

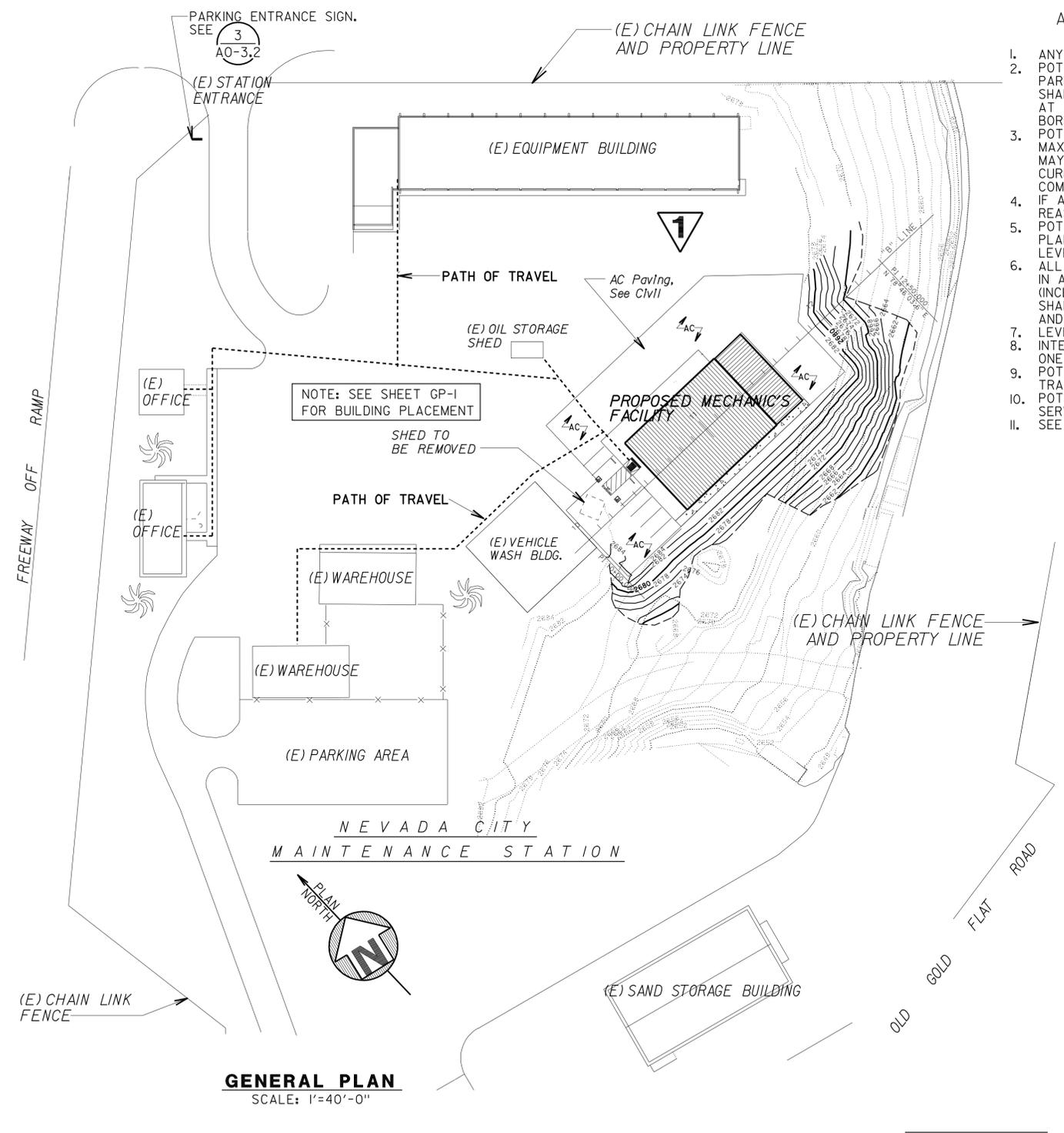
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Nev	5717		31	106

1-26-09
 PLANS APPROVAL DATE
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ACCESSIBILITY NOTES

- ANY POT CONNECTING (E) BUILDINGS AND FACILITIES ARE NOT REQUIRED TO BE INCLUDED IN THE SCOPE OF WORK. POTS INDICATED AT GENERAL PLAN SHALL BE THE MOST PRACTICAL DIRECT ROUTE BETWEEN EXISTING DISABLED PARKING SPACES AND VARIOUS EXISTING OR NEW DOORS AT AFFECTED BUILDINGS. EXACT LOCATIONS OF POTS SHALL BE DETERMINED BY THE FIELD ENGINEER. THE CONTRACTOR SHALL VERIFY AND REMOVE ANY BARRIERS AT ALL THE POTS TO COMPLY WITH ALL THE ITEMS BELOW. ALL THE DESIGNATED POTS SHALL BE STRIPED WITH BORDERS AND HATCHED LINES.
- POTS SHALL BE MIN 48" WIDE, MIN. 80" HEAD CLEARANCE, MAX. 5% SLOPE IN THE DIRECTION OF TRAVEL, MAX. 2% CROSS SLOPE, MAX. 1/2" LEVEL CHANGE W/ MAX 1:2 SLOPE, AND LEVEL CHANGE NOT EXCEEDING 1/4" MAY BE VERTICAL. ANY LEVEL CHANGE EXCEEDS 1/2" SHALL BE ACCOMMODATED BY CODE-COMPLIANT CURB RAMP, AND ANY SLOPE IN THE DIRECTION OF TRAVEL EXCEEDS 5% SHALL BE ACCOMMODATED BY CODE-COMPLIANT RAMP.
- IF ANY POTS ARE LESS THAN 60" WIDE, THEN PASSING SPACE AT LEAST 60"x60" SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200'.
- POTS SURFACE SHALL BE FIRM, STABLE, SLIP-RESISTANT, W/O LOOSE GRAVEL, SAND, CHIPS, ETC. ANY PLANTER/GRATE/COVER IN OR ADJACENT TO POTS SHALL REQUIRE EDGE PROTECTION OF MIN 6" HIGH CURB IF LEVEL CHANGE BETWEEN POT AND PLANTER/GRATE/COVER EXCEEDS 4".
- ALL (E) AND (N) DOORS CONNECTION POTS SHALL HAVE LEVEL AREAS AT BOTH SIDES OF DOORS W/ MAX. 2% SLOPE IN ANY DIRECTION. EXTERIOR LEVEL AREAS SHALL BE MIN 60"x60" IN THE DIRECTION OF DOOR SWING (INCLUDING MIN. 24" PAST DOOR STRIKE EDGE), AND MIN. 48" X 48" OPPOSITE DOOR SWING. INTERIOR LEVEL AREAS SHALL BE MIN. 60" DEEP X 54" WIDE IN THE DIRECTION OF DOOR SWING (INCLUDING MIN 18" PAST DOOR STRIKE EDGE), AND MIN 48" X 48" OPPOSITE DOOR SWING.
- LEVEL CHANGE AT THE ABOVE DOORWAY, INCLUDING THRESHOLD THICKNESS, SHALL BE MAX 1/2"
- INTERIOR AISLES FORMED BY EQUIPMENT/STORED MATERIALS/ WALLS SHALL BE MIN. 36" WIDE IF SERVING ONE SIDE, AND MIN. 44" WIDE IF SERVING BOTH SIDES.
- POT IS NOT REQUIRED FROM (E) STATION ENTRANCE ABUTTING PUBLIC STREETS, WHICH DO NOT HAVE PUBLIC TRANSPORTATION.
- POT IS NOT REQUIRED FROM NEW BUILDING TO (E) SAND STORAGE BLDG., AS THE LATTER IS ACCESSED BY SERVICE VEHICLES ONLY WITHOUT PEDESTRIAN TRAFFIC.
- SEE SHEET A-1 FOR ADDITIONAL POTS AT NEW BUILDING.



GENERAL PLAN
SCALE: 1' = 40'-0"

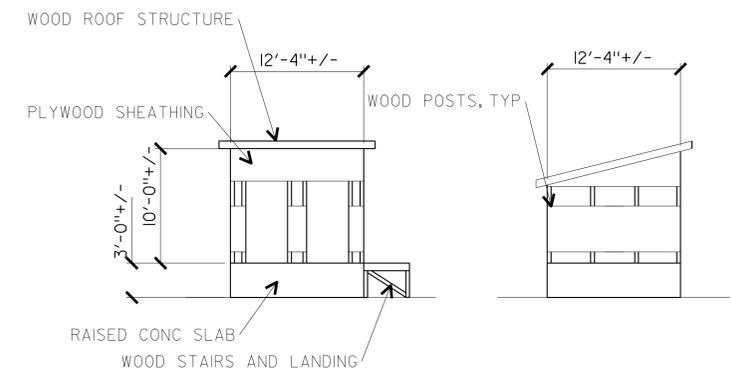
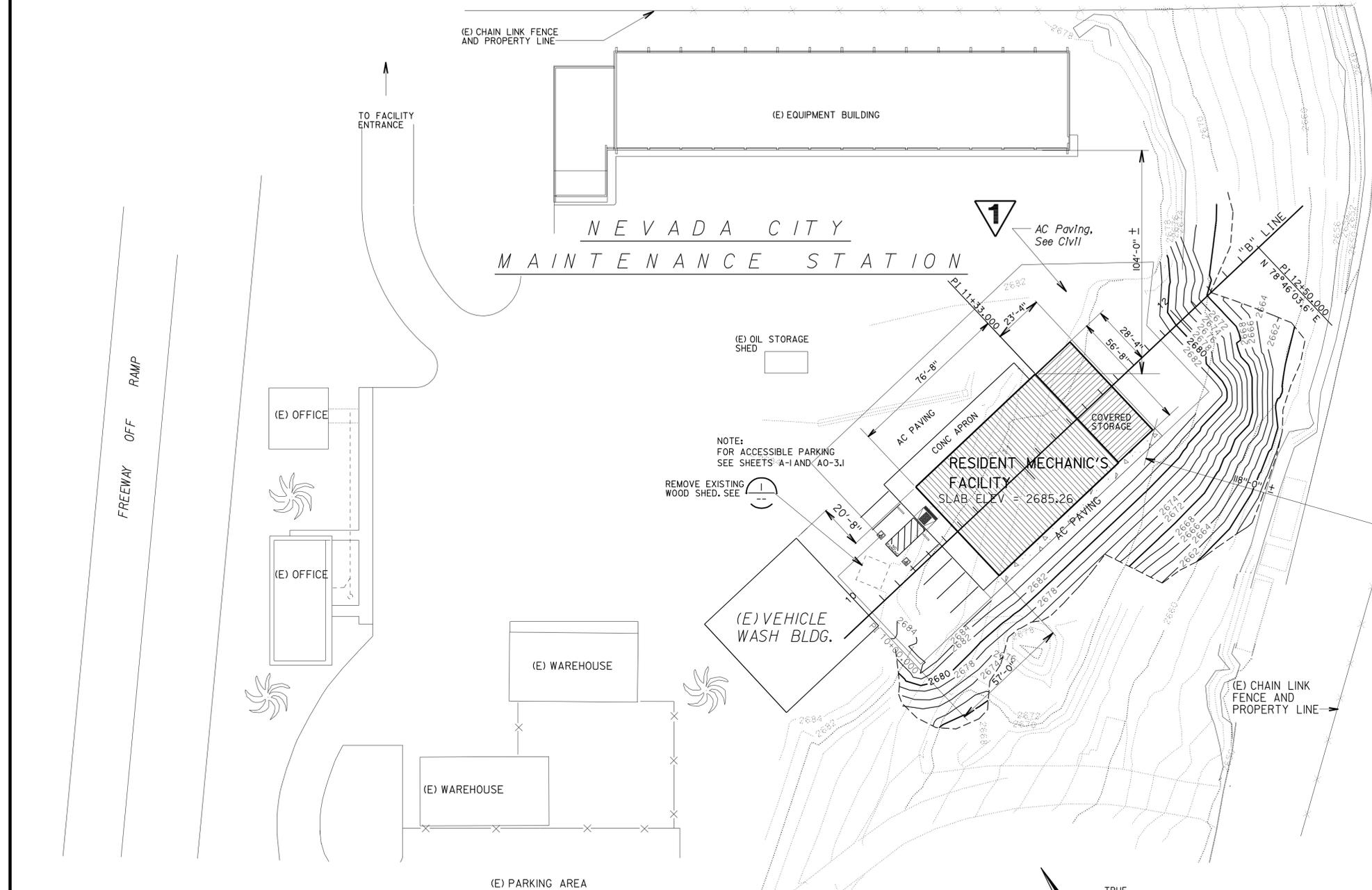
1 REVISED PER ADDENDUM No. 1
DATED MARCH 23, 2010

SHEET No.	SHEET TITLE
GENERAL PLAN SHEETS	
GP-0	GENERAL PLAN AND INDEX
GP-1	SITE PLAN AND CODE REVIEW
ARCHITECTURAL	
A0-1	ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
A0-2.1	FINISH AND DOOR SCHEDULES
A0-2.2	WINDOW AND LOUVER SCHEDULES
A0-3.1	ACCESSIBILITY STANDARD DETAILS
A0-3.2	ACCESSIBILITY STANDARD DETAILS
A0-3.3	ACCESSIBILITY STANDARD DETAILS
A0-3.4	ACCESSIBILITY STANDARD DETAILS
A0-3.5	ACCESSIBILITY STANDARD DETAILS
A0-4.1	TITLE 24 ENERGY COMPLIANCE FORMS
A0-4.2	TITLE 24 ENERGY COMPLIANCE FORMS
A0-4.3	TITLE 24 ENERGY COMPLIANCE FORMS
A-1	FLOOR PLAN
A-2	REFLECTED CEILING AND ROOF PLANS
A-3	BUILDING SECTIONS
A-4	EXTERIOR ELEVATIONS & INTERIOR ELEVATIONS
A-5	INTERIOR ELEVATIONS
A-6	BUILDING DETAILS
A-7	DOOR AND LOUVER DETAILS
A-8	WINDOW AND MISCELLANEOUS DETAILS
A-9	MISCELLANEOUS DETAILS
A-10	BUILDING SECTION C-C
STRUCTURAL	
ST-0	LEGEND
ST-1A	WOOD FRAMING STANDARD - NOTES
ST-1B	WOOD FRAMING STANDARD - DETAILS
ST-2	CONCRETE STANDARD
ST-3	CONCRETE MASONRY UNIT STANDARD
STI-1	FOUNDATION PLAN
STI-2	ROOF FRAMING PLAN
STI-3	PREFABRICATED WOOD I-BEAM RAFTER
STI-4	TYPICAL SECTIONS
STI-5	FOUNDATION DETAILS
STI-6	PILASTER AND LINTEL DETAILS
STI-7	FOOTING AND ROOF FRAMING DETAILS
STRUCTURAL CONT.	
STI-8	FRAMING DETAILS
STI-9	FRAMING DETAILS
STI-10	ROOF DECK OPENING AND WELDING DETAILS
STI-11	EVAPORATIVE COOLER PLATFORM PLANS
STI-12	EVAPORATIVE COOLER PLATFORM ELEVATIONS
STI-13	EVAPORATIVE COOLER PLATFORM DETAILS
STI-14	LOG OF TEST BORINGS
MECHANICAL	
M0-0	ABBREVIATIONS AND LEGEND
M0-1	SITE PLAN
MI-1	HVAC PLAN
MI-2	PLUMBING PLAN
MI-3	DOMESTIC WATER ISOMETRIC
MI-4	SANITARY SEWER ISOMETRIC
M3-0	EQUIPMENT SCHEDULE
M3-1	CRANE DETAILS
M3-2	AIR AND LUBRICATION SYSTEM
M3-3	MISCELLANEOUS DETAILS 1
M3-4	MISCELLANEOUS DETAILS 2
M3-5	MISCELLANEOUS DETAILS 3
M3-6	MISCELLANEOUS DETAILS 4
M3-7	WATER SUPPLY DETAILS
M3-8	FIRE WATER SUPPLY DETAILS
M3-9	LADDER DETAILS
ELECTRICAL	
EE0-0	LEGEND
EE0-1	EXISTING SITE PLAN
EE0-2	SITE PLAN
EE0-3	EXISTING ENLARGED PLAN
EE0-4	MODIFIED ENLARGED PLAN
EE0-5	ENLARGED PLAN DETAILS
EE0-6	MAIN SWITCHBOARD AND DETAILS
EE0-7	EXISTING POWER SINGLE LINE DIAGRAM
EE0-8	MODIFIED POWER SINGLE LINE DIAGRAM
EEL-1	POWER PLAN 1
EEL-2	POWER PLAN 2
EEL-3	COMMUNICATION PLAN
EEL-4	LIGHTING PLAN
EEL-5	LIGHTING SCHEMATIC DIAGRAMS AND DETAILS
EEL-6	POWER SCHEMATIC DIAGRAMS AND DETAILS
EEL-7	INTRUSION ALARM SYSTEM
EEL-8	INTRUSION ALARM SCHEDULE
EEL-9	PANEL F AND PANEL L SCHEDULES

DESIGN SUPERVISOR <i>Rahim A. Aswad</i>	DESIGNER DRAWN BY <i>Warren Lai</i>	CHECKED BY STRUCTURAL REVIEW	DESIGN BY DETAILS BY QUANTITIES BY	SHEET LEGEND A-1 ARCHITECTURAL ST-1 STRUCTURAL M-1 MECHANICAL EE-1 ELECTRICAL	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 17M5717 POST MILE 15.9	NEVADA CITY MAINTENANCE STATION RESIDENT MECHANIC'S FACILITY GENERAL PLAN AND INDEX	SHEET GP-0
a0_0_gp_0.add DS OSD Imperial Rev. 11/98 22-MAR-2010 15:45		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		CU 03225 EA 318001	DISREGARD PRINTS BEARING EARLIER REVISION DATES 4/8/07		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF 1 2

22-MAR-2010 15:45

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Nev	5717		32	106
 LICENSED ARCHITECT			7/30/07 DATE		
1-26-09 PLANS APPROVAL DATE					
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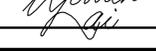
1 SHED DEMOLITION
SCALE 1/8" = 1'-0"

1 REVISED PER ADDENDUM No. 1 DATED MARCH 23, 2010

NOTE: The Contractor shall verify all controlling dimensions before ordering or fabricating any material

SITE PLAN
1"=30'-0"

BUILDING DATA					
THE BUILDING WORK ON THIS PROJECT HAS BEEN DESIGNED TO CONFORM TO THE 2007 TITLE 24 CALIFORNIA BUILDING CODE.					
BUILDING NAME	BUILDING AREA	ALLOWABLE AREA	ALLOWABLE AREA SPRINKLERED	CONSTRUCTION TYPE	OCCUPANCY GROUP
RESIDENT MECHANIC'S FACILITY	4078 SQ FT	9000 SQ FT (PER CBC SECT 503.1.2 TABLE 503)	N/A (PER CBC SECT 506.3)	V-B	S-1
COVERED STORAGE	1322 SQ FT				
	5400 SQ FT TOT.	(AREA COMPLIES)			

 DESIGN SUPERVISOR	DESIGNER  DESIGN ARCHITECT	CHECKED BY STRUCTURAL REVIEW	DESIGN BY Gary Harris DETAILS BY Gary Harris QUANTITIES BY	CHECKED CHECKED CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 17M5717 POST MILE 15.9	NEVADA CITY MAINTENANCE STATION RESIDENT MECHANIC'S FACILITY SITE PLAN AND CODE REVIEW	SHEET GP-1 OF 2
a0_0_gp_1.add		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU 03225 EA 318001		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 4/8/07	SHEET OF 2 2

22-MAR-2010 15:45

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Nev	5717		54	106


 Joseph F. Camilleri
 REGISTERED CIVIL ENGINEER
 DATE 10-30-08
 PLANS APPROVAL DATE 1-26-09

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ABBREVIATIONS

AAD	Adhesive Anchorage Device	HD	Holdown
AB	Anchor Bolt	Hex	Hexagon
AC	Asphalt Concrete	Horiz	Horizontal
Alt	Alternate	HSB	High Strength Bolt
APA	American Plywood Association	HSS	Hollow Structural Section
APC	Alternative Pipe Culvert	Jt	Joint
Bldg	Building	LOL	Layout Line
Blkg	Blocking	LVL	Laminated Veneer Lumber
BN	Boundary Nailing	m	Meter
Btm	Bottom	Max	Maximum
CB	Carriage Bolt	MEA	Mechanical Expansion Anchor
CIDH	Cast In Drilled Hole	Mech	Mechanical
CJ	Control Joint	Mfr	Manufacturer
Cir	Clear	mm	Millimeter
CMU	Concrete Masonry Unit	Min	Minimum
Conc	Concrete	MIW	Malleable Iron Washer
Const	Construction	OC	On Center
Cont	Continuous	OG	Original Grade
CP	Complete Penetration Weld	OH	Opposite Hand
Dbl	Double	Opt	Optional
DF	Douglas Fir	P	Pitch
Dia	Diameter	PDF	Powder Driven Fastener
DIP	Ductile Iron Pipe	Plwd	Plywood
DN	Diameter Nominal	PT	Pressure Treated
do	Ditto	PW	Puddle Weld
(E)	Existing	PWB	Prefabricated Wood I Beam
Ea	Each	RCP	Reinforced Concrete Pipe
EL	Elevation	Reinf	Reinforced, Reinforcing
Elec	Electrical	Req'd	Required
Embed	Embedment	SDSTS	Self Drill, Self Tap Screw
EN	Edge Nail	Sim	Similar
Eq	Equal	SPS	Structural Plywood Sheathing
Exp	Expansion	Sq	Square
FDGM	Free Draining Granular Material	Stagg	Staggered
FG	Finish Grade	Std	Standard
FL	Flow Line	SW	Stud Weld
Fir	Floor	Sym	Symmetrical
FN	Face (Field) Nail	T&G	Tongue-and-Groove
FOC	Face of Concrete	TN	Toe Nail
FOM	Face of Masonry	TS	Tube Steel
FOS	Face of Stud	Typ	Typical
Ftg	Footing	UON	Unless Otherwise Noted
Ga	Gage	Vert	Vertical
Galv	Galvanized		
GLM	Glue Laminated Member		
Gyp Bd	Gypsum Board		

SYMBOLS

	Blocking in Section or Elevation		CMU Wall on Plan Views
	Continuous Member in Section		Dropped Slab on Plan Views
	End of Member		Reinforced Concrete
	Bearing Wall		Sand
	Shear Wall		Structural Backfill
	Length Shearwall Schedule Symbol		Structural Excavation
	Reference		Original Ground
	Glue Laminated Member Section		Limits of Structural Backfill (shown on plan view)
	North Arrow		Free Draining Granular Material
	Partial Section Cut		Bottom of Footing
	Full Section Cut		Elevation or Working Point
	Revision Callout		Existing Features
	Grid Line Indicator		Holdown, Typ (Manufacturers are those noted in the order shown.)
	Center Line		Frame Connector (Manufacturers are those noted in the order shown.)
	Station Line		Detail Number or Note Number Additional Reference (if required) Sheet Number
	Steel Plate		
	Diameter		
	Square		

- DESIGN NOTES**
- Design: The building work on this project has been designed to conform to the 2001 California Building Code.
 - Loads: Live Loads : Roof 20 PSF
 Wind : 85 MPH, Exposure C, I-I.O GC_{pl} = ±0.18
 Seismic : S_s = 0.555g, S_i = 0.202g, Site Class D
 S_{DS} = 0.502g, S_{DI} = 0.269g, Seismic Design Cat D
 C_s = 0.10, R = 5.1, I-I.O, Occupancy Category II
 Roof Snow Loads : 32 PSF
 - Structural Steel : f_y = 50,000 PSI Min
 Structural Tube : f_y = 46,000 PSI Min
 - Reinforced Concrete Masonry Units (Allowable Stress Design)
 f'_m = 2,000 psi
 f_y = 60,000 psi
 Concrete Masonry Units fully grouted and special inspection.
 - Reinforced Concrete : f'_c = 3,000 PSI
 f_y = 60,000 PSI
 - Foundation :
 Soils report dated: July 26, 2007
 Allowable Soil Pressure (Dead Load + Live Load): 2,000 psf
 See Log of Test Borings sheet.
 - All Miscellaneous Metal to be hot-dip galvanized after fabrication.
 - Building dimensions are based on CMU block module of 8" x 8" x 16".
 - Mechanical Expansion Anchors shall be 5/8" dia and have 4" minimum embedment, 3'-0" max spacing and placed 6" maximum spacing from ends, two minimum per connection, unless otherwise shown.

1 REVISED PER ADDENDUM No. 1 DATED MARCH 23, 2010

NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE NO. 17M5717		NEVADA CITY MAINTENANCE STATION		SHEET ST-0	
FILE NO. XS-25-0	DESIGN BY Sean Seibel	CHECKED Joe Gandy	APPROVED R.E. Travis	DEPARTMENT OF TRANSPORTATION		ARCHITECTURAL AND STRUCTURAL DESIGN		POST MILE 15.9		RESIDENT MECHANIC'S FACILITY		LEGEND	
DRAWING DATE 1-04	DETAILS BY George E. Rowe	CHECKED [Signature]	DESIGN SUPERVISOR	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		CU 03225 EA 318001		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	

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