

PLANT SCHEDULE CUMMULATIVE PLANT LIST

TREES	ECO-TYPE	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE
	SN	30	Calocedrus decurrens / Incense Cedar	-	-	6' HT.
	GB	1	Catalpa speciosa / Northern Catalpa	-	2" Cal	-
	SN	20	Gleditsia triacanthos 'Skyline' / Skyline Honeylocust	-	2" Cal	-
	GB	73	Juniperus scopulorum / Rocky Mt. Juniper	-	-	6' HT.
	GB	38	Juniperus scopulorum 'Blue Haven' / Blue Haven Juniper	-	-	6' HT.
	GB	62	Pinus edulis / Pinon Pine	-	-	4' HT.
	SN	46	Pinus jeffreyi / Jeffrey Pine	-	-	6' HT.
	GB	29	Pinus strobiformis / Southwestern White Pine	-	-	6' HT.
	SN	5	Prunus padus 'Bird Cherry' / Bird Cherry	-	-	8'-10' Ht. (Multi-trunk)
	SN	6	Quercus rubra / Red Oak	-	2" Cal	-
	GB	27	Robinia pseudoacacia 'Frisia' / Frisia Locust	-	2" Cal	-
	SN	2	Sequoiadendron giganteum / Giant Sequoia	-	-	8' HT.
	GB	26	Ulmus 'Frontier' / Frontier Elm	-	2" Cal	-

SHRUBS	ECO-TYPE	QTY	BOTANICAL NAME / COMMON NAME	CONT
	SN/GB	44	Acer ginnala / Amur Maple	5-gal (Multi-trunk)
	SN	76	Amelanchier utahensis / Serviceberry	5 gal
	GB	73	Artemisia tridentata / Big Sagebrush	1 gal or Dee Pot
	GB	39	Atriplex canescens / Fourwing Saltbush	1 gal or Dee Pot
	GB	87	Cercocarpus ledifolius / Curl-Leaf Mt. Mahogany	5 gal
	GB	22	Chrysothamnus nauseosus / Rabbitbrush	1 gal or Dee Pot
	SN	124	Cornus sericea / Redtwig Dogwood	5 gal
	SN/GB	23	Cotoneaster lucidus / Peking Cotoneaster	5 gal
	GB	40	Elaeagnus commutata / Silverberry	5 gal
	GB	21	Elaeagnus umbellata / Autumn Olive	5 gal
	GB	141	Fallugia paradoxa / Apache Plume	5 gal
	GB	9	Forestiera neomexicana / New Mexican Privet	5 gal
	SN	36	Physocarpus opulus / Ninebark	5 gal
	SN	14	Prunus americana / American Plum	5 gal
	GB	36	Prunus besseyi 'Pannee Buttes' / Pannee Buttes Sandcherry	5 gal
	SN	24	Prunus virginiana / Chokecherry	5 gal
	GB	33	Purshia tridentata / Bitterbrush	1 gal or Dee Pot

ECO-TYPE LEGEND

GB	GREAT BASIN PLANT PALETTE
SN	SIERRA NEVADA PLANT PALETTE
GB/SN	BOTH GREAT BASIN & SIERRA NEVADA PALETTES
RA	RANCH/FARM PALETTE

SHRUBS	ECO-TYPE	QTY	BOTANICAL NAME / COMMON NAME	CONT
	SN/GB	15	Rhamnus frangula 'Asplenifolia' / Fernleaf Buckthorn	5 gal
	GB	148	Rhus aromatica 'Gro-Low' / Gro-Low Sumac	5 gal
	GB	171	Rhus trilobata / Three-Leaf Sumac	5 gal
	GB	152	Ribes aureum / Golden Currant	5 gal
	SN	30	Salix lemmonii / Lemon Willow	5 gal
	SN	69	Symphoricarpos albus / Snowberry	5 gal
	SN	10	Syringa vulgaris 'Monge' / Monge Lilac	5 gal

ANNUALS/PERENNIALS	ECO-TYPE	QTY	BOTANICAL NAME / COMMON NAME	CONT
	GB	41	Gaillardia x grandiflora 'Arizona Sun' / Blanketflower	1 gal
	GB	22	Hesperaloe parviflora / Red Yucca	1 gal
	SN/GB	252	Oenothera berlandieri / Evening Primrose	1 gal
	GB	37	Penstemon richardsonii / Cutleaf Beardtongue	1 gal
	SN/GB	142	Penstemon strictus / Rocky Mt. Penstemon	1 gal
	GB	26	Salvia dorrii / Purple Sage	1 gal
	GB	59	Sphaeralcea grossularifolia / Globemallow	1 gal

GRASSES	TYPE	QTY	BOTANICAL NAME / COMMON NAME	CONT
	RA	15	Calamagrostis arundinacea 'Karl Foerster' / Feather Grass	1 gal
	RA	24	Chasmanthium latifolium / Northern Sea Oats	1 gal
	RA	18	Panicum virgatum 'Hamelin' / Dwarf Fountain Grass	1 gal

ISSUE RECORD / REVISION:
PURPOSE: _____ DATE: _____
REV: _____

WINSTON 4696 Broadway
W Boulder, CO 80304
ASSOCIATES Tel: 303-440-9200
Fax: 303-449-6911
winstonassociates.com

SANDRA WENDEL & ASSOCIATES
1624 10th STREET, SUITE 3
MINDEN, NV 89423
PH: 775-782-8942 FX: 775-782-8943
SANDRA@SWLA.COM
NV #301 AND CA #2806

CARSON CITY FREEWAY
LANDSCAPING PROJECT
CARSON CITY, NEVADA



NO SCALE

PREPARED FOR:



SHEET NAME:

LANDSCAPE
LEGEND

DATE: 03/11/11

DRAWN BY: SW

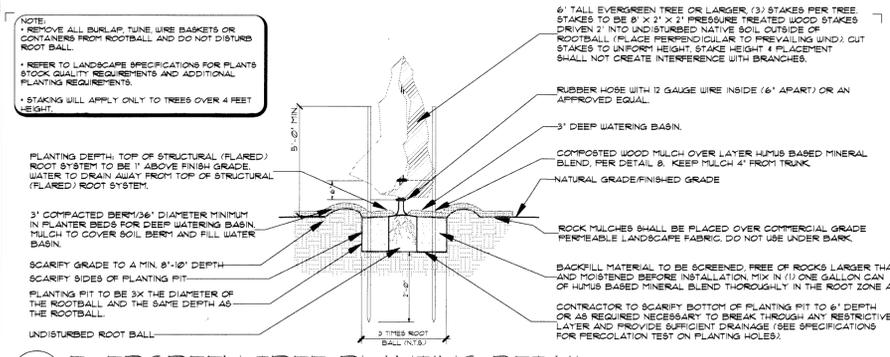
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SHEET
NUMBER:

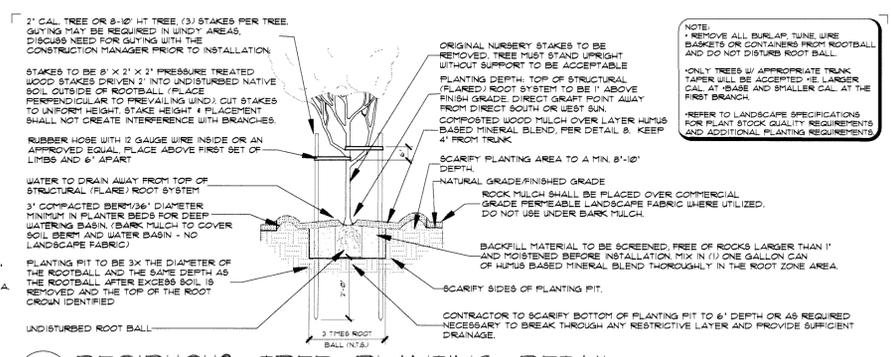
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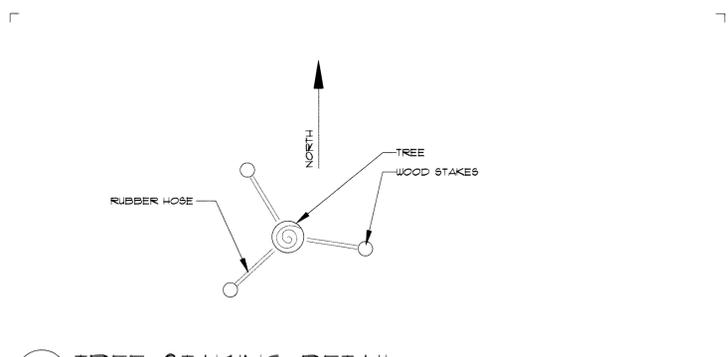
**CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**



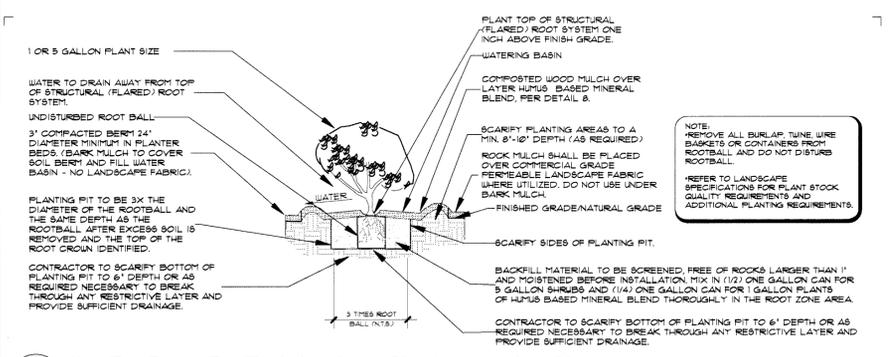
1 EVERGREEN TREE PLANTING DETAIL
 ***SEE SOIL CONDITIONING DETAIL (2) AND AMENDMENT AREA DETAIL (7) FOR THE BASIN SIZE AND CUSTOM SURFACE AMENDMENT TREATMENT TO BE USED ON THIS PROJECT. NOT TO SCALE



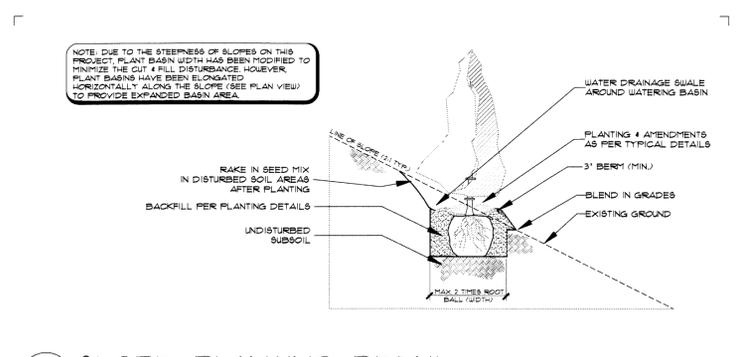
2 DECIDUOUS TREE PLANTING DETAIL
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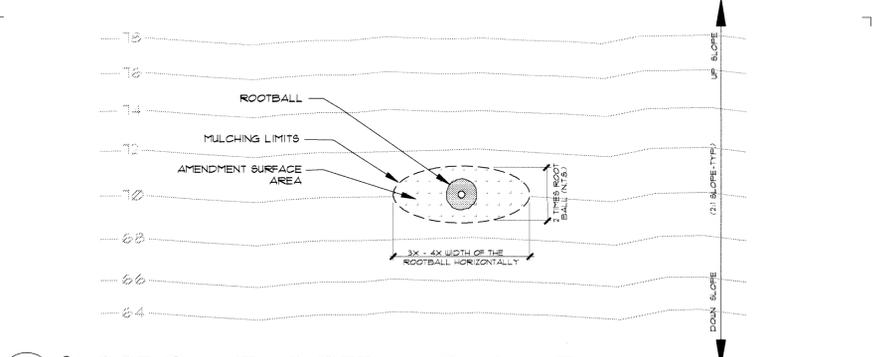
3 TREE STAKING DETAIL (PLAN VIEW)
 NOT TO SCALE



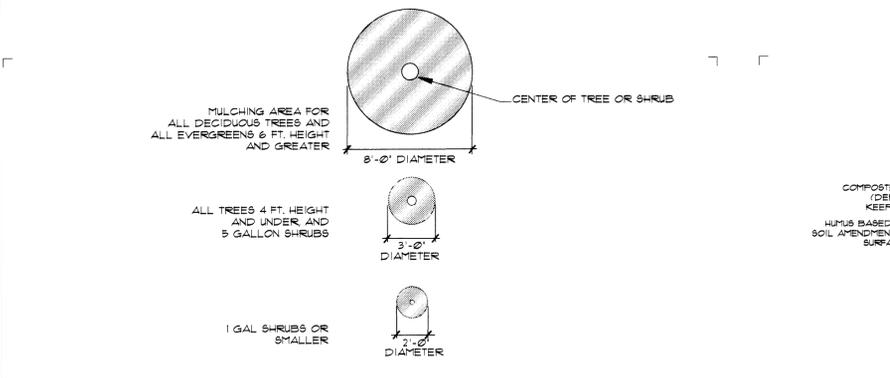
4 SHRUB & PERENNIAL PLANTING DETAIL
 ***SEE SOIL CONDITIONING DETAIL (2) AND AMENDMENT AREA DETAIL (7) FOR THE BASIN SIZE AND CUSTOM SURFACE AMENDMENT TREATMENT TO BE USED ON THIS PROJECT. NOT TO SCALE



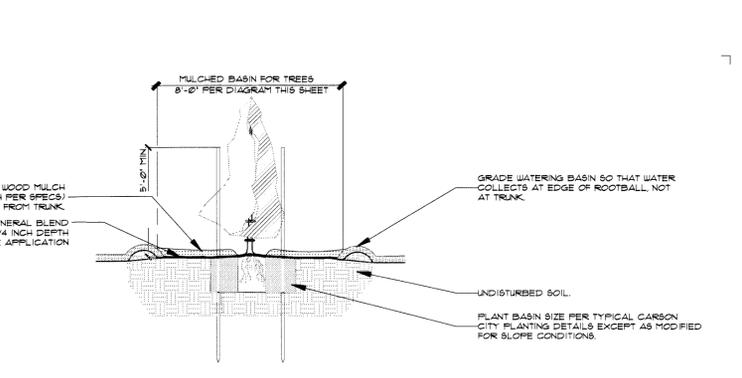
5 SLOPE PLANTING DETAIL FOR TREES AND SHRUBS
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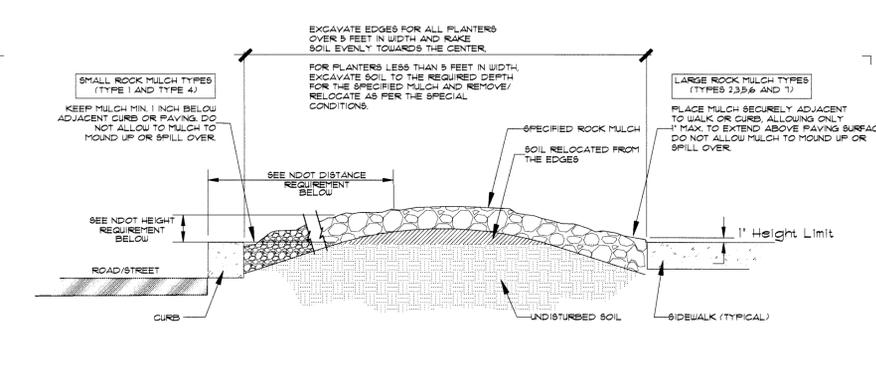
6 SLOPE PLANTING DETAIL (PLAN VIEW)
 NOT TO SCALE



7 TREE AND SHRUB AMENDMENT AREA (PLAN VIEW)
 NOT TO SCALE



8 SOIL CONDITIONING DETAIL
 ***STAKING WILL APPLY ONLY TO TREES OVER 4' HEIGHT. NOT TO SCALE



9 SOIL EXCAVATION IN AREAS OF ROCK MULCH (TYPICAL)
 ** NDOT CLEARZONE REQUIREMENTS. ROCK MULCH MUST BE KEPT A MAXIMUM 4" (INCHES) HEIGHT ABOVE THE TOP OF CURB FOR A MINIMUM OF 10 FEET FROM THE EDGE OF ROADWAY FOR ALL LANDSCAPE AREAS EXCEPT NORTH CARSON INTERCHANGE, EAST COLLEGE PARKWAY INTERCHANGE AND HWY 50 (EAST) INTERCHANGE, WHERE 16 FEET IS THE REQUIREMENT.

NO SCALE

PREPARED FOR:

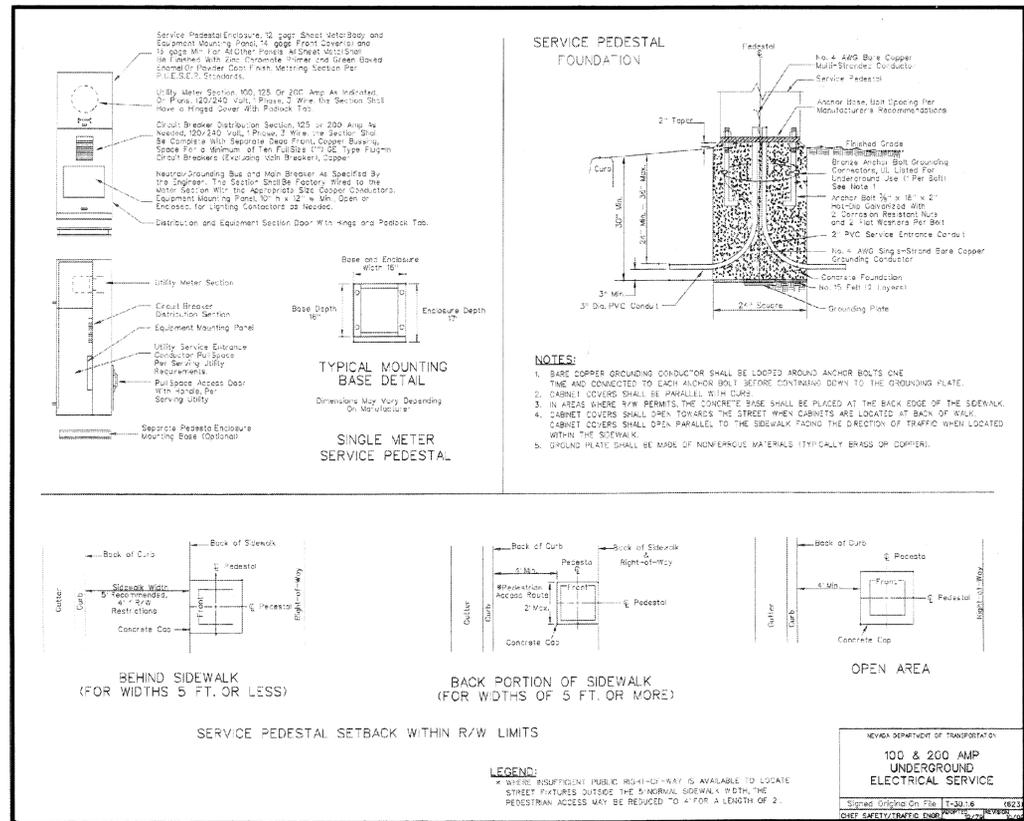
SHEET NAME:
**LANDSCAPE
 DETAILS**

DATE: 03/11/11

DRAWN BY: SW

CHECKED BY: SW

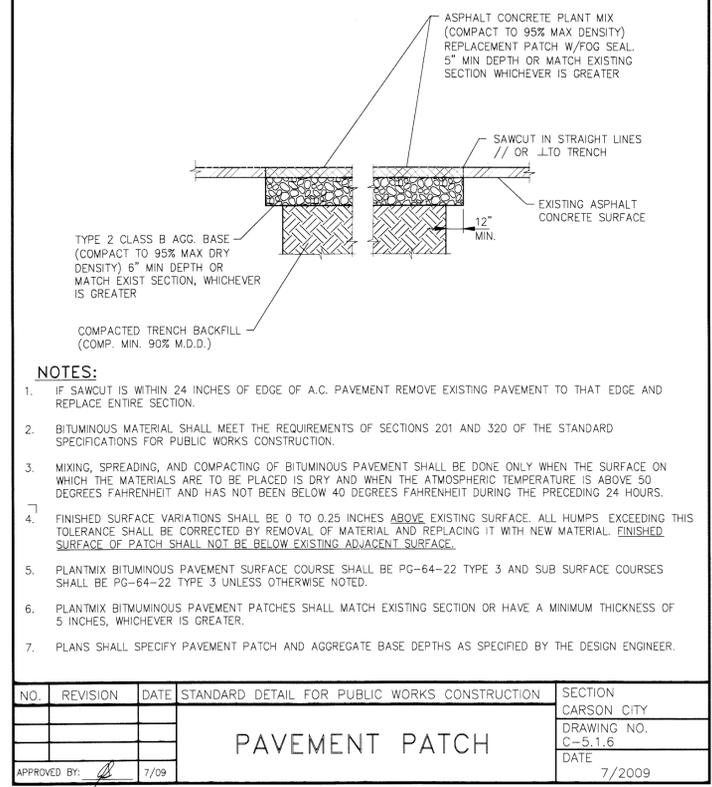
SHEET NUMBER:
D-702



22 200 AMP SERVICE PEDESTAL
 REFER TO NDOT'S SILVER BOOK, SECTION 623, SIGNALS, LIGHTING AND INTELLIGENT TRAFFIC SYSTEMS FOR SPECIFICATIONS RELATED TO THE INSTALLATION OF THE SERVICE PEDESTAL AND FOR THE NDOT QUALIFYING PRODUCT LIST (QPL) FOR APPROVED PRODUCTS.

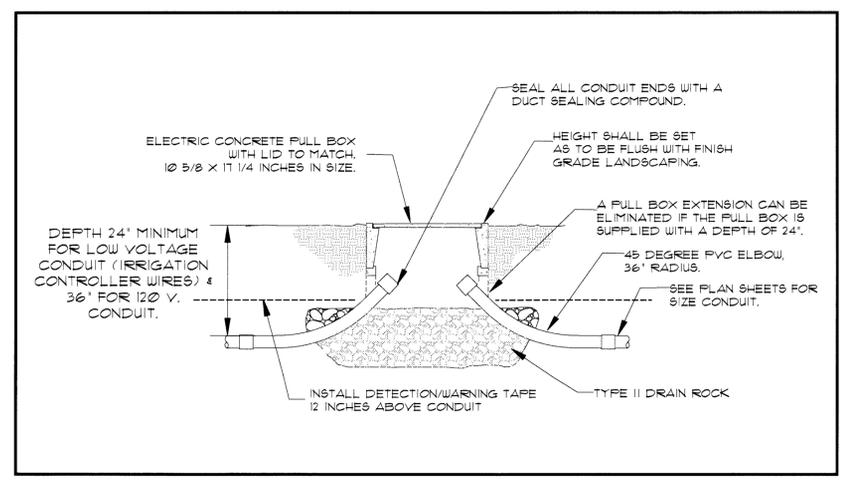
- ALL WORK SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (SSPC) AND THE "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" (SDPC) AS ADOPTED BY CARSON CITY. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR PUBLIC WORKS CONSTRUCTION FROM THE CARSON CITY PERMIT CENTER PRIOR TO THE START OF CONSTRUCTION.
 - ALL TRAFFIC CONTROL AND BARRICADING WITHIN THE CARSON CITY RIGHT-OF-WAY SHALL CONFORM TO SECTION 100.33, 332.04 AND 332.05 OF THE STANDARD SPECIFICATIONS, PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND THE UNR 12 CENTER, TEMPORARY TRAFFIC CONTROL GUIDELINES LATEST EDITION. A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CARSON CITY ENGINEERING DIVISION PRIOR TO ANY STREET CLOSURES.
 - THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT "CALL BEFORE YOU DIG" (811) OR (1-800-227-2600) AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION AND COMPLY WITH THE REQUIREMENTS OF NRS AND NAC 455 THROUGHOUT THE COURSE OF THE WORK. SEWER SERVICE LATERALS ARE NOT OWNED OR MARKED BY CARSON CITY.
 - THE CONTRACTOR SHALL CALL THE CARSON CITY ENGINEERING DIVISION (887-2300) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL ONE (1) WORKING DAY PRIOR TO REQUIRED INSPECTIONS AND TESTING. THE REQUIRED INSPECTIONS AND TESTING ARE LISTED ON THE INSPECTION RECORD ISSUED WITH EACH PERMIT. THE CONTRACTOR MUST HAVE THE PERMIT NUMBER AND THE DESCRIPTION LISTED ON THE INSPECTION RECORD TO SCHEDULE REQUIRED INSPECTIONS AND TESTING. FOR CITY CONTRACTED PROJECTS, THE CONTRACTOR SHALL SCHEDULE INSPECTIONS PER THE CONTRACT DOCUMENTS.
 - FINAL INSPECTIONS WILL BE PERFORMED BY CARSON CITY ENGINEERING DIVISION ACCORDING TO THE CARSON CITY INSPECTIONS AND TESTING PROCEDURES. NOTE: THESE PROCEDURES REQUIRE SUBMITTAL OF RECORD DRAWING PRINTS BY THE CONTRACTOR AND 10 WORKING DAYS TO PREPARE A FINAL PUNCH LIST. ALL CONDITIONS OF THE FINAL INSPECTION MUST BE COMPLETED PRIOR TO FINAL ACCEPTANCE OR ANY APPROVAL OF A CERTIFICATE OF OCCUPANCY BY THE CARSON CITY ENGINEERING DIVISION.
 - MODIFICATIONS TO THE APPROVED PLANS REQUIRES REVIEW AND APPROVAL BY THE CARSON CITY ENGINEERING DIVISION. WORK PERFORMED WITHOUT WRITTEN APPROVAL BY CARSON CITY ENGINEERING WILL REQUIRE REMOVAL AT THE CONTRACTORS EXPENSE.
 - THE APPROVED PLAN, PERMIT AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.
 - PLAN APPROVAL FOR SEWER AND WATER CONSTRUCTION SHALL EXPIRE ONE YEAR FROM DATE OF APPROVAL UNLESS CONSTRUCTION HAS BEEN INITIATED. (CCMC 12.06.180F, 12.01.140D)
 - THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ACQUIRING A STORMWATER DISCHARGE PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) INCLUDING DEVELOPING, SUBMITTING AND IMPLEMENTING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL DEVELOP, PLACE AND MAINTAIN STORM WATER PROTECTION DEVICES IN COMPLIANCE WITH THE NEVADA CONTRACTORS FIELD GUIDE FOR CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (JUNE 2008).
- | NO. | REVISION | DATE | STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION | SECTION CARSON CITY |
|--------------------------|----------|------|---|---------------------|
| | | | | |
| APPROVED BY: [Signature] | | | | DATE: 7/2009 |

GENERAL NOTES



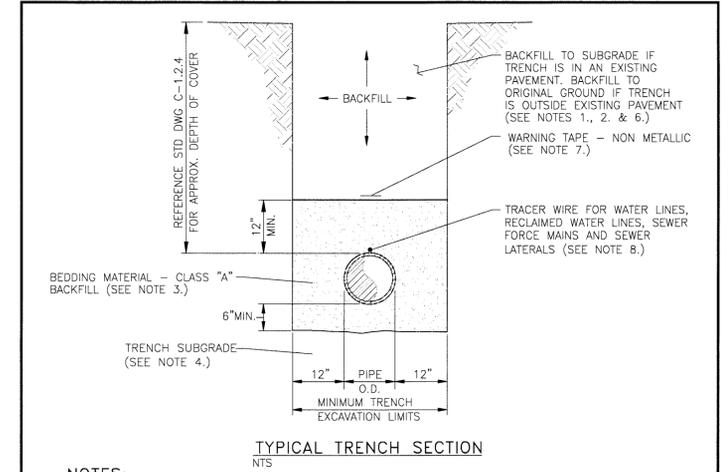
PAVEMENT PATCH

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
APPROVED BY: [Signature]				DATE: 7/2009



23 CONCRETE PULL BOX

REFER TO NDOT'S SILVER BOOK, SECTION 623, SIGNALS, LIGHTING AND INTELLIGENT TRAFFIC SYSTEMS FOR SPECIFICATIONS RELATED TO THE INSTALLATION OF THE SERVICE PEDESTAL AND FOR THE NDOT QUALIFYING PRODUCT LIST (QPL) FOR APPROVED PRODUCTS.



NOTES:

- WATER DENSIFIED BACKFILL AND TUNNELING SHALL BE BY SPECIAL PROVISION ONLY.
- BACKFILL SHALL CONFORM TO THE REQUIREMENTS OF CLASS E BACKFILL AS SPECIFIED IN SUBSECTION 200.03.06 OF THE SSPWC. MATERIAL SHALL BE PLACED IN LIFT THICKNESS SPECIFIED IN SUBSECTION 305.10 OF THE SSPWC AND DENSIFIED TO 90% RELATIVE COMPACTION.
- BEDDING SHALL CONFORM TO THE REQUIREMENTS OF CLASS A BACKFILL AS SPECIFIED IN SUBSECTION 200.03.02 OF THE SSPWC. MATERIAL SHALL BE DENSIFIED TO 90% RELATIVE COMPACTION.
- PLANS SHALL INCLUDE A DETAIL FOR SUBGRADE STABILIZATION INCLUDING BACKFILL MATERIAL, STRUCTURAL GEOTEXTILE FILTER FABRIC AND MODIFIED CUTOFF COLLARS WHEN POTENTIAL FOR UNSTABLE SUBGRADES EXIST, SUBJECT TO THE APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
- FOR TRENCHES IN ROADWAY SECTION, SEE PAVEMENT PATCH DETAIL (DWG. NO. C-5.1.5).
- FOR THE PURPOSE OF PAYMENT, EXCAVATION AND BACKFILL QUANTITIES ARE BASED ON THESE STANDARD DRAWINGS, AND NO ADDITIONAL COMPENSATION WILL BE MADE. SHORING OR SLOPED CUT SLOPES MAY BE NECESSARY, BUT THERE WILL BE NO ADDITIONAL PAYMENT. ALL EXCAVATIONS SHALL CONFORM TO THE LATEST O.S.H.A. REQUIREMENTS.
- PLACE NON METALLIC WARNING TAPE 1 FOOT ABOVE ALL BURIED PIPES AND CONDUITS.
- TRACER WIRE SHALL BE 12 GAUGE (MINIMUM THICKNESS) INSULATED SOLID COPPER OR COPPER-CLAD STEEL CORE WIRE. INSULATION SHALL BE 30 MIL HDPE. PLANS SHALL SPECIFY WIRE STRENGTH AND INSULATION THICKNESS FOR BORING APPLICATIONS. SPICES SHALL BE CONNECTED BY WIRE NUTS, SEALED WITH AQUA SEAL OR SILICON FILLED, AND DOUBLE WRAPPED WITH U/L LISTED ELECTRICAL TAPE. TRACER WIRE COLOR SHALL BE, BLUE FOR WATER, PURPLE FOR RECLAIMED WATER, AND GREEN FOR SEWER.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION CARSON CITY
APPROVED BY: [Signature]				DATE: 7/2009

TRENCH EXCAVATION AND BACKFILL

ISSUE RECORD / REVISION:

PURPOSE	DATE
REV 01	09/11/11

WINSTON ASSOCIATES
 4696 Broadway
 Boulder, CO 80304
 Tel: 303-440-9200
 Fax: 303-449-6911
 www.winstona.com

SANDRA WENDEL & ASSOCIATES
 1624 10TH STREET, SUITE 3
 MINDEN, NV 89423
 PH: 775-782-8942 FAX: 775-782-8943
 SANDRA@WISA.COM
 NV #301 AND CA #2806

**CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**

NO SCALE

PREPARED FOR:

SHEET NAME:
TRENCHING & EQUIPMENT DETAILS

DATE: 09/11/11
 DRAWN BY: SW
 CHECKED BY: SW

SHEET NUMBER:
D-704

301

SANDRA WENDEL
 4/25/11

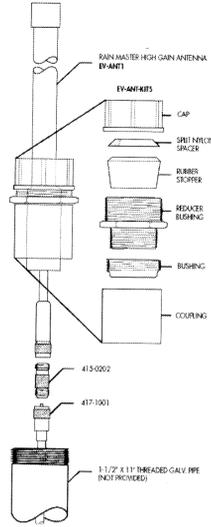
24 AC CUT AND PATCH DETAILS
 CARSON CITY STANDARD DETAILS. SEE ALSO CONCRETE SIDEWALK DETAIL, SHEET SD-809.

Evolution DX2 Antenna Installation

EV-ANT-KITS INCLUDES:
 1. 765-0104 CAP SPRING STOPPER REDUCER
 2. 765-0103 BUSHING
 3. 765-0102 COUPLING

EV-ANT-F INCLUDES:
 1. EV-ANT-F 5/8" ANTENNA
 2. 415-0202 TRIM-NUT-TO-PIPE ADAPTER
 3. 417-1001 20' COAX CABLE
 4. 415-0207 SHIFTING ADAPTER (NOT SHOWN)

- ASSEMBLY INSTRUCTIONS:**
1. FEED THE COAX CABLE (417-1001) TO THE TOP OF THE GALVANIZED PIPE.
 2. CONNECT EV-ANT-F TO MATING CONNECTOR 415-0202.
 3. THREAD REDUCER INTO 1 1/2" COUPLING.
 4. THREAD REDUCER BUSHING INTO COUPLER BUSHING ASSEMBLY.
 5. SET ASSEMBLY OVER TOP OF ANTENNA UNTIL IT STOPS AT ANTENNA BASE.
 6. SET RUBBER STOPPER WITH SMALL END DOWN OVER TOP OF ANTENNA.
 7. EXPAND SPRIT-NUT SPACER ABOVE COUPLING ASSEMBLY.
 8. SET CAP OVER TOP OF ANTENNA (DO NOT TIGHTEN CAP).
 9. THREAD PARTIALLY COMPLETED ASSEMBLY ONTO THE GALVANIZED PIPE.
 10. TIGHTEN CAP TO COMPRESS RUBBER AROUND ANTENNA.
 11. ROUTE BOTTOM OF ANTENNA CABLE THROUGH CONDUIT TO CONTROLLER.

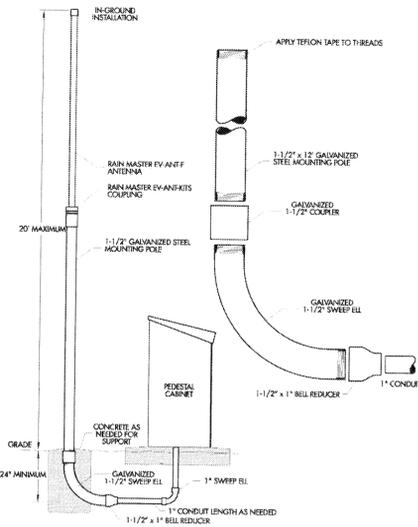


RMS Part No. 500519 Rev. B

Rain Master is a technology-based, innovative, environmentally sensitive company dedicated to providing water management solutions to the irrigation industry.



Evolution DX2 Antenna Installation

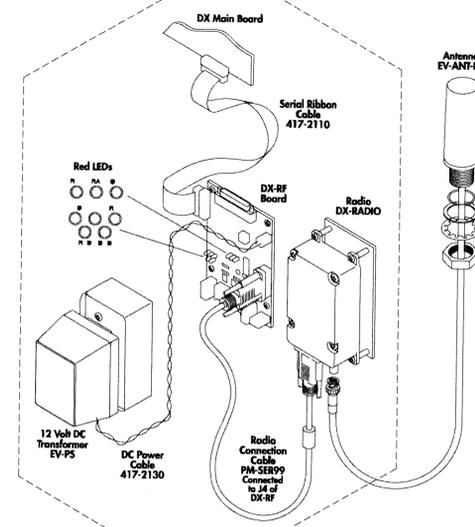


RMS Part No. 500518 Rev. C

Rain Master is a technology-based, innovative, environmentally sensitive company dedicated to providing water management solutions to the irrigation industry.

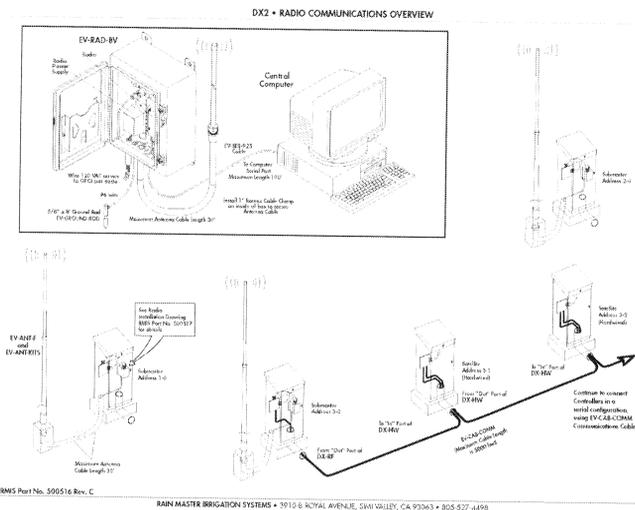


Evolution DX2 Radio Installation Inside Controller



RMS Part No. 500517 Rev. A

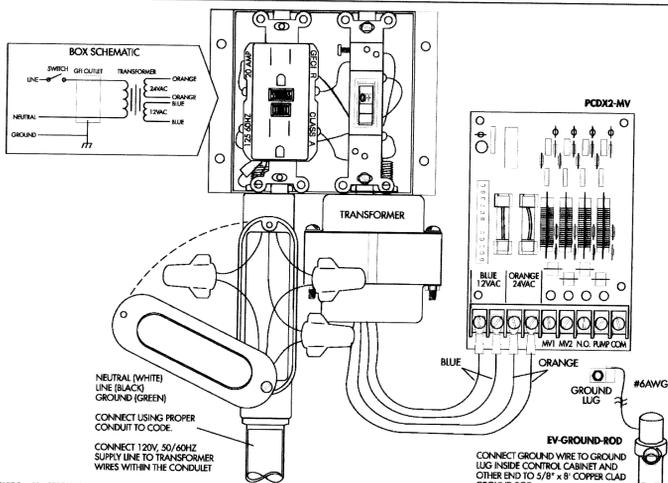
Rain Master is a technology-based, innovative, environmentally sensitive company dedicated to providing water management solutions to the irrigation industry.



RMS Part No. 500516 Rev. C

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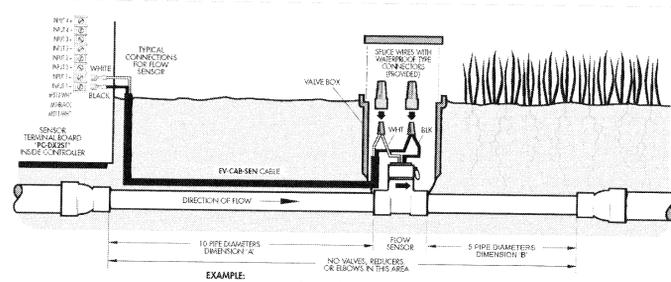
EVOLUTION DX2 • AC WIRING DIAGRAM



RMS Part No. 500508 Rev. A

RAIN MASTER IRRIGATION SYSTEMS • 3910-B ROYAL AVENUE, SIMI VALLEY, CA 93063 • 805-527-4498

EVOLUTION DX2 • FLOW SENSOR INSTALLATION



UPON COMPLETION OF THE PHYSICAL INSTALLATION OF THE FLOW SENSOR, COMPLETE THE WIRING CONNECTION FROM THE FLOW SENSOR TO THE DX2 CONTROLLER BY FOLLOWING THE PROCEDURE BELOW.

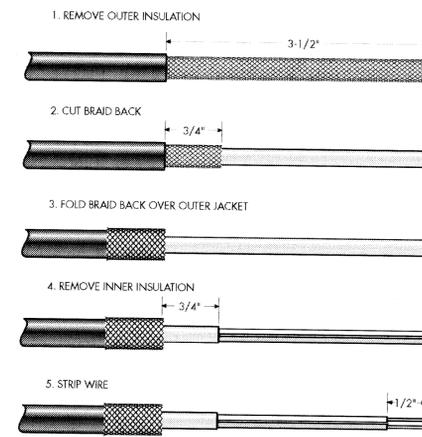
1. TURN THE POWER OFF AT THE CONTROLLER.
2. At the Flow Sensor:
 Connect the BLACK wire of the Flow Sensor to the BLACK wire of the "EV-CAB-SEN" sensor cable.
 Connect the WHITE wire of the Flow Sensor to the WHITE wire of the "EV-CAB-SEN" sensor cable.
 *Use the weatherproof connectors provided with the Flow Sensor to make the connection.
3. At the controller:
 Connect BLACK wire of "EV-CAB-SEN" to "INPUT 1-" of the SENSOR TERMINAL BOARD (PC-DX2ST).
 Connect WHITE wire of "EV-CAB-SEN" to "INPUT 1+" of the SENSOR TERMINAL BOARD (PC-DX2ST).
4. Turn POWER ON at the controller.
5. Set the Rain Master "K" and "OFFSET" values for the Flow Sensor of the controller based on the type and size of the Flow Sensor installed.

REFER TO THE TABLE PROVIDED WITH THE FLOW SENSOR FOR CORRECT "K" AND "OFFSET" FOR YOUR APPLICATION.

RMS Part No. 500528 Rev. B

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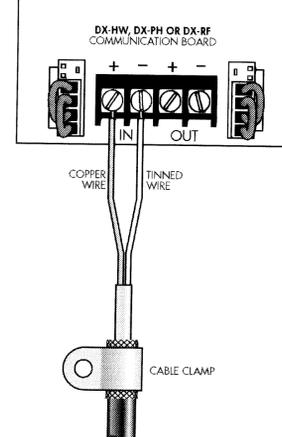
PREPARE EV-CAB-COMM CABLE



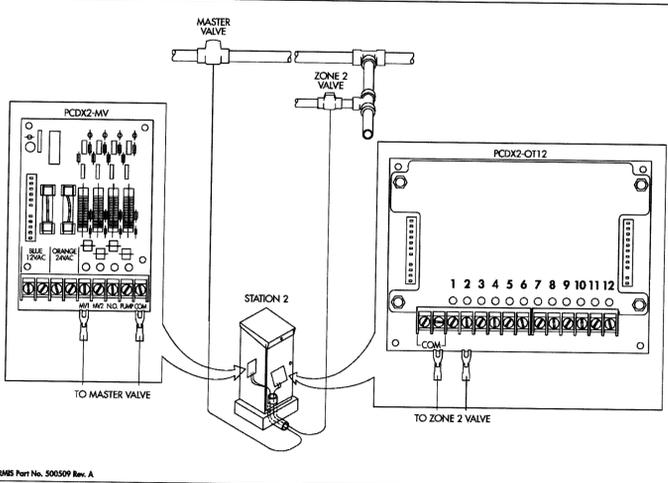
RMS Part No. 500512 Rev. C

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SECURE AND CONNECT AS SHOWN

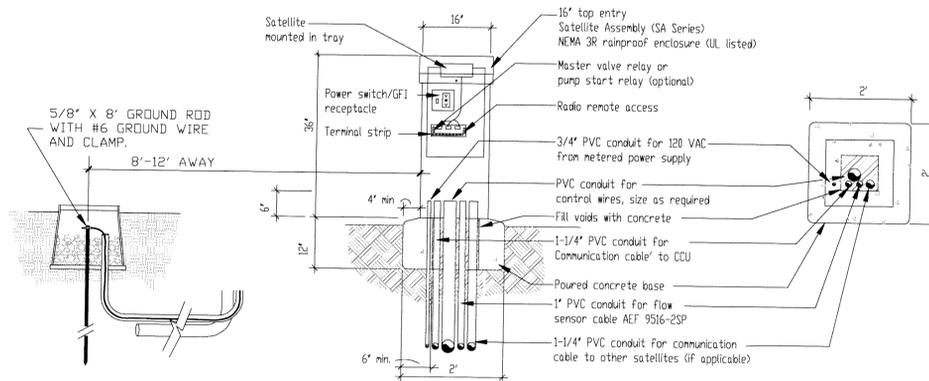


EVOLUTION DX2 • MASTER VALVE AND STATION CONNECTIONS

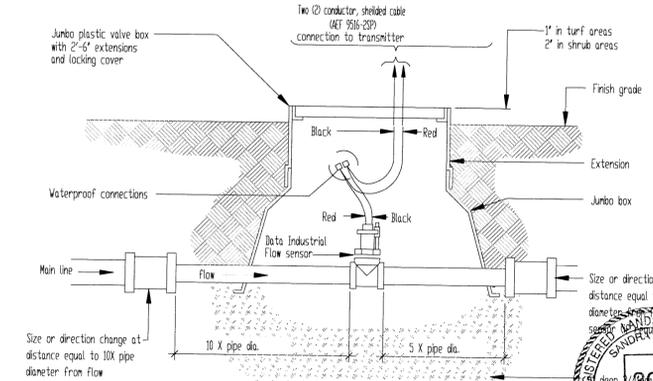


RMS Part No. 500509 Rev. A

RAIN MASTER IRRIGATION SYSTEMS • 3910-B ROYAL AVENUE, SIMI VALLEY, CA 93063 • 805-527-4498



16"x16" Satellite Assembly - Top Entry (SA6 Series)



Flow Sensor

ISSUE RECORD / REVISION:
 PURPOSE DATE
 BID SET 04/25/11

WINSTON 4696 Broadway
 ASSOCIATES Boulder, CO 80304
 Tel: 303-440-9200
 Fax: 303-449-6911
 winstonassociates.com

SANDRA WENDEL & ASSOCIATES
 1624 10th STREET, SUITE 3
 MINDEN, NV 89429
 PH: 775-762-6942 FX: 775-762-6943
 SANDRA@RWLSA.COM
 NV 8301 AND CA #2806

CARSON CITY FREEWAY LANDSCAPING PROJECT CARSON CITY, NEVADA



NO SCALE

PREPARED FOR:



SHEET NAME:
**RAINMASTER
 DETAILS**

DATE: 04/25/11

DRAWN BY: SW

CHECKED BY: SW

SHEET NUMBER:

D-705



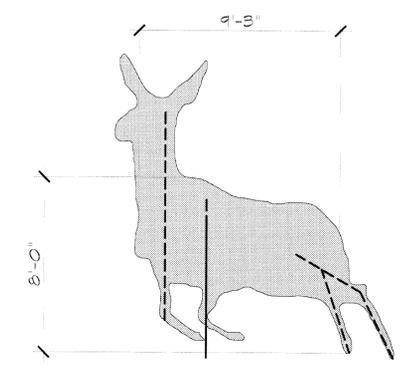
WINSTON ASSOCIATES 4696 Broadway Boulder, CO 80304 Tel: 303-440-9200 Fax: 303-449-6911 winstonassociates.com

Resource Concepts, Inc. Engineering • Planning • Resource Management

340 N. Minnesota Street, Carson City, Nevada 89703 (775)883-1600 www.rci-nv.com

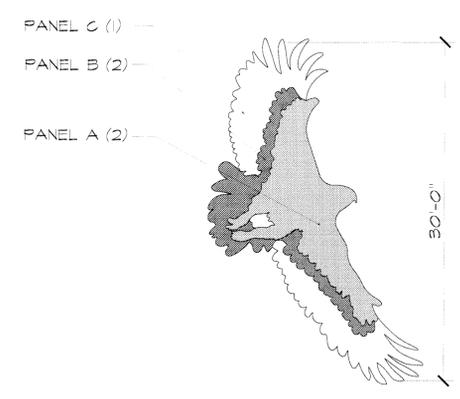
CARSON CITY FREEWAY LANDSCAPING PROJECT CARSON CITY, NEVADA

NOTES FOR MULE DEER METAL CUT OUTS: 1. CUT OUTS SHALL BE FABRICATED PER SPECIFICATION SECTION 05999 AND STRUCTURAL DETAILS. 2. GRAY SCALE SHADING REPRESENTS SEPARATE CUT OUT PLATES. 3. CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. 4. ALL MULE DEER SHALL BE PLACED IN POSITION SHOWN ON PLANS ON SHEET SP 101 AND 102. SEE PLANS FOR HEAD AND TAIL LOCATION.



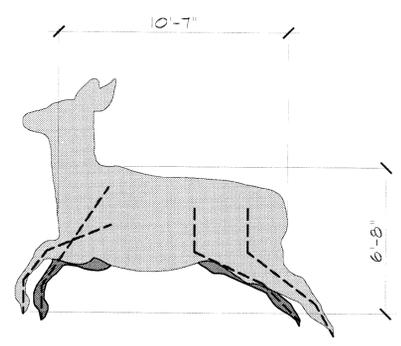
NOTE: DOE MULE DEER

3 MULE DEER METAL CUT OUT (C) SD-800 SCALE: 1/4" = 1'-0"

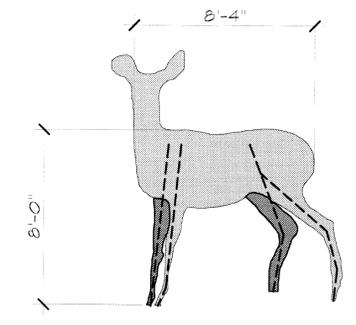


NOTES: 1. EAGLE SCULPTURE CONSISTS OF FIVE STEEL PLATES. (1) PANEL A, (2) PANEL B, (2) PANEL C. 2. SEE STRUCTURAL DETAIL FOR SUPPORTS, FOOTING, AND STEEL FABRICATION.

7 SECTION METAL EAGLE CUT OUT SD-800 SCALE: 1/8" = 1'-0"



5 MULE DEER METAL CUT OUT (E) SD-800 SCALE: 1/4" = 1'-0"



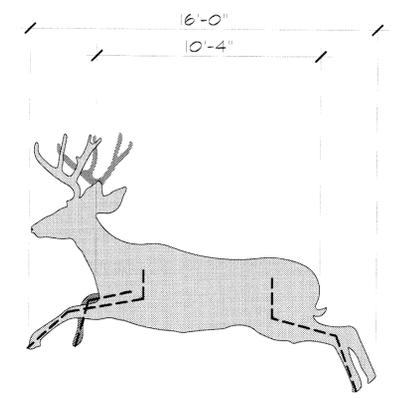
NOTE: FAWN MULE DEER

2 MULE DEER METAL CUT OUT (B) SD-800 SCALE: 1/4" = 1'-0"

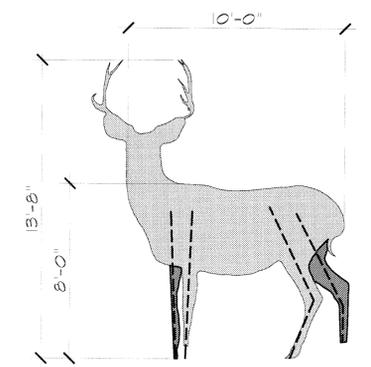


NOTES: 1. EAGLE IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING. 2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED. 3. EAGLE SHALL BE STAINED PER SPECIFICATION 03366. 4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

6 PLAN, IMAGE SANDBLASTED AND STAINED EAGLE SHADOW SD-800 SCALE: NTS



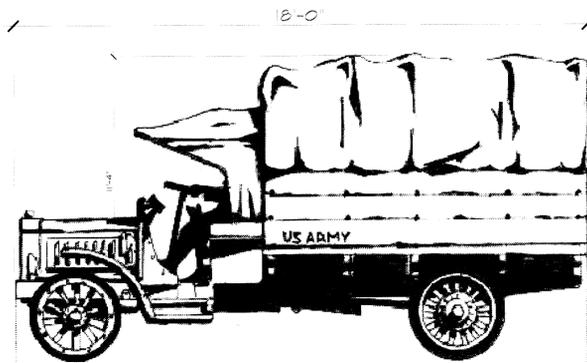
4 MULE DEER METAL CUT OUT (D) SD-800 SCALE: 1/4" = 1'-0"



1 MULE DEER METAL CUT OUT (A) SD-800 SCALE: 1/4" = 1'-0"

Professional Engineer Seal for J. R. Kirtley, State of Nevada, License No. 814, dated 4/23/11.

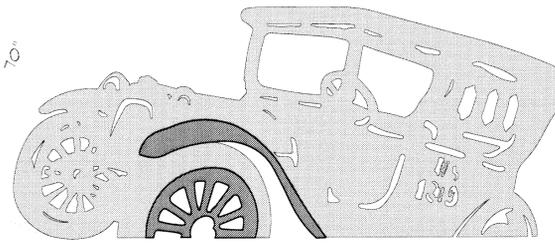
PREPARED FOR: NORTH CARSON STREET INTERCHANGE DETAILS DATE: 03-11-2011 DRAWN BY: RLR CHECKED BY: PMK SHEET NUMBER: SD-800



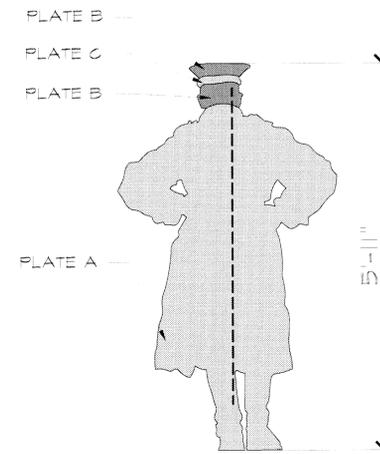
NOTES:
 1. TRUCK IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
 2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 3. TRUCK SHALL BE STAINED PER SPECIFICATION 03366.
 4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

9 TCMC TRUCK IMAGE C
 SD801 SCALE: 1/4" = 1'-0"

NOTES:
 1. METAL TOURING CAR CONSIST OF A TWO STEEL PLATES.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

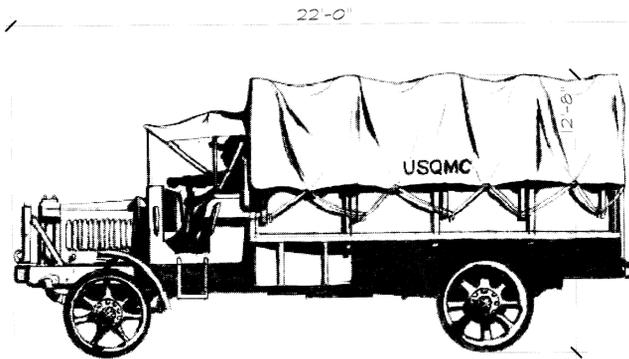


6 METAL OFFICER'S TOURING CAR STUCK IN SAND CUT OUT
 SD801 SCALE: 3/4" = 1'-0"



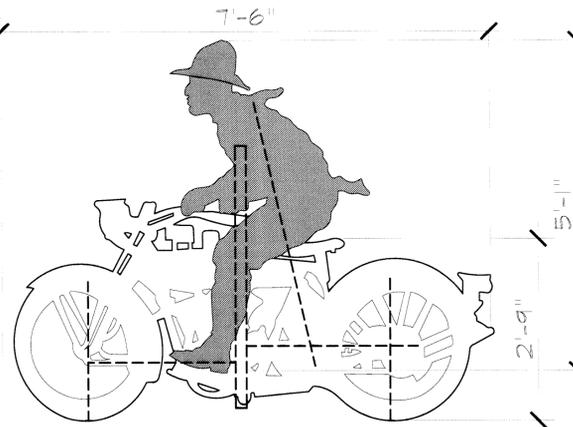
NOTES:
 1. Metal officer consist of two three steel plates- as noted.
 2. Steel cut out shall be mounted in footing per structural details. See S series sheets- supports shall be placed on back side to avoid VISIBILITY.

3 SECTION METAL OFFICER CUT OUT
 SD801 SCALE: 3/4" = 1'-0"



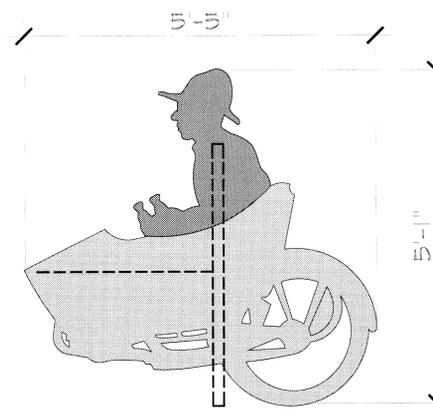
NOTES:
 1. TRUCK IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
 2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 3. TRUCK SHALL BE STAINED PER SPECIFICATION 03366.
 4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

8 TCMC TRUCK IMAGE B
 SD801 SCALE: 1/4" = 1'-0"

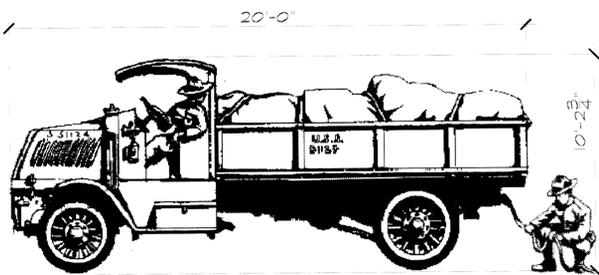


NOTE:
 1. METAL SCOUT AND SIDE CAR CONSIST OF FOUR SEPARATE PLATES.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL ENGINEER.
 SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

5 SECTION METAL MOTORCYCLE AND SCOUT CUT OUT
 SD801 SCALE: 3/4" = 1'-0"

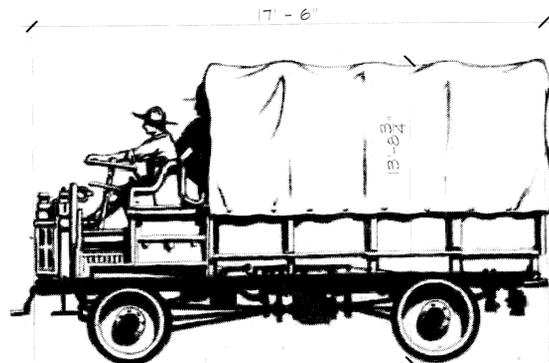


2 SECTION METAL SIDECAR AND RIDER CUT OUT
 SD801 SCALE: 3/4" = 1'-0"



NOTES:
 1. TRUCK IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
 2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 3. TRUCK SHALL BE STAINED PER SPECIFICATION 03366.
 4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

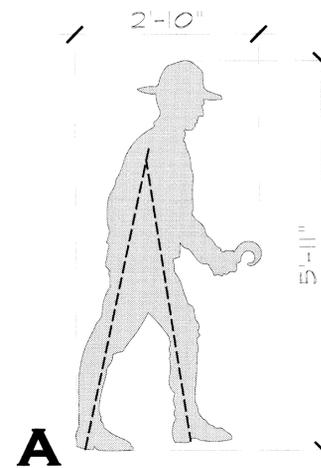
10 TCMC TRUCK IMAGE D
 SD801 SCALE: 1/4" = 1'-0"



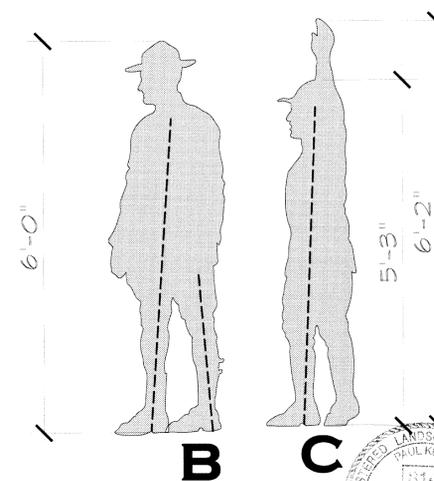
NOTES:
 1. TRUCK IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
 2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 3. TRUCK SHALL BE STAINED PER SPECIFICATION 03366.
 4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

7 TCMC TRUCK IMAGE A
 SD801 SCALE: 1/4" = 1'-0"

NOTE:
 1. METAL DOUGHBOY CUT OUTS CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL ENGINEER.
 SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

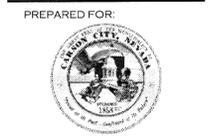


4 SECTION METAL DOUGHBOY A CUT OUT
 SD801 SCALE: 3/4" = 1'-0"



1 SECTION METAL DOUGHBOY CUT OUT B AND C
 SD801 SCALE: 3/4" = 1'-0"

**CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**

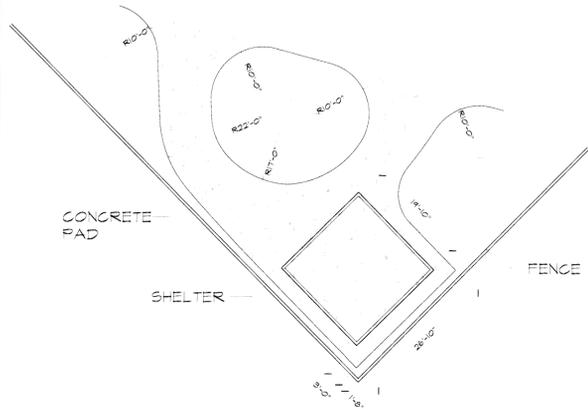


SHEET NAME:
ARROWHEAD DRIVE INTERCHANGE DETAILS

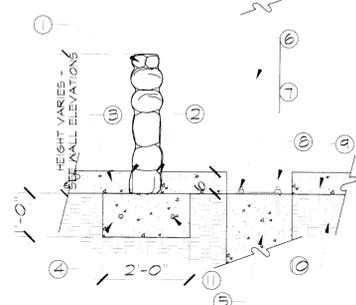
DATE: 03-11-2011
 DRAWN BY: RLR
 CHECKED BY: PMK

SHEET NUMBER:
SD-801



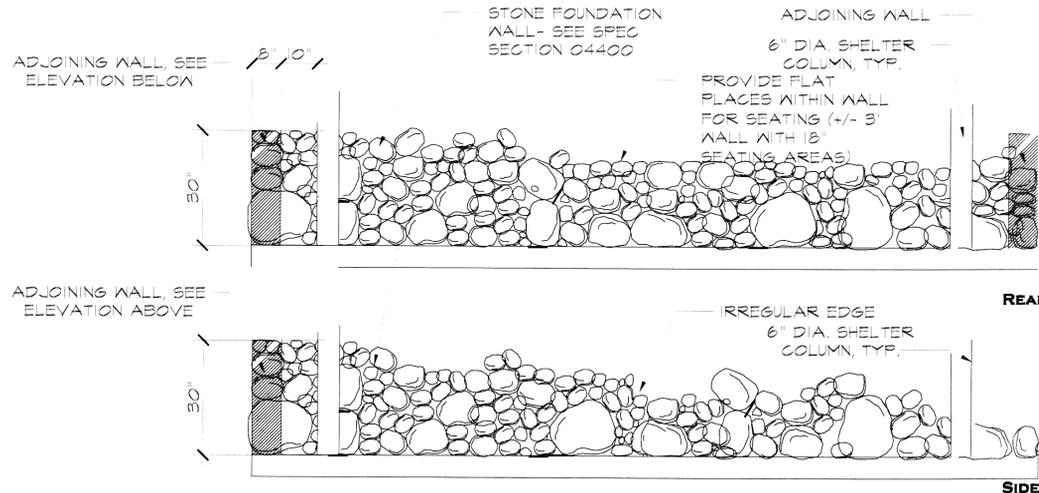


8 ENLARGEMENT PLAN FOR SHADE SHELTER
SD802 SCALE: 1/16" = 1'-0"



7 SHADE SHELTER FOOTING
SD802 SCALE: 1/2" = 1'-0"

- ① STONE FOUNDATION WALL. SEE SPEC SECTION 04400.
- ② 1/2" EXPANSION JOINT BOTH SIDES
- ③ 6" CONCRETE SLAB
- ④ CONCRETE FOOTING
- ⑤ CONCRETE FOUNDATION POST FOOTER PER MANUFACTURER'S SPECS OR STRUCTURAL ENGINEERED SHOP DRAWINGS
- ⑥ 6" DIA. SHADE SHELTER COLUMN
- ⑦ COLUMN MOUNTING BOLTS
- ⑧ BLOCK OUT- FILL WITH 3/4" COMPACTED CRUSHED ROCK (LIGHT GRAY)
- ⑨ 6" CONCRETE SLAB
- ⑩ COMPACTED SUBGRADE, TYP.
- ⑪ 2 #4 REBAR 2' OVERLAP AT CORNERS

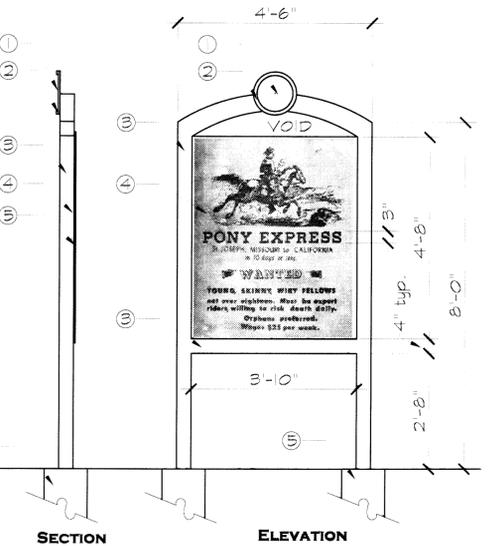


6 PONY EXPRESS SHELTER - WALLS
SD802 BID ALTERNATE

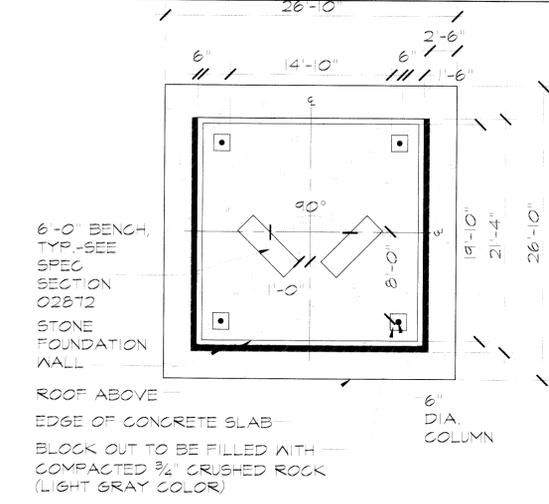
- ① ONE (1) CARSON CITY LOGO VINYL APPLIQUE-ART PROVIDED BY CITY CONSTRUCTION MANAGER
- ② 1/2" STEEL PLATE FRAME WITH 1/8" STEEL PLATE BACKING PANEL TO RECEIVE CITY LOGO. MOUNT BACKING PANEL FLUSH WITH REAR OF 1/2" FRAME.
- ③ 4" STEEL TUBE FRAME.- SEE S-802
- ④ PORCELAIN ENAMEL STEEL SIGN PANEL (PER SPEC SECTION 10430) ON 1/8" STEEL PLATE BACKING PANEL. STEEL BACKING PANEL TO BE MOUNTED FLUSH WITH REAR OF STEEL FRAME. MOUNT SIGN PANEL TO STEEL BACKING PLATE PER THE SIGN PANEL MANUFACTURER'S INSTALLATION RECOMMENDATIONS. SIGN PANEL ART WORK TO BE PROVIDED BY THE CITY CONSTRUCTION MANAGER.
- ⑤ CONCRETE FOOTING PER STRUCTURAL DRAWINGS. SEE S SERIES SHEETS.

NOTES:
SUBMIT SHOP DRAWINGS FOR SIGN PANEL FACE AND SIGN FRAME.
SIGN TO FACE THE MULTI-USE PATH.
ALL FRAME AND BACKING PANELS TO BE WEATHERING STEEL PER SPEC SECTION 05999.
FABRICATION PER SPEC SECTION 05999.

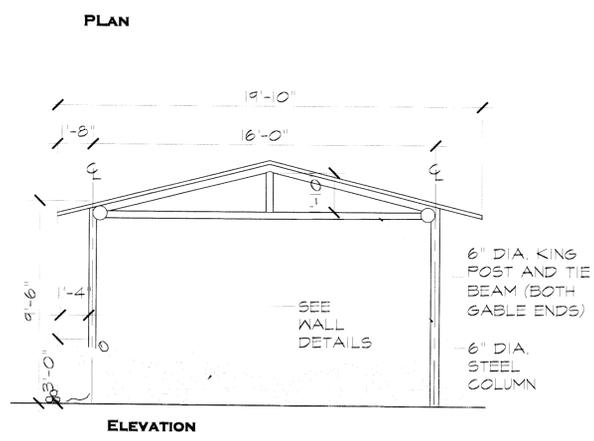
5 RECRUITING POSTER SIGN
SD802 SCALE: 1/2" = 1'-0"



NOTE: COBBOY IS SHOWN HERE FOR REFERENCE ONLY. SEE "METAL COBBOY RECRUIT DETAIL" FOR SPECIFIC DIMENSIONS.

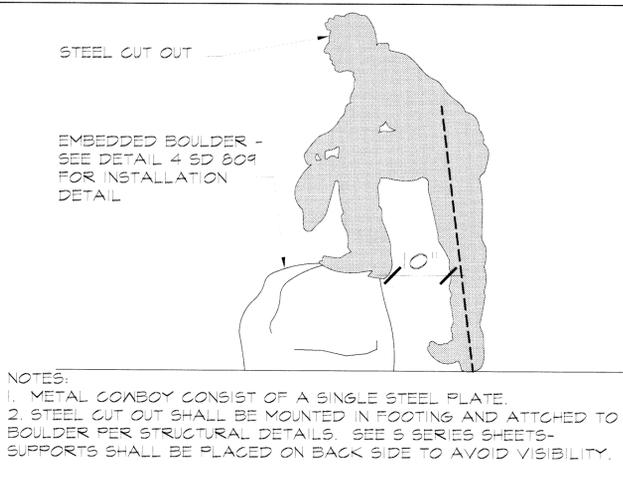


6 PONY EXPRESS SHADE SHELTER - BID ALTERNATE
SD802 SCALE: 1/4" = 1'-0"



4 PONY EXPRESS SHADE SHELTER - BID ALTERNATE
SD802 SCALE: 1/4" = 1'-0"

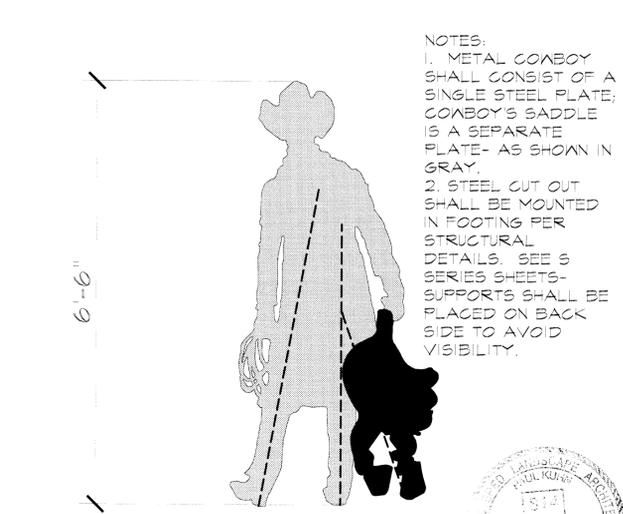
SHADE SHELTER MANUFACTURER TO PROVIDE STAMPED ENGINEERED SHOP DRAWINGS FOR SHELTER AND FOOTINGS. SEE SPECIFICATION SECTION 02875



3 METAL COWBOY TENDING HORSE CUT OUT
SD802 SCALE: 3/4" = 1'-0"

NOTES:
1. METAL COBBOY CONSIST OF A SINGLE STEEL PLATE.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING AND ATTACHED TO BOULDER PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

2 METAL HORSE STANDING CUT OUT (EMERSON)
SD802 SCALE: 3/4" = 1'-0"



NOTES:
1. METAL COBBOY SHALL CONSIST OF A SINGLE STEEL PLATE; COBBOY'S SADDLE IS A SEPARATE PLATE- AS SHOWN IN GRAY.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

1 METAL COBBOY RECRUIT CUT OUT
SD802 SCALE: 3/4" = 1'-0"

ISSUE RECORD / REVISION:
PURPOSE DATE:
BID SET 03-11-2011

WINSTON ASSOCIATES
4696 Broadway
Boulder, CO 80304
Tel: 303-440-9200
Fax: 303-449-6911
winstonassociates.com

Resource Concepts, Inc.
Engineering • Planning • Resource Management
340 N. Minnesota Street, Carson City, Nevada 89703
(775)883-1600 www.rci-nv.com

**CARSON CITY FREEWAY
LANDSCAPING PROJECT
CARSON CITY, NEVADA**

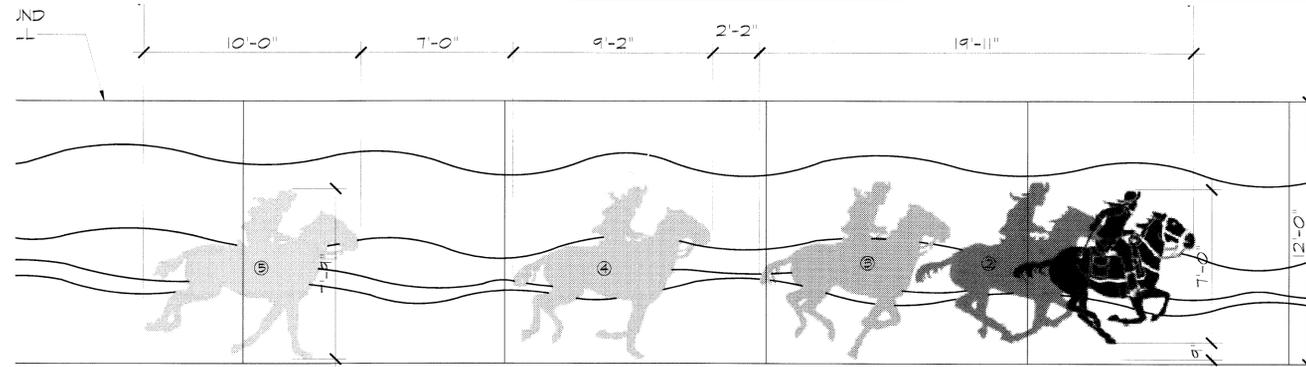
PREPARED FOR:
CITY OF CARSON CITY

SHEET NAME:
**NORTHGATE LANE/
EMERSON DRIVE
DETAILS**

DATE: 03-11-2011
DRAWN BY: RLR
CHECKED BY: PMK

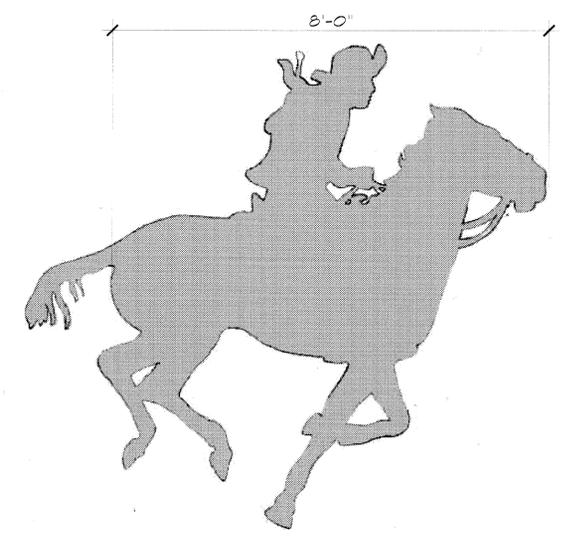
SHEET NUMBER:
SD-802



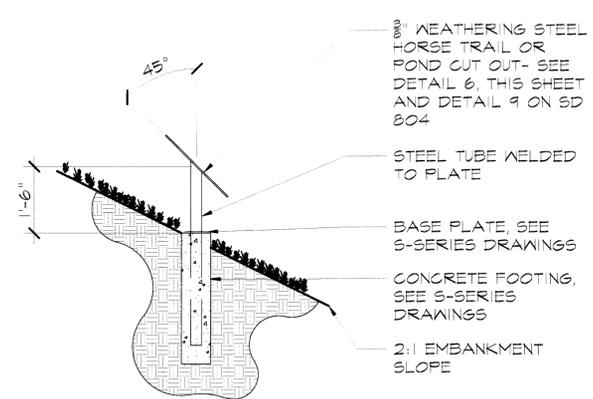


NOTE:
 1. RAISED CONCRETE FINS SHALL BE REMOVED IN AREAS TO RECEIVE THE IMAGES.
 2. ALL DIMENSIONS SHOWN ARE APPROXIMATE. ACTUAL CONSTRUCTION OF MURAL SHALL BE PAINTED BASED ON ARTWORK PROVIDED TO CONTRACTOR.
 3. FOR EACH INDIVIDUAL PONY EXPRESS RIDER, SEE COORDINATING DETAILS 1-5 ON THIS SHEET.
 4. FOR COLORS OF PAINTING, SEE SPEC SECTION 09900.
 5. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

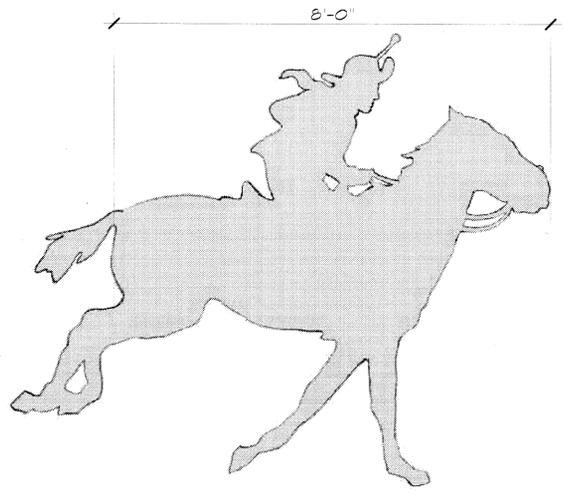
8 PLAN
PONY EXPRESS RIDER IN MOTION PAINTED ON SOUNDWALL
 SD-803 SCALE: 1/4" = 1'-0"



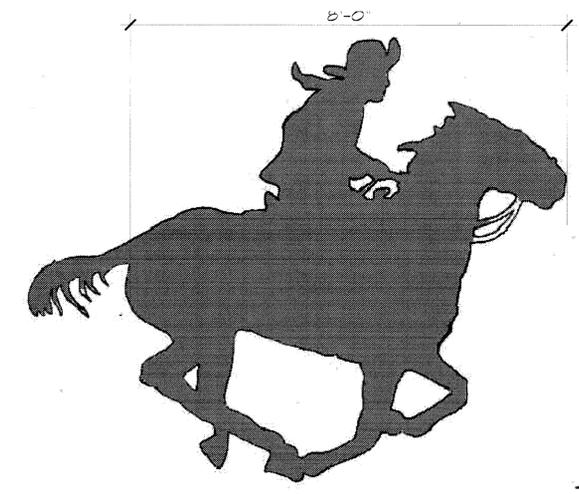
3 PONY EXPRESS RIDER #3
 SD-803 SCALE: 3" = 1'-0"



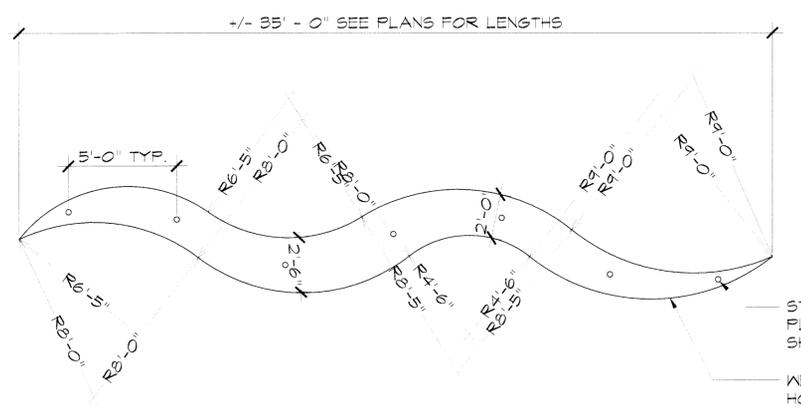
7 SECTION
HORSE TRAIL/METAL POND CUT OUT SECTION
 SD-803 SCALE: 1/2" = 1'-0"



5 SECTION
PONY EXPRESS RIDER #5
 SD-803 SCALE: 3" = 1'-0"



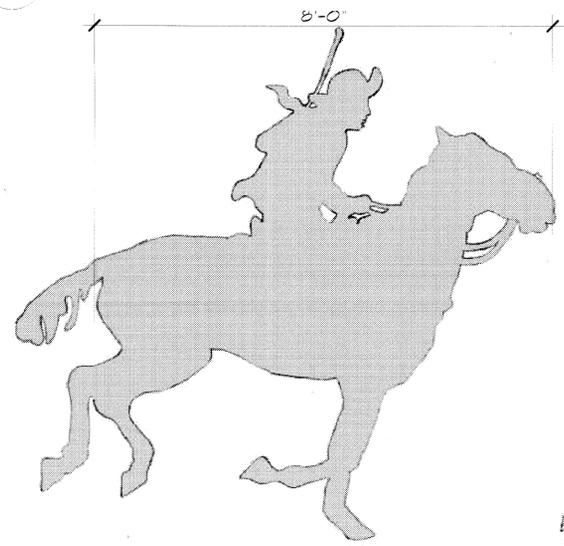
2 PONY EXPRESS RIDER #2
 SD-803 SCALE: 3" = 1'-0"



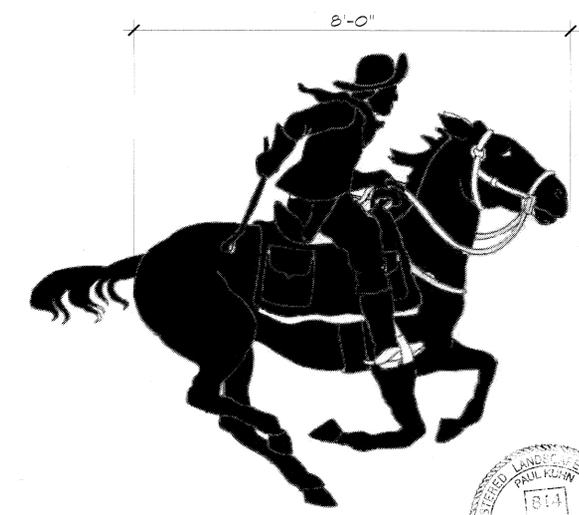
NOTE:
 1. DETAIL DEPICTS TYPICAL HORSE TRAIL. ALL HORSE TRAILS VARY IN SIZE BASED ON LOCATION. SEE PLANS.
 2. EXACT SHAPES OF HORSE TRAILS SHALL BE PROVIDED TO FABRICATOR.
 3. LOCATIONS OF EACH HORSE TRAIL SHALL BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.

STEEL TUBE, CENTERED ON PLATE, SEE DETAIL 7, THIS SHEET
 WEATHERING STEEL HORSE TRAIL

6 PLAN
METAL HORSE TRAIL - BID ALTERNATE
 SD-803 SCALE: 1/4" = 1'-0"



4 PONY EXPRESS RIDER #4
 SD-803 SCALE: 3" = 1'-0"



1 SECTION
PONY EXPRESS RIDER #1
 SD-803 SCALE: 3" = 1'-0"

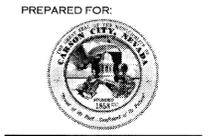
ISSUE RECORD / REVISION:
 PURPOSE DATE:
 BID SET 03-11-2011

WINSTON ASSOCIATES 4696 Broadway Boulder, CO 80304 Tel: 303-440-9200 Fax: 303-449-6911 winstonassociates.com

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**CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**

**NORTHGATE
 LANE/EMERSON
 DRIVE
 DETAILS**



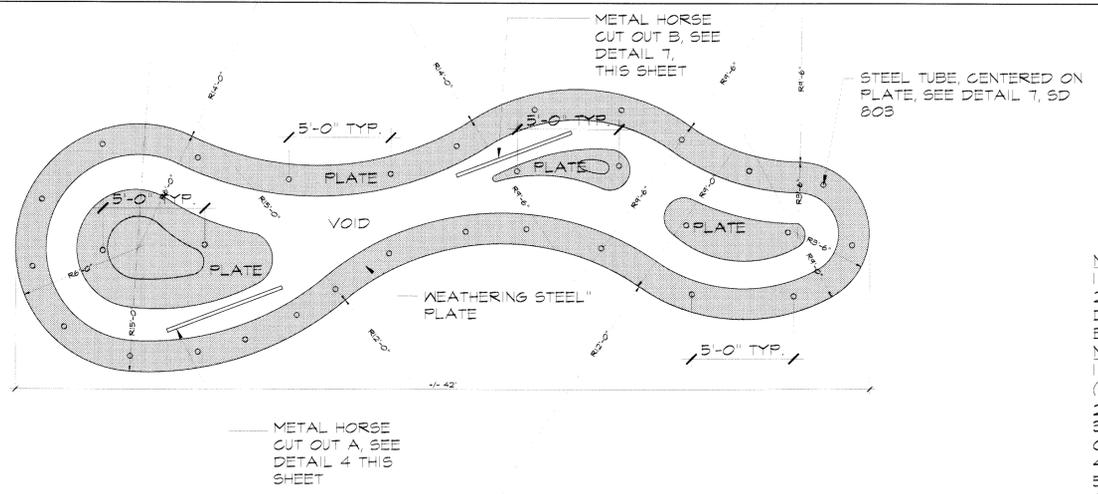
SHEET NAME:
SD-803

DATE: 03-11-2011
 DRAWN BY: RLK
 CHECKED BY: PMK

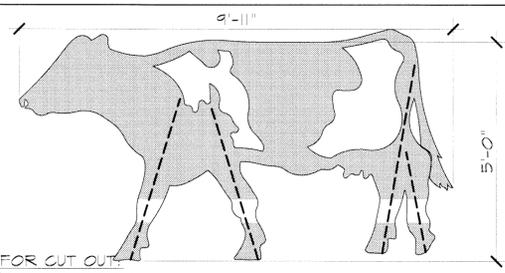
SHEET NUMBER:

PAUL KUHN
 814
 4/22/11

**CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**

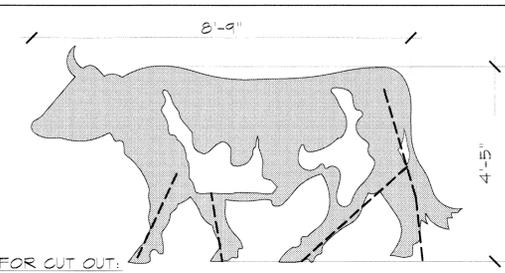


PLAN
9 METAL POND CUT OUT
 SD-804 SCALE: 1/4" = 1'-0"



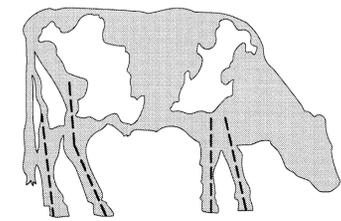
NOTES FOR CUT OUT:
 1. METAL COW CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.
 NOTES FOR SANDBLASTING ON SLOPE PAVING:
 1. SANDBLASTED IMAGE TO BE 50% LARGER THAN METAL CUT OUT. (DIMENSIONS SHOWN ON DETAIL ARE FOR METAL CUT OUT).
 2. IMAGE SHALL BE SANDBLASTED 1/4 IN SLOPE PAVING.
 3. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 4. COW SHALL BE STAINED PER SPECIFICATION 03366.
 5. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

SECTION
6 METAL COW CUT OUT B/SANDBLASTED
 SD-804 SCALE: 1/2" = 1'-0"



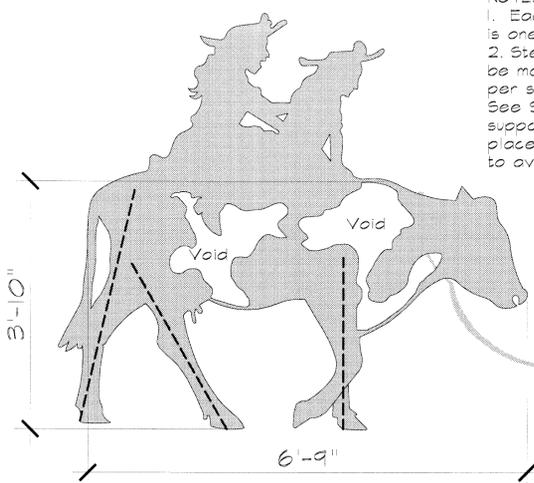
NOTES FOR CUT OUT:
 1. METAL BULL CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.
 NOTES FOR SANDBLASTING ON SLOPE PAVING:
 1. SANDBLASTED IMAGE TO BE 50% LARGER THAN METAL CUT OUT. (DIMENSIONS SHOWN ON DETAIL ARE FOR METAL CUT OUT).
 2. IMAGE SHALL BE SANDBLASTED 1/4 IN SLOPE PAVING.
 3. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 4. BULL SHALL BE STAINED PER SPECIFICATION 03366.
 5. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

SECTION
3 METAL BULL A CUT OUT/SANDBLASTED
 SD-804 SCALE: 1/2" = 1'-0"



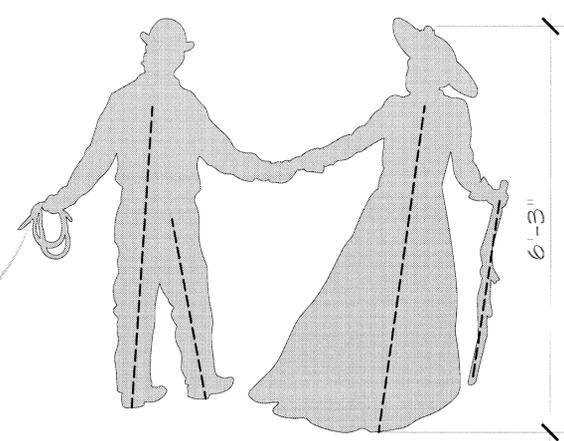
NOTES FOR CUT OUT:
 1. METAL COW CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.
 NOTES FOR SANDBLASTING ON SLOPE PAVING:
 1. SANDBLASTED IMAGE TO BE 50% LARGER THAN METAL CUT OUT. (DIMENSIONS SHOWN ON DETAIL ARE FOR METAL CUT OUT).
 2. IMAGE SHALL BE SANDBLASTED 1/4 IN SLOPE PAVING.
 3. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 4. COW SHALL BE STAINED PER SPECIFICATION 03366.
 5. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

SECTION
8 METAL COW GRAZING CUT OUT /SANDBLASTED
 SD-804 SCALE: 1/2" = 1'-0"

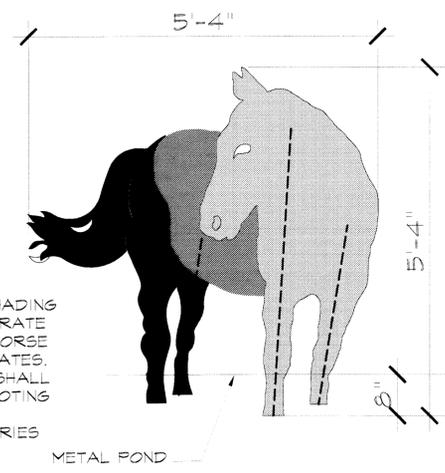


NOTES:
 1. Each figure shown is one plate
 2. Steel cut out shall be mounted in footing per structural details. See S series sheets- supports shall be placed on back side to avoid VISIBILITY.

SECTION
5 METAL COW WITH 2 DAVIS CHILDREN CUT OUT
 SD-804 SCALE: 3/4" = 1'-0"

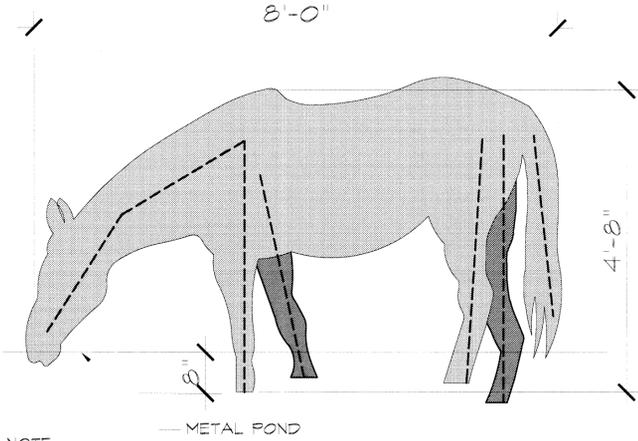


SECTION
2 METAL SAM AND NELLIE DAVIS CUT OUT
 SD-804 SCALE: 3/4" = 1'-0"



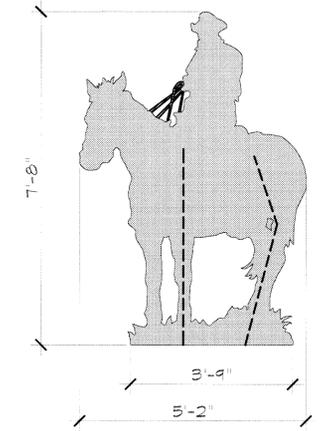
NOTE:
 1. GRAY SCALE SHADING REPRESENTS SEPARATE CUT OUT PLATES. HORSE CONSISTS OF 3 PLATES.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS

SECTION
7 METAL HORSE CUT OUT B
 SD-804 SCALE: 3/4" = 1'-0"



NOTE:
 1. Gray scale shading represents two separate cut out plates.
 2. Steel cut out shall be mounted in footing per structural details. See S series sheets

SECTION
4 METAL HORSE CUT OUT A
 SD-804 SCALE: 3/4" = 1'-0"

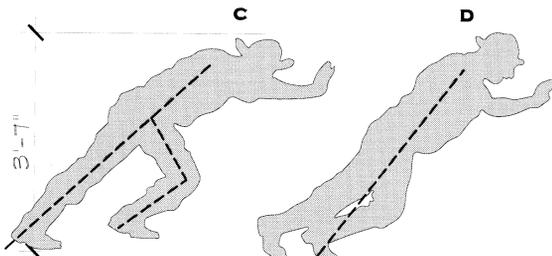


NOTE:
 1. HORSE AND COWBOY CONSIST OF ONE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS

SECTION
1 METAL COWBOY ON HORSE CUT OUT
 SD-804 SCALE: 1/2" = 1'-0"

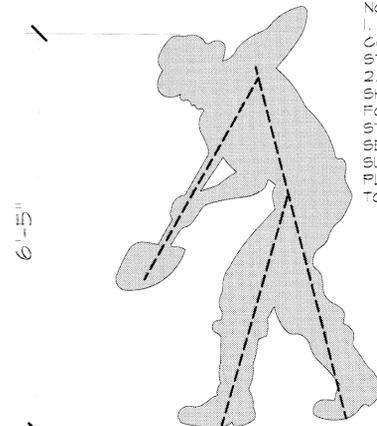


NOTES:
 1. METAL ORE CART PUSHERS ARE VISIBLE FROM BOTH SIDES AND CONSIST OF TWO IDENTICAL SINGLE PLATES FOR EACH MINER.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.



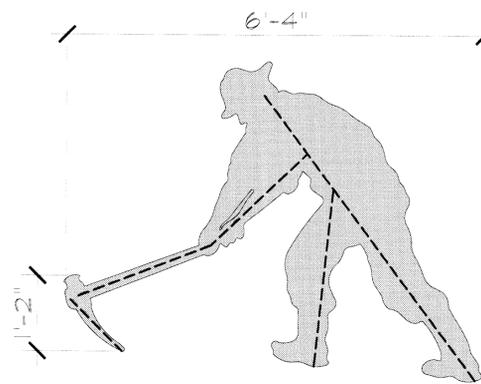
11 METAL MINER C AND D CUTOUT (ORE CART PUSHERS)
 SD-805 SCALE: 3/4" = 1'-0"

NOTES:
 1. METAL MINER CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.



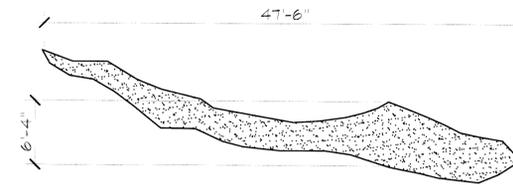
8 METAL CUT OUT MINER F
 SD-805 SCALE: 3/4" = 1'-0"

NOTES:
 1. METAL MINER CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.



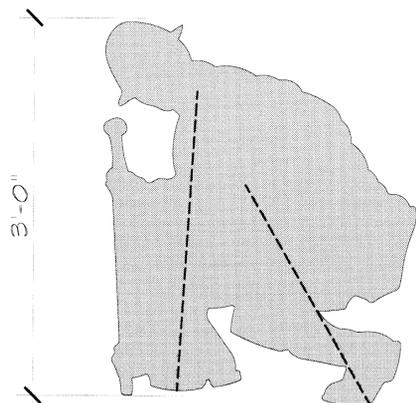
5 METAL CUT OUT MINER E
 SD-805 SCALE: 3/4" = 1'-0"

NOTES:
 1. ALL ORE VEINS TO BE LAID OUT WITH CHALK PER DRAWINGS AND CONTROL POINTS. FINAL LAYOUT SHALL BE APPROVED BY CARSON CITY'S PROJECT MANAGER OR DESIGN CONSULTANT.
 2. ORE VEINS TO BE SAND BLASTED 1/2" INTO SLOPE PAVING AND PAINTED WITH HIGHWAY STRIPING PAINT- TINTED SILVER. SEE TECHNICAL SPECIFICATIONS 10.14.25 PAINTING.



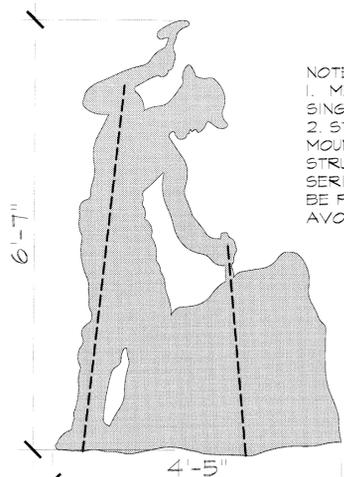
2 SECTION SILVER ORE VEINS
 SD805 SCALE: 1/8" = 1'-0"

NOTES:
 1. METAL MINER CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.



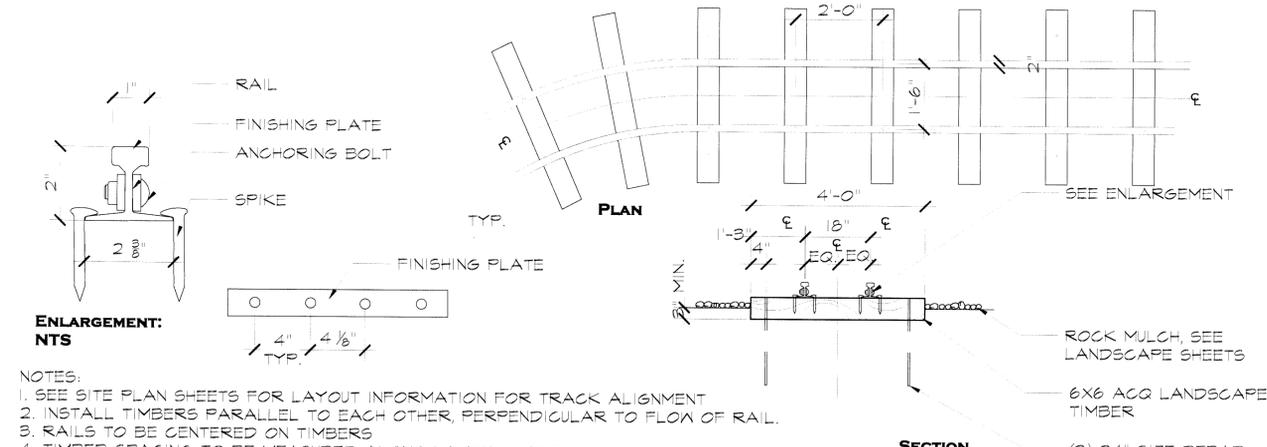
10 METAL MINER CUT OUT B
 SD-805 SCALE: 3/4" = 1'-0"

NOTES:
 1. METAL MINER CONSIST OF A SINGLE STEEL PLATE.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.



7 METAL CUT OUT MINER G
 SD-805 SCALE: 3/4" = 1'-0"

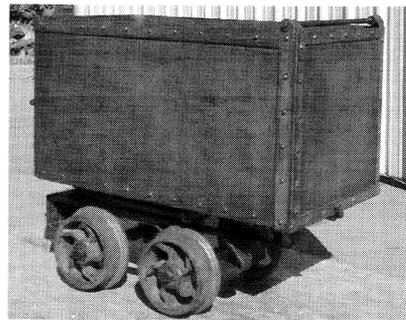
NOTES:
 1. SEE SITE PLAN SHEETS FOR LAYOUT INFORMATION FOR TRACK ALIGNMENT
 2. INSTALL TIMBERS PARALLEL TO EACH OTHER, PERPENDICULAR TO FLOW OF RAIL.
 3. RAILS TO BE CENTERED ON TIMBERS
 4. TIMBER SPACING TO BE MEASURED ALONG LAYOUT CENTER LINE
 5. CONTRACTOR TO PROVIDE SHOP DRAWING FOR ORE CART TRACK LAYOUT TO ACCOUNT FOR FIELD CONDITIONS
 6. ADJUST GRADES AS REQUIRED.
 7. MAINTAIN EXISTING DRAINAGE FLOWS.
 8. RAILS TO BE FABRICATED PER SPECIFICATION SECTION 05999



4 ORE CART TRACKS
 SD805 SCALE: 1/2" = 1'-0"

FULL SIZE ORE CART IS 35-1/4" IN HEIGHT, 50" IN LENGTH, 27" IN WIDTH WEIGHING 500 LBS.

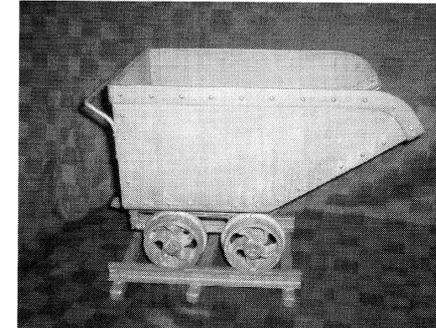
ORE CARTS SHALL BE SECURED TO RAILROAD TIE WITH HEAVY STEEL STRAP TO PREVENT MOVING- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS. ORE CARTS ARE TO INCLUDE A STEEL FALSE BOTTOM 6" BELOW TOP AND BE FILLED WITH GROUTER ROCK TO CREATE ILLUSION THAT ORE CARTS ARE FULL. PROVIDE KEEP HOLES IN FALSE BOTTOM TO ALLOW FOR DRAINAGE.



3 SECTION ORE CART B
 SD-805 NTS: PHOTO IMAGE

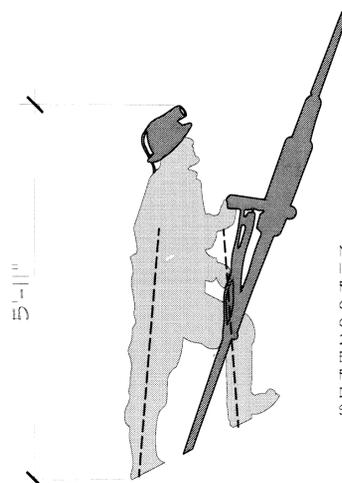
FULL SIZE ORE CART IS 35-1/4" IN HEIGHT, 50" IN LENGTH, 27" IN WIDTH WEIGHING 500 LBS.

ORE CARTS SHALL BE SECURED TO RAILROAD TIE WITH HEAVY STEEL STRAP TO PREVENT MOVING- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS. ORE CARTS ARE TO INCLUDE A STEEL FALSE BOTTOM 6" BELOW TOP AND BE FILLED WITH GROUTED ROCK (ROCK MULCH TYPE 6-SEE SPECIFICATION) TO CREATE ILLUSION THAT ORE CARTS ARE FULL. PROVIDE KEEP HOLES IN FALSE BOTTOM TO ALLOW FOR DRAINAGE.



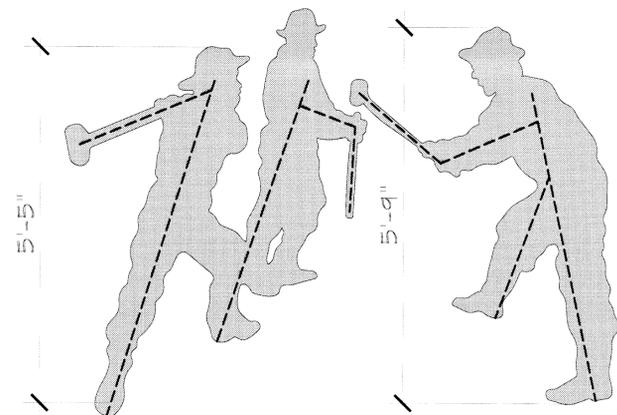
1 SECTION ORE CART A
 SD-805 NTS: PHOTO IMAGE

9 METAL MINER CUT OUT A (WITH DRILL)
 SD-805 SCALE: 3/4" = 1'-0"



NOTE:
 1. GRAY SCALE SHADING REPRESENTS SEPARATE CUT OUT PLATES. MINER CONSISTS OF 3 PLATES.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS

NOTES:
 1. METAL MINER GROUP CONSIST OF A TWO STEEL PLATES.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS. SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.



6 METAL CUT OUT MINER GROUP
 SD-805 SCALE: 3/4" = 1'-0"

NOTE:
 ORE CART ORIENTATION TO BE DETERMINED IN THE FIELD AND APPROVED BY CONSTRUCTION MANAGER

NOTE:
 ORE CART ORIENTATION TO BE DETERMINED IN THE FIELD AND APPROVED BY CONSTRUCTION MANAGER



ISSUE RECORD / REVISION:
 PURPOSE DATE:
 BID SET 03-11-2011
 WINSTON ASSOCIATES 4696 Broadway Boulder, CO 80304 Tel: 303-440-9200 Fax: 303-449-6911 winstonassociates.com

Resource Concepts, Inc. Engineering • Planning • Resource Management 340 N. Minnesota Street, Carson City, Nevada 89703 (775)883-1600 www.rci-nv.com

CARSON CITY FREEWAY LANDSCAPING PROJECT CARSON CITY, NEVADA

PREPARED FOR:

 SHEET NAME: COLLEGE PARKWAY INTERCHANGE DETAILS
 DATE: 03-11-2011
 DRAWN BY: RLR
 CHECKED BY: PMK

SHEET NUMBER: **SD-805**



20'-0"

NOTES:

- 1. HUMAN IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
3. ARTWORK SHALL BE STAINED PER SPECIFICATION 03366.
4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

SECTION 4 HORACE GREELY SANDBLAST AND STAIN IMAGE

SD-806 SCALE: 1/2" = 1'-0"



20'-0"

NOTES:

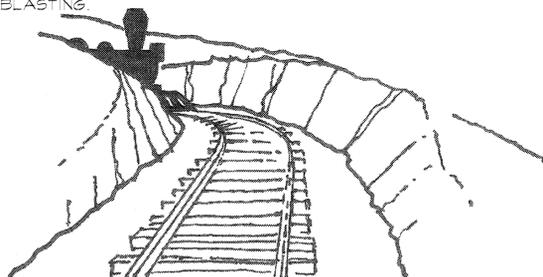
- 1. HUMAN IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
3. ARTWORK SHALL BE STAINED PER SPECIFICATION 03366.
4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

SECTION 3 HANK MONK SANDBLAST AND STAIN IMAGE

SD-806 SCALE: 1/2" = 1'-0"

NOTES:

- 1. TRAIN EMERGING IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
3. TRUCK SHALL BE STAINED PER SPECIFICATION 03366.
4. EXACT DIMENSIONS TO BE DETERMINED- SEE PLANS FOR APPROXIMATE PANEL SIZE.
5. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.



Genoa
"Keep your seat, Horace, I'll get you there on time!"

Placerville

NOTES:

- 1. TEXT IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED. TEXT SHALL BE LAID OUT ALONG ARCS AS SHOWN ON PLAN, SHEET SP 301.
3. ARTWORK SHALL BE STAINED PER SPECIFICATION 03366.

SECTION 6 CARMINE INTERCHANGE SANDBLASTED TEXT

SD-806 SCALE: NTS



12'-6"

NOTE: AS VIEWED FROM LOMPA LANE

NOTES:

- 1. METAL STAGECOACH AND HORSES CONSISTS OF A SINGLE STEEL PLATE.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

ELEVATION 2 METAL STAGECOACH CUTOUT B

SD-806 SCALE: 1/4" = 1'-0"



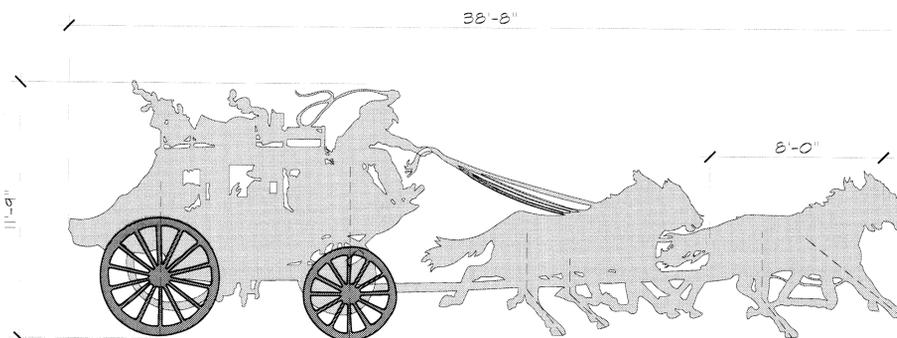
IMAGE SHOWN AS VIEWED FROM NORTH RIDGE DRIVE LOOKING NORTH

NOTE:

- 1. IMAGE SHALL BE SANDBLASTED IN SLOPE PAVING 1/4"
2. ALL DIMENSIONS SHOWN ARE APPROXIMATE. ACTUAL CONSTRUCTION OF MURAL SHALL BE PAINTED BASED ON ARTWORK PROVIDED TO CONTRACTOR.
3. FOR COLORS OF PAINTING, SEE SPEC SECTION 03366.
4. CONSTRUCTION MANAGER TO APPROVE LAYOUT PRIOR TO SANDBLASTING.

SECTION 5 STAGE COACH SANDBLASTED AND STAINED ON SLOPE PAVING

SD-806 SCALE: 1/4" = 1'-0"



11'-9"

NOTE: AS VIEWED FROM MULTI USE PATH

NOTES:

- 1. METAL STAGECOACH AND HORSES CONSISTS OF A SINGLE STEEL PLATE.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

ELEVATION 1 METAL STAGECOACH CUTOUT A

SD-806 SCALE: 1/4" = 1'-0"

CARSON CITY FREEWAY LANDSCAPING PROJECT CARSON CITY, NEVADA

PREPARED FOR:



SHEET NAME: CARMINE NORTH RIDGE GRADE SEPARATION DETAILS

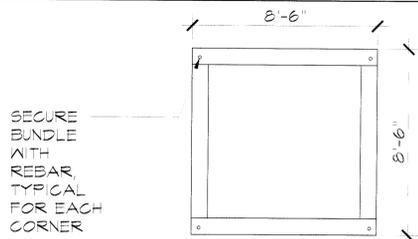
DATE: 03-11-2011

DRAWN BY: RLR

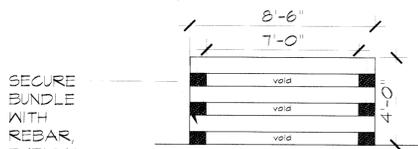
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SHEET NUMBER SD 806

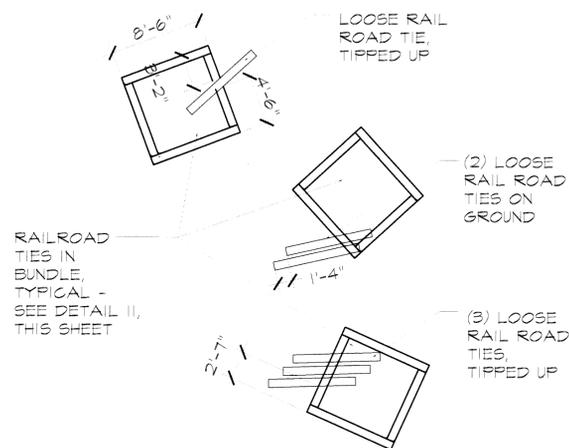
Handwritten signature and date: 4/23/11



BUNDLE PLAN



BUNDLE ELEVATION

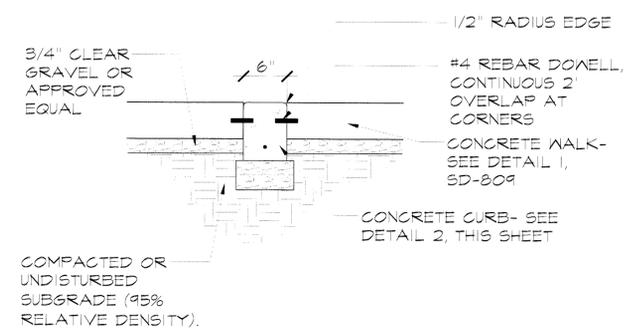


SECTION 9 RAILROAD TIES STOCKPILED - PLAN ELARGEMENT
SD-807 SCALE: 1/8" = 1'-0"



NOTES:
1. METAL CHINESE LABORER CONSIST OF A SINGLE STEEL PLATE.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

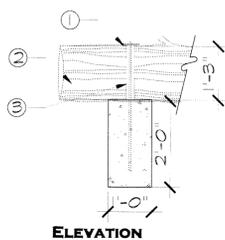
6 METAL CHINESE LABORER C
SD-807 SCALE: 3/4" = 1'-0"



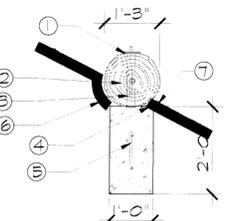
SECTION 3 CONCRETE CURB "TRACK" MEETING WALK
SD-807 SCALE: 1" = 1'-0"

11 RAILROAD TIES STOCKPILED

SD-807 SCALE: 1/4" = 1'-0"



ELEVATION

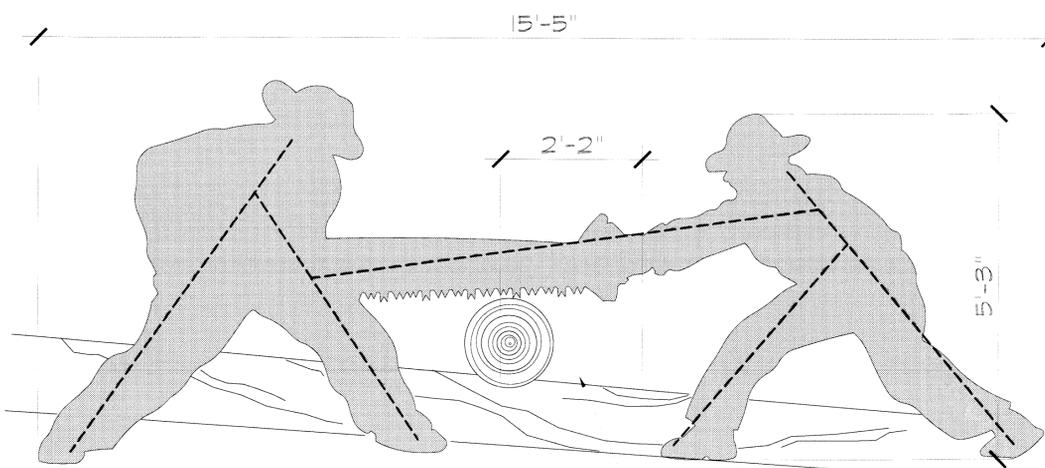


SECTION

- HEAVY WASHER TACK WELDED TO REBAR TO HOLD LOG SECURELY
- TIMBER - LENGTH SHALL AVERAGE 20' WITH A RANGE OF SIZES FROM 15' TO 25' LONG. WIDTH SHALL BE 8" CALIPER TO 15" CALIPER
- HOLE DRILLED VERTICALLY THROUGH LOG LARGE ENOUGH TO ACCOMMODATE REBAR
- FRONT EDGE OF FOOTING EVEN WITH SLOPE
- #6 REBAR EXTENDS SET IN FOOTING AND EXTENDING THROUGH LOG
- CUT SLOPE TO RECEIVE LOG
- EXISTING SLOPE

10 TIMBERS BEING HARVESTED

SD-807 SCALE: 1/2" = 1'-0"

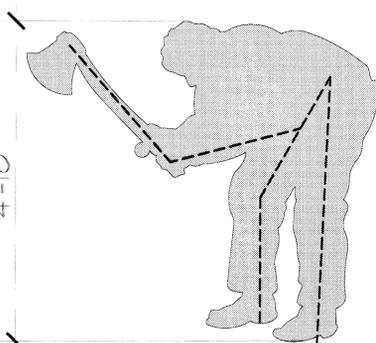


7 STEEL CUT OUT LABORERS A AND B

SD-807 SCALE: 3/4" = 1'-0"

8 METAL CUT OUT LABORERS C

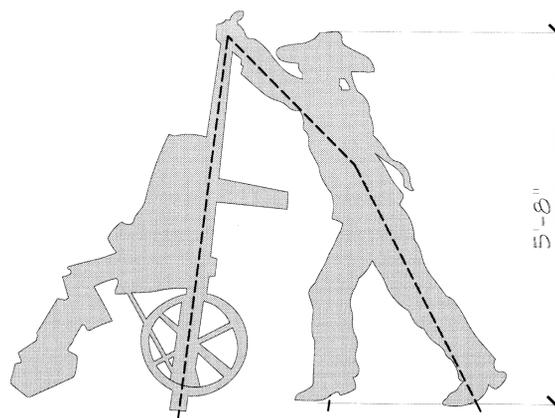
SD-807 SCALE: 3/4" = 1'-0"



NOTES:
1. METAL LABORER CONSIST OF TWO SINGLE STEEL PLATES.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

5 METAL CUT OUT CHINESE LABORER B

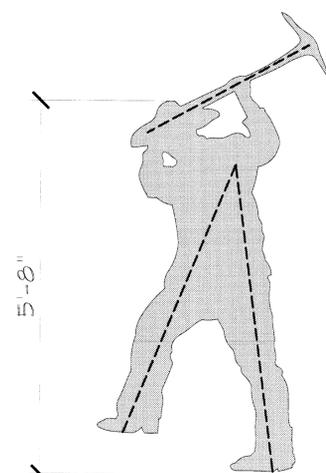
SD-807 SCALE: 3/4" = 1'-0"



NOTES:
1. METAL LABORER CONSIST OF A SINGLE STEEL PLATE.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

4 METAL CHINESE LABORER CUT OUT A

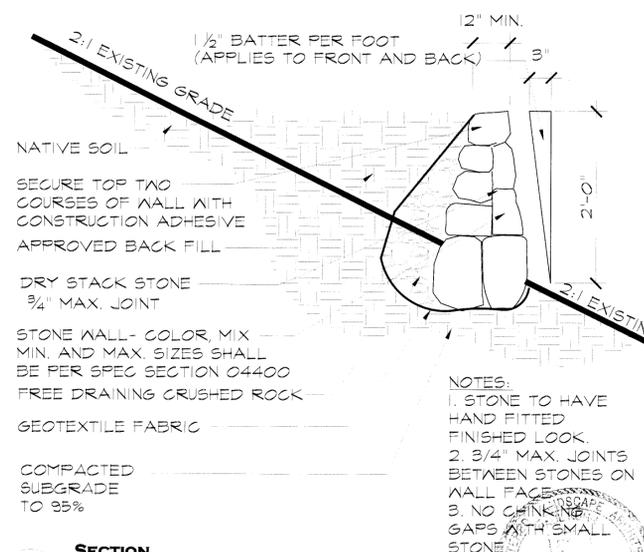
SD-807 SCALE: 3/4" = 1'-0"



NOTES:
1. METAL MINER CONSIST OF A SINGLE STEEL PLATE.
2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

SECTION 2 CONCRETE CURB "TRACK"

SD-807 SCALE: 1" = 1'-0"



SECTION 1 DRY-STACK STONE WALL
SD-807 SCALE: 1" = 1'-0"

NOTES:
1. STONE TO HAVE HAND FITTED FINISHED LOOK.
2. 3/4" MAX JOINTS BETWEEN STONES ON WALL FACE.
3. NO CHINKING GAPS WITH SMALL STONE.

ISSUE RECORD / REVISION:
PURPOSE DATE:
WINSTON ASSOCIATES
4696 Broadway
Boulder, CO 80304
Tel: 303-440-9200
Fax: 303-449-6911
winstonassociates.com

Resource Concepts, Inc.
Engineering • Planning • Resource Management
340 N. Minnesota Street, Carson City, Nevada 89703
(775)883-1600 www.rci-nv.com

**CARSON CITY FREEWAY
LANDSCAPING PROJECT
CARSON CITY, NEVADA**

PREPARED FOR:



SHEET NAME:
**HIGHWAY 50
INTERCHANGE
DETAILS**

DATE: 03-11-2011

DRAWN BY: RLR

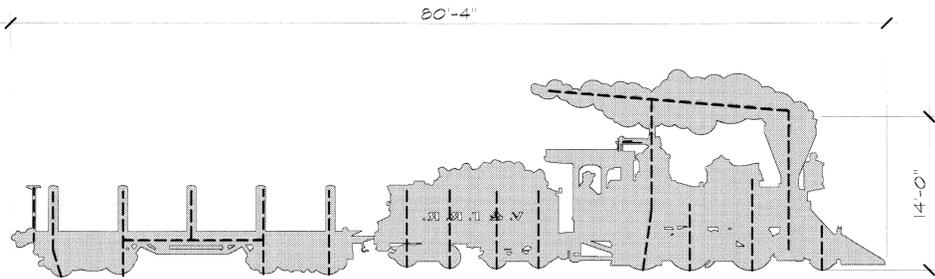
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SHEET NUMBER:

SD-807

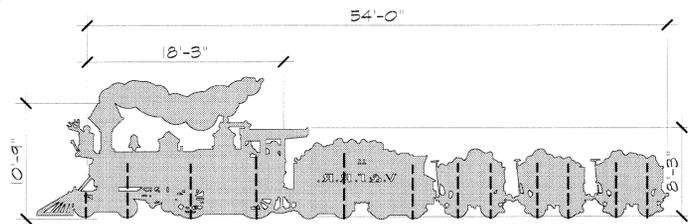
APPROVED:
DATE: 4/25/11

NOTE: VIEW FROM OFF RAMP - SEE ALSO, ARROW ON PLAN WHICH ALSO DEPICTS DIRECTION OF TRAVEL.



NOTES:
 1. TRAIN CUT OUT CONSISTS OF THREE SINGLE STEEL PLATES- THE TRAIN, COAL TENDER, AND LOG CAR
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

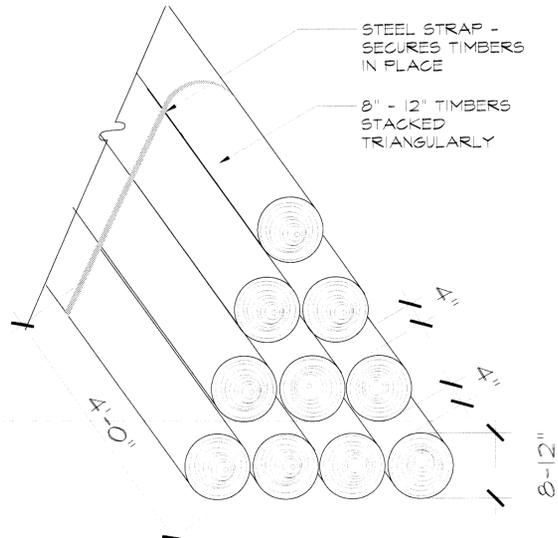
8 ELEVATION SOUTHBOUND TRAIN
 SD808 SCALE: 1/8" = 1'-0"



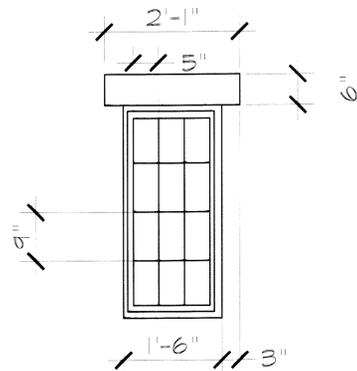
NOTE: VIEW FROM OFF RAMP - SEE ALSO, ARROW ON PLAN WHICH ALSO DEPICTS DIRECTION OF TRAVEL.

NOTES:
 1. TRAIN CUT OUT CONSISTS OF FOUR SINGLE STEEL PLATE, THE TRAIN AND 3 ORE CARTS
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

7 ELEVATION NORTHBOUND TRAIN
 SD808 SCALE: 1/8" = 1'-0"



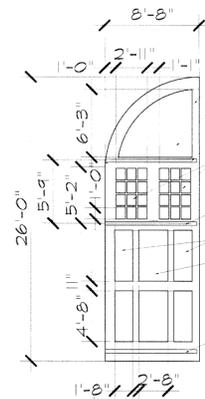
6 AXON TIMBERS READY FOR SHIPPING
 SD-808 SCALE: 3/4" = 1'-0"



NOTE:
 1. WINDOW SHALL BE SANDBLASTED IN SLOPE PAVING. SCALE TO BE DETERMINED.
 2. ARTWORK PROVIDED TO CONCRETE CONTRACTOR IN .AI FORMAT
 3. STAIN SHALL MATCH ROUNDHOUSE IMAGE- SEE SPEC SECTION 03366.

5 IMAGE ROUNDHOUSE DOOR AND WINDOW DETAIL
 SD808 SCALE: 3/4" = 1'-0"

4 NOT USED
 SD808

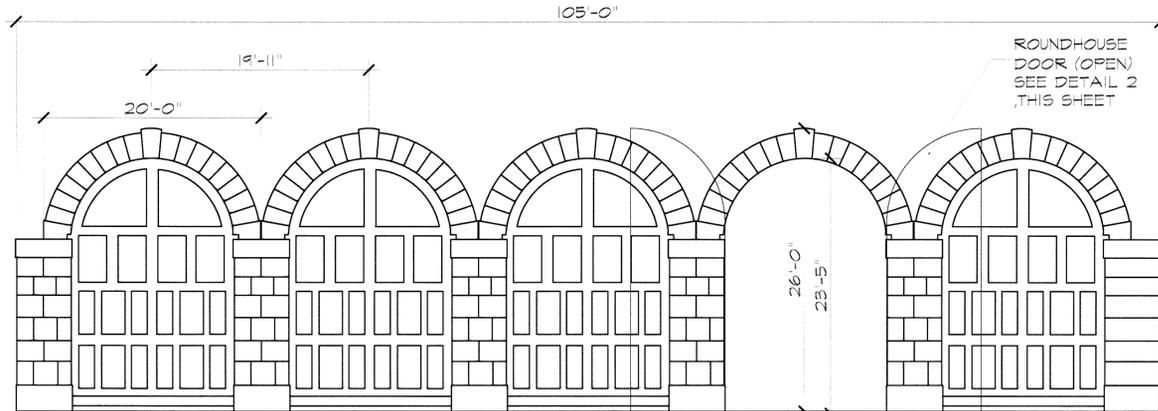


- ① 3/8" BASE STEEL PLATE DOOR
- ② 3/8" STEEL PLATE WELDED TO BASE PLATE BOTH SIDES
- ③ 4X4 STEEL SUPPORT SEE DETAIL 10, SHEET S802
- ④ STEEL CUT OUT - 11" X 1'-0", TYPICAL

EXTERIOR

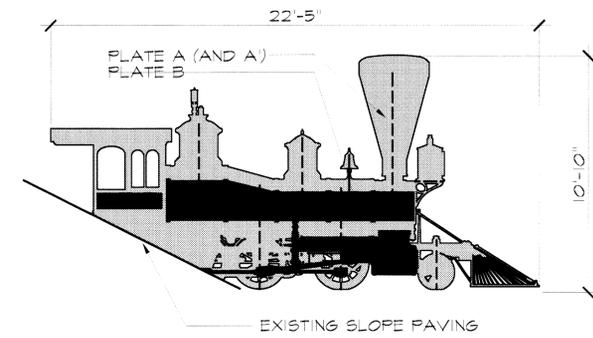
NOTE:
 1. STEEL DOOR TO BE HUNG ON SLOPE PAVING PER SECTION SHOWN IN THIS DETAIL. DOOR IS CONSTRUCTED OF TWO 3/8" STEEL PANELS.
 2. LEFT DOOR SHOWN ABOVE. PRODUCE MIRROR IMAGE FOR LEFT DOOR.

2 SECTION ROUNDHOUSE DOOR DETAIL
 SD808 SCALE: 1/8" = 1'-0"



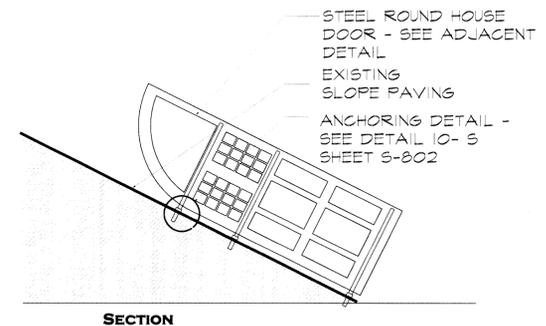
NOTES:
 1. ROUNDHOUSE IMAGE SHALL BE SANDBLASTED 1/4" IN SLOPE PAVING.
 2. ARTWORK SHALL BE PROVIDED IN .AI FILE FORMAT TO CONCRETE CONTRACTOR ONCE BID IS AWARDED.
 3. IMAGE SHALL BE STAINED PER SPECIFICATION 03366.

1 IMAGE ROUNDHOUSE IMAGE FOR SANDBLASTING ON SLOPE PAVING
 SD808 SCALE: 1/8" = 1'-0"



NOTES:
 1. TRAIN CUT OUT CONSISTS OF FOUR SINGLE STEEL PLATES- TWO MAIN TRAIN PLATES ARE IN THE CENTER, TWO GRAY PLATES- ONE ON EACH SIDE OF MAIN PLATE- MIRRORING EACH OTHER.
 2. STEEL CUT OUT SHALL BE MOUNTED IN FOOTING PER STRUCTURAL DETAILS. SEE S SERIES SHEETS- SUPPORTS SHALL BE PLACED ON BACK SIDE TO AVOID VISIBILITY.

3 TRAIN EMERGING FROM ROUNDHOUSE
 SD808 SCALE: 1/4" = 1'-0"



SECTION

ISSUE RECORD / REVISION:
 PURPOSE DATE:
 BID SET 03-11-2011

WINSTON ASSOCIATES
 4696 Broadway
 Boulder, CO 80304
 Tel: 303-440-9200
 Fax: 303-449-6911
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 340 N. Minnesota Street, Carson City, Nevada 89703
 (775)883-1600 www.rci-nv.com

**CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**

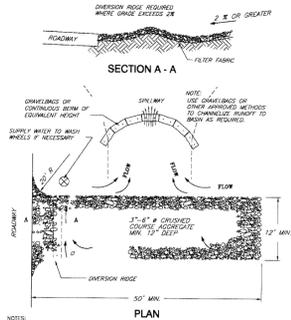


PREPARED FOR:
HIGHWAY 50 INTERCHANGE DETAILS

DATE: 03-11-2011
 DRAWN BY: RLR
 CHECKED BY: PMK

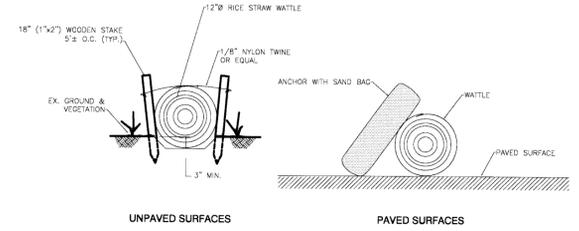
SHEET NUMBER:
SD -808



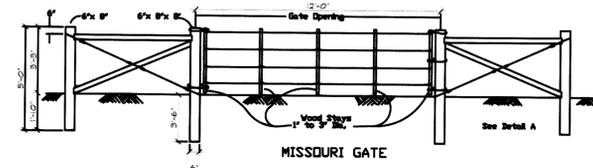


NOTES:
 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE THE USE OF TRAP STONES, RETAIN AND 20% CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN MAINTENANCE IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

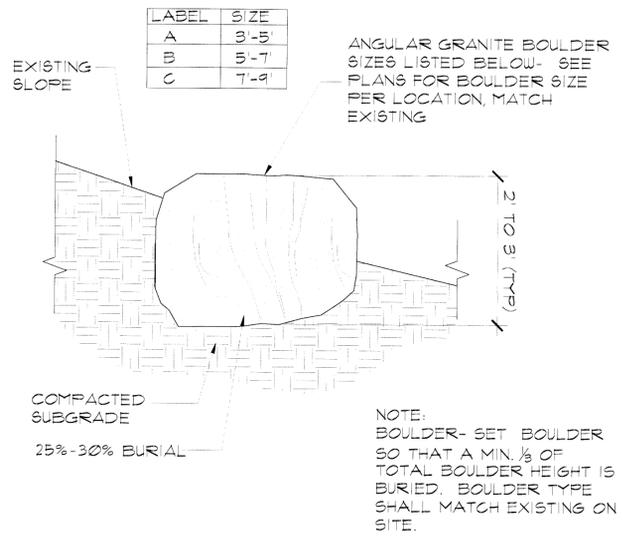
TEMPORARY EROSION CONTROL
 STABILIZED CONSTRUCTION
 ENTRANCE / EXIT
 NOT TO SCALE



SECTION 9
 TEMPORARY SEDIMENT WATTLE DETAIL
 SD809 SCALE: NTS

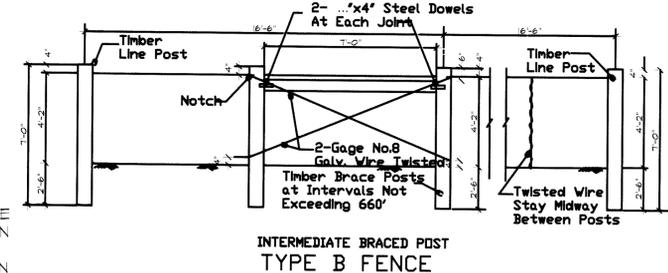


ELEVATION 6
 MISSOURI GATE
 SD809 SCALE: NTS DIMENSIONS SHOWN PER DETAIL

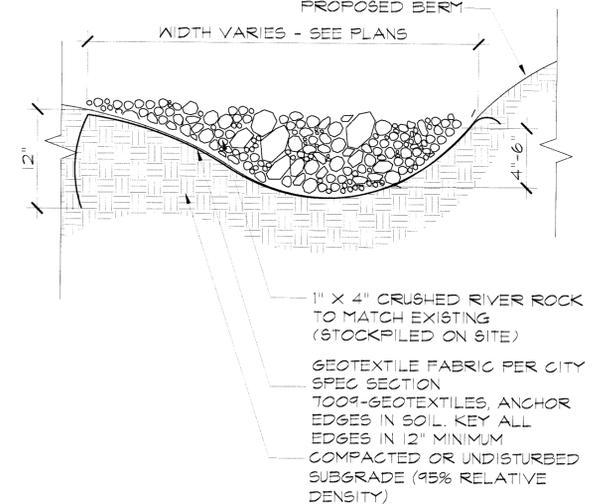


SECTION 3
 NEW BOULDER (TYPE 1 AND TYPE 2)
 SD809 SCALE: 1" = 1'-0"

SEE NDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION - SECTION 616 FENCING AND 4 WIRE FENCE DETAILS (616.724)

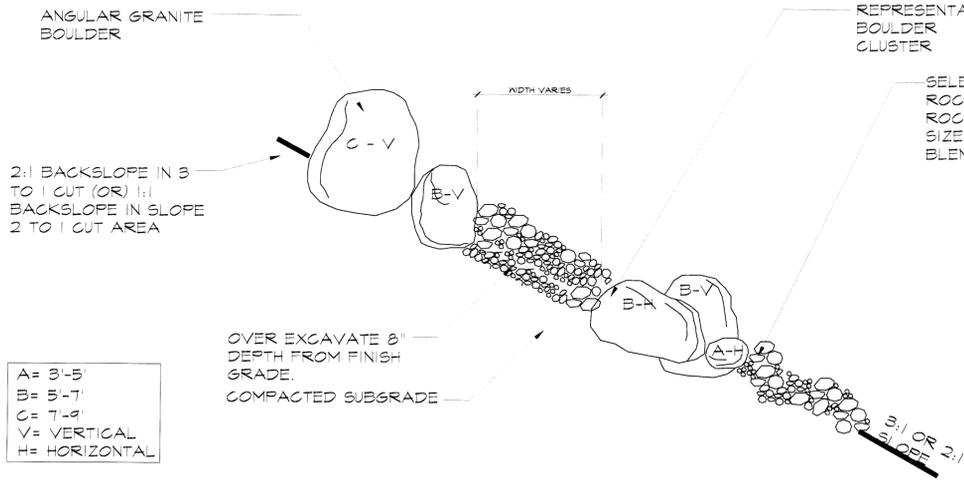


ELEVATION 5
 INTERMEDIATE BRACED POST
 TYPE B FENCE
 SD806 SCALE: NTS DIMENSIONS SHOWN PER DETAIL

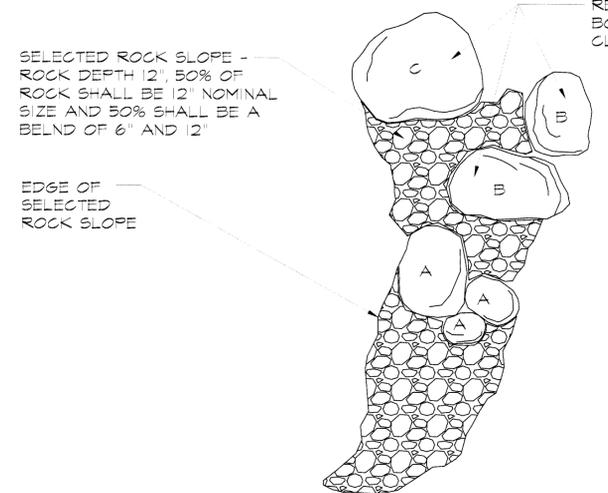


SECTION 2
 ROCK ARMORING (BERM PROTECTION DETAIL)
 SD809 SCALE: 1-1/2" = 1'-0"

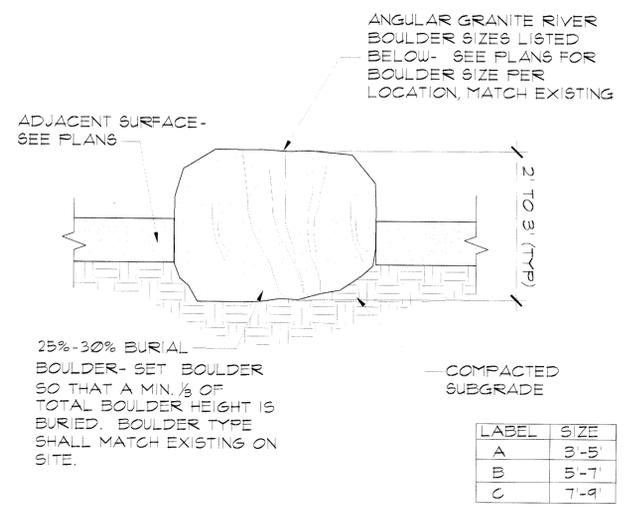
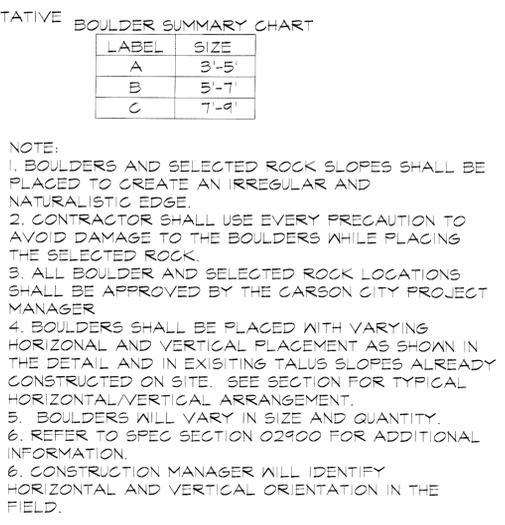
SECTION 10
 TEMPORARY EROSION CONTROL DETAIL
 SD809 SCALE: NTS



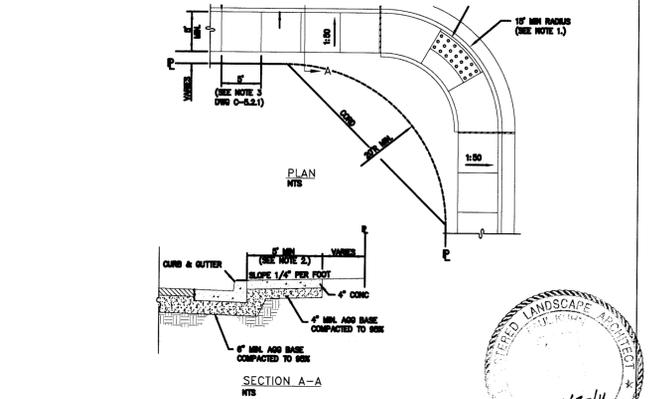
SECTION 8
 TALUS SLOPE BID ALTERNATE
 SD809 SCALE: 1/4" = 1'-0"



PLAN 7
 TALUS SLOPE - BID ALTERNATE
 SD809 SCALE: 1/4" = 1'-0"



SECTION 4
 EMBEDDED BOULDER
 SD809 SCALE: 1" = 1'-0"



SECTION 1
 TYPICAL CONCRETE WALK - CARSON CITY DETAIL
 SD809 SCALE: 3/4" = 1'-0"

ISSUE RECORD / REVISION:
 PURPOSE DATE:
 BID SET 03-11-2011

WINSTON ASSOCIATES
 4696 Broadway
 Boulder, CO 80304
 Tel: 303-440-9200
 Fax: 303-449-6911
 winstonassociates.com

Resource Concepts, Inc.
 Engineering • Planning • Resource Management
 340 N. Minnesota Street, Carson City, Nevada 89703
 (775)883-1600 www.rci-nv.com

CARSON CITY FREEWAY
 LANDSCAPING PROJECT
 CARSON CITY, NEVADA

PREPARED FOR:

 SHEET NAME:
 TYPICAL PROJECT DETAILS
 DATE: 03-11-2011
 DRAWN BY: RLR
 CHECKED BY: PMK
 SHEET NUMBER:
 SD-809

GENERAL NOTES:

- SEE SD-DRAWINGS FOR STEEL CUT-OUT FIGURE DETAILS.
- ALL FIGURES SHALL BE WEATHERING STEEL PLATE (ASTM A588) UNLESS NOTED OTHERWISE. SEE PROJECT SPECIFICATIONS.
- FIGURES SHALL BE CUT FROM ONE PIECE OF PLATE UNLESS AVAILABLE (IN-STOCK IN THE UNITED STATES) PLATE DIMENSIONS REQUIRE SPLICES. SPLICES SHALL REQUIRE COMPLETE- OR PARTIAL-PENETRATION GROOVE WELDS. CONTRACTOR SHALL SUBMIT PROPOSED WELD LOCATIONS AND DETAILS FOR APPROVAL PRIOR TO CONSTRUCTION.
- SEE SITE AND LANDSCAPE PLANS FOR LOCATIONS OF FIGURES.

DESIGN CRITERIA:

2006 IBC/ASCE 7-05
 100 MPH WIND 3-SEC. GUST EXP. C
 SEISMIC DESIGN CATEGORY D
 MIN. FOOTING DEPTH 24"
 1,500 PSF ALLOWABLE SOIL BEARING
 150 PSF/FOOT OF DEPTH LATERAL
 SOIL BEARING CAPACITY

STRUCTURAL SPECIFICATIONS

1. GENERAL:

- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE 2006 INT'L. BUILDING CODE (IBC), NDOT STANDARD SPECIFICATIONS, LOCAL ORDINANCES AND REFERENCED STANDARDS OF ASTM, AISC, CRSI AND AITC.
- ALL WORK SHALL CONFORM TO THE PLANS AND GENERAL NOTES, AND SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. APPROVAL TO DEVIATE FROM THE PLANS MUST BE OBTAINED IN WRITING.

2. EARTHWORK:

- AREAS WHERE FOOTING, SLABS, PAVEMENT AND OTHER CONSTRUCTION ARE PLANNED SHALL BE STRIPPED AND CLEARED OF ALL TOPSOIL, BRUSH, ROOTS, AND DELETERIOUS MATERIALS TO A MINIMUM DEPTH OF 6 INCHES. STRIPPED SOIL CONTAINING ROOTS IS NOT CONSIDERED SUITABLE FOR REUSE AS STRUCTURAL FILL OTHER THAN FOR LANDSCAPE FILL AND SHALL BE STOCKPILED IN A LOCATION DIRECTED BY THE OWNER FOR USE IN LANDSCAPING AREAS OR REMOVED FROM THE SITE FOR DISPOSAL/RECYCLING. STRIPPING ACTIVITIES SHOULD BE INSPECTED BY A QUALIFIED GEOTECHNICAL ENGINEER TO VERIFY ADEQUATE REMOVAL OF ROOTS AND OTHER ORGANIC MATTER.
- UPON COMPLETION OF THE EXCAVATION, THE UPPER 6 INCHES OF EXPOSED NATIVE SOILS, UPON WHICH STRUCTURAL FILL, AGGREGATE BASE, SLABS OR FOOTINGS WILL BE PLACED, SHALL BE SCARIFIED, THEN MOISTURE CONDITIONED AND COMPACTED TO AT LEAST 90 PERCENT OF MAXIMUM DRY DENSITY (85% IF CLAYEY), AND WITHIN 2 PERCENT OF OPTIMUM MOISTURE CONTENT (OPTIMUM TO 4% OVER OPTIMUM FOR CLAYEY) AS DETERMINED BY ASTM D1557.
- STRUCTURAL FILL WHERE USED, SHALL BE FREE OF VEGETATION, DEBRIS AND OTHER DELETERIOUS MATERIAL. STRUCTURAL FILL SHALL CONFORM TO THE FOLLOWING GRADATION SPECIFICATION (UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT):

SIEVE SIZE	% BY WEIGHT PASSING
4 INCH	100
3/4 INCH	70-100
NO. 4	50-100
NO. 200	15-35

- STRUCTURAL FILL SHALL HAVE A LIQUID LIMIT OF NO MORE THAN 35 AND A PLASTICITY INDEX OF NO MORE THAN 15 WHEN TESTED BY ASTM D4318.
- STRUCTURAL FILL PLACED UNDERNEATH FOOTINGS AND STRUCTURAL SLABS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 AND MOISTURE CONTENT DURING COMPACTION SHOULD BE MAINTAINED WITHIN TWO PERCENT ABOVE OPTIMUM MOISTURE CONTENT. MAXIMUM LOOSE LIFT THICKNESS OF STRUCTURAL FILL SHOULD NOT EXCEED 8 INCHES.

3. CONCRETE:

- REINFORCED CONCRETE SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE 2006 INT'L. BUILDING CODE AND ACI STANDARD NO. 318-05.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60. ALL REINFORCING STEEL SHALL BE ACCURATELY PLACED IN THE FORMS AND HELD FIRMLY IN PLACE BEFORE AND DURING THE PLACEMENT OF CONCRETE PER THE "MANUAL OF STANDARD PRACTICE," PUBLISHED BY CRSI. USE CONCRETE BLOCKS FOR SUPPORTING FOUNDATION AND SLAB REINFORCEMENT.
- CONCRETE SHALL BE COMPRISED OF TYPE II OR IP CEMENT WITH ASTM C 33 AGGREGATES, SHALL BE 6-SACK MIX MINIMUM AND A MAXIMUM SLUMP OF 4".
- CONCRETE COVERAGE FOR REINFORCING STEEL SHALL BE THE CLEAR DISTANCE TO THE EXTERIOR FACE OF BAR AS FOLLOWS: FOUNDATIONS POURED AGAINST GROUND-3"; FORMED SURFACES EXPOSED TO GROUND OR WEATHER - 1-1/2"; SLABS-ON-GRADE - 1" CLEAR AT TOP.
- ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED OR TOOLED 3/4". PROVIDE CONSTRUCTION AND TOOLED JOINTS AS SHOWN ON DRAWINGS.
- ALL CONCRETE SHALL BE VIBRATED INTO PLACE.
- PROVIDE COLD OR HOT WEATHER PROTECTION AS REQUIRED BY ACI 305 & 306.
- FALSE WORK SHALL CONFORM TO ORANGE BOOK STANDARDS.
- CONCRETE SHALL BE CURED USING ASTM C309, TYPE I, CLASS B; CLEAR WATER-BASED CURE-SEAL, MEMBRANE FORMING, MINIMUM 30% SOLID; EUCLID CHEMICAL COMPANY "SUPER DIAMOND CLEAR VOX" OR EQUAL.
- ALL ANCHOR BOLTS SHALL BE ASTM A307 OR BETTER UNLESS NOTED OTHERWISE.
- FOOTINGS SHALL BE HAND CLEANED PRIOR TO PLACING OF CONCRETE.
- CONCRETE STRENGTHS DEFINED BY USE:

CONCRETE FOOTINGS :

- COMPRESSIVE STRENGTH (28 DAYS): 4,000 PSI.
- SLUMP: 2" TO 4".
- ENRAINED AIR: 0-7.5%.
- WATER/CEMENT RATIO: 0.55 MAX.
- SACKS CEMENT PER CUBIC YARD: 6.5 MIN.
- FINISHES: UNFORMED SURFACES NOT EXPOSED TO VIEW: WOOD FLOAT.
 FORMED SURFACES NOT EXPOSED TO VIEW: ROUGH-FORMED FINISH.
 UNFORMED SURFACES EXPOSED TO VIEW: TROWEL.
 FORMED SURFACES EXPOSED TO VIEW: SMOOTH-RUBBED PER ACI 301.

4. STEEL:

- STRUCTURAL STEEL SHALL BE SHOP FABRICATED IN ACCORDANCE WITH THE APPLICABLE AISC SPECIFICATION, AISC CODE OF STANDARD PRACTICE, AND AWS D1.1.
- SHOP DRAWINGS SHALL BE PROVIDED FOR APPROVAL OF ALL STEEL ITEMS FURNISHED (4 COPIES).
- ALL EXPOSED SHARP CORNERS AND EDGES SHALL BE GROUND TO PROVIDE A RADIUS EDGE.
- WIDE FLANGE BEAMS SHALL BE ASTM A588 GRADE 50, ALL OTHER STRUCTURAL STEEL SHAPES, PLATES AND BARS SHALL BE ASTM A588 U.N.O.
- PIPE COLUMNS SHALL BE ASTM A588. RECTANGULAR COLUMNS SHALL BE ASTM A588.
- ALL BOLTS AND THREADED RODS SHALL BE ASTM A588 UNLESS NOTED OTHERWISE.
- A325 AND A490 BOLTS SHALL BE TIGHTENED BY THE "TURN OF THE NUT METHOD".
- CONNECTIONS SUBJECT TO DIRECT TENSION SHALL BE PRETENSIONED TO THE FOLLOWING:

NOMINAL DIAMETER (IN)	MINIMUM TENSION (KIPS)		NUT ROTATION
	A325 BOLTS	A490 BOLTS	
1/2	12	15	1/3 TURN
5/8	19	24	1/3 TURN
3/4	28	35	1/3 TURN
7/8	39	49	1/3 TURN
1	51	64	1/3 TURN

- ALL JOINT SURFACES, INCLUDING SURFACES ADJACENT TO THE BOLT HEAD AND NUT SHALL BE FREE OF SCALE, EXCEPT TIGHT MILL SCALE, AND OF DIRT OR OTHER FOREIGN MATERIAL.
- STANDARD HOLES SHALL BE USED, UNLESS OTHERWISE INDICATED ON THE DRAWINGS. HOLES SHALL BE DRILLED OR PUNCHED AT RIGHT ANGLES TO THE SURFACE OF THE METAL, NOT MORE THAN 1/16" LARGER THAN THE FASTENER DIAMETER, EXCEPT WHERE OVERSIZE HOLES ARE SPECIFIED. MAKING OR ENLARGING HOLES BY BURNING IS PROHIBITED, UNLESS SLOTTING IS REQUIRED BETWEEN TWO PUNCHED OR DRILLED HOLES. BURRS THAT WOULD PROHIBIT SOLID SEATING OF THE CONNECTED PARTS SHALL BE REMOVED. FLAME CUT HOLES ARE PERMITTED WHEN THE FASTENER DIAMETER EXCEEDS 1-1/8".
- BOLTS IN CONNECTIONS NOT SUBJECT TO TENSION LOADS AND WHERE LOOSENING OR FATIGUE DUE TO VIBRATIONS ARE NOT DESIGN CONSIDERATIONS NEED ONLY BE TIGHTENED TO THE SNUG-TIGHT CONDITION.

ISSUE RECORD / REVISION:

PURPOSE	DATE
60% SUBMITTAL	05-21-10
90% SUBMITTAL	07-02-10
100% SUBMITTAL	08-16-10
Bid Set SUBMITTAL	03-11-11

WINSTON ASSOCIATES
 4696 Broadway
 Boulder, CO 80304
 Tel: 303-440-9200
 Fax: 303-449-6911
 winstonassociates.com

RL ENGINEERING
 Civil and Structural Design
 675 Fairview Drive #223
 Carson City, NV 89701
 (775)884-3205 Fax (775)884-3265
 Rob.Lauder@rl-engr.com

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 LANDSCAPING PROJECT
 CARSON CITY, NEVADA**



APR 26 2011

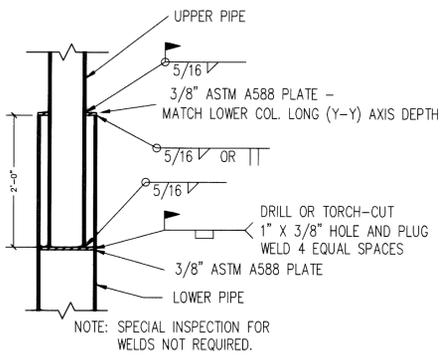
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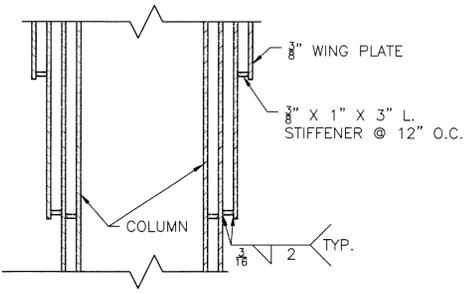
SHEET NAME:
**STRUCTURAL
 DETAILS**

DATE: **08-16-10**
 DRAWN BY: **RFL**
 CHECKED BY: **RFL**

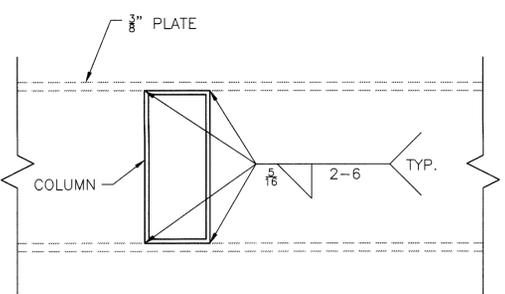
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S-800



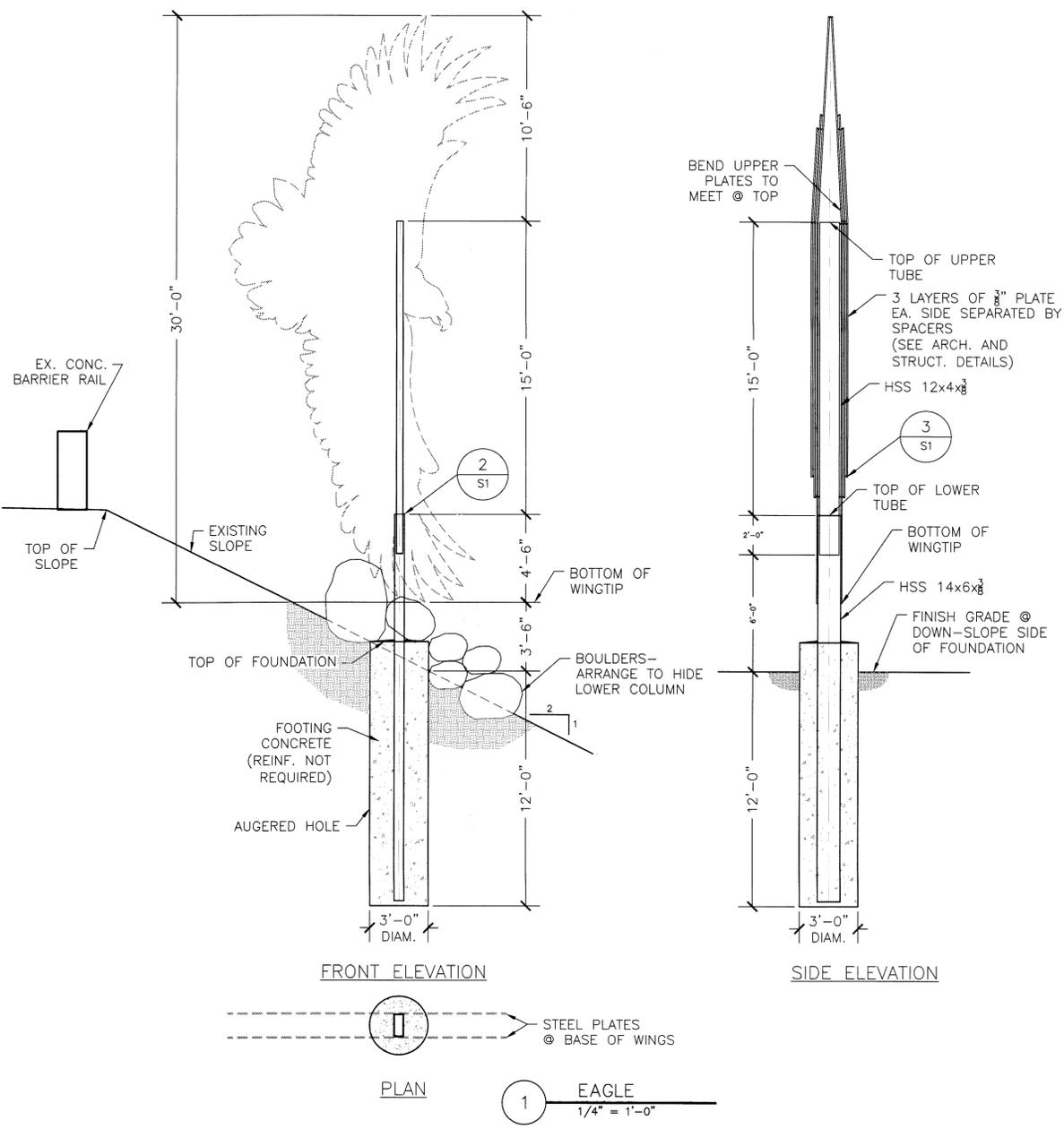
2 COLUMN TRANSITION
 3/4" = 1'-0"



3 WING STIFFENERS
 1-1/2" = 1'-0"



4 PLATE-TO-COLUMN
 1-1/2" = 1'-0"

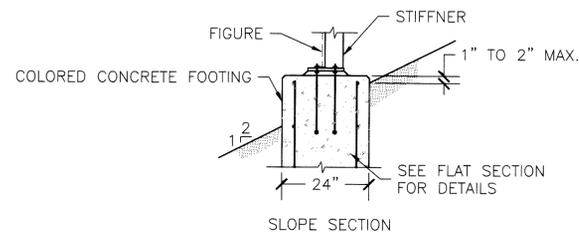


EAGLE COLUMN NOTE:

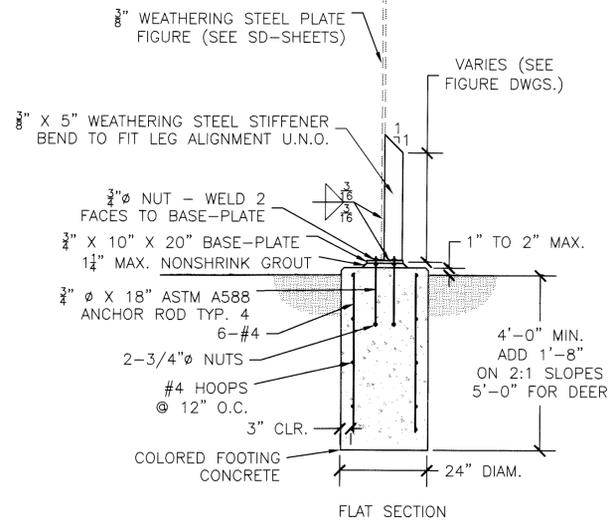
- IF ASTM A588 HSS SHAPES ARE NOT READILY AVAILABLE IN THE SIZES SPECIFIED, IT IS ACCEPTABLE TO REPLACE THE COLUMN WITH A CONTINUOUS COLUMN ASTM A588 W12X45 OR LARGER, OR ASTM A588 W14X48 OR LARGER, WITH APPROVAL OF THE ENGINEER.

Site Plan Sheet	Location	Figure Name	Grade	Site Detail Sheet SD	Struct. Detail/Sheet	# of Footings per Fig.	Stiffeners	Notes
SP101/SP102	N. Carson	Mule Deer A	Flat	800	2/S-801	4	PL 3/8 x 5	
		Mule Deer B	Flat	"	2/S-801	4	"	
		Mule Deer C	Flat	"	1/S-801	2	"	
		Mule Deer D	Flat	"	2/S-801	2	HSS 4 x 2 x 1/8	
		Mule Deer E	Flat	"	2/S-801	4	PL 3/8 x 5	
SP201/SP202	Arrowhead	Motorcycle	Flat	801	1/S-801	1	HSS 4 x 2 x 1/8	
		Sidecar	Flat	"	1/S-801	1	HSS 4 x 2 x 1/8	
		Officer	Flat	"	1/S-801	1	PL 3/8 x 5	
		Doughboy A	Flat	"	1/S-801	1	"	
		Doughboy B	Flat	"	1/S-801	1	"	
		Doughboy C	Flat	"	1/S-801	1	"	
		Touring Car	Flat	"	1/S-801	2	"	
SP301	Northgate	Cowboy Recruit	Flat	802	1/S-801	2	"	
		Horse Trails (2)	2:1	803	3/S-801	7	PL 3/8 x 2.5	
		Bull "A"	2:1	804	1/S-801	2	PL 3/8 x 5	
		Cow "B"	2:1	804	1/S-801	2	"	
		Cow Grazing "C"	2:1	804	1/S-801	2	"	
		Cowboy on Horse	2:1	804	1/S-801	1	"	
		Horse A	2:1	804	2/S-801	3	"	
		Horse B	2:1	"	2/S-801	2	"	
		Pond	2:1	"	3/S-801	27	PL 3/8 x 2.5	
		Nellie Davis	2:1	"	1/S-801	1	PL 3/8 x 5	
SP302	Northgate	Horse A	2:1	804	2/S-801	3	"	
		Horse B	2:1	"	2/S-801	2	"	
		Pond	2:1	"	3/S-801	27	PL 3/8 x 2.5	
		Nellie Davis	2:1	"	1/S-801	1	PL 3/8 x 5	
		Sam Davis	2:1	"	1/S-801	1	"	
		Cow and Davis Children	2:1	"	1/S-801	3	"	
		Horse Standing	2:1	"	1/S-801	2	"	
SP303	Emerson	Cowboy Tending Horse	Flat	"	4/S-801	2	"	
		Horse Trails (2)	2:1	803	3/S-801	7	PL 3/8 x 2.5	
		Cow Grazing	2:1	804	1/S-801	2	PL 3/8 x 5	
		Horse A	2:1	804	2/S-801	2	"	
		Horse B	2:1	"	2/S-801	3	"	
SP401	College	Ore Cart "A"	2:1	805	5/S-801	1	"	Paved
		Ore Cart "B"	2:1	"	5/S-801	1	"	Paved
		Tracks on Slope	2:1	"	6/S-801	-	"	Paved
		Miner A	2:1	"	7/S-802	1	PL 3/8 x 5	Paved
		Miner B	2:1	"	7/S-802	1	"	Paved
		Group of Miners	2:1	"	7/S-802	3	"	Paved
SP403	College	Miner C (Pusher)	Flat	"	8/S-802	1	PL 3/8 x 6	2 Figs. Req'd
		Miner D (Pusher)	Flat	"	8/S-802	1	"	2 Figs. Req'd
		Miner D (Rock Driller)	2:1	"	7/S-802	1	PL 3/8 x 5	Paved
		Miner E	2:1	"	7/S-802	1	"	Paved
		Miner F	2:1	"	7/S-802	1	"	Paved
		Southbound Stage	2:1	"	9/S-802	2	"	"
SP501	Carmine	Southbound Stage	2:1	806	9/S-802	2	PL 3/8 x 8	
		Southbound Horses	2:1	"	9/S-802	2	"	
SP502	Carmine	Northbound Stage	2:1	"	9/S-802	3	"	
		Northbound Horses	2:1	"	9/S-802	3	"	
SP601	Hwy. 50	Chinese Laborer A	2:1	807	1/S-801	2	PL 3/8 x 5	
		Chinese Laborer B	2:1	"	1/S-801	4	"	
		Chinese Laborer C	2:1	"	1/S-801	1	"	
		Southbound Train	2:1	808	9/S-802	10	PL 3/8 x 8	
		Roundhouse Doors	2:1	"	10/S-802	3	HSS 4 x 4 x 3/16	Paved
		V&T Engine	Flat	"	11/S-802	3	PL 3/8 x 10	2 Figs. Req'd
		Labors A and B	2:1	807	1/S-801	4	PL 3/8 x 5	
SP602	Carmine	Laborer C	2:1	"	1/S-801	1	"	

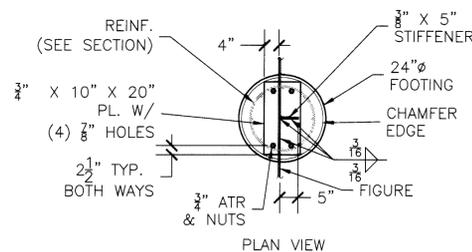
FOOTING SCHEDULE



1 FOOTING
1/2" = 1'-0"



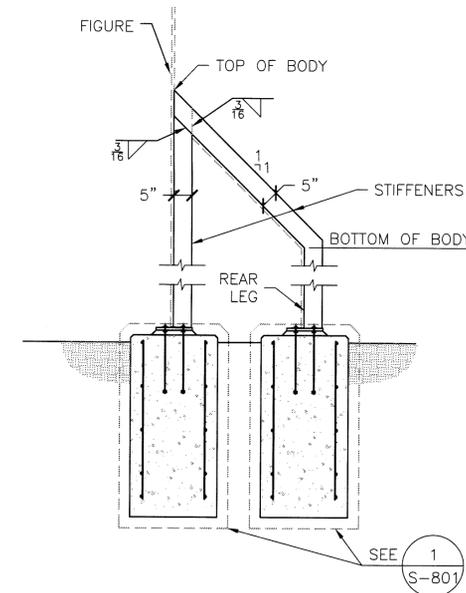
2 4 LEGGED FOOTING
1/2" = 1'-0"



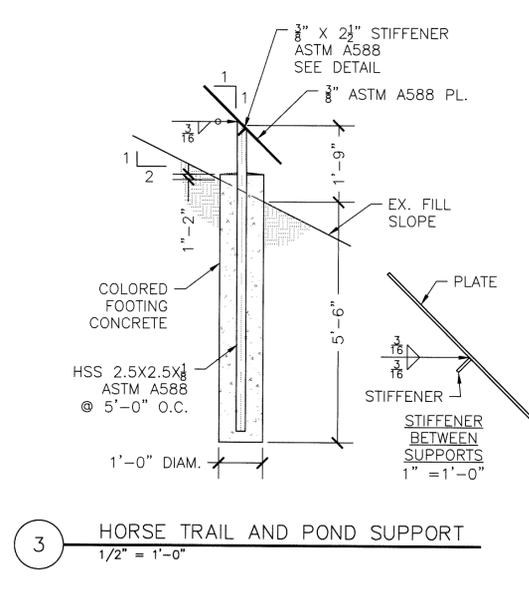
3 COWBOY TENDING HORSE
1/2" = 1'-0"

- ANCHOR ROD NOTES:**
- 3" EXTENSION.
 - THREAD BOTH ENDS 3" L.
 - NUT THREADS SHALL MATCH ROD THREAD.
 - AS SUPPLIED BY PORTLAND BOLT 1-800-547-6758, LIPPINCOTT SUPPLY 1-800-244-1143, DANFORTH SCREW AND BOLT 1-800-999-4020, OR APPROVED EQUAL.
 - TACK WELD ALL TOP NUTS TO BASEPLATES.

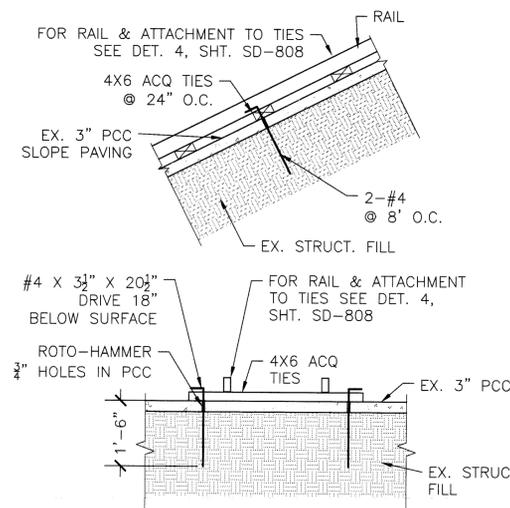
- STIFFENER NOTES:**
- SEE SCHEDULE FOR STIFFENER SIZE.
 - STIFFENERS SHALL BE LOCATED AND BENT TO FIT BEHIND FIGURES AND LEGS AS MUCH AS POSSIBLE.
 - VERIFY WITH OWNER WHICH SIDE OF EACH FIGURE IS THE FRONT.



4 ORE CART ANCHORAGE
1" = 1'-0"



5 ORE CART TRACK ANCHORAGE
1/2" = 1'-0"



6 ORE CART TRACK ANCHORAGE
1/2" = 1'-0"

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WINSTON ASSOCIATES
4696 Broadway
Boulder, CO 80304
Tel: 303-440-9200
Fax: 303-449-6911
winstonsassociates.com

RL ENGINEERING
Civil and Structural Design
675 Fairview Drive #223
Carson City, NV 89701
(775)884-3205 Fax (775)884-3265
Rob.Lauder@rl-engr.com

**CARSON CITY FREEWAY
LANDSCAPING PROJECT
CARSON CITY, NEVADA**

PROFESSIONAL ENGINEER
ROBERT E. LAUDER
Exp. 12-31-11
CIVIL
No. 6801

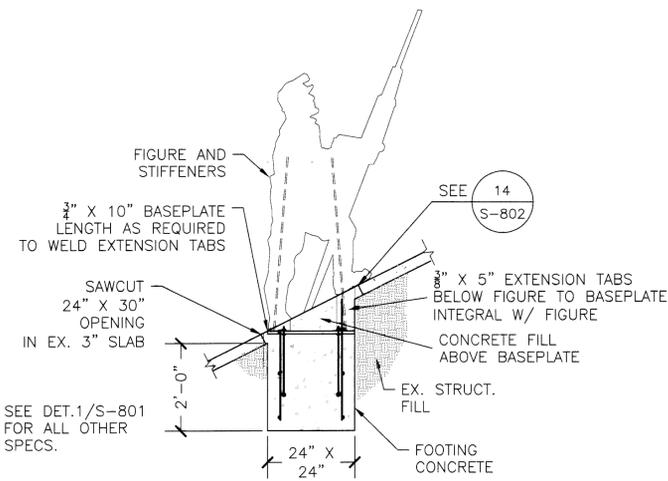
APR 26 2011

PREPARED FOR:
CARRIAGE LIFT SYSTEMS

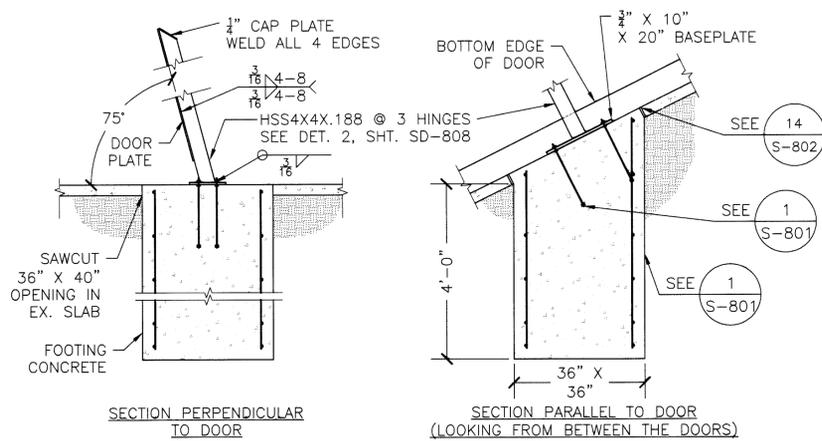
SHEET NAME:
**STRUCTURAL
DETAILS**

DATE: 08-16-10
DRAWN BY: RFL
CHECKED BY: RFL

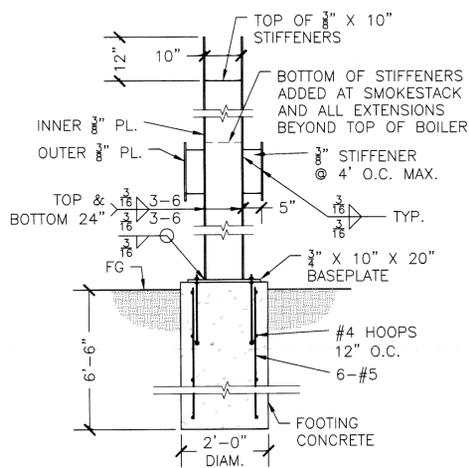
SHEET NUMBER:
S-801



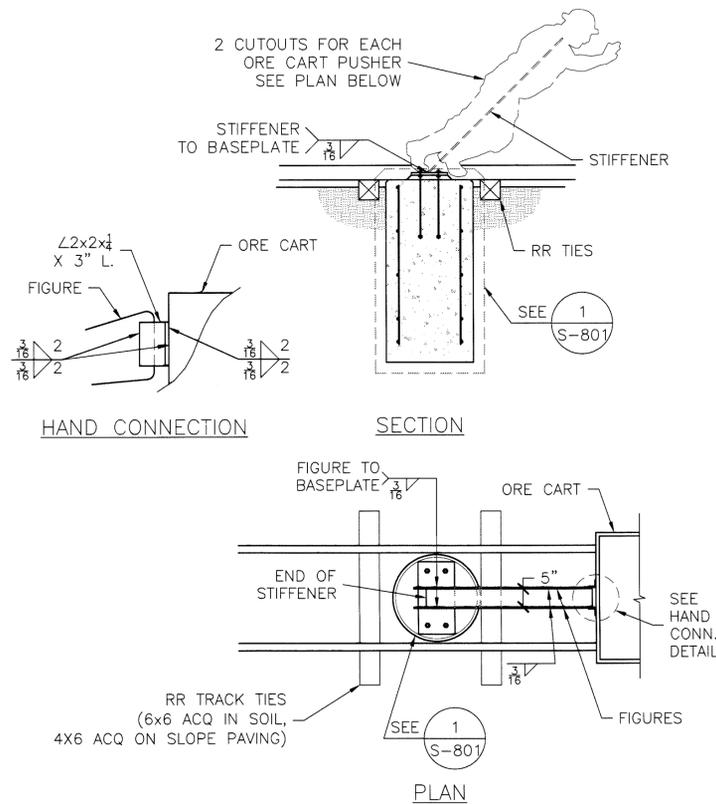
7 MINER "A" AND "B" ANCHORAGE
1/2" = 1'-0"



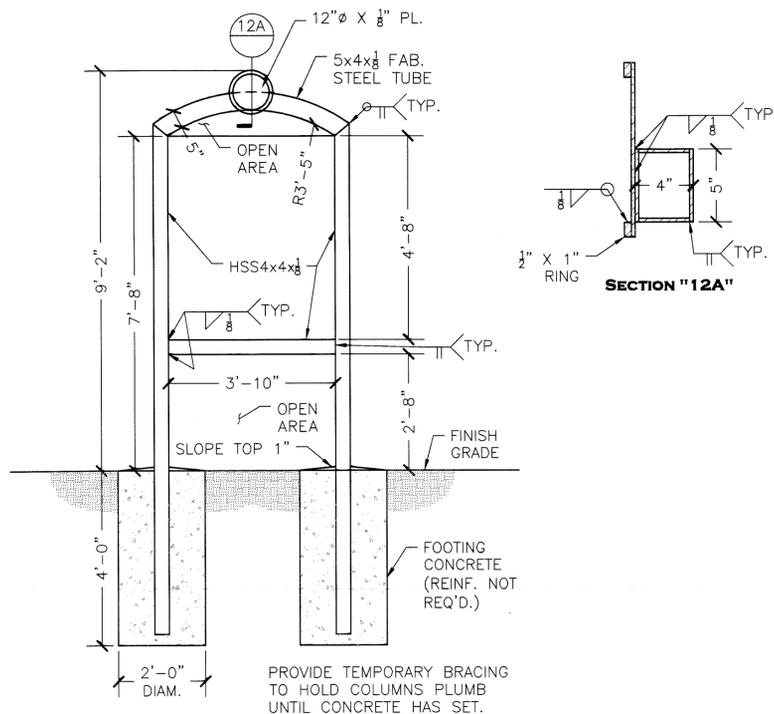
10 ROUNDHOUSE DOOR ANCHORAGE
1/2" = 1'-0"



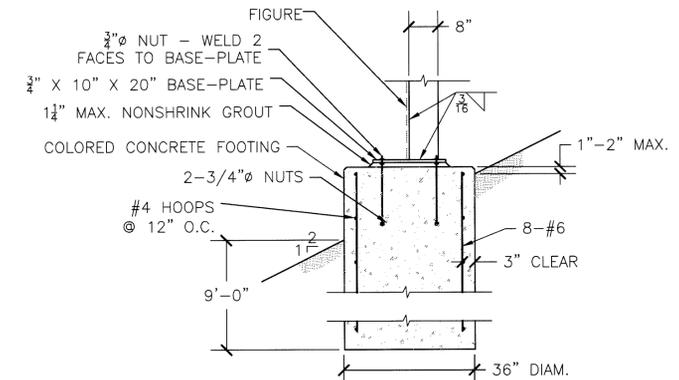
11 V&T ENGINE FOOTING
1/2" = 1'-0"



8 ORE CART PUSHERS
1/2" = 1'-0"

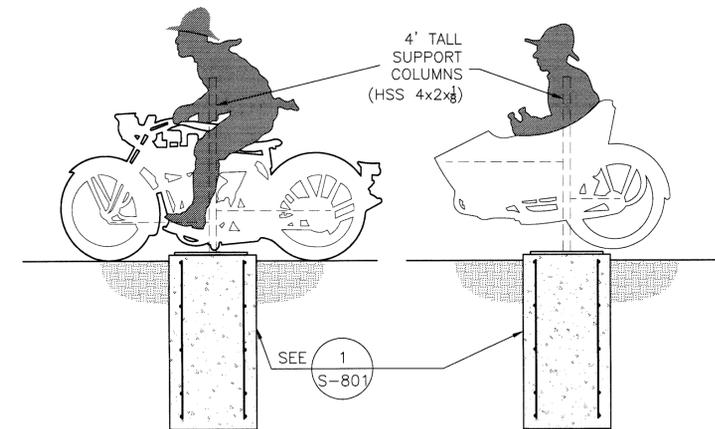


12 RECRUITING POSTER SIGN
1" = 1'-0"

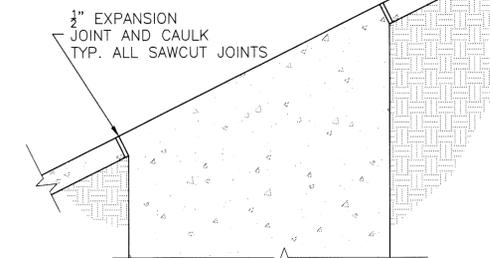


9 TRAIN AND STAGECOACH FOOTINGS
1/2" = 1'-0"

- NOTES:
1. LOCATE STIFFENERS IN THE MIDDLE OF EACH LEG OF THE FIGURE U.N.O.
 2. WELD ALL TOP NUTS TO BASEPLATES.
 3. REFER TO DETAIL 1/S-801 FOR ANCHOR ROD AND REINFORCING SIZES AND LAYOUT.



13 MOTORCYCLE/SIDECAR ANCHORAGE
1/2" = 1'-0"



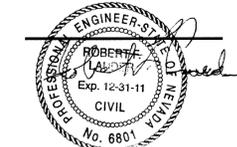
14 SLAB JOINT
1" = 1'-0"

ISSUE RECORD / REVISION:	
PURPOSE	DATE
60% SUBMITTAL	05-21-10
90% SUBMITTAL	07-02-10
100% SUBMITTAL	08-16-10
BID SET SUBMITTAL	03-11-11

WINSTON ASSOCIATES
4696 Broadway
Boulder, CO 80304
Tel: 303-440-9200
Fax: 303-449-6911
winstonassociates.com

RL ENGINEERING
Civil and Structural Design
675 Fairview Drive #223
Carson City, NV 89701
(775)884-3205 Fax (775)884-3265
Rob.Lauder@rl-engr.com

CARSON CITY FREEWAY LANDSCAPING PROJECT CARSON CITY, NEVADA



APR 26 2011

PREPARED FOR:



SHEET NAME:

**STRUCTURAL
DETAILS**

DATE: 08-16-10

DRAWN BY: RFL

CHECKED BY: RFL

SHEET NUMBER:

S-802