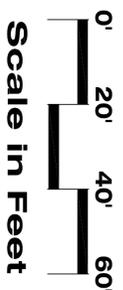
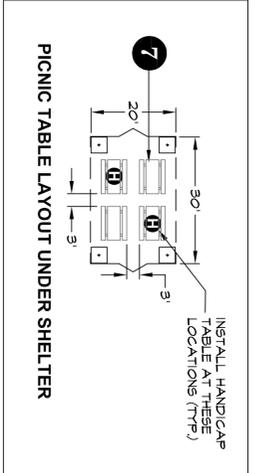


AMENITIES LEGEND

- 1 - EXISTING CONCRETE PAD AND PORTA POTTI SHELTER
(2) 12' X 14' CONCRETE PICNIC TABLE PADS WITH 8' ADA ACCESSIBLE TABLES (MABASH MODEL # 5916 WITH GRANBERRY TABLE TOP AND BENCH, BLACK FRAME) - ANCHOR TO PAD PER DETAIL (1), SHT. (6)
- 2 - HANDICAP PARKING SIGN (2 TOTAL) - SEE SHT. (9) FOR DETAIL
- 3 - CONCRETE CURB STOPS (10 TOTAL) - SEE SHT. (9) FOR DETAIL
- 4 - CONCRETE SIDEWALK - SEE SHT. (9) FOR DETAIL
- 5 - DRAINAGE SCOURER LOCATION - SEE SHT. (9) FOR DETAIL
- 6 - TOTAL 8' PICNIC TABLES UNDER SHELTER
- 7 - MABASH MODEL # 5910 WITH GRANBERRY TABLE TOP AND BENCH BLACK FRAME
- 8 - MABASH MODEL # 5915 ADA TABLE WITH GRANBERRY TABLE TOP AND BENCH BLACK FRAME
- 9 - ANCHOR TABLES TO PAD PER DETAIL (1), SHT. (6)
- 10 - EXISTING CHAINLINK FENCE TO REMAIN
- 11 - PASTURE/FIELD AREA TO REMAIN UNDISTURBED
- 12 - NEW STANDARD PARKING STALLS
- 13 - TRASH RECEIPTACLES - MABASH VALLEY #LR300D RECEIPTACLE WITH #LR300 LINER (OR APPROVED EQUAL). COLOR BY PROJECT CONSTRUCTION (FOR APPROVED EQUAL) - PROJECT CONSTRUCTION MANAGER - SEE SHT. 7 FOR DETAIL
- 14 - CITY TO PRUNE EXISTING COTTONWOOD TREES (NOT IN CONTRACT)
- 15 - PEDESTRIAN CROSSING SIGN (2 TOTAL) - SEE SHT. (9) FOR DETAIL

NOTES:

- 1. STRUCTURAL CALCULATIONS - CONTRACTOR SHALL SUBMIT FORM AND SIGNATURES FOR STRUCTURAL CALCULATIONS AND SHOP DRAWINGS STRIPPED BY A NEVADA LICENSED ENGINEER FOR THE PICNIC SHELTER.
- 2. MILLION REMOVAL - THESE ARE 3 EXISTING MILLION TREES GROWING IN THE EXISTING CHAINLINK FENCE WHICH IS TO BE REMOVED. CONTRACTOR SHALL REMOVE ALL 3 TREES INCLUDING THE STUMPS.
- 3. STRIPING - PAINT/STRIPER NEW PARKING STALLS AND CROSSWALK PER CARSON CITY STANDARD SPECIFICATIONS.
- 4. CONTRACTOR AND CARSON CITY PROJECT CONSTRUCTION MANAGER TO DISCUSS KEEPING EXISTING GRADES BEFORE AREA IS CLEARED & GRADED AND SOIL FILL IS BROUGHT IN TO REGRADE AREA.



Reference Plan CARSON RIVER PARK PH. 2A Carson City Parks & Recreation Dept.

No.	Revision	Date

LA No.	261-004-02-11
Designer	LA
Drawn	LA
Checked	RYH
CAD File	261-004-02-2
Date	8/31/11

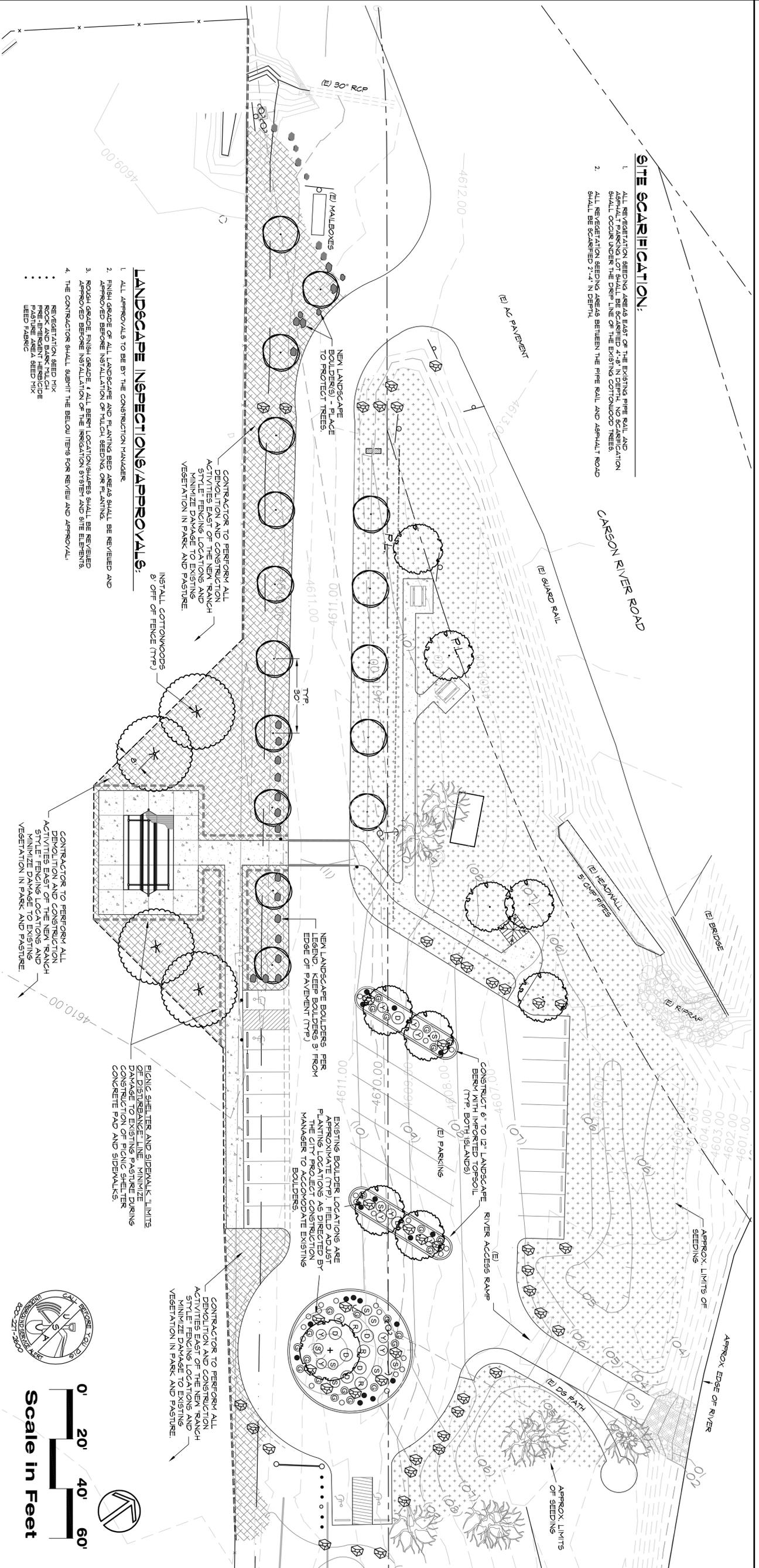
Sheet	2
of	9

LA Studio
landscape architecture design & education

2400 Skyline Blvd
Reno, NV 89509
(775) 322-8674
NV RLA #440

SITE SCARIFICATION:

1. ALL REVEGETATION SEEDING AREAS EAST OF THE EXISTING PIPE RAIL AND ASPHALT PARKING LOT SHALL BE SCARIFIED 4" @ 1" IN DEPTH. NO SCARIFICATION SHALL OCCUR UNDER THE DRIP LINE OF THE EXISTING COTTONWOOD TREES.
2. ALL REVEGETATION SEEDING AREAS BETWEEN THE PIPE RAIL AND ASPHALT ROAD SHALL BE SCARIFIED 2" @ 1" IN DEPTH.



LANDSCAPE INSPECTIONS/APPROVALS:

1. ALL APPROVALS TO BE BY THE CONSTRUCTION MANAGER
2. FINISH GRADE OF ALL LANDSCAPE AND PLANTING BED AREAS SHALL BE REVIEWED AND APPROVED BEFORE INSTALLATION OF MULCH SEEDING OR PLANTING.
3. ROUGH GRADE, FINISH GRADE, & ALL BERRY LOCATIONS/SQUARES SHALL BE REVIEWED APPROVED BEFORE INSTALLATION OF THE IRRIGATION SYSTEM AND SITE ELEVATIONS.
4. THE CONTRACTOR SHALL SUBMIT THE BELOW ITEMS FOR REVIEW AND APPROVAL.
 - REVEGETATION SEED MIX
 - ROCK AND BARK MULCH
 - PRE-EMERGENT HERBICIDE
 - PASTURE AREA SEED MIX
 - SEED MIXING

LANDSCAPE LEGEND

SYM.	QNT.	BOTANICAL NAME/COMMON NAME	MIN. SIZE
DECIDUOUS TREES			
●	16	Malus 'Spring Snow' / Whiteas Crapapple	2' Cal.
○	4	Populus fremontii / Fremont's Cottonwood	2' Cal.
○	1	*Quercus macrocarpa / Burr Oak	3' Cal.
○	4	Robinia pseudacacia / Black Locust	2' Cal.
SHRUBS			
●	16	Achillea x Monophylla / Monophylla Yarrow	1 Gal.
○	7	Cornus sericea / Heartleaf / Smooth Dogwood	5 Gal.
○	23	Gallardia grandiflora / Scarlet Flower	1 Gal.
○	23	Panicum virgatum / Switch Grass	1 Gal.
○	3	Rosa woodii / Wood's Rose	5 Gal.
○	4	Symphoricarpos alba / Snowberry	5 Gal.
○	11	Symphoricarpos alba / Snowberry	5 Gal.

* Specimen trees to be approved by City Project Construction Manager)

REVEGETATION SEEDING LEGEND

BOTANICAL NAME	COMMON NAME	PLS LBS/ACRE
Achillea millefolium	Western Yarrow	0.05
Achyras heterophyllus	Indian Ricegrass	2.00
Carex nebroscensis	Nebraska sedge	0.50
Dactylis spicata	Inland tallgrass	0.50
Elymus trisetosus	Strepshank wheatgrass, "sodder"	2.00
Elymus trisetosus	Bottle Brush	0.05
Lepidus bicoloris	Boabab	3.00
Lepidus bicoloris	Creeping wildrye	2.00
Lilium lewisii	Lewis Flax	1.00
Lilium lewisii	Silverleaf lupine	3.00
Pascopyrum smithii	Western wheatgrass	3.00
Poa secunda	Sandberg bluegrass	0.50
TOTAL:		17.60

PASTURE SEEDING LEGEND

BOTANICAL NAME	COMMON NAME	PLS LBS/ACRE
Festuca arundinacea	Tall fescue	7.50
Dactylis glomerata	Orchard grass	3.50
Bromus inermis	Smooth brome	11.00
Lolium perenne	Perennial ryegrass	5.00
Lolium perenne spp. multivarium	Annual ryegrass	2.00
TOTAL:		29.00



Planting Plan CARSON RIVER PARK PH. 2A Carson City Parks & Recreation Dept.

LA Studio
landscape architecture design & education

2400 Skyline Blvd
Reno, NV 89509
(775) 322-8674
NV RLA #440

No.	Revision	Date

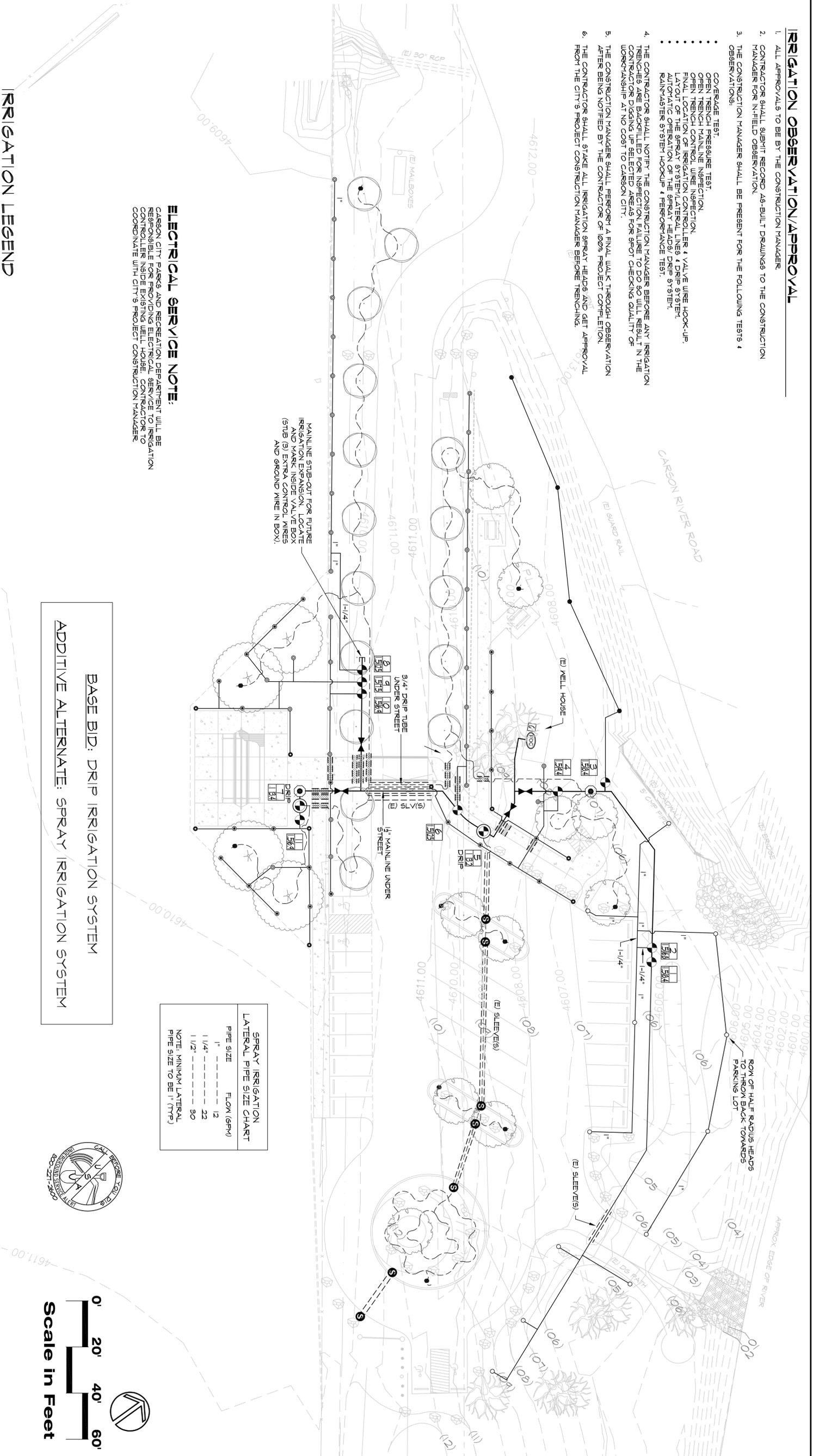
LA No: 261-004-02-11
Designed: LA
Drawn: LA
Checked: RPH
CAD File: 261-004-LS-2
Date: 6/30/11

Sheet **3** of 9

IRRIGATION OBSERVATION/APPROVAL

1. ALL APPROVALS TO BE BY THE CONSTRUCTION MANAGER
2. CONTRACTOR SHALL SUBMIT RECORD AS-BUILT DRAWINGS TO THE CONSTRUCTION MANAGER FOR IN-FIELD OBSERVATION.
3. THE CONSTRUCTION MANAGER SHALL BE PRESENT FOR THE FOLLOWING TESTS & OBSERVATIONS:
 - COVERAGE TEST
 - OPEN TRENCH PRESSURE TEST
 - OPEN TRENCH MAINLINE INSPECTION
 - OPEN TRENCH CONTROL WIRE INSPECTION
 - FINAL LOCATION OF IRRIGATION CONTROLLER & VALVE WIRE HOOK-UP.
 - LAYOUT OF THE SPRAY SYSTEM/LATERAL LINES & DRIP SYSTEM.
 - AUTOMATIC OPERATION OF THE SPRAY HEADS/ DRIP SYSTEM.
 - RAINMASTER SYSTEM HOOKUP & PERFORMANCE TEST.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER BEFORE ANY IRRIGATION TRENCHES ARE SHAKEL UP FOR INSPECTION. FAILURE TO DO SO WILL RESULT IN THE CONTRACTOR DIGGING UP SELECTED AREAS FOR SPOT CHECKING QUALITY OF WORKMANSHIP AT NO COST TO CARSON CITY.
5. THE CONSTRUCTION MANAGER SHALL PERFORM A FINAL WALK THROUGH OBSERVATION AFTER BEING NOTIFIED BY THE CONTRACTOR OF 100% PROJECT COMPLETION.
6. THE CONTRACTOR SHALL STAKE ALL IRRIGATION SPRAY HEADS AND GET APPROVAL FROM THE CITY'S PROJECT CONSTRUCTION MANAGER BEFORE TRENCHING.

ELECTRICAL SERVICE NOTE:
 CARSON CITY PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR PROVIDING ELECTRICAL SERVICE TO IRRIGATION CONTROLLER AND RAINMASTER. THE CONTRACTOR SHALL COORDINATE WITH CITY'S PROJECT CONSTRUCTION MANAGER



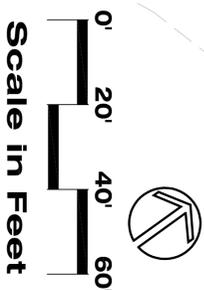
IRRIGATION LEGEND

- **BASE BID: IRRIGATION CONTROLLER: RAINMASTER (6 STATION)**
- **ADDITIVE ALTERNATE BID: IRRIGATION CONTROLLER: RAIN MASTER (12 STATION) EX2 SATELLITE ASSEMBLY WITH PROMAX PWR-CAC CONTROLLER**
- **MALL MOUNT INSIDE EXISTING MELL HOUSE. VERIFY EXACT LOCATION AND POWER SOURCE WITH CONSTRUCTION MANAGER PRIOR TO STARTING CONSTRUCTION.**
- **POINT OF CONNECTION:**
 - WATER SOURCE - WELL PUMP SYSTEM (BY CARSON CITY) WITH CITY'S PROJECT CONSTRUCTION MANAGER PRIOR TO START OF CONSTRUCTION.
- **BRASS GATE VALVE (GRINWELL OR OAE) FOR MAINLINE ISOLATION. SAVE SIZE AS MAINLINE.**
- **1/2" SPRAY VALVE: RAIN BIRD PESA SCRUBBER VALVE (WITH PESA-D MODULE IF NEEDED DUE TO HIGH PRESSURE). SIZE PER PLAN.**
- **END OF EXISTING IRRIGATION SLEEVE/MARKED WITH 2X4 WOOD STAKE.**

BASE BID: DRIP IRRIGATION SYSTEM
ADDITIVE ALTERNATE: SPRAY IRRIGATION SYSTEM

SPRAY IRRIGATION LATERAL PIPE SIZE CHART	
PIPE SIZE	FLOW (GPM)
1"	12
1 1/4"	22
1 1/2"	30

NOTE: MINIMUM LATERAL PIPE SIZE TO BE 1" (TYP)

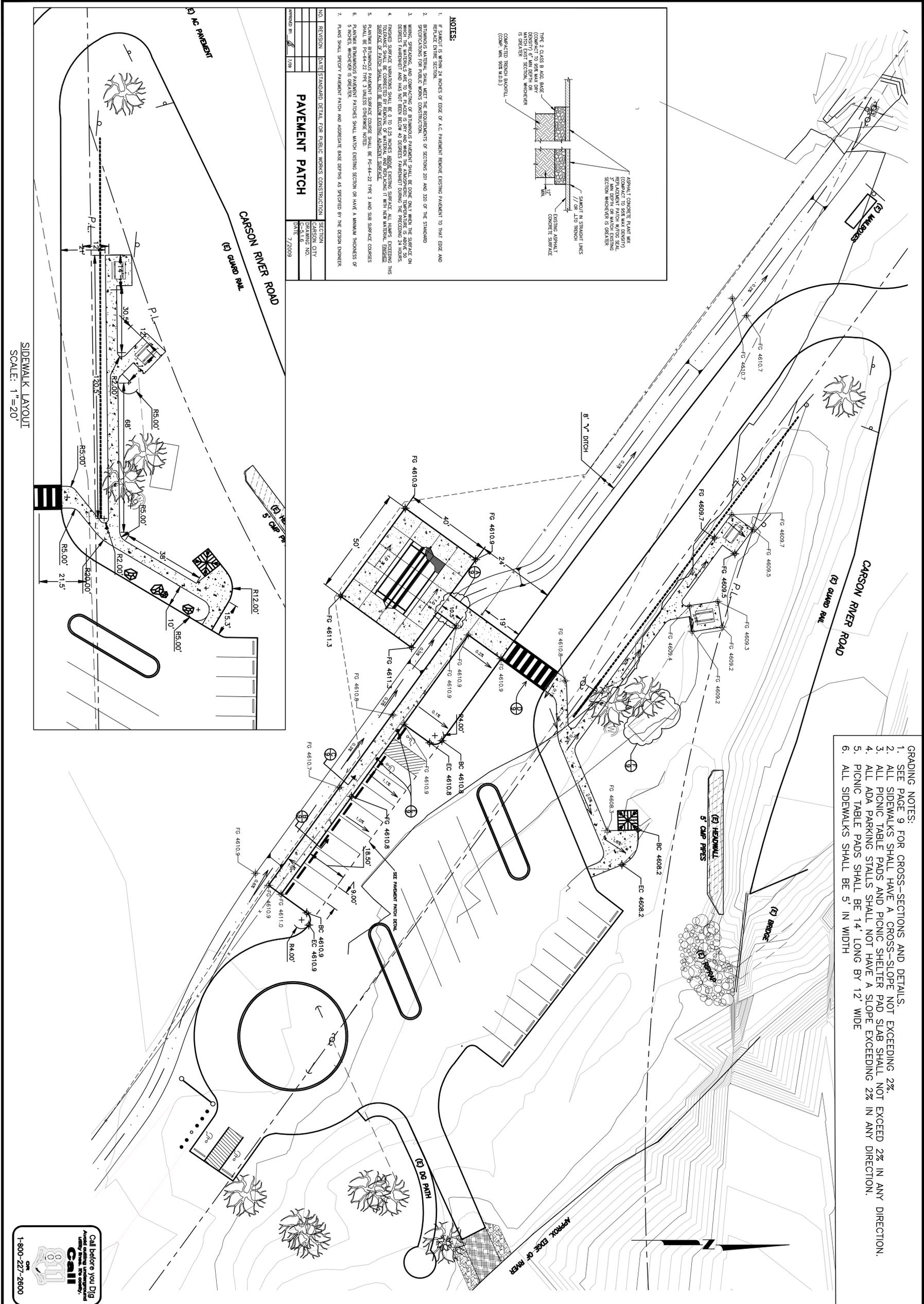


EMITTER SCHEDULE

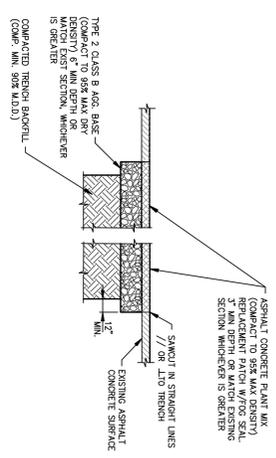
- DECIDUOUS TREES: (4) RAIN BIRD VERULUS 2 GPH EMITTERS
- 1" SCHED. 40 PVC MAINLINE
- FERRULES: (1) RAIN BIRD XER-BUS 0.5 GPH EMITTERS
- (2) RAIN BIRD XER-BUS 0.5 GPH EMITTERS
- LANDSCAPE CONTRACTOR SHALL MONITOR PLANT HEALTH AND ADJUST NUMBER OF EMITTERS AS NEEDED TO MAINTAIN ADEQUATE MOISTURE CONDITIONS DURING ESTABLISHMENT.

SPRINKLER HEADS

- CONTRACTOR SHALL SELECT SPECIFIC ARC & NOZZLE AS REQUIRED FOR OPTIMUM SPRAY COVERAGE.
- SPRINKLER HEAD DESCRIPTION:
 - Hunter 1-20-12 (12" Pop-Up) Full Radius Nozzle #2.5 - 33' Rad. @ 35 PSI (2.1 GPM)
 - Hunter 1-20-12 (12" Pop-Up) Half Radius Nozzle #2.5 - 33' Rad. @ 35 PSI (2.1 GPM)
 - Hunter 1-20-12 (12" Pop-Up) Nozzle #2.0SR (Short Radius) - 17' Rad. @ 40 PSI (1.5 GPM)
 - Hunter 1-20-12 (12" Pop-Up) Nozzle #1.0SR (Short Radius) - 17' Rad. @ 40 PSI (0.64 GPM)
 - Hunter 1-20-12 (12" Pop-Up) Nozzle #3.0SR (Short Radius) - 17' Rad. @ 40 PSI (0.24 GPM)



- NOTES:**
1. IF SAWCUT IS WITHIN 24 INCHES OF EDGE OF AC PAVEMENT REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
 2. BITUMINOUS MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 201 AND 220 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 3. MARK, SPECIFY, AND COMPACT OR BITUMINOUS PAVEMENT SHALL BE DONE ONLY WHEN THE SURFACE ON WHICH IT IS TO BE APPLIED IS DRY AND FREE OF FRESH PAVEMENT. THE SURFACE SHALL BE FREE OF ALL OILS, GREASE, AND OTHER CONTAMINANTS. THE SURFACE SHALL BE FREE OF ALL OILS, GREASE, AND OTHER CONTAMINANTS. THE SURFACE SHALL BE FREE OF ALL OILS, GREASE, AND OTHER CONTAMINANTS.
 4. FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES ABOVE EXISTING SURFACE. ALL HIGHS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL. FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES ABOVE EXISTING SURFACE. ALL HIGHS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL. FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES ABOVE EXISTING SURFACE. ALL HIGHS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL.
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 6. FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES ABOVE EXISTING SURFACE. ALL HIGHS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL. FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES ABOVE EXISTING SURFACE. ALL HIGHS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL.
 7. PLANS SHALL SPECIFY PAVEMENT PATCH AND ADEQUATE BASE GRIPS AS SPECIFIED BY THE DESIGN ENGINEER.



NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1				CARSON CITY
2				CARSON CITY
3				CARSON CITY
4				CARSON CITY
5				CARSON CITY
6				CARSON CITY
7				CARSON CITY
8				CARSON CITY
9				CARSON CITY
10				CARSON CITY

PAVEMENT PATCH

DRAWING NO. C-5116
DATE 7/2009

- GRADING NOTES:**
1. SEE PAGE 9 FOR CROSS-SECTIONS AND DETAILS.
 2. ALL SIDEWALKS SHALL HAVE A CROSS-SLOPE NOT EXCEEDING 2%.
 3. ALL PICNIC TABLE PADS AND PICNIC SHELTER PAD SLAB SHALL NOT EXCEED 2% IN ANY DIRECTION.
 4. ALL ADA PARKING STALLS SHALL NOT HAVE A SLOPE EXCEEDING 2% IN ANY DIRECTION.
 5. PICNIC TABLE PADS SHALL BE 14' LONG BY 12' WIDE
 6. ALL SIDEWALKS SHALL BE 5' IN WIDTH

SIDEWALK LAYOUT
SCALE: 1"=20'



CARSON RIVER PARK PHASE 2A
PROJECT No. 1.0715
5013 CARSON RIVER ROAD
GRADING PLAN

REV.	DATE	DESCRIPTION	BY	APP'D

CARSON CITY PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

DESIGNED BY: DA
DRAWN BY: DA
CHECKED BY: TG/VK
DWG NO.: carson river project.dwg
SCALE (HORIZ): 1" = 20'
SCALE (VERT): n/g
PLOT DATE: 8/31/11

