

HIGHLAND PARK RENOVATION RECORD DRAWINGS - APRIL 21, 2017



CITY OF ALBUQUERQUE

PARKS & RECREATION DEPARTMENT

Strategic Planning and Design

Date of Record Drawings:

Parks & Recreation Department - Owner

Property Information

Property Address: 800 SILVER SE

Zone: K-14, K-15 Park Acres: 3.3

Existing Turf Acres: 2.3

New Turf Acres: -

Post Renovation Total Turf Acreage: 2.1

Legal Description

Terrace Addition, Highland Park.

Index of Drawings

Cover Sheet G101 General Notes G102 LD101 **Demolition Plan** LS101 Construction Plan

LS102 Southwest Corner Enlargement

Coordinate Plan LS103

Coordinate Plan - Parking Plaza Enlargement LS104

Coordinate Plan - Playground Enlargement LS105

LS106 **Grading Plan** LI101 Irrigation Plan LP101 Planting Plan

LS501 **Construction Details**

LS502 **Construction Details** LS503

Construction Details LS504 **Construction Details**

LI501 Irrigation Details



505 268 2266 mrwmla.com

DATE USER DEPARTMENT DATE

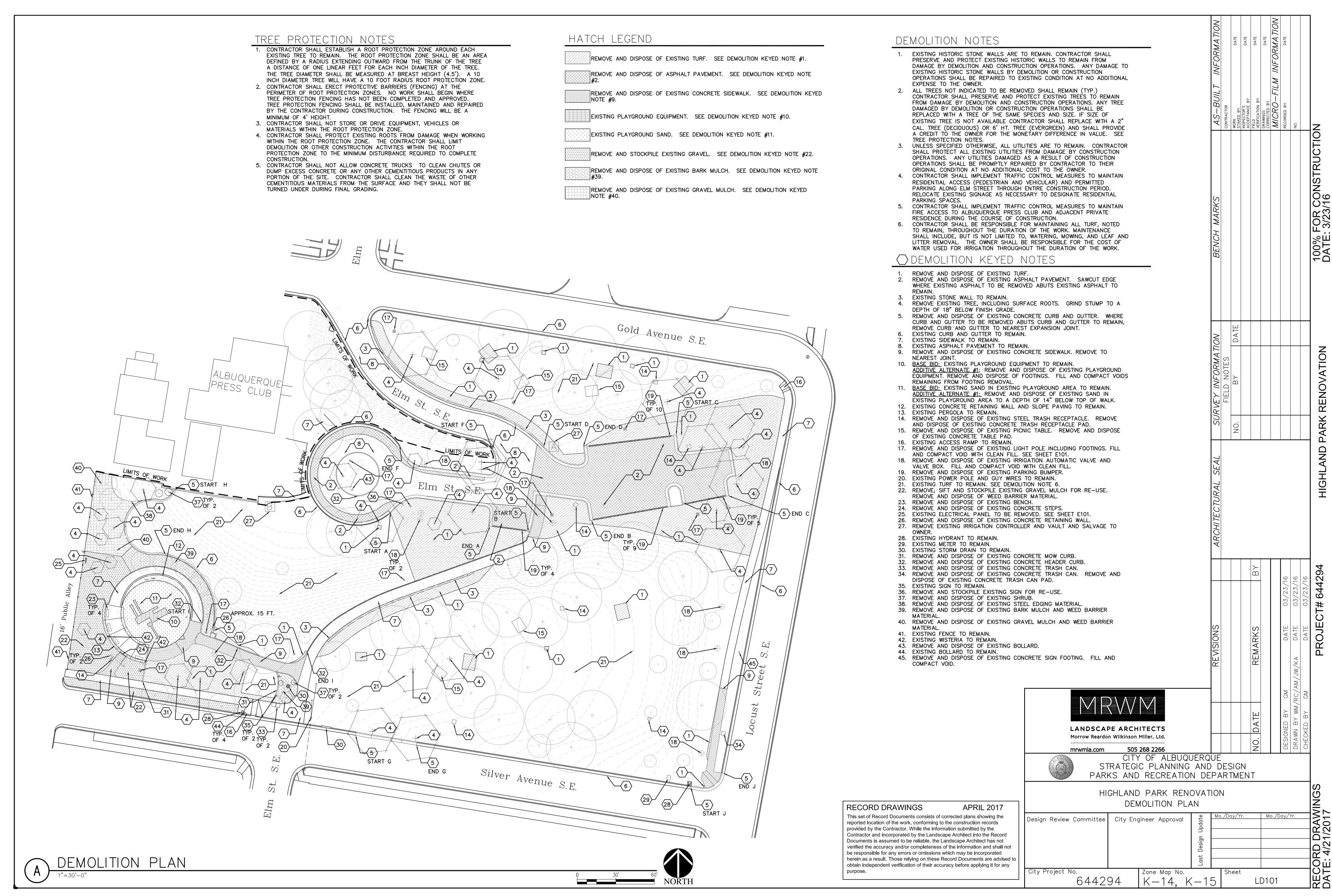
	REV.	SHEETS							
		NEER'S IP & SIGN <i>A</i>	ATURE	APPROV	ED	ENGINEER	DATE		
APRIL 2017 ected plans showing the									
construction records on submitted by the									
Architect into the Record scape Architect has not									
ne information and shall not h may be incorporated									
rd Documents are advised to y before applying it for any					PRO	JECT # 64429	4	G101	

USER DEPARTMENT

CITY ENGINEER

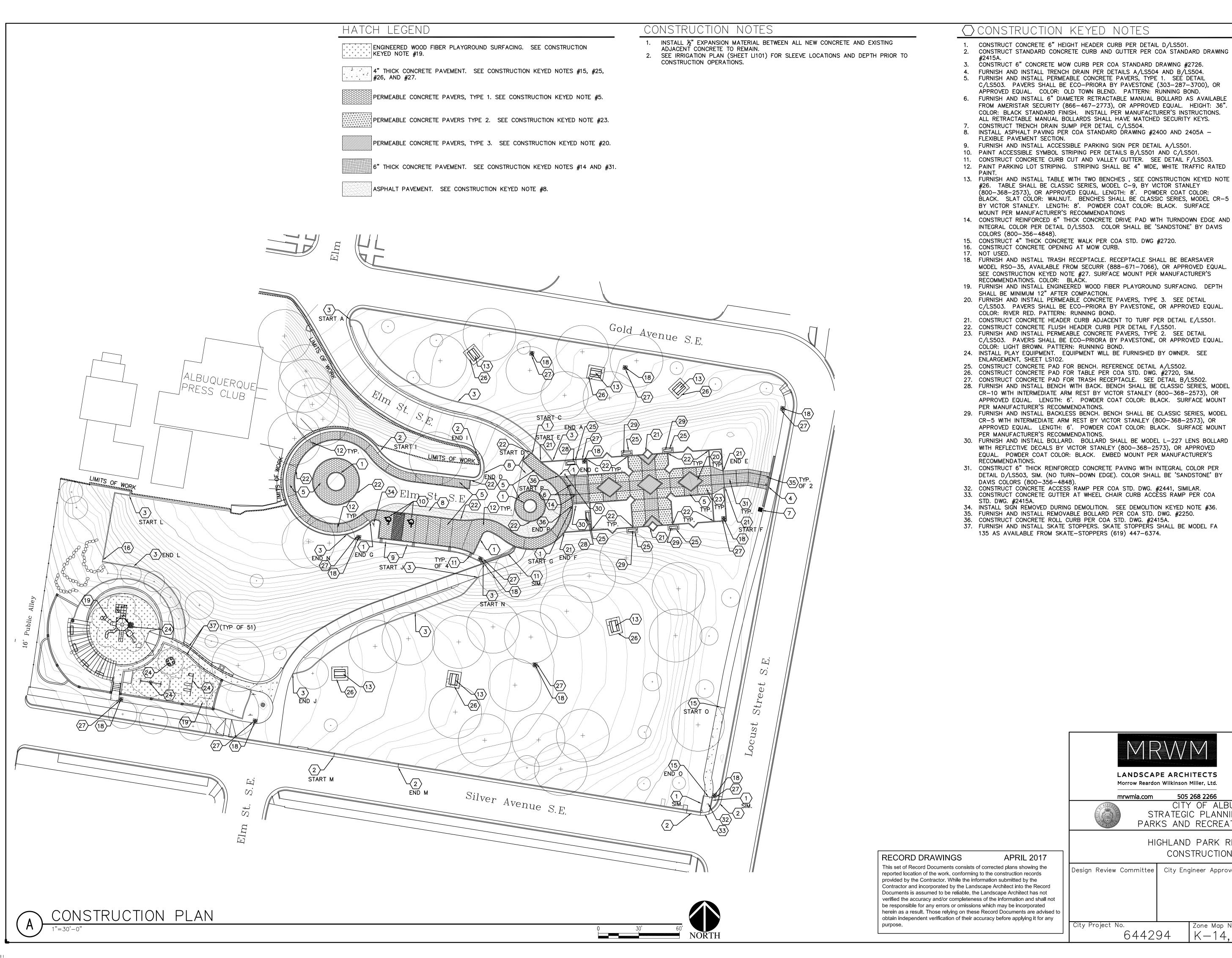
RECORD DRAWINGS reported location of the work, conforming to the c herein as a result. Those relying on these Record obtain independent verification of their accuracy b

GENERAL NOTES 1. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE CITY SURVEY SECTION MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION. 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED, FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 ED. INCLUDING UPDATE NO. 9. 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF 4. SUBGRADE PREPARATION UNDER SIDEWALKS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER SHALL BE INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR 5. THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. SEE SECTION 18 "UTILITIES", CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS. 6. REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK SHALL BE TO THE NEAREST SUITABLE JOINT UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. 7. THE CONTRACTOR SHALL NOTIFY THE NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS. 8. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY. 9. AN EXCAVATION / CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY 10. ALL NEW SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF 11. ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS, SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES AND THESE SHORING, SHEETING, AND SUPPORTS ARE CONSIDERED INCIDENTAL TO THIS PROJECT. ANY DAMAGE TO EXISTING UTILITIES SHALL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. 12. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING COA INFRASTRUCTURE (C & G, PAVING, ETC.) DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED BY APPLICABLE CITY, 14. CONTRACTOR SHALL RECORD DATA ON ALL IRRIGATION AND ELECTRICAL LINES INSTALLED BELOW-GRADE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED. 15. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT HTTP://WWW.ABCWUA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEDURES.ASPX. 16. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN FINAL ACCEPTED BY THE CITY. 17. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY. CONTRACTOR SHALL ERECT TEMPORARY CHAIN LINK CONSTRUCTION FENCE. SUCH FENCE SHALL BE MAINTAINED HIGH THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD AND REMOVED ONLY UPON FINAL ACCEPTANCE OF THE PROJECT BY THE CITY. 19. CONTRACTOR SHALL INSTALL ALL FURNISHINGS, FENCES, SPORTS EQUIPMENT, SHADE STRUCTURES, AND OTHER MISCELLANEOUS SITE FURNISHINGS WITH TAMPER PROOF HARDWARE UNLESS OTHERWISE NOTED ON THE PLANS. IN LIEU OF TAMPER PROOF HARDWARE, CONTRACTOR MAY SPOT WELD OR LIQUID WELD HARDWARE UPON PRIOR APPROVAL BY THE OWNER. CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR TAMPER PROOF HARDWARE AND/OR LIQUID WELD PRODUCTS. CONTRACTOR SHALL PAINT TO MATCH ANY SPOT WELDS. CONTRACTOR SHALL CUT OFF BOLT ENDS THAT EXTEND BEYOND 2 THREADS PAST THE NUT. ALL PLAY AREA EQUIPMENT SHALL BE INSTALLED WITH THE MANUFACTURER'S RECOMMENDED HARDWARE. 20. CONTRACTOR SHALL KEEP SITE CLEAN AND FREE OF ALL DEBRIS. LANDSCAPE ARCHITECTS Morrow Reardon Wilkinson Miller, Ltd. mrwmla.com 505 268 2266 CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT HIGHLAND PARK RENOVATION GENERAL NOTES RECORD DRAWINGS **APRIL 2017** DRAW 1/2017 This set of Record Documents consists of corrected plans showing the | Design Review Committee | City Engineer Approval reported location of the work, conforming to the construction records provided by the Contractor. While the information submitted by the Contractor and incorporated by the Landscape Architect into the Record RECORD DATE: 4/27 Documents is assumed to be reliable, the Landscape Architect has not verified the accuracy and/or completeness of the information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Those relying on these Record Documents are advised to obtain independent verification of their accuracy before applying it for any City Project No. purpose. Zone Map No. 644294 K-14, K-15 G102



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FOR CONSTRUCTIO: 3/23/16 ENOVATION LANDSCAPE ARCHITECTS Morrow Reardon Wilkinson Miller, Ltd. 505 268 2266 CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT HIGHLAND PARK RENOVATION RECORD DRAWING DATE: 4/21/2017 CONSTRUCTION PLAN City Engineer Approval Zone Map No. 644294 K-14, K-15 LS101

CONSTRUCTION NOTES

1. INSTALL ½" EXPANSION MATERIAL BETWEEN ALL NEW CONCRETE AND EXISTING ADJACENT CONCRETE TO REMAIN.

PLAYGROUND ENLARGEMENT

CONSTRUCTION KEYED NOTES

- 1. CONSTRUCT 6" CONCRETE MOW CURB PER COA STANDARD DRAWING #2726.
- 2. CONSTRUCT 4" THICK CONCRETE WALK PER COA STD. DWG #2720. CONSTRUCT CONCRETE PLAYGROUND WALL PER DETAIL C/LS502. 4. CONSTRUCT CONCRETE PILLAR WITH PRECAST CONCRETE CAP. SEE
- DETAILS D/LS502, E/LS502, F/LS502. 5. FURNISH AND INSTALL TRASH RECEPTACLE. SEE CONSTRUCTION KEYED NOTE #15. RECEPTACLE SHALL BE BEARSAVER MODEL RSO-35, AVAÏLABLE FROM BEAR SAVER, 1-888-428-5255, OR APPROVED EQUAL. SURFACE MOUNT PER MANUFACTURER'S RECOMMENDATIONS. COLOR: BLACK.
- CONSTRUCT CONCRETE ACCESSIBLE PLAY AREA ACCESS RAMP TYPE A PER DETAIL D/LS504.
- CONSTRUCT WELDED TUBULAR STEEL FENCE ON RETAINING WALL. COLOR: BLACK. SEE DETAIL E/LS502. AT TOP OF STEP, END OF FENCE SHALL BE A 2" BY 2" SQUARE POST WITH POST CAP EMBEDDED IN PLAYGROUND WALL.
- CONSTRUCT CONCRETE STEPS WITH RAILING. SEE DETAIL A/LS503. FURNISH AND INSTALL BENCH WITH BACK. BENCH SHALL BE CLASSIC SERIES, MODEL CR-10 WITH INTERMEDIATE ARM REST BY VICTOR STANLEY, OR APPROVED EQUAL. LENGTH: 6'. POWDER COAT COLOR: BLACK. SURFACE MOUNT PER MANUFACTURER'S
- 10. CONSTRUCT TURN DOWN SLAB AT PLAY AREA PER COA STANDARD DRAWING #2728. 11. FURNISH AND INSTALL BACKLESS BENCH. BENCH SHALL BE CLASSIC
- SERIES, MODEL CR-5 WITH INTERMEDIATE ARM REST BY VICTOR STANLEY, OR APPROVED EQUAL. LENGTH: 6'. POWDER COAT COLOR: BLACK. SURFACE MOUNT PER MANUFACTURER'S RECOMMENDATIONS.
- 12. CONSTRUCT CONCRETE SEAT WALL PER DETAIL G/LS502.
- 13. CONSTRUCT CONCRETE ALLEY GUTTER PER COA STANDARD DRAWING #2415A, SIM. FLARE ENDS TO MEET DROP INLET AS SHOWN.
- KEYED NOTE #17. 15. CONSTRUCT CONCRETE PAD FOR TRASH RECEPTACLE. SEE DETAIL B/LS502.

14. CONSTRUCT DROP INLET PER DETAIL E/LS503. SEE CONSTRUCTION

16. EXISTING MOW CURB TO REMAIN.

RECOMMENDATIONS.

- 17. INSTALL 4"CLASS 200 PVC DRAIN LINE FROM PROPOSED INLET TO EXISTING INLET. CONNECT TO EXISTING INLET PER COA STANDARD DRAWING #2237. PIPE ROUTE IS SHOWN DIAGRAMMATICALLY. VERIFY INVERT DEPTH OF EXISTING AREA DRAIN PRIOR TO INSTALLATION TO ENSURE POSITIVE DRAINAGE FROM PROPOSED INLET TO EXISTING.
- 18. CONSTRUCT CONCRETE ACCESSIBLE PLAY AREA ACCESS RAMP TYPE B PER DETAIL B/LS503.

PLAY EQUIPMENT AND SURFACE NOTES:

- 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.
- ENGINEERED WOOD FIBER PLAYGROUND SURFACING SHALL BE CERTIFIED TO BE FULLY COMPLIANT WITH ASTM F-1487-07 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION (CPSC) HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

PLAY STRU	JCTUI	RE COMF	PONENTS LIST (OWNER FURNISHED)
KEYED NOTE # (X)	QTY.	MODEL NUMBER	COMPONENT
1	1	126368E	30" D. EL TUNNEL SLIDE W/O VIEW 72" DK DB
2	1	130390A	DOUBLE SWOOSH SLIDE 72"DK DB
3	1	124863F	SLIDEWINDER2 72" DK DB 1 RIGHT 2 LEFT
4	1	116244A	PIPE BARRIER ABOVE DECK
5	1	111362A	TALK TUBE 40" TUBING KIT PB
6	1	111363A	TALK TUBE AT GRADE MOUNTED
7	1	1113631	TALK TUBE DECK MOUNTED 72" DECK
8	1	111228A	SQUARE TENDERDECK
9	4	111404D	124" ALUMINUM POST DB
10	1	CL151356	PB 2 STEP DECK LINK WITH RECYCLED PLASTIC HANDHOLDS AT DECK. ALL CEDAR BOARDS MOUNTED IN STRAIGHT LINE.
11	1	CL151362	PB 40S STYLE 72" TIRE CLIMBER — 6 POLY TIRES (130911) ATTACHED TO METALLIC SILVER WELDMENTS AND CHAINS. DB
12	1	CL151361	PB 40S STYLE JUNGLE GYM CLIMBER — METALLIC SILVER STL WITH BELT PANELS AND RECYCLED PLASTIC ACCENTS. DB
13	1	CL151361	PB 48I CURVED TRANSFER MODULE WITH RECYCLED BOARD HANDHOLD AT DECK. ALL CEDAR BOARDS, MOUNTED IN STRAIGHT LINE. DB
14	1	CL166733	PB 72I PLAYODYSSEY W/CENTER ACCESS MODIFIED TO HAVE CUSTOM OUTER ROOF POSTS. INCLUDES 8 1821 ALUMINUM ROOF POSTS. DB
15	1	CL151352	PB CORKSCREW CLIMBER WITH RPL HANDHOLDS. ALL CEDAR BOARDS, MOUNTED STRAIGHT LINE. DB
16	1	CL151353	PB RECYCLED PLASTIC STOREFRONT PANEL FOR UNDER 481 DECK. ALL CEDAR BOARDS MOUNTED IN STRAIGHT LINE.
17	1	CL151359	PB RECYCLED WOOD BONGO PANEL AT GRADE. ALL CEDAR BOARDS MOUNTED IN STRAIGHT LINE.
18	1	CL151351	PB RECYCLED WOOD-GRAIN LUMBER PANEL WITH PERISCOPE ATTACHMENT. ALL CEDAR BOARDS MOUNTED IN STRAIGHT LINE.
19	1	CL151358	PB STEELX TIC—TAC—TOE PANEL AT GRADE WITH RECYCLED WOOD PANELING ATTACHED TO FRONT. ALL CEDAR PLANKS.
20	1	CL151360	STEELX PLAYODYSSEY ROOF. DESIGN SIMILAR TO SQUARE STEELX ROOF. USE OUTER POSTS FOR SUPPORT.
21	1	182503C	WELCOME SIGN (LSI PROVIDED). AGES 5-12 YEARS. DIRECT BURY.
22	1	120891	INDEP TIRE SWING WITH 5" ARCHES
23	1	173591	OMNI SPIN SPINNER. DB
24	2	174018A	BELT SEAT. PRO GUARD CHAINS FOR 8' BEAM HEIGHT.
25	1	176038G	FULL BUCKET SEAT. PROGUARD CHAINS FOR 8' BEAM HEIGHT.
26	1	177332A	SINGLE POST SWING FRAME. 8' BEAM HEIGHT ONLY.
27	1	177337A	TODDLER SWING ADD-ON BEAM.
NOTE: PLAY EQUIPMENT	T AVAILAB	LE FROM EXERPLA	Y, INC 1-800-457-5444, OR APPROVED EQUAL.

SEE SHEET LS101 FOR CONSTRUCTION PLAN. START A 13 START START BY START K —(17) END L

PLAY E	QUIPMENT COLOR	SELEC	TIONS	
<u>ITEM</u>	POWDERCOAT COLOR	ROTOMOLDED PLASTIC COMPONENTS	TENDER TUFF COATING	RECYCLED PLASTIC
POSTS	PINE GREEN	N/A	N/A	N/A
CLAMPS	TAN	N/A	N/A	N/A
ROOFS	BROWN/GREEN	N/A	N/A	N/A
SLIDES	TAN	N/A	N/A	N/A
CLIMBERS	COOL SILVER	N/A	N/A	N/A
PANELS	TAN	N/A	N/A	N/A
RAILS	PINE GREEN	N/A	N/A	N/A
DECKS/STEPS	BROWN	N/A	N/A	N/A
INDEPENDENTS	TAN	N/A	N/A	N/A
SWINGS	PINE GREEN POSTS/BROWN BEAM	N/A	N/A	N/A

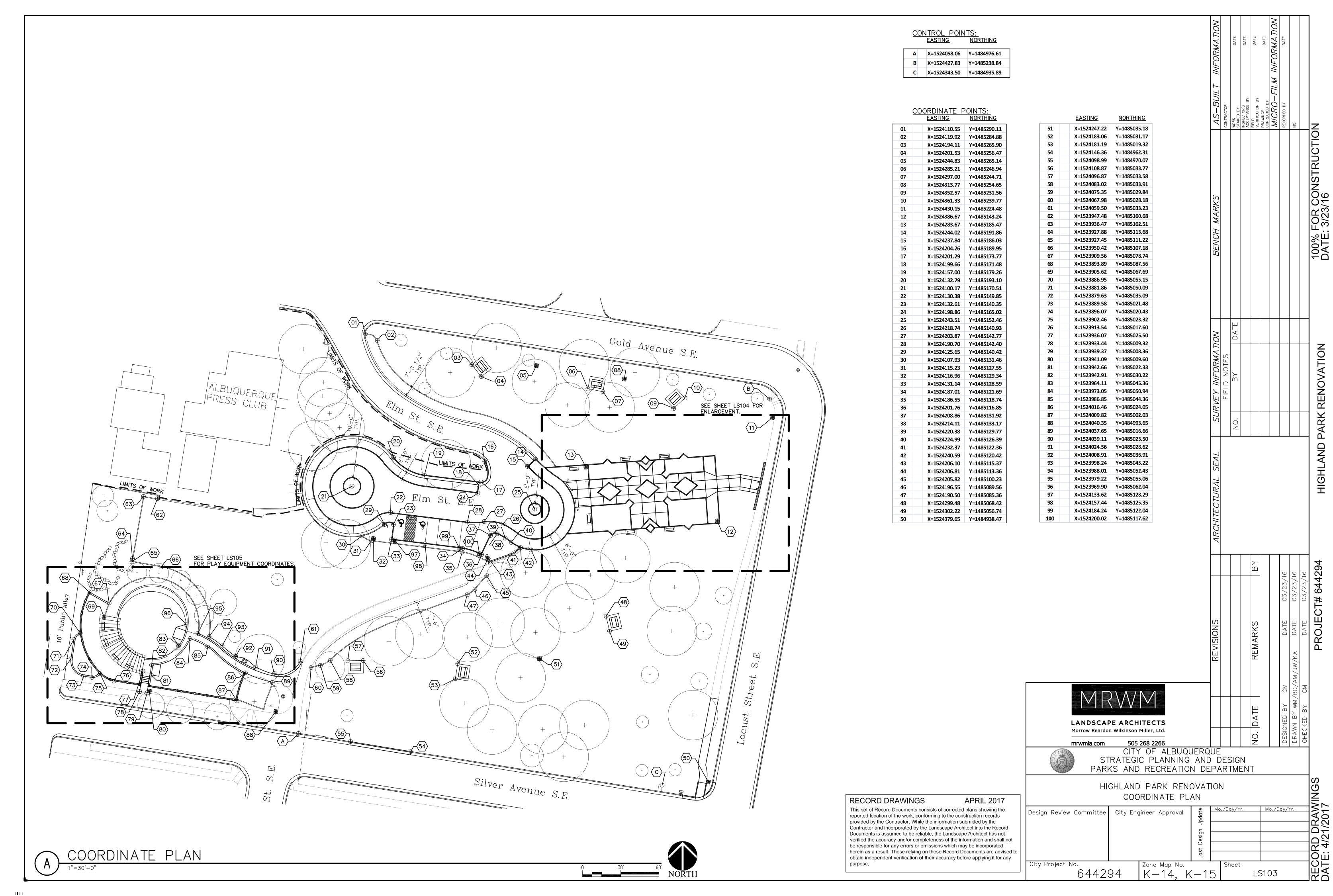
LANDSCAPE ARCHITECTS Morrow Reardon Wilkinson Miller, Ltd. 505 268 2266 CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT OVATION

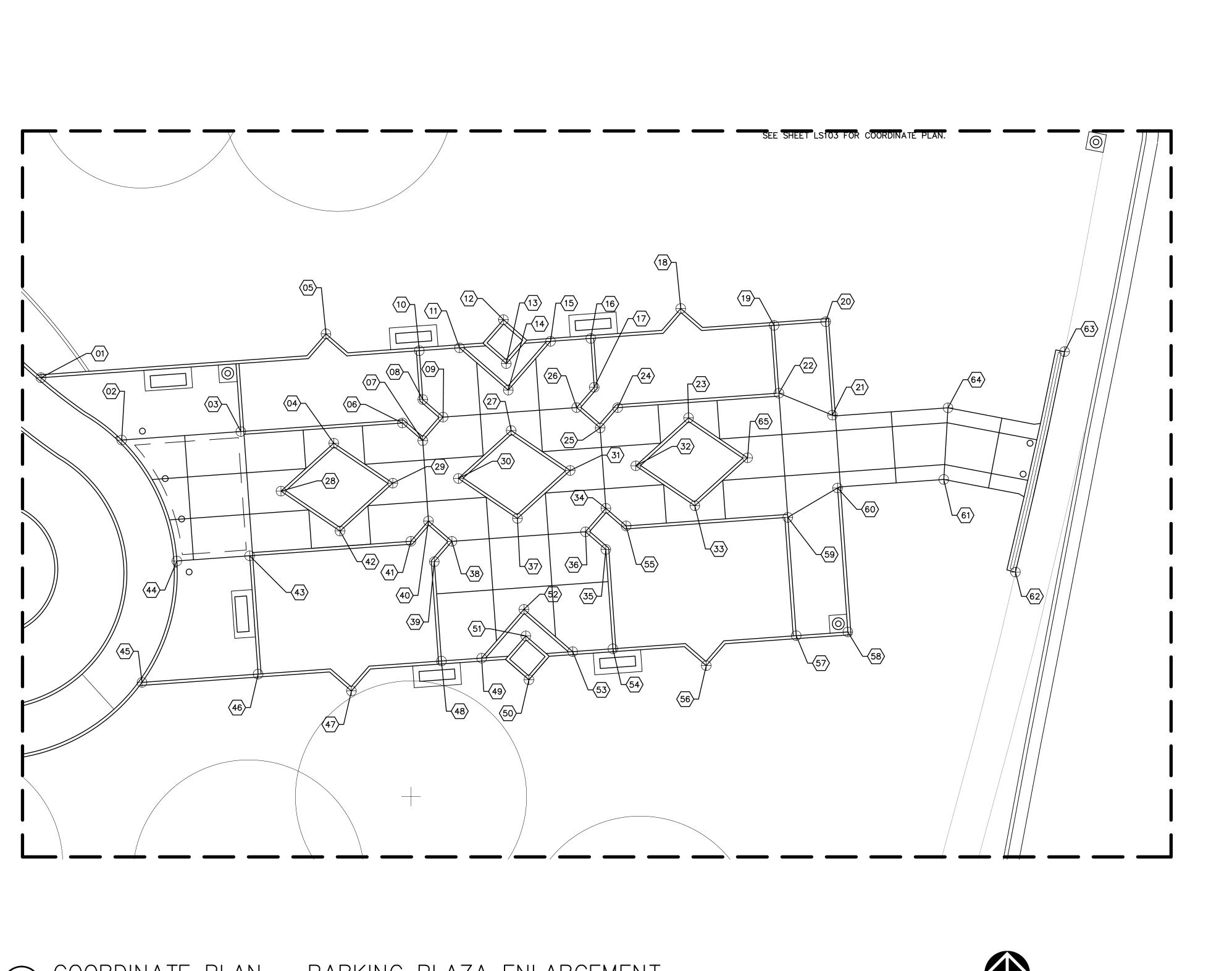
FOR CO: 3/23/16

	GHLAND PARK RENC HWEST CORNER ENL
n Review Committee	City Engineer Approval

LARGEMENT RECORD DRAW DATE: 4/21/2017 City Project No. Zone Map No. 644294 K-14, K-15LS102

RECORD DRAWINGS APRIL 2017 This set of Record Documents consists of corrected plans showing the reported location of the work, conforming to the construction records provided by the Contractor. While the information submitted by the Contractor and incorporated by the Landscape Architect into the Record Oocuments is assumed to be reliable, the Landscape Architect has not verified the accuracy and/or completeness of the information and shall not be esponsible for any errors or omissions which may be incorporated herein as a result. Those relying on these Record Documents are advised to obtain independent verification of their accuracy before applying it for any





COORDINATE POINTS:

EASTING NORTHIN

1 X=1524252.15 Y=1485184.73 2 X=1524265.77 Y=1485174.22 3 X=1524285.87 Y=1485175.65 4 X=1524301.55 Y=1485173.69 5 X=1524300.23 Y=1485192.13 6 X=1524313.13 Y=1485177.09 7 X=1524316.55 Y=1485174.12 8 X=1524316.56 Y=1485181.06 9 X=1524319.99 Y=1485178.09 10 X=1524315.97 Y=1485189.28 11 X=1524322.76 Y=1485189.77 12 X=1524330.17 Y=1485194.51 13 X=1524330.65 Y=1485187.10 14 X=1524330.98 Y=1485182.64 15 X=1524338.12 Y=1485190.86 16 X=1524344.90 Y=1485191.35 17 X=1524345.49 Y=1485183.12 18 X=1524360.08 Y=1485196.40 19 X=1524375.82 Y=1485193.55 20 X=1524384.53 Y=1485194.18 21 X=1524385.65 Y=1485178.41 22 X=1524376.63 Y=1485182.13 23 X=1524361.39 Y=1485177.96 24 X=1524349.45 Y=1485179.69 25 X=1524346.48 Y=1485176.26 26 X=1524342.52 Y=1485179.69 27 X=1524331.47 Y=1485175.82 28 X=1524292.65 Y=1485165.61 29 X=1524311.51 Y=1485166.95 30 X=1524322.57 Y=1485167.74 31 X=1524341.43 Y=1485169.09 32 X=1524352.49 Y=1485169.88 33 X=1524362.45 Y=1485163.14 34 X=1524347.44 Y=1485162.71 35 X=1524347.43 Y=1485155.78 36 X=1524344.01 Y=1485158.74 37 X=1524332.53 Y=1485161.01 38 X=1524321.48 Y=1485157.14 39 X=1524318.51 Y=1485153.71 40 X=1524317.52 Y=1485160.57 41 X=1524314.55 Y=1485157.15 42 X=1524302.60 Y=1485158.87 43 X=1524287.36 Y=1485154.70 44 X=1524275.08 Y=1485153.88 45 X=1524269.20 Y=1485133.36 46 X=1524288.79 Y=1485134.76 47 X=1524304.53 Y=1485131.91 48 X=1524319.71 Y=1485136.96 49 X=1524326.49 Y=1485137.45 50 X=1524334.47 Y=1485133.80 51 X=1524333.94 Y=1485141.19 52 X=1524333.62 Y=1485145.67 53 X=1524341.85 Y=1485138.54 54 X=1524348.63 Y=1485139.03 55 X=1524350.87 Y=1485159.74 56 X=1524364.37 Y=1485136.18 57 X=1524379.55 Y=1485141.23 58 X=1524388.26 Y=1485141.85 59 X=1524378.13 Y=1485161.18 60 X=1524386.53 Y=1485166.14 61 X=1524404.45 Y=1485167.57 62 X=1524416.54 Y=1485151.96 63 X=1524424.81 Y=1485189.12 64 X=1524405.15 Y=1485179.65 65 X=1524371.35 Y=1485171.22

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LANDSCAPE ARCHITECTS Morrow Reardon Wilkinson Miller, Ltd. mrwmla.com 505 268 2266 CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT

100% FOR CONSTRUCTIO DATE: 3/23/16

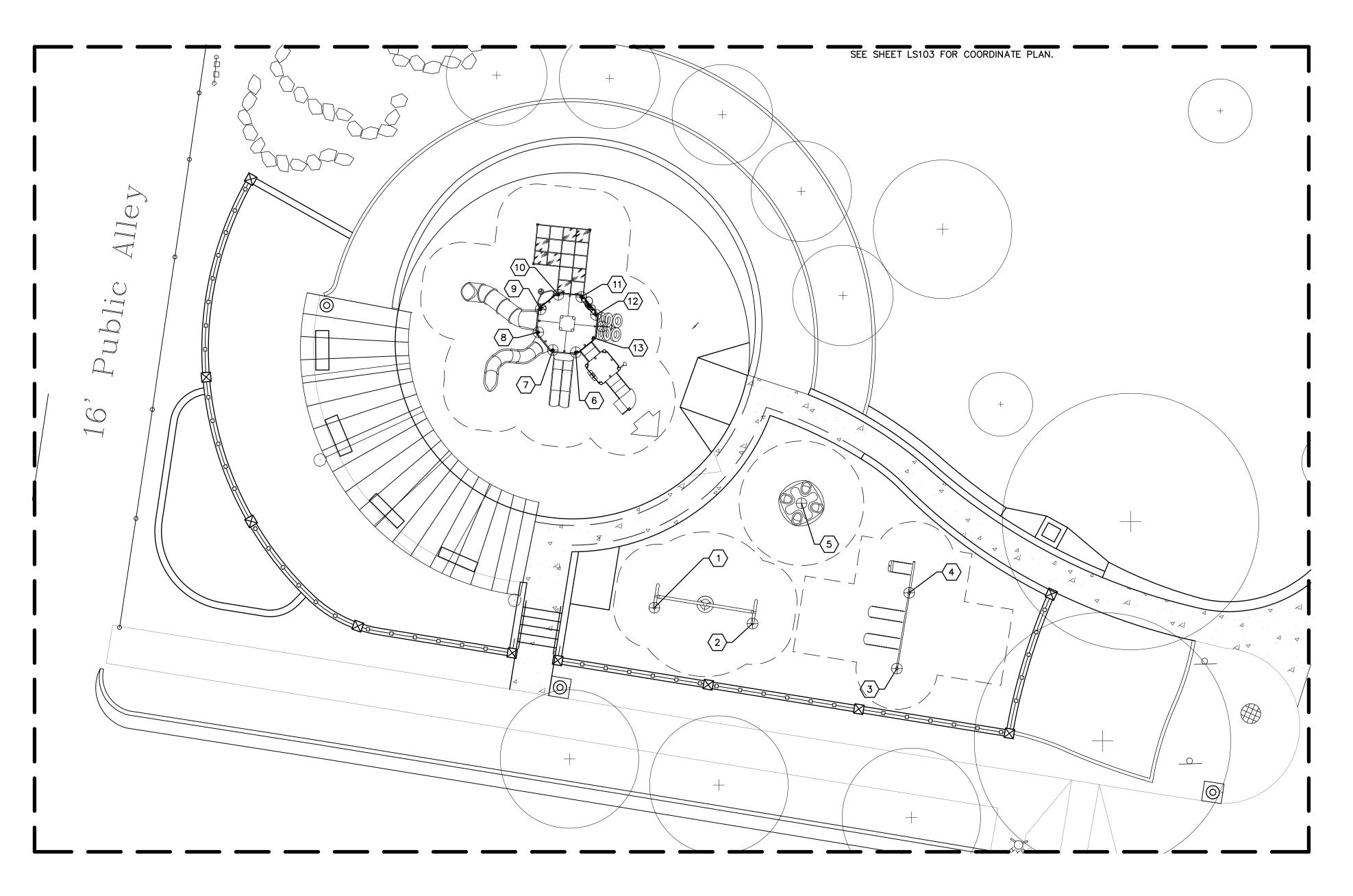
RECORD DRAWING DATE: 4/21/2017

HIGHLAND PARK RENOVATION COORDINATE PLAN- PARKING PLAZA ENLARGEMNT

n Review Committee	City Engineer Approval	pdate	
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City Project No.

Zone Map No. 644294 K-14, K-15LS104



X=1523992.32 Y=1485012.47

X=1523946.55 Y=1485066.25 X=1523946.20 Y=1485062.76

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STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT RECORD DRAWINGS DATE: 4/21/2017

100% FOR CONSTRUCTIO DATE: 3/23/16

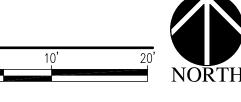
RENOVATION

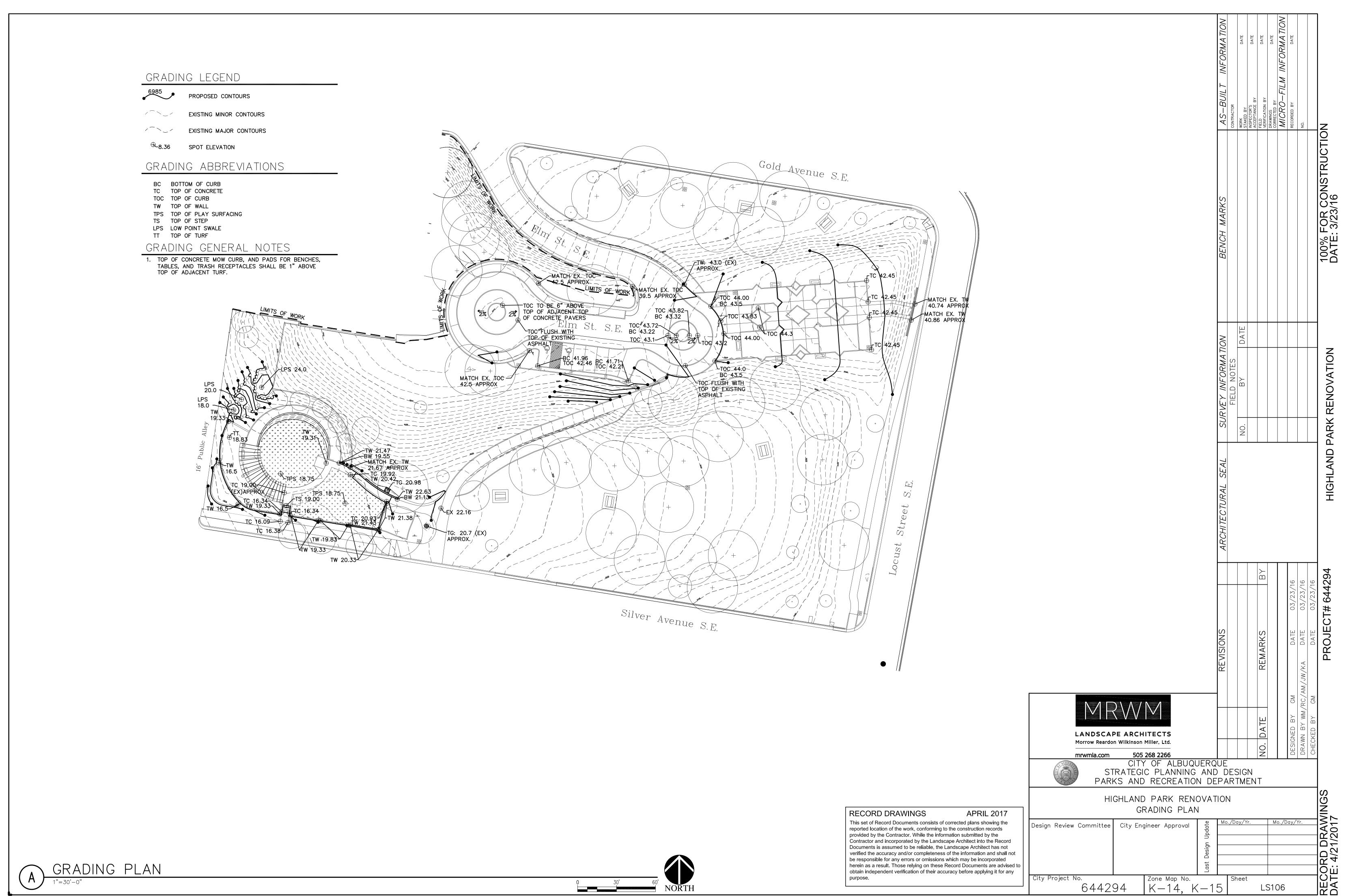
HIGHLAND PARK RENOVATION COORDINATE PLAN - PLAYGROUND ENLARGEMENT

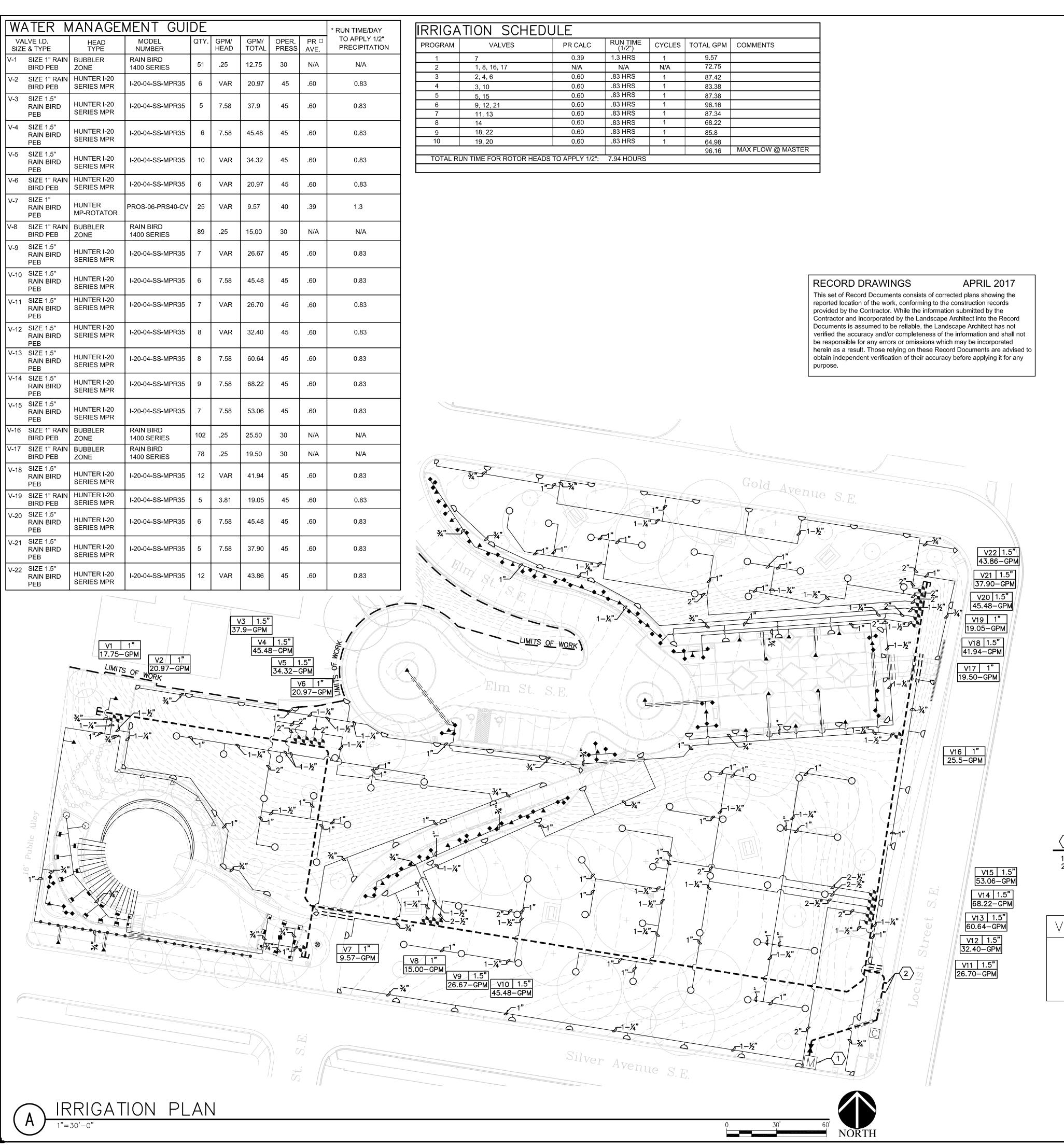
Design Review Committee | City Engineer Approval

City Project No. Zone Map No. K-14, K-15 644294 LS105

COORDINATE PLAN — PLAYGROUND ENLARGEMENT







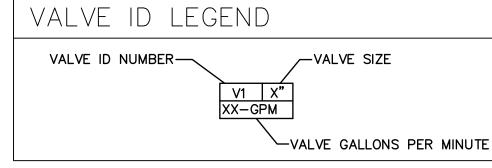
IRRIGATION LEGEND EXISTING WATER METER. ==== MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW. ==== 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW. ---- IRRIGATION MAIN LINE, CLASS 200 O-RING AND GASKET, SIZE 3". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS. ALL JOINTS AT CHANGES IN DIRECTION SHALL HAVE LEEMCO, INC. DUCTILE IRON FITTINGS WITH LEEMCO, INC. LH SERIES JOINT RESTRAINTS. ALL JOINTS IN STRAIGHT RUNS OF PIPE WITHIN 20 FEET UPSTREAM OR DOWNSTREAM OF A CHANGE IN DIRECTION SHALL BE RESTRAINED WITH LEEMCO, INC. IN-LINE JOINT RESTRAINTS. ALL OTHER JOINTS IN STRAIGHT RUNS OF PIPE SHALL BE O-RING AND GASKET. ALL SERVICE TEES FROM MAIN LINE TO REMOTE CONTROL VALVE ASSEMBLIES SHALL BE LEEMCO, INC. DUCTILE IRON FOR CONSTRUCTIO: 3/23/16 SERVICE (FEMALE NPT TAPPED) TEES WITH LEEMCO, INC. LH SERIES JOINT RESTRAINTS. LATERAL PIPING. 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". REMOTE CONTROL VALVE ASSEMBLY, RAIN BIRD PEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. SEE COA DWG 2703. SPRAY POP-UP SPRINKLER ASSEMBLIES, HUNTER MP-ROTATOR SERIES ON PROS-06-PRS40-CV PRESSURE REGULATING BODY WITH CHECK VALVE, 6" POP-UP AS FOLLOWS (INSTALL PER COA STD. DWG. 2710): MP2000-90 13'-21' MP1000-90 8'-15' 8'-15' MP1000-90 0.43 40 8'-15' 0.75 MP1000-360 ROTARY POP-UP SPRINKLER ASSEMBLIES, HUNTER, I-20 SERIES, 6" STAINLESS STEEL AS FOLLOWS (INSTALL PER COA STD. DWG. 2710): I-20-04-SS-MPR35 I-20-04-SS-MPR35 35' 3.81 I-20-04-SS-MPR35 7.58 PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: 2 @ 1401 / EACH SHRUB .5 30 COA STD. DWG. 2712 AND C/LI501 3 @ 1401 / EACH TREE .75 30 COA STD. DWG. 2712 AND D/LI501 1 @ 1404 / EACH TREE 1.0 30 COA STD. DWG. 2712 RENOVATIO SOLVENT WELD PVC CAP, SIZE PER LINE SIZE IRRIGATION CONTROLLER, RAIN BIRD MODEL ESPLXMEF 12-STATION PEDESTAL MOUNT CONTROLLER WITH ONE TWELVE-STATION EXPANSION MODULE. SEE DETAILS A/LI501 AND B/LI501. BACKFLOW PREVENTER, MASTER VALVE, AND FLOW METER ASSEMBLY. BACKFLOW PREVENTER SHALL BE FEBCO 880V, 3" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES IN HOT BOX MODEL NO. HB4000 HEATED AND INSULATED BACKFLOW ENCLOSURE. MASTER VALVE SHALL BE RAIN BIRD PBE BRASS VALVE, SIZE: 3". FLOW METER SHALL BE RAIN BIRD FLOW SENSOR, SIZE: 3". CONNECT FLOW METER TO CONTROLLER PER MANUFACTURER'S SPECIFICATIONS. SEE COA STD. DWG. 2703. IRON BODY GATE VALVE. SEE COA STD. DWG 2708

IRRIGATION NOTES

- 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.
- THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 60 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.
- PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. PIPE SHALL BE ROUTED TO ACHIEVE MINIMUM 10' CLEARANCE FROM THE TRUNK OF A TREE. PIPE ROUTING SHALL BE REVIEWED WITH THE LANDSCAPE ARCHITECT PRIOR TO TRENCHING.
- CONTRACTOR SHALL USE A SOD CUTTER TO CLEANLY REMOVE TURF AT ALL TRENCHING LOCATIONS.
- ALL 90 DEGREE ANGLES OF LATERAL PIPE SIZED 2" AND LARGER AND MAIN LINE PIPE AS SHOWN ON THE PLAN SHALL BE FITTED WITH TWO 45 DEGREE FITTINGS.
- ALL TRENCHING UNDER THE DRIP LINE OF AN EXISTING TREE TO REMAIN SHALL BE DONE BY HAND. NO ROOTS LARGER THAN 1" DIAMETER SHALL BE CUT.

IRRIGATION KEYED NOTES

POINT OF CONNECTION IS EXISTING METER. INSTALL TWO LEEMCO, INC. DUCTILE IRON TEE FITTINGS WITH LEEMCO, INC. LH SERIES JOINT RESTRAINTS AND CAP FOR FUTURE PUMP INSTALLATION. CONTRACTOR SHALL VERIFY SPACING OF TEES TO ENSURE ADEQUATE SPACE FOR PUMP INSTALLATION.



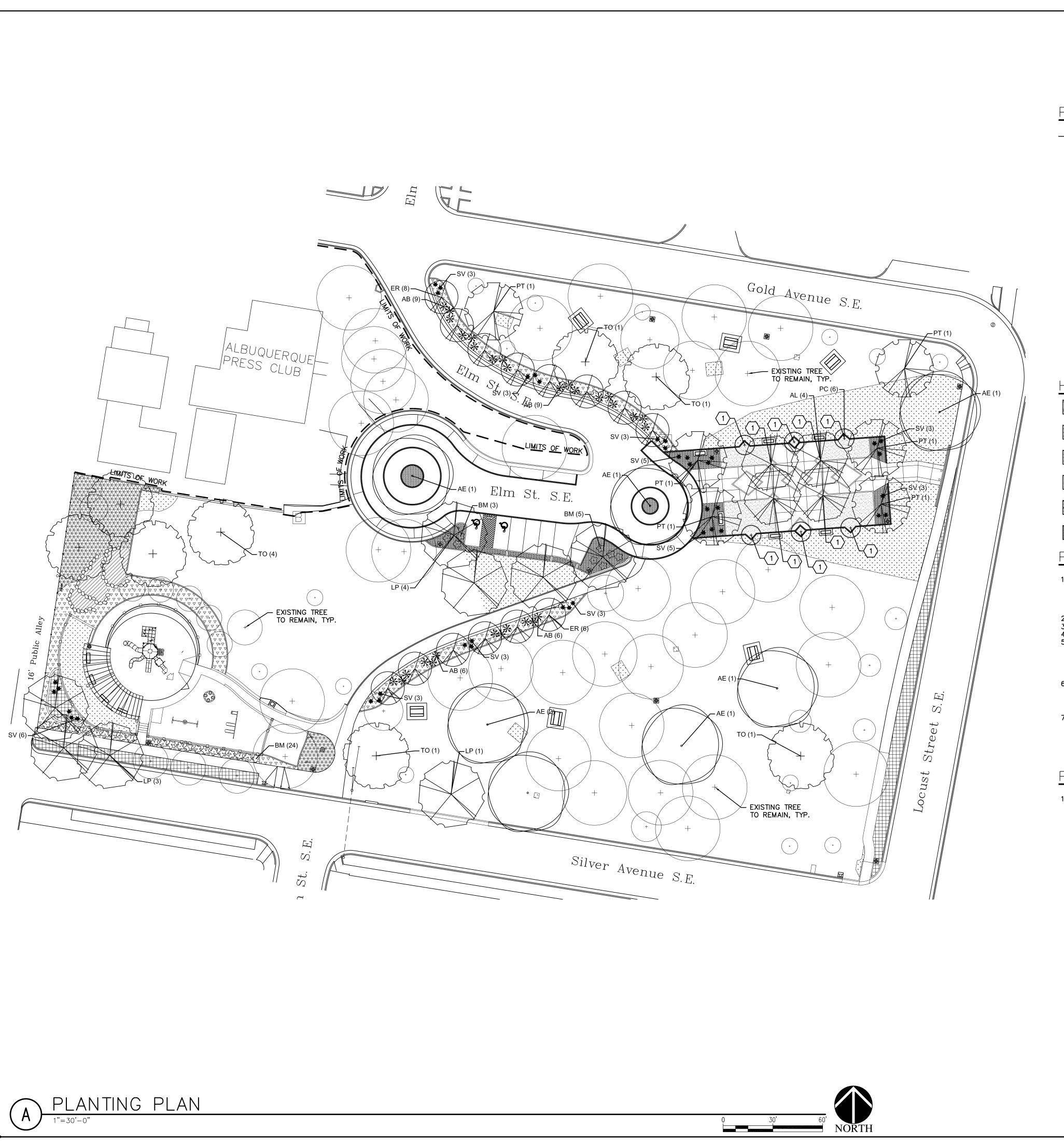


AS-BUILT 4/4/17

			GM	RC/AM/JW	GM
LANDSCAPE ARCHITECTS		DATE	SIGNED BY	BY WM/	KED BY
Morrow Reardon Wilkinson Miller, Ltd. ————————————————————————————————————		NO.	DESIG	DRAWN	CHEC
CITY OF ALBUQUERQ STRATEGIC PLANNING AND PARKS AND RECREATION DE) DES	Т			

HIGHLAND PARK RENOVATION IRRIGATION PLAN

gn Review Committee	City Enginee	er Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.	ORD DRAW
Project No.	Zor	ne Map No.		Sheet		
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PLANT LEGEND

KEY	COMMON NAME	ON NAME BOTANICAL NAME		INSTALLED SIZE	REMARKS	
TREES						
LP	BLOODGOOD LONDON PLANE	PLATANUS ACERIFOLIA 'BLOODGOOD'	8	2" CAL., 8'-10' HT.	В&В	
ΑE	ACCOLADE ELM	ULMUS HYBRID 'ACCOLADE'	7	2" CAL., 8'-10' HT.	В&В	
PT	PAGODA TREE	STYPHNOLOBIUM JAPONICUM	6	2" CAL., 8'-10' HT.	В&В	
ER	EASTERN REDBUD	CERCIS CANADENSIS	14	2" CAL., 8'-10' HT.	В&В	
PC	CAPITAL PEAR	PYRUS CALLERYANA 'CAPITAL'	6	2" CAL., 8'-10' HT.	В&В	
ТО	TEXAS RED OAK	QUERCUS BUCKLEYI	8	2" CAL., 8'-10' HT.	В&В	
AL	ALLEE ELM	ULMUS PARVIFLORA 'EMER II'	4	2" CAL., 8'-10' HT.	В&В	
SHRUE	SS/GROUNDCOVERS/GRASSES					
AB	PINK ABELIA	ABELIA X 'EDWARD GOUCHER'	30	MIN 12" HT.	5 GALLON	
SV	SWEET VIGOROSA ROSE	ROSA 'SWEET VIGOROSA'	40	MIN. 12" HT.	5 GALLON	
ВМ	BLUE MIST	CARYOPTERIS CLANDONENSIS	32	MIN. 12" HT.	5 GALLON	
* * * * * * * * * * * * * * * * * * * *		PARK BLEND TURF	25,00	00 SF	SOD	
0		MOSS ROCK BOULDER	49	12-18 CF		

HATCH LEGEND

7/8" GRAVEL MULCH. MULCH SHALL BE 'BUILDOLOGY BROWN' AVAILABLE FROM BUILDOLOGY (505) 344-6626, OR APPROVED EQUAL.

2"-8" COBBLE. COBBLE SHALL BE 'SANTA ANA TAN' AVAILABLE FROM BUILDOLOGY (505) 344-6626, OR APPROVED EQUAL.

GRAVEL MULCH SIFTED AND STOCKPILED DURING DEMOLITION OPERATIONS. SEE DEMOLITION PLAN, SHEET LD101.

CRUSHER FINES. FINES SHALL BE 'CANYON GOLD' AVAILABLE FROM BUILDOLOGY (505) 344-6626, OR APPROVED EQUAL.

2"-4" COBBLE. COBBLE SHALL BE 'BUILDOLOGY BROWN' AVAILABLE FROM BUILDOLOGY (505) 344-6626, OR APPROVED EQUAL.

CRUSHER FINES. FINES SHALL BE 'BUILDOLOGY BROWN' AVAILABLE FROM BUILDOLOGY (505) 344-6626, OR APPROVED EQUAL.

PLANTING NOTES

- 1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LEGEND 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. THE TOP OF GRAVEL MULCH SHALL BE 1" BELOW TOP OF ADJACENT HARD SURFACES.
- 3. TREES SHALL BE INSTALLED PER COA STD. DWGS. 2713, 2714, AND 2715.
- 4. SHRUBS SHALL BE INSTALLED PER COA STD. DWGS. 2716, AND 2717.
 5. IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "REMARKS" AND HEIGHT & SPREAD CALLED OUT UNDER "INSTALLED SIZE", THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "INSTALLED SIZE", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.
- 6. A 4" DEPTH OF GRAVEL MULCH WITH FILTER FABRIC UNDER SHALL BE INSTALLED IN PLANTING BEDS, UNLESS OTHERWISE NOTED ON PLAN (SEE MULCH HATCH LEGEND). FILTER FABRIC SHALL BE MIN. 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPYLENE. (DEWITT OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6".
- 7. CONTRACTOR SHALL SOD ALL TURF AREAS REMOVED TO FACILITATE TRENCHING. SEE IRRIGATION NOTE 5. CONTRACTOR SHALL ALSO SOD ALL TURF DAMAGED BY CONSTRUCTION OPERATIONS. TURF AREAS DAMAGED IN EXCESS OF THE QUANTITY OF SOD SHOWN IN THE PLANT LEGEND SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER UNLESS CONTRACTOR HAS RECEIVED PRIOR WRITTEN AUTHORIZATION TO REMOVE AND RESOD ADDITIONAL SQUARE FOOTAGE.

PLANTING KEYED NOTES

RECORD DRAWINGS

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herein as a result. Those relying on these Record Documents are advised to obtain independent verification of their accuracy before applying it for any

1. FURNISH AND INSTALL TREE GUARD. GUARD SHALL BE IRONSITES SERIES, MODEL S-6 BY VICTOR STANLEY (800-368-2573), OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS. COLOR: BLACK.

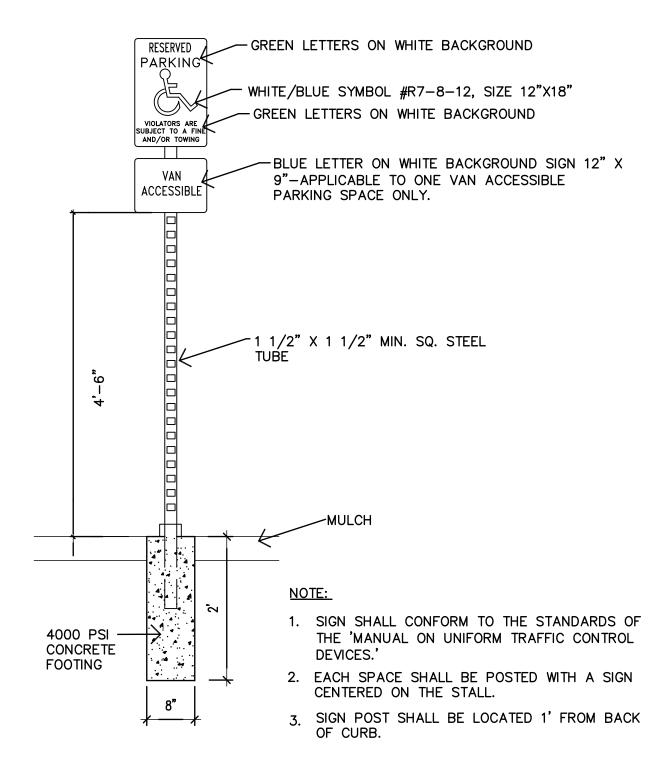
APRIL 2017

LANDSCAPE ARCHITECTS Morrow Reardon Wilkinson Miller, Ltd. mrwmla.com 505 268 2266 CITY OF ALBUQUERQUE STRATEGIC PLANNING AND DESIGN PARKS AND RECREATION DEPARTMENT HIGHLAND PARK RENOVATION DI ANITINIO DI

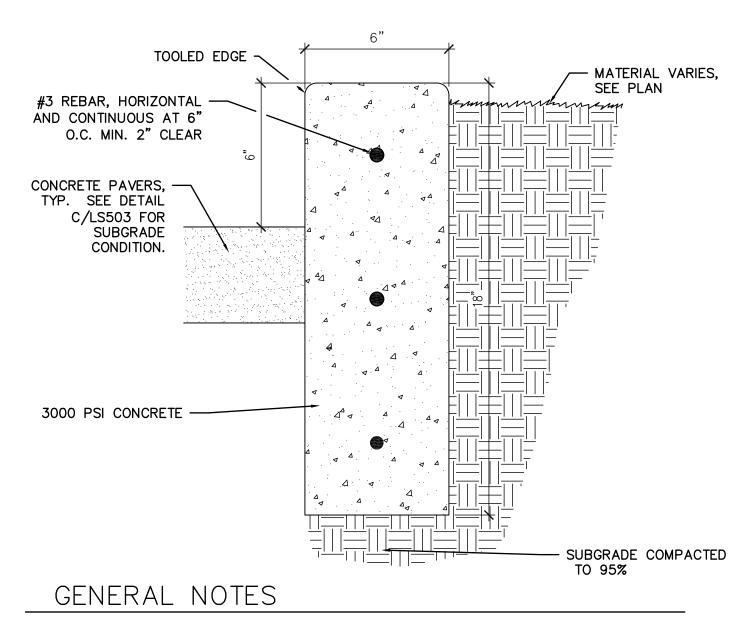
100% FOR CONSTRUCTIO DATE: 3/23/16

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PLANTING PLAN									
sign Review Committee	City Engi	ineer Approvo	Last Design Update	Mc	o./Day/Yr.	Mo./Day/Yr.	ORD DRAW E: 4/21/2017		
y Project No. 64429		Zone Map No $K-14$,		15	Sheet L	.P101	REC		

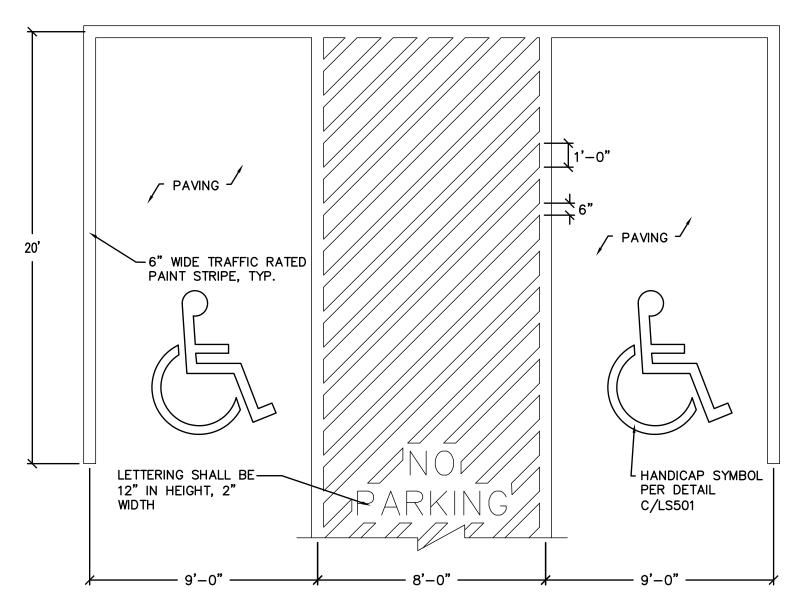






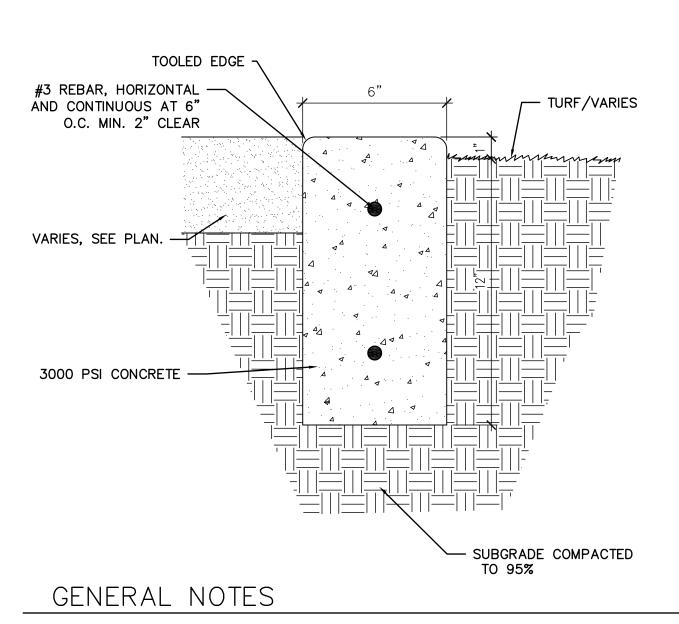
A. PLACE EXPANSION JOINTS @ 20'-0" O.C. WITH CONTROL JOINTS @ 5'-0" O.C. B. HEIGHT BELOW TOP OF CONCRETE VARIES. SEE GRADING PLAN.





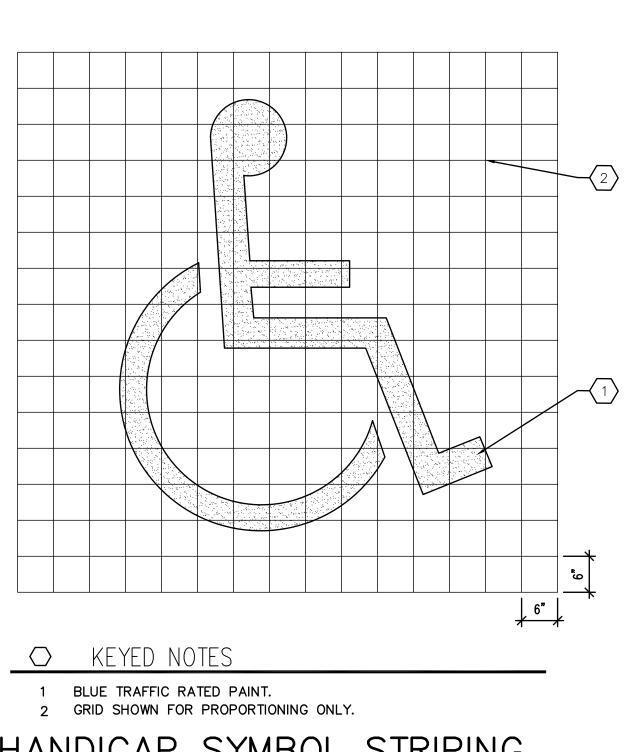
B STRIPING DETAIL

1/4" = 1'-0"

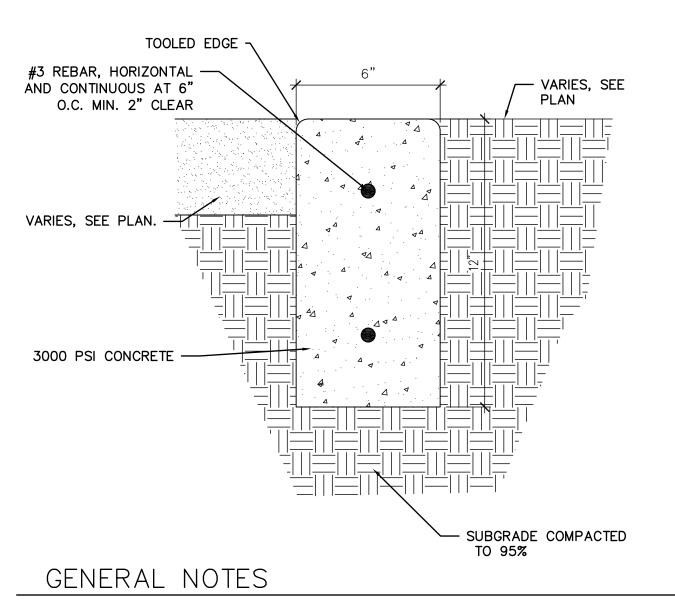


A. PLACE EXPANSION JOINTS @ 20'-0" O.C. WITH CONTROL JOINTS @ 5'-0" O.C.

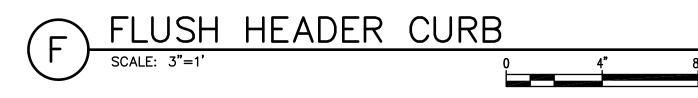








A. PLACE EXPANSION JOINTS @ 20'-0" O.C. WITH CONTROL JOINTS @ 5'-0" O.C.





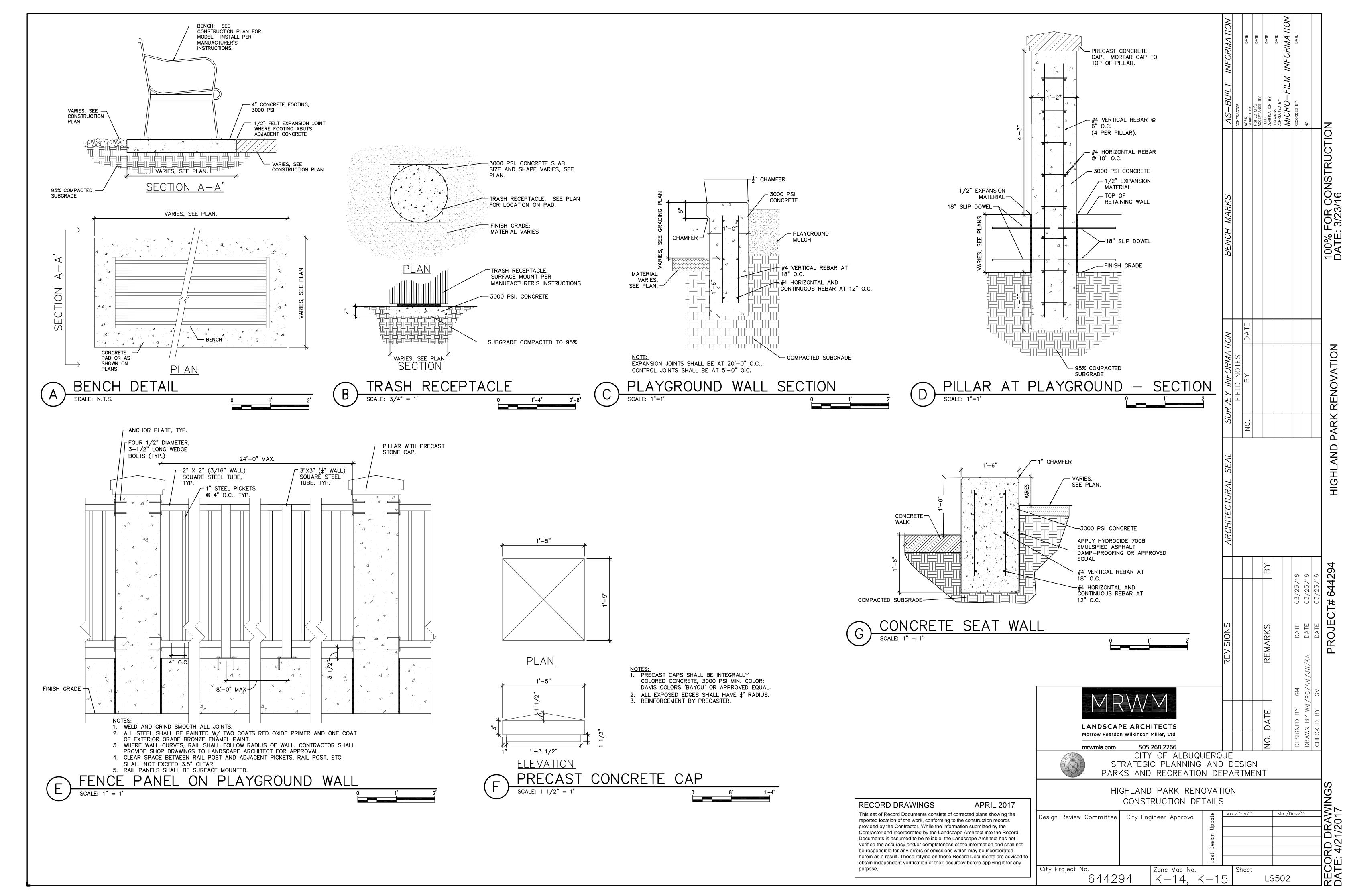
100% FOR CONSTRUCTIO DATE: 3/23/16

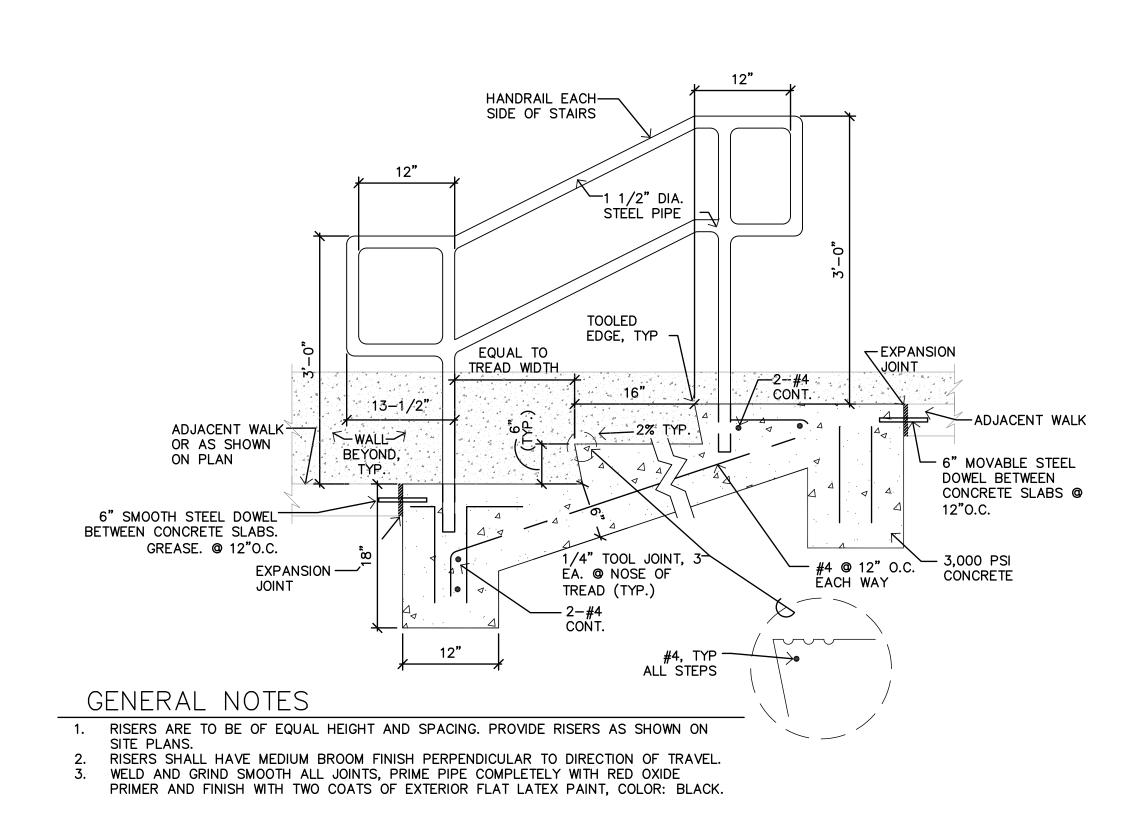
APRIL 2017 This set of Record Documents consists of corrected plans showing the

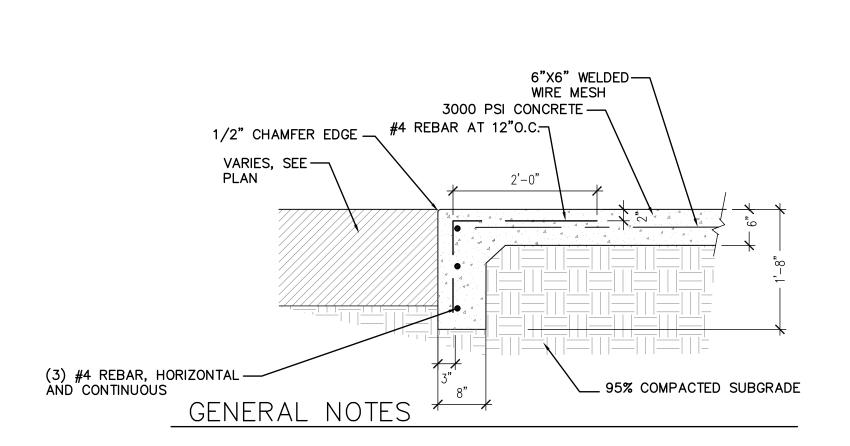
HIGHLAND PARK RENOVATION CONSTRUCTION DETAILS RECORD DRAWII DATE: 4/21/2017 Design Review Committee | City Engineer Approval City Project No. Zone Map No. 644294 K-14, K-15LS501

reported location of the work, conforming to the construction records provided by the Contractor. While the information submitted by the Contractor and incorporated by the Landscape Architect into the Record Documents is assumed to be reliable, the Landscape Architect has not verified the accuracy and/or completeness of the information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Those relying on these Record Documents are advised to obtain independent verification of their accuracy before applying it for any

RECORD DRAWINGS





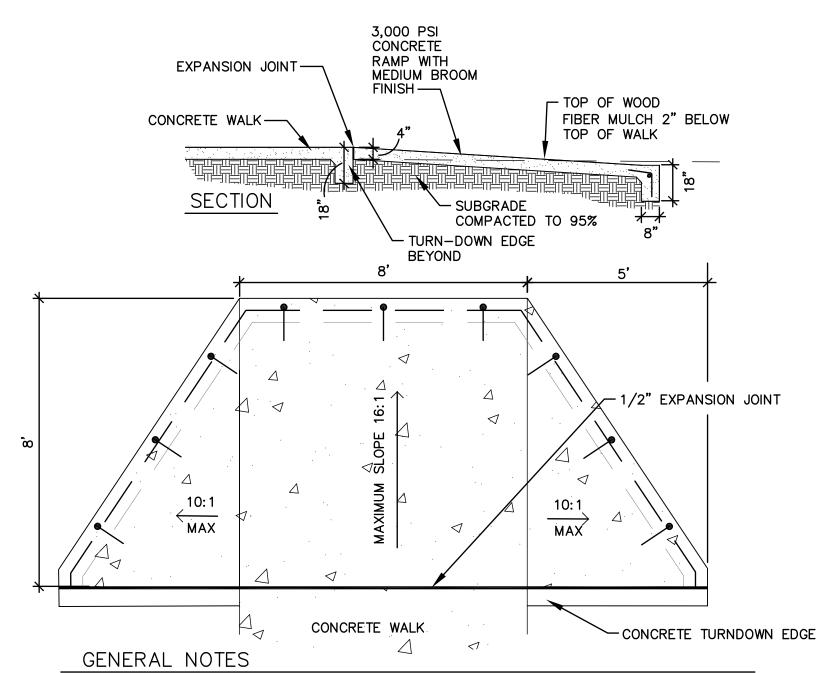


CONCRETE STEP DETAIL

- 1. PLACE EXPANSION JOINTS AT 20'-0" O.C. WITH CONTROL JOINTS AS SHOWN ON PLAN.
- 2. INSTALL EXPANSION JOINT MATERIAL WHERE NEW CONCRETE IS

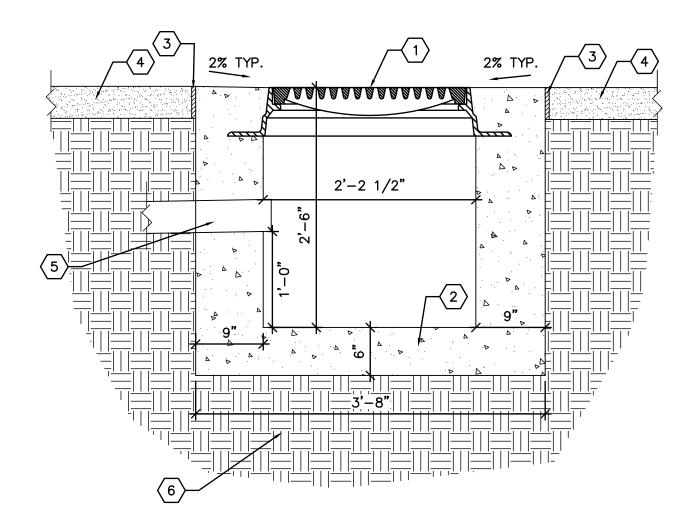
ADJACENT TO EXISTING CONCRETE.





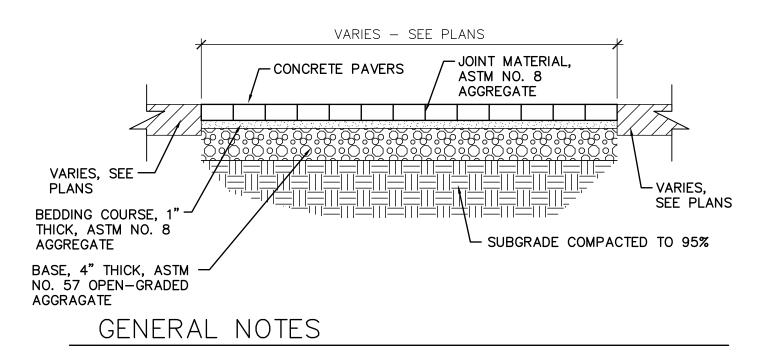
- 1. PROVIDE TWO (2) #4 REBAR HORIZONTAL AND CONTINUOUS ALONG LENGTH OF TURNDOWN EDGE AND TIE TO REBAR IN SIDEWALK TURNDOWN WITH 12" MINIMUM
- 2. PROVIDE #4 VERTICAL REBAR AT 4'-0" O.C. SPACING ALONG THE 8'-0" DIMENSION OF THE RAMP AND 3'-0" SPACING ALONG THE 6'-0" DIMENSION. ALL VERTICAL BARS SHALL BE FORMED INTO AN "L" SHAPE AND EXTEND INTO THE RAMP SECTION A MINIMUM OF 12"





- NEENAH R-3210-Q CATCH BASIN FRAME AND GRATE. 3000 PSI CONCRETE CATCH BASIN.
- ½" EXPANSION MATERIAL.
 CONCRETE ALLEY GUTTER. SEE CONSTRUCTION PLAN, LS101.
 CLASS 200 PVC PIPE, SIZE: 4".
 COMPACTED SUBGRADE.





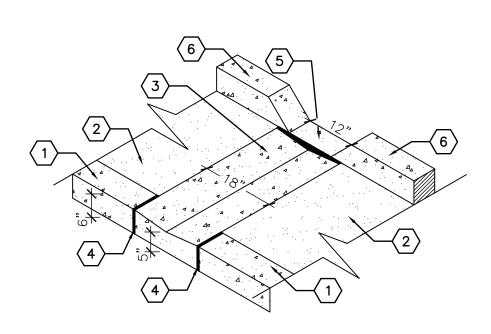
- 1. REFERENCE LANDSCAPE CONSTRUCTION PLANS FOR PAVER TYPE, COLOR, AND INSTALLATION PATTERN.
- 2. WHERE PAVERS ABUT BUILDINGS, WALKS, EDGERS, CURBS AND RAMPS, PAVERS SHALL BE CLEANLY SAWCUT AS REQUIRED TO FIT.
- 3. TOP OF PAVERS SHALL BE INSTALLED FLUSH WITH TOP OF ADJACENT PAVEMENT. 4. AFTER PLACING PAVERS ON BEDDING COURSE CONTRACTOR SHALL SWEEP NO. 8 AGGREGATE INTO ALL PAVER JOINTS AND VIBRATE WITH A PLATE COMPACTOR TO VIBRATE AGGREGATE INTO JOINTS. THESE STEPS SHALL BE REPEATED UNTIL ALL

CONTRACTOR SHALL SWEEP OFF EXCESS AGGREGATE.

5. ALL AGGREGATE SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR PAVERS AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE

PAVER JOINTS ARE ADEQUATELY FILLED WITH AGGREGATE. UPON COMPLETION THE





- MOW CURB (TYP)
- 2. GRAVEL MULCH
 3. 3000 PSI CONCRETE VALLEY GUTTER
 4. EXPANSION MATERIAL
- 5. CURB CUT





100% FOR CONSTRUC DATE: 3/23/16

RECORD DRAW DATE: 4/21/2017

LS503

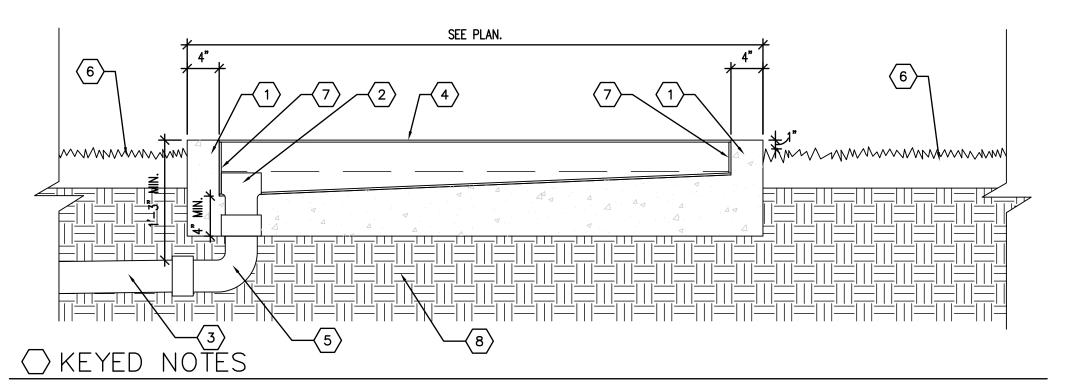
HIGHLAND PARK RENOVATION

644294

CONSTRUCTION DETAILS City Project No. Zone Map No.

K-14, K-15

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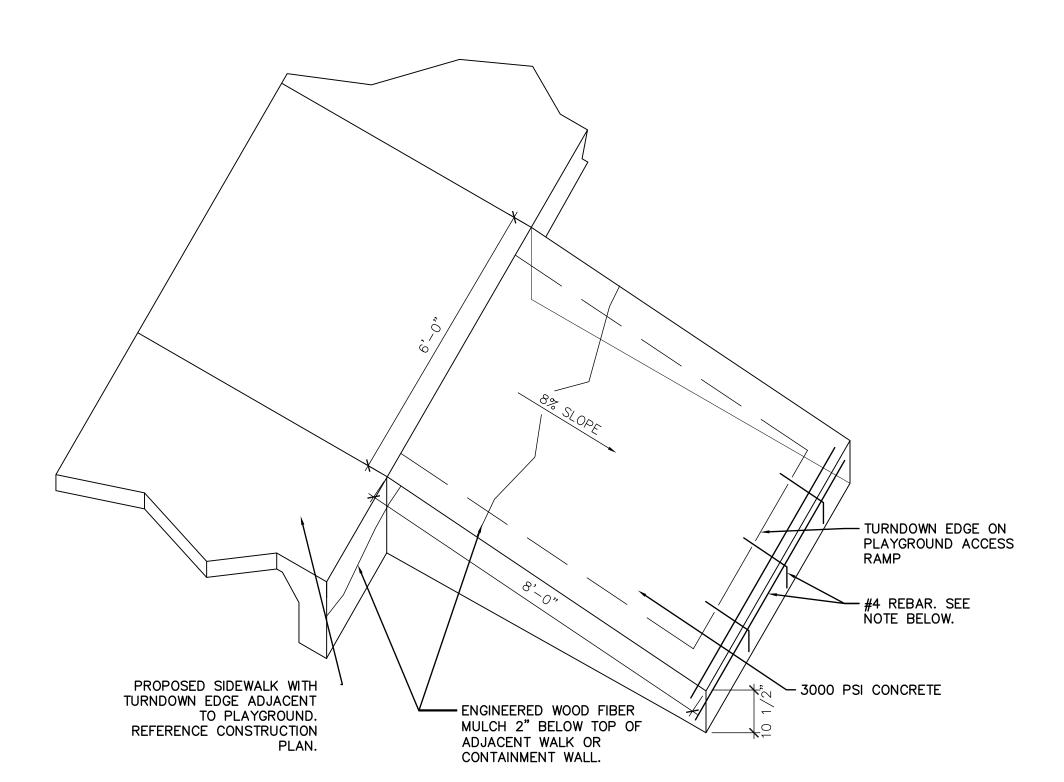
7. ZURN CLOSED END CAP.

8. 95% COMPACTED SUBGRADE.

- 1. CONCRETE APRON, 3000 PSI.
- 2. 4" ZURN BOTTOM OUTLET.
- 3. 4" DIAMETER CLASS 200 PVC PIPE. MINIMUM SLOPE OF PIPE SHALL BE .5% SLOPE. THE MINIMUM DEPTH OF PIPE SHALL BE 12".
- 4. PRE-SLOPED HDPE TRENCH DRAIN SHALL BE MODULAR DRAIN WITH HPD HEEL-PROOF DUCTILE IRON GRATE AND LOCK DOWN ASSEMBLY. DESIGN BASED ON PERMA TRENCH Z886-HPP-6L, BY ZURN INDUSTRIES: SIZE 80" LONG X 6" WIDE WITH VARIABLE DEPTH.
- 5. INSTALL 90 DEGREE ELBOW.

6. TURF.

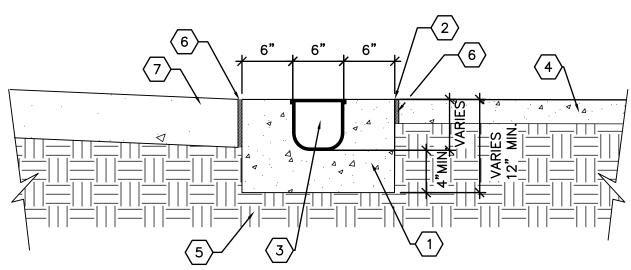
TRENCH DRAIN SECTION



GENERAL NOTES

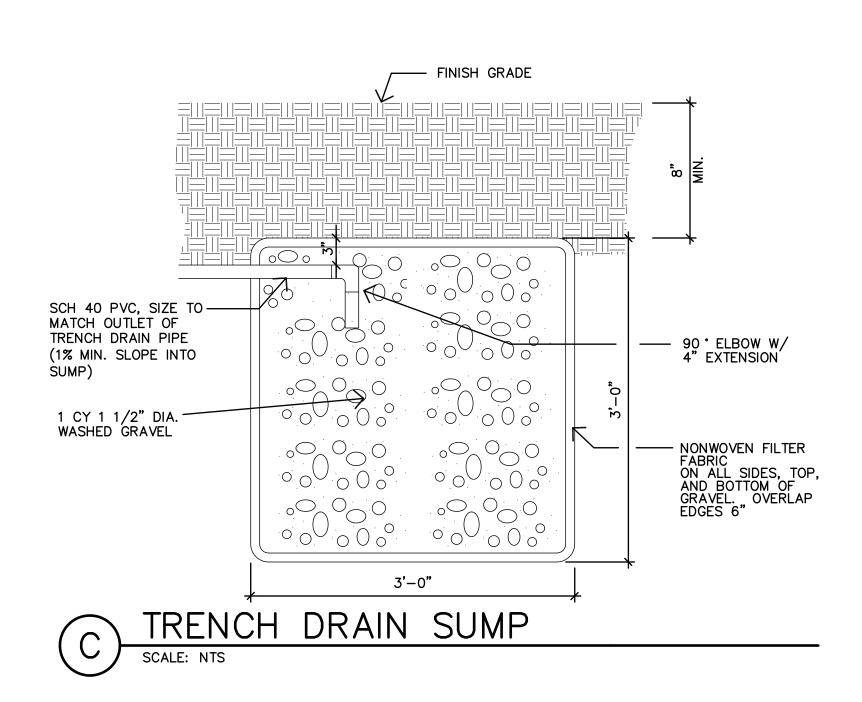
- 1. PROVIDE TWO (2) #4 REBAR HORIZONTAL AND CONTINUOUS ALONG LENGTH OF TURNDOWN EDGE AND TIE TO REBAR IN SIDEWALK TURNDOWN WITH 12" MINIMUM OVERLAP.
- 2. PROVIDE #4 VERTICAL REBAR AT 4'-0" O.C. SPACING ALONG THE 8'-0" DIMENSION OF THE RAMP AND 3'-0" SPACING ALONG THE 6'-0" DIMENSION. ALL VERTICAL BARS SHALL BE FORMED INTO AN "L" SHAPE AND EXTEND INTO THE RAMP SECTION A MINIMUM OF 12"





- CONCRETE APRON, 3000 PSI.
 TOP OF CONCRETE SHALL BE FLUSH WITH TOP OF CONCRETE WALK. PRE-SLOPED HDPE TRENCH DRAIN SHALL BE MODULAR TRENCH DRAIN WITH HEEL-PROOF HPD DUCTILE IRON GRATE AND GRATE LOCK DOWN ASSEMBLY. DESIGN BASED ON PERMA TRENCH, Z886-HPP-GL, BY ZURN INDUSTRIES: SIZE 80 INCHES LONG BY 6 INCHES WIDE BY VARIABLE
- 4. EXISTING CONCRETE WALK. 5. 95% COMPACTED SUBGRADE.
- 6. $\frac{1}{2}$ EXPANSION MATERIAL. 7. MATERIAL VARIES. SEE PLAN.







Zone Map No.

K-14, K-15

LS504

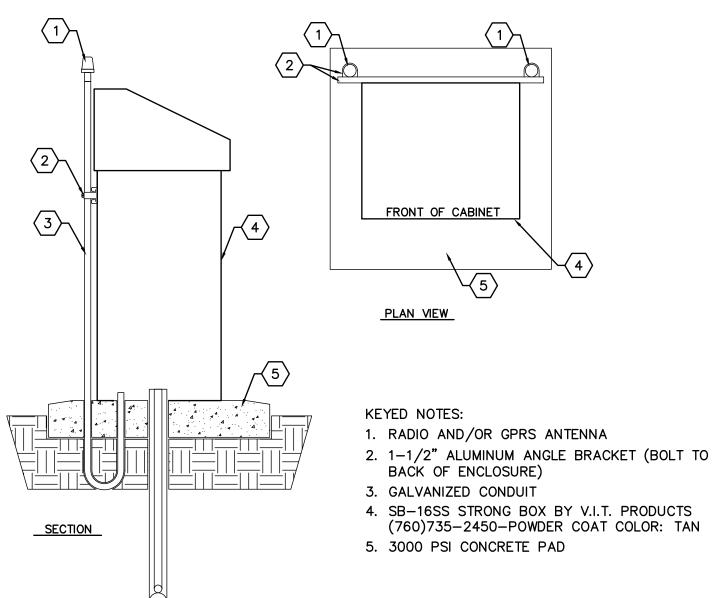
100% FOR CONSTRUCTIO DATE: 3/23/16

RENOVATION

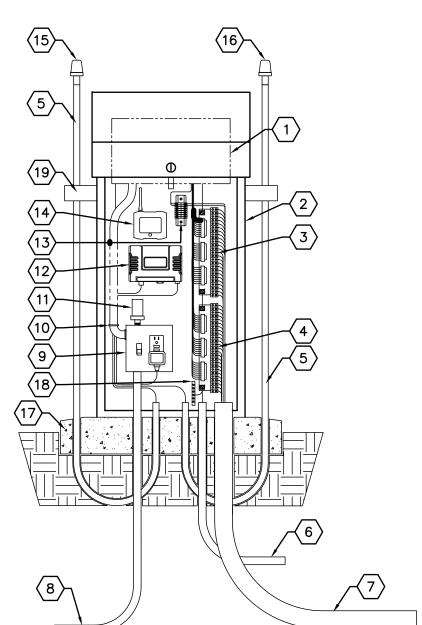
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City Project No.

644294



CONTROLLER ENCLOSURE WITH ANTENNA SCALE: N.T.S.



KEYED NOTES: RAINBIRD ESP12LXMEF CONTROLLER WITH GPRS CARTRIDGE #IQ3G-USA AND RADIO. ADD

12-STATION" MODULES AS NECESSARY TO OPERATE THE NUMBER OF VALVES SHOWN ON THE PLAN. 2. SB-16SS STRONG BOX BY V.I.T. PRODUCTS

(760)735-2450-POWDER COAT COLOR: TAN. SEE ENCLOSURE WITH ANTENNA DETAIL

 RAINBIRD 25-48 STATION TERMINAL BOARD #H60321 - OMIT IF CONTROLLER OPERATES FEWER THAN 24 STATIONS. 4. RAINBIRD 1-24 STATION TERMINAL BOARD #H60311

5. ANTENNA CONDUIT AND CABLE

6. ¾" GROUNDING CONDUIT AND WIRE

7. STATION WIRES AND 3" CONDUIT

8. 120V POWER SUPPLY AND ¾" CONDUIT 9. 120V POWER SUPPLY ASSEMBLY WITH GFCI AND BREAKER

10.120V POWER SUPPLY TO CONTROLLER AND CONDUIT

11. INTERMATIC AG2401C3 SURGE PROTECTOR

12. RAINBIRD SPREAD SPECTRUM 900 MHZ RADIO MODEL #IQSSRADIO 13. DIN RAIL TERMINAL BLOCK ASSEMBLY FOR

SENSORS

14. RAINBIRD LIMRRX REMOTE RECEIVER

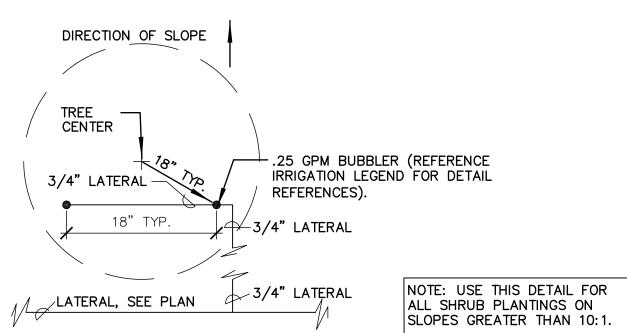
15. GPRS EXTERNAL ANTENNA

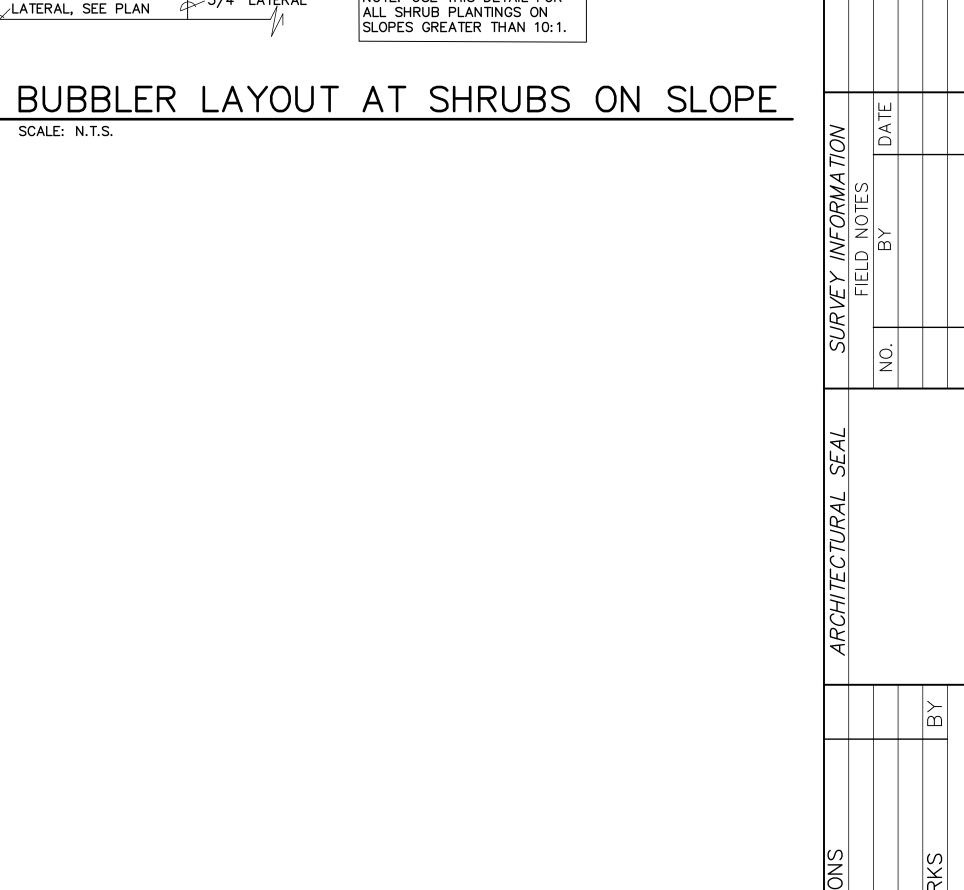
16. RADIO ANTENNA 17. 3000 PSI CONCRETE PAD

18. GROUNDING TERMINAL BLOCK

19.1-1/2" ALUMINUM ANGLE BRACKET

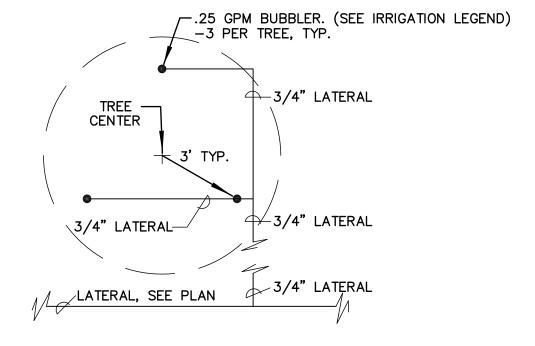
ESP12LXMEF CONTROLLER ASSEMBLY SCALE: N.T.S.





100% FOR CONSTRUCTIO DATE: 3/23/16

HIGHL



BUBBLER LAYOUT AT TREES

SCALE: N.T.S.

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