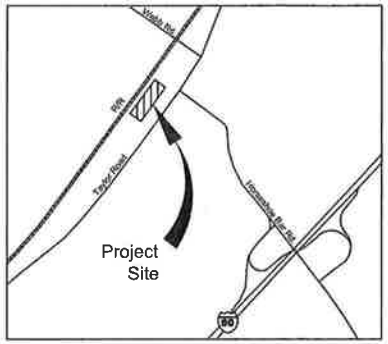
Loomis Downtown Park

IMPROVEMENT PLANS

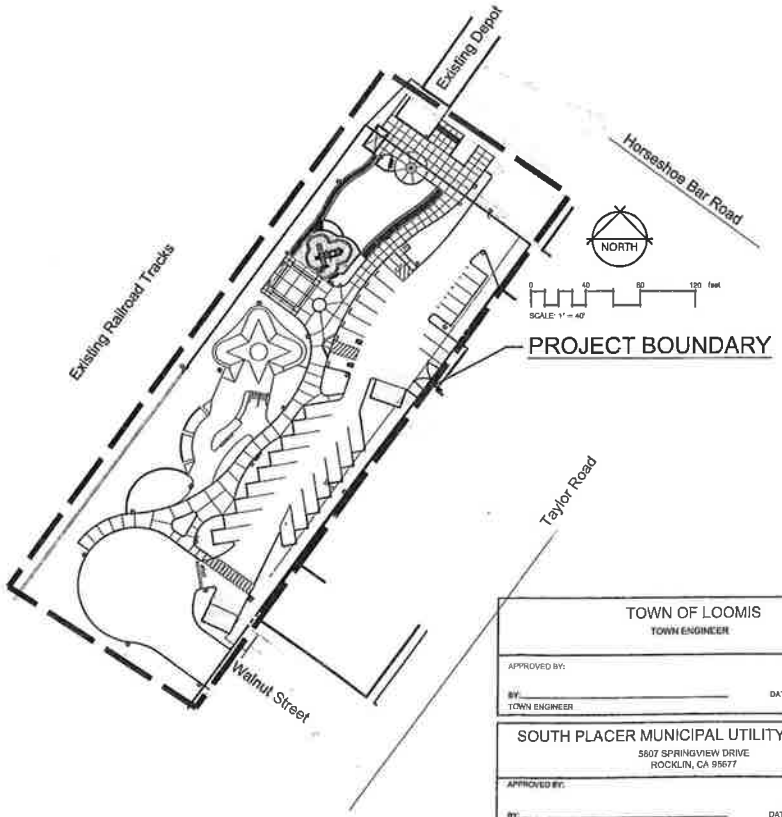
Town of Loomis, Placer County, California

DRAFT August 17, 2010

65% SUBMITTAL
PRELIMINARY, NOT
FOR CONSTRUCTION



Vicinity Map
N.T.S.



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SK-6.1 Details

Owner/Developer:

Town of Loomis
P.O. Box 1327
Loomis, CA 95650
(916) 652-1840

811
Know what's below.
Call before you dig.
Contractor shall call Underground Service Alert at 811 two working days prior to excavation

Utilities

Telephone:
AT&T
2823 Bell Road
Auburn, CA 95603
(530) 885-7702

Electric and Gas:
Pacific Gas & Electric
333 Sacramento Street
Auburn, CA 95603
(916) 889-3256

Water:
Placer County Water Agency
P.O. Box 6570
Auburn, Ca 95604
(916) 823-4885 or 823-4850

Sewer
South Placer Municipal Utility District
5807 Springview Drive
Rocklin, CA 95677
(916)786-8555

Benchmark:
W 45, being a brass disc in the top of the concrete foundation of pillars between the northeast most pillars on the northwest entrance to the Rocklin-Loomis Municipal Utilities District building on Taylor Road, 186 feet southwest of the southwest curb of Horseshoe Bar Road, approx. 7 feet northeast of the center of the entrance door. NAVD 88 Elev. = 401.17

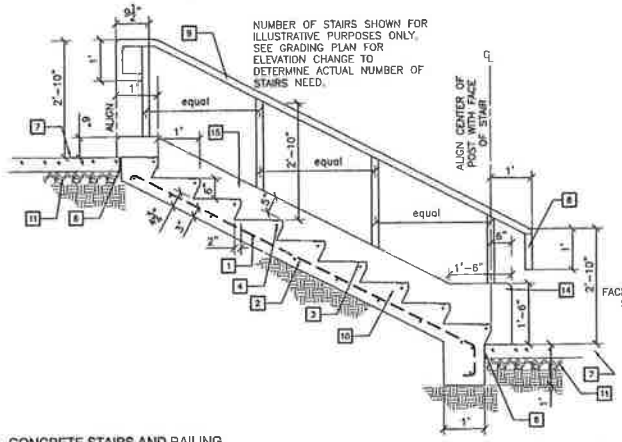
TOWN OF LOOMIS TOWN ENGINEER	LOOMIS FIRE PROTECTION DISTRICT
APPROVED BY: BY: _____ DATE: _____ TOWN ENGINEER	APPROVED BY: BY: _____ DATE: _____ FIRE CHIEF
SOUTH PLACER MUNICIPAL UTILITY DISTRICT 5807 SPRINGVIEW DRIVE ROCKLIN, CA 95677 (916) 786-8555	PLACER COUNTY WATER AGENCY 144 FERGUSON ROAD (P.O. BOX 6570) AUBURN, CA 95604 (530) 823-4850
APPROVED BY: BY: _____ DATE: _____ GENERAL MANAGER	APPROVED BY: BY: _____ DATE: _____ AGENCY ENGINEER

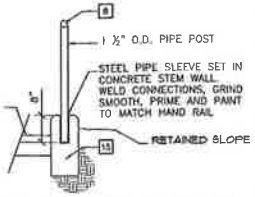
REVISIONS

omni-means ENGINEERS PLANNERS

TITLE SHEET
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SHEET No.
T1
X of -



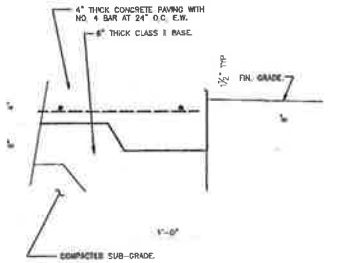


SECTION THROUGH TYPICAL STEM WALL POST CONNECTION

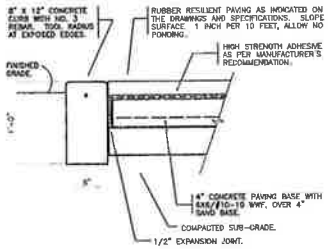
NOTES LEGEND

1. #4 REBAR (CONT.) @1-PER RISER
2. #4 REBAR @ 12" O.C.
3. 2" MIN. WIDTH WARNING STRIP. ALL TREADS-1/4"x1/4" GROOVES @ 3/4" O.C. OR APPROVED EQ. 1/4" SLOPE IN 12" (TYP.) ON ALL TREADS
4. #3 NOSE BAR- PROVIDE 2" CLR.
5. 1/2" RADIUS (TYP.)
6. EXPANSION JOINT
7. CONCRETE WALK OR SLAB, MEDIUM BROOM FINISH
8. RETURN EXTENSIONS AT BOTTOM OF STAIRS AS INDICATED ON THE PLANS.
9. HANDRAIL-1\" DIA. STEEL TUBE HANDRAIL (TYPICAL EACH SIDE OF STAIRS) HOT DIP GALV. AFTER FABRICATION, POWDER COAT BLACK PRIOR TO INSTALLATION, PROVIDE POSTS AS ILLUSTRATED.
10. CONCRETE (2500 PSI @ 28 DAYS)
11. CLASS II AGGREGATE BASE MINIMUM, COMPACTED TO 90%
12. COMPACTED SUB GRADE PER SOILS REPORT
13. NOT USED
14. 1-INCH CHAMFER
15. CONCRETE STEM WALL, SMOOTH FINISH

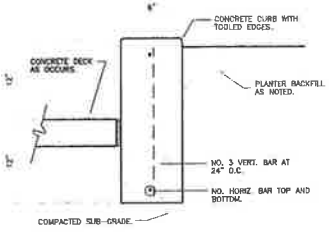
1 CONCRETE STAIRS AND RAILING
3/4" = 1'-0"
321319.13-04



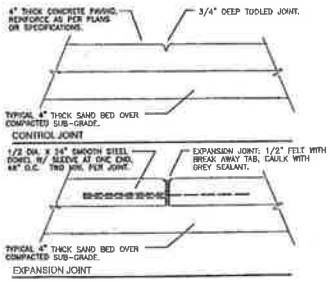
2 REINFORCED CONCRETE EDGE
1 1/2" = 1'-0"
321313.16-03



3 CONCRETE CURB AT RESILIENT PAVING
1 1/2" = 1'-0"
321818.13-01



4 12" CONCRETE CURB AT PLANTER
1 1/2" = 1'-0"
321813.16-02



5 CONCRETE EXPANSION/CONTROL
1 1/2" = 1'-0"
321313.13-01

SEE TOWN OF LOOMIS LAND DEVELOPMENT MANUAL AND CONSTRUCTION STANDARDS FOR CURB DETAILS IDENTIFIED IN THESE PLANS

REVISIONS

omni-means ENGINEERS PLANNERS

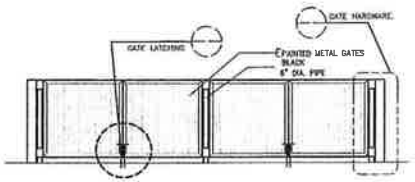
CONCRETE PAVING DETAILS
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

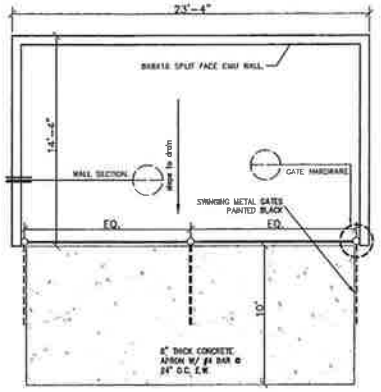
SCALE: as noted
JOB NO: 29-4400-12
DESIGNED: SAR
DRAWN: SAR
FILE: 14442008
CHECKED: SAR
DATE: -

SHEET No. C2 / X of -

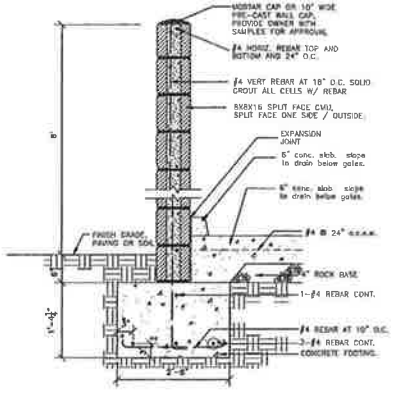
LICENSED LANDSCAPE ARCHITECT SCOTT A. ROBERTSON No. 4221 STATE OF CALIFORNIA

2

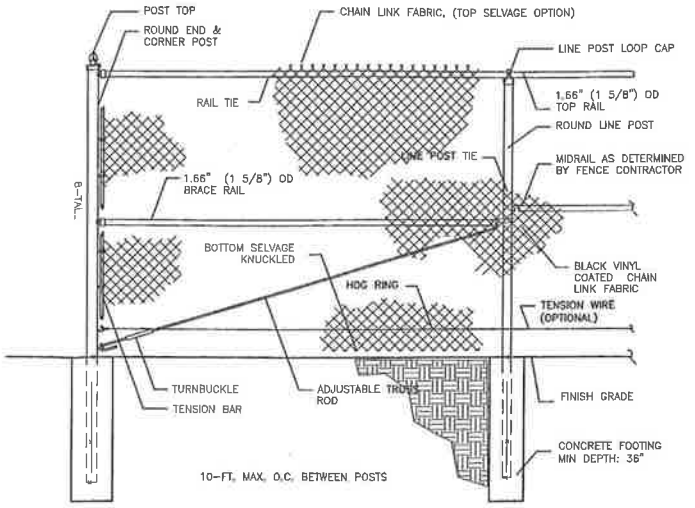




1 TRASH ENCLOSURE PLAN AND ELEVATION
1/4" = 1'-0" TRSH-06.112-01



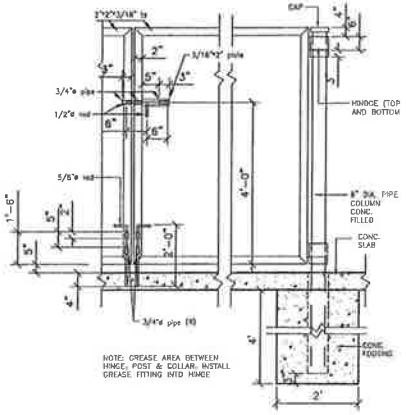
2 TYPICAL WALL SECTION
1" = 1'-0" TRSH-06.112-02



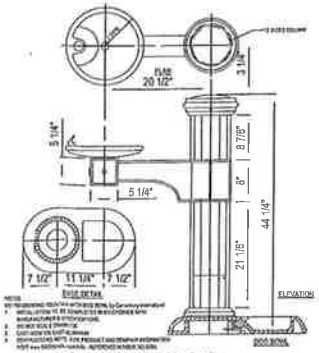
END & CORNER POST TOP OPTIONS	TOP & BOTTOM FABRIC OPTIONS
DOME	KNUCKLE

NOTES:
1. DIMENSIONS ARE NOMINAL FOR U.S. DIMENSIONS.
2. FOOTING WIDTH TO BE (4)X POST WIDTH.
3. CONTRACTOR TO PROVIDE SHOP DRAWING AS NEEDED IF CONTRACTOR VARIES DESIGN INTENT AS SHOWN ON THIS DETAIL.
4. POST TOP AND TOP/BOTTOM FABRIC OPTIONS PER TABLE AT LEFT
5. FENCE CONTRACTOR TO SPECIFY FOOTING DEPTH

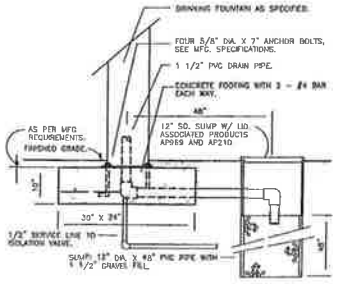
4 6 FT CHAIN LINK FENCE
3/4" = 1'-0" 332113.02-01



3 GATE POST / HINGE / LATCH
3/4" = 1'-0" DETAIL-FILE



5 DRINKING FOUNTAIN W/ DOG BOWL
3/4" = 1'-0" 224718-01



6 DRINKING FOUNTAIN DRAIN
1" = 1'-0" 224713-01

REVISIONS

omni-means ENGINEERS PLANNERS

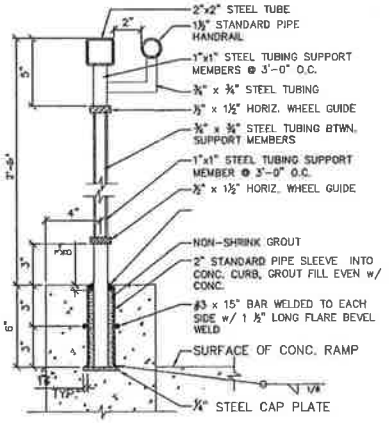
TRASH ENCLOSURE, FENCE, DRINKING FOUNTAIN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	as noted
JOB NO	23-4490-10
DESIGNED	SAR
DRAWN	SAR
FILE	16440D4
CHECKED	SAR
DATE	-

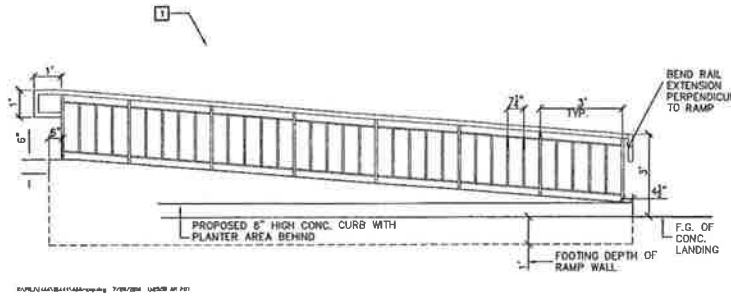
SHEET No. C3

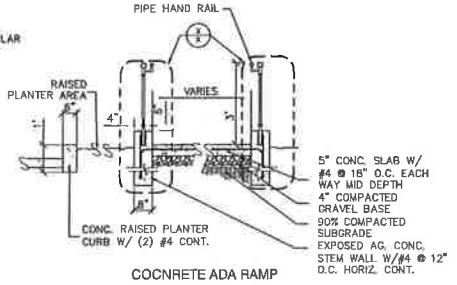
LICENSED LANDSCAPE ARCHITECT SCOTT A. ROBERTSON STATE OF CALIFORNIA

W



1 RAMP RAILING SECTION





COCNRETE ADA RAMP

2 CONCRETE ADA RAMP

RAMP DETAIL STILL TO BE COMPLETED

REVISIONS

omni-means ENGINEERS PLANNERS

ADA RAMP DETAILS
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	as noted
JOB NO.	25-4490-10
DESIGNED	SAR
DRAWN	SAR
FILE	14440006
CHECKED	SAR
DATE	-

SHEET NO. C4 X or -

LICENSED LANDSCAPE ARCHITECT SCOTT A. ROBERTSON No. 4574 STATE OF CALIFORNIA

4

RESTROOM ADD ALTERNATE BID

Contractor to provide ADD ALTERNATE bid price for the following element:

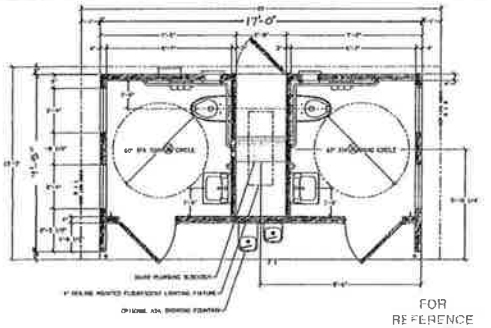
The Contractor shall provide the Town of Loomis with design/build options to build-in-place, or provide an off-site manufactured facility. The intent is match the look / finish of the adjacent Town of Loomis Depot (adjacent property).

The restroom facility footprint identified on the plans is conceptually designed to reflect the foot-print (9'-5" x 17'-0") of a CXT Concrete Buildings, Cortez Model Flush Toilet Restroom. The exterior finish and color to "replicate" the Town of Loomis Depot colors. If CXT product, utilize concrete "horizontal lap siding" painted "Depot Yellow" and "Depot Brown" for trim and doors. Roof to be concrete "Cedar Shake" style.
Contractor shall (if selected) provide the Town Engineer with shop drawings for proposed design, material samples, and paint color samples for approval.

Contractor to prepare pad per grading plan, acquire all permits, provide mechanical / plumbing / electrical as indicated on other plans within this set.

Bid price shall include all costs (itemized) to turn key (design and construct the facility)the facility in the location indicated on the plans.

EXAMPLE FACILITY IMAGE BASED ON "CORTEZ" MODEL



FOR REFERENCE ONLY

CONCEPT RESTROOM FOOT PRINT

RESTROOM FACADE DESIGN INTENT STUDY

SHADE STRUCTURE ADD ALTERNATE BID

Contractor to provide ADD ALTERNATE bid price for the following element:

SHADE STRUCTURE by *POLIGON PARK ARCHITECTURE*, Model: Carnival, 24-ft. square (CAR24), square columns (K01), with multi-ribbed clearstory hip roof-color to be Pompano Green, frame color to be Bumper Black. See electrical plan for lighting and electrical outlet connections. Provide electrical cut outs in two columns. Contractor to install per manufacture's specification.

"CARNIVAL" MODEL SHADE STRUCTURE EXAMPLE IMAGE

SITE FURNITURE ADD ALTERNATE BID

Contractor to provide ADD ALTERNATE bid price for the following park elements:

Contractor to coordinate / install the following elements in the number and locations identified on the plans:

- BENCHES by Landscape Forms, Model:Scarborough, Backless, 6-ft. Long, Horizontal Strap Design, Black Color. Contractor to provide 4-inch thick concrete base under each leg to mount bench per manufacture's specification.
- TRASH RECEPTACLES by Landscape Forms, Model: Scarborough, 30-gallon capacity, top opening, strap detail, black color. Contractor to provide 36-inch square, 4"-thick concrete pad to mount per manufacture's specification.
- DRINKING FOUNTAINS to match model used at Depot Area. Manufactured by Canterbury International, Model, Metro-Single Arm-w/ Dog Bowl Feature Option .Color: Black
- BIKE RACK by Landscape Forms, Model: "Ring", Black Powder Coat, Imbed Mount.

BENCH MODEL

TRASH RECEPTACLE MODEL

"RING" BIKE RACK MODEL

DRINKING FOUNTAIN MODEL

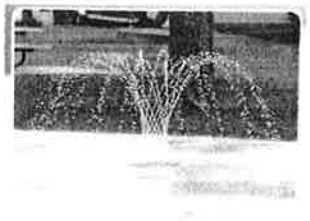
WATER PLAY ADD ALTERNATE BID

Contractor to provide ADD ALTERNATE bid price for the following park element:

Contractor to coordinate / construct in-place a water spray pad (24-ft. diameter concrete area-see plans) consisting of the following water spray elements manufactured by *Water Odyssey available via All About Play Distributors (916-923-2180)* or other approved manufacture / distributor:

- (6) "Aqua Arch" #W006C (water conserving model) arching element with 4-ft. height and 7-ft. throw.
- (1) "Water Weave" #W093 basket weave pattern with an operating height of 4-ft. and a spread of 8-ft.

Contractor to coordinate mechanical design, install spray element nozzles, all mechanical / pumping, storage, controllers/timers, and connect to drainage (assume re-circulated process), per manufacture's specification / design build plans.



Water Weave™ W093

WATER WEAVE EXAMPLE IMAGE

Aqua Arch™ W006

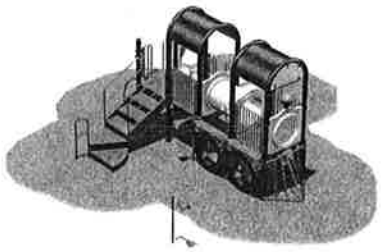
WATER ARCH ELEMENT IMAGE

TOT-LOT STRUCTURE ADD ALTERNATE BID

Contractor to provide ADD ALTERNATE bid prices for the following park element:

TOT-LOT STRUCTURES / AMENITIES by Little Tikes, per list of components below. Contact Tracy Styps, at "All About Play"- 530-644-8858 related to Project Design # LP655_40395609074_1.

Install equipment and surface per manufacture's specifications.See sheet xx for more detailed layout information and details.



TRAIN ENGINE THEME PLAY STRUCTURE

Product line: Kid Builders
Age group: 5-12
Post type: Galv. 13ga. / Plastic

KB Accent Color	Green
Kid Builder Post Color	Black
KB Pet/Crwl Tunnel Clr	Tan
Roof Color	Forest Green
KB Std/Float	Tan
Slone Clr Vinyl color	Brown
KB Steel Roof Clr	Black
Train Plastic Clr	Forest Green
Train Accent Clr	Green
Mount Option: Buried	

Components
200007701 HDWR BAG F/CLAMP ELIMINATION (MM)
200013796 KB 135° GALV POST WITH PLASTIC CAP
200127138 KB 148" GALV POST F/ARCH (2002)
200129385 TIRE F/TRIAN - FIRE TRUCK KB
200127153ROOF ARCH MESH KB F/SWAGE POST
200202024 KB STRUCT. MT TO FREE STAND. TALK TUBES
200014952 LADDER RUNG 1220 MM W/SAFETY LOOP KB
200006976 SLIDE DBL.WD. 1220 MM/48" KB
200016229 TRANSFER STATION 1220 F/KB
200201071 KB CUSTOM ARCH 1 SIGN W/ROOF F/SWAGE POST
200201461 KB TRAIN FENDER PTMT
200201462 KB TRAIN FENDER DKMT
200129388 TIRE ADD-ON F/TRIAN - FIRE TRUCK KB
200201476 KB TRAIN SMOKE STACK
200201336 KB TRAIN CATTLE GUARD
200007115 PANEL ARCH WINDOW DKMT. KB
200007102 TUNNEL CRAWL 780 MM DKMT. KB
200013893 DECK SQUARE KB
200109855 KBP SAFETY RAIL DKMT
200007007 CLIMBER ARCH 1220MM/48" W/SAFETY LOOP K

Additional Items
200164307 LABEL AGE APP. (5 TO 12 YRS.)
200111492 LABEL, IDENTIFICATION STAMPED W/RIVETS
200011004 CRATE,MED.,14" L X 34.5" H
200006193 TOOL BOX KID BUILDERS (MM)
200200530 KIT MAINTENANCE KB W/PAINT
200164519 MSDS BOOK

M00115022 WARNING LABEL 3 MESSAGES

REVISIONS

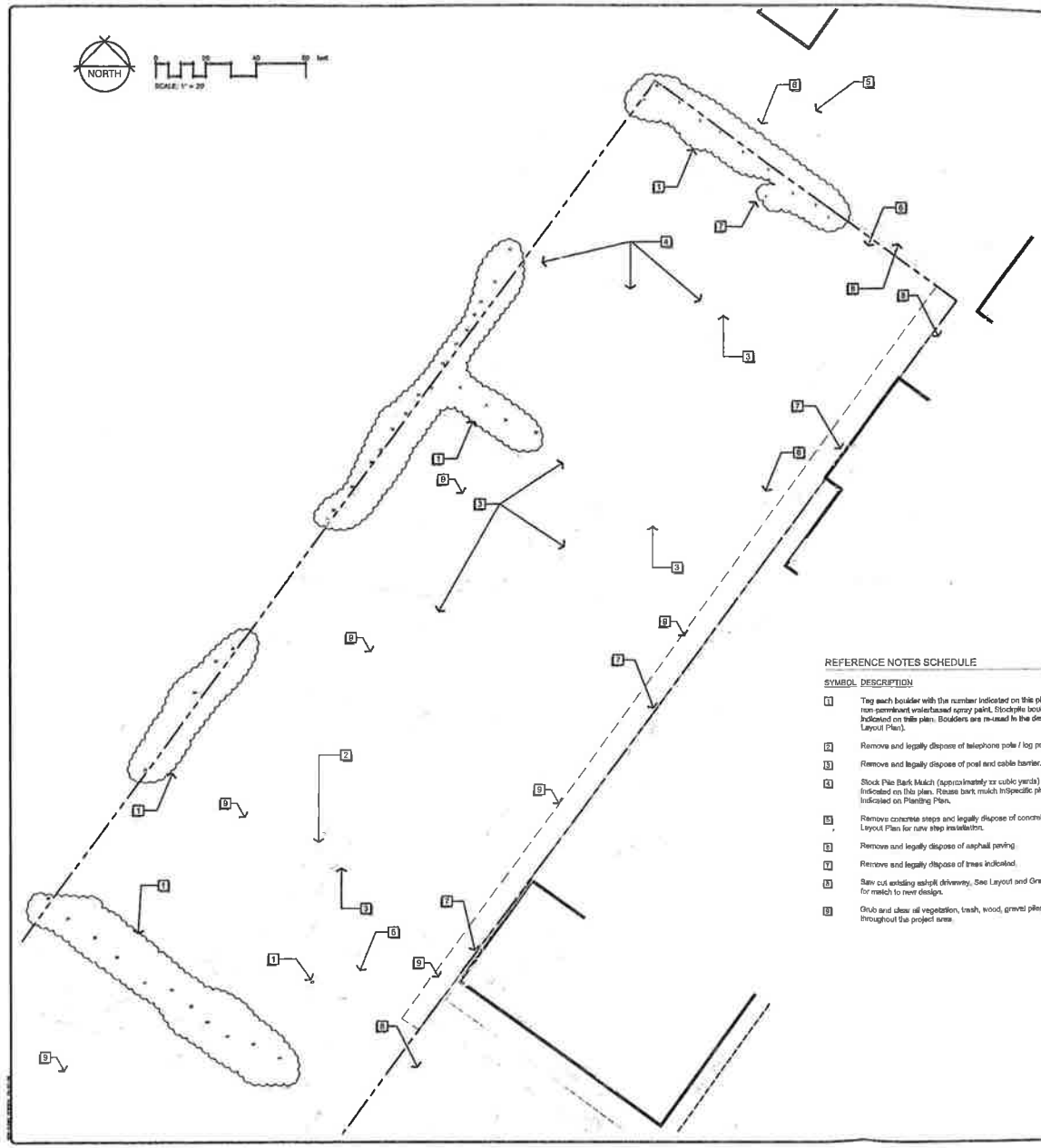
PRELIMINARY
APPROVED
NO
CONSTRUCTION
RECORD

omni · means
ENGINEERS PLANNERS

ALTERNATE BID ELEMENTS
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	as noted
JOB NO	25-0950-12
DESIGNED	SAB
DRAWN	SAB
FILE	1444C007
CHECKED	SAB
DATE	--

SHEET NO.
C5
X of -



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Tag each boulder with the number indicated on this plan. Use a non-permanent waterbased spray paint. Stockpile boulders in area indicated on this plan. Boulders are re-used in the design (see Layout Plan).
2	Remove and legally dispose of telephone pole / log pole barrier.
3	Remove and legally dispose of post and cable barrier.
4	Stock Pile Bark Mulch (approximately xx cubic yards) in location indicated on this plan. Reuse bark mulch inSpecific planters indicated on Planting Plan.
5	Remove concrete steps and legally dispose of concrete, etc. See Layout Plan for new step installation.
6	Remove and legally dispose of asphalt paving.
7	Remove and legally dispose of trees indicated.
8	Saw cut existing ashpit driveway. See Layout and Grading plans for match to new design.
9	Grub and clear all vegetation, trash, wood, gravel piles, etc. throughout the project area.

REVISIONS

No.	DESCRIPTION	DATE	BY

☐ PRELIMINARY ☐ APPROVED ☐ BID ☐ CONSTRUCTION ☐ RECORD

omni-means ENGINEERS PLANNERS

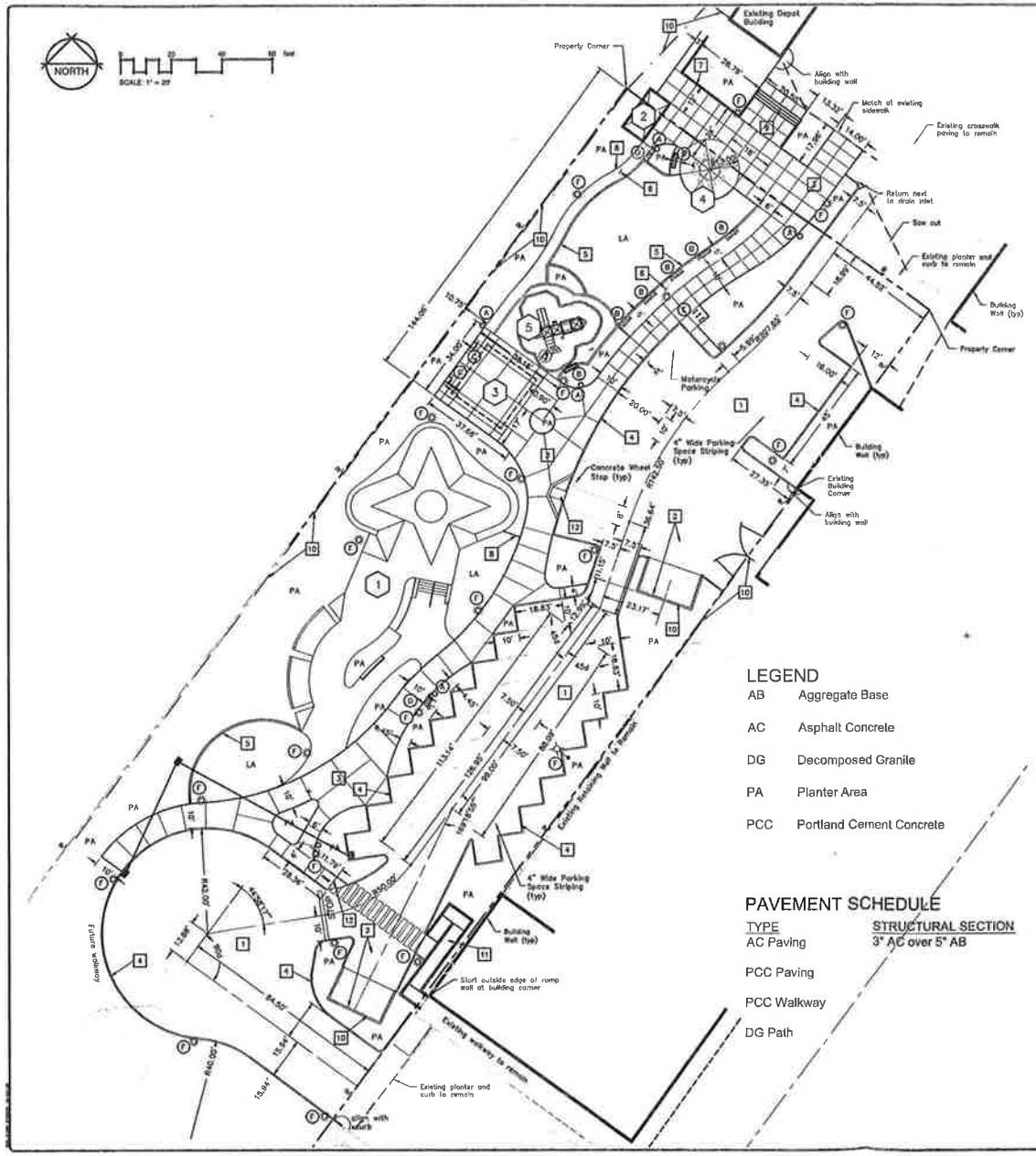
DEMOLITION PLAN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	1"=20'
JOB NO.	09-1410-10
DESIGNED	SAR
DRAWN	-
FILE	1440MD01
CHECKED	SAR
DATE	-

SHEET No.
DM1
X of -

LICENSED LANDSCAPE ARCHITECT SCOTT A. ROBERTSON No. 4371 STATE OF CALIFORNIA

6



LEGEND

AB	Aggregate Base
AC	Asphalt Concrete
DG	Decomposed Granite
PA	Planter Area
PCC	Portland Cement Concrete

PAVEMENT SCHEDULE

TYPE	STRUCTURAL SECTION
AC Paving	3" AC over 5" AB
PCC Paving	
PCC Walkway	
DG Path	

SITE FURNITURE LEGEND

- (A) TRASH CONTAINER (see sheet C5 for detailed model / spec. information)
- (B) 6-FT. BENCH (see sheet C5 for detailed model / spec. information)
- (C) BBQ (see sheet C5 for detailed model / spec. information)
- (D) DRINKING FOUNTAIN (see sheet C3 and C5 for detailed model / spec. information)
- (E) BIKE RACK (see sheet C5 for detailed model / spec. information)
- (F) SITE LIGHTING: See sheet xx for electrical plans, and schedules.

SITE STRUCTURE INFORMATION

Contractor to provide ADD ALTERNATE bid prices for the following park elements (**see also Sheet C5 for more information**):

1. SKATE FACILITY: See Skate ("SK") sheets for details and layout information.
2. RESTROOM FACILITY: Contractor to coordinate / build structure, prepare pad per grading plan and provide mechanical / plumbing / electrical as indicated on the utility plans and electrical plans within this set of plans
3. SHADE STRUCTURE: Contractor to install per manufacture's specification. See Electrical plans to coordinate electrical issues.
4. WATER PLAY SPRAY PAD: Contractor to install spray nozzles, drainage, mechanical and electrical per other plans located in this set, and per manufacture's specification / design build plans.
5. TOT-LOT STRUCTURES / AMENITIES: Install equipment and surface per manufacture's specifications.

---SITE FURNITURE: Contractor to install benches, trash receptacles, drinking fountains and bike racks.

KEYED NOTES

1. AC paving
2. PCC paving
3. PCC walkway
4. Type 5 barrier curb per Town of Loomis std drawing H-2.
5. Mow curb per detail on sheet C2
6. DG path per detail on sheet C2
7. Planter Curb Per detail on sheet C2
8. Plastic Header Board per detail on Sheet C2
9. Concrete Stairs per detail on Sheet C2
10. Trash enclosure per details on Sheet C3
11. ADA Ramp per details on Sheet C4
12. Curb Ramp per Caltrans Stnds.
13. 8-ft. High Vinyl Clad Chain Link Fence per detail sheet C3

SITE CONCRETE INFORMATION

Contractor to install site concrete per various details on Sheet C2 and the following:

1. Concrete walks / plaza concrete to be Wash-off Finish Colored Concrete, Davis Color: Pebble, Mix Rate of .5 lbs. of 641 per 94 lbs. (1cu/ft.) of type II Cement
2. Tot-lot surface to be xxxxxxx

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REVISIONS

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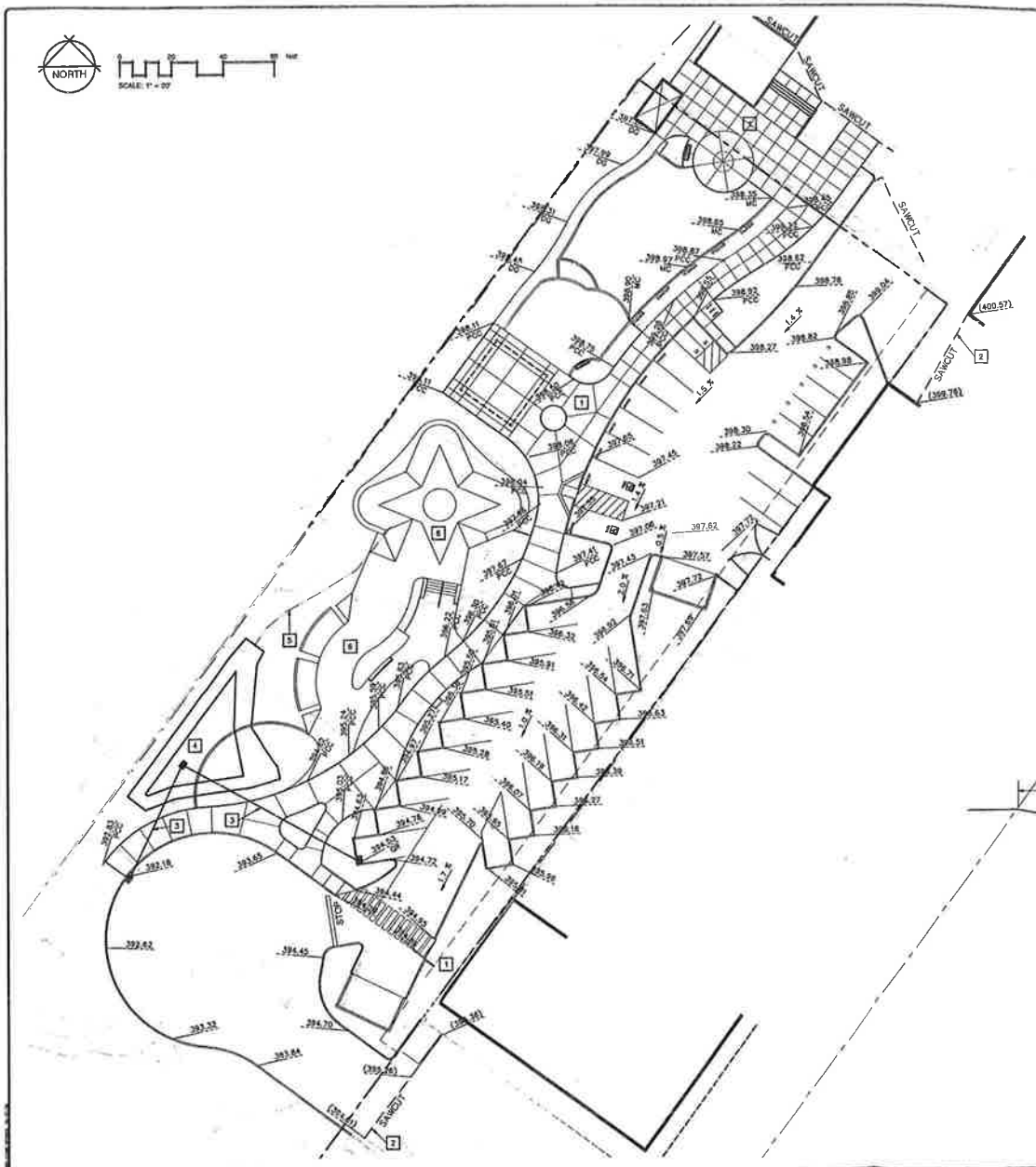
LAYOUT PLAN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	1"=20'
JOB NO	22-4480-10
DESIGNED	SAR
DRAWN	SAR
FILE	1448L001
CHECKED	SAR
DATE	7-20-10

SHEET No. L1 X of X



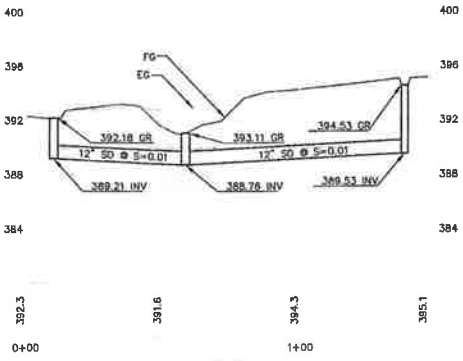
NOTE:
All elevations are finished A.C. grade unless noted otherwise.

ABBREVIATIONS

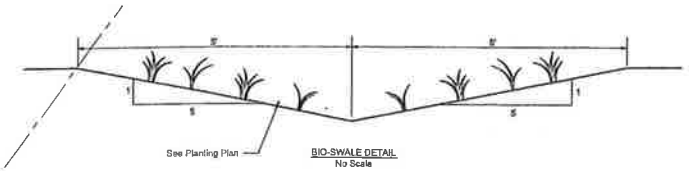
AC	Asphalt Concrete
DG	Decomposed Granite
MC	Mow Curb
PCC	Portland Cement Concrete

KEYED NOTES

1. See sheetG2 for detailed grading.
2. Conform proposed AC paving to existing AC paving at saw cut line.
3. Drainage system "A". See profile on this sheet.
4. Drainage retention basin. See detail on sheet C3.
5. Bio-swale. See detail on this sheet.
6. See Skate Element Plans for detailed grading.



DRAINAGE SYSTEM "A"
HOR 1:20
VERT 1:5



BIO-SWALE DETAIL
No Scale

REGISTERED PROFESSIONAL ENGINEER
CHARLES C RUTTER
No. 56896
Exp. 6/30/11
CIVIL
STATE OF CALIFORNIA

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3620 American River Drive, Suite 205
Sacramento, California 95864
(916) 487-4435 fax (916) 487-4436
Grass Valley Office
113 Crown Point Court
Grass Valley, California 95945
(530) 272-2448

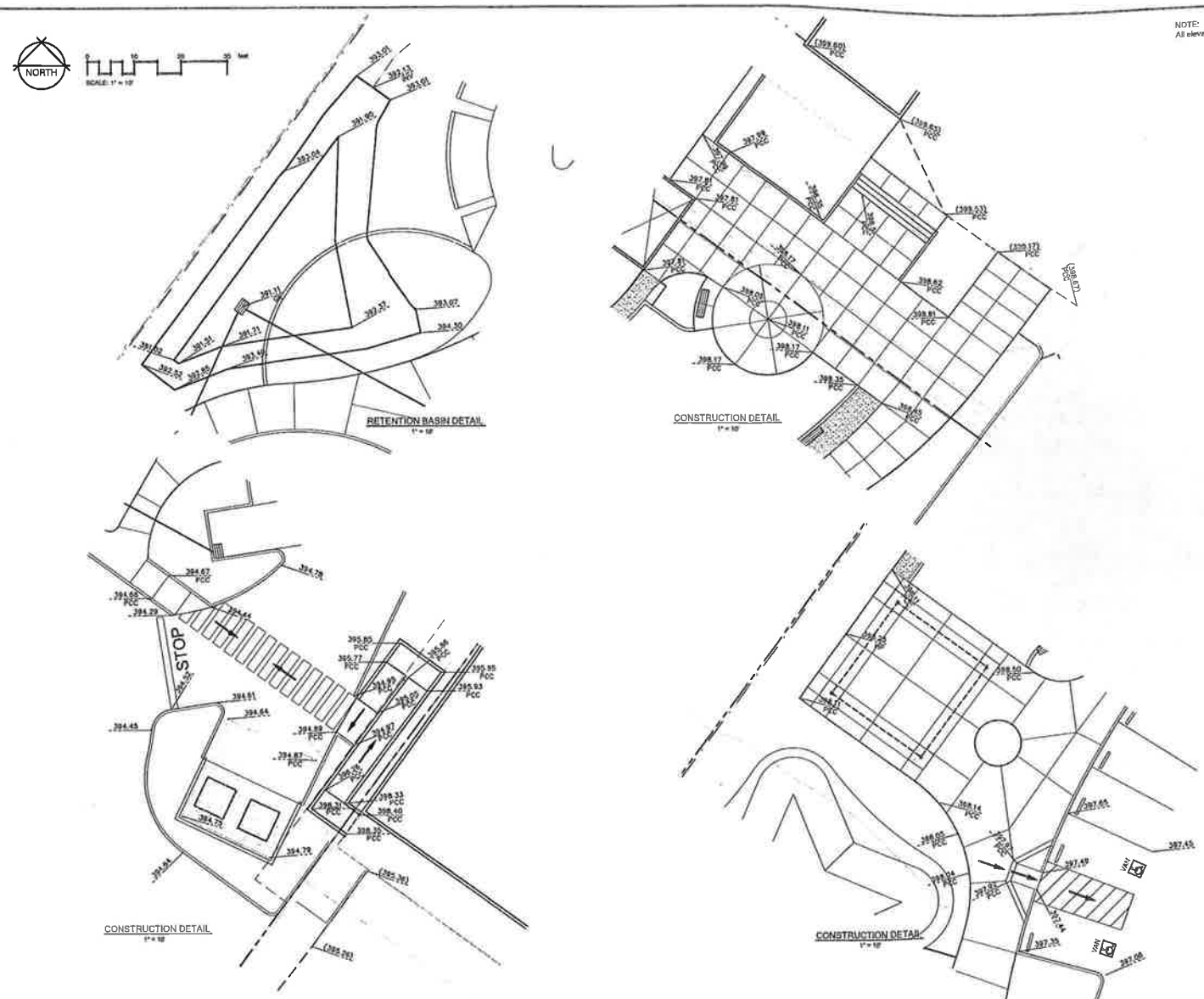
GRADING PLAN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	1"=20'
JOB NO	29-4480-10
DESIGNED	CR/SAR
DRAWN	CR
FILE	14440001
CHECKED	CR
DATE	5-25-10

SHEET NO.
G1
X of -

8

NOTE:
All elevations are finished A.C. grade unless noted otherwise.



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☐ RECORD

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DOCUMENTS REGION
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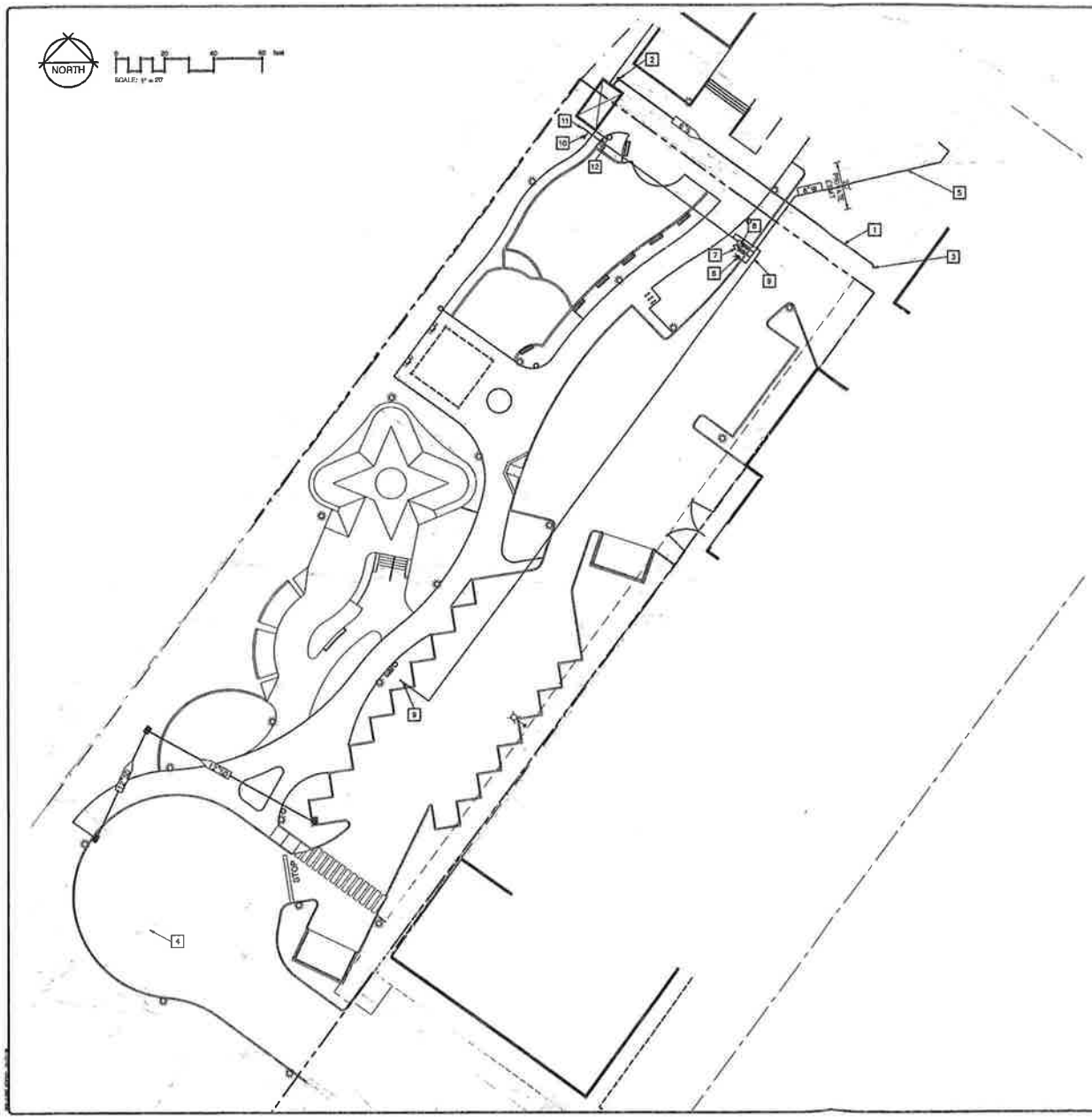
GRADING PLAN ENLARGEMENT DETAILS
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	1"=10'
JOB NO	25-4430-10
DESIGNED	DR
DRAWN	MGT
FILE	14440002
CHECKED	DR
DATE	7-30-10

SHEET No.
G2
X of -

REGISTERED PROFESSIONAL ENGINEER
CHARLES C. RUTTER
No. 56896
Exp. 6/30/11
CIVIL
STATE OF CALIFORNIA

9



LEGEND

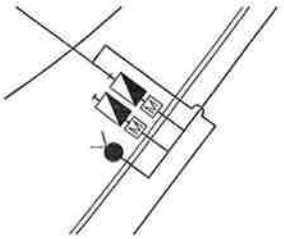
	Existing Storm Drain
	Existing Sanitary Sewer
	Existing Water
12"SD	Proposed Storm Drain
6"S	Proposed Sanitary Sewer
12"W	Proposed Water

ABBREVIATIONS

ESMT Easement

KEYED NOTES

1. Place 129 LF± of 6" sewer @ s = 0.01.
2. Place clean-out per SPMUD standard drawings.
3. Install service wye per SPMUD standard drawings.
4. Replace existing telephone vault with traffic rated vault. Adjust to grade.
5. Place 255 LF± of 6" water.
6. 6" blowoff valve.
7. 1" irrigation service with 1" meter and reduce pressure device.
8. ¾" water service with ¾" meter and reduce pressure device.
9. ¾" water line to drinking fountain
10. ¾" water line stub for restroom facility
11. ¾" water line stub for water play facility hookup
12. ¾" water line to drinking fountain



1" IRRIGATION SERVICE & ¾" WATER SERVICE
Scale: 1" = 5'

REGISTERED PROFESSIONAL ENGINEER
CHARLES C. RUTTER
No. 56896
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

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No.	DESCRIPTION	DATE	BY

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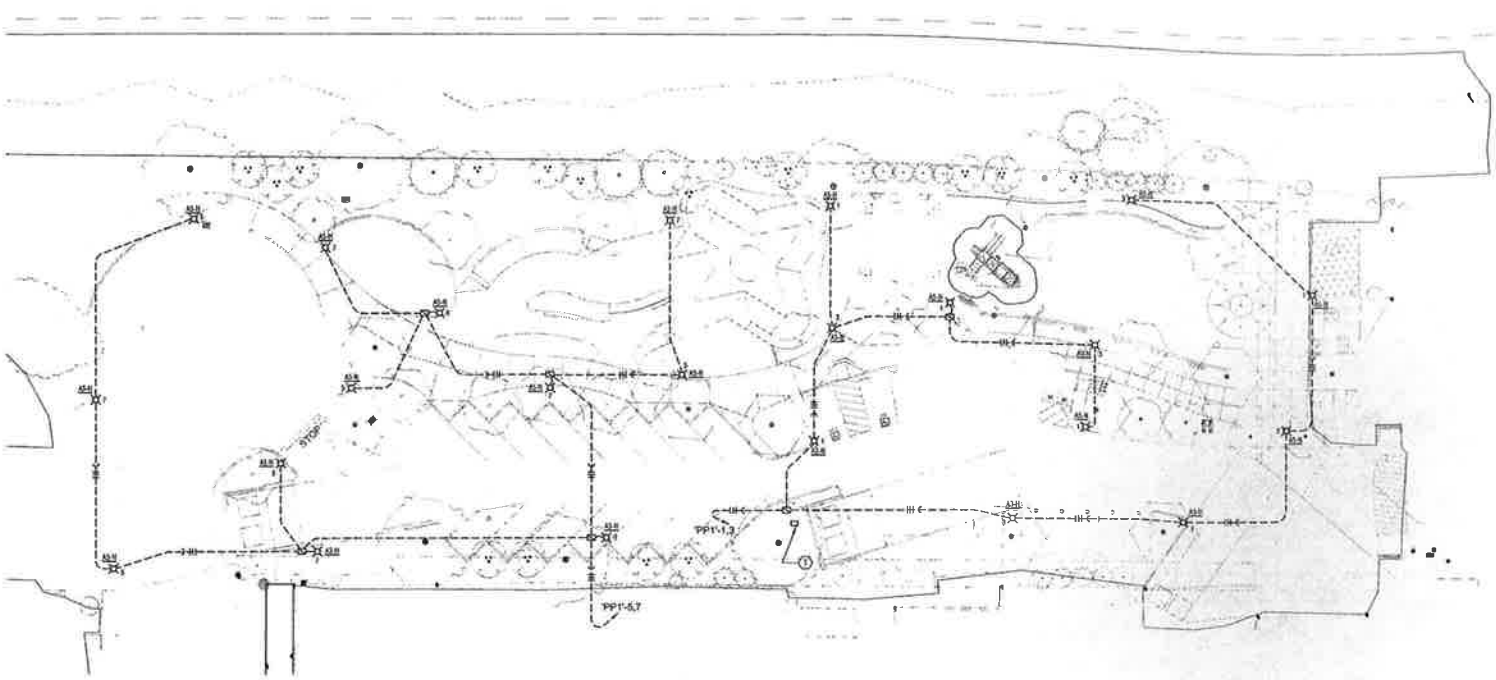
SACRAMENTO REGION
[illegible]
[illegible]

UTILITY PLAN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	1"=20'
JOB NO.	25-4490-10
DESIGNED	CR
DRAWN	CR
FILE	1444G001
CHECKED	CR
DATE	02-30-19

SHEET No.
U1
X of -

10



1 **OVERALL SITE PLAN - ELECTRICAL**
1"=20'-0"

NORTH

SHEET NOTES

1. UNLESS OTHERWISE NOTED ALL WIRING SHALL BE #10 AWG WITH A #10 'G'.

NUMBERED NOTES

(1) (N) POWER PEDESTAL 'PP1', 200A, 120/208 3Ø, 4W.

NOTE:
BEFORE DIGGING, CALL THE UNDERGROUND SERVICE ALERT: 1-800-642-2444.

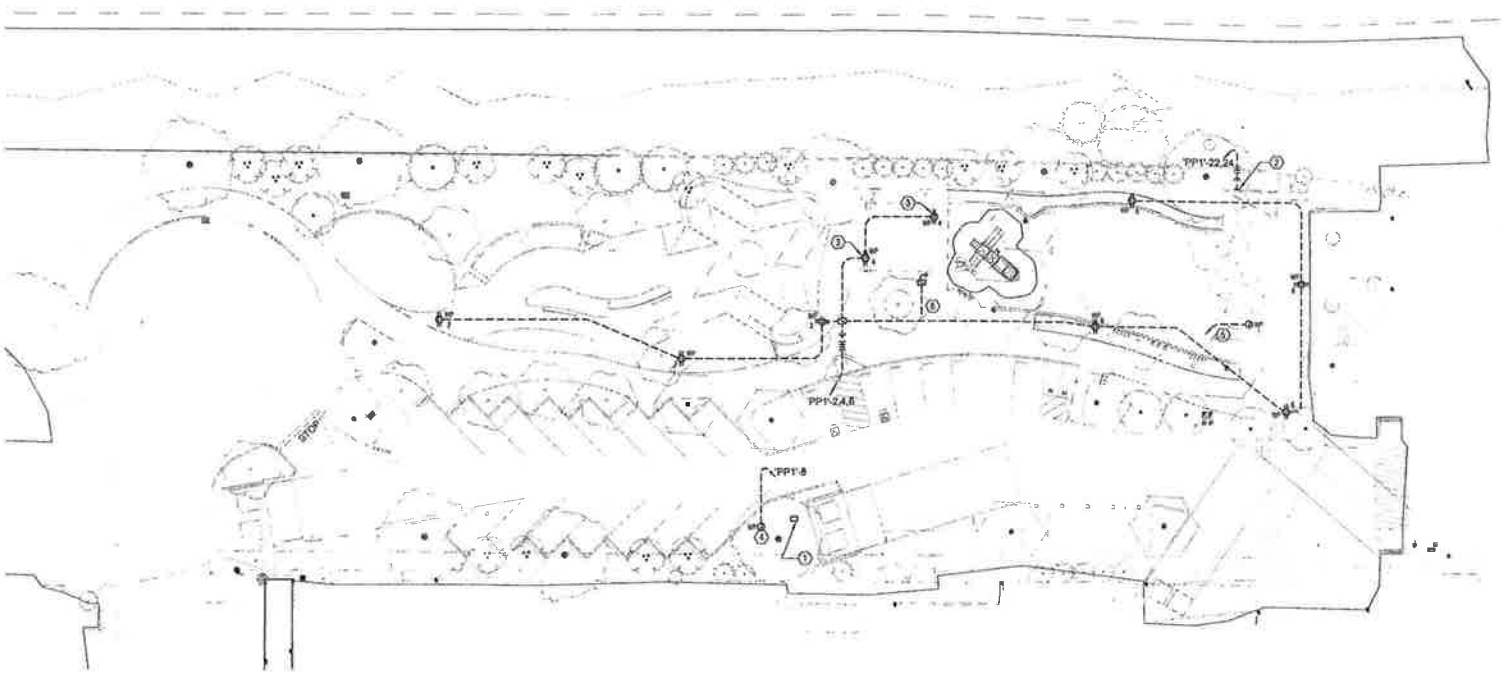
ECOM ENGINEERING INC.
1795 TRIBUTE ROAD, SUITE 100
SACRAMENTO, CA. 95815
916.641.5600
916.641.1540 FAX
WWW.ECOMENG.COM

TOWN OF LOOMIS
DOWNTOWN PARK PROJECT
65% DRAWINGS

REVISIONS

APPROVALS

ENGINEER: E015404
JOB NO. 2009-D287
DATE 06-13-2010
SHEET E-10
OF SHEETS



1 **OVERALL SITE PLAN - POWER**
1"=20'-0"

NORTH

SHEET NOTES

1. UNLESS OTHERWISE NOTED ALL WIRING SHALL BE #10 AWG WITH A #10 'G'.

NUMBERED NOTES

1. (N) POWER PEDESTAL 'PP1', 200A, 120/208 3Ø, 4W.
2. 100A, 120/208V 1PH 3W PANEL FURNISHED WITH PREFABRICATED RESTROOM BUILDING.
3. LOCATE RECEPTACLES AT SHADE STRUCTURE POST.
4. IRRIGATION CONTROLLER, 120V.
5. PROVIDE (N)2" MT CONDUIT FOR FUTURE WATER FEATURE CONNECTION TO 'PP1'.
6. PROVIDE (N)2" MT CONDUIT FOR FUTURE SHADE STRUCTURE LIGHTING CONNECTION TO 'PP1'.

NOTE:
BEFORE DIGGING, CALL THE UNDERGROUND SERVICE ALERT: 1-800-642-2444.

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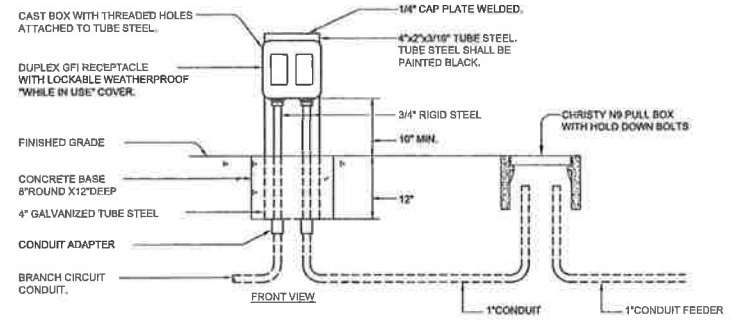
REVISIONS

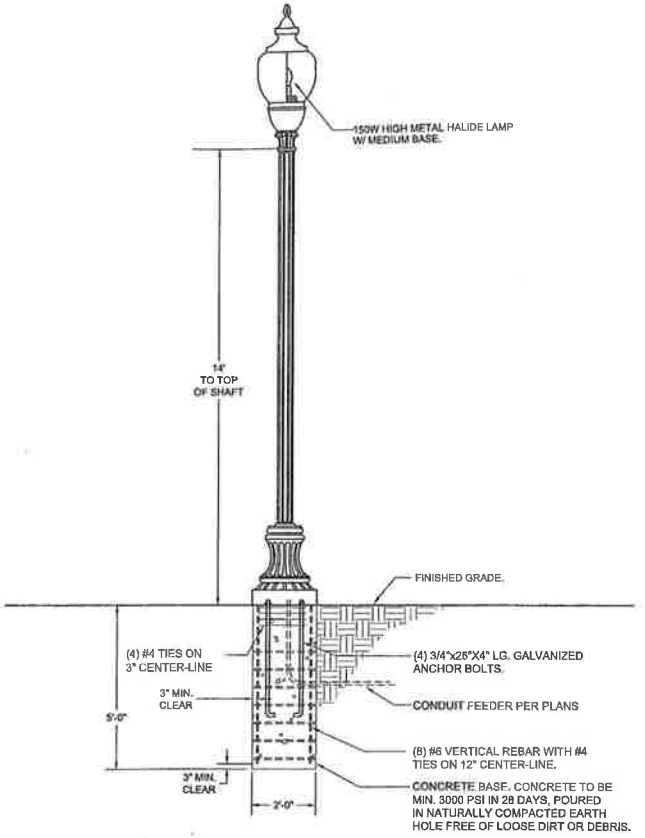
APPROVALS

ENGINEER: E015404
JOB NO. 2009-D287
DATE 06-13-2010
SHEET E-12
OF SHEETS



1 SEASONAL RECEPTACLE MOUNTING DETAIL

NO SCALE



2 POLE LIGHT DETAIL

SCALE: NONE

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1795 Tribute Road, Suite 100
Sacramento, CA, 95815
916.641.5600
916.641.1640 FAX
www.ecomeng.com

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ENGINEER: E015404

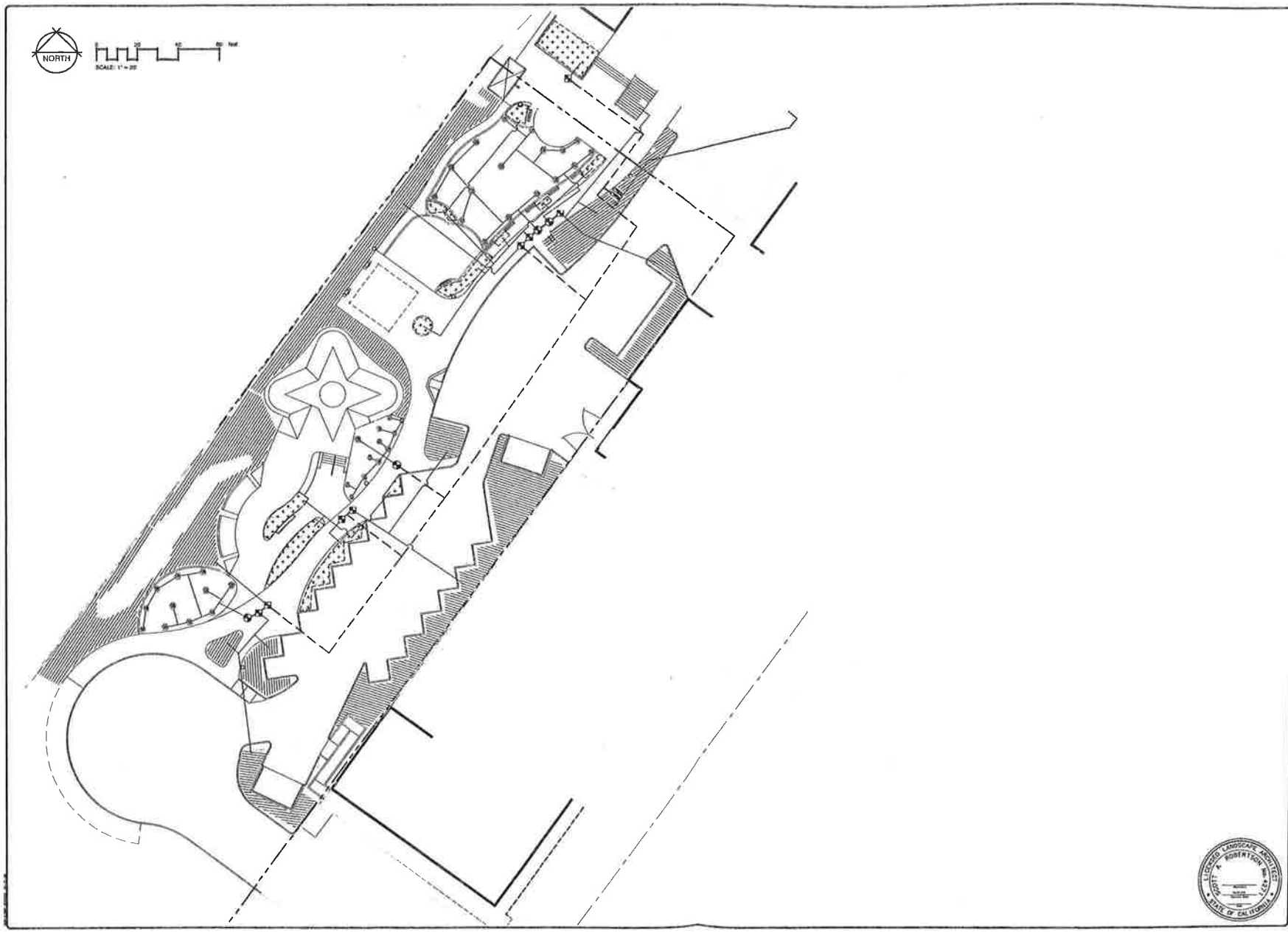
JOB NO. 2009-D287

DATE 06-13-2010

SHEET E-21

OF SHEETS

13



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☐ RECORD

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SACRAMENTO ROCKY
242 Fairway Dr. #200
Roseville, CA 95678
(916) 752-8888
WALNUT CREEK

IRRIGATION PLAN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

SCALE	1"=20'
JOB NO.	25-4489-10
DESIGNED	SAR
DRAWN	SAR
FILE	14MILDOWN
CHECKED	SAR
DATE	-

SHEET No.
LI1
X OF -

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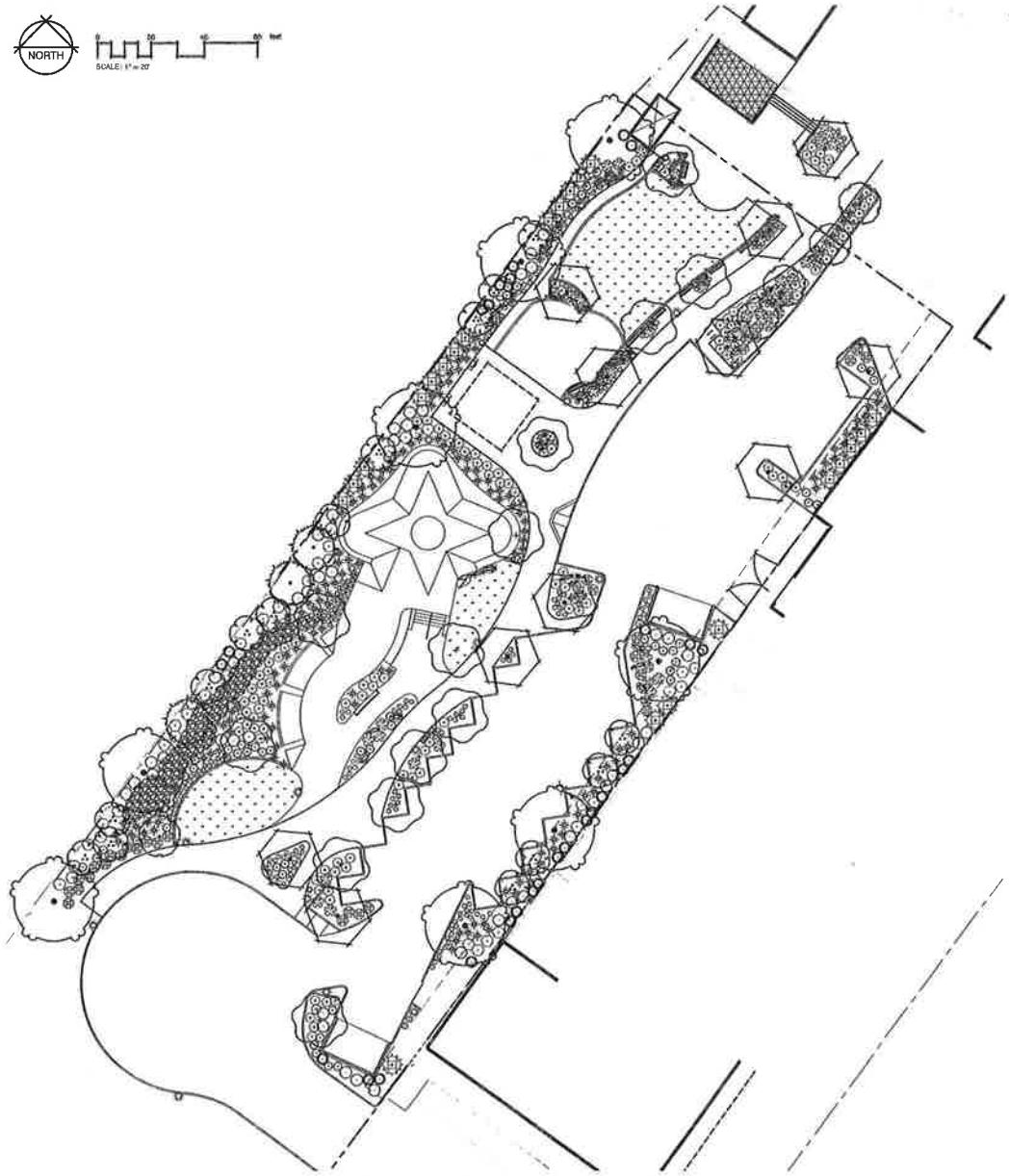
SCOTT A. ROBERTSON No. 4277
STATE OF CALIFORNIA

14



PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS
	11	Acer rubrum 'Redpoint'	Redpoint Maple	24"box	
	13	Cercis canadensis 'Oklahoma'	Oklahoma Redbud	24"box	
	15	Cercis occidentalis	Western Redbud Multi-trunk	24"box	
	3	Pinus eldarica	Afghan Pine	15 gal	
	5	Prunus cerasifera 'Mount St. Helen'	Mt. St. Helen Flowering Plum	24"box	Fruitless (or nearly so)
	8	Quercus ilex	Holly Oak	24"box	

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS
	34	Anigozanthos x 'Big Red'	Big Red Kangaroo Paw	5 gal	
	124	Arctostaphylos x 'Emerald Carpet'	Emerald Carpet Manzanita	5 gal	
	47	Berberis thunbergii 'Rose Glow'	Rosy Glow Barberry	5 gal	
	55	Dietes bicolor	Fortnight Lily	5 gal	
	224	Juncus patens 'Carman's Grey'	Spreading Rush	1 gal	
	27	Juniperus virginiana 'Skyrocket'	Skyrocket Juniper	15 gal	
	40	Leucophyllum frutescens 'Compacta'	Compact Texas Ranger	5 gal	
	176	Pennisetum rubrum	Red Fountain Grass	1 gal	
	43	Rosa x 'Flower Carpet Red'	Rose	2 gal	
	23	x Cupressocyparis leylandii 'Emerald Isle' TM	Emerald Isle Leyland Cypress	5 gal	

GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	REMARKS
	4,121 sf	UC Verde Buffalograss Hybrid Variety	UC Verde Buffalo Grass	Plugs	Use 72-tray plug (8" O.C Planting)

GENERAL PLANTING NOTES

1. THE PLANT QUANTITIES ARE PROVIDED FOR THE CONVENIENCE OF THE OWNER. THE CONTRACTOR SHALL VERIFY ALL PLANT COUNTS BETWEEN THE PLANT LIST AND THE PLANS. IF A DISCREPANCY EXISTS, THE PLANS SHALL GOVERN.
2. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF MATERIALS ARE NOT AVAILABLE AS SPECIFIED. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE TOWN ENGINEER OR RECORD LANDSCAPE ARCHITECT.
3. NO PLANTING SHALL BE STARTED UNTIL FINISH GRADING IS COMPLETE AND IRRIGATION HAS BEEN INSTALLED AND APPROVED BY CITY INSPECTOR.
4. PLANTING AREAS ARE NOT TO BE OVER COMPACTED AND TO BE FREE OF DELETERIOUS MATERIAL, INCLUDING ROADBED AGGREGATES. BACK FILL MIX SHALL CONSIST OF PULVERIZED NATIVE SOIL FREE OF ROOTS, STICKS, AND STONES LARGER THAN 1-INCH IN DIAMETER.
5. EXCAVATED PITS SHALL HAVE POSITIVE DRAINAGE WITHIN 2-HOURS WHEN FULLY FLOODED WITH WATER. CONTRACTOR SHALL CORRECT DEFICIENT DRAINAGE UTILIZING DRILLED DRAIN HOLES FILLED WITH 3/4" DRAIN ROCK. DEPTH OF DRAIN HOLES AS NEEDED.
6. AFTER PLANTING IS COMPLETE, SPREAD BARK MULCH TO A MINIMUM DEPTH OF 3-INCHES. BARK MULCH SHALL BE AGED NITROGEN FORTIFIED REDWOOD, CEDAR, OR FIR WOODS CHIPS AND BARK, THREE-INCH (3") MINUS IN SIZE AND DARK IN COLOR AND SHALL CONTAIN A MINIMUM OF ONE PERCENT (1%) AVAILABLE NITROGEN. CONTRACTOR SHALL SUBMIT A SAMPLE OF THE BARK MULCH TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO DELIVERY OF BARK TO SITE.

LICENSED LANDSCAPE ARCHITECT — SCOTT A. ROBERTSON No. — STATE OF CALIFORNIA

REVISIONS

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PLANTING PLAN
Park Improvement Plans
DOWNTOWN PARK
Town of Loomis, California

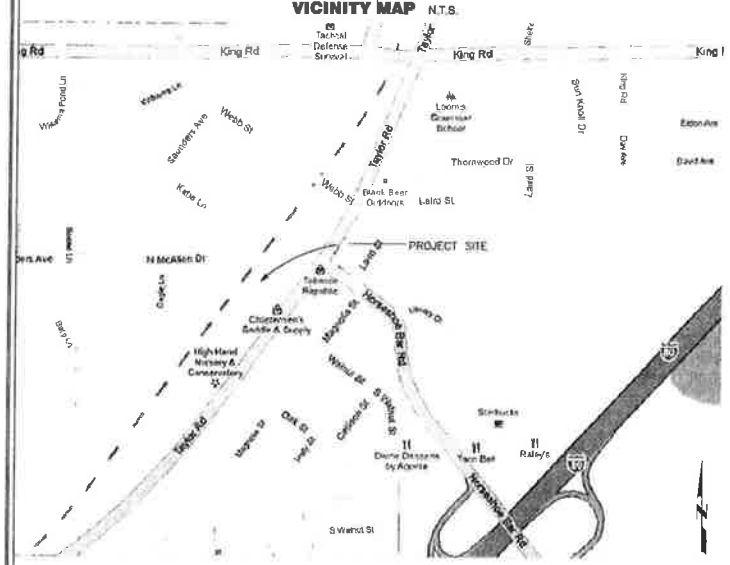
SCALE	1"=20'
JOB NO.	20-4493-10
DESIGNED	SAR
DRAWN	SAR
FILE	L4493L001
CHECKED	SAR
DATE	-

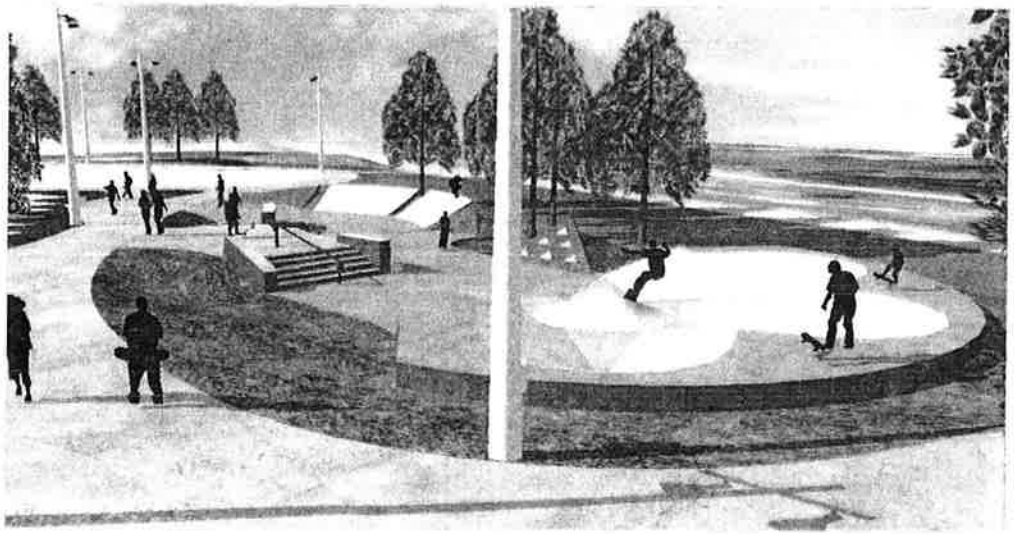
SHEET No. LP1 / X or -

LOOMIS SKATE PLAZA

Loomis, California

VICINITY MAP N.T.S.





DIGALERT

800-227-2600

Call 2 Full Working Days in Advance

PROJECT DIRECTORY

LANDSCAPE ARCHITECT
OMNI-MEANS, LTD.
943 RESERVE DRIVE, STE 100
ROSEVILLE, CA 95678
PHONE: 916-782-8688
FAX: 916-782-8689
WEB: WWW.OMNIMEANS.COM

SKATE PARK DESIGNER
WORMHOUDT, INC.
849 ALMAR AVE SUITE 280
SANTA CRUZ, CA 95060
PHONE: 831.426.8424
FAX: 831.426.8411

SHEET INDEX

SK-0	COVER
SK-1.0	BOUNDARY PLAN
SK-2.0	SKATE PARK LAYOUT PLAN
SK-3.0	GRADING AND DRAINAGE PLAN
SK-3.1	HARDSCAPE PLAN
SK-4.0	CONSTRUCTION PLAN
SK-5.0	SAWCUT PLAN
SK-6.0	DETAILS
SK-6.1	DETAILS

ABBREVIATIONS

(E)	EXISTING
(N)	NEW
@	AT
CONC	CONCRETE
℄	CENTER LINE
DIA.	DIAMETER
DD	DECK DRAIN
GALV.	GALVANIZED
L.F.	LINEAR FEET
I.D.	INSIDE DIAMETER
MAX.	MAXIMUM
MIN.	MINIMUM
N.I.C.	NOT IN CONTRACT
R	RADIUS
REBAR	STEEL REINFORCING
TC	TOP OF CURB
TP	TANGENT POINT
TD	TOP OF DRAIN
FS	FINISH SURFACE
TYP.	TYPICAL
W/	WITH
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
VERT.	VERTICAL
BOT	BOTTOM
ALT.	ALTERNATE
CONT.	CONTINUOUS
THK.	THICK
INV	INVERT ELEVATION
CJ	COLD JOINT
TF	TOP OF FENCE
TW	TOP OF WALL
FG	FINISH GRADE
HP	HIGH POINT
LP	LOW POINT

DETAIL NUMBER

SHEET NUMBER

GENERAL NOTES

1. ALL SKATE PARK STRUCTURE CONCRETE SHALL BE MINIMUM 4000 PSI, REINFORCED WITH #4 REINFORCING BARS @ 12" O.C., BOTH DIRECTIONS.

2. ALL EDGES AND CORNERS OF CONCRETE FEATURES SHALL HAVE 1/2" RADII, UNLESS NOTED OTHERWISE.

3. CONTRACTOR SHALL VERIFY AND COORDINATE FINISH GRADES WITH RELATED SITE IMPROVEMENTS. CONTRACTOR SHALL IMMEDIATELY REPORT ANY CONFLICTS OR DISCREPANCIES TO THE OWNERS REPRESENTATIVE.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY RAIN WATER OR DEBRIS FROM THE PROJECT SITE, AS NEEDED, DURING CONSTRUCTION AND PRIOR TO PLACING ANY CONCRETE.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING GROUND ELEVATIONS, PIPE INVERTS, AND OVERALL TOPOGRAPHY OF THE SITE, AS WELL AS, ALL SITE DIMENSIONS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNERS REPRESENTATIVE IN WRITING OF ANY DIFFERENCES IN TOPOGRAPHY OR SITE DIMENSION THAT DIFFER FROM THOSE SHOWN ON THE PLANS.

6. THE CONTRACTOR SHALL ESTIMATE EARTHWORK QUANTITIES PRIOR TO START OF CONSTRUCTION. ALL SOIL MATERIAL SHOULD BE KEPT ON SITE AND EXCESS SHOULD BE PLACED AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION FOR THIS WORK.

7. WRITTEN DIMENSIONS ARE TO TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY THE OWNERS REPRESENTATIVE OF ANY DISCREPANCIES FOUND IN THE FIELD.

8. ALL SKATE PLAZA CONCRETE SHALL HAVE A SMOOTH HARD TROWEL FINISH UNLESS NOTED OTHERWISE.

9. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE FOR ANY CHANGES TO THE PROJECT LAYOUT OR DESIGN. ANY CHANGES OR DEVIATIONS WITHOUT WRITTEN APPROVAL OF THE OWNERS REPRESENTATIVE SHALL ABSOLVE THE CITY OF ANY AND ALL RESPONSIBILITY OF SAID CHANGE OR DEVIATION.

10. ALL REINFORCING BARS SHALL HAVE A 24" OVERLAP; TYP. SEE SPECIFICATIONS.

11. CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY AND CONSTRUCTION STAKING.

Wormhoudt INC

Wormhoudt INC
849 Almar Avenue, Suite 280, Santa Cruz, California 95060
(831) 426-8424 (831) 426-8411

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LOOMIS SKATE PLAZA

LOOMIS, CALIFORNIA

COVER

WARNING: IF THE BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

Designed By	Drawn By
Wormhoudt, Inc.	ZAW
Drawn By	
CKW	
Plot File	
Loomis CD 2010 08 12.dwg	
Date	
AUGUST 13, 2010	
Sheet Number	
SK-0	

65% PLAN SET: NOT FOR CONSTRUCTION

Wormhoudt INC
6180 Sierra College Blvd. Rocklin, CA 95677
adam@wormhoudtinc.com www.wormhoudtinc.com
LIC# 1-426,844 / DIR# 1-426,844 / ALA# 333

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LOOMIS SKATE PLAZA

LOOMIS, CALIFORNIA

BOUNDARY PLAN

WARNING

NO.	REVISION	DATE

Design By: Wormhoudt, Inc.
Checked By: ZAW
Drawn By: CKW
CAD File: Loomis CO 20100812.dwg
Date: AUGUST 13, 2010
Sheet Number: SK-1.0

65% PLAN SET: NOT FOR CONSTRUCTION