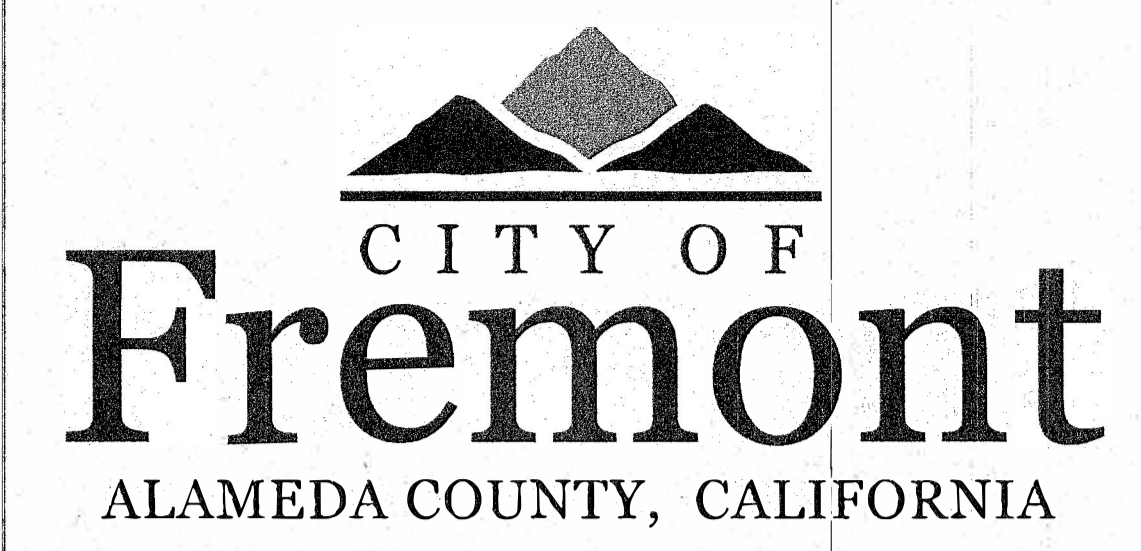


LOCATION MAP
NOT TO SCALE



BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

**CITY PROJECT NO. 9051 (PWC)
BID NO. 25-002**

BID SCOPE OF WORK

BASE BID:
THE PROJECT SCOPE INCLUDES THE DEMOLITION AND REMOVAL OF EXISTING PARK PLAY EQUIPMENT, REMOVAL OF EXISTING POURED-IN-PLACE SAFETY SURFACING, INSTALLATION OF NEW SPECIFIED PLAY EQUIPMENT, INSTALLATION OF NEW POURED-IN-PLACE SAFETY SURFACING, AND RELOCATION OF PERFORATED DRAIN LINE.

ALTERNATE #1:
ALTERNATE 1 SCOPE OF WORK SHALL INCLUDE THE DEMOLITION AND REMOVAL OF CONCRETE PAVEMENT AND INSTALLATION OF CONCRETE PAVEMENT.

ALTERNATE #2:
ALTERNATE 2 SCOPE OF WORK SHALL INCLUDE THE INSTALLATION OF ADA CONCRETE PICNIC TABLE, TRASH RECEPTACLE, AND RECYCLE RECEPTACLE.

SCHEDULE OF DRAWINGS

SHEET NO.	SHEET TITLE	DESCRIPTION
1	L0.0	COVER SHEET
2	L0.1	NOTES AND ABBREVIATIONS
3	L1.0	EXISTING CONDITIONS PLAN
4	L1.1	DEMOLITION PLAN
5	L2.0	MATERIAL REFERENCE, STATIONING AND LAYOUT PLAN
6	L3.0	PLAY AREA LAYOUT AND GRADING AND DRAINAGE PLAN
7	L3.1	PLAY EQUIPMENT DIMENSIONING PLAN
8	L3.2	PLAY EQUIPMENT LAYOUT PLAN
9	L3.3	POUR-IN-PLACE SYNTHETIC SAFETY SURFACING PLAN
10	L4.0	CONSTRUCTION DETAILS
11	L4.1	CONSTRUCTION DETAILS



GENERAL NOTES

1. LOCATION OF EXISTING FACILITIES WERE TAKEN PARTIALLY FROM RECORDS AND MAY BE INCOMPLETE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY EXCAVATION OR TRENCHING IN THEIR LOCALITY.

THE UTILITY AGENCIES IN THE CITY OF FREMONT ARE:

ALAMEDA COUNTY WATER DISTRICT 43885 SOUTH GRIMMER BOULEVARD FREMONT, CA 94537 PHONE: (510) 659-1970	TIME WARNER TELECOM 1340 TREAT BLVD, SUITE 100 WALNUT CREEK, CA 94597 PHONE: (925) 954-7093	XO COMMUNICATIONS 855 MISSION BOULEVARD FREMONT, CA 94539 PHONE: (510) 580-6363
UNION SANITARY DISTRICT (USD) 5072 BENSON ROAD UNION CITY, CA 94587-2508 PHONE: (510) 477-7500	AT&T 870 N. MCCARTHY ROAD, CUBE 1.167 MILPITAS, CA 95035 PHONE: (408) 636-8831	
PACIFIC GAS & ELECTRIC CO. 41800 BOSCELL ROAD FREMONT, CA 94538 PHONE: (510) 863-3025	COMCAST 1470 RANDEE ROAD OAKLAND, CA 94621 PHONE: (510) 567-9213	

2. AMBULANCE SERVICES: PARAMEDICS PLUS: (825) 422-7595; ATTN: RASHIDA KAMARA

3. AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE BEGINNING OF WORK, THE CONTRACTOR SHALL NOTIFY LOCAL AUTHORITIES, INCLUDING THE CITY OF FREMONT POLICE DEPARTMENT OF HIS INTENT TO BEGIN WORK. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER RELATIVE TO HANDLING TRAFFIC THROUGH THE AREA AND SHALL MAKE HIS OWN ARRANGEMENTS RELATIVE TO KEEPING THE WORKING AREA CLEAR OF PARKED VEHICLES. THE FOLLOWING CONTACT INFORMATION IS PROVIDED FOR THE CONTRACTORS INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR CONTACTING AND COORDINATING WITH LOCAL AUTHORITIES AND AGENCIES.

FREMONT POLICE DEPARTMENT - DISPATCH: (510) 790-6800
FREMONT FIRE DEPARTMENT - DISPATCH: (925) 422-7594
PARAMEDIC PLUS - OPERATIONS: (510) 748-5700
BLT - FREMONT RECYCLING TRANSFER STATION: (510) 252-0500
REPUBLIC SERVICES "ALLIED WASTE" (GARBAGE PICKUP): (510) 657-3500

4. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL NECESSARY UTILITY RELOCATIONS WITH THE APPROPRIATE UTILITY COMPANY.

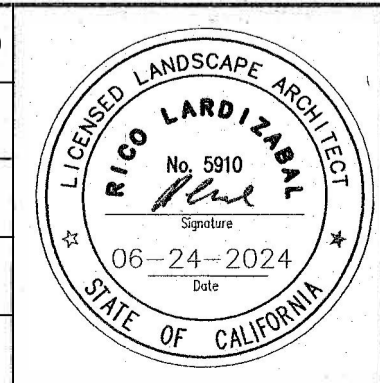
6. THE CONTRACTOR IS ENCOURAGED TO USE RECLAIMED WATER GENERATED BY UNION SANITARY DISTRICT (USD) FOR CONSTRUCTION ACTIVITIES. FOR FURTHER INFORMATION, CONTACT USD AT (510) 477-7500.

7. NOTIFICATION BY THE CONTRACTOR:
PRIOR TO ANY EXCAVATION IN THE VICINITY OF ANY EXISTING UNDERGROUND FACILITIES, INCLUDING ALL WATER, SEWER, STORM DRAIN, GAS, PETROLEUM PRODUCTS, OR OTHER PIPELINES; ALL BURIED ELECTRICAL POWER, COMMUNICATIONS, OR TELEVISION CABLES; ALL TRAFFIC SIGNAL AND STREET LIGHTING FACILITIES; AND ALL ROADWAY AND STATE HIGHWAY RIGHT-OF-WAYS THE CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICE ALERT AGENCY (800.227.2600) AND THE RESPECTIVE AUTHORITIES REPRESENTING THE OWNERS OR AGENCIES RESPONSIBLE FOR SUCH UNDERGROUND FACILITIES NOT LESS THAN 48 HOURS PRIOR TO EXCAVATION SO THAT A REPRESENTATIVE OF SAID OWNERS OR AGENCIES CAN MARK THE UTILITY ALIGNMENT OR BE PRESENT DURING SUCH WORK IF THEY SO DESIRE.

Khandan Bahmani @-25-2024
APPROVED --- KHANDAN BAHMANI, CITY ENGINEER DATE

Ernie Moreira 6-26-2024
REVIEWED --- ERNIE MOREIRA, URBAN LANDSCAPE MANAGER DATE

No.	DATE	REVISION	BY	APPD
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BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

CITY OF Fremont

COVER SHEET

PUBLIC WORKS DEPARTMENT

REVIEWED - SENIOR LANDSCAPE ARCHITECT *Rico Lardizabal* DATE 06/24/2024

RECOMMENDED - PROJECT MANAGER *Constance* DATE 06/24/2024

CITY PROJECT: PWC 9051	SCALE: NA	DRAWING: L0.0
FEDERAL PROJECT:	0 + + + + + 1"	NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.
DESIGNED BY: CC	CHECKED BY: RL	SHEET 1 OF 11
DRAWN BY: CC	DATE: JUNE 2024	

ABBREVIATIONS

(ADDITIONAL ABBREVIATIONS MAY BE LOCATED ON SPECIFIC SHEETS)

AB/ASB	AGGREGATE BASE/SUBBASE	FP	FENCE POST	R	RADIUS
AC	ASPHALT CONCRETE	FS	FINISHED SURFACE	RCP	REINFORCED CONCRETE PIPE
BOC	BACK OF CURB	FTF	FACE TO FACE	ROW	RIGHT OF WAY
BLDG	BUILDING	GB	GRADE BREAK	RT	RIGHT
BM	BENCH MARK	GR	GRATE	RW	RETAINING WALL
BMP	BEST MANAGEMENT PRACTICES	GV	GAS VALVE	SC	SAW CUT
BOW	BACK OF WALK	HVCAB	HIGH VOLTAGE CABINET	SG	SUBGRADE/TOP OF SUBGRADE
BPU	BACKFLOW PREVENTER UNIT	ICC	IRRIGATION CONTROL CABINET	SD	STORM DRAIN
CIP	CAST IN PLACE	INV	INVERT	SDE	STORM DRAIN EASEMENT
CJ	COLD JOINT	IRCV	IRRIGATION REMOTE CONTROL VALVE	SDMH	STORM DRAIN MANHOLE
CLF	CHAIN LINK			SHR	SHRUB
CL	CENTERLINE	IRR	IRRIGATION SPRINKLER HEADS	SL	SLEEVE
CLR	CLEAR	JB	JUNCTION BOX	SP	SPOT ELEVATIONS
CO	CLEANOUT	LOW	LIMIT OF WORK	SS	SANITARY SEWER
CONC	CONCRETE	LV ELE	LOW VOLTAGE ELECTRICAL FOR REMOTE CONTROL VALVES	SSE	SANITARY SEWER EASEMENT
CONFG	CONFORM			SSMH	SANITARY SEWER MANHOLE
COTG	CLEANOUT TO GRADE	LT	LEFT	SW	SIDEWALK
CP	CONCRETE PAD	MAX	MAXIMUM	TB	TOP OF SLOPE
DJ	DEEP JOINT	MIN	MINIMUM	TC	TOP OF CURB
DI	DRAINAGE INLET	MON	MONUMENT	TEMP	TEMPORARY
DWY	DRIVEWAY	(N)	NEW ON CENTER	TG	TOP OF GRATE
DWTC	DRIVEWAY TOP OF CURB	NTS	NOT TO SCALE	T	TREE
(E)	EXISTING	OC	ON CENTER	TRF	TRAFFIC
EP	EDGE OF PAVEMENT	PA	PLANTING AREA	TS	TOE OF SLOPE
EPB	ELECTRICAL PULL BOX	PB/HH	PULLBOX / HAND HOLE	TVB	TELEVISION/CABLE BOX
EQ	EQUAL	PCC	PORTLAND CEMENT CONCRETE	TW	TOP OF WALL
EX	EXISTING	PLTR	PLANTER	TYP	TYPICAL
FC	FACE OF CURB	PP	POWER POLE	VLT	VAULT
FCE	FENCE	PT	POINT	WM	WATER METER
FG	FINISHED GRADE	PVC	POLYVINYL CHLORIDE	WV	WATER VALVE
FL	FLOWLINE	QCV	QUICK COUPLER VALVE		

ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS

WHEREVER IN THE CONTRACT DOCUMENTS AN ORGANIZATION'S ABBREVIATION OR ACRONYM IS USED, IT WILL BE UNDERSTOOD TO MEAN THE FULL NAME OF THE RESPECTIVE ORGANIZATION AS SPECIFIED IN THE VARIOUS SPECIFICATION SECTIONS, AND AS FOLLOWS:

AA Aluminum Association	COF City of Fremont
AABC Associated Air Balance Council	CRSI Concrete Reinforcing Steel Institute
AAMA American Architectural Manufacturer's Association	CS Commercial Standards, United States Department of Commerce
AAN American Association of Nurserymen	DOT United States Department of Transportation
AAR Association of American Railroads	DTSC California Department of Toxic Substances Control
AASHTO American Association of State Highway and Transportation Officials	FFD Fremont Fire Department
ACEH Alameda County Health Agency - Environmental Health	FM Factory Mutual System,
ACI American Concrete Institute	FMC Fremont Municipal Code
ACFCD Alameda County Flood Control District	FS Federal Specifications
ACWD Alameda County Water District	ICC International Code Council
AEIC Association of Edison Illuminating Companies	ICEA Insulated Cable Engineers Association
AGC Associated General Contractors	IEEE Institute of Electrical and Electronic Engineers
AFBMA Anti-friction Bearing Manufacturer's Association	IES Illuminating Engineering Society
AI The Asphalt Institute	IMSA International Municipal Signal Association
AIMA Acoustical and Insulating Materials Institute	IPCEA Insulated Power Cable Engineers Association
AISC American Institute of Steel Construction	ICBO International Conference of Building Officials
AISI American Iron and Steel Institute	ISO International Organization for Standardization
AITC American Institute of Timber Construction	ITE Institute of Traffic Engineers
AMCA Air Moving and Conditioning Association	JIC Joint Industrial Council
ANSI American National Standards Institute, Inc.	LSD Landscape Standard Details
APA American Plywood Association	MSS Manufacturer's Standardization Society
API American Petroleum Institute	NAAMM National Association of Architectural Metal Manufacturer's
APTA American Public Transportation Association	NBFU Nation Board of Fire Underwriters
APWA American Public Works Association	NEBB National Environmental Balancing Bureau
AREMA American Railway Engineering and Maintenance of Way Association	NACF National Association of Corrosion Engineers
ASCE American Society of Civil Engineers	NBS National Bureau of Standards
ASME American Society of Mechanical Engineers	NFPA National Fire Protection Association
ASNT American Society of Non-Destructive Testing	OSHA Occupational Safety and Health Administration (Federal)
ASQC American Society for Quality Control	PCA Portland Cement Association
ASTM American Society for Testing and Materials	PDI Plumbing and Drainage Institute
AWS American Welding Society	PG&E Pacific Gas and Electric Company
BAAQMD Bay Area Air Quality Management District	PS U.S. Products Standards
BBC Basic Building Code, Building Officials and Code Administrators International	PSD Park Standard Details
BHMA Builders Hardware Manufacturer's Association	SMACNA Sheet Metal and Air Conditioning Contractors National Association
Cal-OSHA California Occupational Safety and Health Administration	SSPC Steel Structures Painting Council
CALTRANS State of California Department of Transportation	SWI Sealant and Waterproof Institute
CARB California Air Resources Board	UBC Uniform Building Code
CEQA California Environmental Quality Act	UL Underwriters Laboratories, Inc.
CBC California Building Code	UMC Uniform Mechanical Code
CBSC California Building Standards Commission	UPC Uniform Plumbing Code
CLFMI Chain Link Fence Manufacturer's Institute	USBPR United States Bureau of Public Roads
CMAA Crane Manufacturer's Association of America	USD Union Sanitary District
CPUC California Public Utilities Commission	WIC Woodwork Institute of California

PROJECT NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH THE PROJECT PLANS AND THESE PROJECT SPECIAL PROVISIONS.
- WHERE SPECIFIED, WORK SHALL BE IN CONFORMANCE WITH CALIFORNIA BUILDING CODE STANDARDS. REFER TO THE BUILDING PERMIT AND PROJECT SPECIFICATIONS FOR CLARITY ON BUILDING CODE SECTIONS THAT GOVERN WORK.
- ALL OTHER WORK SHALL BE IN CONFORMANCE WITH CALTRANS STANDARD SPECIFICATIONS, CURRENT EDITION, THESE PROJECT SPECIAL PROVISIONS AND THE CITY OF FREMONT STANDARD DETAILS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMITTAL TO DETERMINE THE EXACT EXTENT AND DEPTH OF SITE DEMOLITION REQUIRED AND VERIFY COMPLIANCE WITH DRAWINGS. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES
- CONTRACTOR SHALL VERIFY SPECIFIC SITE FURNISHINGS TO BE RELOCATED WITH PROJECT LANDSCAPE ARCHITECT PRIOR TO REMOVAL AND RELOCATION.
- CONTRACTOR SHALL VERIFY CONDITION OF EXISTING CLASS 2 BASE ROCK (TO BE PRESERVED IN PLACE) UNDER EXISTING POURED IN PLACE SURFACING WITH PROJECT LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
- THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE CITY REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT. NOTIFY THE CITY REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE AND REDIRECT WORK TO AVOID DELAY.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE CITY TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
- ALL EXISTING ITEMS ARE TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING, AT CONTRACTOR'S EXPENSE, ANY EXISTING ITEM DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY AND ALL DAMAGES TO ADJACENT PROPERTIES. THE DAMAGED ITEMS SHALL BE RESTORED TO AN "AS-WAS" OR BETTER CONDITION OR REPLACED PER THE DISCRETION OF THE CITY'S REPRESENTATIVE.
- ALL (E) TREES, LAWN AND OTHER PLANTINGS LOCATED OUTSIDE THE LIMIT OF WORK LINE SHALL BE PRESERVED TO REMAIN AND BE PROTECTED.
- THE CONTRACTOR IS TO PROTECT DRAINAGE SYSTEM FROM DEBRIS, INCLUDING SOIL, ROCK MATERIAL, AND TRASH FROM ENTERING THE PIPE DURING CONSTRUCTION. CONTRACTOR SHALL AVOID PLACING CONSTRUCTION VEHICLES OVER INSTALLED DRAINAGE TRENCHES TO PREVENT CRUSHING OF PIPE.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING IRRIGATION BEFORE COMMENCING WORK.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING IRRIGATION AND PROVIDE THE REQUIRED COORDINATION FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE CITY AND PROVIDE TEMPORARY IRRIGATION TO ADJACENT PLANTING AREAS IMPACTED BY CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND REPLACEMENT OF ALL IRRIGATION CONTROL WIRING IMPACTED BY CONSTRUCTION. EXISTING AND PROPOSED IRRIGATION SHALL BE FULLY FUNCTIONAL PRIOR TO COMMENCEMENT OF PLANT ESTABLISHMENT PERIOD. CONTRACTOR SHALL BE RESPONSIBLE FOR IRRIGATION OF EXISTING PLANT MATERIAL DURING CONSTRUCTION.
- ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CHALKED, STRING LINED OR FLAGGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MINOR ADJUSTMENTS MADE TO ACHIEVE OVERALL DESIGN LAYOUT SHALL BE ACCEPTED BY THE CITY PRIOR TO CONSTRUCTION
- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY CITY REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
- CONCRETE FINISHES SHALL BE AS NOTED PER DETAILS AND SPECIFICATIONS.
- ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR AND SKILLED WITH IRRIGATION WORK UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN.
- ALL EXISTING PLANT MATERIALS ARE TO BE PROTECTED DURING CONSTRUCTION. PLANTS DAMAGED BY CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- FOR ALL LANDSCAPE DETAILS, SEE CONSTRUCTION DETAILS.

STAGING AND ACCESS NOTES

- CONTRACTOR SHALL PROPOSE AND SUBMIT STAGING PLANS TO LANDSCAPE ARCHITECT FOR APPROVAL 10 WORKING DAYS PRIOR TO CONSTRUCTION.
- STAGING AREA SHALL BE USED FOR STORAGE OF ALL CONTRACTOR EQUIPMENT, MATERIALS AND CITY-FURNISHED ITEMS.
- PRIOR TO VEHICULAR EQUIPMENT ACCESS INTO THE SITE, THE CONTRACTOR MAY NEED TO PROTECT THE EXISTING SURFACES FROM DAMAGE. PROTECTIVE SHEETING OR PLATING TO PROTECT SURFACES SHALL BE PAID FOR IN ALL THE VARIOUS BID ITEMS OR WORK.
- CONTRACTOR SHALL MAINTAIN MAIN PEDESTRIAN PATHWAY CIRCULATION AT ALL TIMES DURING CONSTRUCTION. ANY BLOCKAGES OR DETOURS SHALL BE REQUESTED IN WRITING OR PROPOSED ON PLAN.

GENERAL DEMOLITION NOTES

- CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AT STAGING AREA PRIOR TO BEGINNING OF WORK. EXISTING FENCE MAY BE UTILIZED WITH APPROVAL PROVIDING THAT THE SITE IS COMPLETELY SECURED.
- UNLESS NOTED, ALL UTILITY BOXES, POLES AND FOOTINGS SHALL REMAIN AND BE PROTECTED.
- ALL EXISTING TURF, TREES, LANDSCAPE AND IRRIGATION TO BE PRESERVED IN PLACE, UNLESS OTHERWISE NOTED. ANY DAMAGE TO THE AFOREMENTIONED UTILITIES, OR OTHER CITY PROPERTY SHALL BE REPLACED IN KIND TO THE SATISFACTION OF THE CITY'S LANDSCAPE ARCHITECT
- REFER TO ARTICLE 15, SECTION 01 50 50 "CONSTRUCTION AND DEMOLITION DEBRIS MANAGEMENT" FOR REQUIRED CONSTRUCTION WASTE MANAGEMENT PRACTICES.

APPLICABLE CODES AND REGULATIONS

CALIFORNIA BUILDING CODE (CBC) AND CITY OF FREMONT ORDINANCE NUMBERS:		
CALIFORNIA FIRE CODE	2022 EDITION (CBC)	#24-2013
CALIFORNIA BUILDING CODE	2022 EDITION (CBC)	#23-2013
CALIFORNIA ELECTRIC CODE	2022 EDITION (CBC)	#23-2013
CALIFORNIA GREEN BUILDING STANDARDS SECTIONS:		
5.407.1	WEATHER PROTECTION	
5.407.2	MOISTURE CONTROL	
5.408.1	CONSTRUCTION WASTE MANAGEMENT	
5.504.4	FINISH MATERIAL POLLUTANT CONTROL	

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CITY OF Fremont

REVIEWED – SENIOR LANDSCAPE ARCHITECT *[Signature]*

BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

NOTES AND ABBREVIATIONS

PUBLIC WORKS DEPARTMENT

RECOMMENDED – PROJECT MANAGER *[Signature]*

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC

DRAWN BY: CC

DATE: 06/24/2024

SCALE: NA

0 |-----| 1"

NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING: **L0.1**

SHEET 2 OF 11

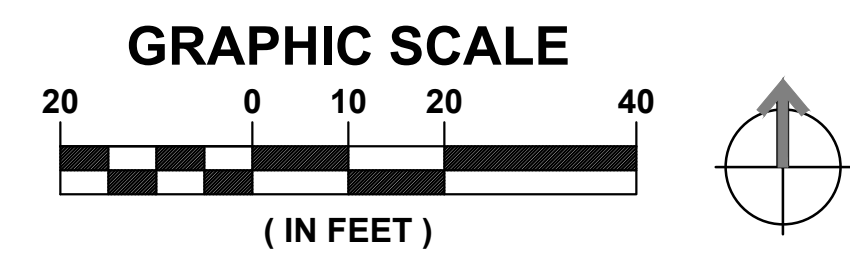


LEGEND:

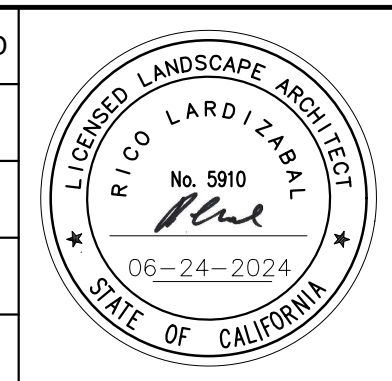
- EXISTING TREE TO REMAIN AND TO BE PROTECTED AT ALL TIMES DURING CONSTRUCTION
- EXISTING 8" X 5.758 LAWN
- EXISTING POINT NUMBER GRADE DESCRIPTION
- EXISTING CONCRETE PAVEMENT TO REMAIN AND BE PROTECTED
- EXISTING POURED-IN-PLACE SYNTHETIC SAFETY SURFACING WITH CLASS 2 AGGREGATE BASE ROCK INSTALLED IN 2011
- EXISTING LATERAL LINE
- EXISTING 4" WATER MAIN LINE
- EXISTING IRRIGATION ROTORS
- EXISTING IRRIGATION CONTROL VALVES
- EXISTING SLEEVE
- STAGING AREA

- EXISTING CONDITIONS NOTES:**
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE PUBLIC WHEN PERFORMING CONSTRUCTION ACTIVITIES.
 - CONFIRM THE EXISTING IRRIGATION SYSTEM IS IN WORKING ORDER PRIOR TO THE COMMENCEMENT OF DEMOLITION. THE LOCATIONS SHOWN FOR EXISTING IRRIGATION SYSTEM IS DIAGRAMMATIC. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE ENTIRE SYSTEM IMPACTED BY CONSTRUCTION AND MAKE THE NECESSARY ADJUSTMENTS PRIOR TO DEMOLITION WORK.
 - EXISTING TURF AREAS AND TREES, BOTH INSIDE AND OUTSIDE OF THE CONSTRUCTION ZONE SHALL REMAIN IRRIGATED. ALL AREAS THAT SUFFER FROM INSUFFICIENT COVERAGE DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
 - AERIAL SHOWN ON THIS PLAN SHALL BE USED FOR REFERENCE ONLY AND NOT TO BE USED AS A DECISION-MAKING TOOL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE PROJECT SITE TO OBSERVE AND VERIFY CONDITIONS AND UTILITIES.

- STAGING NOTES:**
- POTENTIAL STAGING AREA SHALL BE USED FOR STORAGE OF ALL CONTRACTOR EQUIPMENT AND FURNISHED MATERIALS.
 - STAGING AREA, AS DELINEATED, IS APPROXIMATE IN SIZE AND LOCATION. CONTRACTOR SHALL PROVIDE A STAGING PLAN, WHICH IDENTIFIES THE DESIRED LOCATION AND SIZE OF THE AREA.
 - PRIOR TO VEHICULAR AND EQUIPMENT ACCESS INTO THE SITE, THE CONTRACTOR SHALL PROTECT THE EXISTING SURFACES FROM DAMAGE. THE NEED FOR PROTECTIVE SHEETING OR PLATING TO PROTECT THESE SURFACES SHALL BE PAID FOR IN ALL THE VARIOUS BID ITEMS.



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BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

EXISTING CONDITIONS PLAN

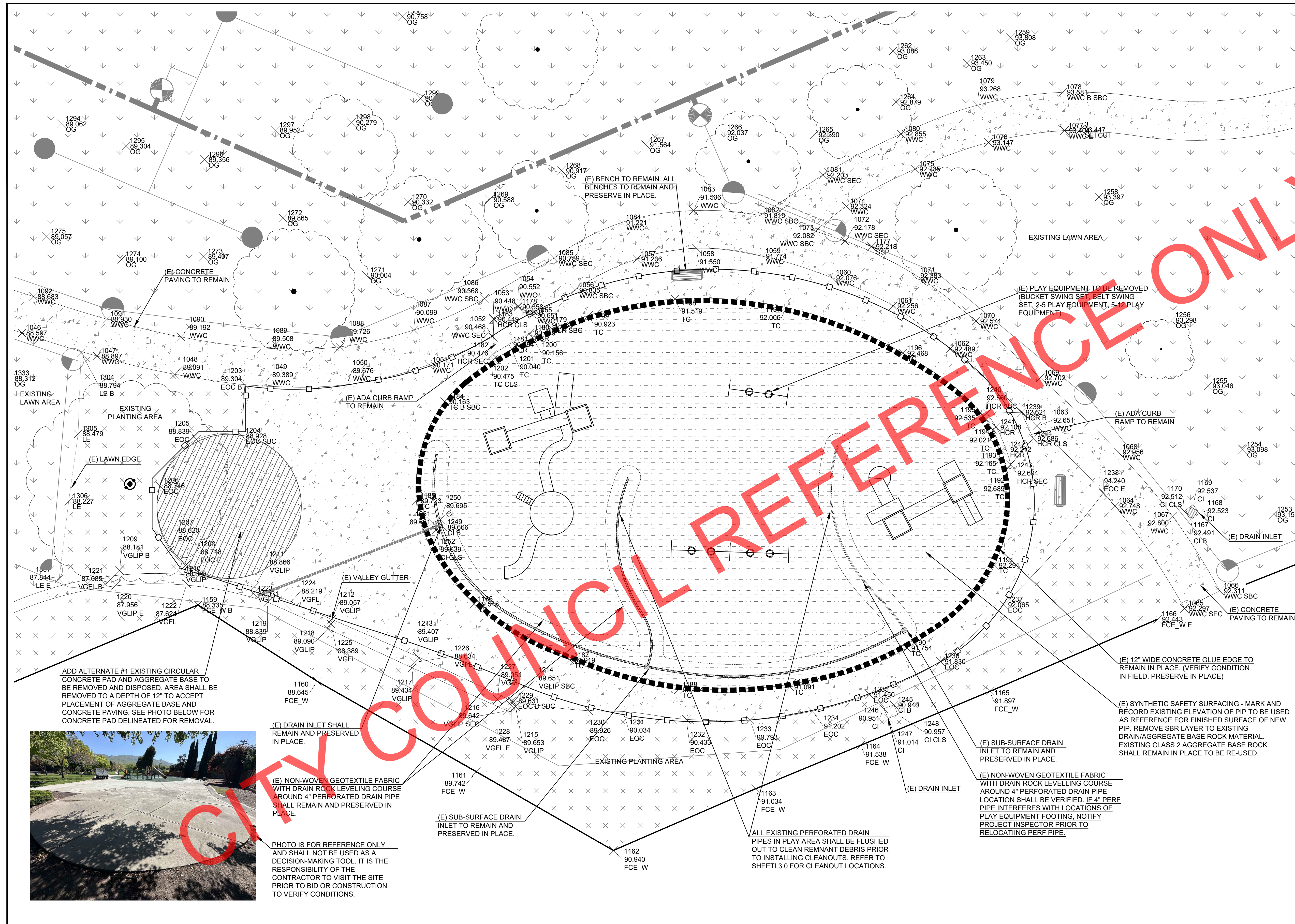
PUBLIC WORKS DEPARTMENT

CITY PROJECT: PWC 9051
 FEDERAL PROJECT:
 DESIGNED BY: CC
 CHECKED BY: RL
 DRAWN BY: CC
 DATE: JUNE 2024

SCALE: 1"=20'-0"
 0 10 20 40
 NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

REVIEWED – SENIOR LANDSCAPE ARCHITECT *Rico Lardizabal* DATE 06/24/2024
 RECOMMENDED – PROJECT MANAGER *Camelia* DATE 06/24/2024

L1.0
SHEET 3 OF 11



LEGEND:

- EXISTING TREE TO REMAIN AND TO BE PROTECTED AT ALL TIMES DURING CONSTRUCTION
- EXISTING SURVEY POINTS: POINT NUMBER GRADE DESCRIPTION
- TEMPORARY CONSTRUCTION FENCING (LIMIT OF WORK)
- TRUNK WRAP PROTECTION FENCING (L4.0)
- (E) CONCRETE PAVING TO REMAIN AND BE PROTECTED
- (E) SYNTHETIC SAFETY SURFACING TO BE REMOVED AND DISPOSED
- (E) CONCRETE PAVING AND AGGREGATE BASE TO BE REMOVED AND DISPOSED

- DEMOLITION NOTES:**
- INSTALL TEMPORARY CONSTRUCTION FENCING PER SPECIFICATIONS. CONTRACTOR SHALL NOT INSTALL TEMPORARY CONSTRUCTION FENCING IN AREAS THAT ARE NOT BEING WORKED ON.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TURF, IRRIGATION OR LANDSCAPE AREAS DAMAGED DURING THE CONSTRUCTION PERIOD WITHIN TEMPORARY CONSTRUCTION FENCED AREAS.
 - PRIOR TO THE DEMOLITION AND REMOVAL OF POURED-IN-PLACE (PIP) SYNTHETIC SAFETY SURFACING, CONTRACTOR SHALL MARK AND TAKE RECORD OF THE EXISTING FINISH SURFACE ELEVATION OF THE EXISTING PIP. THE ELEVATION OF THE NEW SYNTHETIC SAFETY SURFACING SHALL BE INDICATED BY THE FINISHED GRADE OF THE EXISTING PIP.
 - VERIFY LOCATIONS OF EXISTING DRAINAGE SYSTEM AND VERIFY FUNCTIONALITY. CONTACT CONSTRUCTION INSPECTOR AND PROJECT LANDSCAPE ARCHITECT IF DRAINAGE SYSTEM IS FOUND TO BE NON-FUNCTIONAL.
 - CONTRACTOR SHALL NOT RELOCATE EXISTING 4" PERFORATED DRAIN LINE AND LEVELING COURSE UNTIL IT IS VERIFIED THAT THE PROPOSED FOOTING LOCATIONS OF THE PLAY EQUIPMENT WILL INTERFERE WITH THE EXISTING DRAIN LINE. IF EXISTING DRAIN LINE WAS RELOCATED, AND EXISTING LOCATION OF DRAIN LINE DOES NOT INTERFERE WITH PLAY EQUIPMENT FOOTINGS, IT SHALL BE AT THE CONTRACTOR'S EXPENSE. SEE SHEET L3.0.
 - AERIAL SHOWN ON THIS PLAN SHALL BE USED FOR REFERENCE ONLY AND NOT TO BE USED AS A DECISION-MAKING TOOL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE PROJECT SITE TO OBSERVE AND VERIFY CONDITIONS AND UTILITIES.

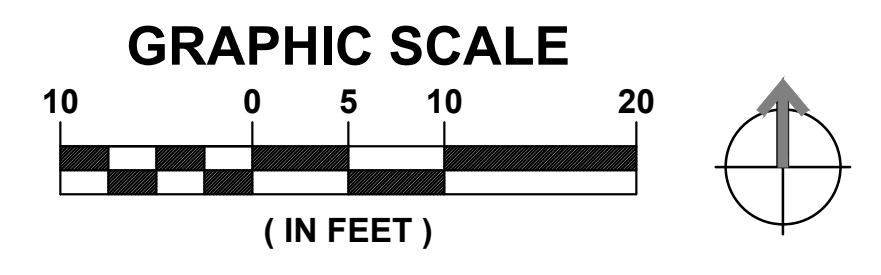
ADD ALTERNATE #1 EXISTING CIRCULAR CONCRETE PAD AND AGGREGATE BASE TO BE REMOVED AND DISPOSED. AREA SHALL BE REMOVED TO A DEPTH OF 12" TO ACCEPT PLACEMENT OF AGGREGATE BASE AND CONCRETE PAVING. SEE PHOTO BELOW FOR CONCRETE PAD DELINEATED FOR REMOVAL.



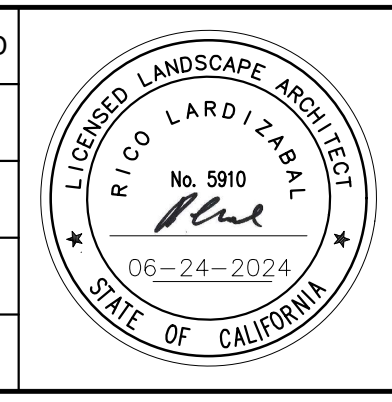
(E) DRAIN INLET SHALL REMAIN AND PRESERVED IN PLACE.

(E) NON-WOVEN GEOTEXTILE FABRIC WITH DRAIN ROCK LEVELING COURSE AROUND 4" PERFORATED DRAIN PIPE SHALL REMAIN AND PRESERVED IN PLACE.

PHOTO IS FOR REFERENCE ONLY AND SHALL NOT BE USED AS A DECISION-MAKING TOOL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE PRIOR TO BID OR CONSTRUCTION TO VERIFY CONDITIONS.



No.	DATE	REVISION	BY	APPD
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CITY OF Fremont

BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

DEMOLITION PLAN

PUBLIC WORKS DEPARTMENT

REVIEWED - SENIOR LANDSCAPE ARCHITECT *Rico Lardizabal* DATE 06/24/2024

RECOMMENDED - PROJECT MANAGER *Camille* DATE 06/24/2024

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC CHECKED BY: RL

DRAWN BY: CC DATE: JUNE 2024

SCALE: 1"=10'-0"

0 5 10 20

NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.


L1.1

SHEET 4 OF 11

CITY COUNCIL REFERENCE ONLY

MATERIAL NOTES:
 1. SCORE JOINTS AND DEEP JOINTS SHOWN ARE DIAGRAMMATIC. REFER TO DETAIL #3 ON SHEET L5.0 FOR JOINT SPACING GUIDELINES.

MATERIAL LEGEND:



CONCRETE PAVING WITH SCORE JOINTS OR DEEP JOINTS (ADD ALTERNATE #1)

STATIONING AND LAYOUT LEGEND:

BP1 BEGINNING OF ALIGNMENT 1 AT EXISTING SURVEY CONTROL
 SETCUT POINT: 88.112
 NORTHING 1999816.80
 EASTING 6149566.93

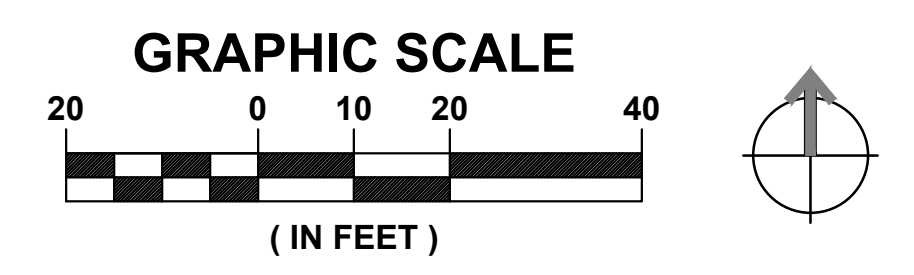
BP2 BEGINNING OF ALIGNMENT 2 AT EXISTING SURVEY CONTROL
 SETCUT POINT: 93.447
 NORTHING 1999837.40
 EASTING 6149819.50

--- CONFORM

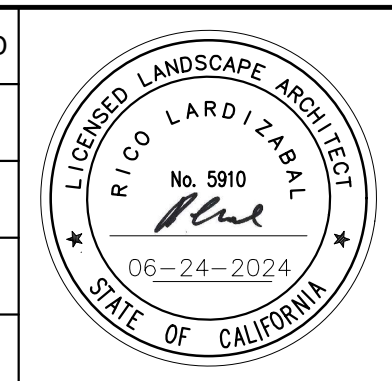
STATIONING AND LAYOUT NOTES:
 1. DIMENSION LINES ARE TO ASSIST CONTRACTOR WITH VERIFYING LAYOUT. IF DISCREPANCIES EXIST NOTIFY PROJECT LANDSCAPE ARCHITECT.
 2. ALIGNMENTS SHOWN ARE IN 90 DEGREES.

- 4 CONCRETE ADA PICNIC TABLE, TYP. L4.1
 - 3 TRASH RECEPTACLE, TYP. L4.1
 - 3 RECYCLE RECEPTACLE, TYP. L4.1
- ADD ALTERNATES #1 & 2

REFER TO SHEET L3.0, L3.1, L3.2 AND L3.3 FOR DIMENSIONING AND LAYOUT OF PLAY EQUIPMENT AND PIP SYNTHETIC SAFETY SURFACING.



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BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

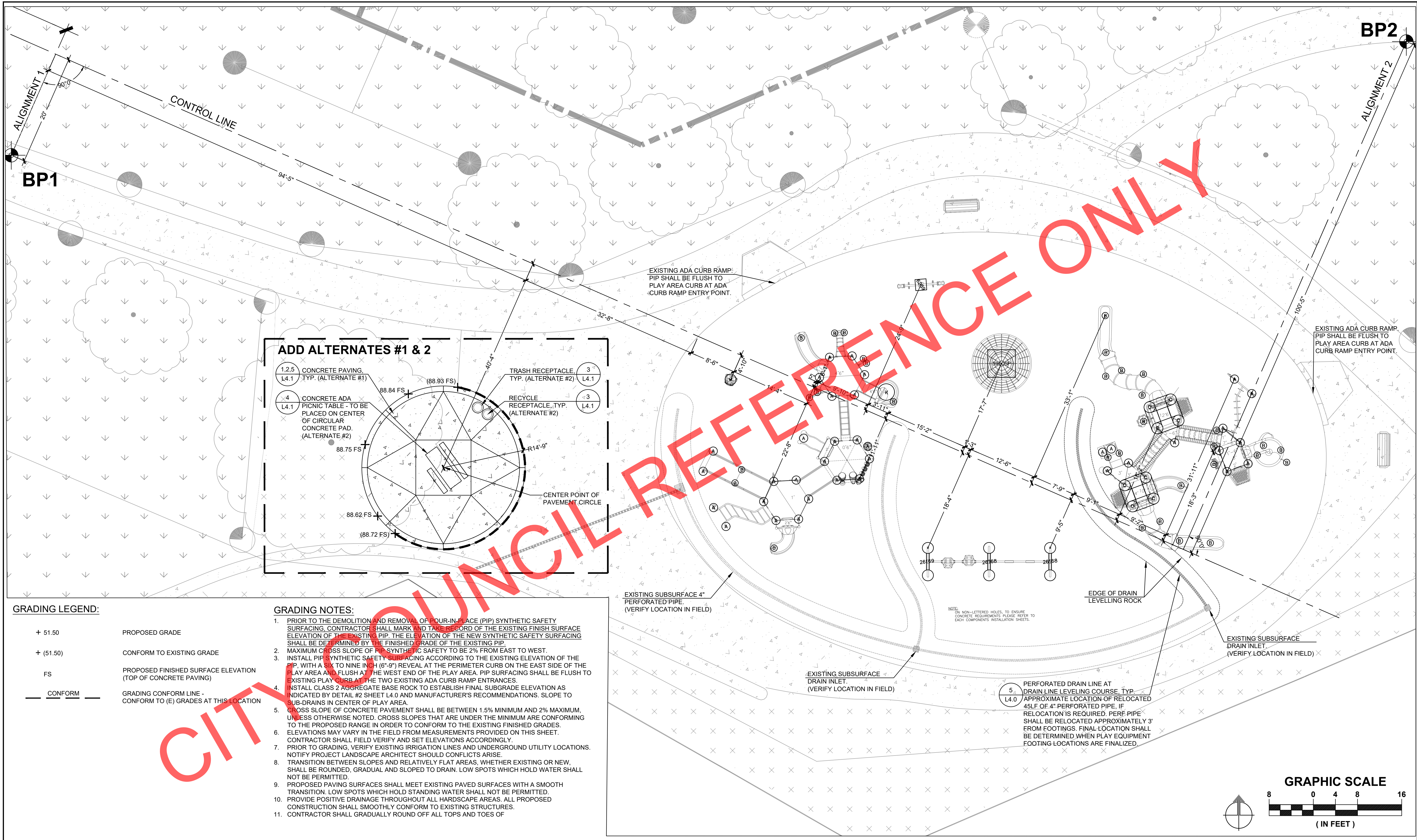
MATERIAL REFERENCE, STATIONING AND LAYOUT PLAN

PUBLIC WORKS DEPARTMENT

REVIEWED - SENIOR LANDSCAPE ARCHITECT *Rico* DATE 06/24/2024
 RECOMMENDED - PROJECT MANAGER *Camisha* DATE 06/24/2024

CITY PROJECT: PWC 9051	SCALE: 1"=20'-0"	DRAWING:
FEDERAL PROJECT:	0 10 20 40 1"	L2.0
DESIGNED BY: CC	CHECKED BY: RL	
DRAWN BY: CC	DATE: JUNE 2024	SHEET 5 OF 11

NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.



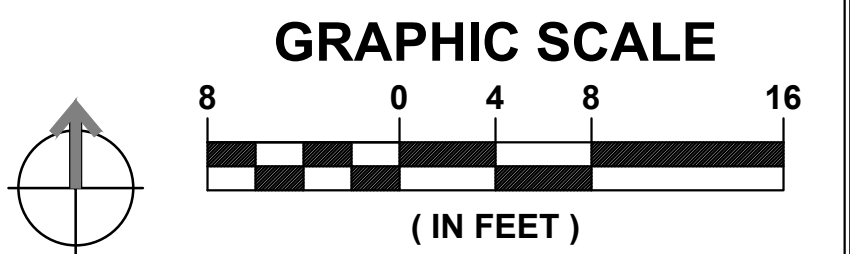
GRADING LEGEND:

- + 51.50 PROPOSED GRADE
- + (51.50) CONFORM TO EXISTING GRADE
- FS PROPOSED FINISHED SURFACE ELEVATION (TOP OF CONCRETE PAVING)
- CONFORM GRADING CONFORM LINE - CONFORM TO (E) GRADES AT THIS LOCATION

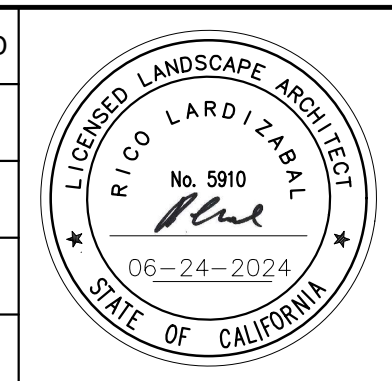
GRADING NOTES:

1. PRIOR TO THE DEMOLITION AND REMOVAL OF POUR-IN-PLACE (PIP) SYNTHETIC SAFETY SURFACING, CONTRACTOR SHALL MARK AND TAKE RECORD OF THE EXISTING FINISH SURFACE ELEVATION OF THE EXISTING PIP. THE ELEVATION OF THE NEW SYNTHETIC SAFETY SURFACING SHALL BE DETERMINED BY THE FINISHED GRADE OF THE EXISTING PIP.
2. MAXIMUM CROSS SLOPE OF PIP SYNTHETIC SAFETY TO BE 2% FROM EAST TO WEST.
3. INSTALL PIP SYNTHETIC SAFETY SURFACING ACCORDING TO THE EXISTING ELEVATION OF THE PIP, WITH A SIX TO NINE INCH (6"-9") REVEAL AT THE PERIMETER CURB ON THE EAST SIDE OF THE PLAY AREA AND FLUSH AT THE WEST END OF THE PLAY AREA. PIP SURFACING SHALL BE FLUSH TO EXISTING PLAY CURB AT THE TWO EXISTING ADA CURB RAMP ENTRANCES.
4. INSTALL CLASS 2 AGGREGATE BASE ROCK TO ESTABLISH FINAL SUBGRADE ELEVATION AS INDICATED BY DETAIL #2 SHEET L4.0 AND MANUFACTURER'S RECOMMENDATIONS. SLOPE TO SUB-DRAINS IN CENTER OF PLAY AREA.
5. CROSS SLOPE OF CONCRETE PAVEMENT SHALL BE BETWEEN 1.5% MINIMUM AND 2% MAXIMUM, UNLESS OTHERWISE NOTED. CROSS SLOPES THAT ARE UNDER THE MINIMUM ARE CONFORMING TO THE PROPOSED RANGE IN ORDER TO CONFORM TO THE EXISTING FINISHED GRADES. ELEVATIONS MAY VARY IN THE FIELD FROM MEASUREMENTS PROVIDED ON THIS SHEET. CONTRACTOR SHALL FIELD VERIFY AND SET ELEVATIONS ACCORDINGLY.
7. PRIOR TO GRADING, VERIFY EXISTING IRRIGATION LINES AND UNDERGROUND UTILITY LOCATIONS. NOTIFY PROJECT LANDSCAPE ARCHITECT SHOULD CONFLICTS ARISE.
8. TRANSITION BETWEEN SLOPES AND RELATIVELY FLAT AREAS, WHETHER EXISTING OR NEW, SHALL BE ROUNDED, GRADUAL AND SLOPED TO DRAIN. LOW SPOTS WHICH HOLD WATER SHALL NOT BE PERMITTED.
9. PROPOSED PAVING SURFACES SHALL MEET EXISTING PAVED SURFACES WITH A SMOOTH TRANSITION. LOW SPOTS WHICH HOLD STANDING WATER SHALL NOT BE PERMITTED.
10. PROVIDE POSITIVE DRAINAGE THROUGHOUT ALL HARDSCAPE AREAS. ALL PROPOSED CONSTRUCTION SHALL SMOOTHLY CONFORM TO EXISTING STRUCTURES.
11. CONTRACTOR SHALL GRADUALLY ROUND OFF ALL TOPS AND TOES OF

CITY COUNCIL REFERENCE ONLY



No.	DATE	REVISION	BY	APPD
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REVIEWED - SENIOR LANDSCAPE ARCHITECT

BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

PLAY AREA LAYOUT AND GRADING AND DRAINAGE PLAN

PUBLIC WORKS DEPARTMENT

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC

CHECKED BY: RL

DRAWN BY: CC

DATE: JUNE 2024

SCALE: 1/8"=1'-0"

0 4 8 16

NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

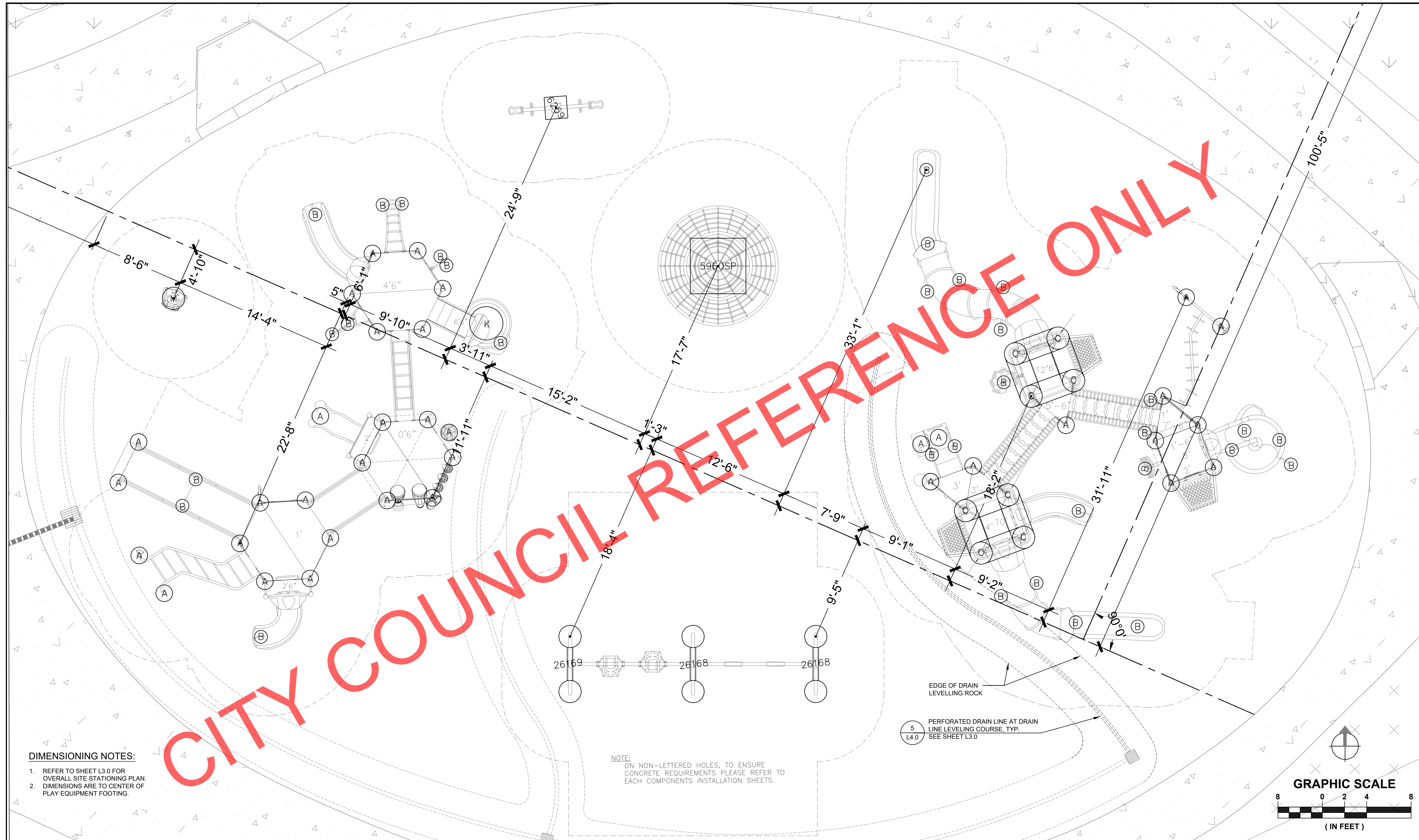
DRAWING: **L3.0**

SHEET 6 OF 11

RECOMMENDED - PROJECT MANAGER

DATE: 06/24/2024

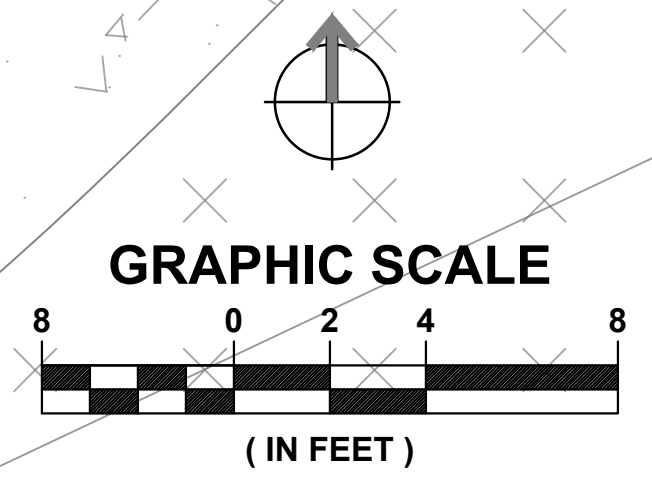
DATE: 06/24/2024



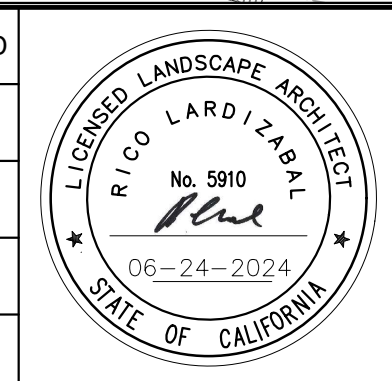
DIMENSIONING NOTES:
 1. REFER TO SHEET L3.0 FOR OVERALL SITE STATIONING PLAN.
 2. DIMENSIONS ARE TO CENTER OF PLAY EQUIPMENT FOOTING.

NOTE:
 ON NON-LETTERED HOLES, TO ENSURE CONCRETE REQUIREMENTS PLEASE REFER TO EACH COMPONENTS INSTALLATION SHEETS.

EDGE OF DRAIN LEVELLING ROCK
 PERFORATED DRAIN LINE AT DRAIN LINE LEVELLING COURSE, TYP. SEE SHEET L3.0



No.	DATE	REVISION	BY	APPD
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BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

PLAY EQUIPMENT DIMENSIONING PLAN

PUBLIC WORKS DEPARTMENT

RECOMMENDED - PROJECT MANAGER [Signature] DATE 06/24/2024

CITY PROJECT: PWC 9051
 FEDERAL PROJECT:
 DESIGNED BY: CC
 CHECKED BY: RL
 DRAWN BY: CC
 DATE: JUNE 2024

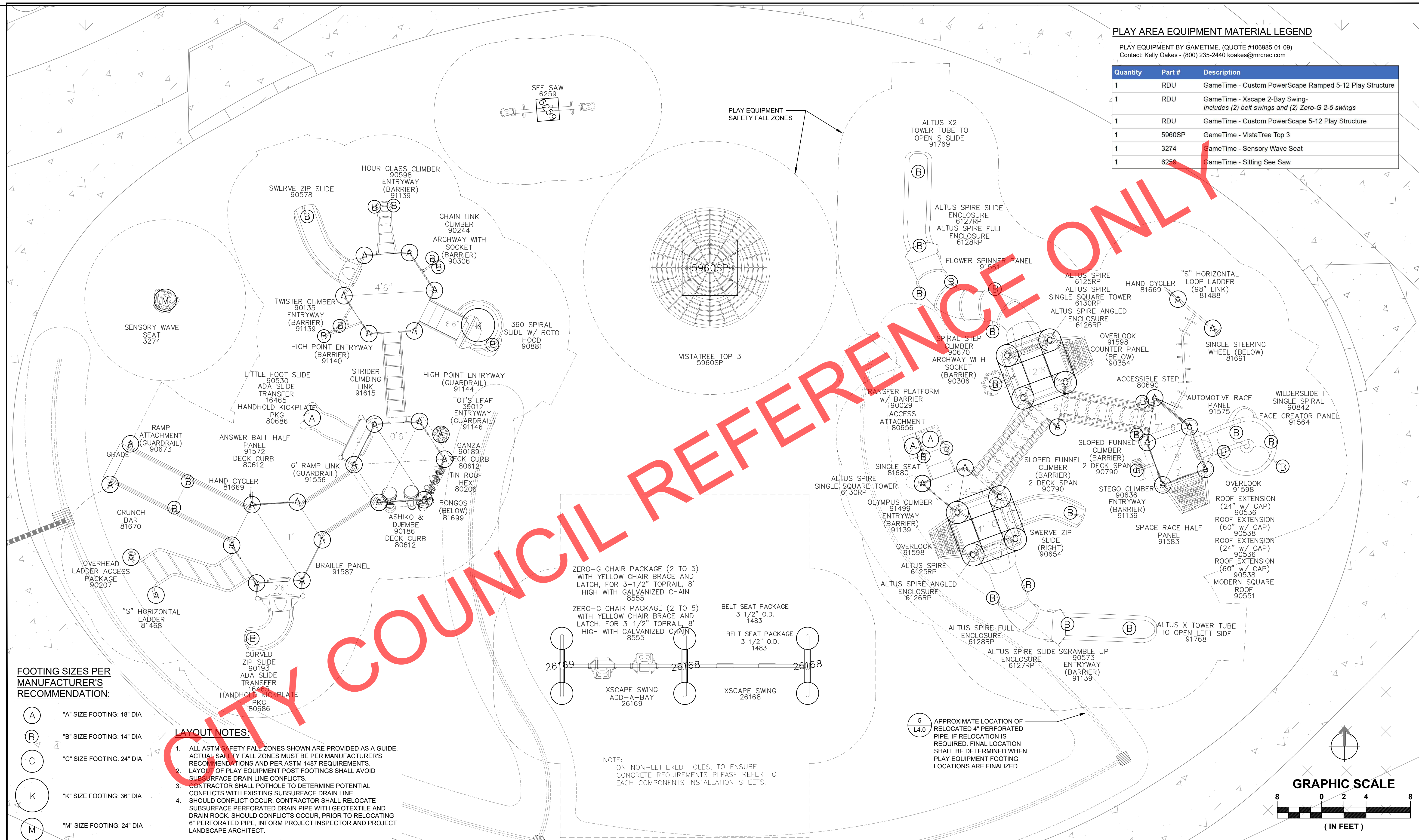
SCALE: 1/4"=1'-0"
 0 1"
 NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING: **L3.1**
 SHEET 7 OF 11

PLAY AREA EQUIPMENT MATERIAL LEGEND

PLAY EQUIPMENT BY GAMETIME, (QUOTE #106985-01-09)
 Contact: Kelly Oakes - (800) 235-2440 koakes@mrcrec.com

Quantity	Part #	Description
1	RDU	GameTime - Custom PowerScape Ramped 5-12 Play Structure
1	RDU	GameTime - Xscape 2-Bay Swing- Includes (2) belt swings and (2) Zero-G 2-5 swings
1	RDU	GameTime - Custom PowerScape 5-12 Play Structure
1	5960SP	GameTime - VistaTree Top 3
1	3274	GameTime - Sensory Wave Seat
1	6259	GameTime - Sitting See Saw



COUNCIL REFERENCE ONLY

FOOTING SIZES PER MANUFACTURER'S RECOMMENDATION:

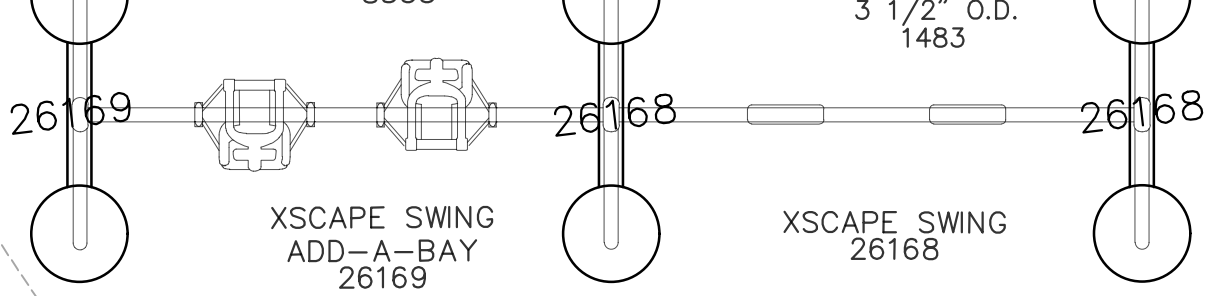
- (A) "A" SIZE FOOTING: 18" DIA
- (B) "B" SIZE FOOTING: 14" DIA
- (C) "C" SIZE FOOTING: 24" DIA
- (K) "K" SIZE FOOTING: 36" DIA
- (M) "M" SIZE FOOTING: 24" DIA

LAYOUT NOTES:

- ALL ASTM SAFETY FALL ZONES SHOWN ARE PROVIDED AS A GUIDE. ACTUAL SAFETY FALL ZONES MUST BE PER MANUFACTURER'S RECOMMENDATIONS AND PER ASTM 1487 REQUIREMENTS.
- LAYOUT OF PLAY EQUIPMENT POST FOOTINGS SHALL AVOID SUBSURFACE DRAIN LINE CONFLICTS.
- CONTRACTOR SHALL POT HOLE TO DETERMINE POTENTIAL CONFLICTS WITH EXISTING SUBSURFACE DRAIN LINE.
- SHOULD CONFLICT OCCUR, CONTRACTOR SHALL RELOCATE SUBSURFACE PERFORATED DRAIN PIPE WITH GEOTEXTILE AND DRAIN ROCK. SHOULD CONFLICTS OCCUR, PRIOR TO RELOCATING 6" PERFORATED PIPE, INFORM PROJECT INSPECTOR AND PROJECT LANDSCAPE ARCHITECT.

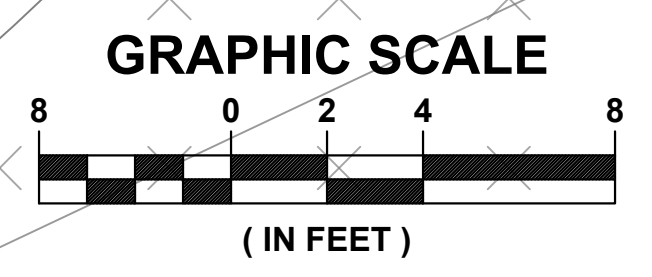
ZERO-G CHAIR PACKAGE (2 TO 5) WITH YELLOW CHAIR BRACE AND LATCH, FOR 3-1/2" TOPRAIL, 8' HIGH WITH GALVANIZED CHAIN 8555

ZERO-G CHAIR PACKAGE (2 TO 5) WITH YELLOW CHAIR BRACE AND LATCH, FOR 3-1/2" TOPRAIL, 8' HIGH WITH GALVANIZED CHAIN 8555

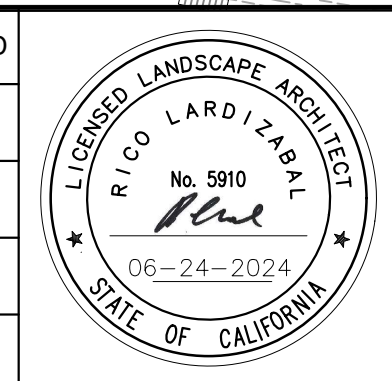


NOTE: ON NON-LETTERED HOLES, TO ENSURE CONCRETE REQUIREMENTS PLEASE REFER TO EACH COMPONENTS INSTALLATION SHEETS.

5 APPROXIMATE LOCATION OF RELOCATED 4" PERFORATED PIPE, IF RELOCATION IS REQUIRED. FINAL LOCATION SHALL BE DETERMINED WHEN PLAY EQUIPMENT FOOTING LOCATIONS ARE FINALIZED.



No.	DATE	REVISION	BY	APPD



BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

PLAY EQUIPMENT LAYOUT PLAN

PUBLIC WORKS DEPARTMENT

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC

DRAWN BY: CC

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

0 1" NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

CHECKED BY: RL

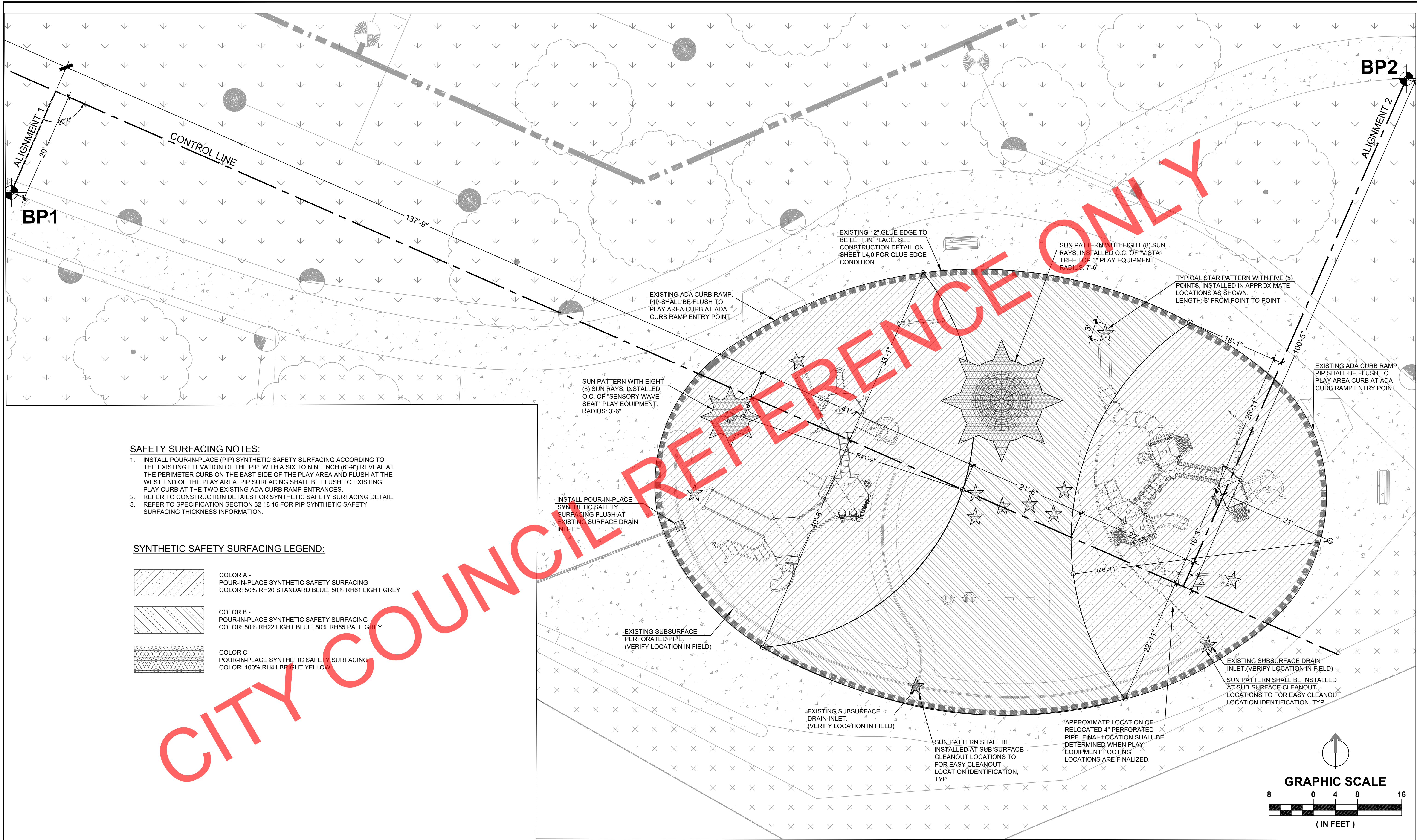
DATE: JUNE 2024

RECOMMENDED - PROJECT MANAGER

DATE: 06/24/2024

DRAWING: **L3.2**

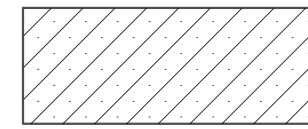

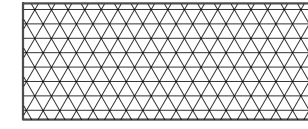
SHEET 8 OF 11

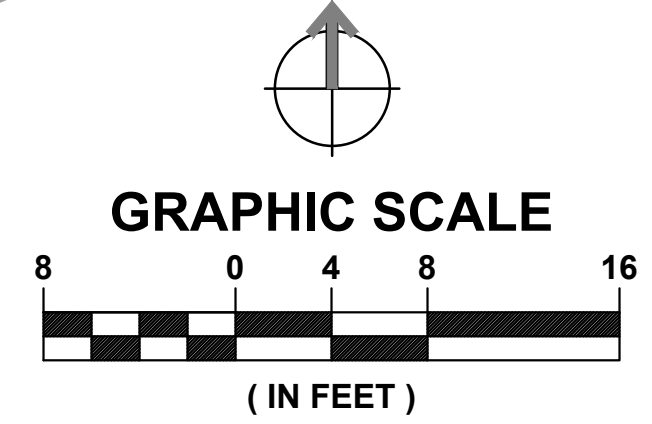


SAFETY SURFACING NOTES:

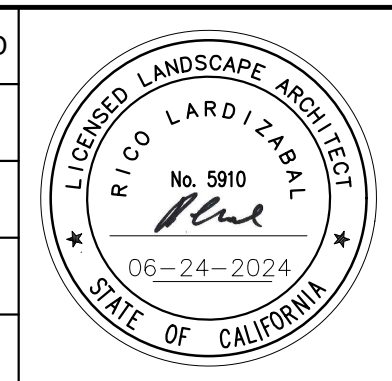
1. INSTALL POUR-IN-PLACE (PIP) SYNTHETIC SAFETY SURFACING ACCORDING TO THE EXISTING ELEVATION OF THE PIP, WITH A SIX TO NINE INCH (6"-9") REVEAL AT THE PERIMETER CURB ON THE EAST SIDE OF THE PLAY AREA AND FLUSH AT THE WEST END OF THE PLAY AREA. PIP SURFACING SHALL BE FLUSH TO EXISTING PLAY CURB AT THE TWO EXISTING ADA CURB RAMP ENTRANCES.
2. REFER TO CONSTRUCTION DETAILS FOR SYNTHETIC SAFETY SURFACING DETAIL.
3. REFER TO SPECIFICATION SECTION 32 18 16 FOR PIP SYNTHETIC SAFETY SURFACING THICKNESS INFORMATION.


SYNTHETIC SAFETY SURFACING LEGEND:

	COLOR A - POUR-IN-PLACE SYNTHETIC SAFETY SURFACING COLOR: 50% RH20 STANDARD BLUE, 50% RH61 LIGHT GREY
	COLOR B - POUR-IN-PLACE SYNTHETIC SAFETY SURFACING COLOR: 50% RH22 LIGHT BLUE, 50% RH65 PALE GREY
	COLOR C - POUR-IN-PLACE SYNTHETIC SAFETY SURFACING COLOR: 100% RH41 BRIGHT YELLOW



No.	DATE	REVISION	BY	APPD
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CITY OF Fremont

REVIEWED - SENIOR LANDSCAPE ARCHITECT

BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

POUR-IN-PLACE SYNTHETIC SAFETY SURFACING LAYOUT

PUBLIC WORKS DEPARTMENT

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC

CHECKED BY: RL

DRAWN BY: CC

DATE: JUNE 2024

SCALE: 1/8"=1'-0"

0 4 8 16

NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

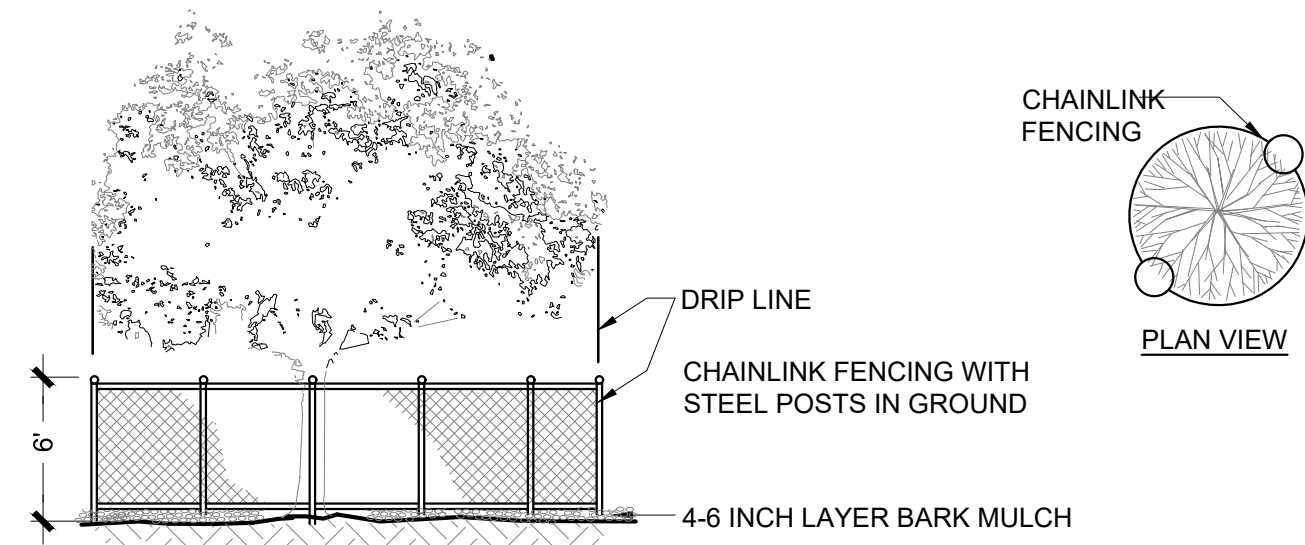
DRAWING: **L3.3**

SHEET 9 OF 11

RECOMMENDED - PROJECT MANAGER

DATE: 06/24/2024

DATE: 06/24/2024

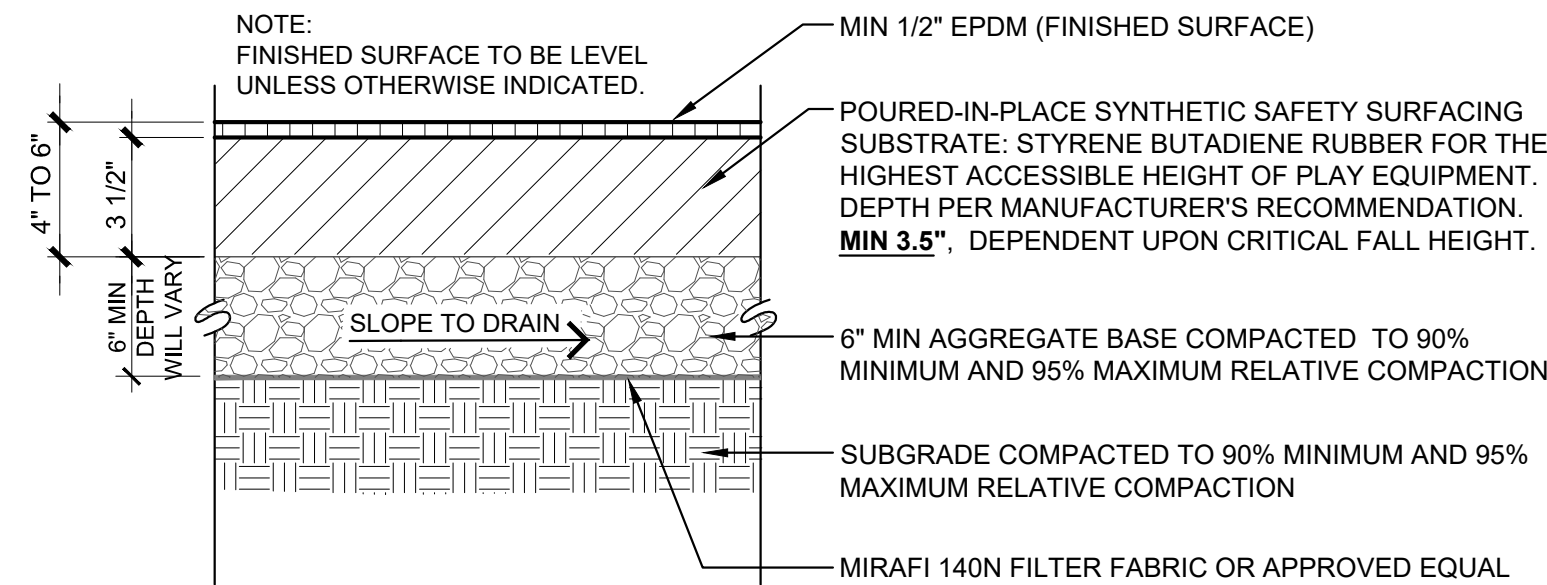


TREE PROTECTION NOTES

- CURRENT STANDARD DETAIL AT CITY ENGINEERING DIVISION SHALL PREVAIL.
- TREE PROTECTION MEASURES MUST BE IN PLACE BEFORE CONSTRUCTION. DEMOLITION AND/OR GRADING ACTIVITIES COMMENCE. CITY OF FREMONT WILL STOP CONSTRUCTION IF TREE PROTECTION MEASURES ARE NOT IN PLACE AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- TREES CALLED OUT FOR PRESERVATION SHALL BE FENCED AT THE DRIPLINE. FENCING MAY OCCUR AT THE COMBINED DRIPLINES OF GROVES OF TREES. PLACE 4-6 INCH BARK MULCH BENEATH DRIPLINES OF TREES TO BE PRESERVED. KEEP BARK 2-3 FEET FROM TREE TRUNK.
- FENCING SHALL BE 6 FEET TALL CHAIN LINK FENCING WITH STEEL POSTS EMBEDDED IN THE GROUND.
- NO GRADING SHALL OCCUR WITHIN THE DRIPLINES/FENCED AREA OF EXISTING TREES.
- NO CONSTRUCTION MATERIALS OR CONSTRUCTION VEHICLES MAY BE STORED WITHIN THE DRIPLINES/FENCED AREA OF EXISTING TREES.
- CONSTRUCTION VEHICLES OR MACHINERY MAY NOT PASS BETWEEN TWO OR MORE EXISTING TREES IDENTIFIED FOR PRESERVATION IF THEIR CANOPIES ARE WITHIN 10 FEET OF TOUCHING. ADDITIONAL FENCING MAY BE REQUIRED BY THE CITY AS NEEDED.
- THE CONTRACTOR IS REQUIRED TO HAVE AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA), APPROVED BY THE CITY, ON SITE IF SITE CONSTRUCTION EFFORTS REQUIRE REMOVAL OF EXISTING ROOTS OR BRANCH PRUNING. ROOTS APPROVED FOR CUTTING MUST BE CUT CLEANLY WITH A SAW. RIPPING OR SHREDDING ROOTS SUBJECT TO FINE/PENALTY.
- UNAUTHORIZED TREE REMOVAL IS SUBJECT TO REPLACEMENT EQUAL TO THE APPRAISED VALUE OF THE TREE LOST PER FMC 4-5108.
- THE CONTRACTOR IS REQUIRED TO WATER, FERTILIZE AND ATTEND TO OTHER MAINTENANCE NEEDS OF EXISTING TREES TO MAINTAIN HEALTHY GROWTH THROUGHOUT THE CONSTRUCTION PERIOD. AN EARTH BERM MEASURING MINIMUM 6 FEET IN DIAMETER, AND 6 INCHES IN HEIGHT SHALL BE CONSTRUCTED AT THE BASE OF EACH TREE TO FUNCTION AS A TEMPORARY WATERING BASIN DURING THE CONSTRUCTION PERIOD. TREES SHALL BE WATERED ACCORDING TO WEATHER AND TREE SPECIES REQUIREMENTS.
- IF TREES ARE BEING RELOCATED: RELOCATION OF EXISTING TREES SHALL OCCUR UNDER THE OBSERVATION AND DIRECTION OF A CERTIFIED ARBORIST APPROVED BY THE CITY OF FREMONT.

1 TREE PROTECTION FENCING

NTS

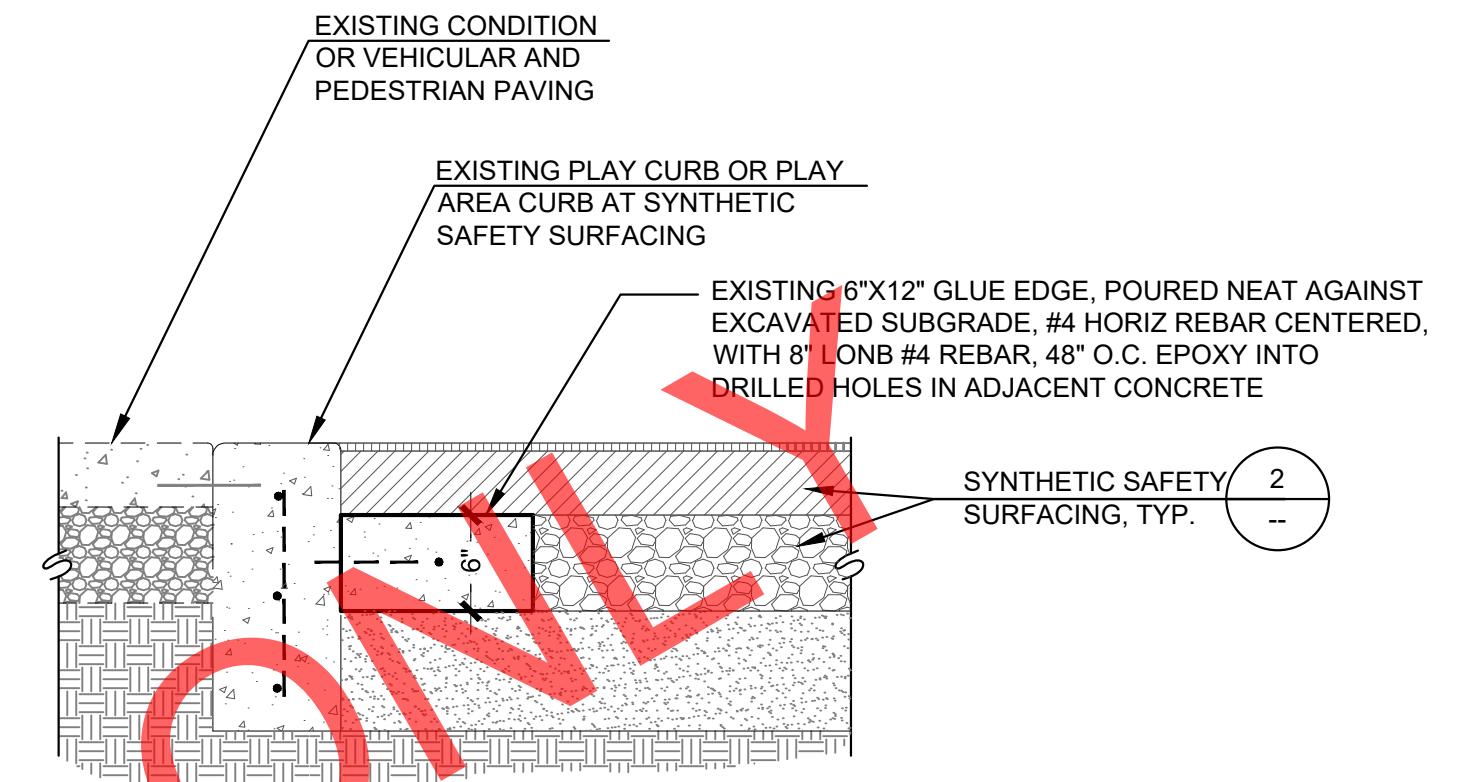


NOTE: FINISHED SURFACE TO BE LEVEL UNLESS OTHERWISE INDICATED.

NOTE: REFER TO SECTION 32 18 16 FOR PLAY SURFACING THICKNESS.

2 SYNTHETIC SAFETY SURFACING

N.T.S.

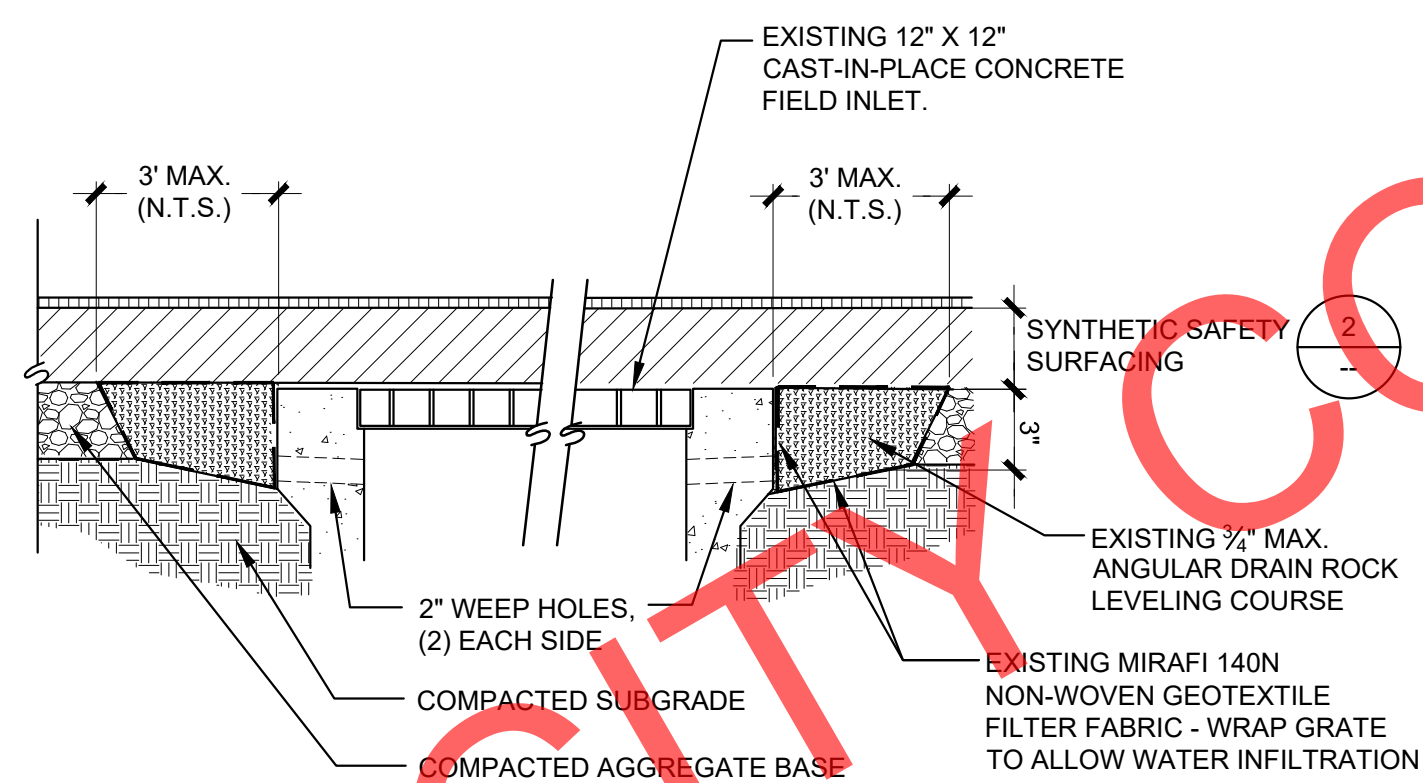


NOTES:
1. CONCRETE GLUE EDGE DETAIL IS "FOR REFERENCE ONLY" TO SHOW EXISTING CONDITIONS AND TO SHOW POUR-IN-PLACE SYNTHETIC SAFETY SURFACING INSTALLATION INTERFACE.

3 CONCRETE GLUE EDGE

SCALE: 1" = 1'-0"

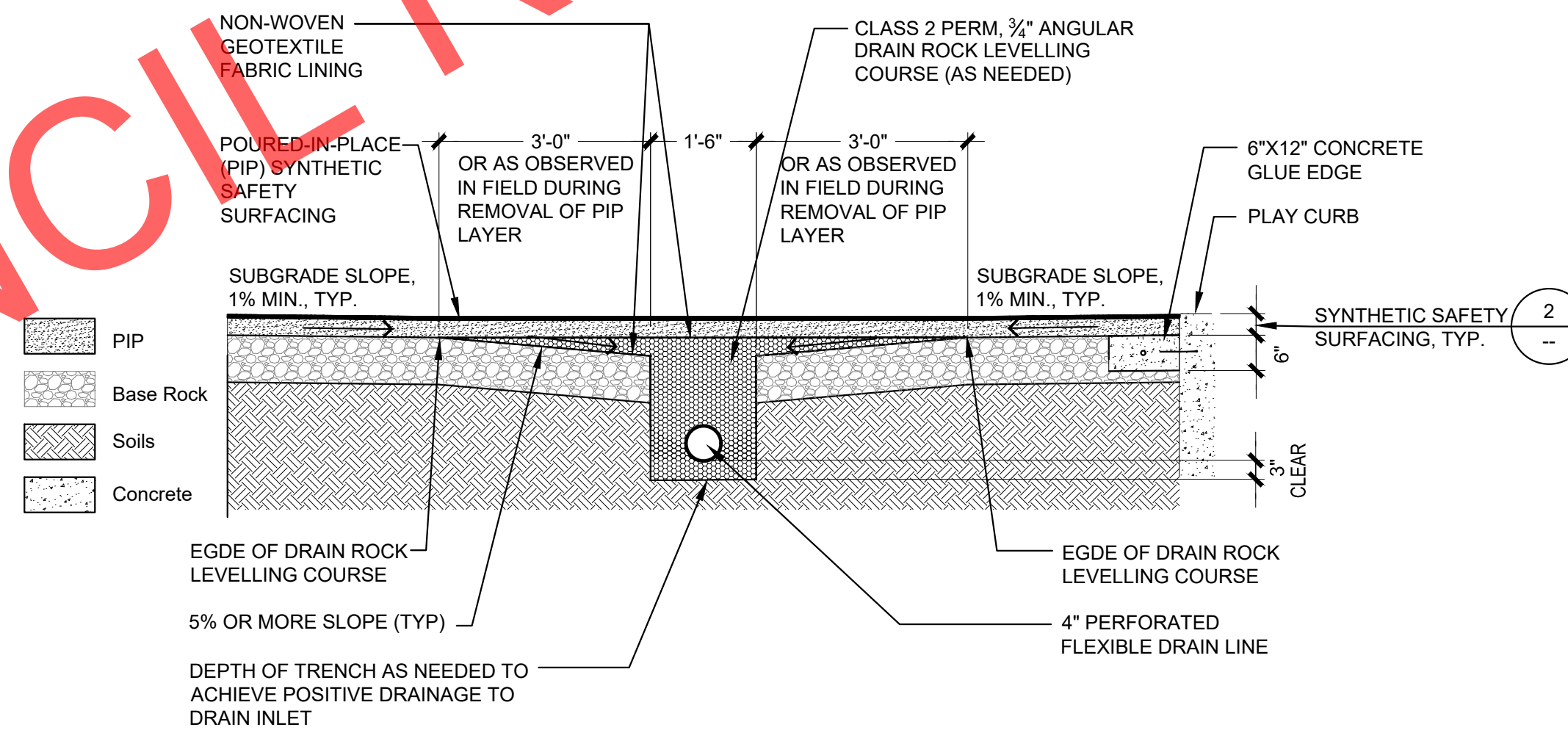
(FOR REFERENCE ONLY TO SHOW CONDITIONS)



4 SUB-SURFACE DRAIN INLET AT SYNTHETIC SAFETY SURFACING

SCALE: 1" = 1'-0"

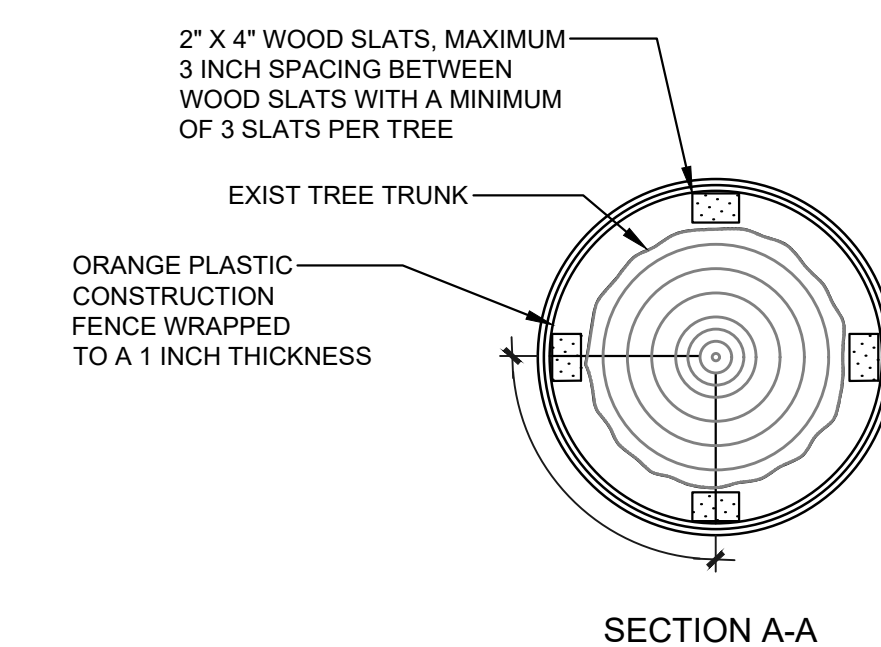
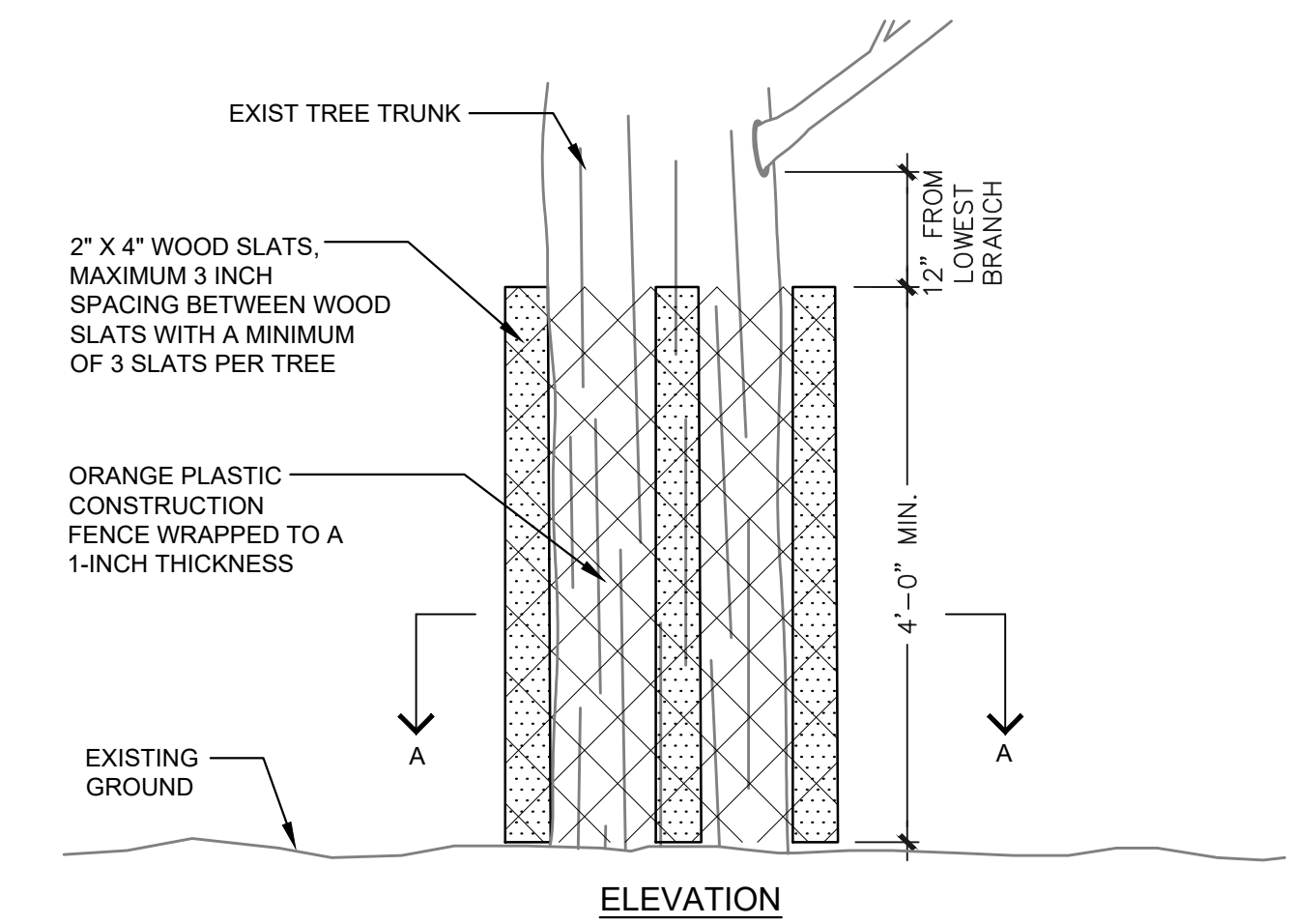
(FOR REFERENCE ONLY TO SHOW CONDITIONS)



NOTES:
1. REFER TO SECTION 32 11 23 FOR CLASS 2 PERMEABLE DRAIN ROCK, CLASS 2 AGGREGATE BASE AND SUBGRADE COMPACTION INFORMATION.

5 PERFORATED DRAIN LINE AT DRAIN LINE LEVELING COURSE

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



NOTE:
1. TEMPORARY TRUNK WRAP PROTECTION WILL BE APPLIED TO TREES REQUIRING PROTECTION.
2. WRAP ORANGE PLASTIC CONSTRUCTION FENCE ON TOP OF WOOD SLATS WITH AN OVERLAP OF 12 INCHES AND TIE WITH WIRE. SEE SECTION BELOW.
3. TEMPORARY TRUNK WRAP PROTECTION WILL BE ALLOWED ONLY BY APPROVAL FROM THE PROJECT LANDSCAPE ARCHITECT
4. DAMAGE TO BRANCHES & ROOTS SUBJECT TO FINE UP TO APPRAISED VALUE OF THE TREE, PER CITY TREE PRESERVATION ORDINANCE (FMC 4-5100). REFER TO LSD-9 FOR ADDITIONAL TREE PRESERVATION REQUIREMENTS APPLICABLE TO THIS DETAIL.

6 TEMPORARY TRUNK WRAP PROTECTION

SCALE: N.T.S.

No.	DATE	REVISION	BY	APPD



BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

CONSTRUCTION DETAILS
PUBLIC WORKS DEPARTMENT

REVIEWED - SENIOR LANDSCAPE ARCHITECT

DATE: 06/24/2024

RECOMMENDED - PROJECT MANAGER

DATE: 06/24/2024

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC

CHECKED BY: RL

DRAWN BY: CC

DATE: JUNE 2024

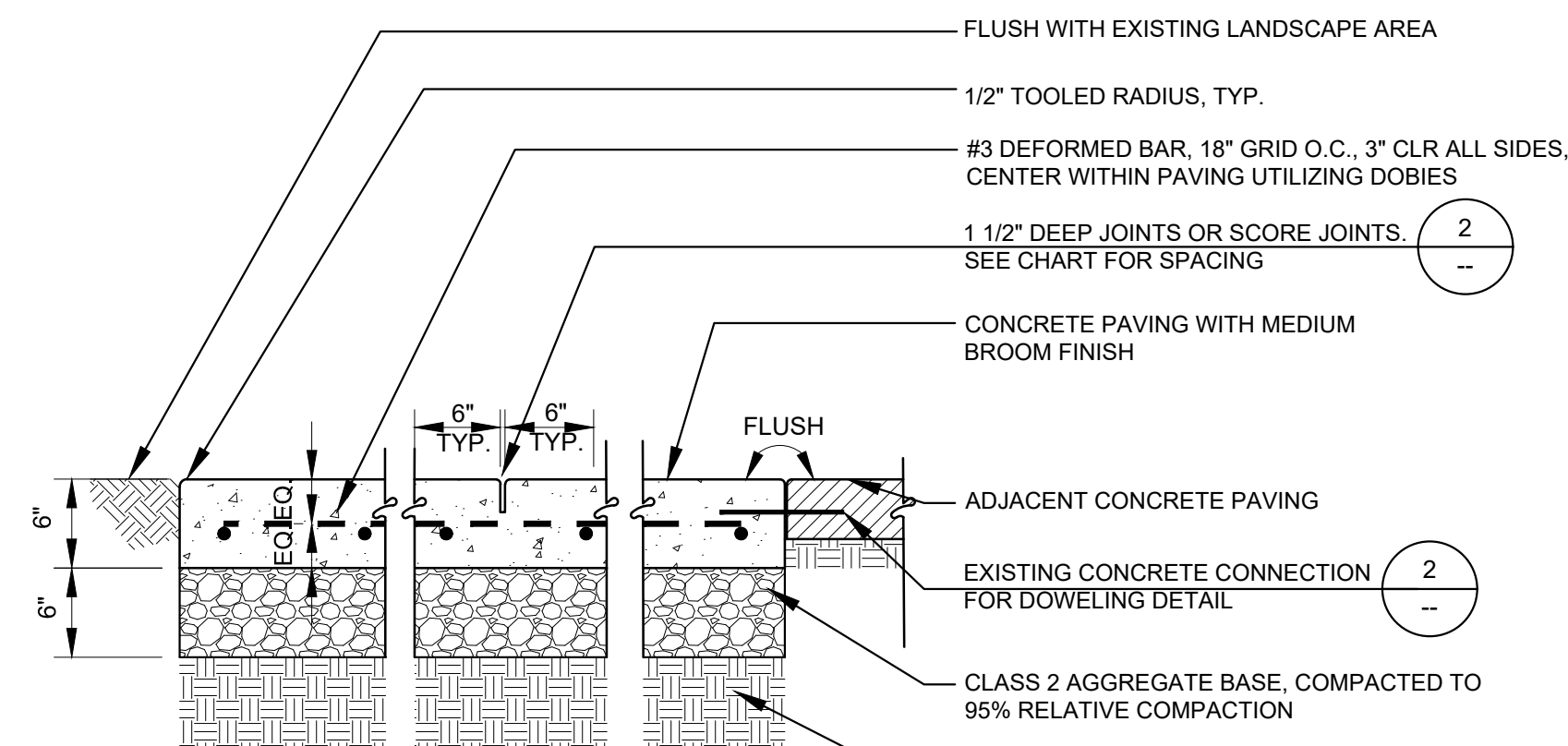
SCALE: AS SHOWN

0 1"
 NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING:

L4.0

SHEET 10 OF 11



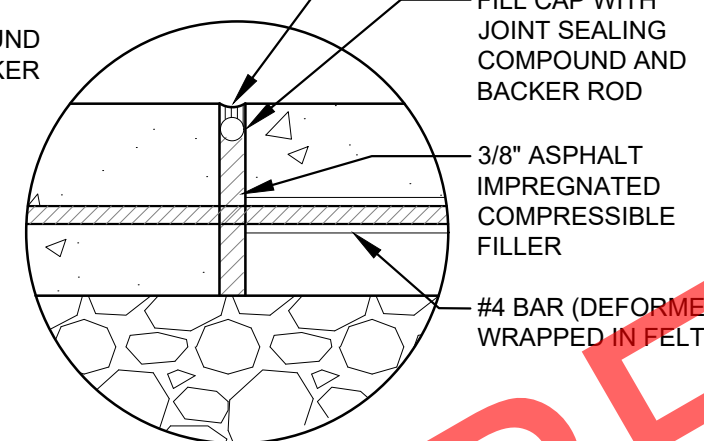
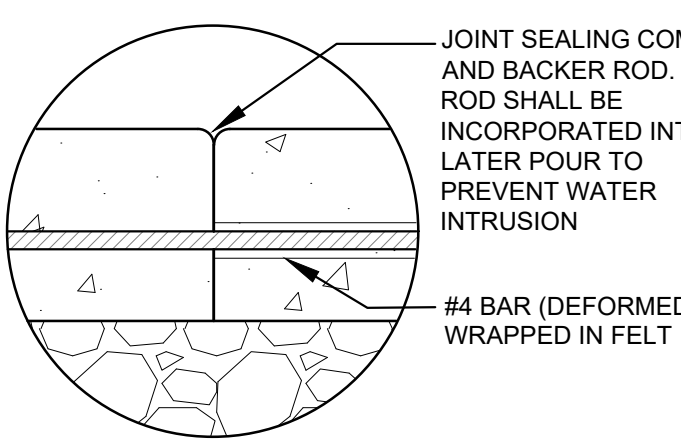
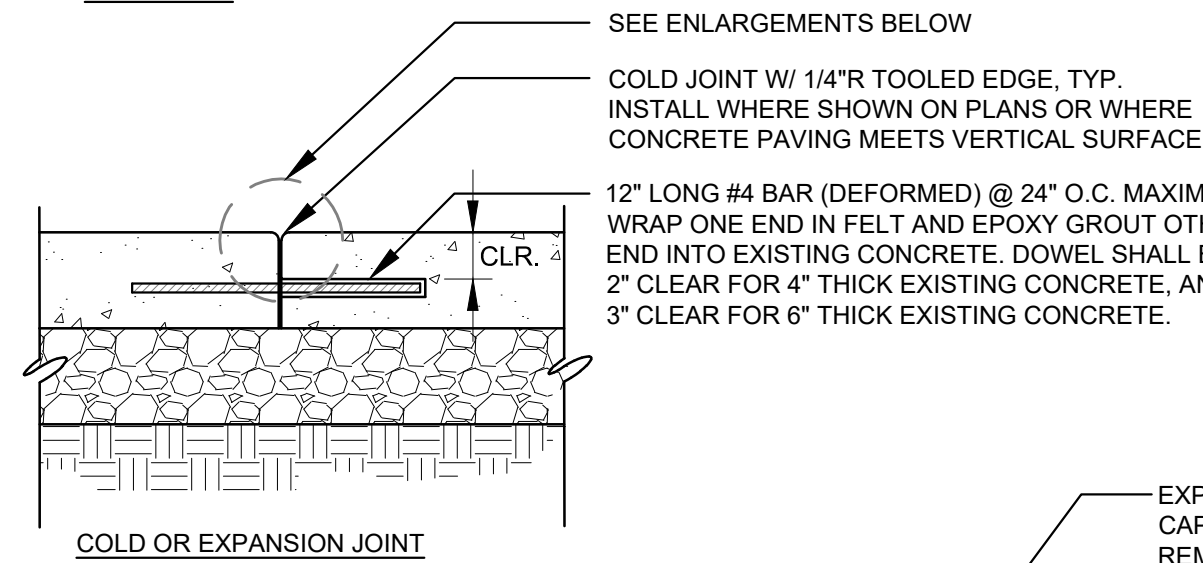
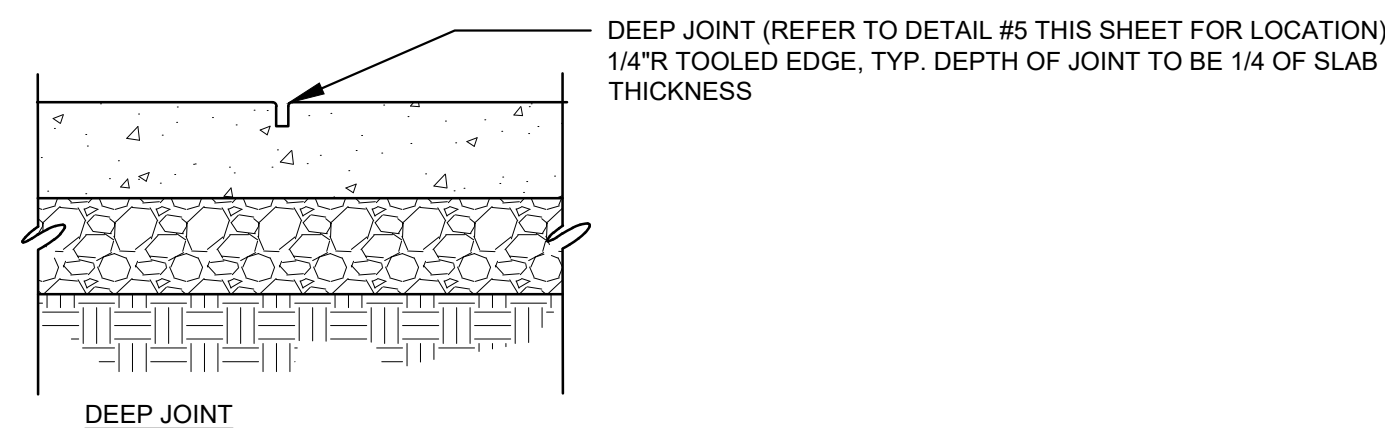
PAVEMENT WIDTH	DEEP JOINT SPACING	SCORE JOINT
10'	10' OC	NONE
8'	8' OC	NONE
6'	6' OC	NONE
5'	10' OC	YES*
4'	8' OC	YES*

*ALL SCORE JOINTS SHALL BE MIDWAY BETWEEN DEEP JOINT SPACING.

- NOTES:
- MEDIUM BROOM FINISH PERPENDICULAR TO WALK DIRECTION UNLESS OTHERWISE SHOWN ON PLAN.
 - CROSS SLOPE SHALL NOT EXCEED 2% OR FALLING UNDER 1.5%, UNLESS OUTSIDE PATH OF TRAVEL.
 - REFER TO CHART FOR ON-CENTER SPACING OF DEEP JOINTS AND SCORE JOINTS, IF REQUIRED. THE ADJACENT CHART IS A RECOMMENDED GUIDE FOR JOINT PLACEMENT.
 - ALL WELDED WIRE MESH IS TO BE PRE-SET. NO WET SETTING, HOOKING OR LIFTING OF MESH ALLOWED. MESH IS TO BE SET IN THE MIDDLE OF THE CONCRETE SECTION.
 - SCORE JOINTS SHALL BE TOOLED. NO SAWCUTTING ALLOWED.
 - SCORE JOINTS SHALL BE 1/4" WIDE X 1/2" DEEP.
 - WITH THE APPROVAL OF THE CITY LANDSCAPE ARCHITECT, EXPANSION JOINTS MAY OCCUR AT THE JUNCTION BETWEEN FLAT AND VERTICAL CONCRETE SURFACES.
 - PROPOSED PAVING SURFACES SHALL MEET EXISTING PAVED SURFACES AND EXISTING GRADES WITH A SMOOTH AND CONTINUOUS TRANSITION SUCH AS TO AVOID PUDDLING OF WATER.

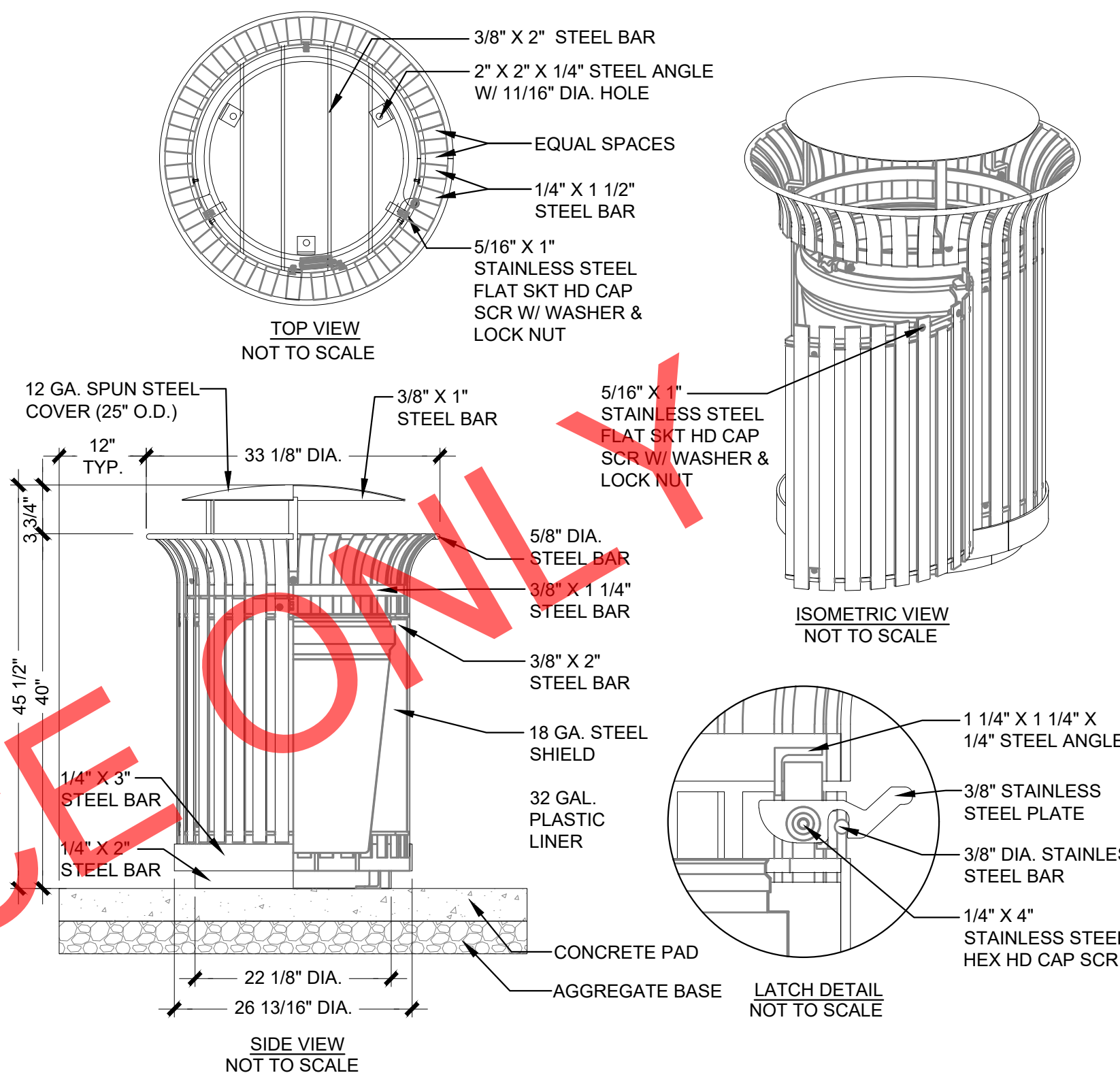
1 CONCRETE PAVING

SCALE: 1" = 1'-0"



2 CONCRETE JOINTS

SCALE: 1" = 1'-0"



- NOTES:
- MANUFACTURER AND MODEL, SEE SPECIFICATIONS.
 - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - ALL STEEL MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
 - 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS SHALL BE USED FOR SURFACE MOUNTING.

3 TRASH AND RECYCLE RECEPTACLE

SCALE: N.T.S.

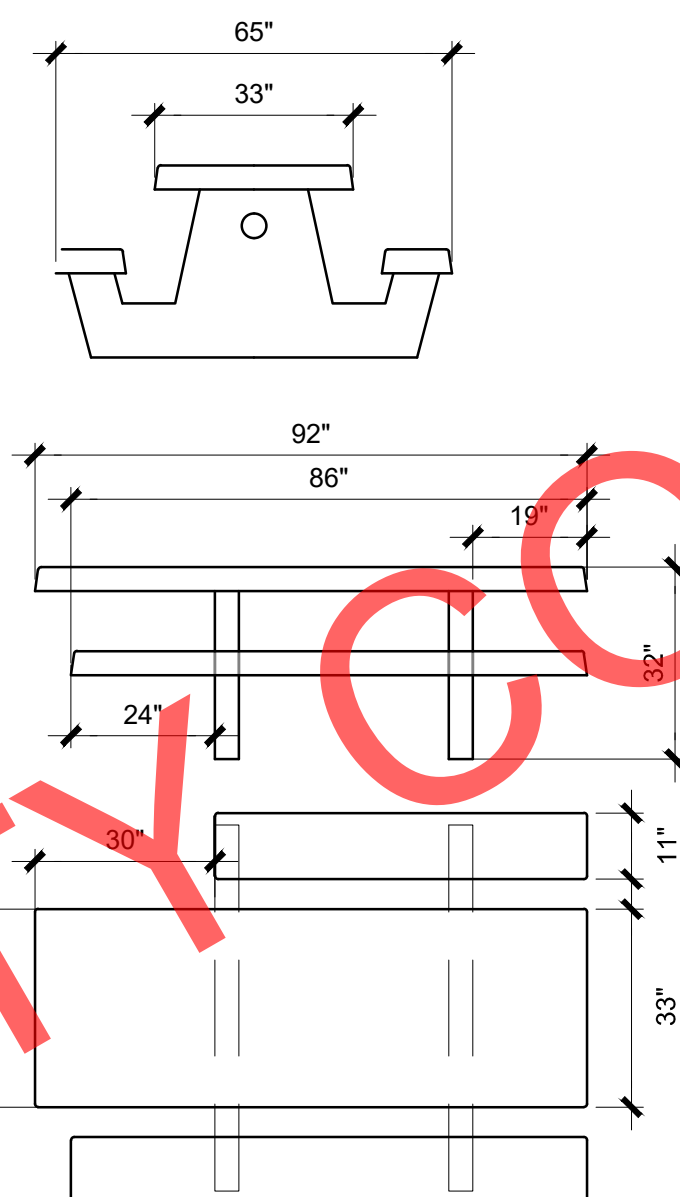
ACCEPTABLE SUPPLIERS, OR APPROVED EQUAL:

OUTDOOR CREATIONS, INC.
2270 BARNEY ROAD
ANDERSON, CA 96077
WWW.OUTDOORCREATIONS.COM

QUICKCRETE PRODUCTS CORP
P.O. BOX 639
NORCO, CA 92860
WWW.QUICKCRETE.COM

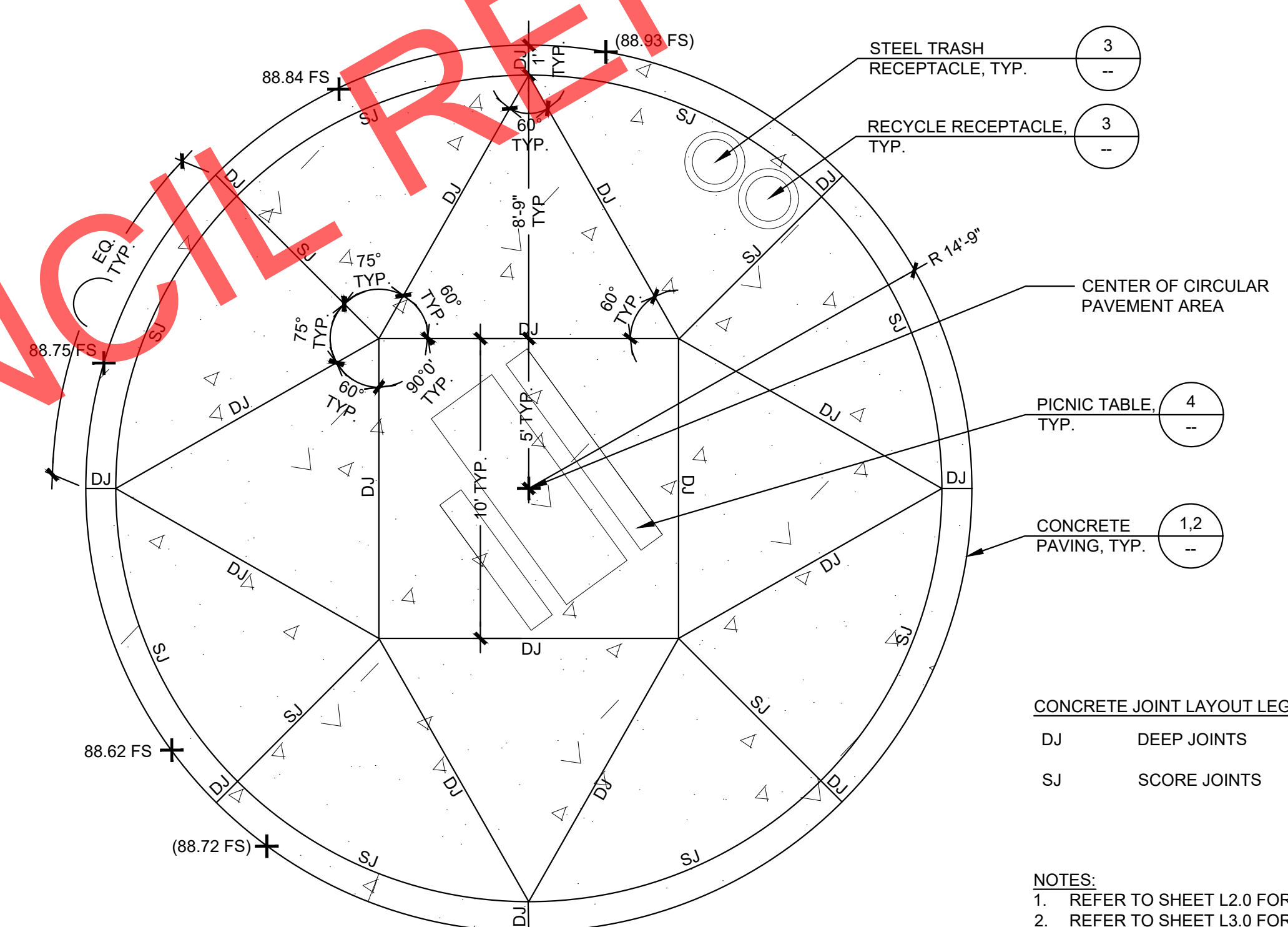
UNIVERSAL PRECAST CONCRETE, INC.
P.O. BOX 641296
SAN JOSE, CA 95164-1296
WWW.UNIVERSALPRECAST.COM

- NOTES:
- SEE SPECIFICATIONS FOR MODEL NUMBER AND COLOR.
 - SMOOTH FINISH FOR ALL SURFACES
 - GRAFFITI-RESISTANT SEALER TO BE APPLIED



4 CONCRETE ADA PICNIC TABLE

SCALE: 3/8" = 1'-0"



5 CONCRETE SCORE LAYOUT

SCALE: 1" = 1'

No.	DATE	REVISION	BY	APPD



REVIEWED - SENIOR LANDSCAPE ARCHITECT

BOOSTER NEIGHBORHOOD PARK PLAYGROUND UPGRADES AND REPLACEMENT

CONSTRUCTION DETAILS PUBLIC WORKS DEPARTMENT

DATE 06/24/2024

RECOMMENDED - PROJECT MANAGER

DATE 06/24/2024

CITY PROJECT: PWC 9051

FEDERAL PROJECT:

DESIGNED BY: CC

CHECKED BY: RL

DRAWN BY: CC

DATE: JUNE 2024

SCALE: AS SHOWN

0 1" NOTE: VERIFY SCALE. BAR IS ONE INCH ON ORIGINAL DRAWING. ADJUST SCALES ACCORDINGLY IF BAR IS NOT ONE INCH.

DRAWING:

L4.1

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