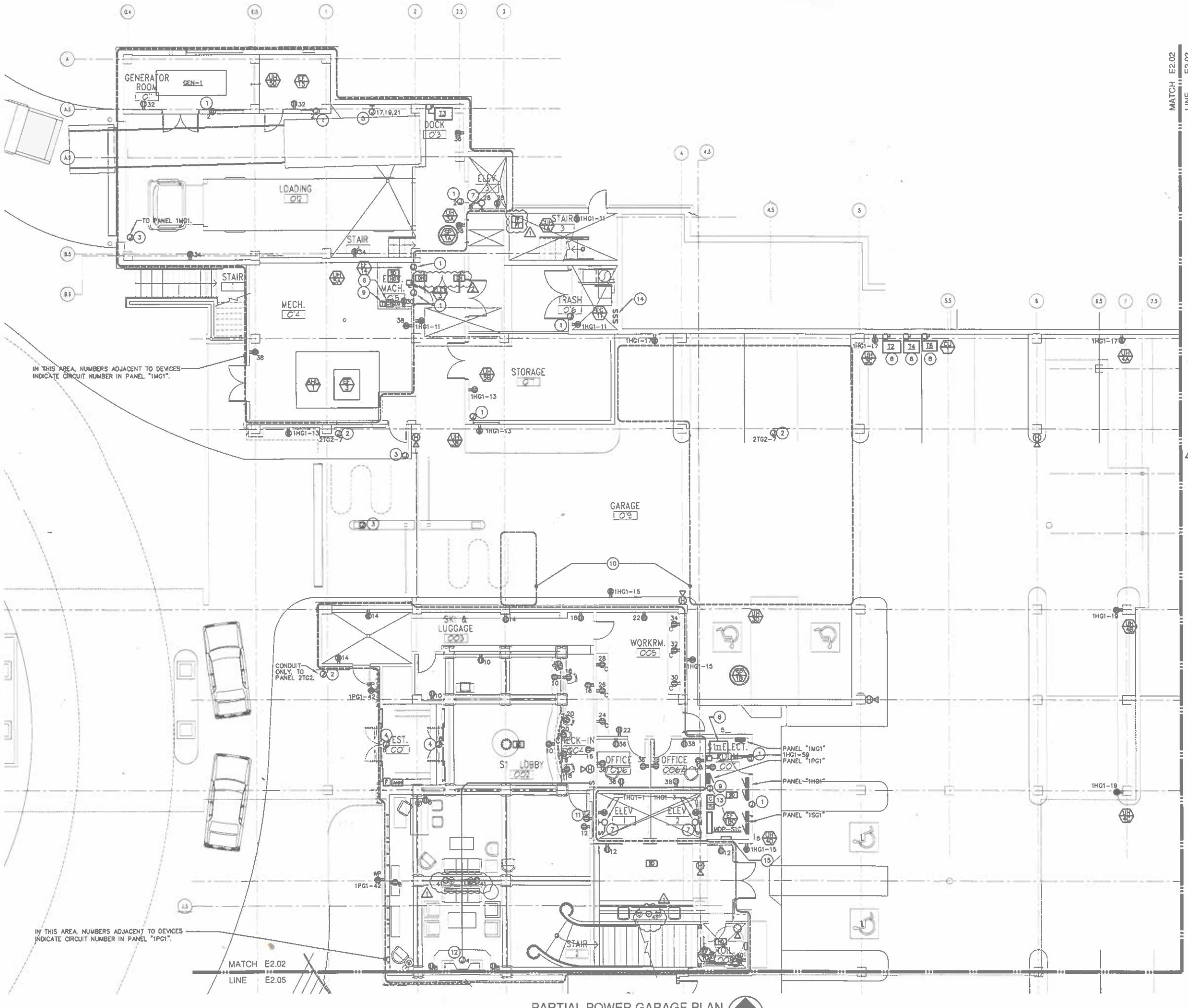
REVISIONS:
1. BSA ADDENDUM #2 6/20/05
2. BSA ADDENDUM #3 7/15/05
3. BSA ADDENDUM #5 9/07/05
4. BSA ADDENDUM #10 11/15/05
5. BSA ADDENDUM #12 12/15/05
6. BSA ADDENDUM #13 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
S1 BUILDING NORTH ELEVATION

DRAWN BY: WC
CHECKED BY: GF
JOB NO: 0414.30

SHEET
A3.11



PARTIAL POWER GARAGE PLAN

NOTES:

1. XXX

FLAG NOTES:

1. PROVIDE 120V CONNECTION FOR FIRE/SMOKE DAMPER. CIRCUIT DAMPER TO "1HG1-58" U.N.O..
2. PROVIDE 120V CONNECTION FOR SECURITY CAMERA.
3. PROVIDE J-BOX AND CONDUIT FOR FUTURE ACCESS CONTROLS. ROUTE CONDUIT TO PANEL "1HG1" U.N.O.
4. PROVIDE 120V CONNECTION FOR AUTOMATIC DOORS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
5. PROVIDE 208V, 3Ø CONNECTION FOR GARBAGE COMPACTOR. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER'S RECOMMENDATIONS PRIOR TO ROUGH-IN.
6. PROVIDE 20A, 1P ENCLOSED, LOCKABLE CIRCUIT BREAKER FOR ELEVATOR CAB FAN AND CAB LIGHTING.
7. PROVIDE ELEVATOR PIT LIGHT FIXTURE AND CONTROL. (CANLET "68-01-F-W-F-32-H-1-G-GS")
8. SUSPEND TRANSFORMER FROM CEILING VIA UNISTRUT AS CLOSE TO STRUCTURE AS POSSIBLE.
9. LINE VOLTAGE THERMOSTAT.
10. PROVIDE (2) 208V, 1Ø CONNECTIONS FOR HEAT TRACE OF ALL DOMESTIC WATER, CHILLED WATER, HEATING WATER, WASTE, AND STORM PIPING IN AREAS SHOWN. REFERENCE MECHANICAL DRAWINGS FOR THE SIZE, LOCATION, AND CONFIGURATION OF ALL PIPING. REFERENCE MECHANICAL SPECIFICATIONS FOR PRODUCT INFORMATION. HEAT TRACE TO BE INSTALLED BY ~~ELECTRICAL CONTRACTOR. CIRCUIT TO~~ "1SG1-43,45" AND "1SG1-47,49". (2)
11. PROVIDE RECESSED RECEPTACLE FOR WALL MOUNTED ARTWORK LIGHTING OR FLAT PANEL TELEVISION. MOUNT RECEPTACLE AT 6'-0" A.F.F.
12. PROVIDE 120V CONNECTION FOR FIREPLACE IGNITION.
13. PROVIDE 120V CONNECTION TO TIMECLOCK AND CONTACTOR FOR EXTERIOR LIGHTING AND SITE LIGHTING. SEE SHEET E7.01, DIAGRAM @1 FOR MORE INFORMATION.
14. PROVIDE (3) 120V CONNECTIONS FOR TRASH CHUTE. CIRCUIT TO 1HA1-75,77,79. PROVIDE THERMAL OVERLOAD SWITCHES FOR EACH CIRCUIT AS SHOWN. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER.
15. SITE SUMP PUMP CONTROLLER LOCATION. PROVIDE 120V CONNECTION CONTROLLER AND CIRCUIT TO "1SG1-40".

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Project No: 6087.00

CRESTED BUTTE MOUNTAIN RESORT COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:

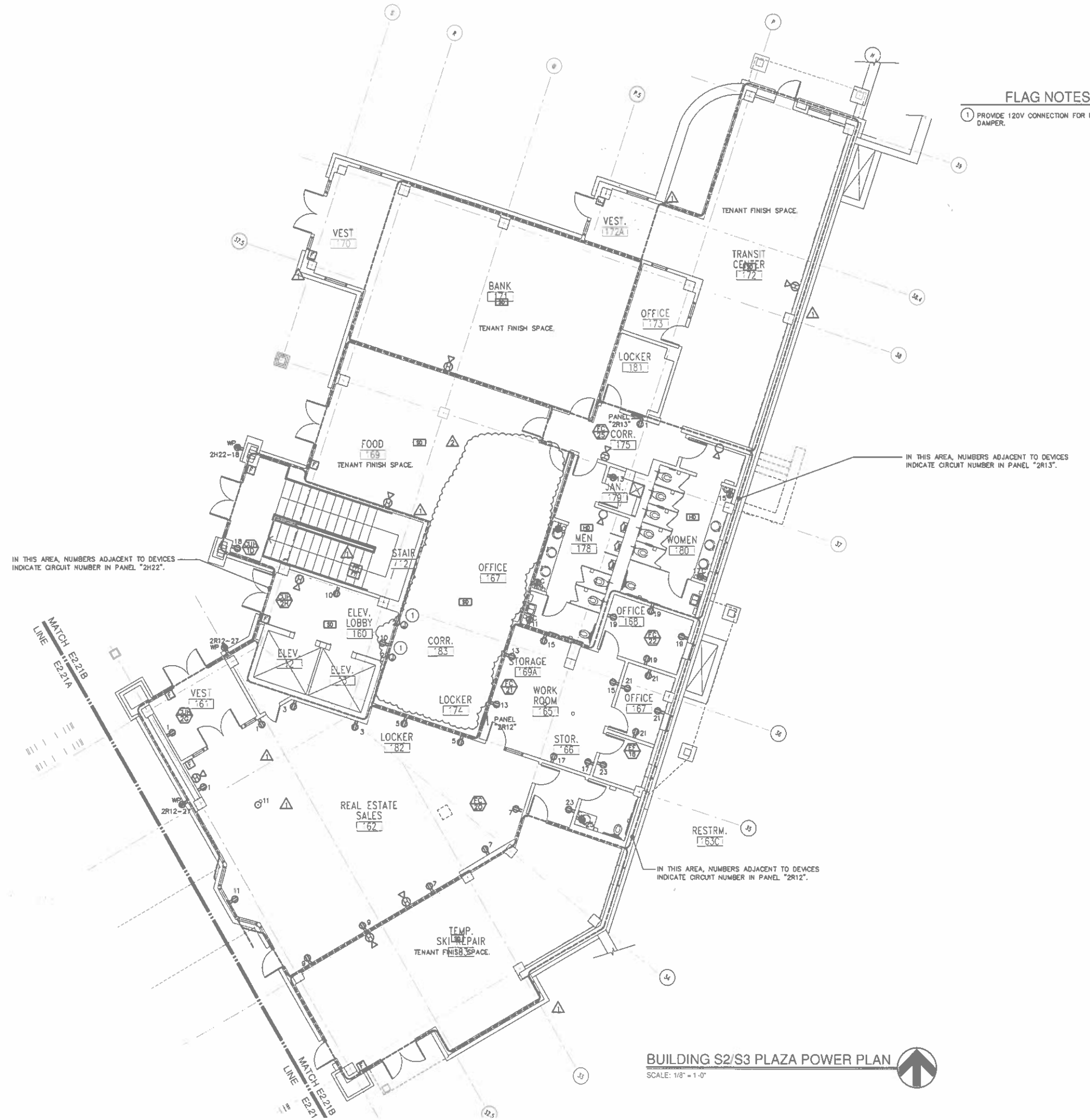
1. BSA ADDENDUM 12 – 12/15/05
2. BSA ADDENDUM 13 – 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PARTIAL POWER GARAGE PLAN

DRAWN BY: JAC
CHECKED BY: BGR

SHEET
E2.02



FLAG NOTES:

1. PROVIDE 120V CONNECTION FOR FIRE/SMOKE DAMPER.

BUILDING S2/S3 PLAZA POWER PLAN

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

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Project No: 0307.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:

1. BSA ADDENDUM 12 - 12/15/05
2. BSA ADDENDUM 13 - 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

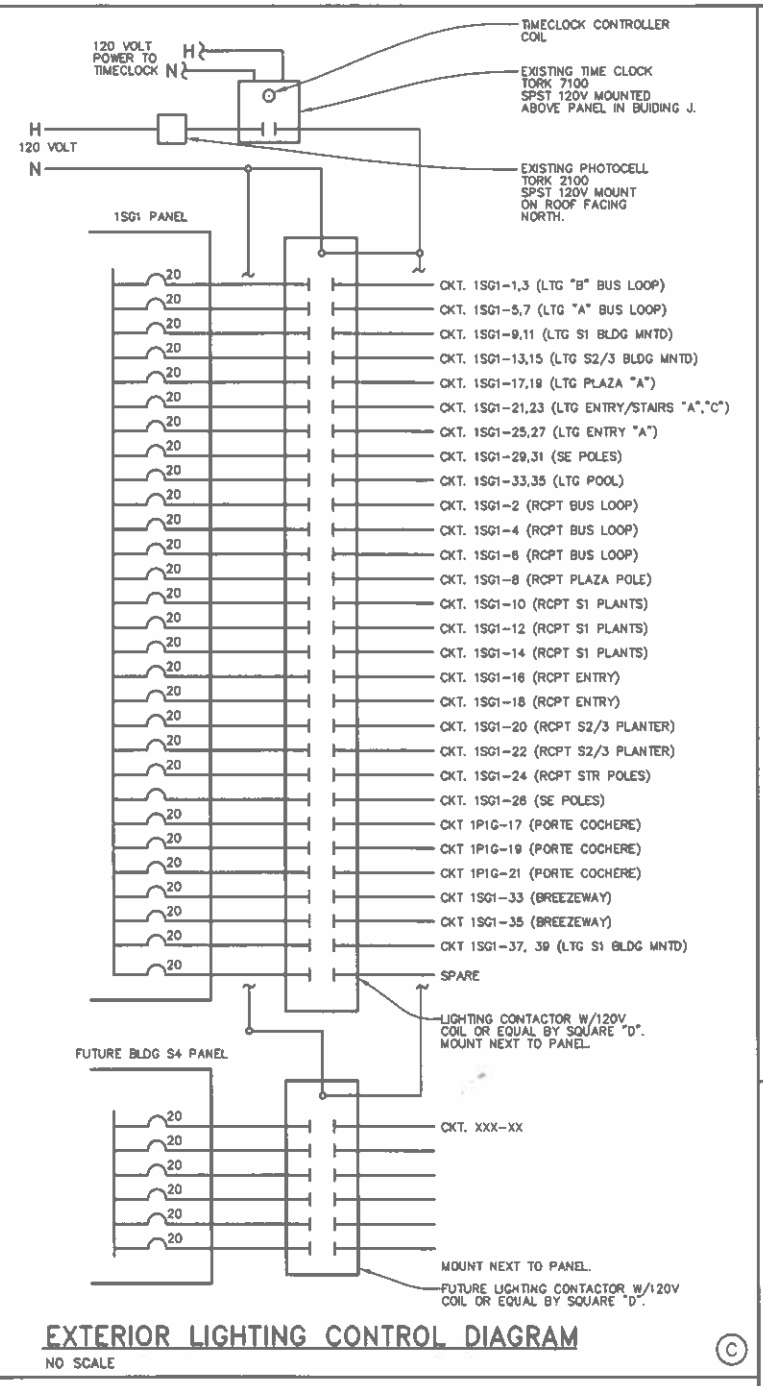
SHEET TITLE:

BUILDING S2/S3 PLAZA POWER PLAN

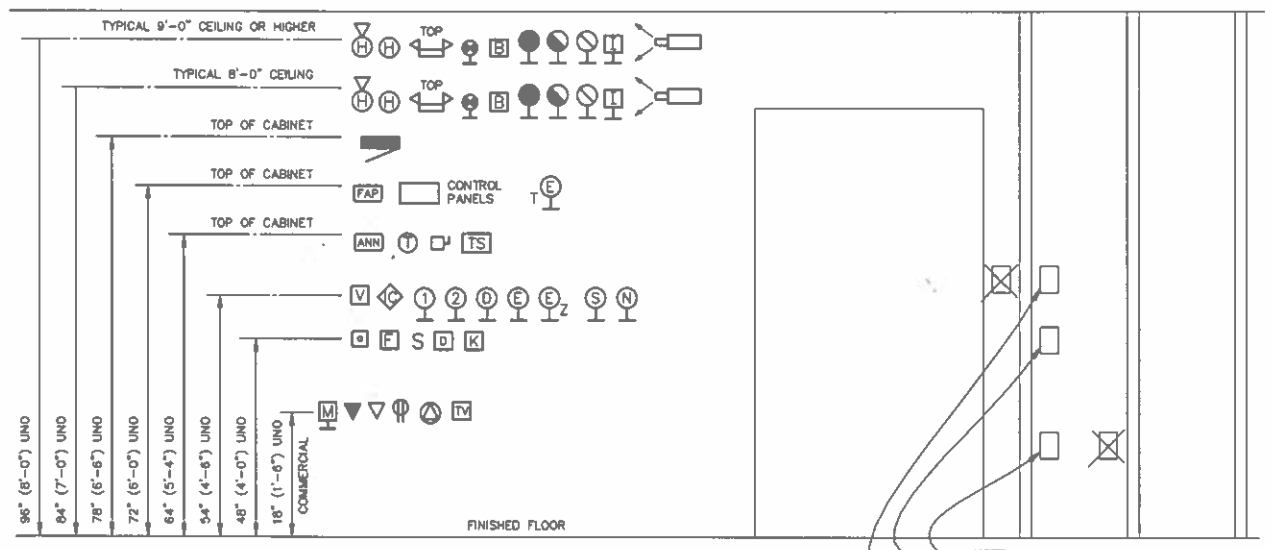
DRAWN BY: JAC
CHECKED BY: BGR

SHEET
E2.21B

DELETED:
RESIDENTIAL CORRIDOR LIGHTING
CONTROL DIAGRAM



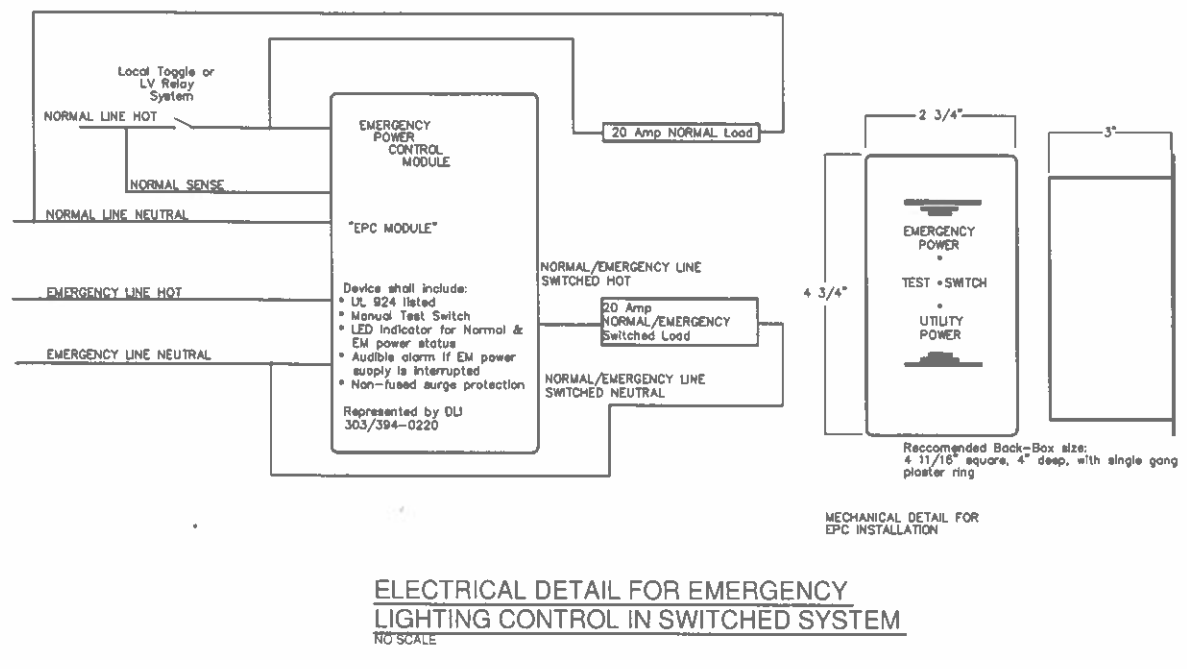
EXTERIOR LIGHTING CONTROL DIAGRAM
NO SCALE



NOTES:
1. HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
2. WHERE EVER DEVICES ARE INDICATED TO BE ABOVE DOORS, DEVICE SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM & CEILING-LINE.
3. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN ABOVE.

NOTE:
ALL DEVICES INDICATED TO BE INSTALLED AT DIFFERENT MOUNTING HEIGHTS & LOCATED WITHIN ONE STUD SPACE FROM EACH OTHER SHALL ALIGN VERTICALLY. ON THE SAME SIDE OF THE STUD WHERE WALL MOUNTED TELEPHONES OCCUR OVER LIGHT SWITCHES, VOLUME CONTROLS, ETC. OFFSET ONE STUD SPACE.

TYPICAL DEVICE MOUNTING HEIGHTS
NO SCALE



ELECTRICAL DETAIL FOR EMERGENCY LIGHTING CONTROL IN SWITCHED SYSTEM
NO SCALE

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Project No: 6087.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
⚠ BSA ADDENDUM # 12/15/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

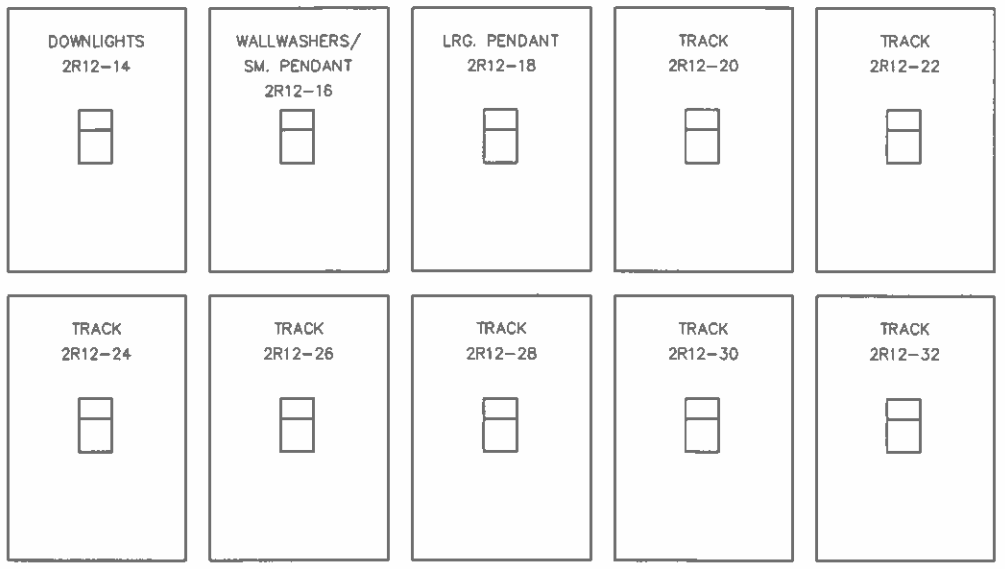
SHEET TITLE:
ELECTRICAL DIAGRAMS

DRAWN BY: JAC
CHECKED BY: BGR

SHEET
E7.01

NOTES:

1. INSTALL SWITCHES TOGETHER IN A BANK.
2. LABEL SWITCHES AS SHOWN.



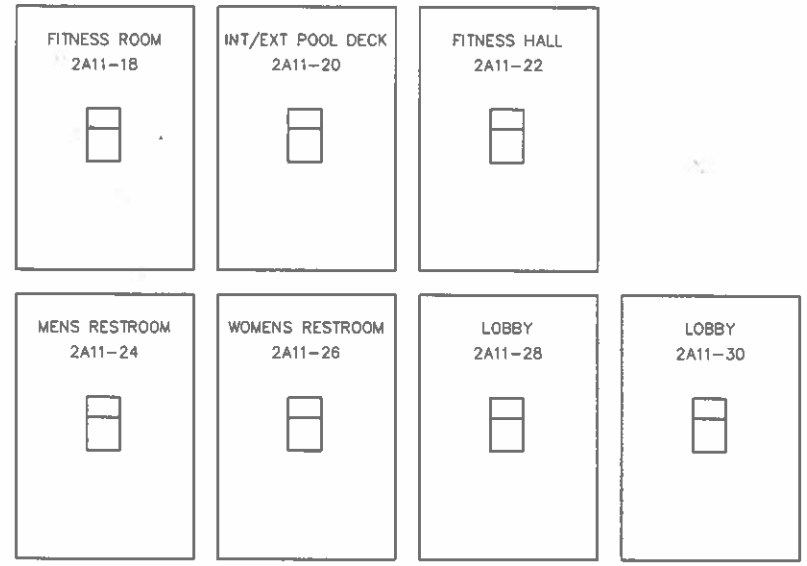
REAL ESTATE SALES 162 SWITCH BANK DIAGRAM

NO SCALE

Ⓒ

NOTES:

1. INSTALL SWITCHES TOGETHER IN A BANK.
2. LABEL SWITCHES AS SHOWN.



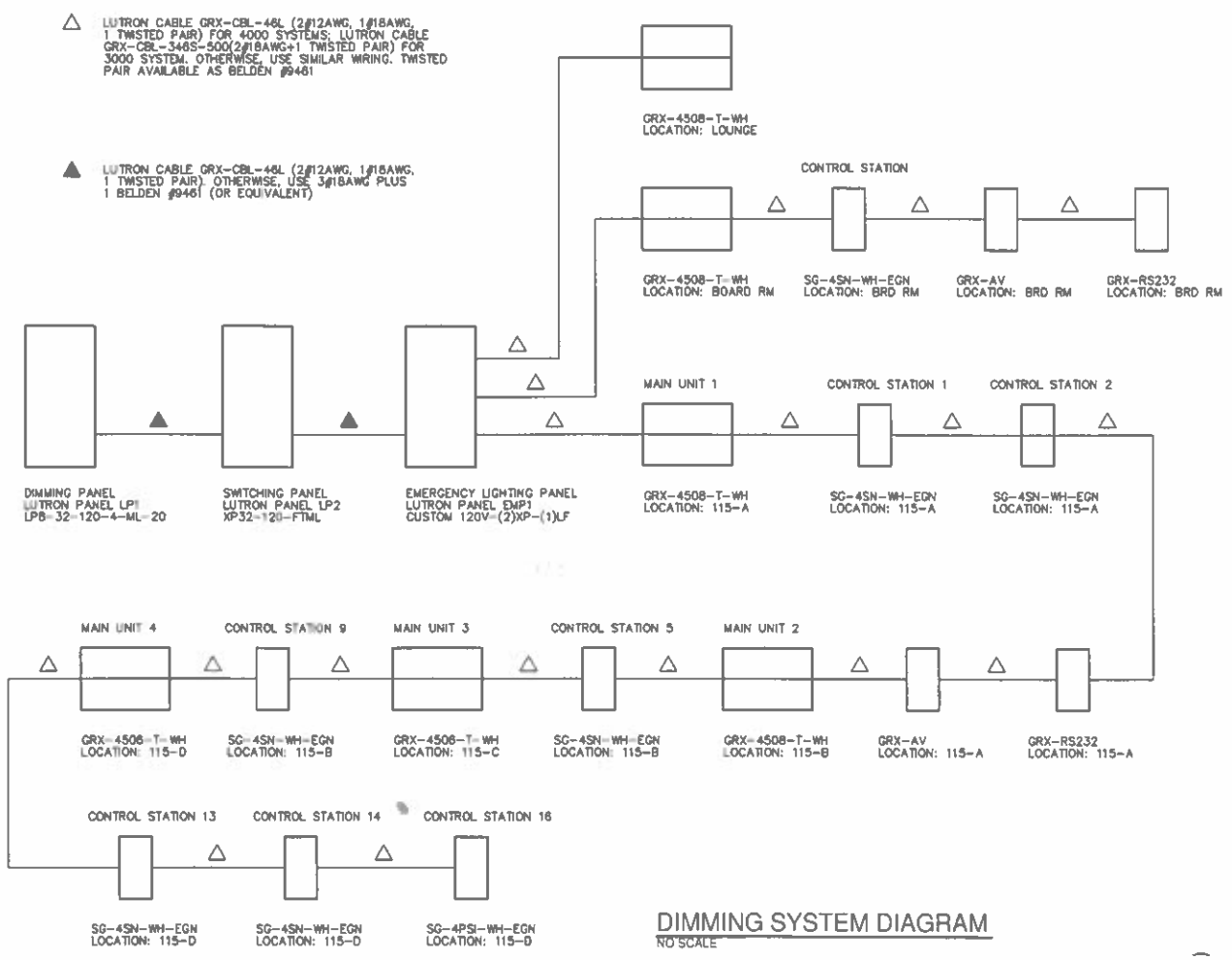
FITNESS AREA SWITCH BANK DIAGRAM

NO SCALE

Ⓐ

△ LUTRON CABLE GRX-CBL-46L (2@12AWG, 1@18AWG, 1 TWISTED PAIR) FOR 4000 SYSTEMS; LUTRON CABLE GRX-CBL-346S-500(2@18AWG+1 TWISTED PAIR) FOR 3000 SYSTEM. OTHERWISE, USE SIMILAR WIRING. TWISTED PAIR AVAILABLE AS BELDEN #9461

▲ LUTRON CABLE GRX-CBL-46L (2@12AWG, 1@18AWG, 1 TWISTED PAIR). OTHERWISE, USE 3@18AWG PLUS 1 BELDEN #9461 (OR EQUIVALENT)

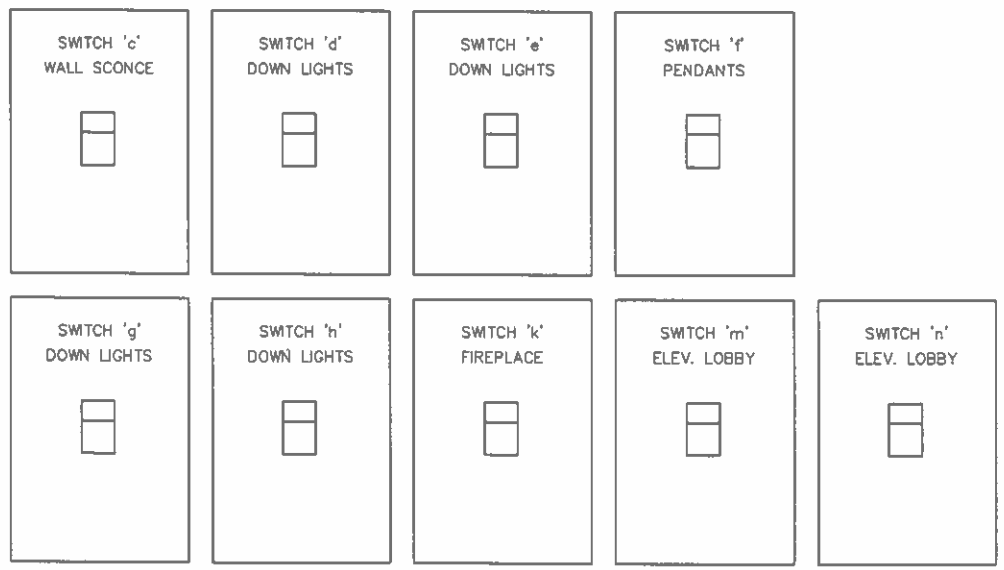


DIMMING SYSTEM DIAGRAM

NO SCALE

NOTES:

1. INSTALL SWITCHES TOGETHER IN A BANK.
2. LABEL SWITCHES AS SHOWN.



LOBBY 002 SWITCH BANK DIAGRAM

NO SCALE

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Denver: (303)279-3620
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Project No: 4087.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
ELECTRICAL DIAGRAMS

DRAWN BY: JAC
CHECKED BY: BGR

SHEET
E7.02

PANEL 1K11 208 Y 120 VOL 3PH 4 WIRE 400 AMPERE MAIN CB : 400 AMPERE BUS
LOCATION BUILDING S1 - KITCHEN 110 MOUNTING RECESSED A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
				P	K- DESK		20	-					A	K-24 TILTING FRYG PAN	9555			2
3				A	K-3 WALK-IN FREEZER		20		+		80	3	A			8000		4
5			1333	A	K-4 FREEZER SYSTEM	2	20	+		-			A				9000	6
7	1333			A							20	1		K-24 SHUNT TRIP				8
9				A	K-7 WALK-IN C-R		20		-		20	1	A	K-27 EXHAUST HOOD		7000		10
11			950	A	K-8 COOLER SYS	2	20			+	20	1	A	K-3 RANGE			7000	12
3	950			A				+			20	1		K-7 SHUNT TRIP				14
5		1392		A	K- MIXER		20		+		20	1	A	K-36A PLTE WARM CAB		7100		16
				P	K- 2A PREP TAB		20			+	20	1	A	K-36B PLTE WARM CAB			7100	18
9	1300			P	K- 2B PREP TABLE		20	-			20	1	A	K-37A HTD BNQT CART	1000			20
2		1300		P	K- 2C PREP TABLE		20		-		20	1	A	K-37B HTD BNQT CART		000		22
23			1300	P	K- 2D PREP TABLE		20			-	20	1	P	K-26 WORK TABLE			1000	24
25	1300			A	K- 8 EXHAUST HOOD		20	+			20	1		K-26 SHUNT TRIP				26
27		1			K- 8 RE SLPR		20		+		20	1	A	K-34 DUMP STATION		000		28
29			7	A	K-2 BAKLE CONV OVEN		20	+			20			K-34 SHUNT TRIP				30
3					K-2 SHUTT		20		+		20	1		SPARE				32
33				A	K-22 BAKLE CONV OVEN		20		-		20			SPARE				34
35					K-22 SHUNT TRIP		20							K-23 CONVECTION STEAM			11333	36
37					SPARE		20	+			00	3			11333			38
39					SPARE		20	+								11333		40
4					SPARE		20		-		20	1		K-23 SHUNT TRIP				42
	5250	6092	4950		SUB TOTALS										21333	25033	24033	

CIRCUIT TYPE: T=TWG, R=RECEPTACLE, V=MOTOR, M=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: D=PANEL W/ FEED-THRU LUGS SPECIFIC NOTES
B=NUT PH BREAK BAR PROVIDED AWG=CU WIRE CONNECTION

	LINE A	LINE B	LINE C
LINE TOTALS	26583	31125	28833
NEC ADDER	-4638	-8227	-5126
FEED THRU LOAD	2371	12329	10226
TOTAL VA PH	34237	17227	34083
LINE AMPS	285	310	284
TOTAL KVA LOAD	105.8		
FEEDER AMPS	293.6		

DISTRIBUTION PANEL MDP-S1C 480 VOLT 3 PHASE
LOCATION BUILDING S1 - ELECTRICAL ROOM 007 400 AMP MAIN LO 4 WIRE
TYPE MAIN DISTRIBUTION PANEL 400 AMP BUSS MIN 24,912 A.I.C.

CIRCUIT NO	LOAD DESCRIPTION	CIRC. BREAKER POLES	CIRC. BREAKER FRAME	CIRC. BREAKER TRIP	LOAD KVA	LOAD AMPS	REMARKS
1	PANEL 1P1 TRANSFORMER	3	250	225	51.5	62	
2	PANEL 1P3 TRANSFORMER	3	250	225	39.4	47	
3	PANEL 1K11 TRANSFORMER	3	250	225	106.8	127	
5	PANEL 1M01 TRANSFORMER	3	250	25	37.5	45	
6	A-U-I-	3	100	50	28.2	34	
7	M-S-	3	100	25	11.6	14	
8	SPA-	3	100	20	9.1	11	
				TOTAL	282.9	340	

Gen. Rm

PANEL 1K11 208 Y 120 VOL 3PH 4 WIRE 400 AMPERE MAIN LO : 400 AMPERE BUS
LOCATION BUILDING S1 - KITCHEN 110 MOUNTING RECESSED A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
	735			A	K-44 DISPOSER			-						BUSSED SPACE				44
5		735		A		3	20	+						BUSSED SPACE				46
7			733	A					-					BUSSED SPACE				48
9	7000			A	K-48 DISH MACHINE			-						BUSSED SPACE				50
5		7200		A		3	60		+					BUSSED SPACE				52
53			7300	A						+				BUSSED SPACE				54
55	6300			A	K-52 BOOSTER HEATER			-						BUSSED SPACE				56
57		6000		A		3	75	-						BUSSED SPACE				58
59			6000	A					-					BUSSED SPACE				60
6	3235			A	K-63 ICE MACHINE	3	30	+						BUSSED SPACE				62
63		3233		A					+					BUSSED SPACE				64
65					BUSSED SPACE					+				BUSSED SPACE				66
					BUSSED SPACE			-						BUSSED SPACE				68
69					BUSSED SPACE					+				BUSSED SPACE				70
7					BUSSED SPACE				+					BUSSED SPACE				72
73					BUSSED SPACE			-						BUSSED SPACE				74
75					BUSSED SPACE					+				BUSSED SPACE				76
77					BUSSED SPACE				-					BUSSED SPACE				78
79					BUSSED SPACE			-						BUSSED SPACE				80
8					BUSSED SPACE					+				BUSSED SPACE				82
83					BUSSED SPACE				-					BUSSED SPACE				84
	8940	8968	5735		SUB TOTALS										0	0	0	

CIRCUIT TYPE: T=TWG, R=RECEPTACLE, V=MOTOR, M=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: SPECIFIC NOTES

	LINE A	LINE B	LINE C
LINE TOTALS	10940	10968	8733
NEC ADDER	-8629	-8639	-5867
FEED THRU LOAD			
TOTAL VA PH	2311	12329	10238
LINE AMPS	193	103	87
TOTAL KVA LOAD	34.9		
FEEDER AMPS	96.8		

PANEL 1M01 208 Y/ 120 VOLT 3PH 4 WIRE 225 AMPERE MAIN CB : 225 AMPERE BUS
LOCATION BUILDING S1 - ELECTRICAL ROOM 007 MOUNTING SURFACE A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
1	2130			M	EF-4			-					M	FS SMOKE DAMPERS	700			2
3		2100		M		3	20		-				M	AP-3A, 3B		360		4
5			2100	M						-			M	AP-5A, 5B			220	6
7	730			M	EF-1	1	20	-					M	SPARE				8
9		870		M	EF-2	1	20		-				M	SPARE				10
11			700	M	EF-3	1	20			-			M	FC-4			870	12
13	1290			M	EF-5	1	20	-					M	CU-2A	530			14
15		870		M	EF-6A	1	20		-				M	CU-1		270		16
17			4800	E	TRASH COMPACTOR								M				270	18
19	4800			E		3	50	-					M	CU--	2100			20
21		4800		E					-		35	3	M			2100		22
23			250	M	EF-4	1	20			-			M				2100	24
25					SPARE	1	20	-			20	1	E	ELEVATOR 3 CAB	1000			26
27					SPARE	1	20		-		20	1	R	ELEVATOR 3 P.T.L.S.		250		28
29					SPARE	1	20			-	20	1	R	RM 0-5 REC			180	30
31					BUSSED SPACE			-			20	1	R	RM 0-1 REC	180			32
33					BUSSED SPACE				-		20	1	R	RM 0-2 REC		360		34
35					BUSSED SPACE					-	20	1	R	RM 0-3 REC			360	36
37					BUSSED SPACE			-			20	1	R	RM 0-4 REC	360			38
39					BUSSED SPACE				-					BUSSED SPACE				40
41					BUSSED SPACE					-				BUSSED SPACE				42
	8800	8640	7850		SUB TOTALS										4870	3320	4000	

CIRCUIT TYPE: L=LIGHTING, R=RECEPTACLE, V=MOTOR, LV=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: SPEC FIC NOTES
A. PROVIDE PANEL W/ FEED-THRU LUGS.

	LINE A	LINE B	LINE C
LINE TOTALS	13670	11980	11890
NEC ADDER	0	0	0
FEED-THRU LOAD			
TOTAL VA PH	13670	11980	11890
LINE AMPS	114	100	99
TOTAL KVA LOAD	37.5		
FEEDER AMPS	104.0		

PANEL 1P13 208 Y 120 VOLT 3PH 4 WIRE 225 AMPERE MAIN CB : 225 AMPERE BUS
LOCATION BUILDING S1 - SERVICE CORRIDOR 113 MOUNTING RECESSED A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
1	1380			L	TO LP1 2NM MOD#1	1	20	+			20	1		SPARE				2
3		1830		L	TO LP1 2NM MOD#2	1	20		+		20	1		SPARE				4
5			1450	L	TO LP1 2NM MOD#3	1	20			+	20	1		SPARE				6
7	1380			L	TO LP1 2NM MOD#4	1	20	+			20	1		SPARE				8
9		1000		L	TO LP1 2NM MOD#5	1	20		+		20	1		SPARE				10
11			1300	L	TO LP1 2NM MOD#6	1	20			-	20	1		SPARE				12
13	1000			L	TO LP1 2NM MOD#7	1	20	+			20	1		SPARE				14
15		1000		L	TO LP1 2NM MOD#8	1	20		+		20	1		SPARE				16
17			1360	L	TO LP2 2NM MOD#1	1	20			+	20	1		SPARE				18
19	1630			L	TO LP2 2NM MOD#2	1	20	+			20	1		SPARE				20
2		1450		L	TO LP2 2NM MOD#3	1	20		+		20	1		PREFLACT REND		980		22
23			1360	L	TO LP2 2NM MOD#4	1	20			+	20	1		PREFLACT REND			980	24
25	1300			L	TO LP2 2NM MOD#5	1	20	+			20	1		SPARE				26
27		1000		L	TO LP2 2NM MOD#6	1	20		+		20	1	L	PREFLACT DN LT		900		28
29			1000	L	TO LP2 2NM MOD#7	1	20	+			20	1	L	PREFLACT PIC LTS			840	30
9	1000			L	TO LP2 2NM MOD#8	1	20		-		20	1	L	PREFLACT DN LT	540			32
33				L	SPARE	1	20		+		20	1	L	PREFLACT REND		980		34
35				L	SPARE	1	20	-			20	1		SPARE				36
3	840			L	BT-GRUB & STR	1	20		+		20	1	L	KITCHEN	1650			38
39		1130		L	BOOKSEARY CORR D	1	20			+	20	1	L	KITCHEN		1260		40
			1295	L	SERV. CORRID	1	20	+			20	1	L	BATHROOMS			1295	42
	8190	7210	7265		SUB TOTALS										5590	4080	3990	

CIRCUIT TYPE: T=TWG, R=RECEPTACLE, V=MOTOR, LM=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: SPECIFIC NOTES
OV DE PANEL W/ FEED-THRU LUGS

	LINE A	LINE B	LINE C
LINE TOTALS	9780	11290	10455
NEC ADDER	2445	2823	2614
FEED THRU LOAD			
TOTAL VA PH	12225	14113	13069
LINE AMPS	102	118	109
TOTAL KVA LOAD	39.4		
FEEDER AMPS	109.4		

PANEL 1P11 208 Y/ 120 VOLT 3PH 4 WIRE 225 AMPERE MAIN CB : 225 AMPERE BUS
LOCATION BUILDING S1 - SERVICE CORRIDOR 113 MOUNTING RECESSED A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
1	380			R	REC RM 100	1	20	+			20	1	E	RM 100 AUTO DOORS	1000			2
3		540		R	REC RM 101	1	20		-		20	1	E	RM 101 FIREPLACE		100		4
5			720	R	REC RM 105	1	20			+	20	1	R	REC RM 105			540	6
7	540			R	REC RM 125	1	20	-			20	1	R	REC RM 125	360			8
9		360		R	REC RM 106	1	20		+		20	1	R	REC RM 106		540		10
11			360	R	REC RM 135	1	20			-	20	1	R	REC RM 135			360	12
13	360			R	REC RM 136	1	20	+			20	1	R	REC RM 135 FLOOR BOX	720			14
15		1260		R	REC RM 106	1	20		+		20	1	R	REC RM 135 FLOOR BOX		720		16
17			180	R	REC RM 137	1	20			-	20	1	R	REC RM 135 FLOOR BOX			720	18
19	180			R	REC RM 137	1	20	+			20	1	R	REC RM 135 FLOOR BOX	720			20
21		180		R	REC RM 137	1	20		+		20	1	E	RM 115 PROJECTOR		1200		22
23			180	R	REC RM 138	1	20			-	20	1	E	RM 115 PROJECTOR			1200	24
25	180			R	REC RM 138	1	20	+			20	1	E	RM 115 PROJECTOR	1000			26
27		180		R	REC RM 138	1	20		+		20	1	E	RM 115 PROJECTOR		1200		28
29			180	R	REC RM 139	1	20			+	20	1	E	RM 115 SCREEN			1000	30
31	180			R	REC RM 139	1	20	+			20	1	E	RM 115 SCREEN	1000			32
33		540		R	REC RM 138	1	20		+		20	1	E	RM 115 SCREEN		1200		34
35			540	R	REC RM 138	1	20			+	20	1	E	RM 115 SCREEN			1200	36
37	360			R	REC RM 138 FLOOR BOX	1	20	+			20	1	R	REC RM 119	180			38
39		1500		E	RM 109 PROJECTOR	1	20		+		20	1	R	REC RM 119		180		40
41			1300	E	RM 109 SCREEN	1	20			+	20	1	R	REC RM 123			180	42
	2160	4060	3180		SUB TOTALS										4880	4340	4800	

CIRCUIT TYPE: L=LIGHTING, R=RECEPTACLE, V=MOTOR, LV=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: SPECIFIC NOTES.
A. PROVIDE PANEL W/ FEED-THRU LUGS.

	LINE A	LINE B	LINE C
LINE TOTALS	7740	8600	7863
NEC ADDER	-427	-464	-409
FEED THRU LOAD	8090	9605	9410
TOTAL VA PH	15403	17941	16864
LINE AMPS	128	150	141
TOTAL KVA LOAD	51.5		
FEEDER AMPS	143.0		

PANEL 1P13 208 Y/ 120 VOLT 3PH 4 WIRE 225 AMPERE MAIN CB : 225 AMPERE BUS
LOCATION BUILDING S1 - SERVICE CORRIDOR 113 MOUNTING RECESSED A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
	320			L	COFFEE BAR		20	+						BUSSED SPACE				44
		1310		L	LOUNGE		20		+					BUSSED SPACE				46
47			1800	L	LOBBY GRAND STR		20			+				BUSSED SPACE				48
9	1360			L	VEST IBL		20	+						BUSSED SPACE				50
5					SPARE		20		+					BUSSED SPACE				52
53					SPARE		20	+						BUSSED SPACE				54
55					SPARE		20		+					BUSSED SPACE				56
57					SPARE		20	+						BUSSED SPACE				58
59					SPARE		20		+					BUSSED SPACE				60
8					SPARE		20			+				BUSSED SPACE				62
63					SPARE		20	+						BUSSED SPACE				64
65					SPARE		20		+					BUSSED SPACE				66
6							20	+						BUSSED SPACE				68
69					SPARE		20		+					BUSSED SPACE				70
71					SPARE		20			+				BUSSED SPACE				72
73					SPARE		20	-						BUSSED SPACE				74
75					SPARE		20		+					BUSSED SPACE				76
77					SPARE		20	+						BUSSED SPACE				78
79					SPARE		20	+						BUSSED SPACE				80
8					SPARE		20	+						BUSSED SPACE				82
83					SPARE		20		-					BUSSED SPACE				84
	1373	1313	1830		SUB TOTALS										0	0	0	

CIRCUIT TYPE: T=TWG, R=RECEPTACLE, V=MOTOR, LM=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: SPECIFIC NOTES.

	LINE A	LINE B	LINE C
LINE TOTALS	1370	1315	1400
NEC ADDER	343	328	400
FEED THRU LOAD			
TOTAL VA PH	1713	1638	2300
LINE AMPS	14	14	17
TOTAL KVA LOAD	5.4		

⚠ SHEET RE-ISSUED IN ITS ENTIRETY

PANEL 1P11 208 Y/ 120 VOLT 3PH 4 WIRE 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S1 - SERVICE CORRIDOR 113 MOUNTING RECESSED A.I.C. 10K

CIRCUIT NUMBER	LOAD LINE A	LOAD LINE B	LOAD LINE C	WIRE TYPE (AWG)	LOAD DESCRIPTION	CIRCUIT BREAKER POLE	TRIP	BUS A	BUS B	BUS C	CIRCUIT BREAKER TRIP	CIRCUIT BREAKER POLE	WIRE TYPE (AWG)	LOAD DESCRIPTION	LOAD LINE A	LOAD LINE B	LOAD LINE C	CIRCUIT NUMBER
43	540			R	REC EXTERIOR	1	20	-			20	1	A	K-10 ASST WORK TABLE	1000			44
45		380		R	REC EXTERIOR	1	20		+		20	1	A	K-10 BEVERAGE TABLE		1200		46
47			380	R	REC EXTERIOR	1	20			+			A	K-12AA COFFEE BREWER			3000	48
49	540			R	REC EXTERIOR	1	20	-			30	3	A		3000			50
51		180		R	REC STAIR 4	1	20		-				A			3000		52
53			180	R	REC RM 122	1	20			-			A	K-10AB COFFEE BREWER			3000	54
55	180			R	REC RM 122	1	20	-			30	3	A		3000			56
57		1200		A	K-22 SODA SYSTEM	1	20		-				A			3000		58
59			240	L	K-25 LIGHTING	1	20			-	20	1	A	K-10S TEA BREWER			1000	60
61	720			L	K-26 LIGHTING	1	20	-			20	1	A	K-10BA HEATED CART	1000			62
63		1500		A	K-32 BLENDER STATION	1	20		-		20	1	A	K-10BB HEATED CART		1200		64
65			1290	R	K-41 PLUG MOLD	1	20			-	20	1	A	K-11Z CART			1290	66
67	720			R	REC RM 118	1	20	-			20	1	A	K-11S RAMP OPERATOR	1420			68
69		720		R	REC RM 118	1	20		-		20	1	R	REC RM 3		180		70
71			720	R	REC RM 118	1	20			-	20	1	R	REC RM 3			180	72
73	720			R	REC RM 118	1	20	-			20	1	R	REC RM 3	180			74
75		1300		R	K-36 POS EQUIPMENT	1	20		-		20	1	R	REC RM 3		540		76
77			1080	R	REC RM 136	1	20			-	20	1		SPARE				78
79					SPARE	1	20	-			20			SPARE				80
81					SPARE	1	20		-		20			SPARE				82
83					SPARE	1	20			-	20			SPARE				84
	3420	4760	3840		SUB TOTALS										5980	5720	6380	

CIRCUIT TYPE: L=LIGHTING, R=RECEPTACLE, V=MOTOR, LV=LARGES" MOTOR
DESCRIPTION: E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: SPECIFIC NOTES.
A. PROVIDE PANEL W/ FEED-THRU LUGS.

	LINE A	LINE B	LINE C
LINE TOTALS	13000	13480	12230
NEC ADDER	-3113	-3875	-3913
FEED THRU LOAD			
TOTAL VA PH	8090	9605	9410
LINE AMPS	82	82	79
TOTAL KVA LOAD	29.1		

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Project No. 6087.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
⚠ BSA ADDENDUM #12 12/15/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PANEL SCHEDULES: CENTRAL PLANT SERVICE

DRAWN BY: JAC
CHECKED BY: BGR

SHEET E8.01

PANEL 2R11

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2 - ADVENTURE CENTER - ADMIN 154C — MOUNTING RECESSED — A.I.C. 10K

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	540			R	REC. RM 152, 164	1	20	•			20	1	M	F/S DAMPER	100			2
3		540		R	REC. RM 152	1	20		•		20	1	M	CL-12C		530		4
5			360	R	REC. RM 152	1	20			•	20	1	M	CL-12D			530	6
7	360			R	REC. RM 152	1	20	•			20	1	M	CL-12E	530			8
9		540		R	REC. RM 152	1	20		•		20	1	M	CL-12F		530		10
11			540	R	REC. RM 152	1	20			•	20	1	M	FC-2A			320	12
13	180			R	REC. RM 152B	1	20	•			20	1	M	FC-3A	520			14
15		180		R	REC. RM 152B	1	20		•		20	1	M	FC-17		1200		16
17			180	R	REC. RM 152A	1	20			•	20	1	M	EF-20			875	18
19	180			R	REC. RM 152A	1	20	•			20	1	L	LTG. RM 152	1520			20
21		360		R	REC. RM 152A	1	20		•		20	1	L	LTG. RM 152 RESTRMS		1320		22
23			360	R	REC. RM 154A	1	20			•	20	1	L	LTG. OFFCS			1122	24
25	540			R	REC. RM 154B	1	20	•			20	1	L	LTG. 154A TRACK	600			26
27		360		R	REC. RM 154C	1	20		•		20	1	L	LTG. 154A TRACK		600		28
29			540	R	REC. RM 154C	1	20			•	20	1		SPARE				30
31	360			R	REC. RM 154D	1	20	•			20	1		SPARE				32
33		360		R	REC. RM 154D	1	20		•		20	1		SPARE				34
35			540	R	REC. RM 154D	1	20			•	20	1		SPARE				36
37	360			R	REC. EXTERIOR	1	20	•			20	1		SPARE				38
39		1200		R	ATM MACHINE	1	20		•		20	1		SPARE				40
41			1200	R	ATM MACHINE	1	20			•	20	1		SPARE				42
	2520	3540	3720		SUB TOTALS										3270	4180	2840	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	5790	7720	6560
NEC ADDER	530	480	280
FEED THRU LOAD			
TOTAL VA/PH	6320	8200	6840
LINE AMPS	53	68	57
TOTAL KVA LOAD	21.4		
FEEDER AMPS	59.3		

PANEL 1PG1

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S1 - ELECTRICAL ROOM 007 — MOUNTING RECESSED — A.I.C. 10K

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	1350			L	LTG. RM 003, 004, 005, 006	1	20	•			20	1	M	EF-13	125			2
3		1530		L	LTG. RM 302, 304	1	20		•		20	1	E	FIREPLACE IGNITION		100		4
5			1155	L	LTG. RM 302, 008	1	20			•	20	1	E	AUTOMATIC DOORS			1000	6
7	1160			L	LTG. RM 302	1	20	•			20	1	R	REC. RM 002	720			8
9		1850		L	LTG. RM 302	1	20		•		20	1	R	REC. RM 002		720		10
11					SPARE	1	20			•	20	1	R	REC. RM 003			720	12
13					SPARE	1	20	•			20	1	R	REC. RM 004	540			14
15					SPARE	1	20		•		20	1	R	REC. RM 004		720		16
17			1050	L	LTG. EXTERIOR	1	20			•	20	1	R	REC. RM 004			360	18
19	1050			L	LTG. EXTERIOR	1	20	•			20	1	R	REC. RM 004	360			20
21		1050		L	LTG. EXTERIOR	1	20		•		20	1	R	REC. RM 305		360		22
23					SPARE	1	20			•	20	1	R	REC. RM 306			180	24
25					SPARE	1	20	•			20	1	R	REC. RM 005	180			26
27					SPARE	1	20		•		20	1	R	REC. RM 005		180		28
29					SPARE	1	20			•	20	1	R	REC. RM 005			180	30
31					SPARE	1	20	•			20	1	R	REC. RM 005	180			32
33					SPARE	1	20		•		20	1	R	REC. RM 005		180		34
35					SPARE	1	20			•	20	1	R	REC. RM 006			720	36
37					SPARE	1	20	•			20	1	R	REC. RM 006A	720			38
39					SPARE	1	20		•		20	1	R	REC. RM 008		180		40
41			540	R	REC. RM 002 FLOOR	1	20			•	20	1	R	REC. EXTERIOR			360	42
	3560	4230	2745		SUB TOTALS										2825	2440	3820	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	6385	6670	6565
NEC ADDER	890	1050	550
FEED THRU LOAD			
TOTAL VA/PH	7275	7720	6818
LINE AMPS	61	64	57
TOTAL KVA LOAD	21.8		
FEEDER AMPS	60.6		

DISTRIBUTION PANEL MMS-1

LOCATION BUILDING S2 - ELECTRICAL ROOM — TYPE MULTI-METER STACK — 208 VOLT — 1200 AMP MAIN LO — 1200 AMP BUSS — 3 PHASE — 4 WIRE — MIN 54,087 A.I.C.

CIRCUIT NO	LOAD DESCRIPTION	CIRC. BREAKER POLES	METER	TRIP	LOAD KVA	AMPS	REMARKS
1	PANEL 1PG1	3	200	200	21.8	61	
2	PANEL 2R11	3	200	200	21.4	59	
3	PANEL 2R12	3	200	200	24.4	68	
4	PANEL 2R13	3	200	200	#REF!	#REF!	
5	PANEL 2R14	3	200	200	4.3	12	
6	PANEL 2AG1	3	200	200	62.5	174	
7	PANEL 2TG1	3	200	200	#REF!	#REF!	
8	PANEL 2TG3	3	200	200	23.8	66	
9	FUTURE						
10	FUTURE						
11	FUTURE						
12	FUTURE						
13	FUTURE						
14	FUTURE						
15	FUTURE						
16	FUTURE						
				TOTAL	#REF!	#REF!	

⚠1 SHEET RE-ISSUED IN ITS ENTIRETY

PANEL 2R12

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2 - REAL ESTATE-WRK RM 165 — MOUNTING RECESSED — A.I.C. 10K

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	540			R	REC. RM 161, 162	1	20	•			20	1	M	CL-12G	530			2
3		360		R	REC. RM 162	1	20		•		20	1	M	FC-20		1200		4
5			360	R	REC. RM 162	1	20			•	20	1	M	FC-21			320	6
7	540			R	REC. RM 162	1	20	•			20	1	M	FC-22	720			8
9		360		R	REC. RM 162	1	20		•		20	1	M	EF-16		870		10
11			360	R	REC. RM 162	1	20			•	20	1		SPARE				12
13	360			R	REC. RM 165	1	20	•			20	1	L	LTG OPN/OFF EE-R	1388			14
15		360		R	REC. RM 165	1	20		•		20	1	L	LTG OPN/OFF FFLR DG PANELS		994		16
17			360	R	REC. RM 168	1	20			•	20	1	L	LTG OPN/OFF GLR-4			1300	18
19	720			R	REC. RM 168	1	20	•			20	1	L	LTG OPN/OFF TRACK	1200			20
21		720		R	REC. RM 167	1	20		•		20	1	L	LTG OPN/OFF TRACK		1200		22
23			360	R	REC. RM 166	1	20			•	20	1	L	LTG OPN/OFF TRACK			1200	24
25	180			R	REC. RM 164	1	20	•			20	1	L	LTG OPN/OFF TRACK	900			26
27					SPARE	1	20		•		20	1	L	LTG OPN/OFF TRACK		900		28
29					SPARE	1	20			•	20	1	L	LTG OPN/OFF TRACK			750	30
31					SPARE	1	20	•			20	1	L	LTG OPN/OFF TRACK	900			32
33					SPARE	1	20		•		20	1	L	LTG OFFICE WRKRM		873		34
35					SPARE	1	20			•	20	1	L	LTG OFFICE TRACK			800	36
37					SPARE	1	20	•			20	1						38
39					SPARE	1	20		•		20	1		SPARE				40
41					SPARE	1	20			•	20	1		SPARE				42
	2340	1800	1440		SUB TOTALS										5598	6037	4170	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	7938	7837	5610
NEC ADDER	1292	992	963
FEED THRU LOAD			
TOTAL VA/PH	9230	8829	6573
LINE AMPS	75	74	55
TOTAL KVA LOAD	24.4		
FEEDER AMPS	67.8		

PANEL 2TG1

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2/3 - STORAGE ROOM 049 — MOUNTING SURFACE — A.I.C. MIN. 10,229

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	540			R	REC. RM 048	1	20	•			20	1	M	FC-24A	720			2
3		720		R	REC. RM 048	1	20		•		20	1	M	FC-24B		720		4
5			360	R	REC. RM 049	1	20			•	20	1	M	EF-15			53	6
7	720			R	REC. RM 050	1	20	•			20	1		SPARE				8
9		180		R	REC. RM 051A	1	20		•		20	1		SPARE				10
11			180	R	REC. RM 051	1	20			•	20	1		SPARE				12
13	540			R	REC. RM 052	1	20	•			20	1		SPARE				14
15		540		R	REC. RM 053	1	20		•		20	1		SPARE				16
17			360	R	REC. RM 054	1	20			•	20	1		SPARE				18
19	540			R	REC. RM 055	1	20	•			20	1		SPARE				20
21		540		R	REC. RM 056	1	20		•		20	1		SPARE				22
23			540	R	REC. RM 056	1	20			•	20	1		SPARE				24
25	1160			L	LTG OFFICE AREA	1	20	•			20	1		SPARE				26
27		1160		L	LTG OFFICE AREA	1	20		•		20	1		SPARE				28
29					SPARE	1	20			•	20	1		SPARE				30
31					SPARE	1	20	•			20	1		SPARE				32
33					SPARE	1	20		•		20	1		SPARE				34
35					SPARE	1	20			•	20	1		SPARE				36
37					SPARE	1	20	•					S	PANEL 2TG2	#REF!			38
39					SPARE	1	20		•		100	3	S			#REF!		40
41					SPARE	1	20			•			S				#REF!	42
	3600	3140	1440		SUB TOTALS										#REF!	#REF!	#REF!	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	#REF!	#REF!	#REF!
NEC ADDER	290	290	0
FEED THRU LOAD	#REF!	#REF!	#REF!
TOTAL VA/PH	#REF!	#REF!	#REF!
LINE AMPS	#REF!	#REF!	#REF!
TOTAL KVA LOAD	#REF!		
FEEDER AMPS	#REF!		

PANEL 2AG1

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2 - POOL EQPMNT RM-STOR RM 040 — MOUNTING RECESSED — A.I.C. MIN.20,417

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	800				SEE POOL CONSULTANT'S DRAWINGS FOR EQUIPMENT DESCRIPTION AND CIRCUIT BREAKERS			•						SEE POOL CONSULTANT'S DRAWINGS FOR EQUIPMENT DESCRIPTION AND CIRCUIT BREAKERS	1356			2
3		180							•							1356		4
5			180							•							912	6
7	1200							•							912			8
9		360							•							2244		10
11			180							•							2244	12
13	1600							•			20	1	M	EF-3	225			14
15		1200							•		20	1	M	EF-4		225		16
17			360							•	20	1	M	UH-2			410	18
19	980							•			20	1	M	EF-9D	530			20
21		980							•		20	1	M	F/S DAMPERS		400		22
23					SPARE	1	20			•	20	1		SPARE				24
25					SPARE	1	20	•			20	1		SPARE				26
27					SPARE	1	20		•		20	1		SPARE				28
29					SPARE	1	20			•	20	1		SPARE				30
31					SPARE	1	20	•			20	1		SPARE				32
33					SPARE	1	20		•		20	1		SPARE				34
35					SPARE	1	20			•	20	1		SPARE				36
37					SPARE	1	20	•			20	1		SPARE				38
39					SPARE	1	20		•		20	1		SPARE				40
41					SPARE	1	20			•	20	1		SPARE				42
	4780	2700	720		SUB TOTALS										2723	3925	3566	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	7480	6625	4286
NEC ADDER	0	0	0
FEED THRU LOAD	14020	14646	15472
TOTAL VA/PH	21503	21271	19758
LINE AMPS	179	177	165
TOTAL KVA LOAD	62.5		
FEEDER AMPS	173.4		

PANEL 2R13

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2 - TRANSIT CENTER -CORR. 175 — MOUNTING RECESSED — A.I.C. 10K

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	360			R	REC. RM 175	1	20	•			20	1	M	FC-25	720			2
3		360		R	REC. RM 176	1	20		•		20	1		SPARE				4
5			360	R	REC. RM 176	1	20			•	20	1		SPARE				6
7	180			R	REC. RM 178	1	20	•			20	1		SPARE				8
9		180		R	REC. RM 178	1	20		•		20	1		SPARE				10
11			180	R	REC. RM 179	1	20			•	20	1		SPARE				12
13	180			R	REC. RM 179	1	20	•			20	1		SPARE				14
15		180		R	REC. RM 180	1	20		•		20	1		SPARE				16
17			180	R	REC. RM 180	1	20			•	20	1		SPARE				18
19	1116			L	LTG. RM 178, 180	1	20	•			20	1		SPARE				20
21					SPARE	1	20		•		20	1		SPARE				22
23					SPARE	1	20			•	20	1		SPARE				24
25					SPARE	1	20	•			20	1		SPARE				26
27					SPARE	1	20		•		20	1		SPARE				28
29					SPARE	1	20			•	20	1		SPARE				30
31					SPARE	1	20	•			20	1		SPARE				32
33					SPARE	1	20		•		20	1		SPARE				34
35					SPARE	1	20			•	20	1		SPARE				36
37					SPARE	1	20	•			20	1		SPARE				38
39					SPARE	1	20		•		20	1		SPARE				40
41					SPARE	1	20			•	20	1		SPARE				42
	1836	720	720		SUB TOTALS										720	0	0	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	2556	720	720
NEC ADDER	279	0	0
FEED THRU LOAD			
TOTAL VA/PH	2835	720	720
LINE AMPS	23	6	6
TOTAL KVA LOAD	4.3		
FEEDER AMPS	11.9		

PANEL 2TG2

208 Y/ 120 VOLT 3PH 4 WIRE — 225 AMPERE MAIN CB : 225 AMPERE BUS
LOCATION BUILDING S2/3 - COMPUTER ROOM 057 — MOUNTING SURFACE — A.I.C. 10K

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	952			L	LTG. COMPUTER ROOM	1	20	•			20	1	R	REC. COMPUTER RM	360			2
3		360		R	REC. RM 053	1	20		•		20	1	R	REC. COMPUTER RM		360		4
5			360	R	REC. RM 048	1	20			•	20	1	R	REC. COMPUTER RM			360	6
7	900			E	SECURITY CAMERAS	1	20	•			20	1	R	REC. COMPUTER RM	360			8
9		870		M	EF-18B	1	20		•		20	1	R	REC. COMPUTER RM		360		10
11					SPARE	1	20			•	20	1	R	REC. COMPUTER RM			360	12
13					SPARE	1	20	•			20	1	R	REC. COMPUTER RM	360			14
15					SPARE	1	20		•		20	1	R	REC. COMPUTER RM		360		16
17					SPARE	1	20			•	20	1	R	REC. COMPUTER RM			360	18
19					SPARE	1	20	•			30	1	E	REC. TELECOM RACK	2880			20
21					SPARE	1	20		•		30	1	E	REC. TELECOM RACK (1)		2880		22
23					SPARE	1	20			•	30	1	E	REC. TELECOM RACK (1)			2880	24
25					BUSSED SPACE			•			30	1	E	REC. TELECOM RACK (1)	2880			26
27					BUSSED SPACE				•		30	1	E	REC. TELECOM RACK (1)		2880		28
29					BUSSED SPACE					•	30	1	E	REC. TELECOM RACK (1)			2880	30
31					BUSSED SPACE			•						BUSSED SPACE				32
33					BUSSED SPACE				•					BUSSED SPACE				34
35					BUSSED SPACE					•				BUSSED SPACE				36
37					BUSSED SPACE			•						BUSSED SPACE				38
39					BUSSED SPACE				•					BUSSED SPACE				40
41					BUSSED SPACE					•				BUSSED SPACE				42
	1852	1230	360		SUB TOTALS										6840	6840	6840	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES: (1) CIRCUIT [illegible] 3#8, #10GRD, 3/4"C.

	LINE A	LINE B	LINE C
LINE TOTALS	8392	8075	7200
NEC ADDER	238	0	0
FEED THRU LOAD			
TOTAL VA/PH	8633	8073	7200
LINE AMPS	72	67	60
TOTAL KVA LOAD	23.9		
FEEDER AMPS	66.3		

PANEL 2A11

208 Y/ 120 VOLT 3PH 4 WIRE — 200 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2 - FITNESS AREA-STORAGE 143 — MOUNTING RECESSED — A.I.C. MIN.14,865

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
1	720			R	REC. RM 142	1	20	•			20	1	E	F.S DAMPERS	300			2
3		540		R	REC. RM 140A, 141, 143	1	20		•		20	1	M	FC-12		1200		4
5			720	R	REC. RM 140	1	20			•	20	1	M	FC-13			1200	6
7	540			R	REC. RM 140	1	20	•			20	1	M	FC-14	1200			8
9		360		R	REC. RM 140, 147	1	20		•		20	1	M	FC-15		1200		10
11			360	R	REC. RM 144	1	20			•	20	1	M	FC-16			1200	12
13	360			R	REC. RM 144	1	20	•			20	1	M	EF-7	875			14
15		1200		R	REC. RM 144	1	20		•		20	1	M	CUH-2S		530		16
17			1200	R	REC. RM 144	1	20			•	20	1	L	LTG FITNESS			1365	18
19	1200			R	REC. RM 144	1	20	•			20	1	L	LTG. INT/EXT POOL DECK	913			20
21		1200		R	REC. RM 144	1	20		•		20	1	L	LTG. FITNSS HALL		700		22
23			1200	R	REC. RM 144	1	20			•	20	1	L	LTG. MENS RSTROOM			1089	24
25	1200			R	REC. RM 144	1	20	•			20	1	L	LTG. WMNS RSTROOM	1325			26
27		360		R	REC. RM 146, 148	1	20		•		20	1	L	LTG. LOBBY		1360		28
29			180	R	REC. RM 148	1	20			•	20	1	L	LTG. LOBBY			1300	30
31	180			R	REC. RM 148	1	20	•			20	1	L	LTG. STRGE/OFFCE	298			32
33		180		R	REC. RM 146	1	20		•					SAUNA		4803		34
35			180	R	REC. RM 146	1	20			•	90	3		--			4803	36
37	360			R	REC. POOL DECK	1	20	•						--	4803			38
39		360		R	REC. POOL DECK	1	20		•		20	1	E	EWC-1		575		40
41			180	R	REC. EXTERIOR	1	20			•	20	1		SPARE				42
	4560	4200	4020		SUB TOTALS										9399	10383	10852	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: A. PROVIDE PANEL WITH FEED-THRU LUGS. — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	13959	14583	14872
NEC ADDER	61	63	300
FEED THRU LOAD	0	0	0
TOTAL VA/PH	14020	14646	15472
LINE AMPS	117	122	129
TOTAL KVA LOAD	44.1		
FEEDER AMPS	122.5		

PANEL 2A11

208 Y/ 120 VOLT 3PH 4 WIRE — 200 AMPERE MAIN LO : 225 AMPERE BUS
LOCATION BUILDING S2 - FITNESS AREA-STORAGE 143 — MOUNTING RECESSED — A.I.C. MIN.14,865

CIRCUIT NUMBER	LINE A	LINE B	LINE C	CIRCUIT TYPE	LOAD DESCRIPTION	POLE	TRIP	BUS A	BUS B	BUS C	TRIP	POLE	CIRCUIT TYPE	LOAD DESCRIPTION	LINE A	LINE B	LINE C	CIRCUIT NUMBER
43					SPARE	1	20	•						BUSSED SPACE				44
45					SPARE	1	20		•					BUSSED SPACE				46
47					SPARE	1	20			•				BUSSED SPACE				48
49					SPARE	1	20	•						BUSSED SPACE				50
51					SPARE	1	20		•					BUSSED SPACE				52
53					SPARE	1	20			•				BUSSED SPACE				54
55					BUSSED SPACE			•						BUSSED SPACE				56
57					BUSSED SPACE				•					BUSSED SPACE				58
59					BUSSED SPACE					•				BUSSED SPACE				60
61					BUSSED SPACE			•						BUSSED SPACE				62
63					BUSSED SPACE				•					BUSSED SPACE				64
65					BUSSED SPACE					•				BUSSED SPACE				66
67					BUSSED SPACE			•						BUSSED SPACE				68
69					BUSSED SPACE				•					BUSSED SPACE				70
71					BUSSED SPACE					•				BUSSED SPACE				72
73					BUSSED SPACE			•						BUSSED SPACE				74
75					BUSSED SPACE				•					BUSSED SPACE				76
77					BUSSED SPACE					•				BUSSED SPACE				78
79					BUSSED SPACE			•						BUSSED SPACE				80
81					BUSSED SPACE				•					BUSSED SPACE				82
83					BUSSED SPACE					•				BUSSED SPACE				84
	0	0	0		SUB TOTALS										0	0	0	

CIRCUIT TYPE DESCRIPTION: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, A=APPLIANCE, S=SUBFEED PANEL
NOTES: — SPECIFIC NOTES:

	LINE A	LINE B	LINE C
LINE TOTALS	0	0	0
NEC ADDER	0	0	0
FEED THRU LOAD			
TOTAL VA/PH	0	0	0
LINE AMPS	0	0	0
TOTAL KVA LOAD	0.0		

Transit Panel

BEAUDIN GANZE
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Project No. 8087.00

CRESTED BUTTE MOUNTAIN RESORT COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
⚠1 BSA ADDENDUM #12 12/15/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PANEL SCHEDULES: RETAIL SERVICE

DRAWN BY: JAC
CHECKED BY: BGR

SHEET E8.04

GENERAL NOTES:

1. THESE DRAWING NOTES ACCOMPANY THE PUBLISHED CONSTRUCTION DOCUMENT SPECIFICATION BOOK (PROJECT MANUAL).
2. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
3. SUBCONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL UTILITY SERVICES AND COORDINATE AS REQUIRED BY EITHER RESPECTIVE AREA OF THE CONSTRUCTION INDUSTRY, NOTIFYING THE PRIME CONTRACTOR OF VARIATIONS OR CONFLICTS.
4. IF NOT SPECIFICALLY DEFINED IN THESE CONSTRUCTION DOCUMENTS, MATERIALS AND/OR EQUIPMENT SHALL BE IDENTIFIED BY THE SUBCONTRACTOR WITHIN A REASONABLE TIME TO ALLOW SELECTION, PURCHASE, AND DELIVERY SO AS TO PREVENT DELAY ON THE JOB SCHEDULE.
5. OFFSET PIPING, DUCTWORK, ETC. AS NECESSARY TO ACCOMMODATE STRUCTURE, BEAMS, COLUMNS, AND EXISTING EQUIPMENT.
6. WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER TO THE SATISFACTION OF THE ARCHITECT.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM HIS/HER WORK IN CONFORMANCE WITH ALL APPLICABLE CODES, ORDINANCES AND LIFE SAFETY FEATURES AS REQUIRED BY LOCAL, STATE, OR NATIONAL AUTHORITIES. THE CONTRACTOR SHALL VERIFY WITH THE ARCHITECT IF MODIFICATION OF HIS/HER WORK IS REQUIRED FOR COMPLIANCE.
8. ALL WORK OF ALL TRADES MUST BE IN STRICT COMPLIANCE, OR EXCEED THE MINIMUM MATERIAL AND METHOD REQUIREMENTS OF THE 1997 BUILDING, MECHANICAL, PLUMBING, FIRE AND 1999 NATIONAL ELECTRICAL CODES, NFPA, AND ALL LOCAL ORDINANCES AND AMENDMENTS AND MANUFACTURER'S INSTALLATION RECOMMENDATIONS. IF A CONFLICT BETWEEN THOSE PUBLICATIONS EXIST, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
9. PAY FOR AND SECURE ALL REQUIRED PERMITS AND INSPECTIONS. PRIOR TO FINAL PAYMENT, TURN OVER TO ARCHITECT ALL CERTIFICATES OF COMPLETION.
10. ALL MATERIALS AND/OR EQUIPMENT SHALL BE HANDLED AND INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
11. PROVIDE NECESSARY TRENCHING, BACKFILL, EXCAVATION, SUPPORTS, SAWCUTTING AND PATCHING, CONCRETE/PAVING, ETC., AS REQUIRED. BACKFILL TRENCHES IN 6" LAYERS AND TO 95% COMPACTION AND PATCH TO MATCH EXISTING GRADE.
12. REPAIR ALL ACCIDENTAL OR INTENTIONAL DAMAGE TO MATCH EXISTING CONSTRUCTION WITH NO NOTICEABLE DIFFERENCE IN CONTINUITY, APPEARANCE OR FUNCTION.
13. TEMPORARY HEAT WILL BE FURNISHED BY THE GENERAL CONTRACTOR. USE OF THE PERMANENT HEATING SYSTEM WILL NOT BE ALLOWED.
14. PROVIDE 4" HIGH CONCRETE EQUIPMENT PADS BENEATH FLOOR MOUNTED MECHANICAL EQUIPMENT, IN ADDITION TO ANY BASE ASSEMBLIES REQUIRED BY MANUFACTURER.
15. ALL FLOOR DRAINS CONNECTED TO THE SEWER SYSTEM SHALL BE EQUIPPED WITH TRAP PRIMERS. PROVIDE TRAP PRIMERS WITH BACKFLOW PREVENTERS AND CONNECT TO THE NEAREST COLD WATER PIPING ADJACENT TO A PLUMBING FIXTURE. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
16. COORDINATE ARCHITECTURAL, STRUCTURAL, MECHANICAL, FIRE PROTECTION, ELECTRICAL, LANDSCAPING, AND INTERIOR DESIGN DRAWINGS PRIOR TO INSTALLATION.
17. CAREFULLY VERIFY ELECTRICAL SERVICE VOLTAGE AND PHASE AVAILABLE.
18. PROVIDE SHOCK ARRESTERS AT ALL DOMESTIC HOT AND COLD WATER BRANCHES SERVING FIXTURES AND EQUIPMENT WITH QUICK CLOSING VALVES. SUCH FIXTURES AND EQUIPMENT INCLUDES FLUSH VALVE WATER CLOSETS, DISHWASHERS, ICE MACHINES, AND CLOTHES WASHERS. SHOCK ARRESTERS SHALL BE CONSTRUCTED WITH A PISTON IN A SEALED COPPER TUBE CHAMBER, AND APPROVED FOR INSTALLATION WITHIN WALLS WITHOUT ACCESS PANELS. SIOUX CHIEF OR EQUIVALENT. BELLOWS TYPE NOT ACCEPTABLE.
19. DRAWINGS SHOWING EQUIPMENT, PIPING, DUCTWORK, ETC. ABOVE THE GARAGE SLAB LEVEL ARE FOR REFERRENCE ONLY. THESE DRAWINGS ARE NOT FOR CONSTRUCTION.
20. THERMOSTATS MOUNTED AT 4'-0" A.F.F. U.N.O. COORDINATE EXACT LOCATION WITH I.D. AND ARCHITECT.
21. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS AND SIZES OF ACCESS PANELS SHOWN ON MECHANICAL DRAWINGS TO ACCOMODATE SERVICE ACCESS TO ALL PIECES OF EQUIPMENT. LOCATIONS SHOWN ARE DIAGRAMATIC AND SPECIFIC TO THE MANUFACTURER SHOWN ON DRAWINGS. FIELD COORDENATION WITH ALL TRADES IS REQUIRED.

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MECHANICAL SHEET INDEX

#	TITLE	PROCESS SET	COLUMBINE PERMIT SET	PROCESS SET	KIMP PROCESS SET	METHOD SET	PERMIT SET	PROCESS SET	DOCUMENTS	PROCESS SET	100% CD
M1.0	MECHANICAL COVER SHEET	√	√	√	√	√	√	√			
M1.1	MECHANICAL SCHEDULES	√		√	√	√	√	√			
M1.2	MECHANICAL SCHEDULES	√	*		√	√	√	√			
M1.3	MECHANICAL SCHEDULES				√	√	√	√			
M1.4	SEQUENCE OF CONTROL AND METERING SCHEMATIC			√	√	√	√	√			
M1.5	MECHANICAL SITE PLAN						√	√			
M2.002	BUILDING S-1 GARAGE UNDERGROUND MECHANICAL PLAN			√	√	√	√	√			
M2.003	BUILDING S-1 GARAGE UNDERGROUND MECHANICAL PLAN			√	√	√	√	√			
M2.004	BUILDING S-2/S-3 GARAGE UNDERGROUND MECHANICAL PLAN			√	√	√	√	√			
M2.005	BUILDING S-2/S-3 GARAGE UNDERGROUND MECHANICAL PLAN			√	√	√	√	√			
M2.02	BUILDING S-1 GARAGE MECHANICAL PLAN	√	*	√	√	√	√	√			
M2.03	BUILDING S-1 GARAGE MECHANICAL PLAN	√	*	√	√	√	√	√			
M2.04	BUILDING S-2/S-3 GARAGE MECHANICAL PLAN	√	*	√	√	√	√	√			
M2.05	BUILDING S-2/S-3 GARAGE MECHANICAL PLAN	√	*	√	√	√	√	√			
M2.11A	BUILDING S-1 PLAZA MECHANICAL HVAC PLAN	√		√	√	√	√	√			
M2.11B	BUILDING S-1 PLAZA MECHANICAL PIPING PLAN			√	√	√	√	√			
M2.12	BUILDING S-1 2ND LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.13	BUILDING S-1 3RD LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.14	BUILDING S-1 4TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.15	BUILDING S-1 5TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.16	BUILDING S-1 ROOF LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.21A	BUILDING S-2/S-3 PLAZA MECHANICAL HVAC PLAN			√	√	√	√	√			
M2.21B	BUILDING S-2/S-3 PLAZA MECHANICAL HVAC PLAN			√	√	√	√	√			
M2.21C	BUILDING S-2/S-3 PLAZA MECHANICAL PIPING PLAN	√		√	√	√	√	√			
M2.21D	BUILDING S-2/S-3 PLAZA MECHANICAL PIPING PLAN	√		√	√	√	√	√			
M2.22A	BUILDING S-2/S-3 2ND LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.22B	BUILDING S-2/S-3 2ND LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.23A	BUILDING S-2/S-3 3RD LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.23B	BUILDING S-2/S-3 3RD LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.24A	BUILDING S-2/S-3 4TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.24B	BUILDING S-2/S-3 4TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.25A	BUILDING S-2/S-3 5TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.25B	BUILDING S-2/S-3 5TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.26A	BUILDING S-2/S-3 6TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.26B	BUILDING S-2/S-3 6TH LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.27A	BUILDING S-2/S-3 ROOF LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M2.27B	BUILDING S-2/S-3 ROOF LEVEL MECHANICAL PLAN	√		√	√	√	√	√			
M4.11	UNIT MECHANICAL PLANS	√		√	√	√	√	√			
M4.12	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.13	NOT USED	√		√	√	√					
M4.14	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.15	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.16	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.17	UNIT MECHANICAL PLANS						√	√			
M4.21	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.22	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.23	UNIT MECHANICAL PLANS	√		√	√	√	√	√			
M4.24	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.25	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.26	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.27	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.28	UNIT MECHANICAL PLANS			√	√	√	√	√			
M4.29	UNIT MECHANICAL PLANS				√	√	√	√			
M4.30	UNIT MECHANICAL PLANS				√	√	√	√			
M4.31	UNIT MECHANICAL PLANS				√	√	√	√			
M4.32	UNIT MECHANICAL PLANS							√			
M5.1	PLUMBING DIAGRAMS	√	√	√	√	√	√	√			
M5.2	MECHANICAL DIAGRAMS	√		√	√	√	√	√			
M5.3	MECHANICAL DIAGRAMS	√		√	√	√	√	√			
M5.4	BOILER PIPING SCHEMATIC	√		√	√	√	√	√			
M5.5	CHILLED WATER PIPING SCHEMATIC	√		√	√	√	√	√			
M5.6	ENLARGED BOILER ROOM PLAN	√	*	√	√	√	√	√			
M5.7	ENLARGED KITCHEN PLANS			√	√	√	√	√			
M6.0	FIRE PROTECTION RISER	√	*	√	√	√	√	√			
M7.0	HVAC RISERS							√			
M7.1	HVAC RISERS				√	√	√	√			
M7.1	HVAC RISERS				√	√	√	√			
M7.2	PLUMBING RISERS				√	√	√	√			
M7.3	PLUMBING RISERS					√	√	√			
M7.4	PLUMBING RISERS						√	√			
M7.5	PLUMBING RISERS						√	√			
M7.6	WASTE AND VENT ISOMETRICS						√	√			
M7.7	SOVENT ISOMETRICS						√	√			
M7.8	SOVENT ISOMETRICS						√	√			
M7.9	SOVENT ISOMETRICS						√	√			
M7.10	SOVENT ISOMETRICS						√	√			
M7.11	SOVENT ISOMETRICS						√	√			

ISSUE LOG KEY:
'√' ISSUED AS PART OF A SET
' ' NOT PART OF SET
'*' ISSUED FOR INFORMATION ONLY

ISSUE LOG DATE: 05/16/05, 06/01/05, 08/12/05, 09/01/05, 10/17/05, 11/15/05, 12/28/05, 1/23/06

MECHANICAL LEGEND

NOTE: ALL SYMBOLS SHOWN ON LEGEND ARE NOT NECESSARILY USED.

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFG	BELOW FINISHED GRADE
BOP	BOTTOM OF PIPE FROM FINISHED FLOOR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CONN	CONNECT
CO'D	CLEAN OUT TO GRADE
DN	DOWN
(E)	EXISTING
EAT	ENTERING AIR TEMPERATURE
EXH	EXHAUST
ENT	ENTERING WATER TEMPERATURE
FBO	FURNISHED BY OWNER
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
NIC	NOT IN CONTRACT
OBD	OPPOSED BLADE VOLUME DAMPER
O.C.	ON CENTER
OSA	OUTSIDE AIR
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
SMS	SNOWMELT SUPPLY
SMR	SNOWMELT RETURN
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
RMS	RADIANT MANIFOLD SUPPLY
RMR	RADIANT MANIFOLD RETURN
CS	CONDENSER SUPPLY
CR	CONDENSER RETURN
G	NATURAL GAS
MG	MEDIUM PRESSURE NATURAL GAS
D	DRAIN PIPE
HPS	HIGH PRESSURE STEAM SUPPLY
HPR	HIGH PRESSURE STEAM RETURN
LPS	LOW PRESSURE STEAM SUPPLY
LPR	LOW PRESSURE STEAM RETURN
PC	PUMPED CONDENSATE
FOV	FUEL OIL VENT
FOF	FUEL OIL FILL
GF	GLYCOL FEED
RS	REFRIGERANT SUCTION
RL	REFRIGERANT LIQUID
RD	REFRIGERANT DISCHARGE
	DOMESTIC COLD WATER
RO	REVERSE OSMOSIS WATER
	DOMESTIC HOT WATER
140°	DOMESTIC HOT WATER (TEMP. SHOWN)
	HOT WATER CIRCULATING
F	FIRE LINE
PW	PRESSURIZED WASTE
V	PLUMBING VENT PIPE
CV	CHEMICAL VENT PIPE
W	WASTE PIPE
GW	GREASE WASTE PIPE
CW	CHEMICAL WASTE PIPE
S	SANITARY SEWER PIPE
ST	STORM DRAIN PIPE
ST(OF)	STORM DRAIN OVERFLOW PIPE
VAC	VACUUM PIPE
CA	COMPRESSED AIR PIPE
MA	MEDICAL AIR PIPE
O	OXYGEN PIPE
N	NITROGEN PIPE
N2O	NITROUS OXIDE PIPE
	VENTURI/FLOW INDICATER
	BUTTERFLY VALVE
	SHUT OFF VALVE (BALL, GATE, BUTTERFLY)
	GLOBE VALVE
	CHECK VALVE
	FLOW CONTROL VALVE
	BALL VALVE
	PLUG OR BALANCING VALVE
	CIRCUIT SETTER VALVE
	PLUG VALVE IN RISER
	GATE OR GLOBE VALVE IN RISER
	DRAIN VALVE W/ HOSE END
	TEMPERATURE CONTROL VALVE
	PRESSURE REDUCING VALVE
	SOLENOID VALVE
	PUMP & EQUIPMENT CONNECTOR
	PIPE UNION
	DOUBLE CHECK BACKFLOW PREVENTER
	STEAM TRAP
	FT-FLOAT & THERMOSTATIC
	TD-THERMODYNAMIC
	IB-INVERTED BUCKET
	PIPE ANCHOR
	PIPE EXPANSION JOINT
	FLEXIBLE CONNECTOR
	SAFETY RELIEF VALVE
	AIR VENT
	PRESSURE - TEMP. TAP
	PRESSURE GAUGE W/ PIG TAIL & COCK
	THERMOMETER
	THERMOSTAT
	VACUUM BREAKER
	HORIZONTAL CLEANOUT
	VERTICAL CLEANOUT
	FLOOR DRAIN
	FLOOR SINK
	DRAIN ABOVE
F/S	FIRE/SMOKE DAMPER
	FIRE DAMPER
	EXHAUST FAN ON ROOF W/ DUCT THRU ROOF.
	POINT OF DISCONNECTION
	POINT OF NEW CONNECTION
FA	FIRE ALARM HORN/STROBE
	STRAINER W/ BLOW-OFF VALVE
	SHOCK ABSORBER
H.B. W.H.	HOSE BIBB / WALL HYDRANT
	FLOW SWITCH
	SMOKE DETECTOR
	TEMPERATURE CONTROLLER
	ACCESS PANEL
SDN	SUPPLY DUCT DOWN
RDN	RETURN/EXHAUST DUCT DOWN
	TURNING VANES SHOWN IN 90° ELBOW.
	SINGLE BLADE DAMPER (S.B.D.), MOTORIZED DAMPER. OPPOSED BLADE DAMPER (O.B.D.)
	AIR EXTRACTOR
24X12	DUCT SIZES ARE OUTSIDE SHEET METAL DIMENSIONS. 1ST NO. IS SIZE OF SURFACE SHOWN. 2ND NO. IS DUCT DEPTH.
FROM BELOW	SUPPLY REGISTER
FROM ABOVE	RETURN AIR OR EXHAUST AIR REGISTER.
	SUPPLY DIFFUSER; ARROWS INDICATE DIRECTION OF THROW.
	DOOR GRILLE
	SECTION THRU SUPPLY AIR DUCT.
	SECTION THRU OUTSIDE AIR INTAKE, RETURN AIR OR EXHAUST DUCT.
	(A) SECTION CUT LETTER. (B) SHEET SHOWN ON.
	PLUMBING RISER
	HEATING/CHILLED WATER RISER
	FIRE RISER

FIXTURE CONNECTION SCHEDULE

FIXTURE	HW	CW	WASTE	VENT
WATER CLOSET (FLUSH VALVE)	–	1"	4"	2"
WATER CLOSET (FLUSH TANK)	–	½"	4"	2"
URINAL (WASHDOWN)	–	¾"	2"	1½"
LAVATORY	½"	½"	1½"	1½"
SERVICE SINK	½"	½"	3"	2"
MOP SERVICE BASIN	½"	½"	3"	2"
DRINKING FOUNTAIN / E.W.C.	–	½"	1½"	1½"
KITCHEN SINK W/ DISPOSER	½"	½"	2"	1½"
BATHTUB / SHOWER	¾"	¾"	2"	1½"
CLOTHES WASHER ROUGH-IN	½"	½"	2"	1½"
DISHWASHER ROUGH-IN	½"	–	2"	1½"
BAR SINK	½"	½"	1½"	1½"

SIZES SHOWN ARE MINIMUM PIPE SIZES TO A SINGLE FIXTURE.
MINIMUM PIPE SIZE TO 2 OR MORE FIXTURES IS 3/4".
ALL FIXTURES LISTED ARE NOT NECESSARILY USED ON THIS PROJECT.

SINGLE LINE DUCT LEGEND

SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE	SINGLE LINE	DOUBLE LINE
45° TEE (ROUND)		90° TEE (ROUND)	CONICAL TEE	45° RADIUS ELL		CONICAL SPIN IN	VOLUME DAMPER
45° TEE (RECTANGULAR)		90° TEE (RECTANGULAR)	SIDE DUCT TAKE-OFF DIAGRAM	MANUAL VOLUME DAMPER D DUCT DROP SYMBOL		FLEX DUCT	RIGID FLEX
DUCT SPLIT		90° RADIUS ELL		REDUCER R DUCT RISE SYMBOL		90° ELL	

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Project No: 0507.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
⚠1 BSA ADDENDUM #12 12/28/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

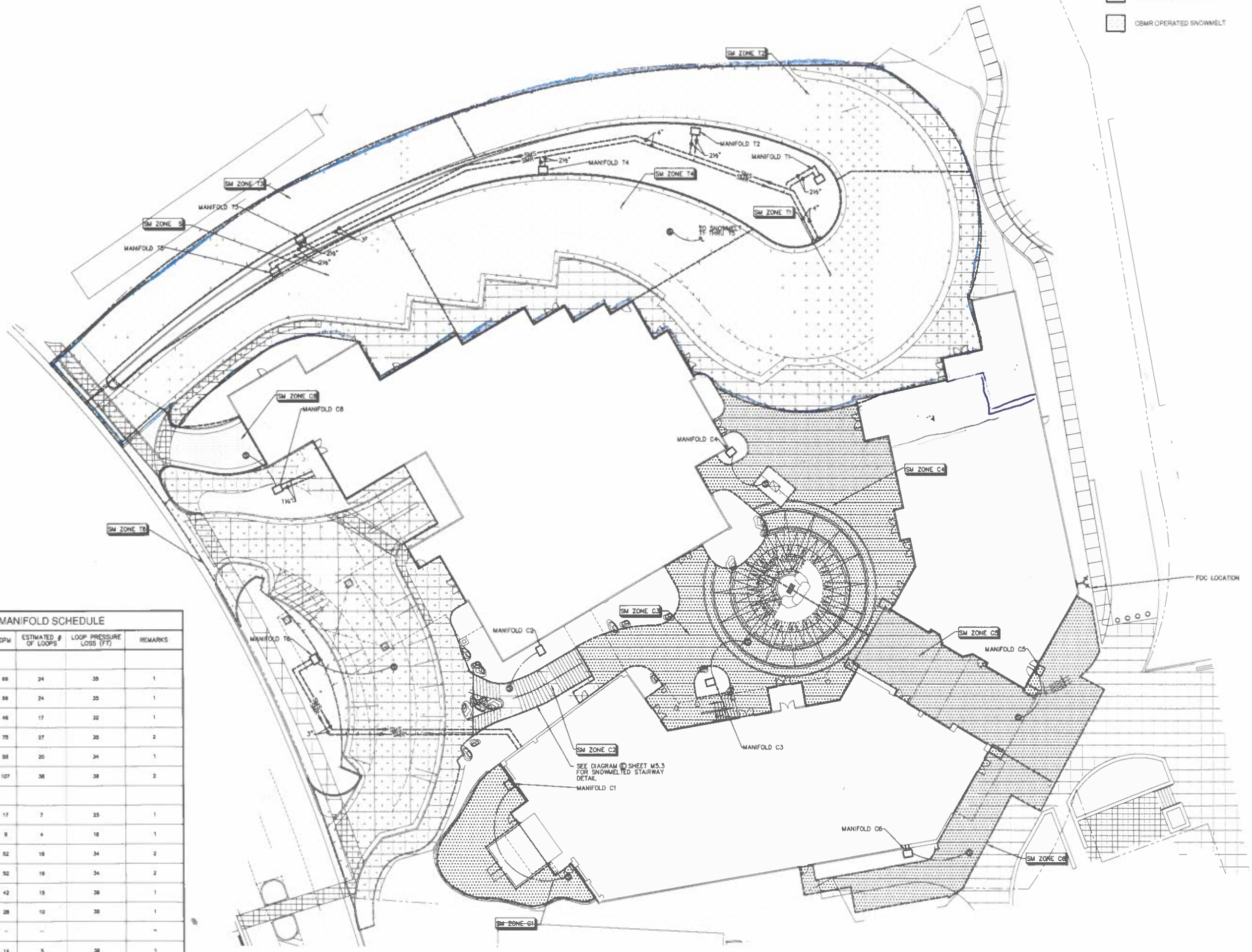
SHEET TITLE:
MECHANICAL COVER SHEET

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M1.0

LEGEND

- TOWN OPERATED SNOWMELT
- CBMR OPERATED SNOWMELT



SNOWMELT MANIFOLD SCHEDULE

PTION	AREA (SQ. FT.)	GPM	ESTIMATED # OF LOOPS	LOOP PRESSURE LOSS (FT)	REMARKS
.OOP	5797	86	24	35	1
.OOP	5768	86	24	35	1
.OOP	4015	46	17	32	1
.OOP	6571	75	27	35	2
.OOP	4800	58	20	34	1
OCHERE	8571	107	36	38	2
DECK	1515	17	7	25	1
NWAY	752	9	4	18	1
IZA	4585	52	19	34	2
IZA	4358	52	19	34	2
IZA	3705	42	15	36	1
IZA	2445	28	10	35	1
USED	–	–	–		"
R ENTRANCE	1233	14	5	38	1
BRIDGE	300	6	2	38	SEE SHEETS M3.14 AND M3.14A FOR LOCATION 1

5/8" DIA. PEX TUBING @ 10" O.C., 30'
IAL AVERAGE TEMP OF 95'F, 50%

MECHANICAL SITE PLAN
SCALE: 1" = 20'-0"

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Consulting Engineers, Inc.

Project No. 0507.03

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

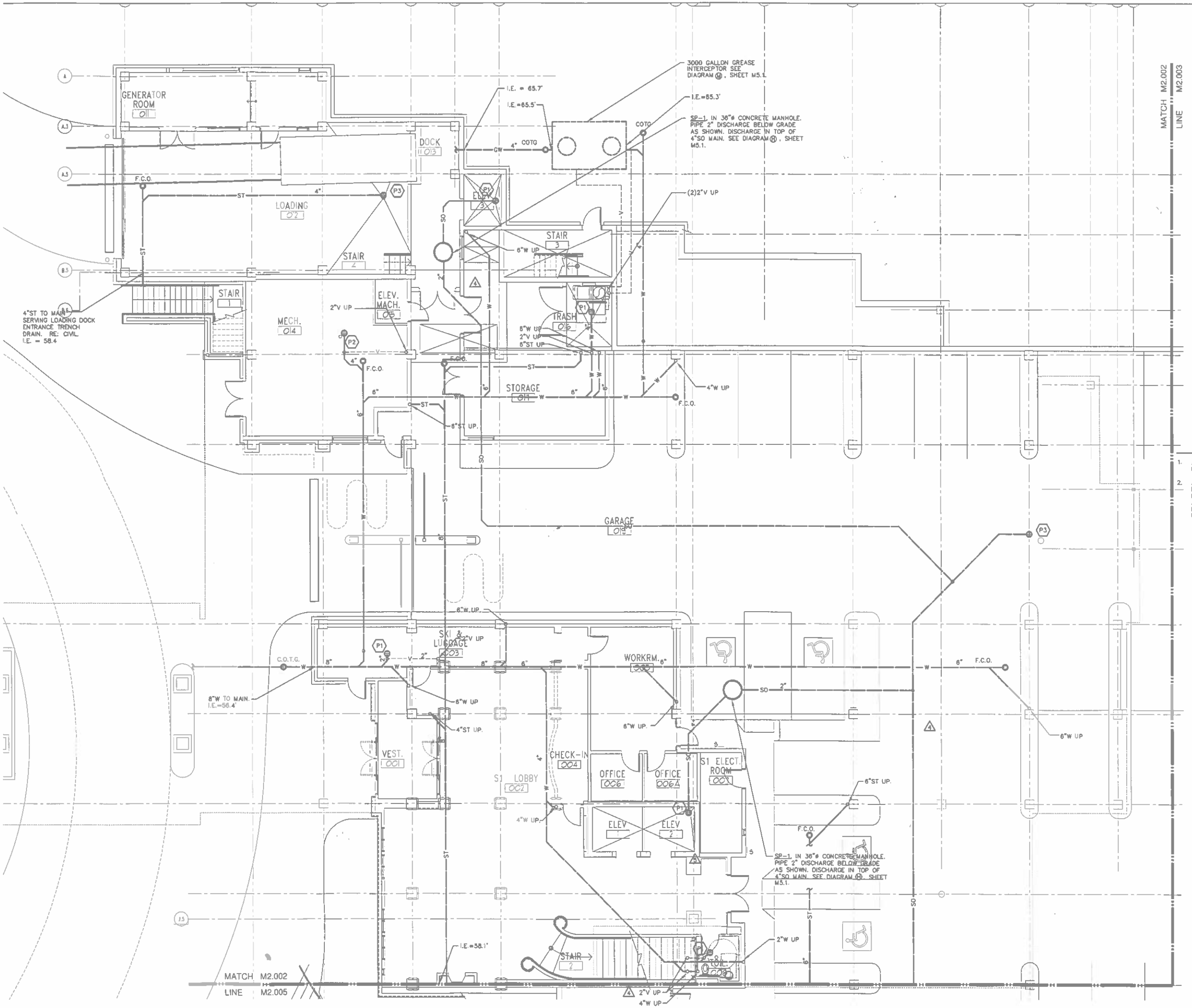
REVISIONS:

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
MECHANICAL SITE PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M1.5



BUILDING S-1 UNDERGROUND MECHANICAL PLAN

NOTES:

1. ALL SAND AND OIL WASTE LINES TO BE 4" U.N.O.
2. ALL STORM AND WASTE PIPING DROPPING DOWN FROM THE CEILING LEVEL AND PENETRATING THE GARAGE SLAB SHALL HAVE A CLEANOUT LOCATED IN THE VERTICAL PIPE BEFORE PENETRATING THE GARAGE SLAB, U.N.O.

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Project No: 03057.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
1. BSA ADDENDUM #2 6/16/05
2. BSA ADDENDUM #3 6/20/05
3. BSA ADDENDUM #8 9/07/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S-1 UNDERGROUND MECHANICAL PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M2.002

NOTES:

1. ALL SAND AND OIL WASTE LINES TO BE 4" U.N.O.
2. ALL STORM AND WASTE PIPING DROPPING DOWN FROM THE CEILING LEVEL AND PENETRATING THE GARAGE SLAB SHALL HAVE A CLEANOUT LOCATED IN THE VERTICAL PIPE BEFORE PENETRATING THE GARAGE SLAB, U.N.O.

1 PARTIAL MECHANICAL GARAGE PLAN

2 AIR HANDLING UNIT ROOM HVAC PLAN
SCALE: 1/8" = 1'-0"

NOTES:

1. ALL STORM AND WASTE PIPING DROPPING DOWN FROM THE CEILING LEVEL AND PENETRATING THE GARAGE SLAB SHALL HAVE A CLEANOUT LOCATED IN THE VERTICAL PIPE BEFORE PENETRATING THE GARAGE SLAB, U.N.O.
2. SEE DIAGRAM (C) SHEET M5.2 FOR UNIT HEATER AND CABINET UNIT HEATER PIPING AND INSTALLATION
3. SEE DIAGRAM (C) SHEET 5.1 FOR CLEANOUT DIAGRAMS.
4. SEE DIAGRAM (X) SHEET M5.2 FOR TYPICAL PIPE HANGER DIAGRAM.
5. SEE DIAGRAM (H) SHEET M5.3 FOR TYPICAL FAN COIL UNIT INSTALLATION.
6. SEE DIAGRAM (I) SHEET M5.3 FOR TYPICAL LOUVER INSTALLATION.

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Project No: 05057.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

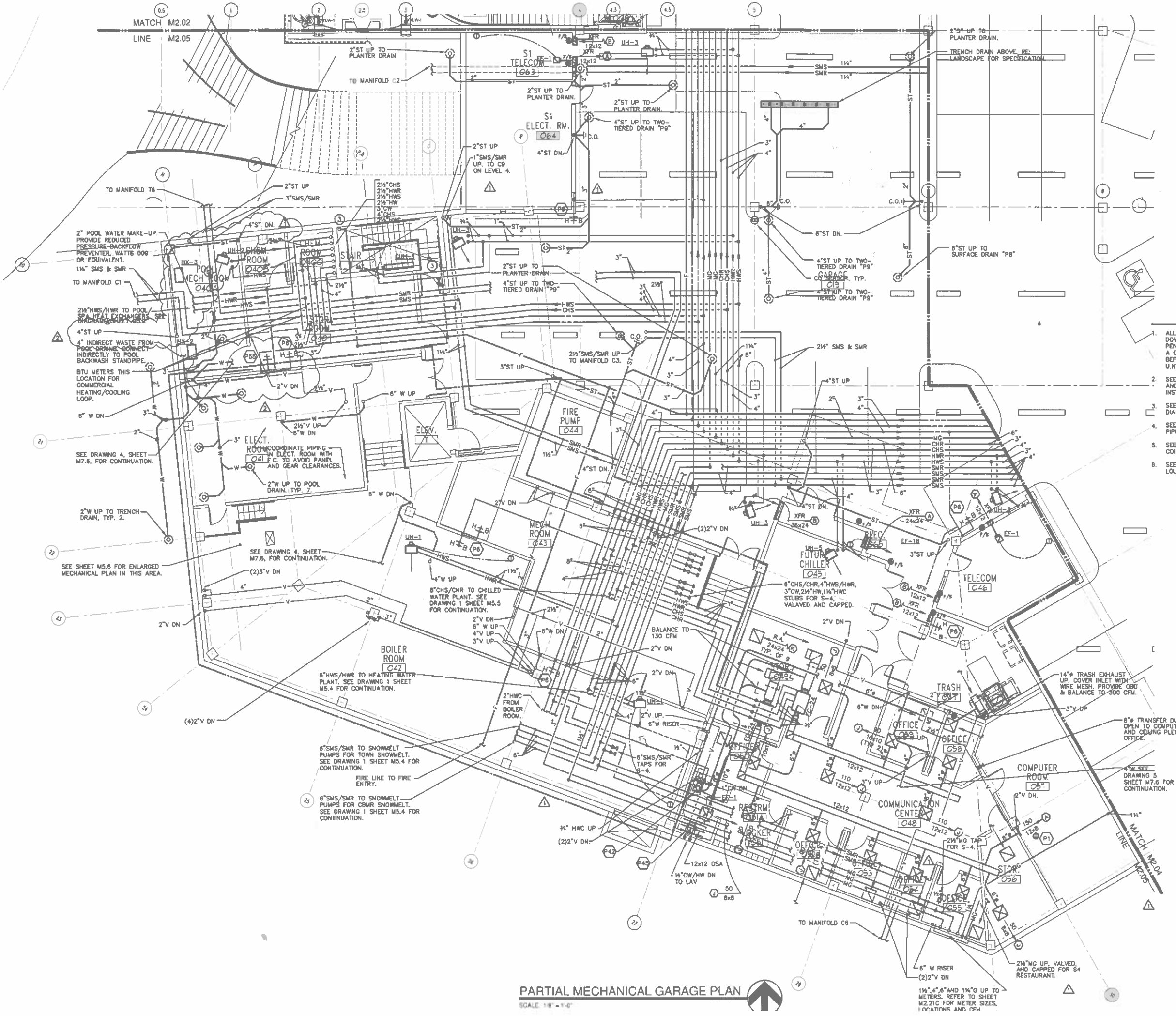
REVISIONS:
1 BSA ADDENDUM #12 12/28/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PARTIAL MECHANICAL GARAGE PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M2.02



PARTIAL MECHANICAL GARAGE PLAN

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

NOTES:

1. ALL STORM AND WASTE PIPING DROPPING DOWN FROM THE CEILING LEVEL AND PENETRATING THE GARAGE SLAB SHALL HAVE A CLEANOUT LOCATED IN THE VERTICAL PIPE BEFORE PENETRATING THE GARAGE SLAB, U.N.O.
2. SEE DIAGRAM Ⓒ SHEET M5.2 FOR UNIT HEATER AND CABINET UNIT HEATER PIPING AND INSTALLATION
3. SEE DIAGRAM Ⓒ SHEET 5.1 FOR CLEANOUT DIAGRAMS.
4. SEE DIAGRAM Ⓜ SHEET M5.2 FOR TYPICAL PIPE HANGER DIAGRAM.
5. SEE DIAGRAM Ⓗ SHEET M5.3 FOR TYPICAL FAN COIL UNIT INSTALLATION.
6. SEE DIAGRAM Ⓛ SHEET M5.3 FOR TYPICAL LOUVER INSTALLATION.

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Project No. 6057.00

CRESTED BUTTE MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

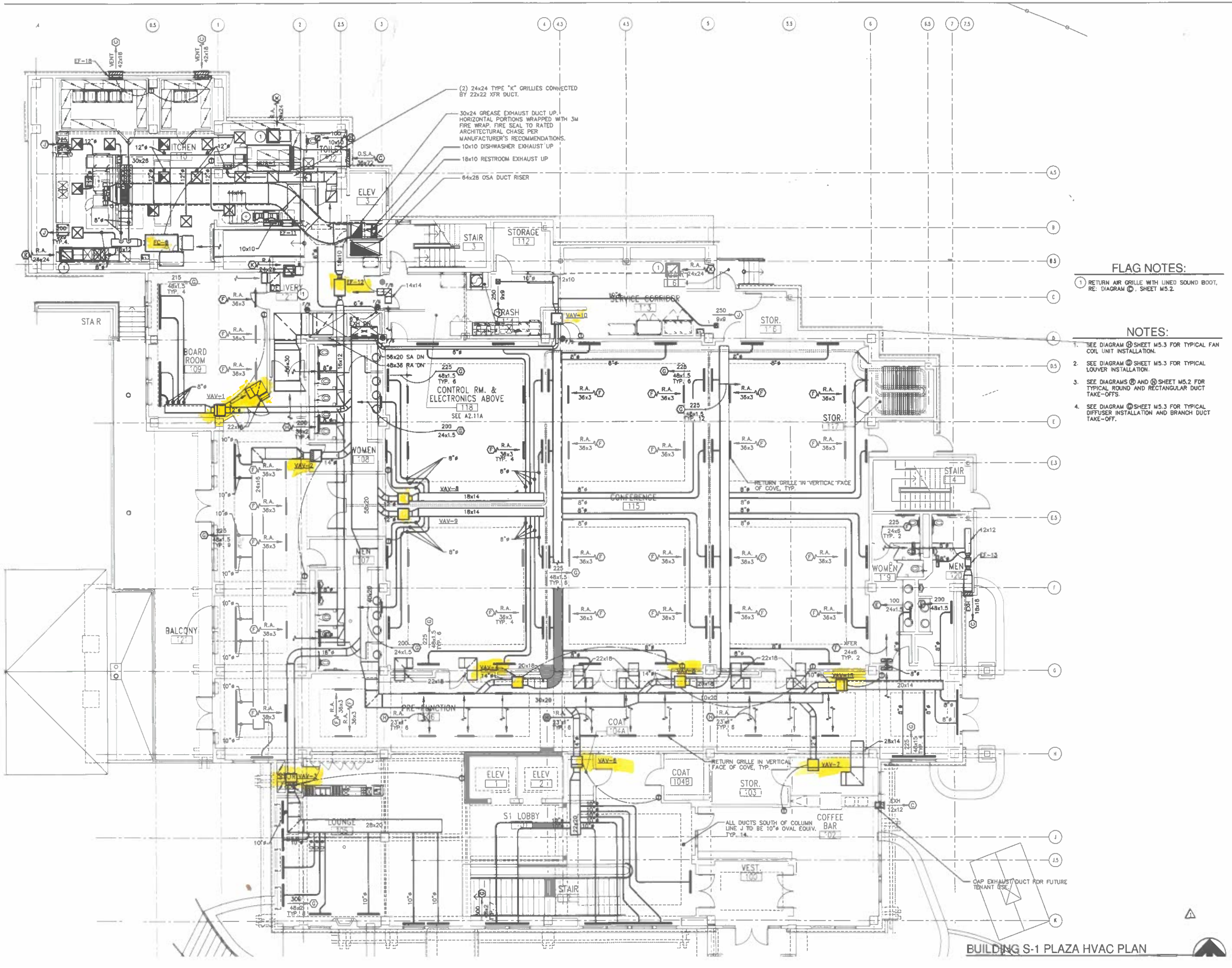
REVISIONS:
1. BSA ADDENDUM #12 12/28/05
2. BSA ADDENDUM #13 1/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PARTIAL MECHANICAL GARAGE PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M2.05



FLAG NOTES:

1. RETURN AIR GRILLE WITH LINED SOUND BOOT, RE: DIAGRAM Ⓒ, SHEET M5.2.

NOTES:

1. SEE DIAGRAM Ⓗ SHEET M5.3 FOR TYPICAL FAN COIL UNIT INSTALLATION.
2. SEE DIAGRAM Ⓜ SHEET M5.3 FOR TYPICAL LOUVER INSTALLATION.
3. SEE DIAGRAMS Ⓡ AND Ⓝ SHEET M5.2 FOR TYPICAL ROUND AND RECTANGULAR DUCT TAKE-OFFS.
4. SEE DIAGRAM Ⓟ SHEET M5.3 FOR TYPICAL DIFFUSER INSTALLATION AND BRANCH DUCT TAKE-OFF.

BUILDING S-1 PLAZA HVAC PLAN

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CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
1 BSA ADDENDUM #12 12/26/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S-1 PLAZA MECHANICAL PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M2.11a

RISER LEGEND	
⊜	PLUMBING RISER
⊖	FIRE PROTECTION RISER
⊟	HEATING/CHILLED WATER RISERS

NOTES:

1. SEE DIAGRAM Ⓓ SHEET M5.2 FOR UNIT HEATER AND CABINET UNIT HEATER PIPING AND INSTALLATION
2. SEE DIAGRAM Ⓒ SHEET 5.1 FOR CLEANOUT DIAGRAMS.
3. SEE DIAGRAM Ⓗ SHEET M5.2 FOR TYPICAL PIPE HANGER DIAGRAM.
4. SEE DIAGRAMS Ⓕ SHEET M5.2 AND DIAGRAM Ⓚ SHEET M5.3 FOR FAN COIL UNIT INSTALLATION AND PIPING.

3 PARTIAL RESTROOM PLUMBING PLAN
SCALE: 1/8" = 1'-0"

1 BUILDING S2/S3 PLAZA PIPING PLAN
SCALE: 1/8" = 1'-0"

2 PARTIAL RESTROOM PLUMBING PLAN

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Project No: 0057.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

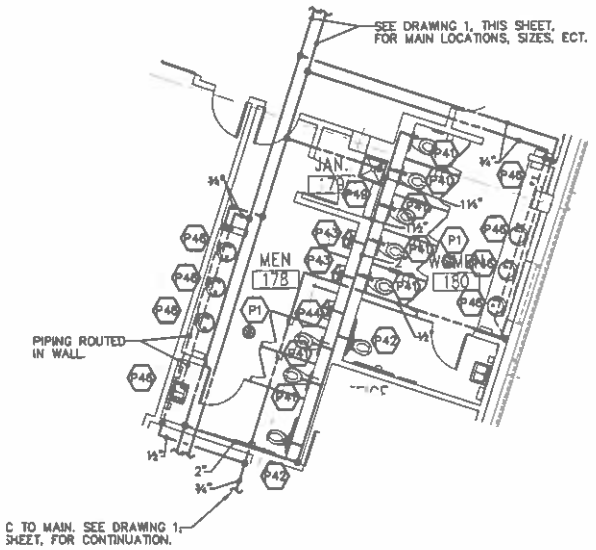
REVISIONS:
1. BSA ADDENDUM #12 12/28/05
2. BSA ADDENDUM #13 1/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

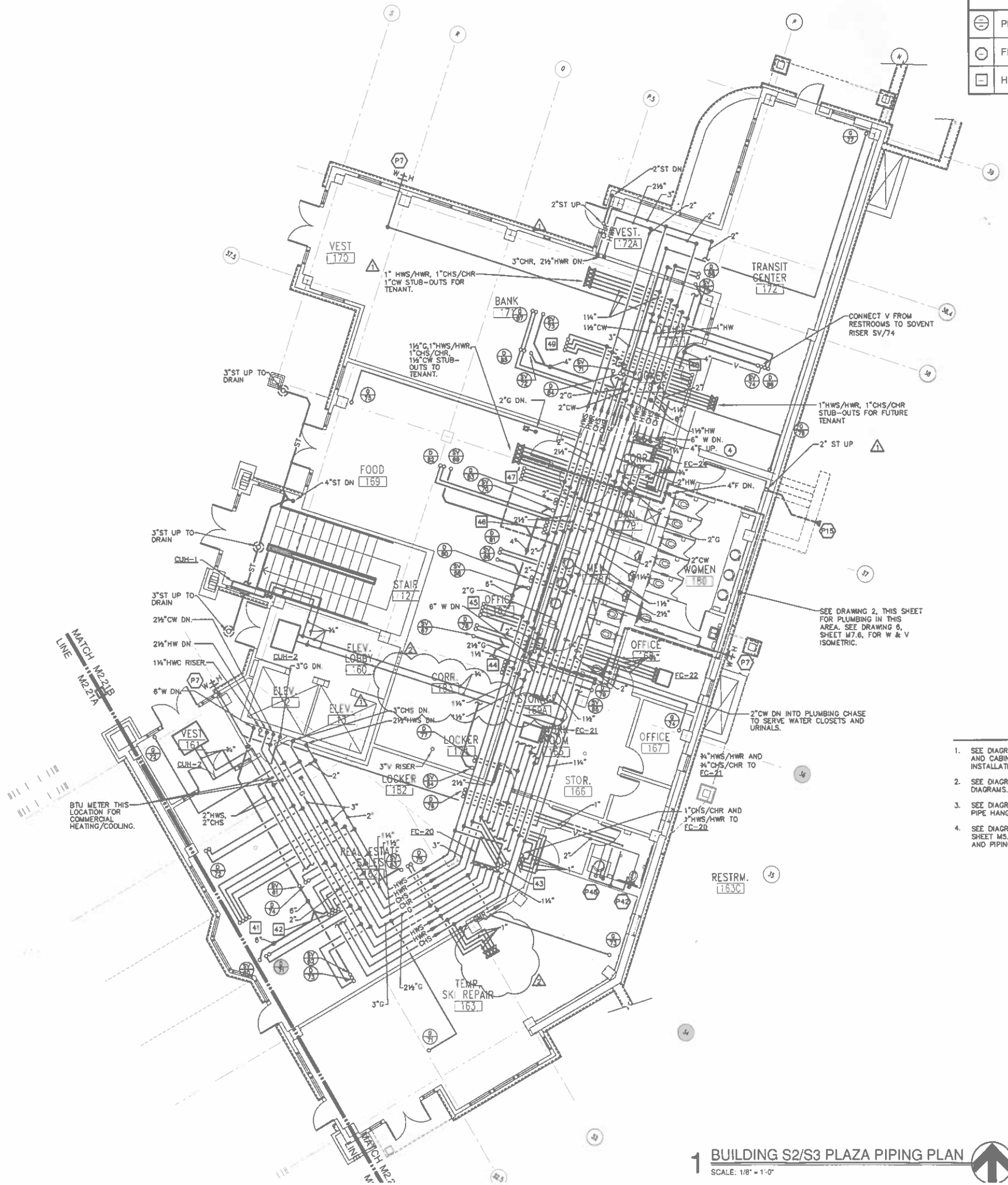
SHEET TITLE:
BUILDING S2/S3 PLAZA PIPING PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M2.21C



2 PLUMBING PLAN
SCALE 1/8" = 1'-0"



1 BUILDING S2/S3 PLAZA PIPING PLAN
SCALE: 1/8" = 1'-0"

RISER LEGEND	
⊜	PLUMBING RISER
⊖	FIRE PROTECTION RISER
⊟	HEATING/CHILLED WATER RISER

NOTES:

1. SEE DIAGRAM Ⓜ SHEET M5.2 FOR UNIT HEATER AND CABINET UNIT HEATER PIPING AND INSTALLATION
2. SEE DIAGRAM Ⓒ SHEET 5.1 FOR CLEANOUT DIAGRAMS.
3. SEE DIAGRAM Ⓜ SHEET M5.2 FOR TYPICAL PIPE HANGER DIAGRAM.
4. SEE DIAGRAMS Ⓗ SHEET M5.2 AND DIAGRAM Ⓗ SHEET M5.3 FOR FAN COIL UNIT INSTALLATION AND PIPING.

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CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

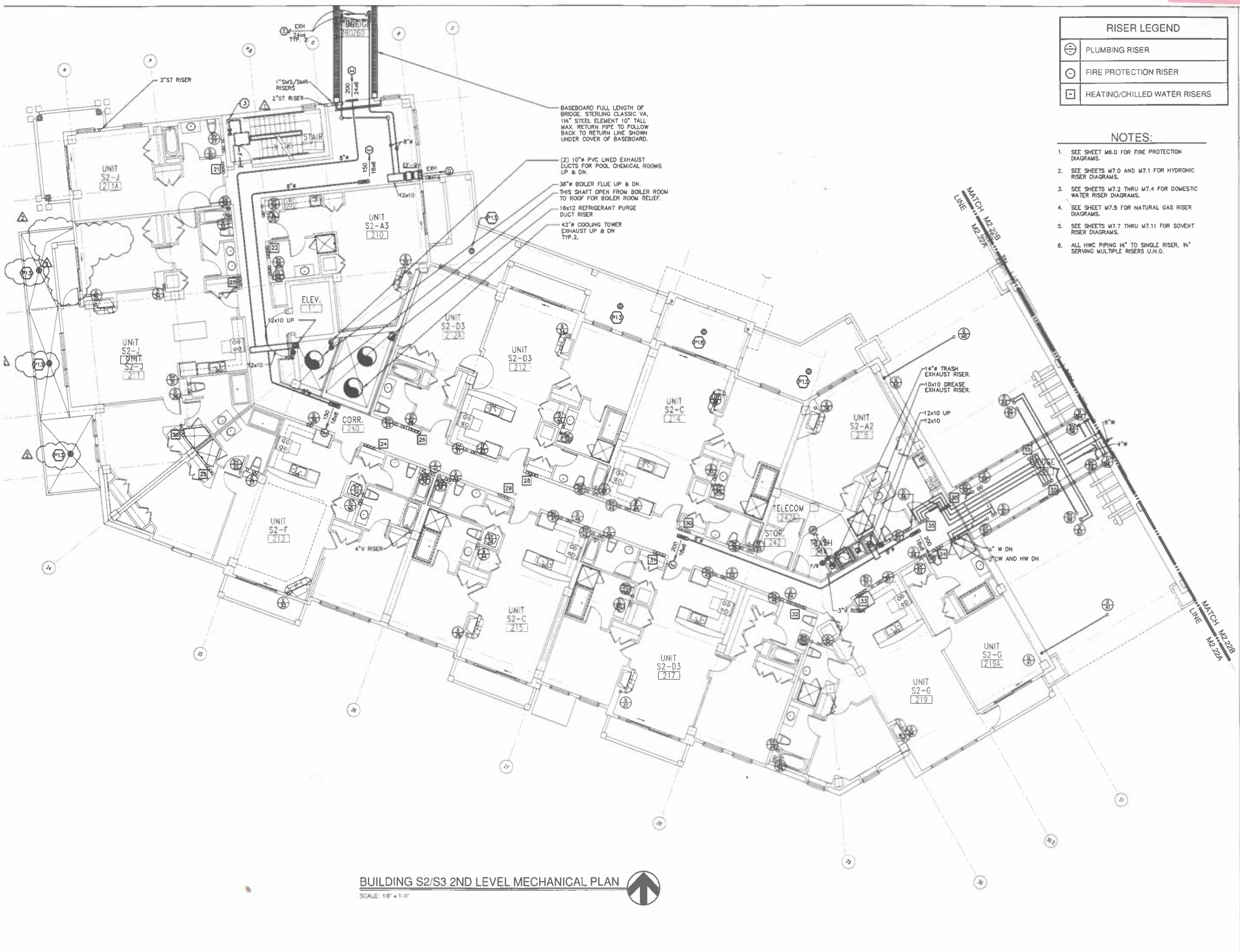
REVISIONS:
1 BSA ADDENDUM #12 12/28/05
2 BSA ADDENDUM #13 01/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S2/S3 PLAZA PIPING PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M2.21D



BUILDING S2/S3 2ND LEVEL MECHANICAL PLAN

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

RISER LEGEND	
⊜	PLUMBING RISER
⊖	FIRE PROTECTION RISER
⊟	HEATING/CHILLED WATER RISERS

NOTES:

1. SEE SHEET M6.0 FOR FIRE PROTECTION DIAGRAMS.
2. SEE SHEETS M7.0 AND M7.1 FOR HYDRONIC RISER DIAGRAMS.
3. SEE SHEETS M7.2 THRU M7.4 FOR DOMESTIC WATER RISER DIAGRAMS.
4. SEE SHEET M7.5 FOR NATURAL GAS RISER DIAGRAMS.
5. SEE SHEETS M7.7 THRU M7.11 FOR SOVENT RISER DIAGRAMS.
6. ALL HWC PIPING ½" TO SINGLE RISER, ¾" SERVING MULTIPLE RISERS U.N.O.

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Owner: (303)279-3520
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Project No: 0057.00

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

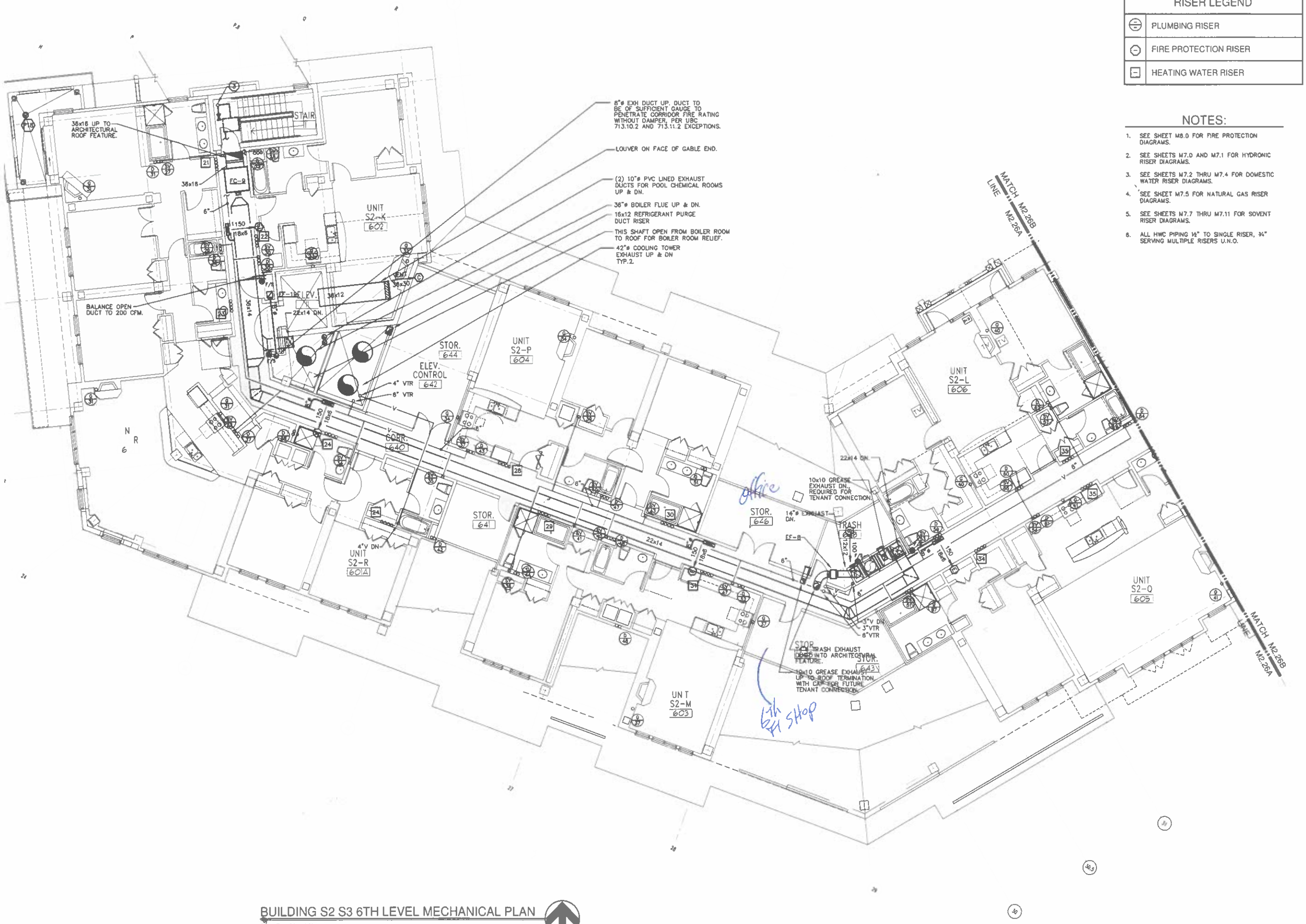
REVISIONS:
1 BSA ADDENDUM #12 12/28/05
2 BSA ADDENDUM #13 1/23/06

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S2/S3 2ND LEVEL MECHANICAL PLAN

DRAWN BY: JAC
CHECKED BY: MTS

SHEET M2.22A



BUILDING S2 S3 6TH LEVEL MECHANICAL PLAN

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

RISER LEGEND	
⊜	PLUMBING RISER
⊖	FIRE PROTECTION RISER
⊟	HEATING WATER RISER

NOTES:

1. SEE SHEET M8.0 FOR FIRE PROTECTION DIAGRAMS.
2. SEE SHEETS M7.0 AND M7.1 FOR HYDRONIC RISER DIAGRAMS.
3. SEE SHEETS M7.2 THRU M7.4 FOR DOMESTIC WATER RISER DIAGRAMS.
4. SEE SHEET M7.5 FOR NATURAL GAS RISER DIAGRAMS.
5. SEE SHEETS M7.7 THRU M7.11 FOR SOVENT RISER DIAGRAMS.
6. ALL HWC PIPING ½" TO SINGLE RISER, ¾" SERVING MULTIPLE RISERS U.N.O.

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Project No: 4087.00

CRESTED BUTTE MOUNTAIN RESORT COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:
1 BSA ADDENDUM #12 12/28/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

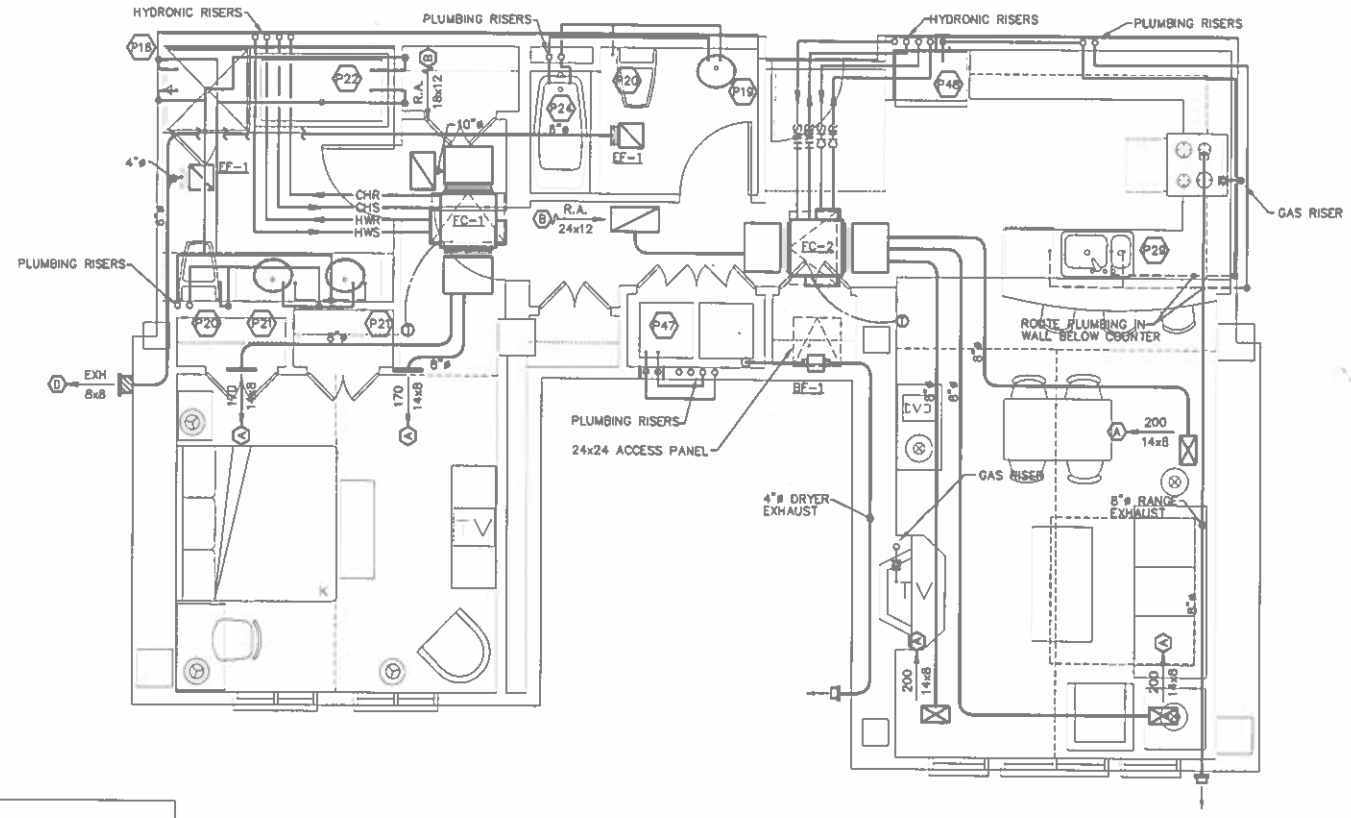
SHEET TITLE:
BUILDING S2/S3 6TH LEVEL/ (DORMER) MECHANICAL PLAN

DRAWN BY: JAC
CHECKED BY: MTS

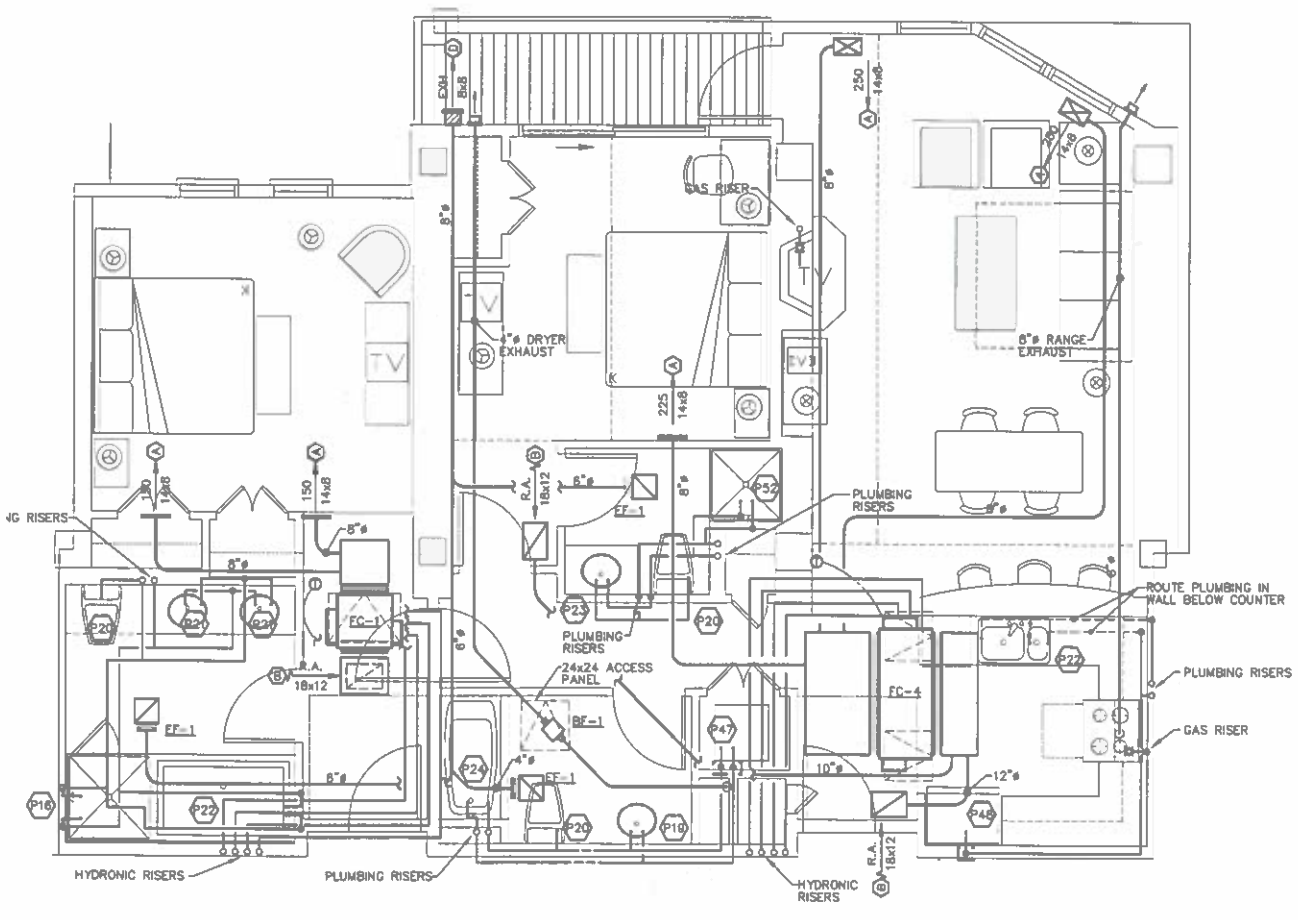
SHEET
M2.26A

NOTES:

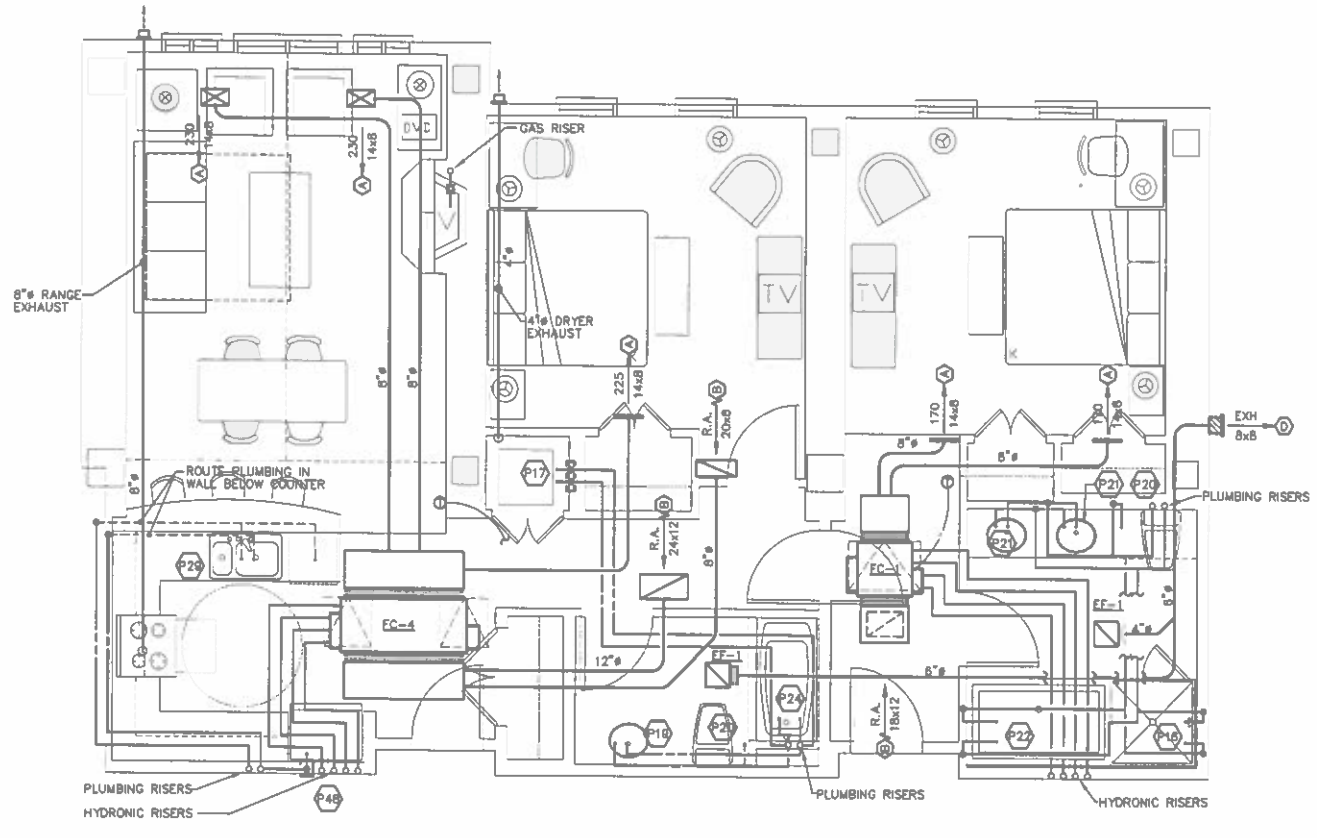
1. REFER TO DIAGRAMS Ⓗ SHEET M5.3 FOR TYPICAL FAN COIL INSTALLATION.
2. ALL SUPPLY/RETURN PLENUM DIMENSIONS TO MATCH FAN COIL SUPPLY/RETURN OPENING SIZES U.N.O.
3. COORDINATE SPACE THERMOSTAT LOCATION WITH ARCHITECT AND INTERIOR DESIGNER.
4. CONTRACTOR SHALL COORDINATE GAS PIPING AND ACCESSIBLE SHUT-OFF VALVE ROUGH-IN LOCATION WITH FIREPLACE MANUFACTURER.
5. CONTRACTOR TO COORDINATE INSTALLATION OF TOILET EXHAUST FANS WITH PLUMBING FOR FLOOR ABOVE TO MAINTAIN REQUIRED CEILING HEIGHTS.
6. CONTRACTOR SHALL COORDINATE INSTALLATION OF BRANCH PLUMBING TO NOT ENTER/INTERFERE WITH TOILET EXHAUST FANS OR DUCTWORK.
7. ALL DRYER EXHAUST DUCTS TO BE 4"ø. DRYER EXHAUST DUCT LENGTHS MUST BE VERIFIED WITH MANUFACTURERS REQUIREMENTS AND IF EXCEEDED, A BOOSTER FAN SHALL BE USED.
8. CONTRACTOR SHALL INCLUDE PROPER AIR GAP FITTING FOR KITCHEN DISHWASHER CONNECTION.
9. VERIFY ALL PENETRATIONS OF STRUCTURAL BEAMS WITH STRUCTURAL ENGINEER.
10. ROUTE CONDENSATE LINES TO TAILPIECE OF NEAREST SINK OR OTHER APPROVED RECEPTOR.
11. ALL DOMESTIC HOT & COLD WATER PLUMBING IN UNITS TO BE ¾" U.N.O.



1 UNIT S2-M MECHANICAL PLAN
SCALE 1/4" = 1'-0"



2 UNIT S2-N MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



3 UNIT S2-P MECHANICAL PLAN
SCALE 1/4" = 1'-0"

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CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

REVISIONS:

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
BUILDING S2/S3 MECHANICAL UNIT PLANS

DRAWN BY: JAC
CHECKED BY: MTS

SHEET
M4.30

DRAWING SHEET INDEX – VOLUME 4

FOR CONTINUATION OF SHEET INDEX SEE:
T1.0A&B- VOL.1, TITLE SHEET FOR CIVIL & STRUCTURAL DRAWINGS
T1.0A&B- VOL.2, TITLE SHEET FOR LANDSCAPE & ARCHITECTURAL DRAWINGS
T1.0A&B- VOL.3, TITLE SHEET FOR ARCHITECTURAL & POOL DRAWINGS
T1.0A&B- VOL.4, TITLE SHEET FOR MECHANICAL, ELECTRICAL, & TELECOM DRAWINGS
T1.0A&B- VOL.5, TITLE SHEET FOR INTERIOR LIGHTING DESIGN &

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A California Corporation
501 Folsom Street, Fourth Floor
San Francisco, CA 94105
415-281-4720

CRESTED BUTTE
MOUNTAIN RESORT
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GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

STATE OF COLORADO
JOHN S. ASHWORTH
400282
REG. 7-31-07
LICENSED ARCHITECT

DATE: NOVEMBER 15, 2005

REVISIONS:
(1) BSA ADDENDUM #10 11/15/05
(2) BSA ADDENDUM #12 12/15/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
TITLE SHEET – VOLUME 4

DRAWN BY: DW/WC
CHECKED BY: GF
SHEET T1.0B

GENERAL NOTES:

OTES ACCOMPANY THE PUBLISHED CONSTRUCTION DOCUMENT
OK (PROJECT MANUAL).

AWINGS. VERIFY DIMENSIONS ON ARCHITECTURAL
FIELD PRIOR TO COMMENCEMENT OF WORK.

IIDDING DOCUMENTS.

SHALL EXAMINE THE BIDDING DOCUMENTS CAREFULLY,
TER THAN SEVEN DAYS PRIOR TO THE DATE OF RECEIPT
ALL MAKE WRITTEN REQUEST TO THE ARCHITECT FOR
ION OR CORRECTION OF ANY DISCREPANCIES,
INCONSISTENCIES, OR ERRORS THEREIN WHICH HE MAY
THE ARCHITECT WILL BE ISSUE ANY INTERPRETATION OR
AS AN ADDENDUM. ONLY A WRITTEN INTERPRETATION OR
BY ADDENDUM SHALL BE BINDING. NO BIDDER SHALL
INTERPRETATIONS OR CORRECTIONS GIVEN BY ANY OTHER
DISCREPANCIES, AMBIGUITIES, INCONSISTENCIES, OR
NOT COVERED BY ADDENDUM OR WRITTEN DIRECTIVE,
SHALL INCLUDE IN HIS BID, LABOR MATERIALS AND
CONSTRUCTION RESULTING IN HIGHER COST. AFTER
CONTRACT, NO ALLOWANCE OR EXTRA COMPENSATION WILL
BEHALF OF THE CONTRACTOR DUE TO HIS FAILURE TO
RITTEN REQUESTS AS DESCRIBED ABOVE.

REQUEST CLARIFICATION DURING THE BID PERIOD OF
JACY, OMISSION, OR CONFLICT WILL NOT RELIEVE THE
OF THEIR RESPONSIBILITIES. THE SIGNING OF THE
ILL BE CONSIDERED AS IMPLICITLY DENOTING THAT THE
HAS A THOROUGH COMPREHENSION OF THE FULL INTENT
OF THE WORKING DRAWINGS AND SPECIFICATIONS.

TO BID AND VERIFY THAT CONDITIONS ARE AS
RACTOR SHALL INCLUDE IN HIS BID COSTS REQUIRED TO
EET EXISTING CONDITIONS.

URAL, STRUCTURAL, ELECTRICAL, MECHANICAL, AND OTHER
TO BID.

ERFORMED IN A WORKMANLIKE MANNER TO THE
THE ARCHITECT.

AND EQUIPMENT SHALL CONFORM TO THE LATEST
L STATE OF COLORADO, AND NATIONAL CODES AND

AND INSPECTIONS REQUIRED.

NSTALLATION AGAINST DEFECTS IN MATERIALS AND
CH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF
OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY
COST TO THE OWNER.

10. PROVIDE RECORD DRAWINGS TO ARCHITECT. DRAWINGS SHALL INCLUDE ALL ADDENDUM ITEMS, CHANGE ORDERS, ALTERATIONS, REROUTINGS, ETC.

11. SYSTEMS SHALL BE COMPLETE, OPERABLE, AND READY FOR CONTINUOUS OPERATION.

12. CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE ALTERNATE MATERIALS, EQUIPMENT, OR INSTALLATION METHODS.

13. VERIFY EXACT LOCATIONS OF EXISTING AND NEW UNDERGROUND UTILITIES, PIPING, AND RACEWAY SYSTEMS PRIOR TO TRENCHING. PROVIDE NECESSARY TRENCHING, BACKFILL, EXCAVATION, SUPPORTS, SERVICE FEEDERS (CONDUIT AND/OR WIRE), PULLBOXES, TRANSFORMER PADS, SAWCUTTING AND PATCHING, CONCRETE/PAVING, ETC. REQUIRED. BACKFILL TRENCHES TO 90 PERCENT COMPACTION AND PATCH TO MATCH EXISTING. CONTRACTOR SHALL OBTAIN AND VERIFY EXACT UTILITY COMPANY DRAWINGS AND REQUIREMENTS.

14. ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A NUMBER 12 PULLWIRE OR EQUAL, AND SHALL BE IDENTIFIED AT ALL JUNCTION, PULL AND TERMINATION POINTS, USING PERMANENT METALLIC TAGS. TAG SHALL INDICATE INTENDED USE OF CONDUIT, ORIGINATION, AND TERMINATION POINTS OF EACH INDIVIDUAL CONDUIT.

15. INSTALL ALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ANY DEVIATIONS SHALL BE BROUGHT TO THE ARCHITECT/ENGINEER'S ATTENTION PRIOR TO INSTALLATION.

16. SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT NO COST TO OWNER.

17. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING PROVIDED UNDER THIS SECTION, OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.

18. CONDUITS PENETRATING THROUGH ROOF SHALL HAVE ROOF FLASHING WITH CAULK TYPE COUNTER FLASHING SLEEVE. INSTALLATION SHALL BE WATERTIGHT.

19. ALL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY U.L. OR OTHER RECOGNIZED TESTING FACILITY.

20. PULLBOXES, CABINETS, ETC. MOUNTED ON THE EXTERIOR AT GRADE LEVEL, SHALL BE WEATHERPROOF TYPE WITH HINGED LOCKABLE COVERS SECURED WITH TAMPERPROOF SCREWS.

21. DAISY CHAINING OF VOICE/DATA CABLING IS NOT ALLOWED. UTILIZE HOME RUN METHOD FOR ALL DEVICES.

TELECOM SHEET INDEX

#	TITLE	ISSUE LOG: PROGRESS SET	TERMINATION POINT SET	PROGRESS SET	CDOT PROGRESS SET	REVISED CDOT DOCUMENT SET	REVISED CDOT DOCUMENT SET - REVISION 1	PROGRESS SET
TC1.0	TELECOM COVER SHEET	√	√	√	√	√	√	√
TC1.1	SEPARATION OF WORK BETWEEN TRADES	√			√	√	√	√
TC1.2	TELECOM SITE PLAN	√	√	√	√	√	√	√
TC2.02	PARTIAL GARAGE TELECOM PLAN	√	√	√	√	√	√	√
TC2.03	PARTIAL GARAGE TELECOM PLAN	√	√	√	√	√	√	√
TC2.04	PARTIAL GARAGE TELECOM PLAN	√	√	√	√	√	√	√
TC2.05	PARTIAL GARAGE TELECOM PLAN	√	√	√	√	√	√	√
TC2.11	BUILDING S-1 PLAZA TELECOM PLAN	√	√	√	√	√	√	√
TC2.12	BUILDING S-1 2ND LEVEL TELECOM PLAN	√		√	√	√	√	√
TC2.13	BUILDING S-1 3RD LEVEL TELECOM PLAN			√	√	√	√	*
TC2.14	BUILDING S-1 4TH LEVEL TELECOM PLAN			√	√	√	√	*
TC2.15	BUILDING S-1 5TH LEVEL/PENTHOUSE TELECOM PLAN			√	√	√	√	√
TC2.16	NOT USED AS OF 10-17-05			√	√			
TC2.21A	BUILDING S-2/S-3 PLAZA TELECOM PLAN	√	√	√	√	√	√	√
TC2.21B	BUILDING S-2/S-3 PLAZA TELECOM PLAN	√	√	√	√	√	√	√
TC2.22A	BUILDING S-2/S-3 2ND LEVEL TELECOM PLAN	√		√	√	√	√	√
TC2.22B	BUILDING S-2/S-3 2ND LEVEL TELECOM PLAN	√		√	√	√	√	√
TC2.23A	BUILDING S-2/S-3 3RD LEVEL TELECOM PLAN			√	√	√	√	√
TC2.23B	BUILDING S-2/S-3 3RD LEVEL TELECOM PLAN			√	√	√	√	√
TC2.24A	BUILDING S-2/S-3 4TH LEVEL TELECOM PLAN			√	√	√	√	√
TC2.24B	BUILDING S-2/S-3 4TH LEVEL TELECOM PLAN			√	√	√	√	√
TC2.25A	BUILDING S-2/S-3 5TH LEVEL TELECOM PLAN			√	√	√	√	√
TC2.25B	BUILDING S-2/S-3 5TH LEVEL TELECOM PLAN			√	√	√	√	√
TC2.26A	BUILDING S-2/S-3 6TH LEVEL/(DORMER) TELECOM PLAN			√	√	√	√	√
TC2.26B	BUILDING S-2/S-3 6TH LEVEL/(DORMER) TELECOM PLAN			√	√	√	√	√
TC2.27A	BUILDING S-2/S-3 TELECOM ROOF PLAN			√	√	√	√	√
TC2.27B	NOT USED AS OF 10-17-05			√	√			
TC4.11	BUILDING S-1 TELECOM UNIT PLANS	√		√	√	√	√	√
TC4.12	BUILDING S-1 TELECOM UNIT PLANS			√	√	√	√	√
TC4.13	NOT USED AS OF 8/31/05	√		√	√			
TC4.14	BUILDING S-1 TELECOM UNIT PLANS			√	√	√	√	√
TC4.15	BUILDING S-1 TELECOM UNIT PLANS				√	√	√	√
TC4.16	BUILDING S-1 TELECOM UNIT PLANS				√	√	√	√
TC4.17	BUILDING S-1 TELECOM UNIT PLANS				√	√	√	√
TC4.21	BUILDING S-2/S-3 TELECOM UNIT PLANS			√	√	√	√	√
TC4.22	BUILDING S-2/S-3 TELECOM UNIT PLANS	√		√	√	√	√	√
TC4.23	BUILDING S-2/S-3 TELECOM UNIT PLANS			√	√	√	√	√
TC4.24	BUILDING S-2/S-3 TELECOM UNIT PLANS			√	√	√	√	√
TC4.25	BUILDING S-2/S-3 TELECOM UNIT PLANS			√	√	√	√	√
TC4.26	BUILDING S-2/S-3 TELECOM UNIT PLANS			√	√	√	√	√
TC4.27	BUILDING S-2/S-3 TELECOM UNIT PLANS			√	√	√	√	√
TC4.28	BUILDING S-2/S-3 TELECOM UNIT PLANS				√	√	√	√
TC4.29	BUILDING S-2/S-3 TELECOM UNIT PLANS				√	√	√	√
TC4.30	BUILDING S-2/S-3 TELECOM UNIT PLANS				√	√	√	√
TC4.31	BUILDING S-2/S-3 TELECOM UNIT PLANS				√	√	√	√
TC4.32	BUILDING S-2/S-3 TELECOM UNIT PLANS				√	√	√	√
TC5.00	TELECOM BLDG. S-1 RISER DIAGRAM	√		√	√	√	√	√
TC5.01	TELECOM BLDG. S-2/S-3 RISER DIAGRAM	√		√	√	√	√	√
TC5.02	AUDIO/VISUAL PRESENTATION CONTROL SYSTEM DIAGRAM			√	√	√	√	√
TC5.03	PRESENTATION VIDEO DISTRIBUTION ONE-LINE DIAGRAM				√	√	√	√
TC5.04	PRESENTATION AUDIO DISTRIBUTION ONE-LINE DIAGRAM				√	√	√	√
TC5.05	ACCESS CONTROL & CCTV ONE-LINE DIAGRAM				√	√	√	√
TC6.00	TELECOM ENLARGED PLANS				√	√	√	√
TC6.01	TELECOM ENLARGED PLANS				√	√	√	√
TC7.00	TELECOM DIAGRAMS				√	√	√	√
TC7.01	TELECOM DIAGRAMS					√	√	√
TC7.02	TELECOM DIAGRAMS				√	√	√	√
TC7.10	EQUIPMENT RACK ELEVATIONS					√	√	√
TC8.00	DATA/LAN PATCHPANEL SCHEDULES					√	√	√
TC8.01	VOICE PATCHPANEL SCHEDULES					√	√	√

ISSUE LOG KEY:
'√' ISSUED AS PART OF A SET
' ' NOT PART OF SET
'*' ISSUED FOR INFORMATION ONLY

DATE: 05/16/05, 06/1/05, 08/12/05, 08/31/05, 10/17/05, 11/3/05, 12/28/05

TELECOMMUNICATIONS LEGEND

NOTE: ALL SYMBOLS SHOWN ON LEGEND ARE NOT NECESSARILY USED.

GENERAL SYMBOLS
- JUNCTION BOX - WALL
- JUNCTION BOX - CEILING
- JUNCTION BOX - FLOOR
- DISCRETE VL EQUIPMENT (FOR LV CONTROL)
- MOTOR (FOR LV CONTROL)
- WALL-MOUNTED CABINET
- EXISTING WALL-MOUNTED CABINET
- FLOOR-MOUNTED EQUIPMENT RACK
- WALL-MOUNTED EQUIPMENT RACK
- WALL-MOUNTED BACKBOARD
- CONDUIT RUN - CONCEALED
- CONDUIT RUN - BELOW FLOOR/GRADE
- CONDUIT RUN - EXPOSED
- LV CONTROL WIRING
- CONDUIT UP
- CONDUIT DOWN
- CONDUIT SEALOFF
- CONDUIT STUB - CAP & MARK
- GROUND
- CONDUIT RACK
- CABLE TRAY
- PB PULLBOX
- CATV NODE/MANHOLE
- T TELECOM PEDESTAL/MANHOLE

COMMUNICATIONS SYSTEM
- TELEPHONE OUTLET - WALL
- TELEPHONE OUTLET - FLOOR
- DOUBLE TELEPHONE OUTLET - WALL
- DATA OUTLET - WALL
- DATA OUTLET - FLOOR
- DOUBLE DATA OUTLET - WALL
- VOICE/DATA OUTLET - WALL
- VOICE/DATA OUTLET - FLOOR
- DOUBLE VOICE/DATA OUTLET - WALL
- VOICE/DATA/FIBER OUTLET
- PoS POINT-OF-SALE (PoS) OUTLET
- AUTOMATED TELLER MACHINE (ATM) STATION
- PUBLIC PAYPHONE OUTLET
- ELEVATOR PHONE OUTLET
- FIREMAN'S PHONE
- POWER/TELECOM POLE
- CLOCK OUTLET - WALL
- CLOCK OUTLET - CEILING
- TIME TONE GENERATOR
- CALL-IN SWITCH
- MASTER INTERCOM STATION
- INTERCOM STATION
- A AMPLIFIER
- CHIME
- BUZZER
- BELL
- GROUNDING BUSBAR
- WIRELESS LAN ACCESS POINT

AUDIO/VIDEO/CONTROL SYSTEM
- P PROJECTOR - CEILING MOUNTED
- P PROJECTOR - WALL MOUNTED
- PROJECTION SCREEN
- CONTROL TOUCHPANEL
- CONTROL KEYPAD
- WIRELESS CONTROL TOUCHPANEL DOCKING STATION
- MICROPHONE OUTLET - FLOOR
- MICROPHONE OUTLET - WALL
- MICROPHONE OUTLET - CEILING
- LOUDSPEAKER OUTLET - FLOOR
- LOUDSPEAKER (OUTLET) - WALL
- LOUDSPEAKER (OUTLET) - CEILING
- LOCAL VOLUME CONTROL
- TELEVISION OUTLET
- MULTIMEDIA OUTLET - FLOOR
- MULTIMEDIA OUTLET - WALL
- MULTIMEDIA OUTLET - CEILING
- SPEAKER ZONE HOMERUN

SECURITY SYSTEM
- CAMERA - WALL MOUNTED
- CAMERA - CEILING MOUNTED
- MAGNETIC DOOR CONTACT SWITCH
- INTRUSION MOTION DETECTOR
- KEYPAD
- CAMERA POWER SUPPLY
- CCTV MONITOR
- DIGITAL VIDEO RECORDER
- ACCESS CONTROL CONSOLE
- CASH REGISTER INTERFACE
- MATRIX VIDEO SWITCHER
- AUXILIARY POWER SUPPLY
- A DEVICE ADDRESS MODULE
- ACCESS CONTROL MAIN PANEL
- EXIT PANIC/CRASH BAR SENSOR
- SECURITY CENTRAL PROCESSING UNIT
- SECURITY/ACCESS CONTROL WORKSTATION
- ADA ACCESS BUTTON
- CR CARD READER - PROXIMITY
- CR CARD READER - SWIPE
- ELECTRIC LOCK - STRIKE
- ELECTRIC LOCK - MAGNETIC LOCK
- ELECTRIC LATCH / ROD RETRACTOR
- MAGNETIC DOOR CONTACT SWITCH
- MISC. CONTROL SWITCH
- SECURITY SIREN

ABBREVIATIONS

AFC	- ABOVE FINISHED CEILING
AFF	- ABOVE FINISHED FLOOR
AFG	- ABOVE FINISHED GRADE
AHJ	- AUTHORITY HAVING JURISDICTION
AP	- ACCESS POINT
AWG	- AMERICAN WIRE GAUGE
BC	- BONDING CONDUCTOR
BFG	- BELOW FINISHED GRADE
BMS	- BUILDING MANAGEMENT SYSTEM
C	- CONDUIT ONLY OR COUNTER-HEIGHT MOUNTING
CATV	- COMMUNITY (CABLE) ANTENNA TELEVISION SYSTEM
CCTV	- CLOSED CIRCUIT TELEVISION
CLG	- CEILING
CP	- CONSOLIDATION POINT
CPU	- CENTRAL PROCESSING UNIT
DP	- DEMARCATION POINT
(E)	- EXISTING
EBC	- EQUIPMENT BONDING CONDUCTOR
EC	- ELECTRICAL CONTRACTOR
EF	- ENTRANCE FACILITY
EM	- EMERGENCY
EP	- ENTRANCE POINT
ER	- EQUIPMENT ROOM
FA	- FIRE ALARM
FACP	- FIRE ALARM CONTROL PANEL
FBO	- FURNISHED BY OTHERS
GC	- GENERALT CONTRACTOR
GEC	- GROUNDING ELECTRODE CONDUCTOR
GND	- GROUND
GRD	- GROUND
HC	- HORIZONTAL CROSS-CONNECT
IAW	- IN ACCORDANCE WITH
IC	- INTERMEDIATE CROSS-CONNECT
IDF	- INTERMEDIATE DISTRIBUTION FRAME
IG	- ISOLATED GROUND
IR	- INFRARED
LAN	- LOCAL AREA NETWORK
MC	- MAIN CROSS-CONNECT
MDF	- MAIN DISTRIBUTION FRAME
MDU	- MULTI-DWELLING UNIT
MMF	- MULTIMODE OPTICAL FIBER
MTD	- MOUNTED
NIC	- NOT IN CONTRACT
NTS	- NOT TO SCALE
OC	- ON CENTER
OSP	- OUTSIDE PLANT
PA	- PUBLIC ADDRESS
PABX	- PRIVATE AUTOMATIC BRANCH EXCHANGE
PB	- PULLBOX
PTZ	- PAN/TILT/ZOOM
RU	- RACK UNIT
ScTP	- SCREENED TWISTED PAIR
SMF	- SINGLEMODE OPTICAL FIBER
SPL	- SOUND PRESSURE LEVEL
STP	- SHIELDED TWISTED PAIR
TBB	- TELECOMMUNICATIONS BONDING BACKBONE
TBBB	- TELECOMMUNICATIONS BONDING BACKBONE
TBBBC	- INTERCONNECTING BONDING CONDUCTOR
TC	- TELECOMMUNICATIONS CLOSET
TCB	- TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	- TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TR	- TELECOMMUNICATIONS ROOM
TTB	- TELEPHONE TERMINAL BOARD
UF	- UNDERFLOOR
UG	- UNDERGROUND
UNO	- UNLESS NOTED OTHERWISE
UPS	- UNINTERRUPTABLE POWER SUPPLY
UTP	- UNSHIELDED TWISTED PAIR
V	- VOLTS
W	- WATT
WAN	- WIDE AREA NETWORK
WLAN	- WIRELESS LOCAL AREA NETWORK
WP	- WEATHERPROOF
+XX"	- MOUNTING HEIGHT TO CENTERLINE OF DEVICE, AFF OR AFG
Ω	- OHM
µM	- MICROMETER

NOTE: LIGHT LINEWEIGHT INDICATES EXISTING. ////// INDICATES DEMOLITION.

CCTV CAMERA SCHEDULE

MARK	MANUFACTURER NAME	MANUFACTURER CATALOG NO	ENCLOSURE MOUNTING	ENCLOSURE STYLE	ENCLOSURE APERTURE COLOR	ENCLOSURE ACCYS/REMARKS	CAMERA COLOR	CAMERA B-W	CAMERA FORMAT	CAMERA RESOLUTION	CAMERA FOCAL	CAMERA IRIS	LENS FOCAL LENGTH	LENS FORMAT SIZE	LENS REL. APERTURE (F)	LENS HORIZ. ANGLE	LENS VERT. ANGLE	POWER USAGE	NOTES
C1	PELCO	CSPC CDV39A	SURFACE	DOME	SMOKE	VANDAL RESISTANT, LOW TEMP ENVIROMENTAL HOUSING W/ INTEGRAL HEATER	COLOR	NTSC	480	VARIFOCAL	AUTO IRIS	3.5mm - 8.0mm	1/3"	1.2 - 2.5	84° - 31.2°	60.8° - 23.1°	13 W	
C2	PELCO	IC809C CA36	RECESSED	DOME	SMOKE	NONE	COLOR	NTSC	350	FIXED	N.A	3.6mm	1/3"	2.0	74°	55°	3 W	

GENERAL NOTES
A

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Project No: 6087.00

CRESTED BUTTE
MOUNTAIN RESORT
COLORADO

MT. CRESTED BUTTE TOWN CENTER

GOTHIC ROAD
MT. CRESTED BUTTE, COLORADO

DATE: NOVEMBER 15, 2005

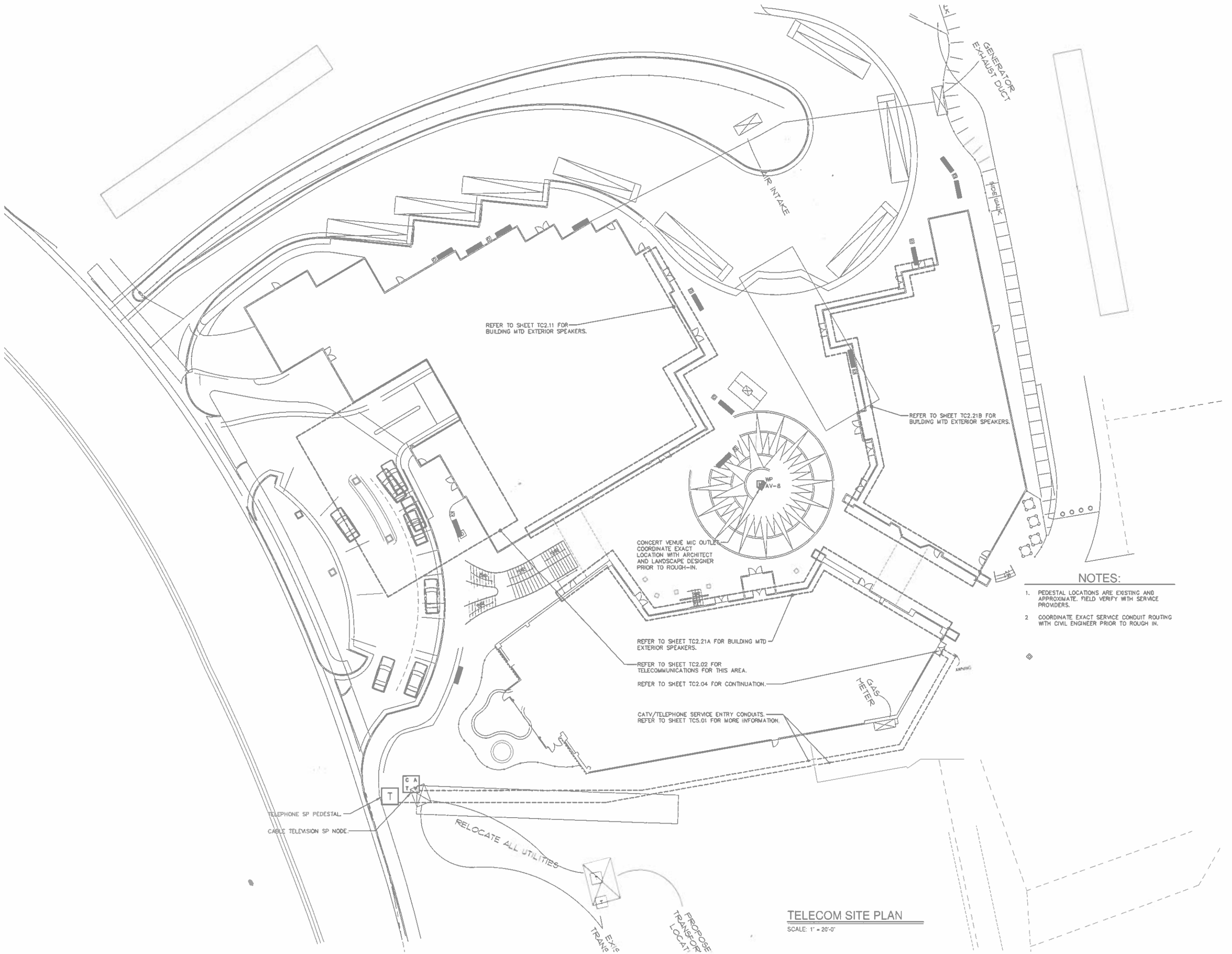
REVISIONS:
⚠ PROGRESS SET - 12/28/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
TELECOM COVER SHEET

DRAWN BY: ELR
CHECKED BY: XXX

SHEET
TC1.0



TELECOM SITE PLAN

SCALE: 1" = 20'-0"

NOTES:

1. PEDESTAL LOCATIONS ARE EXISTING AND APPROXIMATE. FIELD VERIFY WITH SERVICE PROVIDERS.
2. COORDINATE EXACT SERVICE CONDUIT ROUTING WITH CIVIL ENGINEER PRIOR TO ROUGH IN.

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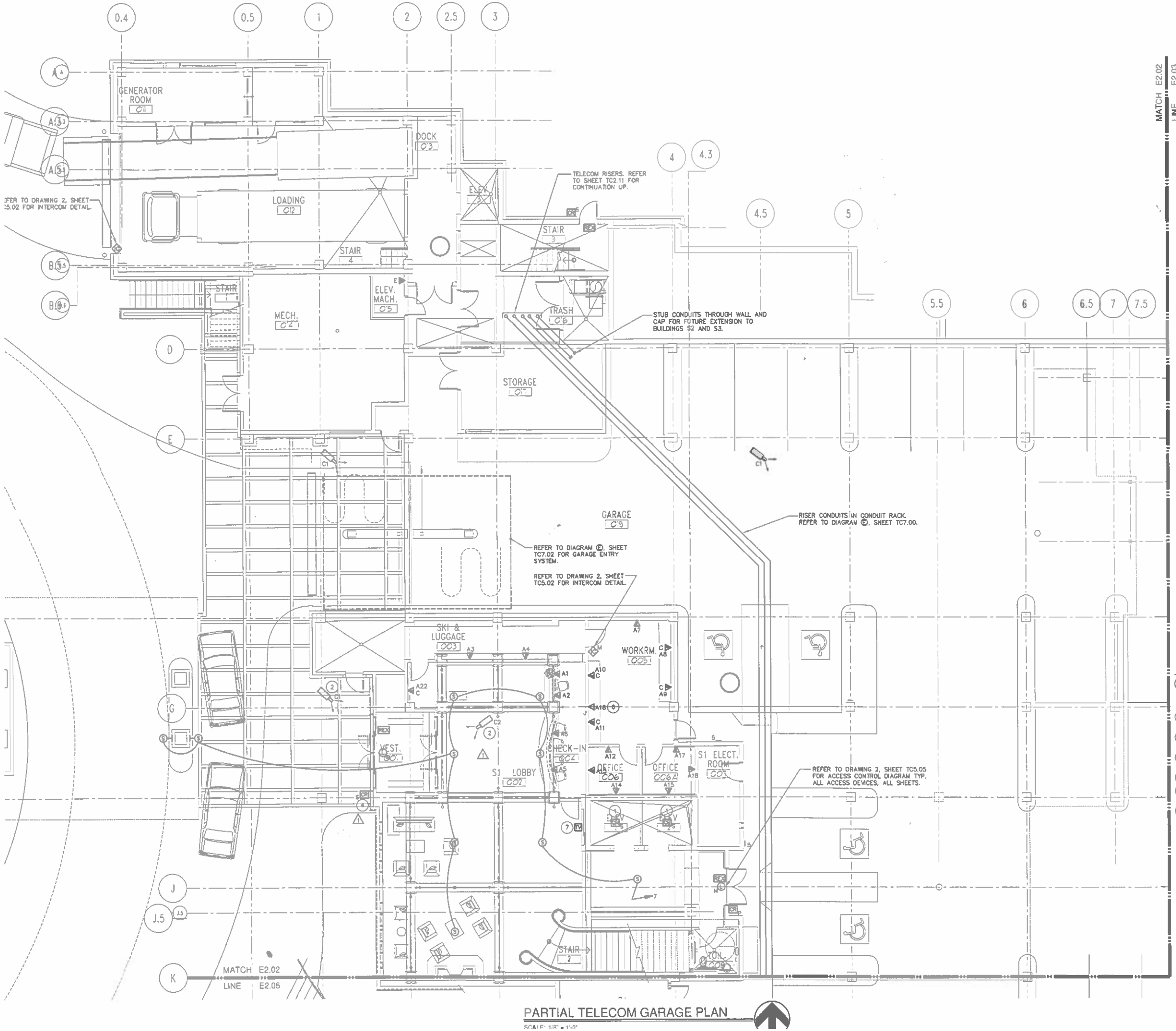
REVISIONS:

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
TELECOM SITE PLAN

DRAWN BY: JAC
CHECKED BY: BGR

SHEET
TC1.2



PARTIAL TELECOM GARAGE PLAN

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

FLAG NOTES:

1. SWIPE CARD READERS REQUIRED IN ELEVATOR FOR RESIDENTIAL FLOOR ACCESS. COORDINATE WITH ARCHITECT AND ELEVATOR MANUFACTURER.
2. CONNECT CAMERAS TO CCTV SYSTEM. REFER TO DRAWING 1, SHEET TC5.05.
3. REFER TO DRAWING 2, SHEET TC5.02 FOR INTERCOM SYSTEM DIAGRAM.
4. COORDINATE EXACT LOCATION WITH ARCHITECT.
5. NOT USED.
6. DATA OUTLET FOR WIRELESS INTERNET ACCESS POINT. ACCESS POINT DEVICE FBO.
7. COORDINATE MOUNTING HEIGHT OF TELEVISION OUTLET WITH ARCHITECT.

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REVISIONS:

⚠ PROGRESS SET - 12/28/05

FINAL CONSTRUCTION DOCUMENTS
(BSA ADDENDUM #13 01/23/06)

SHEET TITLE:
PARTIAL TELECOM GARAGE PLAN

DRAWN BY: ELR
CHECKED BY: XXX

SHEET
TC2.02