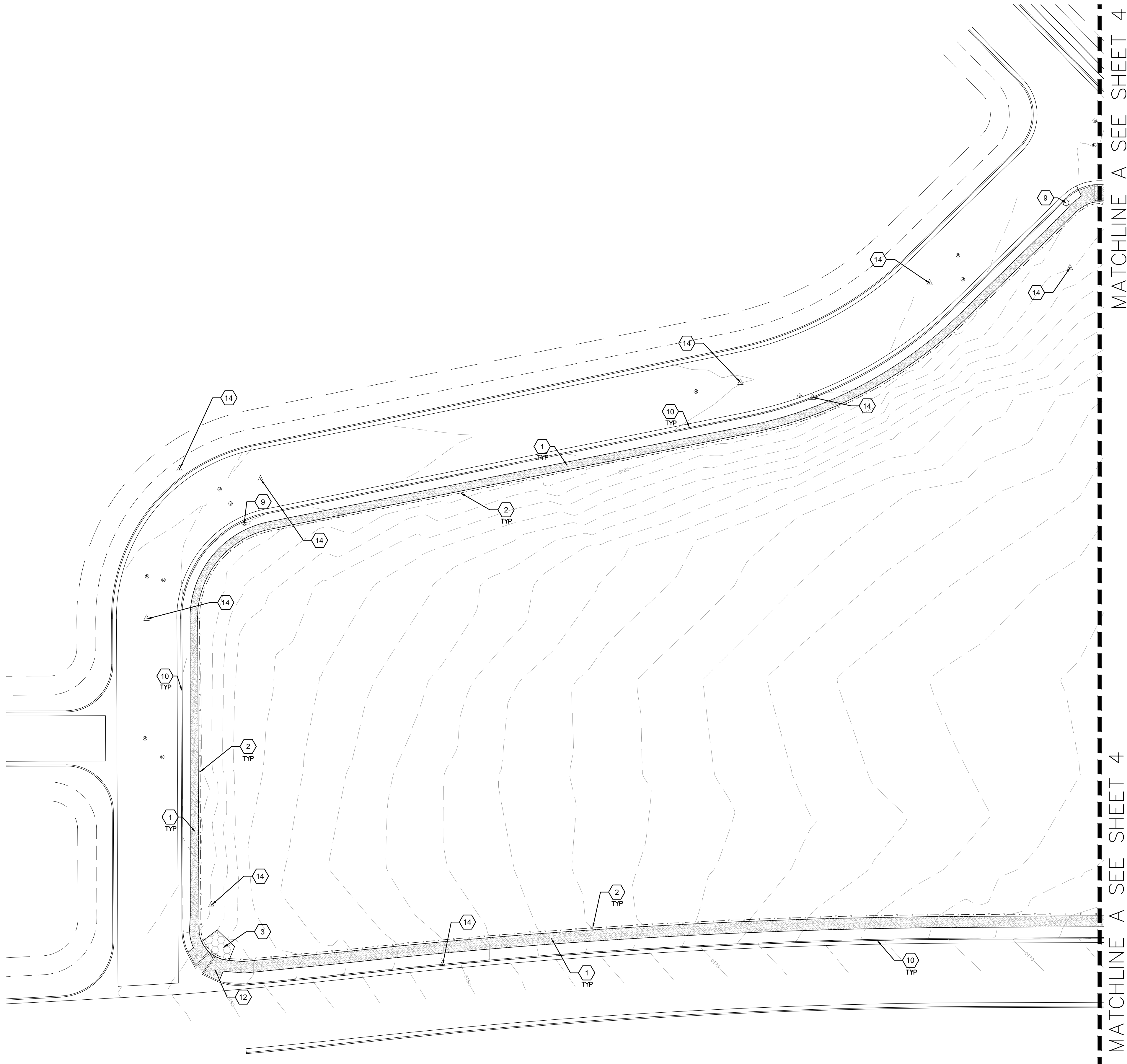




[illegible]

A1 DEMOLITION PLAN
1"=30'-0"



DEMOLITION KEYED NOTES

- EXISTING SIDEWALK TO REMAIN.
- REMOVE WOODEN POST AND WIRE FENCE, AND SILT FENCE FABRIC. SALVAGE WOOD POSTS TO CITY OF ALBUQUERQUE PARKS MANAGEMENT.
- REMOVE AND PROPERLY DISPOSE OF TEMPORARY ASPHALT MILLINGS.
- EXISTING UTILITY EQUIPMENT TO REMAIN.
- EXISTING GATE TO REMAIN.
- EXISTING STORM DRAIN PIPE OUTLETS TO REMAIN.
- EXISTING MANHOLE WITH CONCRETE COLLAR TO REMAIN.
- EXISTING ELECTRICAL UTILITY PULL BOX TO REMAIN.
- EXISTING STREET LIGHT TO REMAIN.
- EXISTING CURB AND GUTTER TO REMAIN.
- REMOVE AND PROPERLY DISPOSE OF EXISTING SIDEWALK. SAWCUT EDGES AT LIMITS SHOWN.
- EXISTING CURB RAMP TO REMAIN.
- EXISTING WOODEN POST AND WIRE FENCE TO REMAIN.
- SURVEY CONTROL POINT TO BE MAINTAINED.

DEMOLITION NOTES

- CONTRACTOR SHALL FILL AND COMPACT ALL VOIDS CREATED BY DEMOLITION WORK WITH CLEAN BACKFILL MATERIAL, WHICH SHALL BE APPROVED BY OWNER PRIOR TO BACKFILL OPERATIONS.
- CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (1-800-321-2537) FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING TRASH AND DEBRIS ON SITE, INCLUDING DUMPED DIRT UNSUITABLE FOR FILL.

HATCH LEGEND

- EXISTING CONCRETE TO BE REMOVED AND PROPERLY DISPOSED OF. SEE KEYED NOTE #11.
- EXISTING CONCRETE SIDEWALK TO REMAIN. SEE KEYNOTE #1.
- EXISTING TEMPORARY ASPHALT MILLINGS TO BE REMOVED AND PROPERLY DISPOSED OF. SEE KEY NOTE #3.

RECORD DRAWING

SEPTEMBER 2015

This drawing, to the best of my knowledge, has been updated to include information received from the Contractor to reflect as-built conditions. Actual installation may vary from this drawing due to changes made by the Contractor and not passed on for inclusion on this drawing.

MORROW REARDON
WILKINSON MILLER, LTD.,
LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
DEMOLITION PLAN

Design Review Committee

City Engineer Approval

Last Design Update

Mo./Day/Yr.

Mo./Day/Yr.

City Project No.

757591

Zone Map No.

N-8

Sheet

3

Of

21

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

ARCHITECTURAL SEAL

REVISIONS

NO. DATE

DESIGNED BY

DATE

DRAWN BY

DATE

CHECKED BY

DATE

BENCH MARKS

AS-BUILT INFORMATION

CONTRACTOR

WORKS BY

DATE

ACCEPTANCE BY

DATE

VERIFICATION BY

DATE

DRAWINGS

DATE

MICRO-FILM INFORMATION

RECORDED BY

DATE

SIERRA SUNSET PARK

PROJECT# 757591

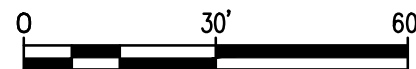
RECORD DRAWINGS

DATE: 09/25/2015

FINAL FOR CONSTRUCTION

DATE: MAY 20, 2014

MATCHLINE A SEE SHEET 3

$$1'' = 30' - 0''$$


- 1 EXISTING SIDEWALK TO REMAIN.
- 2 REMOVE WOODEN POST AND WIRE FENCE, AND SILT FENCE FABRIC. SALVAGE WOOD POSTS TO CITY OF ALBUQUERQUE PARKS MANAGEMENT.
- 3 REMOVE AND PROPERLY DISPOSE OF TEMPORARY ASPHALT MILLINGS.
- 4 EXISTING UTILITY EQUIPMENT TO REMAIN.
- 5 EXISTING GATE TO REMAIN.
- 6 EXISTING STORM DRAIN PIPE OUTLETS TO REMAIN.
- 7 EXISTING MANHOLE WITH CONCRETE COLLAR TO REMAIN.
- 8 EXISTING ELECTRICAL UTILITY PULL BOX TO REMAIN.
- 9 EXISTING STREET LIGHT TO REMAIN.
- 10 EXISTING CURB AND GUTTER TO REMAIN.
- 11 REMOVE AND PROPERLY DISPOSE OF EXISTING SIDEWALK. SAWCUT EDGES AT LIMITS SHOWN.
- 12 EXISTING CURB RAMP TO REMAIN.
- 13 EXISTING WOODEN POST AND WIRE FENCE TO REMAIN.
- 14 SURVEY CONTROL POINT TO BE MAINTAINED.

1. CONTRACTOR SHALL FILL AND COMPACT ALL VOIDS CREATED BY DEMOLITION WORK WITH CLEAN BACKFILL MATERIAL, WHICH SHALL BE APPROVED BY OWNER PRIOR TO BACKFILL OPERATIONS.
2. CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (1-800-321-2537) FOR LOCATION OF EXISTING UTILITIES.
4. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING TRASH AND DEBRIS ON SITE, INCLUDING DUMPED DIRT UNSUITABLE FOR FILL.

 EXISTING CONCRETE TO BE REMOVED AND PROPERLY DISPOSED OF. SEE KEYED NOTE #11.

 EXISTING CONCRETE SIDEWALK TO REMAIN. SEE KEYNOTE #1.

 EXISTING TEMPORARY ASPHALT MILLINGS TO BE REMOVED AND PROPERLY DISPOSED OF. SEE KEY NOTE #3.

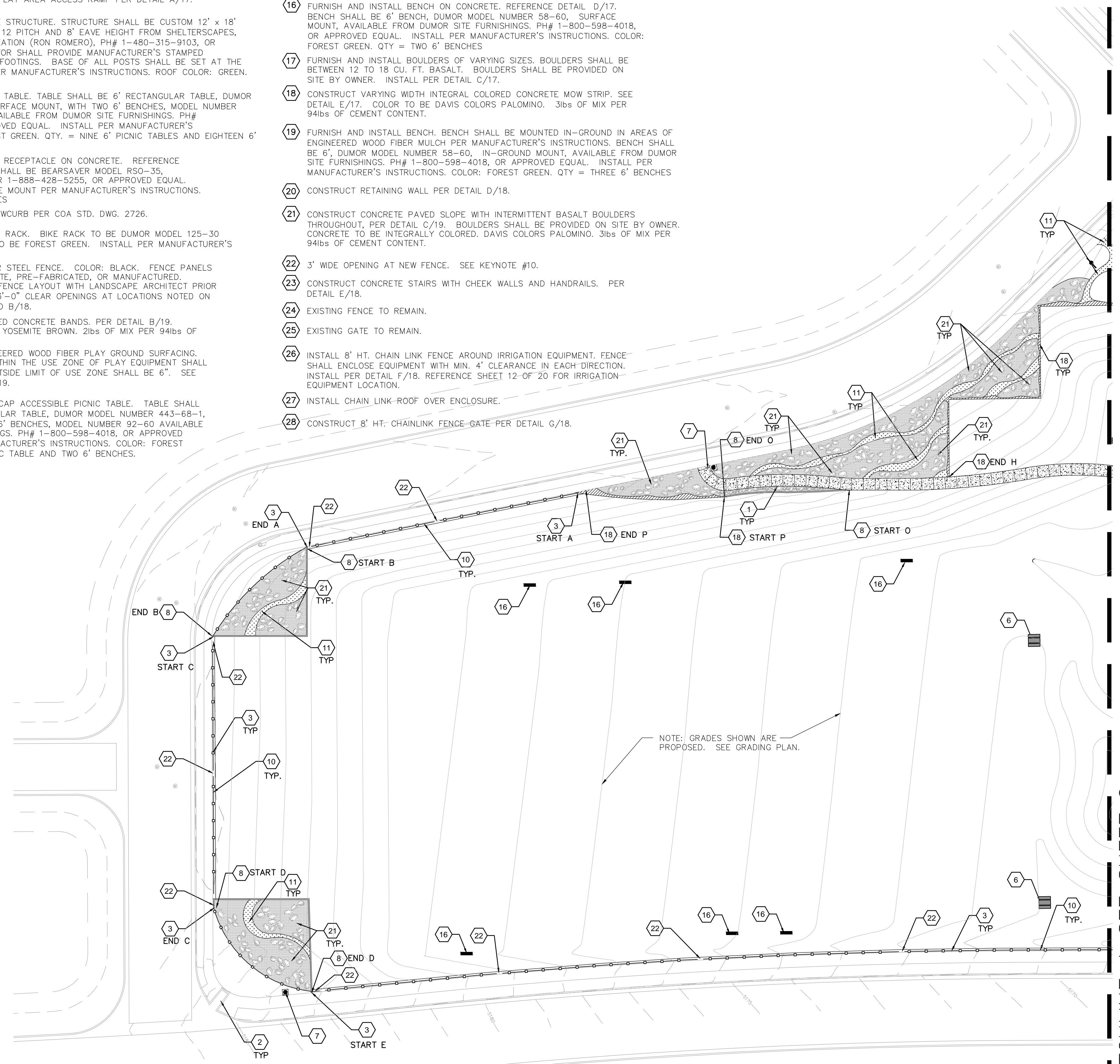
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RECORD DRAWINGS
DATE: 09/25/2015
PROJECT# 757591

FINAL FOR CONSTRUCTION
DATE: MAY 20 2014

- 1) CONSTRUCT 4" THICK CONCRETE PAVEMENT PER COA STD. DWG. 2720. ADJUST JOINT PATTERN AS SHOWN ON PLANS.
- 2) EXISTING CURB RAMP TO REMAIN.
- 3) CONSTRUCT 18" CONCRETE MOW STRIP AT FENCE. REFERENCE DETAIL A/18.
- 4) CONSTRUCT CONCRETE ADA PLAY AREA ACCESS RAMP PER DETAIL A/17.
- 5) FURNISH AND INSTALL SHADE STRUCTURE. STRUCTURE SHALL BE CUSTOM 12' x 18' CANTILEVER SHELTER WITH 2:12 PITCH AND 8' EAVE HEIGHT FROM SHELTERSCAPES, AVAILABLE FROM MMM RECREATION (RON ROMERO). PH# 1-480-315-9103, OR APPROVED EQUAL. CONTRACTOR SHALL PROVIDE MANUFACTURER'S STANDARD ENGINEERING DRAWINGS FOR FOOTINGS. BASE OF ALL POSTS SHALL BE SET AT THE SAME ELEVATION. INSTALL PER MANUFACTURER'S INSTRUCTIONS. ROOF COLOR: GREEN. FRAME COLOR: BROWN.
- 6) FURNISH AND INSTALL PICNIC TABLE. TABLE SHALL BE 6' RECTANGULAR TABLE, DUMOR MODEL NUMBER 443-60, SURFACE MOUNT, WITH TWO 6' BENCHES, MODEL NUMBER 92-60, SURFACE MOUNT. AVAILABLE FROM DUMOR SITE FURNISHINGS. PH# 1-800-598-4018, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: FOREST GREEN. QTY. = NINE 6' PICNIC TABLES AND EIGHTEEN 6' BENCHES
- 7) FURNISH AND INSTALL TRASH RECEPTACLE ON CONCRETE. REFERENCE DETAIL B/17. RECEPTACLE SHALL BE BEARSAVER MODEL R50-35, AVAILABLE FROM BEAR SAVER 1-888-428-5255, OR APPROVED EQUAL. COLOR: FIR GREEN. SURFACE MOUNT PER MANUFACTURER'S INSTRUCTIONS. QTY. = 8 TRASH RECEPTACLES
- 8) CONSTRUCT 6" CONCRETE MOWCURB PER COA STD. DWG. 2726.
- 9) FURNISH AND INSTALL A BIKE RACK. BIKE RACK TO BE DUMOR MODEL 125-30 EMBEDMENT MOUNT. COLOR TO BE FOREST GREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- 10) CONSTRUCT WELDED TUBULAR STEEL FENCE. COLOR: BLACK. FENCE PANELS MAY BE CONSTRUCTED ON SITE, PRE-FABRICATED, OR MANUFACTURED. CONTRACTOR SHALL REVIEW FENCE LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. INSTALL 3'-0" CLEAR OPENINGS AT LOCATIONS NOTED ON PLAN. SEE DETAIL A/18 AND B/18.
- 11) CONSTRUCT INTEGRAL COLORED CONCRETE BANDS. PER DETAIL B/19. COLOR TO BE DAVIS COLORS YOSEMITE BROWN. 2lbs OF MIX PER 94lbs OF CEMENT CONTENT
- 12) FURNISH AND INSTALL ENGINEERED WOOD FIBER PLAY GROUND SURFACING. PLAY GROUND SURFACING WITHIN THE USE ZONE OF PLAY EQUIPMENT SHALL BE MINIMUM 14" DEPTH. OUTSIDE LIMIT OF USE ZONE SHALL BE 6". SEE DETAIL A/19 AND DETAIL D/19.
- 13) FURNISH AND INSTALL HANDICAP ACCESSIBLE PICNIC TABLE. TABLE SHALL BE 6' SINGLE END RECTANGULAR TABLE, DUMOR MODEL NUMBER 443-60-1, SURFACE MOUNT, WITH TWO 6' BENCHES. MODEL NUMBER 92-60 AVAILABLE FROM DUMOR SITE FURNISHINGS. PH# 1-800-598-4018, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: FOREST GREEN. QTY. = ONE 8' PICNIC TABLE AND TWO 6' BENCHES.

- 14 FURNISH AND INSTALL GAZE TIME PLAY EQUIPMENT, PLAY EQUIPMENT AVAILABLE FROM MMM RECREATION (RON ROMERO). PH# 1-480-315-9103, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SEE ENLARGEMENT DETAIL D/19 FOR EQUIPMENT SPECIFICATIONS AND COLORS.
- 15 CONSTRUCT 6" THICK, 4000 PSI CONCRETE DRIVE. SEE GRADING AND DRAINAGE PLAN KEY NOTE #4. TOP OF NEW CONCRETE PAVEMENT SHALL BE FLUSH WITH TOP OF EXISTING CONCRETE RAMP.
- 16 FURNISH AND INSTALL BENCH ON CONCRETE. REFERENCE DETAIL D/17. BENCH SHALL BE 6' BENCH, DUMOR MODEL NUMBER 58-60, SURFACE MOUNT, AVAILABLE FROM DUMOR SITE FURNISHINGS. PH# 1-800-598-4018, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: FOREST GREEN. QTY = TWO 6' BENCHES
- 17 FURNISH AND INSTALL BOULDERS OF VARYING SIZES. BOULDERS SHALL BE BETWEEN 12 TO 18 CU. FT. BASALT. BOULDERS SHALL BE PROVIDED ON SITE BY OWNER. INSTALL PER DETAIL C/17.
- 18 CONSTRUCT VARYING WIDTH INTEGRAL COLORED CONCRETE MOW STRIP. SEE DETAIL E/17. COLOR TO BE DAVIS COLORS PALOMINO. 3lbs of MIX PER 94lbs of CEMENT CONTENT.
- 19 FURNISH AND INSTALL BENCH. BENCH SHALL BE MOUNTED IN-GROUND IN AREAS OF ENGINEERED WOOD FIBER MULCH PER MANUFACTURER'S INSTRUCTIONS. BENCH SHALL BE 6', DUMOR MODEL NUMBER 58-60, IN-GROUND MOUNT, AVAILABLE FROM DUMOR SITE FURNISHINGS. PH# 1-800-598-4018, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: FOREST GREEN. QTY = THREE 6' BENCHES
- 20 CONSTRUCT RETAINING WALL PER DETAIL D/18.
- 21 CONSTRUCT CONCRETE PAVED SLOPE WITH INTERMITTENT BASALT BOULDERS THROUGHOUT, PER DETAIL C/19. BOULDERS SHALL BE PROVIDED ON SITE BY OWNER. CONCRETE TO BE INTEGRALLY COLORED. DAVIS COLORS PALOMINO. 3lbs of MIX PER 94lbs of CEMENT CONTENT.
- 22 3' WIDE OPENING AT NEW FENCE. SEE KEYNOTE #10.
- 23 CONSTRUCT CONCRETE STAIRS WITH CHEEK WALLS AND HANDRAILS. PER DETAIL E/18.
- 24 EXISTING FENCE TO REMAIN.
- 25 EXISTING GATE TO REMAIN.
- 26 INSTALL 8' HT. CHAIN LINK FENCE AROUND IRRIGATION EQUIPMENT. FENCE SHALL ENCLOSE EQUIPMENT WITH MIN. 4' CLEARANCE IN EACH DIRECTION. INSTALL PER DETAIL F/18. REFERENCE SHEET 12 OF 20 FOR IRRIGATION EQUIPMENT LOCATION.
- 27 INSTALL CHAIN LINK ROOF OVER ENCLOSURE.
- 28 CONSTRUCT 8' HT. CHAINLINK FENCE-GATE-PER DETAIL G/18.

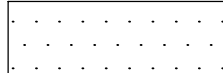

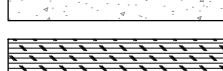
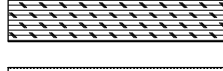




NOTE: GRADES SHOWN ARE PROPOSED. SEE GRADING PLAN.

MATCHLINE A SEE SHEET 6

MATCHLINE A SEE SHEET 6

WHERE NEW CONCRETE SIDEWALKS, CURB AND GUTTER, OR ASPHALT PAVEMENT ABUTS EXISTING CONCRETE CURB AND GUTTER AND ASPHALT PAVEMENT TO REMAIN, TOP OF NEW CONCRETE OR ASPHALT ELEVATION SHALL MATCH TOP OF EXISTING CONCRETE OR ASPHALT ELEVATION. INSTALL EXPANSION JOINT BETWEEN ALL NEW CONCRETE AND EXISTING ADJACENT CONCRETE OR ASPHALT TO REMAIN.

- | | |
|---|---|
|  | ENGINEERED WOOD FIBER PLAY GROUND SURFACING. SEE KEYED NOTE #12. |
|  | 4" THICK CONCRETE PAVEMENT. SEE KEYED NOTE #1. |
|  | 4000 PSI THICK CONCRETE PAVING. SEE KEYNOTE #15 |
|  | CONCRETE PAVED SLOPE WITH INTERMITTENT BASALT BOULDERS. SEE KEYED NOTE #21. |
|  | CONCRETE BANDS ALONG SLOPE. SEE KEY NOTE #11. |
|  | VARYING WIDTH INTEGRAL COLOR CONCRETE MOW STRIP CURB. SEE KEYED NOTE #1. |

SEPTEMBER 2015

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		REVISIONS		ARCHITECTURAL SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
						FIELD NOTES				CONTRACTOR	
						NO. BY DATE				WORK STARTED BY DATE ACCEPTANCE BY DATE	
		REMARKS		BY						FIELD CORRECTION BY DATE THANKS CORRECTED BY DATE	
										MICRO-FILM INFORMATION	
DESIGNED BY		GM	DATE	5/20/2014							RECORDED BY
DRAWN BY		AT	DATE	5/20/2014							NO.
CHECKED BY		CM	DATE	5/20/2014							

[illegible]

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

SIERRA SUNSET PARK

DATE 5/20/2014
PROJECT# 757591

RECORD DRAWINGS
DATE: 09/25/2015

MATCHLINE A SEE SHEET 5

$$1^{\circ}=30'-0''$$


1. CONSTRUCT 4" THICK CONCRETE PAVEMENT PER COA STD. DWG. 2720. ADJUST JOINT PATTERN AS SHOWN ON PLANS.
2. EXISTING CURB RAMP TO REMAIN.
3. CONSTRUCT 18" CONCRETE MOW STRIP AT FENCE. REFERENCE DETAIL A/18.
4. CONSTRUCT CONCRETE ADA PLAY AREA ACCESS RAMP PER DETAIL A/17.
5. FURNISH AND INSTALL SHADE STRUCTURE. STRUCTURE SHALL BE CUSTOM 12' x 18' CANTILEVER SHELTER WITH 2:12 PITCH AND 8' EAVE HEIGHT FROM SHELTERSCAPES, AVAILABLE FROM MMM RECREATION (RON ROMERO), PH# 1-480-315-9103, OR APPROVED EQUAL. CONTRACTOR SHALL PROVIDE MANUFACTURER'S STAND ENGINEERING DRAWINGS FOR FOOTINGS. BASE OF ALL POSTS SHALL BE SET AT THE SAME ELEVATION. INSTALL PER MANUFACTURER'S INSTRUCTIONS. ROOF COLOR: GREEN. FRAME COLOR: BROWN.
6. FURNISH AND INSTALL PICNIC TABLE. TABLE SHALL BE 6' RECTANGULAR TABLE, DUMOR MODEL NUMBER 443-60, SURFACE MOUNT, WITH TWO 6' BENCHES, MODEL NUMBER 92-60, SURFACE MOUNT. AVAILABLE FROM DUMOR SITE FURNISHINGS. PH# 1-800-598-4018, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: FOREST GREEN. QTY. = NINE 6' PICNIC TABLES AND EIGHTEEN 6' BENCHES
7. FURNISH AND INSTALL TRASH RECEPTACLE ON CONCRETE. REFERENCE DETAIL B/17. RECEPTACLE SHALL BE BEARSAVER MODEL RS0-35, AVAILABLE FROM BEAR SAVER 1-888-428-5255, OR APPROVED EQUAL. COLOR: FR GREEN. SURFACE MOUNT PER MANUFACTURER'S INSTRUCTIONS. QTY. = 8 TRASH RECEPTACLES
8. CONSTRUCT 6" CONCRETE MOWCURB PER COA STD. DWG. 2726.
9. FURNISH AND INSTALL A BIKE RACK. BIKE RACK TO BE DUMOR MODEL 125-30 EMBEDMENT MOUNT. COLOR TO BE FOREST GREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
10. CONSTRUCT WELDED TUBULAR STEEL FENCE. COLOR: BLACK. FENCE PANELS MAY BE CONSTRUCTED ON SITE, PRE-FABRICATED, OR MANUFACTURED. CONTRACTOR SHALL REVIEW FENCE LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. INSTALL 3'-0" CLEAR OPENINGS AT LOCATIONS NOTED ON PLAN. SEE DETAIL A/18 AND B/18.
11. CONSTRUCT INTEGRAL COLORED CONCRETE BANDS. PER DETAIL B/19. COLOR TO BE DAVIS COLORS YOSEMITE BROWN. 2lbs OF MIX PER 94lbs OF CEMENT CEMENT
12. FURNISH AND INSTALL ENGINEERED WOOD FIBER PLAY GROUND SURFACING. PLAY GROUND SURFACING WITHIN THE USE ZONE OF PLAY EQUIPMENT SHALL BE MINIMUM 14" DEPTH. OUTSIDE LIMIT OF USE ZONE SHALL BE 6". SEE DETAIL A/19 AND DETAIL D/19.
13. FURNISH AND INSTALL HANDICAP ACCESSIBLE PICNIC TABLE. TABLE SHALL BE 8' SINGLE ADA RECTANGULAR TABLE, DUMOR MODEL NUMBER 443-68-1, SURFACE MOUNT, WITH TWO 6' BENCHES, MODEL NUMBER 92-60 AVAILABLE FROM DUMOR SITE FURNISHINGS. PH# 1-800-598-4018, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: FOREST GREEN. QTY. = ONE 8' PICNIC TABLE AND TWO 6' BENCHES.

1. WHERE NEW CONCRETE SIDEWALKS, CURB AND GUTTER, OR ASPHALT PAVEMENT ABUTS EXISTING CONCRETE CURB AND GUTTER AND ASPHALT PAVEMENT TO REMAIN, TOP OF NEW CONCRETE OR ASPHALT ELEVATION SHALL MATCH TOP OF EXISTING CONCRETE OR ASPHALT ELEVATION. INSTALL EXPANSION JOINT BETWEEN ALL NEW CONCRETE AND EXISTING ADJACENT CONCRETE OR ASPHALT TO REMAIN.

	ENGINEERED WOOD FIBER PLAY GROUND SURFACING, SEE KEYED NOTE #12.
	4" THICK CONCRETE PAVEMENT, SEE KEYED NOTE #1.
	4000 PSI CONCRETE PAVING, SEE KEYNOTE #15
	CONCRETE PAVED SLOPE WITH INTERMITTENT BASALT BOULDERS. SEE KEYED NOTE #21.
	CONCRETE BANDS ALONG SLOPE. SEE KEY NOTE #11.
	VARYING WIDTH INTEGRAL COLOR CONCRETE MOW STRIP CURB. SEE KEYED NOTE #18.

This drawing, to the best of my knowledge, has been updated to include information received from the Contractor to reflect as-built conditions. Actual installation may vary from this drawing due to changes made by the Contractor and not passed on for inclusion on this drawing.

[illegible]

PROJECT# 757591

RECORD DRAWINGS
DATE: 09/25/2015

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

A1 LAYOUT PLAN

1"=30'-0"

COORDINATE POINTS

X=	Y=
0 X=1492204.10229100	Y=1470090.74625700
1 X=1492210.64116051	Y=1470097.00839176
2 X=1492214.39887361	Y=1470079.30379174
3 X=1492227.03386066	Y=1470070.87978728
4 X=1492242.11006214	Y=1470069.05910113
5 X=1492249.96376416	Y=1470080.10167537
6 X=1492273.05177921	Y=1470103.67282351
7 X=1492264.33922932	Y=1470100.34708837
8 X=1492260.30632647	Y=1470091.93847764
9 X=1492261.05392550	Y=1470084.09168926
10 X=1492263.17768859	Y=1470076.29070828
11 X=1492255.19279491	Y=1470067.27848459
12 X=1492263.36405369	Y=1470056.90741801
13 X=1492273.40499201	Y=1470056.67017586
14 X=1492270.40970928	Y=1470053.35842165
15 X=1492273.57465798	Y=1470029.52200010
16 X=1492267.68273212	Y=1470009.64257887
17 X=1492239.42356787	Y=1470006.66100076
18 X=1492203.71028122	Y=1470006.22583109
19 X=1492179.45064985	Y=1470008.22681202
20 X=1492179.66913908	Y=1469965.68821848
21 X=1492186.32279466	Y=1469943.08316312
22 X=1492187.26756172	Y=1469934.38684502
23 X=1492188.38644985	Y=1469928.69176133
24 X=1492189.10266877	Y=1469925.83401419
25 X=1492193.62846873	Y=1469918.40208046
26 X=1492180.51549257	Y=1469908.54070916
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28 X=1492201.39038771	Y=1469914.46900049

RECORD DRAWING

SEPTEMBER 2015

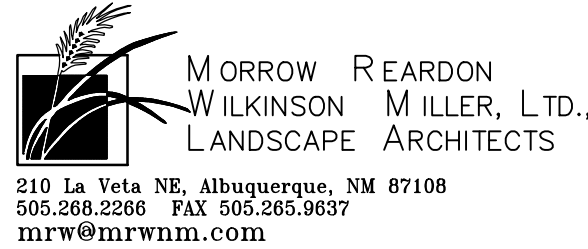
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COORDINATE POINTS

X=	Y=
29 X=1492203.50147620	Y=1469907.88149807
30 X=1492214.39619409	Y=1469908.81314906
31 X=1492213.03325120	Y=1469901.87029248
32 X=1492218.03182325	Y=1469891.77060906
33 X=1492218.15002293	Y=1469885.28003632
34 X=1492216.79474201	Y=1469878.93143653
35 X=1492215.93475593	Y=1469874.66960872
36 X=1492215.84673955	Y=1469873.34792218
37 X=1492207.85071195	Y=1469874.56588668
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39 X=1492194.16630498	Y=1469866.50702382
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41 X=1492216.19392355	Y=1469868.67244012
42 X=1492216.39553936	Y=1469867.71115361
43 X=1492220.50905354	Y=1469870.56585512
44 X=1492230.47819914	Y=1469872.71437460
45 X=1492234.50750479	Y=1469870.77409214
46 X=1492241.42460173	Y=1469868.03116393
47 X=1492241.42460173	Y=1469868.69567994
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49 X=1492249.42343662	Y=1469868.83220976
50 X=1492274.81784326	Y=1469868.65958528
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52 X=1492240.57746948	Y=1469874.68209444
53 X=1492245.96323810	Y=1469897.59505203
54 X=1492239.42257334	Y=1469877.46548158
55 X=1492232.86427977	Y=1469884.52803437
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57 X=1492223.41316758	Y=1469895.10053828
58 X=1492222.00347167	Y=1469898.98939579
59 X=1492217.16381474	Y=1469906.24266505
60 X=1492219.21051667	Y=1469907.42518035
61 X=1492215.28596813	Y=1469908.06421881
62 X=1492215.19609766	Y=1469917.07568953
63 X=1492209.08131586	Y=1469912.14993002
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65 X=1492212.63257240	Y=1469927.86292070
66 X=1492208.55293364	Y=1469929.02762994
67 X=1492198.39454386	Y=1469933.72977244
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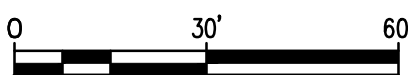
CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
LAYOUT PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.		Zone Map No.	Sheet	Of
757591		N-8	7	21

MATCHLINE A SEE SHEET 8

MATCHLINE A SEE SHEET 8



NOTE: GRADES SHOWN ARE PROPOSED. SEE GRADING PLAN.

PROJECT# 757591

RECORD DRAWINGS
DATE: 09/25/2015

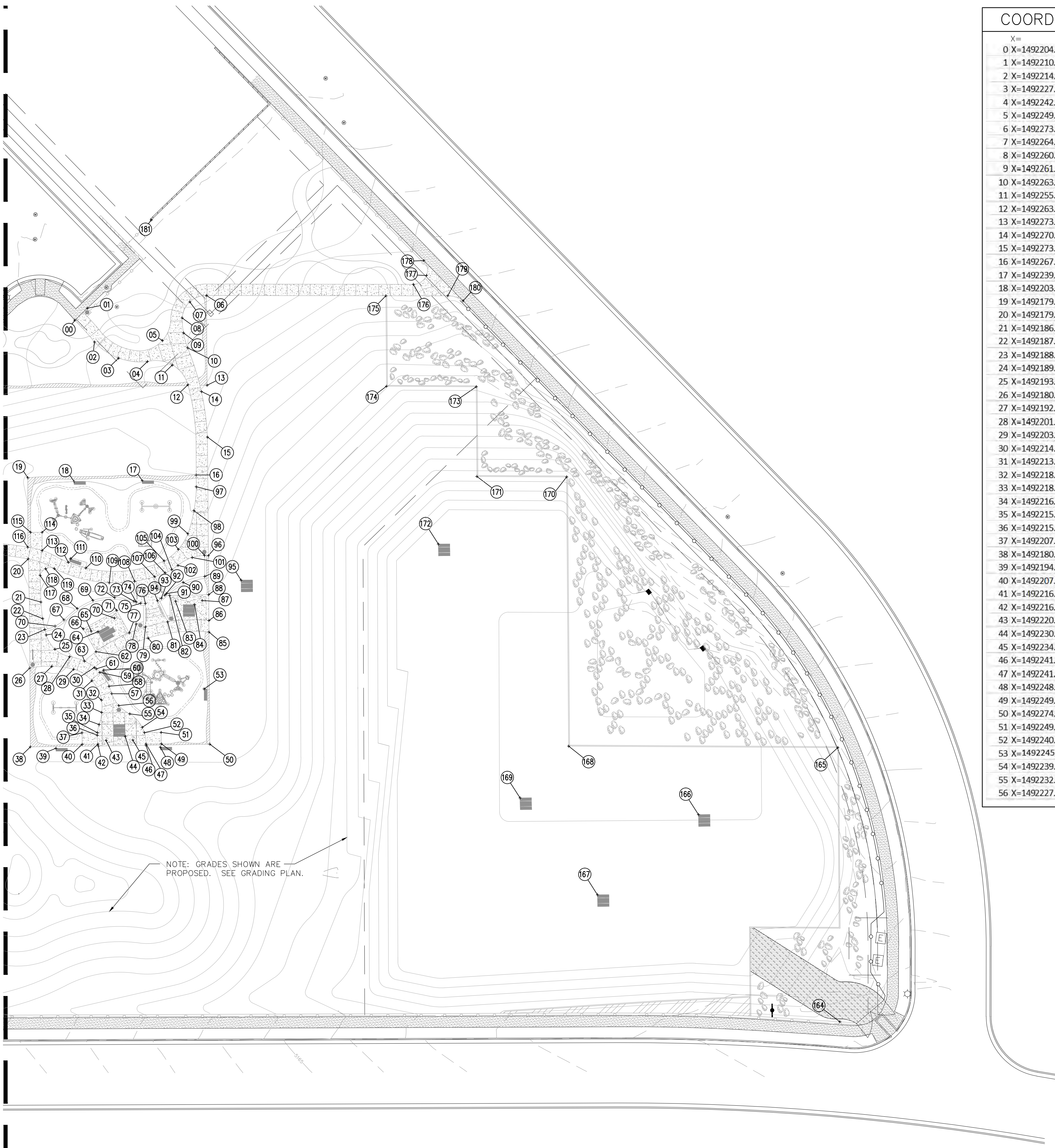
SIERRA SUNSET PARK

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

MATCHLINE A SEE SHEET 7

MATCHLINE A SEE SHEET 7

A1 LAYOUT PLAN
1"=30'-0"



NOTE: GRADES SHOWN ARE PROPOSED. SEE GRADING PLAN.

COORDINATE POINTS		
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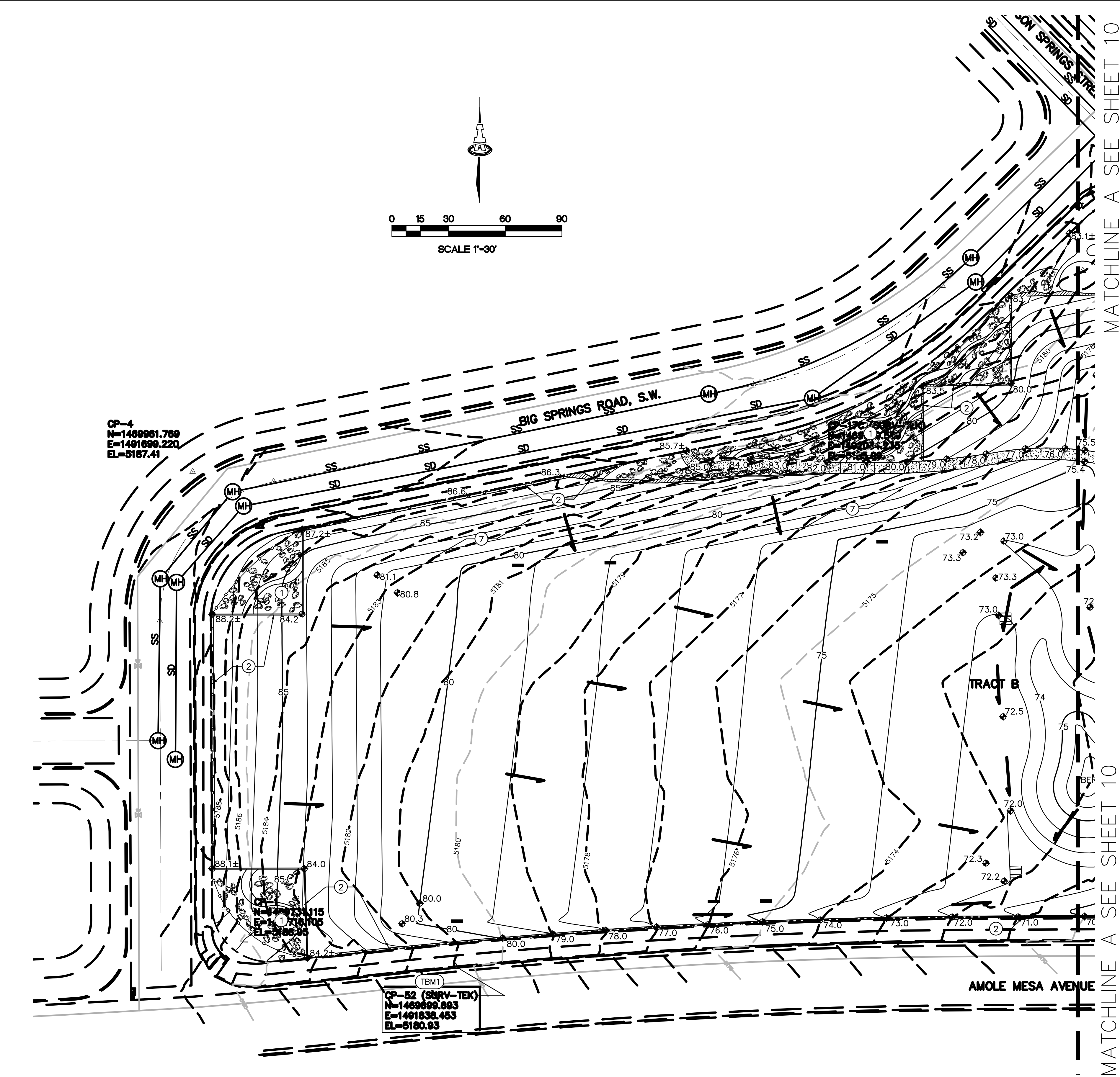
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65	X=1492212.63257240	Y=1469927.86292070
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RECORD DRAWING
SEPTEMBER 2015
This drawing, to the best of my knowledge, has been updated to include information received from the Contractor to reflect as-built conditions. Actual installation may vary from this drawing due to changes made by the Contractor and not passed on for inclusion on this drawing.



CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT	
SIERRA SUNSET PARK LAYOUT PLAN	
Design Review Committee	City Engineer Approval
Last Design Update	
Mo./Day/Yr.	
Mo./Day/Yr.	
City Project No. 757591	
Zone Map No. N-8	
Sheet 8 of 21	



MATCHLINE A SEE SHEET 10

MATCHLINE A SEE SHEET 10

RECORD DRAWING
SEPTEMBER 2015

This drawing, to the best of my knowledge, has been updated to include information received from the Contractor to reflect as-built conditions. Actual installation may vary from this drawing due to changes made by the Contractor and not passed on for inclusion on this drawing.

Survey Information:
This is not a Boundary Survey, apparent property corners are shown for orientation only. Boundary data shown is from previous survey(s) referenced hereon and has not been check for accuracy nor consistency.

GENERAL NOTES

- COORDINATE WORK WITH LANDSCAPE PLAN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE LANDSCAPE ARCHITECT AND VERIFY THE INTENT BEFORE PROCEEDING.
- FOR ALL ACCESSIBLE ROUTES, MAXIMUM ALLOWABLE GROSS SLOPE IS 2.0% AND MAXIMUM LONGITUDINAL SLOPE WITHOUT RAMP IS 5.0%. FOLLOW ALL ADA ACCESSIBILITY GUIDELINES OR CITY CODES, WHICHEVER IS MORE STRINGENT.
- ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OF OFFSITE.
- ALL SUBGRADE, OVEREXCAVATION, AND FILL SHALL BE PLACED AND / OR COMPACTED PER THE GEOTECHNICAL REPORT AND CITY OF ALBUQUERQUE SPECIFICATIONS. *
- PROPOSED SPOT AND CONTOUR ELEVATIONS SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS FINISH MATERIAL THICKNESSES.
- EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. CONTRACTOR SHALL CONTACT NM-811 FOR UTILITY LINE SPOTS TWO WORKING DAYS PRIOR TO CONDUCTING SITE FIELD WORK. CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE CITY OF ALBUQUERQUE REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AN NPDES PERMIT, AND AN EROSION AND SEDIMENT CONTROL (ESC) PERMIT FOR PROJECTS WHERE CONSTRUCTION ACTIVITIES MEET THE EPA THRESHOLD. (SWPPP, NPDES PERMIT, AND ESC PLAN BY OTHERS.) A CITY-APPROVED ESC PERMIT MUST BE INCLUDED WITH THE CONTRACTOR'S SUBMITTAL FOR A ROUGH GRADING, GRADING, PAVING, BUILDING, OR WORK ORDER PERMIT.
- ADJUST RIMS OF EXISTING UTILITY FEATURES AS NECESSARY TO MATCH NEW GRADES.
- WHERE GRADES BETWEEN NEW AND EXISTING ARE SHOWN AS 'MATCH' OR '+', TRANSITIONS SHALL BE SMOOTH.
- SEE LANDSCAPE PLAN FOR EROSION CONTROL.
- SIDESLOPES STEEPER THAN 3:1 BUT LESS THAN 2:1 MUST HAVE PERMANENT EROSION CONTROL (PER LANDSCAPE PLAN) INSTALLED. TYPICAL NO SLOPE SHALL BE STEEPER THAN 2:1.
- EXISTING SURGE POND GRADES TO BE MAINTAINED.
- ENGINEER RECOMMENDS THAT OWNER MAINTAIN EROSION PROTECTION ELEMENTS. ENGINEER RECOMMENDS THAT OWNER INSPECT SITE YEARLY AND AFTER EACH RAINFALL TO IDENTIFY NEW AREAS OF EROSION AND INSTALL ADDITIONAL EROSION PROTECTION AS NEEDED BASED ON ACTUAL OCCURRENCES.

KEYED NOTES

THESE KEYED NOTES ARE REFERENCED ON GRADING & DRAINAGE PLANS EAST AND WEST. NOT ALL NOTES ARE USED ON EACH SHEET.

- CONCRETE PAVED SIDE SLOPES WITH INTERMITTENT BOULDERS AND VARYING WIDTH CONCRETE BANDS. COORDINATE LOCATIONS WITH LANDSCAPE ARCHITECT.
- CONCRETE MOW STRIP / MOW CURB AT ELEVATIONS SHOWN. SEE CONSTRUCTION PLAN.
- CONSTRUCT ADA ACCESS RAMP. SEE CONSTRUCTION PLAN.
- CONSTRUCT SURGE POND 6" PCC ACCESS DRIVE WITH EMERGENCY OVERFLOW ELEVATION SHOWN FLUSH WITH TOP OF EXISTING CONCRETE RAMP. EXTEND TO BOTTOM OF SURGE POND AT 10% MAX. SLOPE. STRICTLY ADHERE TO EMERGENCY OVERFLOW ELEVATION. SEE CONSTRUCTION PLAN.
- CONSTRUCT RETAINING WALL, STEPS, ADA ACCESSIBLE SLOPED WALKS AS SHOWN TO ACHIEVE GRADE TRANSITIONS. SEE CONSTRUCTION PLANS.
- CONTRACTOR TO FIELD LOCATE AND PROTECT EXISTING SAS AND STORM DRAIN UTILITIES. GRADES SHOWN THIS AREA REFLECT EXISTING GRADES IN ORDER TO MAINTAIN COVER.
- GRADES WITHIN GRASS ON NORTH SIDE OF FIELD AND WITHIN DRAINAGE EASEMENT NOT TO EXCEED 5:1. ALL OTHER GRASS AREAS TO BE MAX. 6:1. COORDINATE WITH LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL REGRADE SURGE POND WITHIN PUBLIC DRAINAGE EASEMENT AND ADHERE STRICTLY TO ELEVATIONS SHOWN. ELEVATIONS SHOWN REFLECT TOP OF FINAL LANDSCAPE SURFACE. 5:1 SIDE SLOPES WITHIN EASEMENT AS SHOWN. AN AS-BUILT SURVEY SHALL BE PROVIDED BY OWNER TO ENABLE THE ENGINEER TO VERIFY THE VOLUME AND LIMITS OF PONDING PRIOR TO SOD INSTALLATION.
- FIELD LOCATE 5% MAX. ACCESS PATH INCORPORATED INTO GRASS THIS AREA. UTILIZE BOULDERS TO ACHIEVE 3:1 TRANSITION ALONG EAST SIDE OF PATH. COORDINATE WITH LANDSCAPE ARCHITECT.

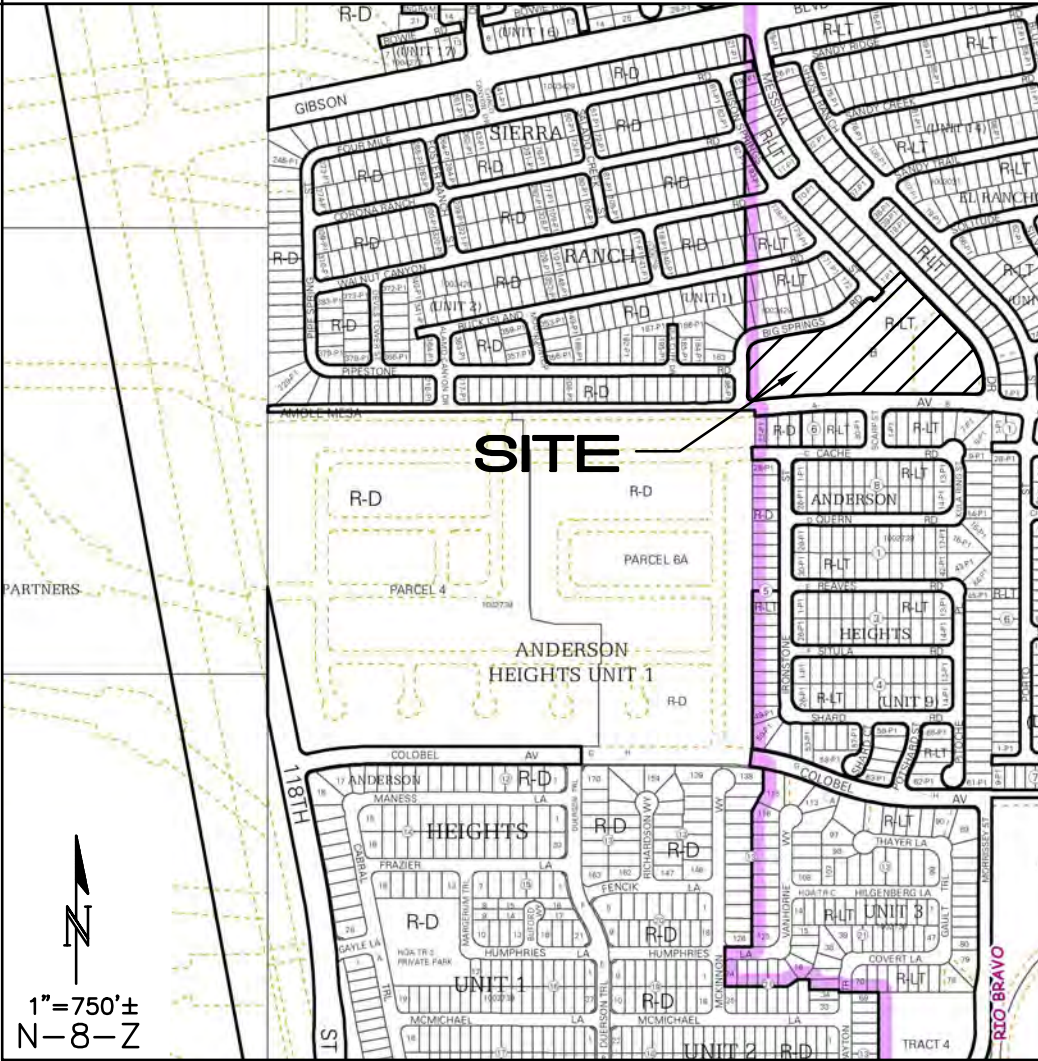
TEMPORARY BENCHMARKS

- TBM#
- TBM1 CP-52 (SURV-TEK)
N=1469699.693
E=1491838.453
EL=5180.93
- TBM2 CP-3
N=1469742.531
E=1492603.353
EL=5163.37

LEGEND

- EXISTING CONTOUR (1' INCREMENTS)
- FLOW DIRECTION
- 72--- PROPOSED CONTOUR (1' INCREMENTS)

VICINITY MAP



PROJECT DATA

PROPERTY: THE SITE IS AN UNDEVELOPED PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP N-8. THE SITE IS BOUND TO THE EAST BY MESSINA DR., TO THE WEST BY BIG SPRINGS RD., TO THE NORTH BY DEVELOPED RESIDENTIAL AND TO THE SOUTH BY AMOLE MESA AVE..

SITE AREA: 6.32 ACRES

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE GRASS FIELD, PLAYGROUND, WALKING PATHS AND TRANSITIONAL LANDSCAPING.

LEGAL: LOT B, SIERRA RANCH UNIT 1, ALBUQUERQUE, NM

ADDRESS: 10600 BIG SPRINGS RD. SW

BENCHMARK: ELEVATION = SEE PLAN FOR TEMPORARY BENCHMARKS (NAVD 1988).

OFF-SITE: THE EASTERN PORTION OF THIS PROPERTY IS A DESIGNATED SURGE POND FOR THE PUBLIC STORM DRAIN SYSTEM. GRADING WILL BE DONE AS PART OF THE INSTALLATION OF THE GRASS AND LANDSCAPING BUT EXISTING ELEVATIONS WILL BE RE-ESTABLISHED. NO OTHER OFF-SITE FLOW IMPACTS THIS PROPERTY.

FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP 35001C0336H, THE SITE IS LOCATED WITHIN FLOODZONE 'X' DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

DRAINAGE PLAN CONCEPT: TRANSITION SLOPE GRADING ON THE WEST SIDE WITH A MAXIMUM 5:1 SLOPE TO ESTABLISH A FLATTER (2.5% SLOPE) PLAYING FIELD. MINOR SWALES AND BERMS TO PROVIDE SLOPE VARIATION AND TO DEFLECT STORMWATER AROUND PLAYGROUND. ALL STORMWATER CONTINUES TO DRAIN TO THE EAST TO ENTER THE PUBLIC STORM DRAIN SYSTEM AT THE EXISTING SURGE POND INLETS. DUE TO THE PROPOSED GRASS FIELDS, THE PROPOSED DISCHARGE FROM THE DEVELOPED PROPERTY IS CALCULATED TO BE SLIGHTLY LESS THAN (-0.4 CFS) THE UNDEVELOPED GRADED CONDITION.

SURGE POND VOLUME TO BE RE-ESTABLISHED TO 4.2 AC.FT. PER 'DRAINAGE STUDY FOR SIERRA RANCH SUBDIVISION' BY BOHANNAN HUSTON, INC. DATED DECEMBER 16, 2004.

ENGINEER: ISAACSON & ARFMAN, PA
128 MONROE NE 87111
505-268-8828

SURVEYOR: PHILIP W. TURNER, NMPS #10204
PAIKI
2901 JUAN TABO NE, SUITE 101, 87112
505-816-7340

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 www.iacivil.com
4813-LG101.dwg Sep 25, 2015

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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
GRADING AND DRAINAGE PLAN WEST

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
757591	N-8	9	20

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		REMARKS	
CONTRACTOR	NO.	1988 DATUM: SPECIFIC BENCHMARK NOT PROVIDED	BY SURVEYOR.	FIELD NOTES	DATE						
WORKED BY				NO.	BY						
ACCEPTANCE BY											
VERIFICATION BY											
DRAWINGS BY											
DATE											
MICRO-FILM INFORMATION											
RECORDED BY	NO.										

100% NOT FOR CONSTRUCTION
DATE: MAY 2, 2014

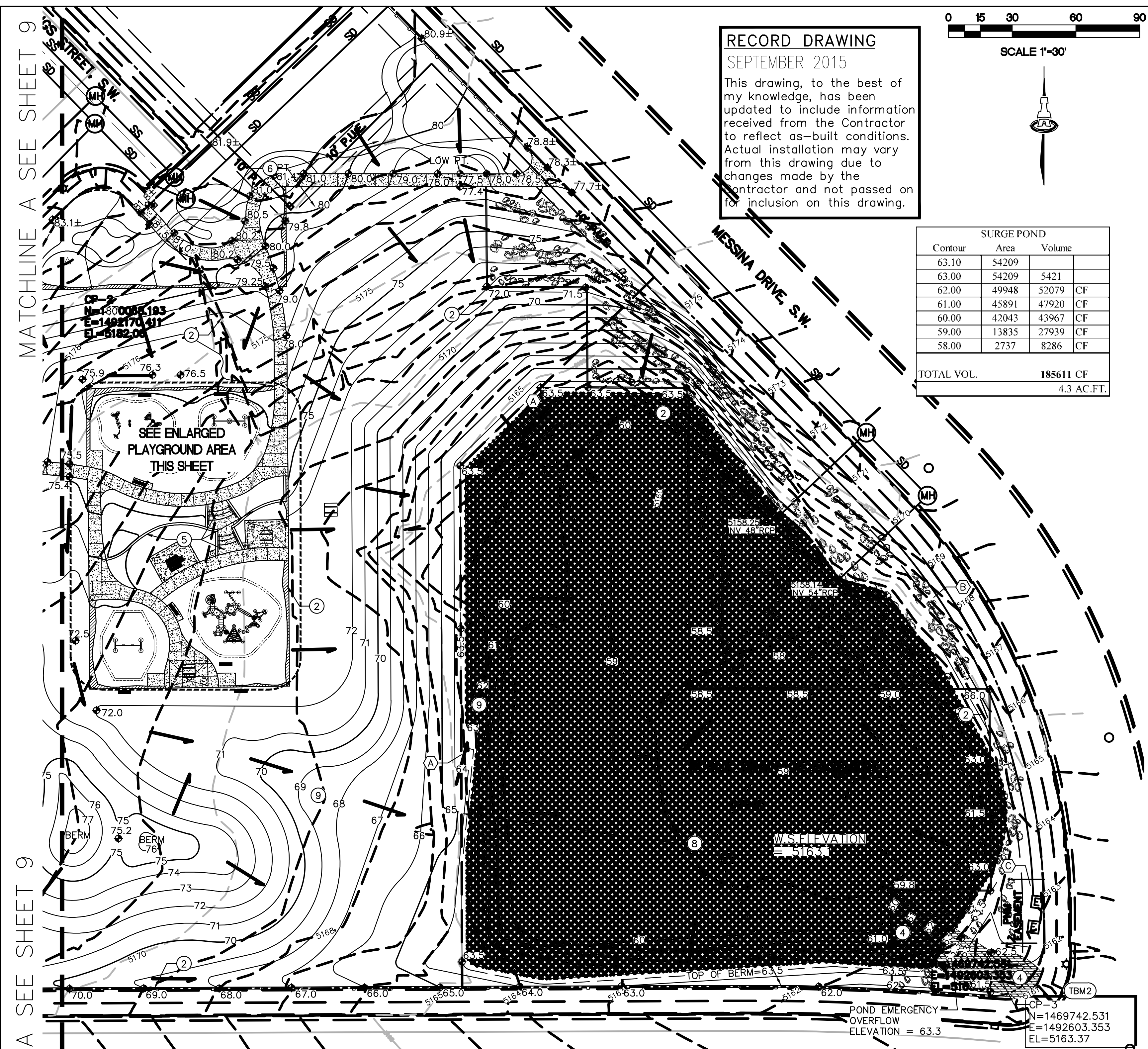
SIERRA SUNSET PARK

PROJECT# 757591

RECORD DRAWINGS
DATE: 9/25/2015

MATCHLINE A SEE SHEET 9

MATCHLINE A SEE SHEET 9

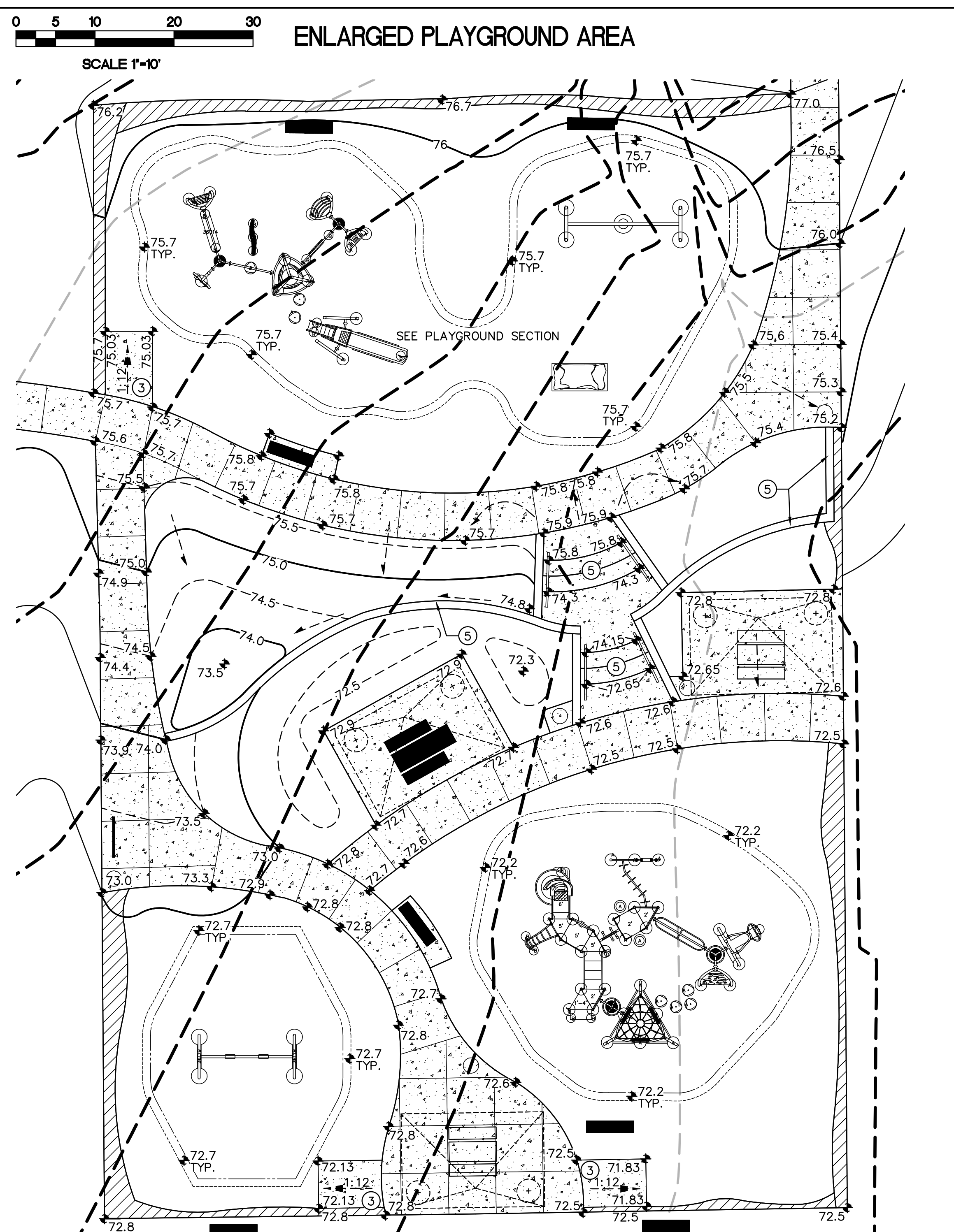


VENUE, S.W. AMOLE MESA AVENUE, S.W.

TBM#	TEMPORARY BENCHMARKS
TBM1	CP-52 (SURV-TEK) N=1469699.693 E=1491838.453 EL=5180.93
TBM2	CP-3 N=1469742.531 E=1492603.353 EL=5163.37

EASEMENTS	
(A)	EXISTING PUBLIC DRAINAGE EASEMENT (01-31-05, 05C-41)
(B)	10' PUE (06-24-05, 2005C-216)
(C)	EXISTING PNM EASEMENT
LEGEND	
---	EXISTING CONTOUR (1' INCREMENTS)
→	FLOW DIRECTION
---	PROPOSED CONTOUR (1' INCREMENTS)

CALCULATIONS									
CALCULATIONS: SIERRA SUNSET PARK : April 9, 2014									
Based on Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993									
ON-SITE									
AREA OF SITE:		275299.2		SF	=	6.3			
100-year, 6-hour									
ALLOWABLE DISCHARGE:				DEVELOPED FLOWS:			EXCESS PRECIP:		
	Area A	=	0	0%	Area A	=	0	0%	Precip. Zone 1
	Area B	=	137649.6	50%	Area B	=	170686	62%	E _A = 0.44
	Area C	=	137649.6	50%	Area C	=	96355	35%	E _B = 0.67
	Area D	=	0	0%	Area D	=	8259	3%	E _C = 0.99
Total Area	=	275299.2	100%		Total Area	=	275299.2	100%	E _D = 1.97
On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)									
Weighted E =				$\frac{E_A A_A + E_B A_B + E_C A_C + E_D A_D}{A_A + A_B + A_C + A_D}$					
allowable E	=	0.83 in.	Developed E	=	0.82 in.				
On-Site Volume of Runoff: V ₃₆₀ = $\frac{E^* A}{12}$									
allowable V ₃₆₀	=	19042	CF	Developed V ₃₆₀	=	18835	CF		
On-Site Peak Discharge Rate: Q _p = $\frac{Q_{pA} A_A + Q_{pB} A_B + Q_{pC} A_C + Q_{pD} A_D}{43,560}$									
for Precipitation Zone 1									
	Q _{pA}	=	1.29		Q _{pC}	=	2.87		
	Q _{pB}	=	2.03		Q _{pD}	=	4.37		
allowable Q _p	=	15.5	CFS	Developed Q _p	=	15.1	CFS		



KEYED NOTES

THESE KEYED NOTES ARE REFERENCED ON GRADING & DRAINAGE PLANS EAST AND WEST. NOT ALL NOTES ARE USED ON EACH SHEET.

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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
GRADING AND DRAINAGE PLAN EAST

Design Review Committee	City Engineer Approval
City Project No. 757591	Zone Map No. N-8
Sheet 10	Of 20

REVISIONS	REMARKS
NO.	DATE
1	5/2/2014
2	5/2/2014
3	5/2/2014

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		REMARKS	
CONTRACTOR	1988 DATUM: SPECIFIC BENCHMARK NOT PROVIDED	FIELD NOTES	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	NO.
WORKED BY	INSPECTED BY	ACCEPTANCE BY	DATE	DATE	DATE	DATE	DATE	DESIGNED BY	BUB	DATE	5/2/2014
DRAWINGS BY	VERIFICATION BY	DATE	DATE	DATE	DATE	DATE	DATE	DRAWN BY	BUB	DATE	5/2/2014
RECORDED BY	NO.	DATE	DATE	DATE	DATE	DATE	DATE	CHECKED BY	ANW	DATE	5/2/2014

100% NOT FOR CONSTRUCTION
DATE: MAY 2, 2014

SIERRA SUNSET PARK
PROJECT# 757591

RECORD DRAWINGS
DATE: 9/25/2015

This drawing, to the best of my knowledge, has been updated to include information received from the Contractor to reflect as-built conditions. Actual installation may vary from this drawing due to changes made by the Contractor and not passed on for inclusion on this drawing.

	<i>AS-BUILT INFORMATION</i>
	CONTRACTOR _____ DATE _____
	WORK ORDER NO. _____ DATE _____
	INSPECTOR'S ACCEPTANCE BY _____ DATE _____
	FIELD LOCATION BY _____ DATE _____
	DRAWINGS CORRECTED BY _____ DATE _____
	<i>MICRO-FILM INFORMATION</i>
	RECORDED BY _____ DATE _____
	NO. _____

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

SIERRA SUNSET PARK

PROJECT# 757591

RECORD DRAWINGS
DATE: 09/25/2015

1. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.
2. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC.
3. THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 67 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI AT THE POINT OF CONNECTION IS LESS THAN 60 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
4. PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. PIPE SHALL BE ROUTED TO ACHIEVE MINIMUM 10' CLEARANCE FROM THE TRUNK OF A TREE. IRRIGATION EQUIPMENT SHALL BE IN LANDSCAPE AREAS. IRRIGATION EQUIPMENT SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. PIPE ROUTING SHALL BE REVIEWED WITH THE LANDSCAPE ARCHITECT PRIOR TO TRENCHING.
5. IN NO CASE SHALL AN IRRIGATION VALVE BE LOCATED WITHIN 12' OF A NEW TREE TRUNK.
6. ALL 90 DEGREE ANGLES OF LATERAL PIPE, SIZE 2" AND LARGER AND MAIN LINE PIPE AS SHOWN ON THE PLAN SHALL BE FITTED WITH TWO 45 DEGREE FITTINGS.
7. LOCATION OF LATERAL LINES ARE SHOWN FOR GRAPHIC CLARITY ONLY. LATERAL LINES SHALL BE A MINIMUM OF 5' FROM TRUNK OF TREE.
8. CONTRACTOR SHALL PROVIDE AN IRRIGATION AUDIT OF ALL TURF AREAS PER CITY OF ALBUQUERQUE ORDINANCE.

4" WATER METER. INSTALL IN A METER VAULT PER COA/ABCWA STANDARD DRAWING 6370.

===== MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.

===== 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE IRRIGATION NOTE #2 THIS SHEET.

----- IRRIGATION MAIN LINE, CLASS 200 O-RING AND GASKET, SIZE 6". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS. ALL IN-LINE, 90 AND 45 DEGREE AND T-JOINTS SHALL HAVE LEMCO JOINT RESTRAINT FITTINGS. ALL RUNS SHALL BE TRUE TO LINE.

LATERAL PIPING. LATERAL PIPING 2-1/2" AND LARGER SHALL BE CLASS 200, SOLVENT WELD PVC. LATERAL PIPING 2" AND SMALLER SHALL BE SCH. 40, BELL END, SOLVENT WELD PVC. SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4"

✕ MAINLINE ISOLATION VALVE, WITH UNIONS. SIZE: 6". SEE COA STD DWG 2707.

△ 1" AIR RELIEF VALVE. LOCATION SHOWN SCHEMATICALLY, INSTALL AT HIGH POINTS OF MAINLINE. SEE COA STD DWG 2705.

⊕ BACKFLOW PREVENTER, MASTER VALVE, FLOW METER, AND PRESSURE REGULATOR ASSEMBLY, FEBCO 880V, 6" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES IN HOT BOX MODEL NO. HB4000 HEATED AND INSULATED BACKFLOW ENCLOSURE AND ARAD 6" HYDROMETER MODEL BM. SEE DETAIL D/16.

□ BOOSTER PUMP, CUSTOM PUMP AND CONTROL SYSTEM FOR SIERRA SUNSET PARK AS AVAILABLE FROM TP PUMP (505-247-4036). INSTALL PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. REFERENCE ELECTRICAL PLANS FOR POWER CONNECTION. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR DESIGN AND INSTALLATION OF VALVE BOX ASSEMBLIES AND ENCLOSURES, WELL PUMP WIRING, ALL VALVES, PIPING MANIFOLDS, FITTINGS AND WIRING.

□ IRRIGATION CONTROLLER, RAINBIRD ESP12-LXMEF CONTROLLER W/ GPRS CARTRIDGE #: IQ3G-USA. INSTALL CONTROLLER IN STRONGBOX ENCLOSURE (COLOR: TAN) PER DETAIL A/15. INSTALL GROUNDING RODS AT CONTROLLER PER DETAIL C/16. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER PER MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.

⊕ REMOTE CONTROL VALVE ASSEMBLY, WEATHERMATIC 11024-FCR PLASTIC BODY 24-VOLT AUTOMATIC VALVE SIZE AS SHOWN ON PLAN. SEE COA DWG. 2703.


□ SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.

PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAINBIRD 1400 SERIES AS FOLLOWS: SEE COA DWG. 2710 AND 2711 AND DETAILS B/16.

MODEL NO.	GPM	PSI
1401	.25	30
1404	1.0	30

ROTARY POP-UP SPRINKLER ASSEMBLIES, HUNTER I-25 SERIES, 6" STAINLESS STEEL AS FOLLOWS: SEE COA DWG. 2709.

MODEL NO.	RADIUS	GPM	PSI	PR @
I-25-06-SS-08	47'	7.7	40	1.34
I-25-06-SS-08	47'	7.7	40	.67
I-25-06-SS-08	47'	7.7	40	.50
I-25-06-SS-08	47'	7.7	40	.34



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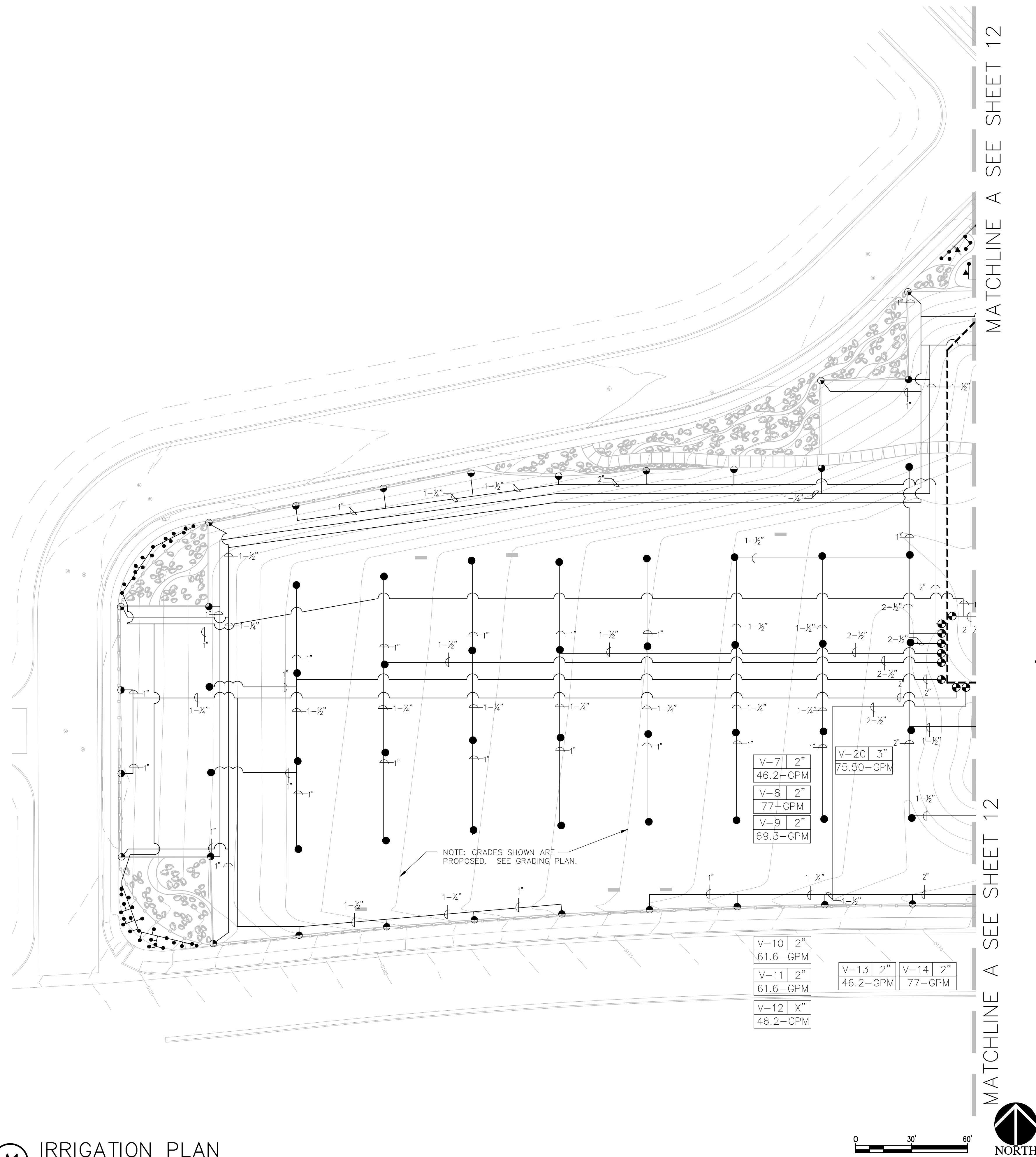
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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
757591	N-8	11	21	



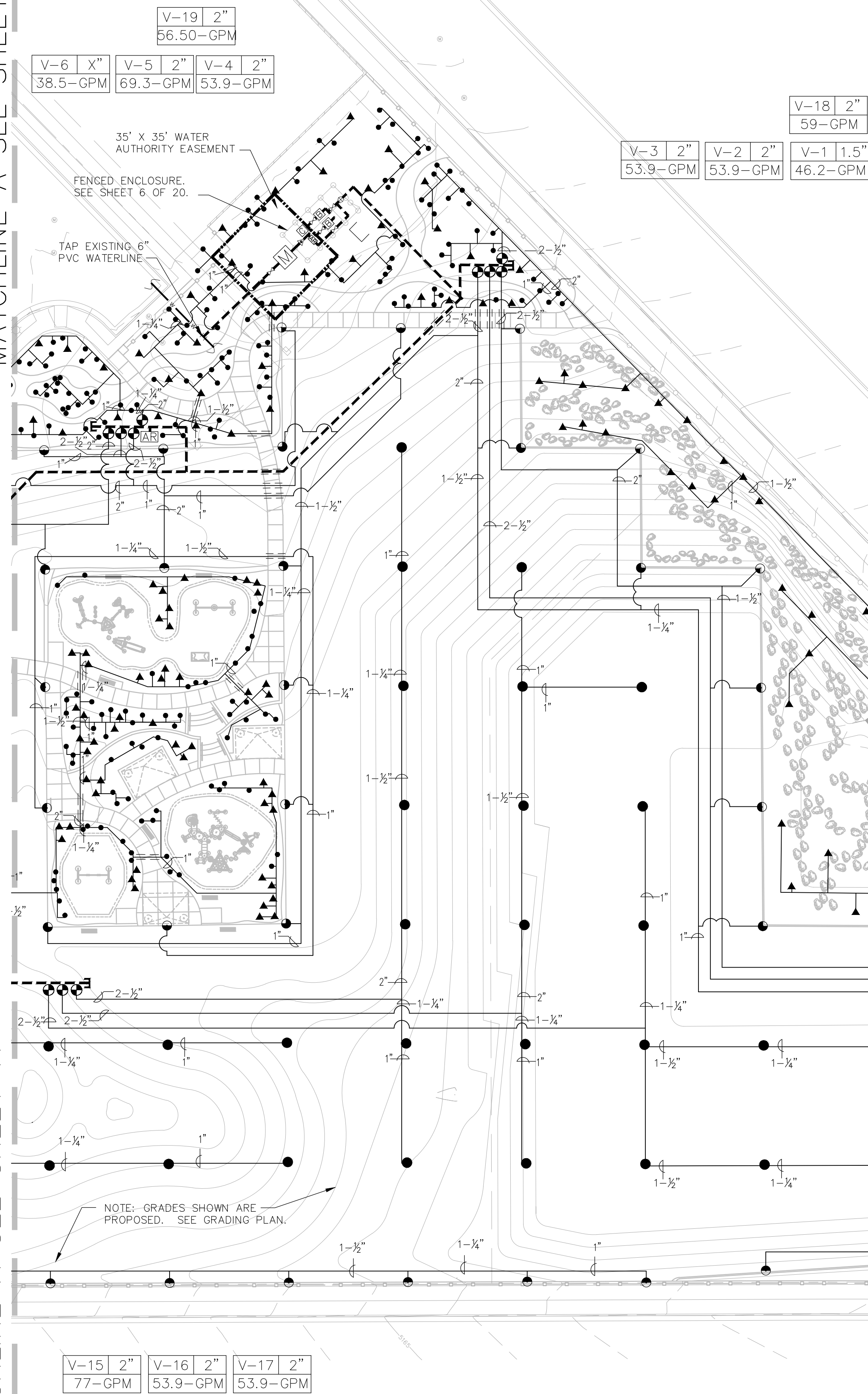
MATCHLINE A SEE SHEET 12



A1 IRRIGATION PLAN
1"=30'-0"

MATCHLINE A SEE SHEET 11

MATCHLINE A SEE SHEET 11



IRRIGATION SCHEDULE

PROGRAM	VALVES	PR CALC	RUN TIME	CYCLES	TOTAL GPM	COMMENTS
1	8, 9, 10, 12, 16	0.34	1.98 HRS	1	308	
2	11, 15, 17	0.34	1.98 HRS	1	192.5	
3	2, 5, 7, 13, 14	0.67	.98 HRS	1	292.6	
4	1, 4	1.34	.49 HRS	1	100.1	
5	3, 6	.50	1.32 HRS	1	92.4	
6	18, 19, 20	N/A	N/A	N/A	N/A	
TOTAL RUN TIME FOR ROTOR HEADS TO APPLY 2/3":			6.75 HOURS			MAX FLOW @ MASTER

IRRIGATION NOTES

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- CONTRACTOR SHALL PROVIDE AN IRRIGATION AUDIT OF ALL TURF AREAS PER CITY OF ALBUQUERQUE ORDINANCE.

RECORD DRAWING

SEPTEMBER 2015

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IRRIGATION LEGEND

- 4" WATER METER. INSTALL IN A METER VAULT PER COA/ABCWJA STANDARD DRAWING 2370.
- MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE IRRIGATION NOTE #2 THIS SHEET.
- IRRIGATION MAIN LINE, CLASS 200 O-RING AND GASKET, SIZE 6". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS. ALL IN-LINE, 90 AND 45 DEGREE AND T-JOINTS SHALL HAVE LEMCO JOINT RESTRAINT FITTINGS. ALL RUNS SHALL BE TRUE TO LINE.
- LATERAL PIPING. LATERAL PIPING 2-1/2" AND LARGER SHALL BE CLASS 200, SOLVENT WELD PVC. LATERAL PIPING 2" AND SMALLER SHALL BE SCH. 40, BELL END, SOLVENT WELD PVC. SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". PIPE CONVEYING LESS THAN 5 GPM SHALL BE 3/4"
- MAINLINE ISOLATION VALVE, WITH UNIONS. SIZE: 6". SEE COA STD DWG 2707.
- 1" AIR RELIEF VALVE. LOCATION SHOWN SCHEMATICALLY, INSTALL AT HIGH POINTS OF MAINLINE. SEE COA STD DWG 2705.
- BACKFLOW PREVENTER, MASTER VALVE, FLOW METER, AND PRESSURE REGULATOR ASSEMBLY, FEBCO 880V, 6" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES IN HOT BOX MODEL NO. HB4000 HEATED AND INSULATED BACKFLOW ENCLOSURE AND ARAD 6" HYDROMETER MODEL BM. SEE DETAIL D/16.
- BOOSTER PUMP. CUSTOM PUMP AND CONTROL SYSTEM FOR SIERRA SUNSET PARK AS AVAILABLE FROM TP PUMP (505-247-4036). INSTALL PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. REFERENCE ELECTRICAL PLANS FOR POWER CONNECTION. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR DESIGN AND INSTALLATION OF VALVE BOX ASSEMBLIES AND ENCLOSURES, WELL PUMP WIRING, ALL VALVES, PIPING MANIFOLDS, FITTINGS AND WIRING.
- IRRIGATION CONTROLLER, RAINBIRD ESP12-LXMEF CONTROLLER W/ GPRS CARTRIDGE # 103C-USA. INSTALL CONTROLLER IN STRONGBOX ENCLOSURE (COLOR: TAN) PER DETAIL A/15. INSTALL GROUNDING RODS AT CONTROLLER PER DETAIL C/16. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER PER MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.
- REMOTE CONTROL VALVE ASSEMBLY, WEATHERMATIC 11024-FCR PLASTIC BODY 24-VOLT AUTOMATIC VALVE SIZE AS SHOWN ON PLAN. SEE COA DWG. 2703.
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, HUNTER I-25 SERIES, 6" INSTALL PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. SEE COA DWG. 2710 AND 2711 AND DETAILS B/16.
- | MODEL NO. | GPM | PSI |
|-----------|-----|-----|
| 1401 | .25 | 30 |
| 1404 | 1.0 | 30 |
- ROTARY POP-UP SPRINKLER ASSEMBLIES, HUNTER I-25 SERIES, 6" STAINLESS STEEL AS FOLLOWS: SEE COA DWG. 2709.
- | MODEL NO. | RADIUS | GPM | PSI | PR |
|---------------|--------|-----|-----|------|
| I-25-06-SS-08 | 47' | 7.7 | 40 | 1.34 |
| I-25-06-SS-08 | 47' | 7.7 | 40 | .67 |
| I-25-06-SS-08 | 47' | 7.7 | 40 | .50 |
| I-25-06-SS-08 | 47' | 7.7 | 40 | .34 |

WATER MANAGEMENT GUIDE

VALVE I.D. SIZE & TYPE	HEAD TYPE	MODEL NUMBER	QTY.	GPM/HEAD	GPM/TOTAL	OPER. PRESS.	PR AVE.	* RUN TIME/DAY TO APPLY 2/3" PRECIPITATION
V-1 SIZE 1.5" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES QTR CIRCLE	I-25-04-SS-08	5	7.7	46.2	50	1.34	.49
V-2 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES HALF CIRCLE	I-25-04-SS-08	9	7.7	53.9	50	.67	.98
V-3 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES 3/4 CIRCLE	I-25-04-SS-08	6	7.7	53.9	50	.50	1.32
V-4 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES QTR CIRCLE	I-25-04-SS-08	7	7.7	53.9	50	1.34	.49
V-5 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES HALF CIRCLE	I-25-04-SS-08	9	7.7	69.3	50	.67	.98
V-6 SIZE 1.5" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES 3/4 CIRCLE	I-25-04-SS-08	5	7.7	38.5	50	.50	1.32
V-7 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES HALF CIRCLE	I-25-04-SS-08	6	7.7	46.2	50	.67	.98
V-8 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	10	7.7	77	50	.34	1.98
V-9 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	9	7.7	69.3	50	.34	1.98
V-10 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	8	7.7	61.6	50	.34	1.98
V-11 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	8	7.7	61.6	50	.34	1.98
V-12 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	6	7.7	46.2	50	.34	1.98
V-13 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES HALF CIRCLE	I-25-04-SS-08	6	7.7	46.2	50	.67	.98
V-14 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES HALF CIRCLE	I-25-04-SS-08	10	7.7	77	50	.67	.98
V-15 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	10	7.7	77	50	.34	1.98
V-16 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	7	7.7	53.9	50	.34	1.98
V-17 SIZE 2" WEATHERMATIC 11024FCR	HUNTER I-25 SERIES FULL CIRCLE	I-25-04-SS-08	7	7.7	53.9	50	.34	1.98
V-18 SIZE 2" WEATHERMATIC 11024FCR	BUBBLER ZONE	RAINBIRD 1400 SERIES	N/A	7.7	59	30	N/A	N/A
V-19 SIZE 2" WEATHERMATIC 11024FCR	BUBBLER ZONE	RAINBIRD 1400 SERIES	N/A	7.7	57.25	30	N/A	N/A
V-20 SIZE 2" WEATHERMATIC 11024FCR	BUBBLER ZONE	RAINBIRD 1400 SERIES	N/A	7.7	75.50	30	N/A	N/A

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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
757591	N-8	12	21

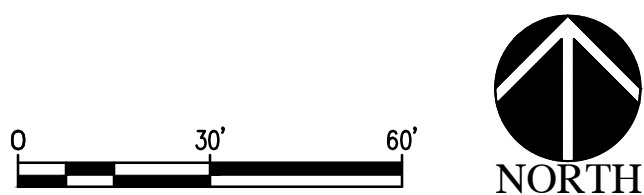
FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

SIERRA SUNSET PARK

PROJECT# 757591

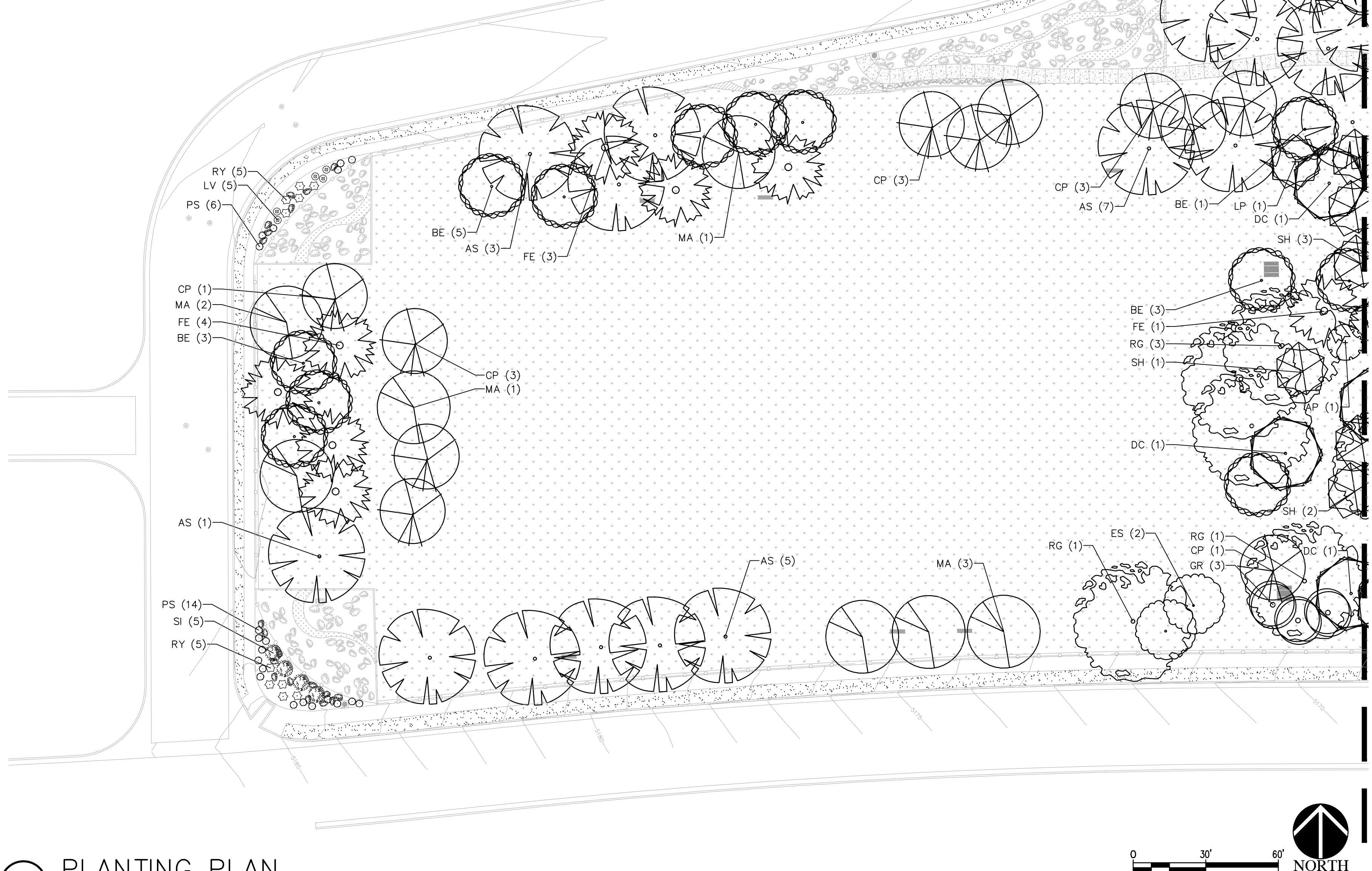
RECORD DRAWINGS
DATE: 09/25/2015

A1 IRRIGATION PLAN
1"=30'-0"



PLANTING NOTES

1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
2. FILTER FABRIC SHALL BE INSTALLED UNDER ALL PLANTING AREAS SPECIFIED TO RECEIVE 4" DEPTH GRAVEL MULCH. FILTER FABRIC SHALL BE MIN. 4 OZ. NON-WOVEN NEEDLE PUNCHED POLYPROPYLENE (DEWITT OR EQUIVALENT) UNLESS OTHERWISE NOTED. OVERLAP ENDS 3", TURN DOWN EDGES 6". ON SLOPES, UPHILL FABRIC SHALL OVERLAP DOWNHILL FABRIC.
3. IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "CONDITION" AND HEIGHT & SPREAD CALLED OUT UNDER "INSTALLED SIZE", THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "INSTALLED SIZE", EVEN IF THE LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.
4. TREES AND SHRUBS SHALL BE PLANTED PER COA STD. DWG. 2714 AND 2717.
5. Δ ARIZONA SYCAMORE / ◊ MODESTO ASH / + EMERALD SUNSHINE ELM COPSES. SPACE TREES AT A RANGE OF 3'-0" TO 8'-0" O.C. PROVIDE THE FOLLOWING SIZES FOR EACH SPECIES:
THREE (3) 2" CAL. TREES
SIX (6) 1.5" CAL. TREES
EIGHT (8) 1" CAL. TREES
TRUNK LOCATIONS SHOWN ON PLAN ARE SCHEMATIC. CONTRACTOR SHALL COORDINATE FINAL LAYOUT WITH LANDSCAPE ARCHITECT IN THE FIELD.



MATCHLINE A SEE SHEET 14

SEE ENLARGEMENT A1/15

PLANT LEGEND (SEE FULL SCHEDULE ON SHEET 15)

KEY	COMMON NAME	SCIENTIFIC NAME	QUANTITY
TREES			
AS	Arizona Sycamore	Platanus wrightii	53
CP	Chinese Pistache	Pistacia chinensis	28
ES	Emerald Sunshine Elm	Ulmus propinqua 'Emerald Sunshine'	27
FE	Frontier Elm	Ulmus parvifolia 'Frontier'	13
LT	London Plane Tree	Platanus acerifolia	9
MA	Modesto Ash	Fraxinus velutina 'Modesto'	31
RG	Rio Grande Cottonwood	Populus fremontii 'Wislizeni'	29
BE	Sensation Box Elder	Acer negundo 'Sensation'	30

EVERGREEN TREES			
AP	Austrian Pine	Pinus nigra	4
DC	Deodar Cedar	Cedrus deodara	12
LP	Limber Pine	Pinus aristata	10
RM	Rocky Mountain Juniper	Juniperus Scopulorum	1
ACCENT TREES			
DW	Desert Willow	Chilopsis linearis	20
GR	Golden Rain Tree	Koeleruteria paniculata	16
SS	Spring Snow Crabapple	Malus 'Spring Snow'	12
SH	Sunburst Honey Locust	Gleditsia triacanthos 'Suncoale'	11

SHRUBS/ORNAMENTAL GRASSES			
SB	All Gold Scotch Broom	Cytisus scoparius 'All Gold'	29
BG	Beargrass	Nolina microcarpa	9
CH	Blue Rubber Rabbitbrush	Chrysothamnus nauseosus 'Blue'	14
BB	Dwarf Butterfly Bush	Buddleia x blue chip	6
DG	Red Twig Dogwood	Cornus Sercicea 'Bailey'	6
DS	Dwarf Silver-Leaf Sage	Salvia daghestanica	6
LA	English Lavender	Lavandula angustifolia 'Munstead'	23
HB	Hummingbird Bush	Anisacanthus quadrifidus var. wrightii	6
KF	Karl Foerster	Calamagrostis x acutiflora 'Karl Foerster'	6
RO	Nearly Wild Rose	Rosa x 'Nearly Wild'	44
FG	Oriental Fountain Grass	Pennisetum orientale 'Karley Rose'	21
PS	Prairie Sage	Artemisia ludoviciana	35
RY	Red Yucca	Hesperaloe parviflora	27
SI	Silverberry	Elaeagnus commutata	24
TLS	Three Leaf Sumac	Rhus trilobata	20
VI	Vitex	Vitex agnus-castus	18

GRASS		
	Seed	213,040 SF

MULCH LEGEND

	4" DEPTH GRAVEL MULCH. MULCH SHALL BE 1" GOLD GRAVEL OVER WEED BARRIER FABRIC. SEE THIS SHEET.
	1" DEPTH GRAVEL MULCH. MULCH TO BE 1" GOLD GRAVEL WITH NO FILTER FABRIC. SEE THIS SHEET.
	4" DEPTH CRUSHER FINES. CRUSHER FINES TO BE GOLD OVER WEED BARRIER FABRIC. SEE THIS SHEET.

RECORD DRAWING
SEPTEMBER 2015

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SIERRA SUNSET PARK
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
757591	N-8	13	21	

PROJECT# 757591

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DATE: 09/25/2015

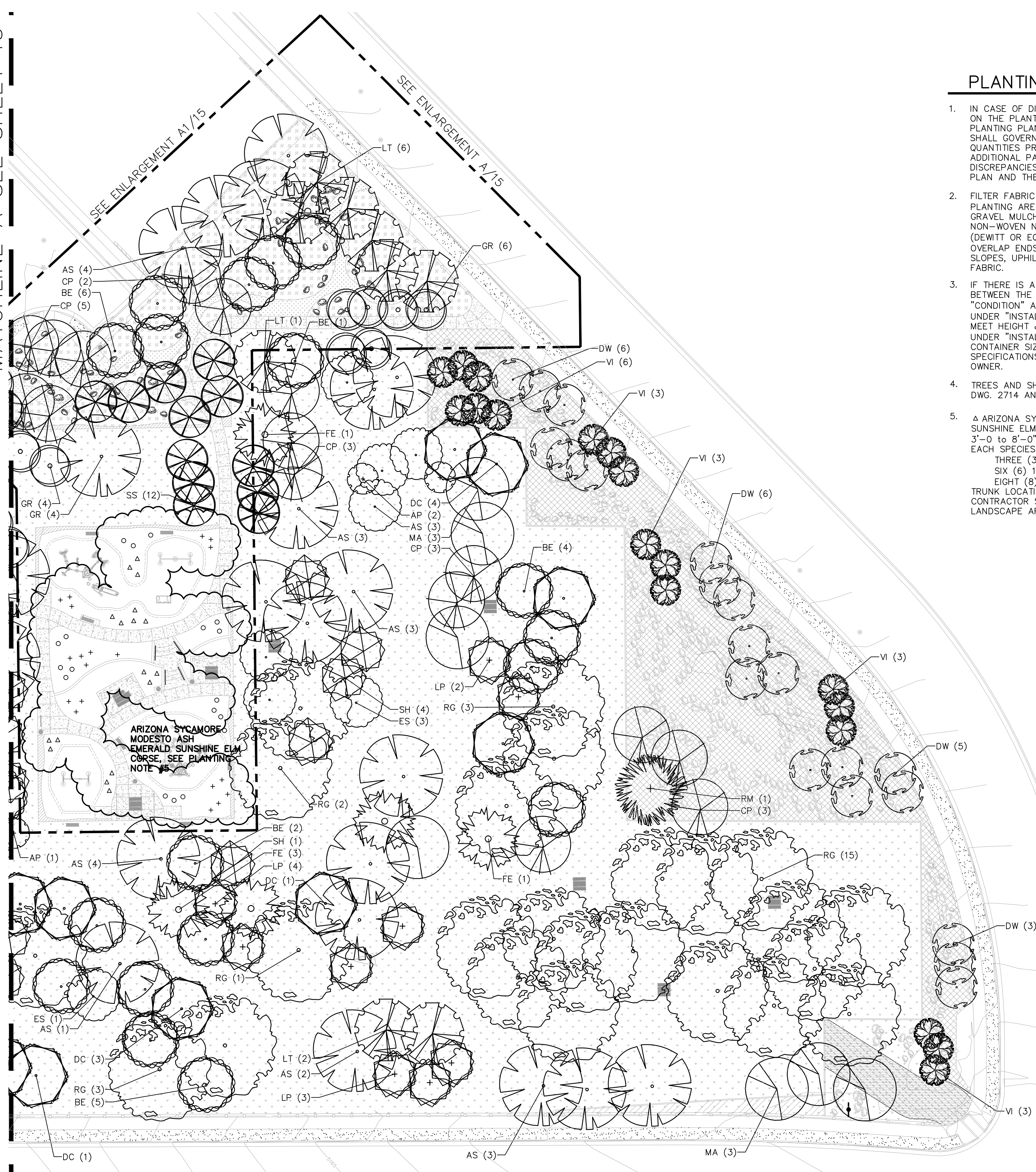
SIERRA SUNSET PARK

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

MATCHLINE A SEE SHEET 13

MATCHLINE A SEE SHEET 13

A1 PLANTING PLAN
1"=30'-0"



PLANTING NOTES

- IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
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- TREES AND SHRUBS SHALL BE PLANTED PER COA STD. DWG. 2714 AND 2717.
- △ ARIZONA SYCAMORE / ○ MODESTO ASH / + EMERALD SUNSHINE ELM COPSES. SPACE TREES AT A RANGE OF 3'-0" TO 8'-0" O.C. PROVIDE THE FOLLOWING SIZES FOR EACH SPECIES:
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TRUNK LOCATIONS SHOWN ON PLAN ARE SCHEMATIC. CONTRACTOR SHALL COORDINATE FINAL LAYOUT WITH LANDSCAPE ARCHITECT IN THE FIELD.

PLANT LEGEND (SEE FULL SCHEDULE ON SHEET 15)

KEY	COMMON NAME	SCIENTIFIC NAME	QUANTITY
TREES			
AS	Arizona Sycamore	Platanus wrightii	53
CP	Chinese Pistache	Pistacia chinensis	28
ES	Emerald Sunshine Elm	Ulmus propinqua 'Emerald Sunshine'	27
FE	Frontier Elm	Ulmus parvifolia 'Frontier'	13
LT	London Plane Tree	Platanus acerifolia	9
MA	Modesto Ash	Fraxinus velutina 'Modesto'	31
RG	Rio Grande Cottonwood	Populus fremontii 'Wisizeni'	29
BE	Sensation Box Elder	Acer negundo 'Sensation'	30

EVERGREEN TREES			
AP	Austrian Pine	Pinus nigra	4
DC	Deodar Cedar	Cedrus deodara	12
LP	Limber Pine	Pinus aristata	10
RM	Rocky Mountain Juniper	Juniperus scopulorum	1

ACCENT TREES			
DW	Desert Willow	Chilopsis linearis	20
GR	Golden Rain Tree	Koeleruteria paniculata	16
SS	Spring Snow Crabapple	Malus 'Spring Snow'	12
SH	Sunburst Honey Locust	Gleditsia triacanthos 'Suncole'	11

SHRUBS/ORNAMENTAL GRASSES			
SB	All Gold Scotch Broom	Cytisus scoparius 'All Gold'	29
BG	Beargrass	Nolina microcarpa	9
CH	Blue Rubber Rabbitbrush	Chrysothamnus nauseosus 'Blue'	14
BB	Dwarf Butterfly Bush	Buddleia x blue chip	6
DG	Red Twig Dogwood	Cornus Sericea 'Bailey'	6
DS	Dwarf Silver-Leaf Sage	Salvia daghestanica	6
LA	English Lavender	Lavandula angustifolia 'Munstead'	23
HB	Hummingbird Bush	Anisacanthus quadrifidus var. wrightii	6
KF	Karl Foerster	Calamagrostis x acutiflora 'Karl Foerster'	6
RO	Nearly Wild Rose	Rosa x 'Nearly Wild'	44
FG	Oriental Fountain Grass	Pennisetum orientale 'Karley Rose'	21
PS	Prairie Sage	Artemisia ludoviciana	35
RY	Red Yucca	Hesperaloe parviflora	27
SI	Silverberry	Elaeagnus commutata	24
TLS	Three Leaf Sumac	Rhus trilobata	20
VI	Vitex	Vitex agnus-castus	18

GRASS		
	Seed	213,040 SF

MULCH LEGEND

- 4" DEPTH GRAVEL MULCH. MULCH SHALL BE 1" GOLD GRAVEL OVER WEED BARRIER FABRIC. SEE THIS SHEET.
- 1" DEPTH GRAVEL MULCH. MULCH TO BE 1" GOLD GRAVEL WITH NO FILTER FABRIC. SEE THIS SHEET.
- 4" DEPTH CRUSHER FINES. CRUSHER FINES TO BE GOLD OVER WEED BARRIER FABRIC. SEE THIS SHEET.

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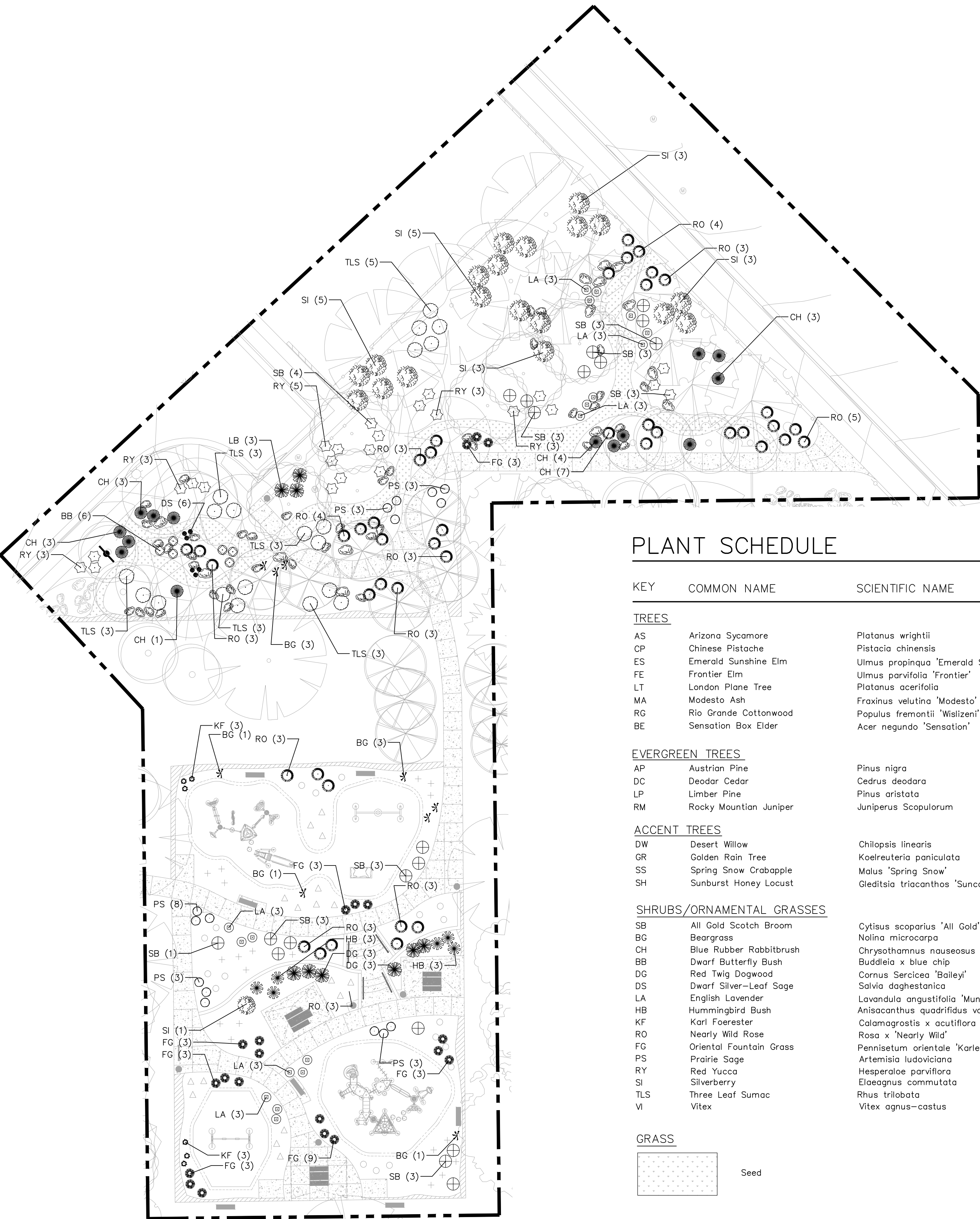
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FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

SIERRA SUNSET PARK

PROJECT# 757591

RECORD DRAWINGS
DATE: 09/25/2015



PLANT SCHEDULE

KEY	COMMON NAME	SCIENTIFIC NAME	QUANTITY	INSTALLED SIZE	MATURE SIZE	REMARKS
TREES						
AS	Arizona Sycamore	Platanus wrightii	53	(36) 2" CAL., 12'-14' HT. - (17) PER NOTE 5.	40' Ht. & 40' Spd.	30" BOX OR B&B
CP	Chinese Pistache	Pistacia chinensis	28	2.5" CAL., 10'-12' HT.	30' Ht. & Spd.	30" BOX OR B&B
ES	Emerald Sunshine Elm	Ulmus propinqua 'Emerald Sunshine'	27	(7) 2" CAL., 12'-14' HT. - (17) PER NOTE 5.	30' Ht. & 25' Spd.	30" BOX OR B&B
FE	Frontier Elm	Ulmus parvifolia 'Frontier'	13	2" CAL., 11'-13' HT.	30' Ht. & Spd.	30" BOX OR B&B
LT	London Plane Tree	Platanus acerifolia	9	2" CAL., 12'-14' HT.	50' Ht. & 30' Spd.	30" BOX OR B&B
MA	Modesto Ash	Fraxinus velutina 'Modesto'	31	(14) 2" CAL., 12'-14' HT. - (17) PER NOTE 5.	40' Ht. & 30' Spd.	30" BOX OR B&B
RG	Rio Grande Cottonwood	Populus fremontii 'Wislizeni'	29	2" CAL., 12'-14' HT.	60' Ht. & Spd.	30" BOX OR B&B
BE	Sensation Box Elder	Acer negundo 'Sensation'	30	2" CAL., 12'-14' HT.	30' Ht. & Spd.	30" BOX OR B&B
EVERGREEN TREES						
AP	Austrian Pine	Pinus nigra	4	5'-7' HT.	50' Ht. & 35' Spd.	
DC	Deodar Cedar	Cedrus deodara	12	5'-7' HT.	25' Ht. & 15' Spd.	30" BOX OR B&B
LP	Limber Pine	Pinus aristata	10	5'-7' HT.	40' Ht. & 30' Spd.	30" BOX OR B&B
RM	Rocky Mountain Juniper	Juniperus Scopulorum	1	5'-7' HT.	30' Ht. & 20' Spd.	30" BOX OR B&B
ACCENT TREES						
DW	Desert Willow	Chilopsis linearis	20	10'-12'	20' Ht. & Spd.	30" BOX, MULTI-TRUNK
GR	Golden Rain Tree	Koelreuteria paniculata	16	2" CAL., 8'-10' HT.	25' Ht. & 20' Spd.	30" BOX OR B&B
SS	Spring Snow Crabapple	Malus 'Spring Snow'	12	2" CAL., 8'-10' HT.	25' Ht. & 20' Spd.	30" BOX OR B&B
SH	Sunburst Honey Locust	Gleditsia triacanthos 'Suncole'	11	2" CAL., 10'-12' HT.	25' Ht. & 20' Spd.	30" BOX OR B&B
SHRUBS/ORNAMENTAL GRASSES						
SB	All Gold Scotch Broom	Cytisus scoparius 'All Gold'	29	MIN. 18" HT.	4' Ht. & Spd.	5-GAL.
BG	Beargrass	Nolina microcarpa	9	MIN 18" HT.	3' Ht. & Spd.	5-GAL.
CH	Blue Rubber Rabbitbrush	Chrysothamnus nauseosus 'Blue'	14	MIN. 18" HT.	6' Ht. & Spd.	5-GAL.
BB	Dwarf Butterfly Bush	Buddleia x blue chip	6	MIN 8" HT.	3' Ht. & Spd.	5-GAL.
DG	Red Twig Dogwood	Cornus Sericea 'Bailey'	6	MIN 18" HT.	6' Ht. & 5' Spd.	5-GAL.
DS	Dwarf Silver-Leaf Sage	Salvia daghestanica	6	MIN 8" HT.	1' Ht. & Spd.	5-GAL.
LA	English Lavender	Lavandula angustifolia 'Munstead'	23	MIN 6" HT.	2' Ht. & 3' Spd.	5-GAL.
HB	Hummingbird Bush	Anisacanthus quadrifidus var. wrightii	6	MIN 18" HT.	5' Ht. & 4' Spd.	5-GAL.
KF	Karl Foerster	Calamagrostis x acutiflora 'Karl Foerster'	6	MIN. 8" SPD.	2' Ht. & Spd.	5-GAL.
RO	Nearly Wild Rose	Rosa x 'Nearly Wild'	44	MIN 12" HT.	3' Ht. & Spd.	5-GAL.
FG	Oriental Fountain Grass	Pennisetum orientale 'Karley Rose'	21	MIN 12" SPD.	3' Ht. & Spd.	5-GAL.
PS	Prairie Sage	Artemisia ludoviciana	35	MIN 8" SPD.	1' Ht. & 3' Spd.	5-GAL.
RY	Red Yucca	Hesperaloe parviflora	27	MIN 18" HT.	4' Ht. & Spd.	5-GAL.
SI	Silverberry	Elaeagnus commutata	24	MIN 18" HT.	6' Ht. & Spd.	5-GAL.
TLS	Three Leaf Sumac	Rhus trilobata	20	MIN. 18" HT.	5' Ht. & Spd.	5-GAL.
VI	Vitex	Vitex agnus-castus	18	MIN 4' HT.	15' Ht. & Spd.	15-GAL.

GRASS	
	Seed
213,040 SF	



RECORD DRAWING

SEPTEMBER 2015

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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
PLANTING PLAN

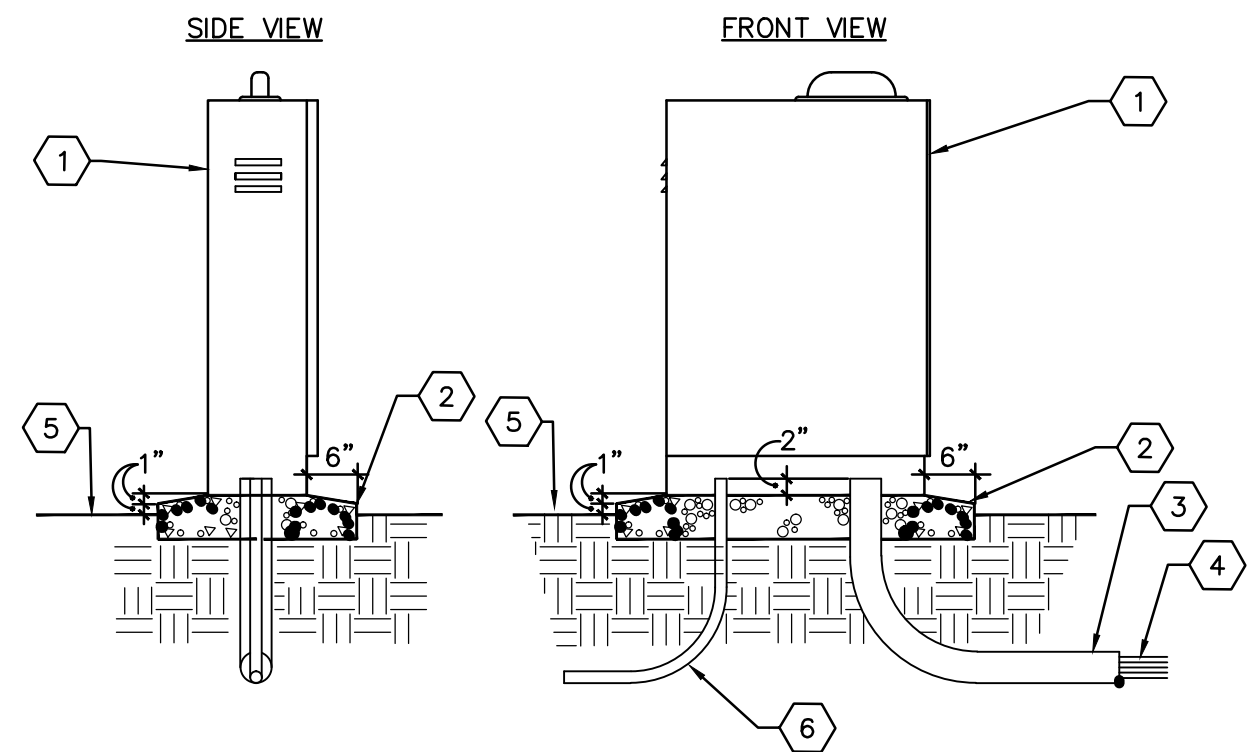
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
757591	N-8	15		21

PROJECT# 757591

SIERRA SUNSET PARK

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

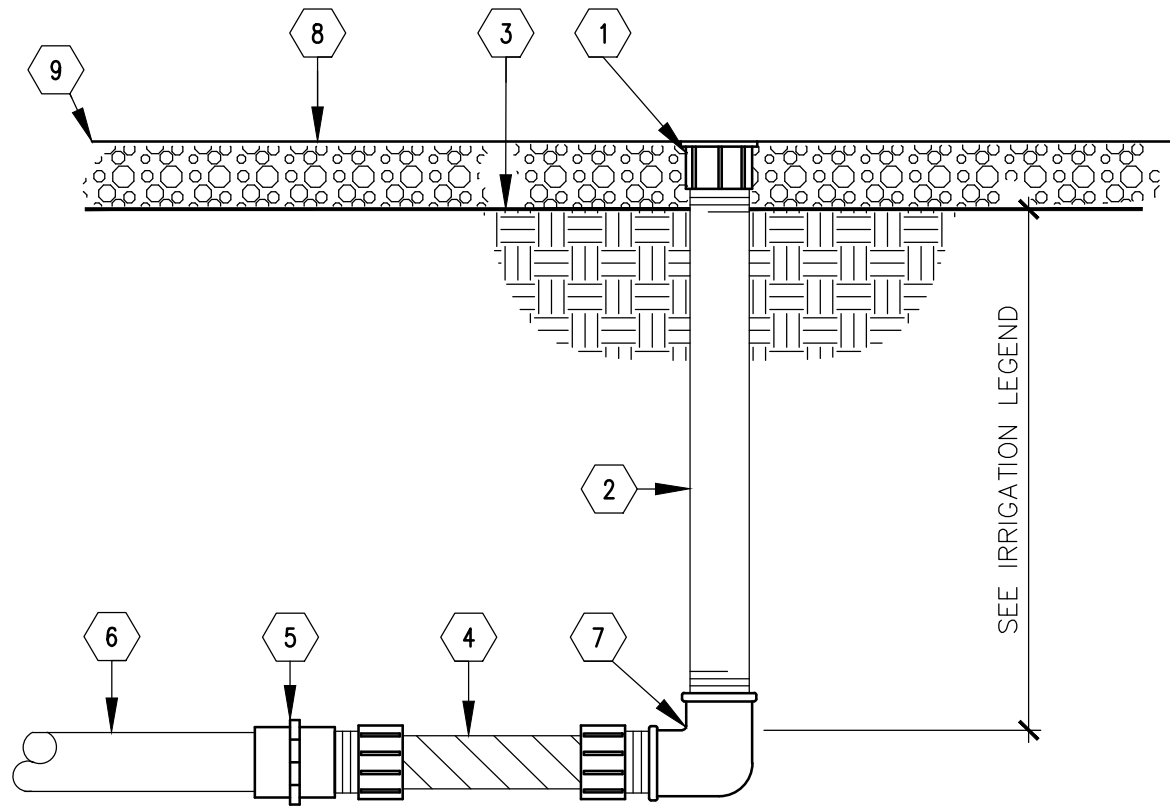
RECORD DRAWINGS
DATE: 09/25/2015



KEYED NOTES

1. IRRIGATION CONTROLLER WITH PEDESTAL, SEE IRRIGATION LEGEND. INSTALL TO MANUFACTURE STANDARDS
2. 4000 PSI CONCRETE BASE. 8" MINIMUM THICKNESS. ALL EDGES SHALL BE TOOLED WITH 1/2" RADIUS
3. 4" RIGID PVC LONG SWEEP ELL. EXTEND 12" BEYOND ADJACENT WALKS
4. 24-VOLT WIRES FROM CONTROLLER TO AUTOMATIC VALVES, SEE SPECIFICATIONS
5. FINISH GRADE.
6. 120-VOLT SERVICE IN CONDUIT, PER N.E.C.

A IRRIGATION CONTROLLER AND PEDESTAL
NTS

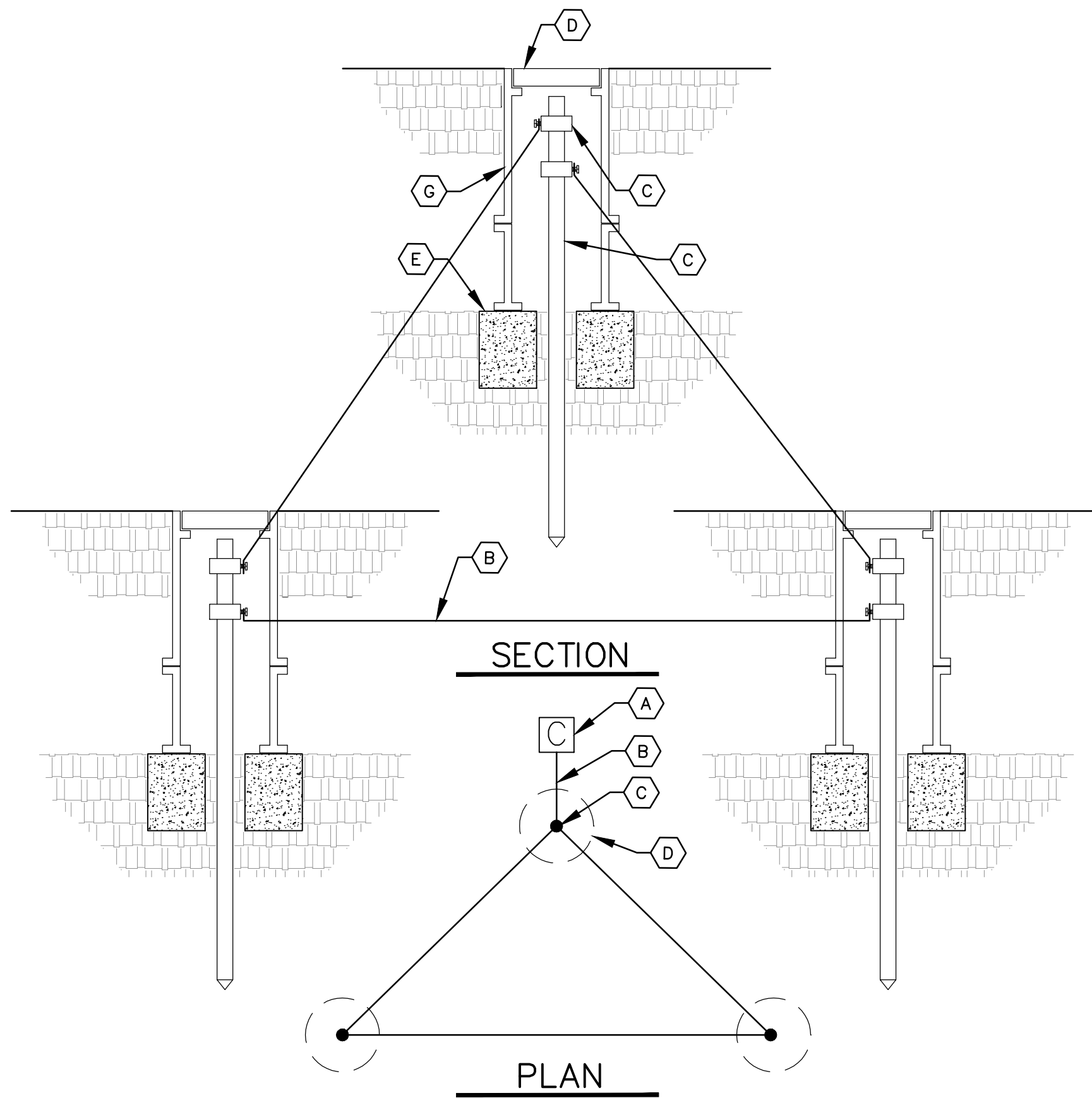


KEYED NOTES

1. PRESSURE COMPENSATING BUBBLER (SEE LEGEND)
2. 1/2" SCH 80 PVC THREADED NIPPLE, LENGTH AS REQUIRED
3. TOP OF GRADE
4. 1/2" X 6" PVC FLEX NIPPLE
5. 3/4" X 1/2" SCH. 40 PVC FEMALE ADAPTER
6. PVC LATERAL PIPING
7. 1/2" SCH 40 PVC THREADED ELBOW
8. TOP OF MULCH, SEE PLANTING NOTES FOR DEPTH OF MULCH
9. FINISH GRADE, SEE PLAN

NOTE: TOP OF BUBBLER TO BE FLUSH WITH TOP OF MULCH

B BUBBLER ASSEMBLY
SCALE: N.T.S.



SECTION

PLAN

GENERAL NOTES

1. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER TO VERIFY THAT IT MEETS THE MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.
2. CONTRACTOR SHALL INSTALL ONE .25 GPM BUBBLER ADJACENT TO EACH GROUNDING ROD AS NOTED ON THE IRRIGATION PLAN.

KEYED NOTES

- A IRRIGATION CONTROLLER, SEE IRRIGATION LEGEND.
- B #10 AWG WIRE FROM IRRIGATION CONTROLLER TO GROUND ROD CLAMP. WIRE SHALL BE INSTALLED STRAIGHT AND TAUT.
- C 8' LENGTH GROUND ROD, PLACE IN IRRIGATED AREA A MINIMUM OF 16' FROM ONE ANOTHER W/ ONE ROD A MIN. 12' FROM CONTROLLER. (OPTION: REPLACE GROUNDING RODS W/ 1 EA. 1/8" X 12" X 18" COPPER, BURIED @ 12" DEPTH. SOLDER #6 BARE COPPER WIRE TO PLATE).
- D 7" DIAMETER x 9" DEEP BROOKS 700 SERIES VALVE BOX WITH COVER.
- E 8"x8"x16" SOLID CMU BLOCK.
- F GROUND ROD CLAMP
- G DRILL A SMALL OPENING IN VALVE BOX TO MAINTAIN WIRE TAUTNESS.

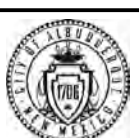
C CONTROLLER GROUNDING DETAIL
NTS

RECORD DRAWING

SEPTEMBER 2015

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CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
DETAILS SHEET

Design Review Committee

City Engineer Approval

Last Design Update

Mo./Day/Yr.

Mo./Day/Yr.

City Project No.

757591

Zone Map No.

N-8

Sheet

16

Of

21

REVISIONS

REMARKS

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5/20/2014

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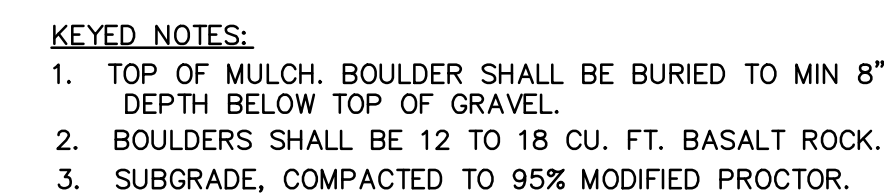
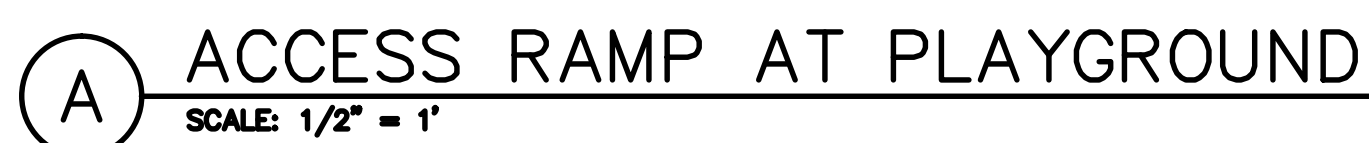
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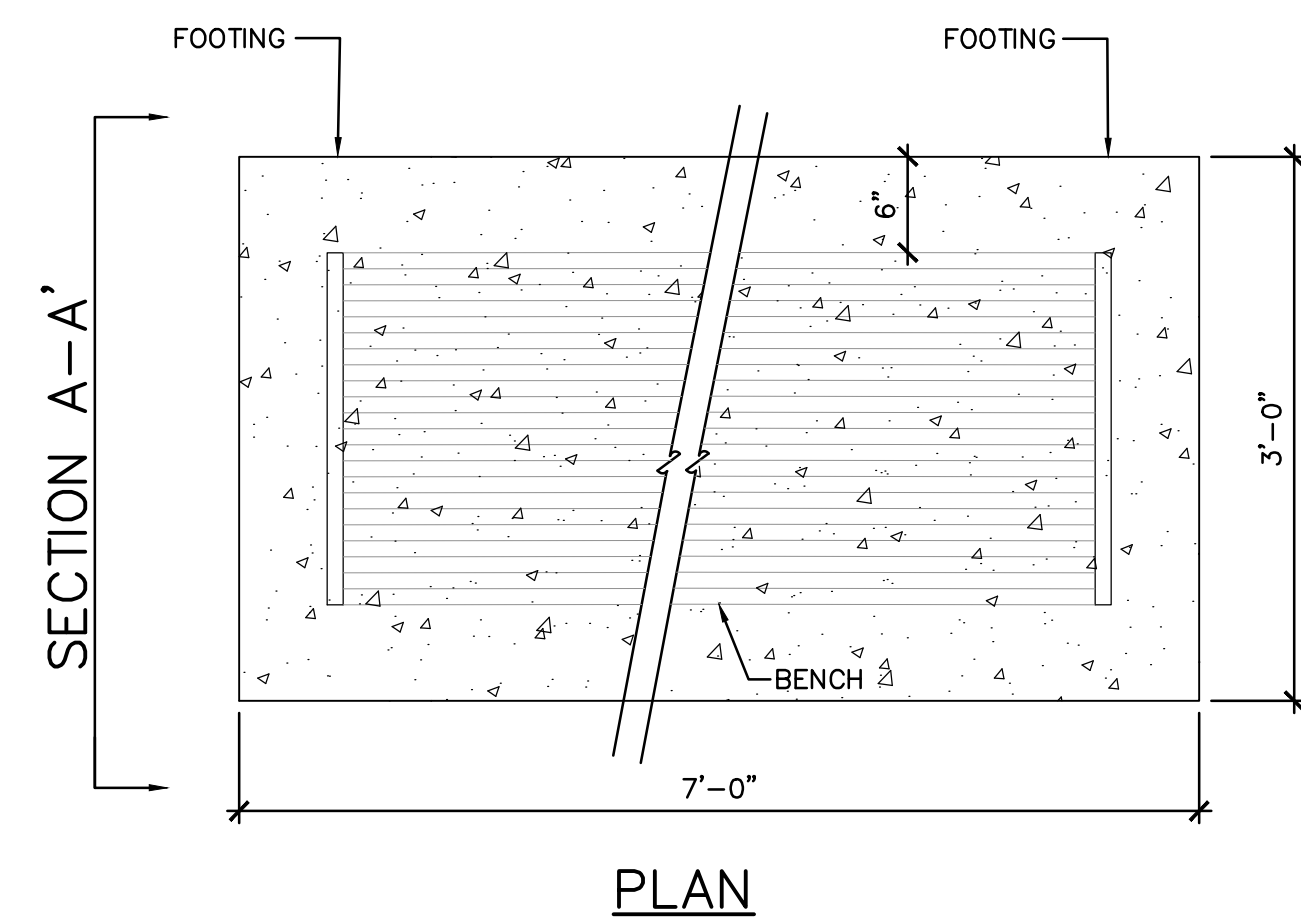
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LANDSCAPE BOULDER
SCALE: N.T.S.



D BENCH DETAIL
1" = 1'



RECORD DRAWING

SEPTEMBER 2015

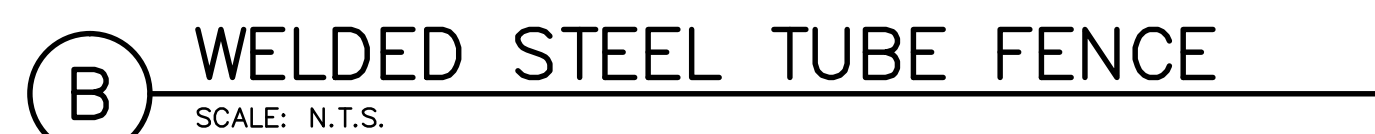
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 <p>MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS</p> <p>210 La Veta NE, Albuquerque, NM 87108 505.268.2286 FAX 505.265.9637 mrw@mrwmn.com</p>									
<div style="float: right; width: 15%;"> DESIGNED BY GM DRAWN BY AT CHECKED BY GM </div> NO. DATE									
 <h2 style="text-align: center;">CITY OF ALBUQUERQUE</h2> <h3 style="text-align: center;">STRATEGIC PLANNING AND DESIGN</h3> <h3 style="text-align: center;">PARKS AND RECREATION DEPARTMENT</h3>									
<h1>SIERRA SUNSET PARK</h1> <h2>DETAILS SHEET</h2>									
Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.		Mo./Day/Yr.		
City Project No. <div style="font-size: 2em;">757591</div>		Zone Map No. <div style="font-size: 2em;">N-8</div>		Sheet		Of			
				17		21			

RECORD DRAWINGS
DATE: 09/25/2015

SIERRA SUNSET PARK

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014



- ## LEGEND

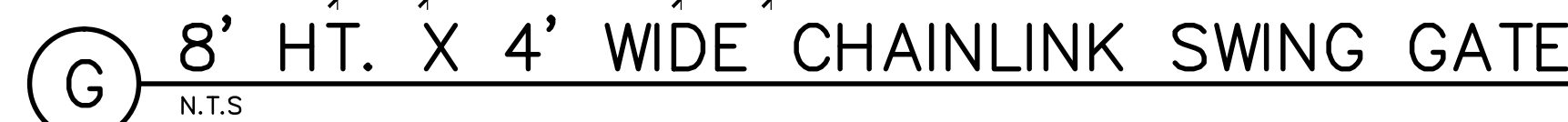
LINE POST	LINE POST FOOTING	TERMINAL/END POST	TERMINAL/END POST FOOTING
2" O.D. SS20	18" X 18"	2 1/2" O.D. SS40	24" X 12"

(F) 8' CHAINLINK FENCING
N.T.S



1. RISERS ARE TO BE EQUAL HEIGHT AND SPACING, PROVIDE RISERS AS SHOWN ON SITE PLANS.
2. RISERS SHALL HAVE MEDIUM BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
3. TREAD DEPTH NOT TO BE LESS THAN 11"
4. WELD AND GRIND SMOOTH ALL JOINTS, PRIME PIPE COMPLETELY WITH RED OXIDE PRIMER AND FINISH WITH TWO COATS OF EXTERIOR FLAT LATEX PAINT, COLORED: X.

(E) STAIRS WITH CHEEK WALL AND RAILS
3/4" = 1'



KEYED NOTES

1. 1" SQUARE GALVANIZED TUBING TOP RAIL WITH 1/8" THICK WALLS.
2. 3/16" X 5/8" X 40" STRETCH BAR.
3. POST TOP CAP.
4. TENSION BANDS - 15" O.C. MAX.
5. 9 GAUGE 1/2" MESH FABRIC. KNUCKLE & KNUCKLE BOTH SIDES.
6. 3,000 PSI CONCRETE FOOTING.
7. 1" SQUARE GALVANIZED TUBING BOTTOM RAIL WITH 1/8" THICK WALLS.
8. 95% COMPACTED SUBGRADE.
9. TERMINAL / END POST.
10. COMPRESSION BRACE 1 5/8" O.D.
11. 1-5/8" OUTSIDE DIAMETER MIDDLE RAIL (SS20).
12. HINGE.
13. 1" SQUARE GALVANIZED TUBING SIDE POST WITH 1/8" THICK WALLS.
14. FULCRUM LATCH AND DROP BAR.

NOTE:

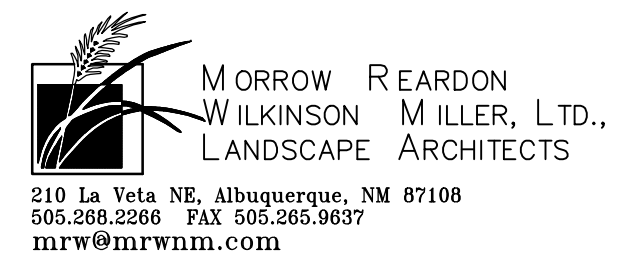
1. RAILINGS SHALL BE WELDED TO SIDE POSTS.
2. PROVIDE FULCRUM LATCH AND DROP BAR. LOCK WILL BE PROVIDED BY OWNER.

LEGEND

TERMINAL/END POST	TERMINAL/END POST FOOTING
3" O.D. SS40	3'-0" X 12"

RECORD DRAWING
SEPTEMBER 2015

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PARKS AND RECREATION DEPARTMENT

SIERRA SUNSET PARK
DETAILS SHEET

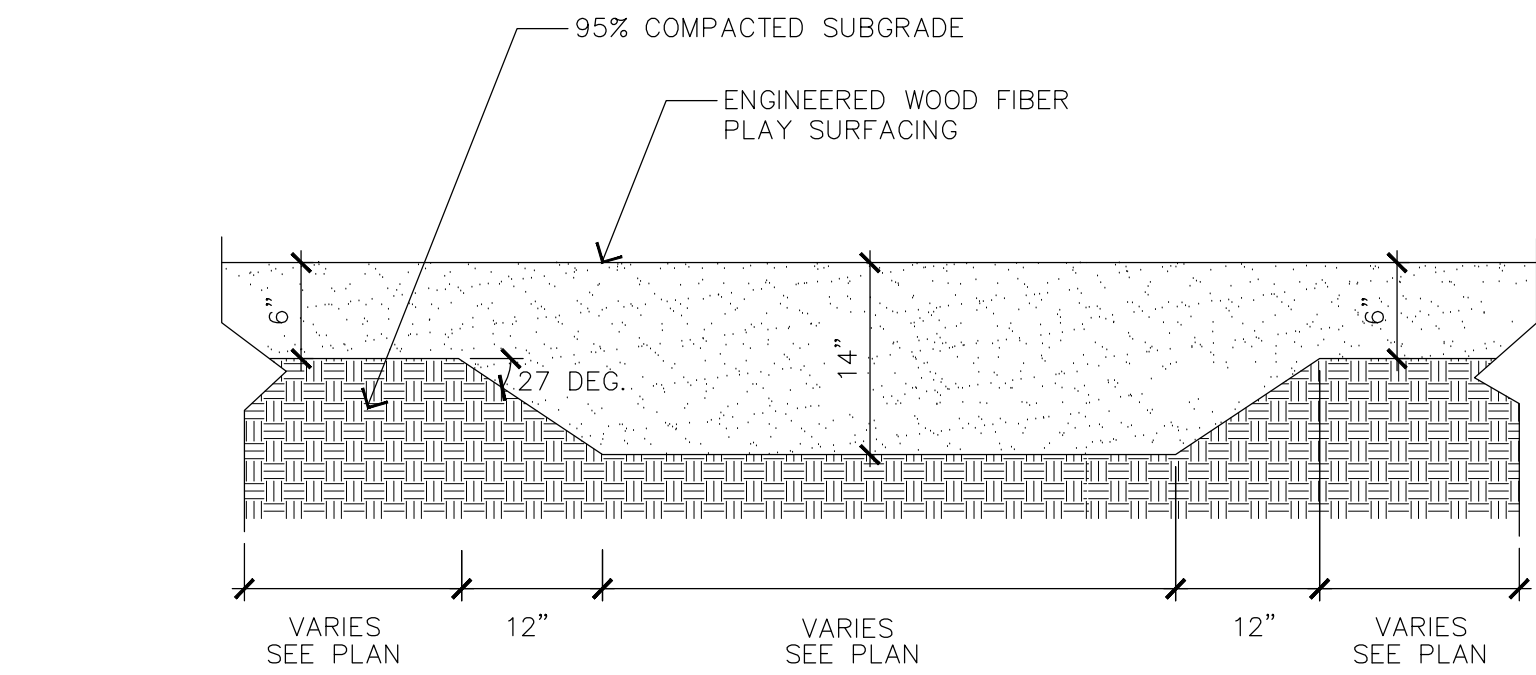
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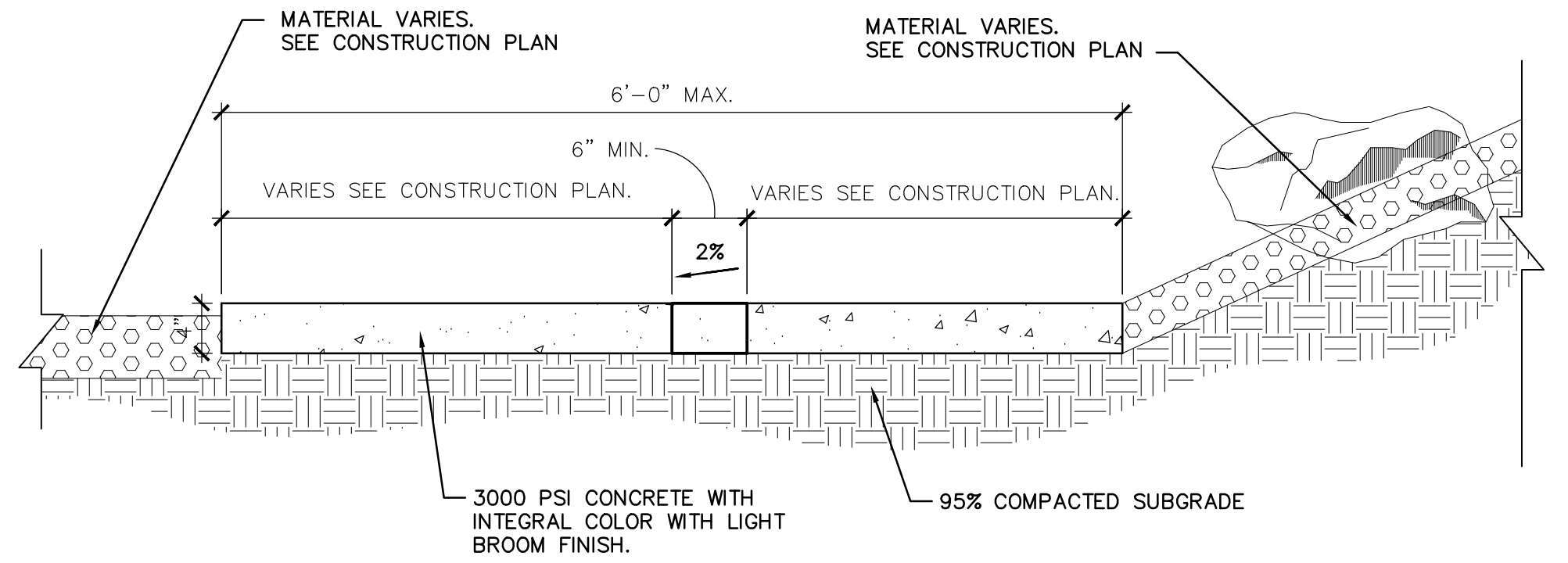
SIERRA SUNSET PARK

PROJECT# 757591

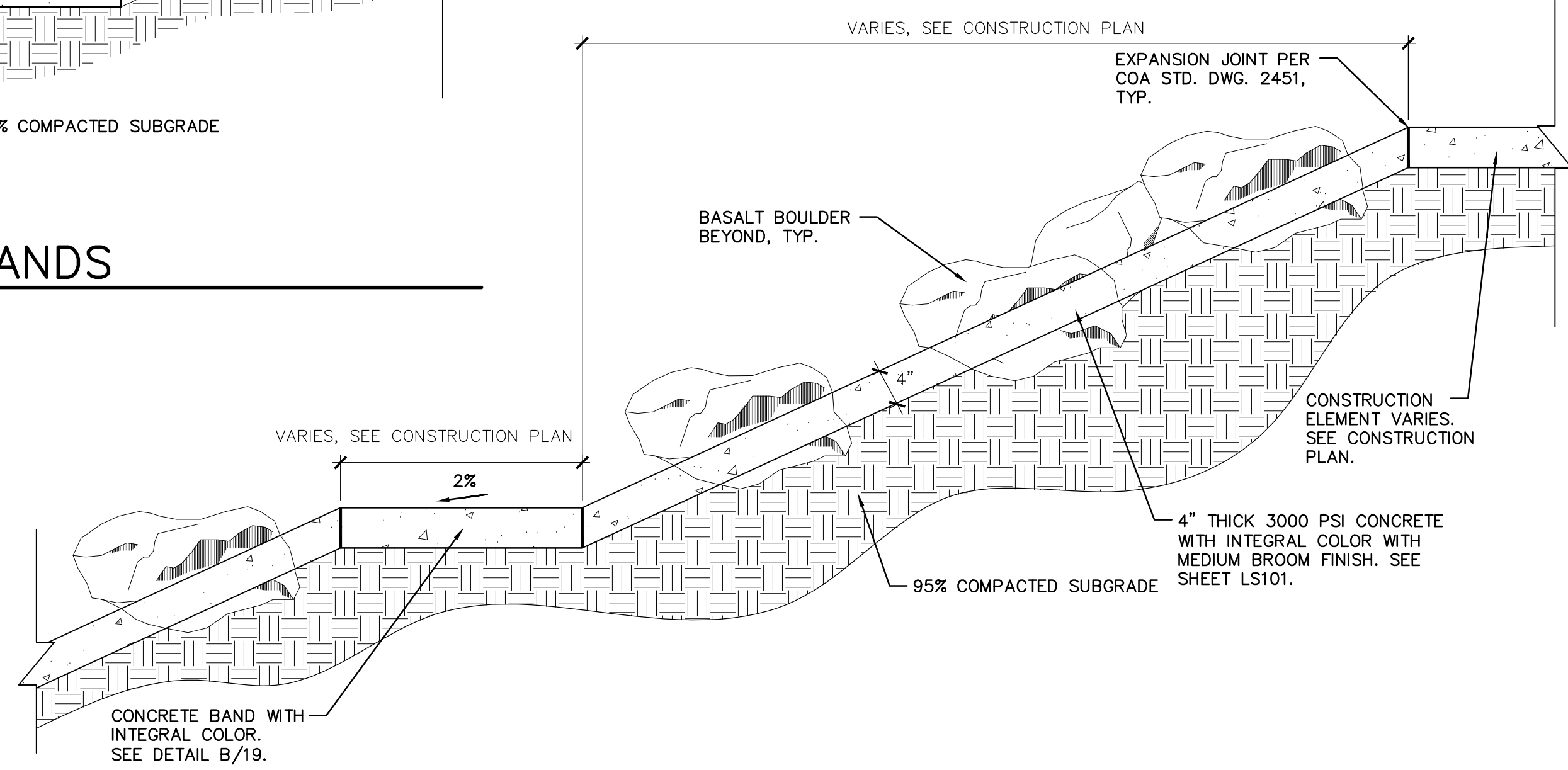
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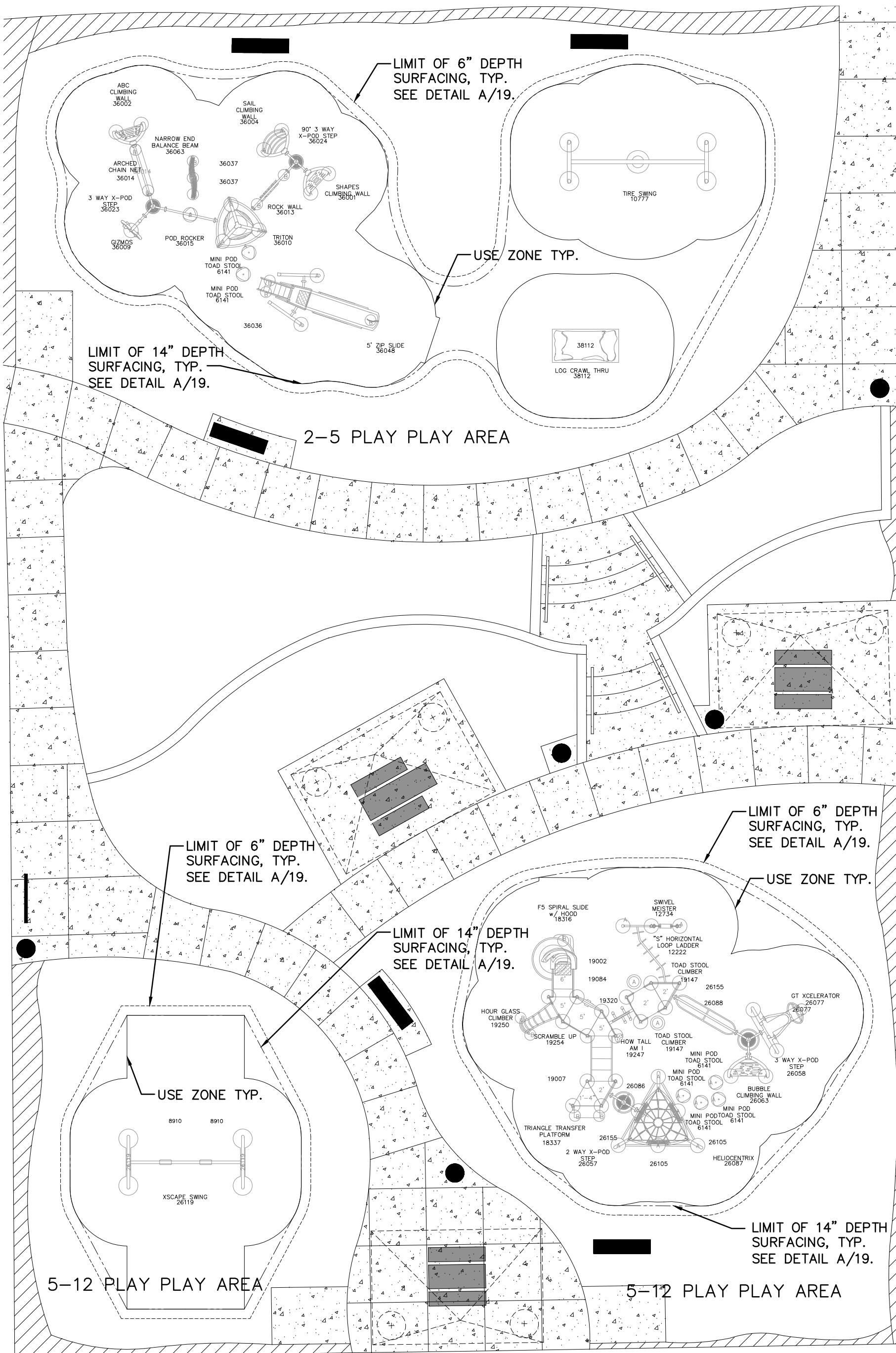
A ENGINEERED WOOD FIBER MULCH DETAIL
SCALE: N.T.S.



B VARYING WIDTH CONCRETE BANDS
1" = 1'-0"



C PAVED SLOPE WITH INTERMITTEN BOULDERS
1" = 1'-0"



D PLAYGROUND LAYOUT ENLARGEMENT
1" = 10'-0"

PLAY EQUIPMENT COLOR SCHEME:	
GAMETIME PLAY PALETTE	— FRESH
PLASTIC COMPONENTS	— BEIGE
UPRIGHT COMPONENTS	— GREEN
METAL COMPONENTS	— SPRING GREEN
DECK COMPONENTS	— BROWN

GAMETIME CUSTOM PLAY STRUCTURE 5-12: PROJ. #P50386		
AS AVAILABLE FROM TRIPLE M RECREATION PH# 480-315-9103. THIS LIST IS PROVIDED FOR REFERENCE. CONTRACTOR SHALL FURNISH AND INSTALL PLAY EQUIPMENT AS DETAILED IN THE MANUFACTURER'S DESIGN AND CONSTRUCTION DRAWINGS FOR THE NOTED NUMBER.		
QTY.	COMPONENT	MODEL NUMBER
1	ECHO CHAMBER ASSEMBLY	4842
4	MINI POD TOAD STOOL	6141
3	3 1/2" UPRT ASSEMBLY ALUMINUM 8'	12023
1	3 1/2" UPRT ASSEMBLY ALUMINUM 9'	12024
6	3 1/2" UPRT ASSEMBLY ALUMINUM 10'	12025
4	3 1/2" UPRT ASSEMBLY ALUMINUM 11'	12026
2	3 1/2" UPRT ASSEMBLY ALUMINUM 12'	12027
1	1" — 6" / 2'-0" HORIZONTAL LOOP ATT	12222
1	SWIVEL MEISTER	12734
2	36" SQ PUNCHED DECK P/T 1.3125	18200
4	36" TRI PUNCHED DECK P/T	18201
1	5'-0" F5 SPIRAL SLIDE	18316
1	36" TRI TRANSFER PLATFORM	18337
1	SINGLE GIZMO PANEL	19002
1	TRANSFER SYSTEM WITH BARRIER (3' RISE)	19007
1	ASHIKO	19084
2	TOAD STOOL	19147
1	HOW TALL AM I	19247
1	HOUR GLASS CLIMBER (3' THRU 5')	19250
1	SCRAMBLE UP (4"-6" & 5')	19254
1	ERGO LINK (3' RISE)	19320
1	2 WAY X-POD STEP	26057
1	3 WAY X-POD STEP	26058
1	BUBBLE CLIMBING WALL ATTACHMENT	26063
1	XCELERATOR	26077
1	HELIOCENTRIX SUPPORT RUNG (WITH TAB)	26086
1	HELIOCENTRIX	26087
1	TRI LADDER	26088
6	TRIANGULAR SHROUD	26094
2	HELIOCENTRIX SUPPORT RUNG (WITHOUT TAB)	26105
2	PT CROSS BEAM (CONNECT PT TO XSCAPE)	26155
1	3 1/2" UPRT ASSEMBLY GALV 9'	G12024
1	3 1/2" UPRT ASSEMBLY GALV 10'	G12025
1	GAME TIME — XSCAPE SWING	26119
2	GAME TIME — BELT SEAT 3 1/2" OD (8910)	8910

PLAY EQUIPMENT AND SURFACE NOTES:

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO INSTALL AND CONSTRUCT ALL PLAY EQUIPMENT AND SITE FURNISHINGS AS SPECIFIED AND DESCRIBED ON THIS PLAN.
2. THE GROUND SPACE AND USE ZONE (UZ) FOR EACH PIECE OF PLAY EQUIPMENT ARE SHOWN ON THE PLAN. THE GROUND SPACE IS THE ACTUAL SPACE THAT THE EQUIPMENT OCCUPIES. THE USE ZONE IS THE REQUIRED OBSTACLE FREE SURFACE AROUND THE EQUIPMENT. THE USE ZONE FOR STATIONARY PLAY EQUIPMENT SHALL EXTEND NO LESS THAN 6' FROM ALL SIDES OF THE PLAY STRUCTURE. IN INSTANCES WHERE THE USE ZONE EXTENDS BEYOND 6' FROM A SPECIFIC SIDE OF A STRUCTURE, THE REQUIRED LENGTH OF EXTENSION IS SHOWN ON THE PLAN.
3. THE USE ZONES FOR ANY TWO ADJACENT PLAY STRUCTURES SHALL NOT OVERLAP
4. PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL PROVIDE AN "AS-BUILT" DRAWING WHICH DOCUMENTS THAT EACH PIECE OF PLAY EQUIPMENT IS CONSTRUCTED WITH THE REQUIRED USE ZONE AND THAT NO USE ZONES OVERLAP.
5. PRIOR TO FINAL ACCEPTANCE BY THE OWNER THE CONTRACTOR MUST PROVIDE WRITTEN CERTIFICATION THAT EACH PIECE OF PLAY EQUIPMENT HAS BEEN INSPECTED BY AN INDEPENDENT NATIONAL PLAYGROUND SAFETY INSTITUTE (NPSI) CERTIFIED PLAYGROUND AUDITOR, AND THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF EQUIPMENT FULLY COMPLIES WITH THE ASTM F-1487-07 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION (CPSC) HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.
6. ALL PLAY EQUIPMENT SHALL BE INSTALLED BY NATIONAL PLAYGROUND SAFETY INSTITUTE (NPSI) CERTIFIED INSTALLER.

GAMETIME CUSTOM PLAY STRUCTURE 2-5:
PROJ. #P50386

AS AVAILABLE FROM TRIPLE M RECREATION PH# 480-315-9103. THIS LIST IS PROVIDED FOR REFERENCE. CONTRACTOR SHALL FURNISH AND INSTALL PLAY EQUIPMENT AS DETAILED IN THE MANUFACTURER'S DESIGN AND CONSTRUCTION DRAWINGS FOR THE NOTED NUMBER.

QTY.	COMPONENT	MODEL NUMBER
1	ANSWER WHEEL ASSEMBLY	4840
1	ECHO CHAMBER ASSEMBLY	4842
2	MINI POD TOAD STOOL	6141
9	TRIANGULAR SHROUD	26094
1	SHAPES CLIMBING WALL	36001
1	ABC CLIMBING WALL	36002
1	SAIL CLIMBING WALL	36004
1	GIZMO	36009
1	TRITON	36010
1	ROCK WALL LINK	36013
1	ARCHED CHAIN NET LINK	36014
1	POD ROCKER	36015
1	3 WAY X-POD STEP	36023
1	90 DEG 3 WAY X-POD STEP	36024
1	TRITON SUPPORT RUNG	36036
2	TRITON SUPPORT RUNG WITH TAB	36037
1	5' XSCAPE ZIP SLIDE	36048
1	NARROW END BALANCE BEAM	36063
1	LOG CRAWL THRU	38112
1	TIRE SWING F/S, 5" OD	10777

RECORD DRAWING

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SIERRA SUNSET PARK
PLAY AREA DETAILS

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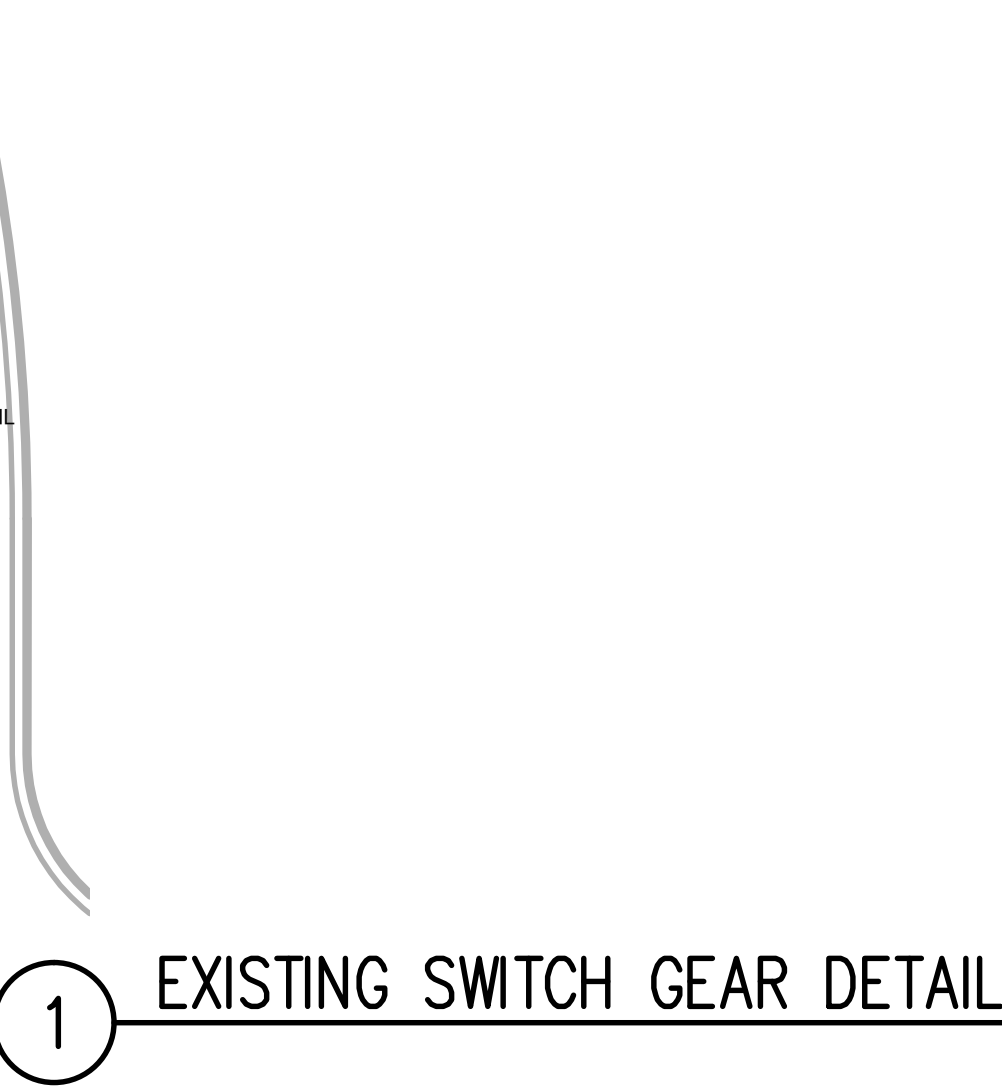
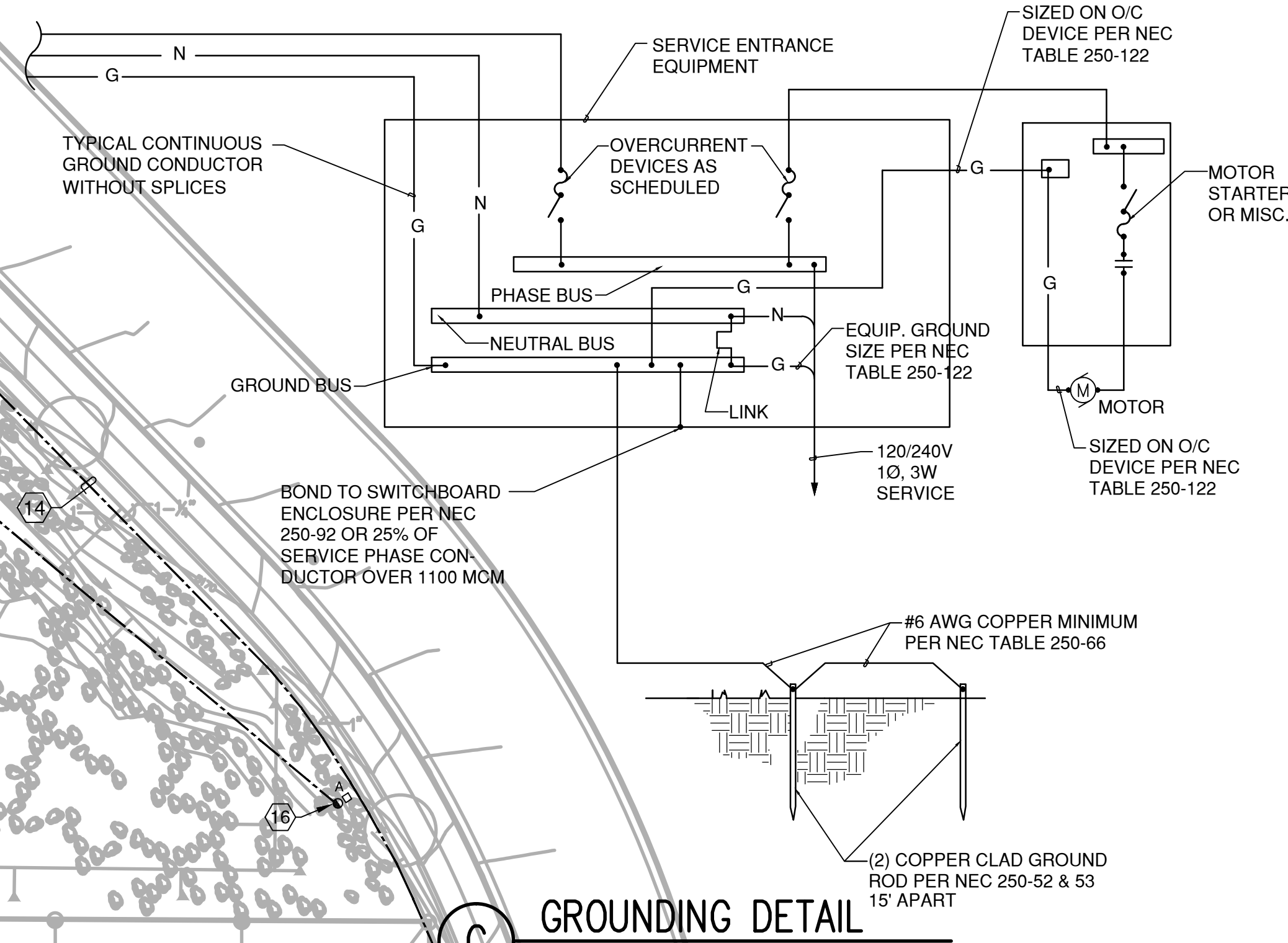
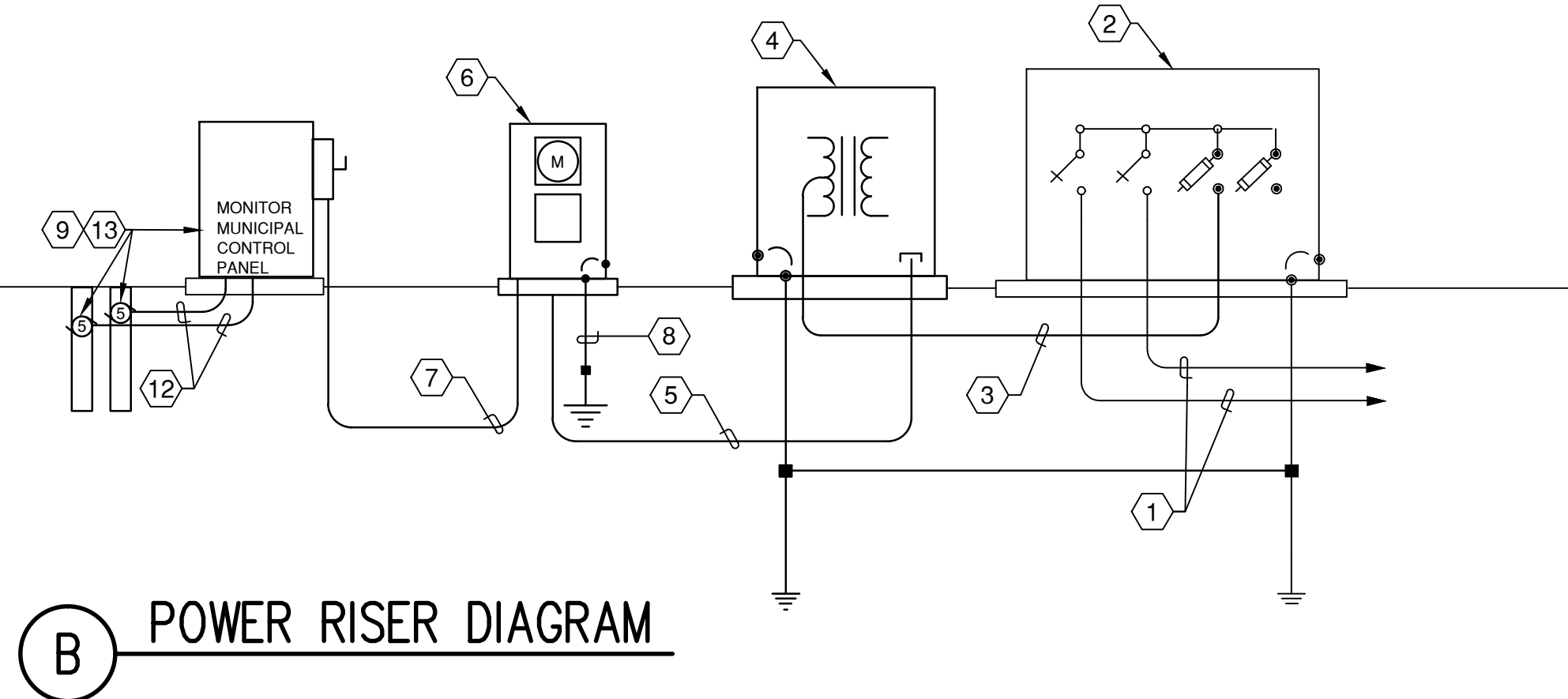
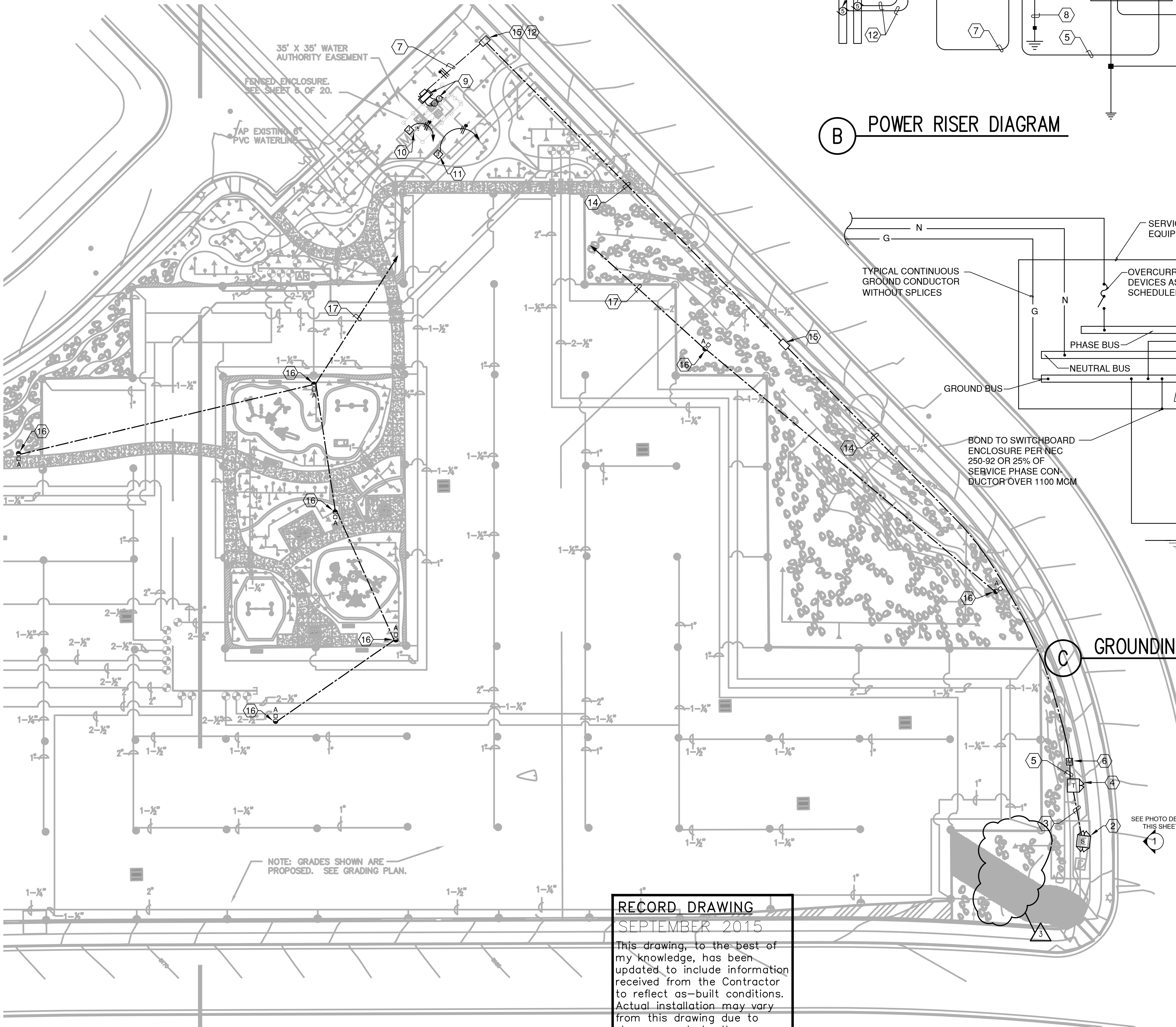
PROJECT# 757591

RECORD DRAWINGS
DATE: 09/25/2015

SIERRA SUNSET PARK

FINAL FOR CONSTRUCTION
DATE: MAY 20, 2014

FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION/ LOCATION	LAMPS		MOUNTING INSTRUCTIONS	REMARKS	
				TYPE	WATTS			
A	US ARCHITECTURAL LIGHTING	#VNDL-LED-VPA-V-80LED-NW-120-1-RAL 8019-T-CP-PC+V	VANDAL RESISTANT LED LUMINAIRE W/ POLYCARBONATE GLOBE	LED	90	1	POLE MOUNT	



- SHEET KEYNOTES
1. EXISTING PNM UNDERGROUND PRIMARY FEEDERS. NO WORK, SHOWN FOR REFERENCE.

2. EXISTING PNM 15KV PAD MOUNTED SWITCHGEAR. PNM TO PROVIDE NEW PRIMARY FEEDER FOR THE NEW PAD MOUNTED TRANSFORMER. COORDINATE WITH PNM AND COMPLY AS REQUIRED.

3. NEW UNDERGROUND PRIMARY BY PNM. PROVIDE TRENCHING, EXCAVATION AND BACKFILL. PROVIDE NEW 4" RIGID GALVANIZED STEEL CONDUIT 42" BELOW FINISH GRADE PER PNM DWG #DS-7-15.4 (SINGLE PHASE PAD MOUNTED TRANSFORMER FROM PAD MOUNTED SWITCHGEAR. COORDINATE WITH PNM AND COMPLY AS REQUIRED.

4. NEW PNM SINGLE PHASE PAD MOUNT TRANSFORMER. PROVIDE NEW CONCRETE PAD PER PNM DWG #DS-7-16.1 (25-167 KVA 1PH BOX PAD). COORDINATE LOCATION IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO ROUGH-IN DUE TO RE-GRADING AND SLOPES IN THE CLOSE PROXIMITY TO THE PROPOSED TRANSFORMER LOCATION.

5. NEW SECONDARY SERVICE ENTRANCE CONDUCTORS, 3#2 THHN/THWN (CU) IN 1.5"C, MINIMUM 36" BELOW FINISH GRADE. LEAVE 6" OF EXCESS CONDUCTOR AT THE SECONDARY COMPARTMENT OF THE PAD MOUNT TRANSFORMER FOR TERMINATION BY PNM.

6. NEW METER PEDESTAL WITH 100A/2P MAIN CIRCUIT BREAKER. REFER TO THE METER PEDESTAL DETAILS ON SHEET 21 OF 21.

7. NEW 2#2 THHN/THWN (CU) + 1#6 THHN/THWN (CU) GR IN 1"C FROM THE METER PEDESTAL TO THE BOOSTER PUMP MONITOR MUNICIPAL CONTROLS DISCONNECT SWITCH.

8. NEW 1#2 BSD (CU) SERVICE GROUND IN 1"C TO TWO (2) DRIVEN COPPERCLAD GROUND RODS, .75" X 10'-0". REFER TO THE GROUNDING PLAN THIS SHEET.

9. BOOSTER PUMP CONTROL PANEL AND ENCLOSURE. PROVIDE A 240V, 100A-2P +S/N FUSIBLE DISCONNECT SWITCH IN NEMA 3 ENCLOSURE. FUSE PER MANUFACTURER'S SPECIFICATIONS. PROVIDE ALL EQUIPMENT, WIRING AND CONNECTIONS AS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION. REFER TO THE LANDSCAPE DRAWINGS FOR DETAILS.

10. J-BOX FOR CONNECTION TO THE BACKFLOW PREVENTER HEATER. PROVIDE 20A 120V CONNECTION AND WIRING. PROVIDE MINIMUM #6 THHN/THWN CONDUCTORS TO THE METER PEDESTAL. REFER TO KEYNOTE 14.

11. J-BOX FOR CONNECTION TO THE IRRIGATION SYSTEM CONTROLLER. PROVIDE 20A 120V CONNECTION AND WIRING. PROVIDE MINIMUM #6 THHN/THWN (CU) CONDUCTORS TO THE METER PEDESTAL. REFER TO KEYNOTE 14.

12. COIL SPARE CONDUCTORS IN THE PULL BOX FOR FUTURE EXTENSION.

13. NOT USED.

14. BRANCH CIRCUITS FROM THE METER PEDESTAL TO THE PULL BOX AS FOLLOWS: 2#2 THHN/THWN (CU) + 1#6 THHN/THWN (CU) FOR THE BOOSTER PUMP; 2#6 THHN/THWN (CU) + 1#6 THHN/THWN (CU) GR IN 1.25"C FOR THE HOT BOX AND IRRIGATION SYSTEM CONTROLLER; 4#4 THHN/THWN (CU) + 3#6 THHN/THWN (CU) IN 1.25"C FOR SPARES (FUTURE LIGHTING AND POWER).


15. QUAZITE PULL BOX.

16. PROVIDE NEW TYPE "A" LUMINAIRE. INSTALL ON 15' POLE FURNISHED BY OWNER.

17. NEW 2#10 THHN/THWN (CU) + 1#10 THHN/THWN (CU) GR IN .75"C. EXTEND TO EXISTING PULL BOX AND CONNECT TO SPARE 20A/1P CIRCUIT.

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		CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT			
SIERRA SUNSET PARK ELECTRICAL PLAN					
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.	
City Project No.		Zone Map No.		Sheet	Of
757591		N-8		20	21

