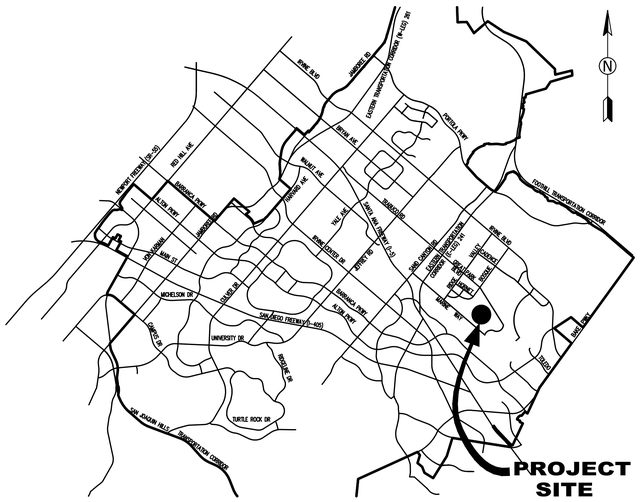


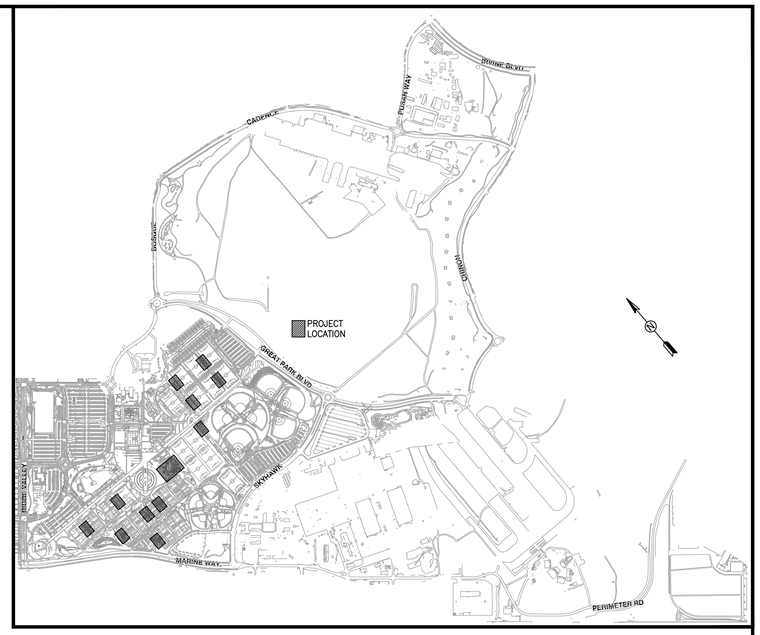
VICINITY MAP

THE CITY OF IRVINE

GREAT PARK
IRVINE, CALIFORNIA

GREAT PARK SHADE IMPROVEMENTS

PHASES 2 & 3



LOCATION MAP

CITY OF IRVINE
COMMUNITY DEVELOPMENT
APPROVED

This set of plans and specification must be kept on the job at all times. It is unlawful to make any changes or alterations on these plans without written permission from the City of Irvine Community Development Department. The stamping of this plan and specification SHALL NOT be held to permit or be an approval of the violation of any provisions of any City Ordinance or State Law, as may be found during field inspection.

APPROVED BY: JOEL BELANGER
DATE : 6/29/2026

CITY OF IRVINE
BUILDING AND SAFETY DIVISION
APPROVAL OF ELECTRICAL PLANS

The proposed installation of power and of lighting as submitted upon your plans have been reviewed and found to meet the minimum requirements of the California Electrical Code. This approval does not constitute authority to violate any provision of said code nor does it prevent further corrections of errors, as may be found during field inspection.

APPROVED BY: JOEL BELANGER
DATE : 6/29/2026

PLAN CHECK NO.: 00956907-CTIS (B6)

CITY CIP NO. 372602

CITY PC NO. 00956907-CTIS

CITY OF IRVINE
PUBLIC WORKS & SUSTAINABILITY
APPROVED
These plans and/or specifications are signed by the City of Irvine Public Works & Sustainability Department for administrative approval only. Approval of these plans and/or specifications is limited to and as delegated by City Council pursuant to Resolution 23-64. Approval does not relieve the applicant of responsibility to comply with all federal, local, and/or City approval prior to construction.
Lincoln Lo, PE
City Engineer

7/14/2026, 4:01:05 PM
00956907-CTIS
Lincoln Lo - City Engineer

CITY OF IRVINE

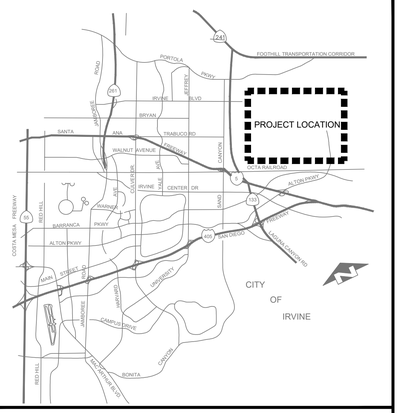
NO.	DATE	REVISIONS	ENGR.	APPROV.	DATE
7					
6					
5					
4					
3					
2					
1					

LICENSED LANDSCAPE ARCHITECT
JENNIFER MOORE HOYT
No. 6064
June 30, 2028
Renewal date
June 26, 2026
STATE OF CALIFORNIA

ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA 92612 USA
tel 949 833 5588
www.arcadis.com

APPROVED BY: CITY ENGINEER — R.C.E. NO. — DATE	APPROVED BY: IRWD — R.C.E. NO. — DATE SANITARY SEWER FACILITIES	TITLE SHEET	SHEET 1 OF 43 SHT(S)
APPROVED BY: ORANGE COUNTY FIRE MARSHALL — DATE	APPROVED BY: IRVINE RANCH WATER FACILITIES — DATE		

Plotted: Jun 26, 2026 - 2:51pm by: moorej7119 Drawing Name: z:\146531_Irvine_Great\7.0_Production\7.03_Design\05_Landscape\Sheets\Sheet Set\146531_0_Cover.dwg



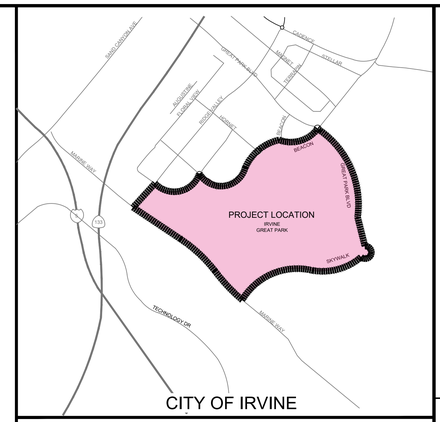
VICINITY MAP

THE CITY OF IRVINE

BUILDING PLANS

NOTE: DESIGNER TO PROVIDE PROJECT SPECIFIC INPUT
WHERE INDICATED BY INSTRUCTIONS IN BOLD AND
BRACKETED BY THE FOLLOWING SYMBOL <>

(VERSION 2022.1 EFFECTIVE JANUARY 2025)



LOCATION MAP

PROJECT INFORMATION

PROJECT LOCATION: *IRVINE GREAT PARK*

PROJECT DESCRIPTION: *THIS PROJECT CONSISTS OF THE INSTALLATION OF 30 SHADE CANOPIES AND ASSOCIATED LANDSCAPE RESTORATION WORKS. REFER TO BUILDING CODE ANALYSIS CHART AND CONSTRUCTION SCHEDULE, DRAWING LSC1.*

SPECIAL CONDITIONS OF LAND USE APPROVAL: SPECIAL CONDITIONS RELATING TO THIS PROJECT ARE ESTABLISHED IN *N/A*.

SEE SHEET *N/A* UNDER THE HEADING LAND USE CONDITIONS OF APPROVAL FOR COMPLETE CONDITIONS OF APPROVAL.

USE/OCCUPANCY/FLOOR AREA:
SEE CODE ANALYSIS - DWG. LCS-1

NUMBER OF STORIES: *1-STORY STRUCTURES*
MEZZANINES: *N/A*

TYPE OF CONSTRUCTION: *TYPE V-B CONSTRUCTION; SEE CODE ANALYSIS - DWG. LCS-1*

FIRE RESISTANCE RATED ASSEMBLIES CONSTRUCTED OR ALTERED IN SCOPE OF WORK:
EXTERIOR WALLS: *N/A*
FIRE WALLS: N/A
FIRE BARRIERS: N/A
FIRE PARTITIONS: N/A
HORIZONTAL ASSEMBLIES: N/A

SEE SHEET N/A FOR FIRE-RESISTANCE RATED ASSEMBLY LEGEND, PROVIDING UNIQUE SYMBOLS FOR EACH RATED ASSEMBLY TYPE/RATING AND CALL-OUTS TO CONSTRUCTION DETAILS DEMONSTRATING COMPLIANCE WITH ASSEMBLY LISTINGS.

AUTOMATIC FIRE SPRINKLERS: *STRUCTURES ARE NOT SPRINKLED*

ALLOWABLE HEIGHT/AREA ANALYSIS (CBC CHAPTER 5):
SEE CODE ANALYSIS - DWG. LCS-1

PARKING SUMMARY:
N/A, EXISTING TO REMAIN

APPLICABLE STATE CODES (WITH CITY OF IRVINE AMENDMENTS):

CALIFORNIA BUILDING CODE	*2022*
CALIFORNIA ELECTRIC CODE	*2022*
CALIFORNIA MECHANICAL CODE	*2022*
CALIFORNIA PLUMBING CODE	*2022*
CALIFORNIA ENERGY EFFICIENCY CODE	*2022*
CALIFORNIA GREEN BUILDING STANDARDS CODE	*2022*

WATER CONSERVING PLMB. FIXTURE VERIFICATION/RETROFIT

BUILDINGS FOR WHICH AN INITIAL FINAL INSPECTION WAS RECEIVED ON OR BEFORE JANUARY 1, 1994 SHALL COMPLY WITH THE CITY OF IRVINE'S INFORMATION BULLETIN # 321. WAS THE INITIAL FINAL INSPECTION ON THE PROPERTY UNDERGOING THE PROPOSED TENANT IMPROVEMENT RECEIVED PRIOR TO JANUARY 1, 1994: *N/A*

CALIFORNIA GREEN BUILDING STANDARDS CODE

PROVISIONS OF THE CALIFORNIA GREEN BUILDING STANDARDS CODE APPLY TO ALL NEW LOW-RISE RESIDENTIAL BUILDINGS (THREE STORIES AND LESS INCLUDING HOTELS AND MOTELS) AND ALL NON-RESIDENTIAL TENANT IMPROVEMENT WITH VALUATION EQUAL OR GREATER THAN $200,000 AND ADDITIONS EQUAL OR GREATER THAN 1,000 SQUARE FEET.

SEE SHEET *N/A* FOR COMPLETED CITY OF IRVINE GREEN BUILDING STANDARDS NOTES.

CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS

PROVISIONS OF THE CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARD APPLY TO THIS PROJECT SEE SHEET *N/A* FOR COMPLETE COMPLIANCE DOCUMENTATION.

SPECIAL INSPECTION AND STRUCTURAL OBSERVATION

THIS PROJECT IS SUBJECT TO BOTH SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATION PER CALIFORNIA BUILDING CODE (CBC) CHAPTER 17 AND SHALL FOLLOW THE REQUIREMENTS AS DEFINED IN **CITY OF IRVINE INFORMATION BULLETINS NO. 278 AND 251.**

SEE SHEET *LCS1* FOR COMPLETED PROJECT SPECIFIC CITY OF IRVINE SPECIAL INSPECTION PROGRAM FORM.

SEE SHEET *N/A* FOR COMPLETED PROJECT SPECIFIC CITY OF IRVINE SPECIAL OBSERVATION PROGRAM FORM.

CITY OF IRVINE MUNICIPAL CODE

[NOTE: COMPLETE IMC TEXT IS AVAILABLE ON THE INTERNET AT WWW.MUNICODE.COM]
THE DESIGN AND CONSTRUCTION OF THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE IRVINE MUNICIPAL CODE PROVISIONS INCLUDING BUT NOT LIMITED TO:

CONSTRUCTION WORK HOURS [IMC SECT. 6-8-205]
MON-FRI 7 AM TO 7 PM
SAT 9 AM TO 6 PM
NO WORK ON SUNDAYS OR FEDERAL HOLIDAYS

SECURITY DESIGN STANDARDS [IMC SECT. 5-9-517 AND 5-9-528]
SEE SHEET N/A FOR APPLICABLE COMPLETED SECURITY CODE PROVISIONS.

ROOFING [IMC 5-9-401 F. & 5-9-402 M.]

ROOF COVERING CLASSIFICATION SHALL MEET MINIMUM CLASS A.

ATTIC AND UNDERFLOOR VENT COVERS [IMC 5-9-401 E. & 5-9-402 K.]

ROOF AND UNDERFLOOR VENT OPENINGS SHALL BE COVERED WITH NON-COMBUSTIBLE, CORROSION RESISTANT, METAL WIRE MESH OR OTHER MATERIALS HAVING OPENINGS OF 1/16 INCH MINIMUM TO 1/8 INCH MAXIMUM. (CBC 706A.2) SEE DETAIL
N/A

OFF-SITE FABRICATION

ALL OFF-SITE FABRICATION OF STRUCTURAL STEEL COMPONENTS INCLUDING STEEL STAIRS AND PRE-CAST CONCRETE SHALL BE DONE IN AN APPROVED FABRICATOR SHOP AS REQUIRED BY CITY OF IRVINE INFORMATION BULLETIN NO. 311. SEE BULLETIN FOR DETAILS AND REQUIRED DOCUMENTATION REQUIRED AT THE RECEIPT OF ANY SHIPMENT OF OFF-SITE FABRICATED ITEMS.

PRE-CONSTRUCTION MEETING REQUIREMENT

ALL CONSTRUCTION PROJECTS INVOLVING ADDITIONS TO NON-RESIDENTIAL STRUCTURES AND PARKING LOT MODIFICATIONS SHALL NOT COMMENCE UNTIL A PRE-CONSTRUCTION MEETING HAS BEEN HELD. THESE MEETINGS, WHILE NOT REQUIRED BY CITY CODE FOR TENANT IMPROVEMENTS NOT ADDING AREA, ARE BENEFICIAL FOR MAJOR TENANT IMPROVEMENTS OR ANY RESTAURANT INSTALLATIONS. TO SCHEDULE A PRE-CONSTRUCTION MEETING CONTACT COMMERCIAL BUILDING INSPECTOR SUPERVISOR AT (949) 724-6139 FOR BUILDING INSPECTIONS AND GRADING INSPECTOR SUPERVISOR AT (949) 724-6329 FOR PARKING LOT MODIFICATIONS INSPECTIONS.

DEFERRED SUBMITTALS

THIS PROJECT HAS BEEN PERMITTED WITHOUT REVIEW AND/OR APPROVAL OF THE FOLLOWING DEFERRED SUBMITTALS. PLANS APPROVED BY THE CITY SHALL BE OBTAINED FOR EACH DEFERRED ITEM LISTED BELOW PRIOR TO COMMENCING ANY WORK WITHIN THE SCOPE OF SUCH DEFERRAL. DEFERRALS MUST BE REVIEWED AND ACCEPTED BY THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO SUBMITTING FOR REVIEW WITH THE CITY.

FABRIC SHADE STRUCTURES PLAY-1, PLAY-2, PLAY-3, PLAY-4, AND SC-1 THROUGH SC-20; SEE SHEETS L102 THROUGH L111 AND L500 THROUGH L508.

SEMI-CUSTOM SHADE STRUCTURES SOC-1, SOC-2, CR-1, CR-2, CR-3, CR-4; SEE SHEETS L100, L101, L112, L500, L509, QF12-03, AND LS1-501.

ADDITIONS AND ALTERATIONS:

PRIOR TO USE, OCCUPANCY OR FINAL INSPECTION, EXISTING OR RETROFITTED ADDRESSING MEETING THE HEIGHT, CONTRAST AND FONT REQUIREMENTS OF SECTION 5-9-517 ITEM L OF THE CITY OF IRVINE MUNICIPAL CODE SHALL BE VERIFIED BY THE CITY INSPECTOR.

CONTRACTOR SHALL RESTORE ALL ORIGINAL AND REQUIRED FIRE PROTECTION ON STRUCTURAL ELEMENTS AND RATED ASSEMBLIES.

PRIOR TO FINAL INSPECTION, THE OPENING FORCE FOR DOORS SERVING THE DESIGNATED ACCESSIBLE PATH OF TRAVEL SHALL BE VERIFIED TO COMPLY WITH CBC 11B-404.2.9. POWERED EXTERIOR DOORS, PER EXCEPTION 2, SERVING A SPACE WITH AN OCCUPANCY OF 150 OR MORE ARE REQUIRED TO BE EQUIPPED WITH BACK-UP POWER.

FIRE DEPARTMENT NOTES:

1. FOR ASSISTANCE WITH FIRE-RELATED PLAN REVIEW ISSUES OR TECHNICAL QUESTIONS, PLEASE CALL (714) 573-6108. FOR FIRE-RELATED INSPECTION QUESTIONS OR ISSUES, PLEASE CONTACT YOUR OCFA INSPECTOR DIRECTLY OR OCFA INSPECTION SCHEDULING AT (714) 573-6150 FOR ASSISTANCE.
2. THE PROJECT SHALL COMPLY WITH THE CURRENTLY ADOPTED CALIFORNIA BUILDING CODE, CALIFORNIA FIRE CODE, AND OTHER CODES, STANDARDS, REGULATIONS AND REQUIREMENTS AS ENFORCED BY THE ORANGE COUNTY FIRE AUTHORITY. APPROVAL OF THESE PLANS SHALL NOT PERMIT THE VIOLATION OF ANY CODE OR LAW.
3. FOR PROJECTS INVOLVING NEW STRUCTURES, ADDITIONS TO EXISTING STRUCTURES, INSTALLATION OF GATES/WALLS/FENCES, OR ALTERATION OF VEHICULAR ACCESS, A FIRE MASTER PLAN SHALL BE SUBMITTED TO AND APPROVED BY THE OCFA PRIOR TO SUBMITTAL OF ARCHITECTURAL PLANS. AN APPROVED FIRE MASTER PLAN SHALL BE SUBMITTED WITH THE ARCHITECTURAL PLANS.
4. ALL WEATHER FIRE ACCESS ROADS SHALL BE APPROVED BY THE OCFA AND BE IN PLACE BEFORE ANY COMBUSTIBLE MATERIALS ARE PLACED ON THE SITE. ACCESS ROADS SHALL BE MAINTAINED CLEAR OF OBSTRUCTIONS DURING AND AFTER CONSTRUCTION.
5. ADDRESS NUMBERS SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS, BE A MINIMUM SIX INCHES HIGH, CONTRAST WITH THEIR BACKGROUND, AND BE PLAINLY VISIBLE FROM THE ROADWAY THE BUILDING IS ADDRESSED ON OR AS OTHERWISE ALLOWED BY OCFA GUIDELINE B-09.
6. BUILDINGS UNDER CONSTRUCTION OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 33. NO SMOKING OR COOKING IS ALLOWED IN STRUCTURES WHERE COMBUSTIBLE MATERIALS ARE EXPOSED OR WITHIN 25' OF COMBUSTIBLE MATERIALS STORAGE AREAS. CUTTING, WELDING, OR OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.
7. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE CFC AND CCR TITLE 19. AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED DURING CONSTRUCTION ON EACH FLOOR AT EACH STAIRWAY, IN EACH STORAGE AND CONSTRUCTION SHED, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, OR WHERE SIMILAR HAZARDS ARE PRESENT. BEFORE FINAL OCCUPANCY, AT LEAST ONE 2A:10B:C EXTINGUISHER SHALL BE PROVIDED SO THAT NO POINT IS MORE THAN 75' TRAVEL DISTANCE FROM THE EXTINGUISHER. EXTINGUISHERS SHALL BE LOCATED ALONG THE PATH OF EGRESS TRAVEL AND IN A READILY VISIBLE AND ACCESSIBLE LOCATION, WITH THE BOTTOM OF THE EXTINGUISHER AT LEAST 4" ABOVE THE FLOOR. ADDITIONAL EXTINGUISHERS MAY BE REQUIRED BY THE INSPECTOR AND FINAL PLACEMENT IS SUBJECT TO APPROVAL.
8. WALL, FLOOR AND CEILING FINISHES AND DECORATIVE MATERIALS SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC/CFC CHAPTER 8. DECORATIVE MATERIALS SHALL BE PROPERLY TREATED BY A PRODUCT OR PROCESS APPROVED BY THE STATE FIRE MARSHAL. SUCH ITEMS SHALL BE APPROVED AND INSPECTED PRIOR TO INSTALLATION.
9. KNOX BOXES/KEY CABINETS SHALL BE PROVIDED FOR ALL POOL ENCLOSURES, GATES IN THE PATH OF FIREFIGHTER TRAVEL TO STRUCTURES, SECURED PARKING LEVELS, DOORS GIVING ACCESS TO ALARM PANELS AND/OR ANNUNCIATORS, AND ANY OTHER STRUCTURES OR AREAS WHERE IMMEDIATE ACCESS IS REQUIRED OR IS UNDULY DIFFICULT.
10. DUMPSTERS AND TRASH CONTAINERS EXCEEDING 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AN APPROVED SPRINKLER SYSTEM OR LOCATED IN A TYPE I OR IIA STRUCTURE SEPARATED BY 10 FEET FROM OTHER STRUCTURES. CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE OF NON- OR LIMITED-COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED. CFC 304.3
11. EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL. THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN AISLES.
12. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. DOORS SHALL NOT BE PROVIDED WITH THUMB-TURN LOCKS OR DEADBOLTS THAT DO NOT UNLATCH IN TANDEM WITH THE NORMAL OPERATING LEVER. RATED DOORS SHALL BE SELF-CLOSING AND LATCHING; SUCH DOORS SHALL NOT BE EQUIPPED WITH DOOR STOPS OR OTHERWISE PROPPED OPEN.
13. SPRINKLER AND ALARM SYSTEMS SHALL BE PROVIDED WHEN REQUIRED BY CBC/CFC CHAPTER 9 AND LOCAL ORDINANCE. IN STRUCTURES OF UNDETERMINED USE, THE MINIMUM FIRE SPRINKLER DESIGN DENSITY REQUIRED SHALL BE ORDINARY HAZARD (GROUP 2) WITH A DESIGN AREA OF 3000 SQUARE FEET.
14. EXISTING SPRINKLER AND ALARM SYSTEMS IN SPACES UNDERGOING REMODELING SHALL BE EVALUATED BY A LICENSED CONTRACTOR KNOWLEDGEABLE IN SUCH SYSTEMS TO DETERMINE WHETHER CHANGES WILL BE NECESSARY TO MAINTAIN THESE SYSTEMS IN CONFORMANCE WITH APPLICABLE STANDARDS. IF MODIFICATIONS ARE NECESSARY, PLANS SHALL BE SUBMITTED TO THE OCFA FOR REVIEW AND APPROVAL PRIOR TO MODIFICATION OF THE SYSTEM. SPRINKLER AND ALARM SYSTEMS SHALL BE SUPERVISED BY A UL-LISTED CENTRAL ALARM STATION.
15. WHERE COMMERCIAL-TYPE FOOD HEATING OR COOKING EQUIPMENT THAT PRODUCES GREASE-LADEN VAPORS IS PRESENT, AN AUTOMATIC EXTINGUISHING SYSTEM SHALL BE PROVIDED AND SHALL COMPLY WITH CFC, CMC, AND NFPA 17A. REVIEW AND APPROVAL OF A HOOD AND DUCT EXTINGUISHING SYSTEM PLAN BY THE OCFA IS REQUIRED PRIOR TO INSTALLATION, MODIFICATION, REARRANGEMENT, OR USE OF COOKING EQUIPMENT
16. HAZARDOUS MATERIALS EQUIPMENT, PROCESSES, STORAGE, DISPENSING, OR USE SHALL COMPLY WITH CBC AND CFC REGULATIONS AND SHALL BE REVIEWED AND APPROVED BY THE OCFA PRIOR TO SUCH MATERIALS OR EQUIPMENT BEING BROUGHT ON SITE.
17. STORAGE AREAS GREATER THAN 500 SQ.FT. WITH HIGH HAZARD MATERIALS STORED HIGHER THAN SIX FEET AND OTHER MATERIALS STORED HIGHER THAN TWELVE FEET ARE NOT PERMITTED WITHOUT FIRST SUBMITTING PLANS TO AND OBTAINING APPROVAL FROM THE OCFA.
18. A NEW HVAC UNIT EXCEEDING A 2,000 CFM CAPACITY SHALL BE PROVIDED WITH A DUCT SMOKE DETECTOR. THIS DETECTOR SHALL SHUT DOWN ONLY THE AFFECTED INDIVIDUAL HVAC UNIT UPON SMOKE DETECTION. THIS DETECTOR MUST ALSO BE INTERFACED TO AN EXISTING FIRE ALARM SYSTEM. THE DETECTOR SHALL ONLY PROVIDE A SUPERVISORY SIGNAL AT THE FIRE ALARM PANEL UPON SMOKE DETECTION.

STORM WATER POLLUTION PREVENTION NOTES

STORMWATER POLLUTION PREVENTION DEVICES AND PRACTICES SHALL BE INSTALLED AND/OR INSTITUTED AS NECESSARY TO ENSURE COMPLIANCE TO THE CITY OF IRVINE WATER QUALITY STANDARDS CONTAINED IN CHAPTER 3, WATER, OF DIVISION 8 OF TITLE 6 OF THE IRVINE MUNICIPAL CODE AND ANY EROSION CONTROL PLAN ASSOCIATED WITH THIS PROJECT. ALL SUCH DEVICES AND PRACTICES SHALL BE MAINTAINED, INSPECTED AND/OR MONITORED TO ENSURE ADEQUACY AND PROPER FUNCTION THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT.

COMPLIANCE TO THE WATER QUALITY STANDARDS AND ANY EROSION AND SEDIMENT CONTROL PLAN ASSOCIATED WITH THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING REQUIREMENTS:

1. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL MEASURES (BMPs) SHALL BE IMPLEMENTED TO PROTECT THE EXPOSED PORTIONS OF THE SITE FROM EROSION AND TO PREVENT SEDIMENT DISCHARGES.
2. SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE UNTIL PROPERLY DISPOSED OF, AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER FLOW.
4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, NOR BE ALLOWED TO SETTLE OR INFILTRATE INTO SOIL.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTES.
6. TRASH AND CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITS SHALL BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. STORMWATER POLLUTION PREVENTION DEVICES AND/OR PRACTICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS.

PARKING LOT MODIFICATION INSPECTION NOTES

1. PRIOR TO THE START OF ANY WORK, A PRE-GRADING MEETING AT THE SITE IS REQUIRED WITH THE OWNER, CONTRACTOR, GEOTECHNICAL ENGINEER (IF APPLICABLE), OR THEIR AGENTS, AND THE CITY GRADING INSPECTOR. THE PERMITTEE SHALL CONTACT GRADING INSPECTION TO SCHEDULE (949) 724-6329.
2. THE REQUIREMENTS FOR DEPUTY INSPECTION AND PERMIT CLOSE-OUT DOCUMENTATION WILL BE DETERMINED BY THE CITY GRADING INSPECTOR AT THE PRE-GRADE MEETING. THE REQUIRED GRADING INSPECTIONS WILL BE DEFINED AT THE PRE-GRADING MEETING.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF
   A. THE IRVINE GRADING AND EXCAVATION REGULATIONS AND GRADING MANUAL
   B. THE CITY OF IRVINE STANDARD PLANS
   C. SPECIAL REQUIREMENTS OF THE GRADING OR PARKING LOT MODIFICATION PERMIT
   D. THE CALIFORNIA BUILDING CODE
   E. STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK)
   F. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUCTD)
   G. THE CITY OF IRVINE CONSTRUCTION SITE SECURITY ORDINANCE.
4. CONSTRUCTION OPERATIONS SHALL OCCUR ONLY BETWEEN THE HOURS OF 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH FRIDAY, AND BETWEEN THE HOURS OF 9:00 A.M. AND 6:00 P.M. SATURDAYS. NO CONSTRUCTION ACTIVITIES SHALL BE PERMITTED OUTSIDE OF THESE PERMITTED HOURS OR ON SUNDAYS AND FEDERAL HOLIDAYS, UNLESS A TEMPORARY WAIVER HAS BEEN GRANTED BY THE CHIEF BUILDING OFFICIAL. ANY WAIVERS SHALL TAKE INTO ACCOUNT THE IMPACT UPON THE COMMUNITY (IRVINE MUNICIPAL CODE SEC. 6-8-205).
5. ACCESSIBLE STALLS AND PATHS OF TRAVEL SHALL BE TEMPORARILY RELOCATED, AS NEEDED, TO MAINTAIN COMPLIANT ACCESSIBILITY, TO BE DETERMINED AT THE PRE-GRADING MEETING TO THE SATISFACTION OF THE GRADING INSPECTOR.
6. ALL ACCESSIBLE STALL STRIPING AND SIGNAGE SHALL BE PER THE CURRENT EDITION OF THE CALIFORNIA BUILDING CODE. ALL STANDARD PARKING STALL STRIPING SHALL BE PER CITY OF IRVINE STANDARD PLAN NO. 411.

SHOPPING CART COMPLIANCE:

N/A

EPA RENOVATION, REPAIR, AND PAINTING (RRP) RULE:

EPA REGULATIONS REQUIRE THAT ANY CONTRACTOR OR MAINTENANCE STAFF WHO DISTURBS LEAD-BASED PAINT IN A PRE-1978 RESIDENCE OR CHILD-CARE FACILITY MUST BE LEAD-SAFE CERTIFIED AND TRAINED IN LEAD-SAFE WORK PRACTICES.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ADVISORY:

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 1403 GOVERNS WORK PRACTICE REQUIREMENTS FOR ASBESTOS IN ALL RENOVATION AND DEMOLITION ACTIVITIES. PLEASE REFER TO RULE 1403 (HTTP://WWW.AQMD.GOV/DOCS/DEFAULT-SOURCE/RULE-BOOK/REG-XIV/RULE-1403.PDF) FOR ALL CURRENT REQUIREMENTS.

CALIFORNIA HEALTH AND SAFETY CODE 19827.5 REQUIRES THAT EVIDENCE OF DEMOLITION NOTIFICATION SUBMITTED TO THE SOUTH COAST AQMD BE PROVIDED TO CITY OF IRVINE BUILDING AND SAFETY PRIOR TO THE ISSUANCE OF ANY BUILDING PERMIT INCLUDING DEMOLITION WORK.

ACCESSIBILITY COMPLIANCE:

CALIFORNIA BUILDING CODE, CHAPTER 11B REQUIRES COMPLIANCE WITH ALL PATH OF TRAVEL REQUIREMENTS. IS THE PROFESSIONAL OF RECORD USING CODE EXCEPTIONS FOR COMPLIANCES <NO>
WHEN USING CODE EXCEPTIONS ONLY, REFER TO SHEET _____N/A_____ FOR JUSTIFICATION.

SHEET INDEX:

SEE SHEET *L000* FOR SHEET INDEX.

City of Irvine
Construction Site Security Requirements
General Requirements

Municipal Code Section 5-9-521.B

This checklist outlines the General Requirements for construction site security per the City of Irvine Construction Site Security Ordinance. The checklist is intended for use with plan check submittals and for field verification of security features. For plan check submittals, this checklist is to be copied on a site plan sheet or in the General Notes section.

For residential projects with 25 dwelling units or more or non-residential projects with 50,000 square feet or more, a Security Plan is also required in addition to these General requirements (Municipal Code Section 5-9-521.C). A separate guideline is available outlining Security Plan requirements. When a Security Plan is required, this checklist is to be placed on the required Security Plan.

Perimeter Fencing, Gates and Locks — Check Box

1. The number of access points onto the site shall be minimized and, where feasible, situated in locations that are highly visible from an adjacent street. ☐
2. Fencing shall be installed around the site perimeter adjacent to streets. ☐
   a. Fencing shall be a minimum 6' high with green 94% minimum blackout heavy-duty plastic screening. ☐
   b. Vehicle and pedestrian gates shall not be covered. ☐
   c. Fencing shall not be covered for 20 feet on each side of gates. ☐
3. Vehicle and pedestrian gates and openings shall have gates secured after hours of operation. ☐
   a. Padlocks used for securing gates shall be designed to prohibit cutting of shackle. ☐
   b. Locking gates shall be secured with minimum 3/8 inch thick, 30 grade coil chain, or minimum 5/16 inch cable. ☐

Note: Perimeter fencing may be removed when there is no longer outside storage of building materials or building fixtures and when there are no remaining exterior construction activities requiring separation of non-construction related personnel and public from exterior construction activity.

Signage

1. Address signs shall be posted at all vehicle entrances listing street name and number using letters and numbers at least 6 inches in height. ☐
2. "No Trespassing" signs, listing California Penal Code Section 602, installed at all perimeter access points. ☐
3. Signs with a 24-hour emergency phone number for a person who can respond to site shall be posted at the main entrance gate and on the exterior of the on-site office trailer or building. ☐
4. All signs to be posted a minimum of 5 feet from ground level. ☐

Site Lighting

1. The following locations shall be illuminated during hours of darkness: ☐
   a. Vehicle gate locations. ☐
   b. All open centralized storage areas for building materials or building fixtures. ☐
   c. Trailers, temporary buildings, or containers used as an office or storage for building materials or fixtures. ☐
2. Minimum light level at required locations is one foot-candle at the ground for a 15 foot radius. A Photometric plan is not required. ☐
3. Light fixtures shall be installed a minimum 18 feet high, with tempered or polycarbonate lens approved for wet locations (U.L. Bulletin 1572). ☐
4. Where required lighting would affect occupied residential properties: ☐
   a. Motion sensors can be used to control light fixtures. ☐
   b. Elements may be modified or not required when first approved by the Chief Building Official or Chief of Police. ☐
5. For Projects requiring a Security Plan, submit an informational sheet (cutsheet) for security light fixtures. ☐

Office Trailers and Temporary Buildings

1. Doors shall have a deadbolt lock and an auxiliary locking device using a slide bolt or hasp, with a protective device to prohibit cutting of the padlock. ☐
   a. Bolt or hasp attached with non-removable bolts from the exterior and padlock with a minimum ½ inch thick shackle with heel and toe locking. ☐
2. Windows shall be secured with either: ☐
   a. Steel bars, minimum ½ round or one-inch by ¼ inch flat, spaced not more than 5 inches apart, secured with bolts that are non-removable from the exterior; or, ☐
   b. Steel grate mesh, minimum 1/8 inch thick, securely attached using a means resistant to removal from the exterior. ☐

Storage Containers (with at least 64 square feet of storage area)

1. Doors shall be secured using a hasp or slide bolt with a protective device to prohibit cutting of the padlock, and attached with non-removable bolts from the exterior. ☐
   a. Padlocks shall have a minimum ½ inch thick shackle with heel and toe locking. ☐
2. Exterior hinge pins shall be rendered non-removable by design or welding. ☐

Motorized Equipment

1. Forklifts shall be rendered inoperable when the hours of operation are ceased, making them unable to start, operate or move. Removing forks and securing them satisfies this requirement. ☐
2. An onsite record shall be maintained for all motorized equipment with a minimum 15 inch wheel diameter listing the equipment manufacturer, model, license plate number, vehicle identification number (VIN), and product identification number (PIN). ☐

CITY OF IRVINE

NO.	DATE	REVISIONS
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DESIGNED: JM / YC
DRAWN: JM
CHECKED: YC
DATE: 06.23.2025
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA 92612 USA
949 809 6050
www.arcadis.com

YANCEY CLAYTON
ARCHITECT:
LICENSED ARCHITECT YANCEY CLAYTON C-35502 6/30/27
LICENSE NO. EXP. DATE

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

LCS

CITY OF IRVINE

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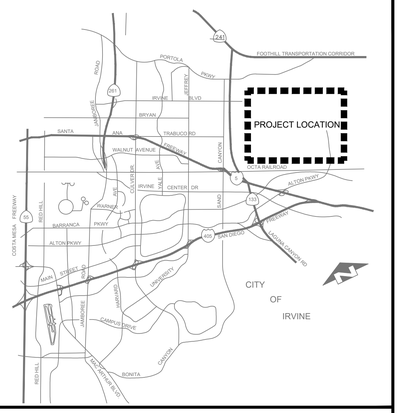


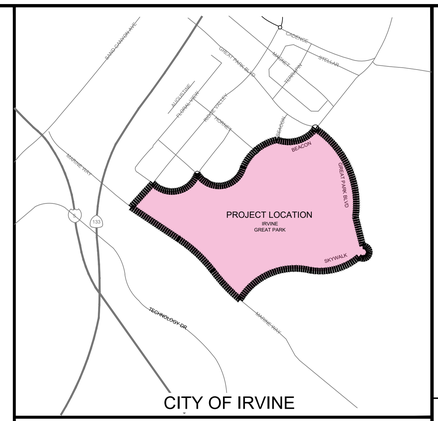
VICINITY MAP

THE CITY OF IRVINE

BUILDING PLANS

NOTE: DESIGNER TO PROVIDE PROJECT SPECIFIC INPUT
WHERE INDICATED BY INSTRUCTIONS IN BOLD AND
BRACKETED BY THE FOLLOWING SYMBOL <>

(VERSION 2022.1 EFFECTIVE JANUARY 2025)



LOCATION MAP

COMMUNITY DEVELOPMENT
Building and Safety

STATEMENT OF SPECIAL INSPECTION

Special Inspections shall be performed in accordance with Chapter 17 of the California Building Code (CBC) and the City of Irvine Special Inspection Manual.

INSTRUCTIONS: Place an **X** preceding each applicable section or indicate **N/A** if not applicable. Provide a complete and detailed description, detail, or plan sheet reference where required to complete an applicable section. Incorporate this completed form in its entirety into the project construction plans for plan check review.

SECTION 1705: SPECIAL INSPECTIONS

1. N/A — **Special Cases, Section 1705.1.1** The following describes additional systems or elements subject to special inspection as required by the Chief Building Official, Engineer of Record, manufacturer's instructions, or Evaluation Report:

2. X — **Structural Steel, Section 1705.2** Special inspections and nondestructive testing of structural steel elements shall be in accordance with AISC 360. Offsite fabrication may only be performed by an approved fabricator. See City of Irvine Informational Bulletin 311.

   Cold-Formed Steel Deck, Section 1705.2.2 Special inspections for cold formed steel floor and roof deck shall be in accordance with the quality assurance inspection requirements of SDI QA/QC.

   Open-Web Steel Joists and Joist Girders, Section 1705.2.3 Special inspections of open-web steel joists and joist girders shall be in accordance with Table 1705.2.3.

3. X — **Concrete Construction, Section 1705.3** All structural concrete is subject to special inspection per CBC Table 1705.3 and City of Irvine Information Bulletin 181.

4. N/A — **Masonry Construction, Section 1705.4** Special inspections and tests of masonry construction shall be performed in accordance with the quality assurance program requirements of TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE 6 except masonry fireplaces, masonry heaters, or masonry chimneys installed or constructed in accordance with Section 2111, 2112, or 2113, respectively.

5. N/A — **Wood Construction, Section 1705.5** Special inspections of prefabricated wood structural elements and assemblies shall be in accordance with Section 1704.2.5. Offsite fabrication may only be performed by an approved fabricator. See City of Irvine Informational Bulletin 311.

6. N/A — **Mass Timber Construction, Section 1705.5.3** Special inspections of Mass Timber elements shall be in accordance with Table 1705.5.3. Periodic special inspection will also be required for Mass Timber sealants and adhesives in accordance with Section 1705.20, when required by 703.7.

7. N/A — **High Load Diaphragms, Section 1705.5.1** The following describes high load diaphragms (diaphragms designed in accordance to CBC Table 2306.2) subject to special inspection requirements as described in Section 1704.2 (plan sheet or detail reference is acceptable):

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PAGE 1 of 5

STATEMENT OF SPECIAL INSPECTION

8. N/A — **Metal-Plate-Connected Wood Trusses, Section 1705.5.2** Special inspection of wood trusses with a clear span greater than or equal to 60 feet is required in accordance with CBC 1705.5.2.

9. N/A — **Soils, Section 1705.6** Footing excavations are subject to verification that proper depth and bearing material have been reached prior to placement of concrete per CBC Table 1705.6 (**NOTE:** Work performed under a grading permit is subject to separate special inspection requirements.)

10. N/A — **Driven Deep Foundations, Section 1705.7** Driven deep foundations are subject to special inspection per CBC Table 1705.7.

11. N/A — **Cast-in-Place Deep Foundations, Section 1705.8** Cast-in-place deep foundations are subject to special inspection per CBC Table 1705.8.

12. N/A — **Helical Pile Foundation, Section 1705.9** Helical pile foundations are subject to special inspection per CBC Section 1705.9.

13. N/A — **Sprayed Fire-Resistant Materials, Section 1705.15** Special inspections and tests of sprayed fire-resistant materials applied to floor, roof, and wall assemblies and structural members shall be performed in accordance with Sections 1705.15.1 through 1705.15.6.

14. N/A — **Mastic and Intumescent Fire-Resistant Coatings, Section 1705.16** Mastic and intumescent fire-resistant coatings applied to structural elements and decks shall be performed in accordance with Association of the Wall and Ceiling Industry (AWCI) Technical Manual 12-B.

15. N/A — **Exterior Insulation and Finish Systems (EIFS), Section 1705.17** Exterior insulation and finish systems (EIFS) are subject to special inspection per CBC Section 1705.17.

16. N/A — **Fire-Resistant Penetrations and Joints, Section 1705.18** In high-rise buildings or in buildings assigned to Risk Category III or IV, or in fire areas containing Group R occupancies with an occupant load greater than 250, special inspections for through-penetrations, membrane penetration firestops, fire-resistant joint systems, and perimeter fire barrier systems that are tested and listed in accordance with Sections 714.4.1.2, 714.5.1.2, 715.3.1, and 715.4 shall be in accordance with Section 1705.18.1 or 1705.18.2.

17. N/A — **Smoke Control, Section 1705.19** Via Orange County Fire Authority (OCFA) procedures.

SECTION 1705.13: SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE

The following are applicable to specified seismic force-resisting systems, designated seismic systems, and architectural, mechanical, and electrical components. See CBC Sections 1705.13.1 through 1705.13.9 to determine applicability.

Seismic-Force Resisting Systems. The following describes the seismic-force resisting systems(s) subject to special inspection per applicable CBC Sections 1705.13.1 through 1705.13.9 as indicated below:

18. N/A — **Structural Steel, Section 1705.13.1** Special inspections of structural steel in the seismic force resisting systems of buildings shall be performed in accordance with the quality assurance requirements of American Institute of Steel Construction (AISC) 341.

FORM 66-110 REV 03/23
PAGE 2 of 5

STATEMENT OF SPECIAL INSPECTION

19. N/A — **Structural Wood, Section 1705.13.2** For the seismic force-resisting systems:
   1. Continuous special inspection shall be required during field gluing operations of elements of the seismic force-resisting system.
   2. Periodic special inspection shall be required for nailing, bolting, anchoring, and other fastening of elements of the seismic force-resisting system, including wood shear walls, wood diaphragms, drag struts, braces, shear panels, and hold-downs.

   Exception: Special inspections are not required for wood shear walls, shear panels, and diaphragms, including nailing, bolting, anchoring, and other fastening to other elements of the seismic force-resisting system, where the fastener spacing of the sheathing is more than 4 inches on center.

   Provide plan sheet or detail reference where the special inspection is required.

20. N/A — **Cold-Formed Steel Light-Frame Construction, Section 1705.13.3** For the seismic force-resisting systems of structures, periodic special inspection shall be required:
   1. For welding operations of elements of the seismic force-resisting system; and
   2. For screw attachment, bolting, anchoring, and other fastening of elements of the seismic force-resisting system, including shear walls, braces, diaphragms, collectors (drag struts), and hold-downs.

   Provide plan sheet or detail reference where the special inspection is required.

21. N/A — **Designated Seismic Systems, Section 1705.13.4** The special inspector shall examine designated seismic systems requiring seismic qualification in accordance with Section 13.2.2 of ASCE 7 and verify that the label, anchorage and mounting conform to the certificate of compliance.

22. N/A — **Architectural Components, Section 1705.13.5** Periodic special inspection is required during the erection and fastening of:
   - ☐ Exterior cladding, and exterior or interior veneer, more than 30 feet in height above grade or walking surface, or weighing more than 5 psf as indicated on plan sheet(s): _____
   - ☐ Non-bearing walls more than 30 feet in height or weighing more than 15 psf as indicated on plan sheet(s): _____

23. N/A — **Access Floors, Section 1705.13.5.1** Periodic special inspection is required for the anchorage of access floors.

24. N/A — **Plumbing, Mechanical and Electrical Components, Section 1705.13.6** Periodic special inspection is required during installation and anchorage of:
   - ☐ Electrical equipment for emergency or standby power systems.
   - ☐ The piping system(s) and associated mechanical units intended to hazardous materials as indicated on plan sheet(s): _____
   - ☐ The HVAC ducts intended to carry hazardous materials as indicated on plan sheet(s): _____
   - ☐ The vibration isolation system as indicated on plan sheet(s) : _____

25. N/A — **Storage Racks and Access Floors, Section 1705.13.7** Periodic special inspection is required for materials used, fabricated storage rack elements, storage rack anchorage installation, and completed storage rack system of steel storage racks and steel cantilevered storage racks that are 8 feet in height or greater and assigned to Seismic Design Category D, E or F per Table 1705.13.7.

26. N/A — **Seismic Isolation System, Section 1705.13.8** Periodic special inspection is required during the fabrication and installation of ☐ isolator units and ☐ energy dissipation devices.

27. N/A — **Cold-Formed Steel Special Bolted Moment Frames, Section 1705.13.9** Periodic special inspection shall be provided for the installation of cold-formed steel special bolted moment frames.

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PAGE 3 of 5

STATEMENT OF SPECIAL INSPECTION

SECTION 1705.14: TESTING FOR SEISMIC RESISTANCE

28. N/A — **Structural Steel, Section 1705.14.1** The following describes required testing of welds, base metal, weld tab removal sites, and thermally cut surfaces of beam copes or access holes per CBC Section 1708 and AISC 341. MT= Magnetic Particle Testing per Appendix W of Section W4.2 AISC 341, UT= Ultrasonic Testing per Appendix W, Section 4.1. Testing procedures and acceptance criteria shall conform to AISC 341 and AWS D1.1.
   - ☐ K-area welding: web area shall be MT'd for cracks in the k-area base metal within 3 inches minimum of the weld.
   - ☐ Complete joint penetration groove welds. All shall be UT'd for materials 5/16 inches or thicker.
   - ☐ Complete joint penetration groove welds. 25% of all beam to column connections shall be MT'd.
   - ☐ Base metal for lamellar tearing; UT testing for discontinuities behind and adjacent to weld fusion line for all complete joint penetration groove welded connections for tension loading in the through thickness direction of base metal greater than 1 1/2 inch thickness to connected piece greater than 3/4 inch.
   - ☐ Flange and web thickness exceeding 1 1/2 inches:__ welded splices and connections, __ thermally cut surfaces of beam copes and access holes shall be MT or penetrant tested.
   - ☐ End of welds from which a weld tab has been removed shall be MT'd. (**NOTE:** N/A for continuity plate weld tabs)
   - ☐ UT percentage reduction protocol is as follows (**NOTE:** May not exceed that allowed by AISC 341): _____
   - ☐ MT percentage reduction protocol is as follows (**NOTE:** May not exceed that allowed by AISC 341): _____

29. N/A — **Nonstructural Components, Section 1705.14.2** The registered design professional shall specify on the approved construction documents the requirements for seismic qualification, Certificate of compliance for the seismic qualification shall be provided to the building official as specified in Section 1704.5.

FORM 66-110 REV 03/23
PAGE 4 of 5

STATEMENT OF SPECIAL INSPECTION

30. N/A — **Designated Seismic Systems, Section 1705.14.3** The registered design professional shall specify on the approved construction documents the requirements for seismic qualification. Certificate of compliance for the seismic qualification shall be provided to the building official as specified in Section 1704.5.

SECTION 1705.12: SPECIAL INSPECTIONS FOR WIND RESISTANCE

Special inspections for wind resistance, Section 1705.12 Special inspections for wind resistance specified in Sections 1705.12.1 through 1705.12.3

31. N/A — **Structural Wood, Section 1705.12.1** Continuous special inspection is required during field gluing operations of elements of the main windforce-resisting system. Periodic special inspection is required for nailing, bolting, anchoring, and other fastening of elements of the main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces, and hold-downs.

   Exception: Special inspections are not required for wood shear walls, shear panels, and diaphragms where the fastener spacing of the sheathing is more than 4 inches on center.

32. N/A — **Cold-Formed Steel Light-Frame Construction, Section 1705.12.2** Periodic special inspection is required for welding operations of elements of the main windforce-resisting system. Periodic special inspection is required for screw attachment, bolting, anchoring, and other fastening of elements of the main windforce-resisting system, including shear walls, braces, diaphragms, collectors (drag struts), and hold-downs. See Section 1705.12.2 for exceptions.

33. N/A — **Wind-Resisting Components, Section 1705.12.3** Periodic special inspection is required for fastening of the following systems and components:
   1. Roof covering, roof deck, and roof framing connections.
   2. Exterior wall covering and wall connections to roof and floor diaphragms and framing.

FORM 66-110 REV 03/23
PAGE 5 of 5

BUILDING CODE ANALYSIS

Relevant Drawing	Shade Structure Type	Adjacent Building	Distance from Existing Building	Existing Floor Area	Occupancy	Construction Type	Sprinkler	Maximum Height Allowable Area		Allowable Increase	Actual Area
L100	300 SF 10 x 30 semi-custom		>30' (approximately 350')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	300 SF <9,000 SF
L101	450 SF 15 x 30 semi-custom		>30' (approximately 350')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF <9,000 SF
L102	(1) 15' x 30' 2 post hypar cantilever		>30' (approximately 280')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L103	500 SF 4 - post hypar		>30' (approximately 240')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	500 SF <9,000 SF
L103	340 SF 4 - post hypar		>30' (approximately 280')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	340 SF <9,000 SF
L103	300 SF 4 - post hypar		>30' (approximately 220')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	300 SF <9,000 SF
L104	(2) 15' x 30' 2 post full hip cantilever		>30' (approximately 200')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L105	(2) 15' x 30' 2 post full hip cantilever		>30' (approximately 120')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L106	(2) 15' x 30' 2 post full hip cantilever		>30' (approximately 140')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L107	(2) 15' x 30' 2 post full hip cantilever		>30' (approximately 285')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L108	(2) 15' x 30' 2 post full hip cantilever		>30' (approximately 75')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L109	(2) 15' x 30' 2 post full hip cantilever = 1 building (900 SF)		>30' (approximately 600')		A-3 (60 Occupants)	VB	NS	40 feet, 1 story	6,000 SF	NA	900 SF < 6,000 SF
L109	(2) 15' x 30' 2 post full hip cantilever = 1 building (900 SF)		>30' (approximately 600')		A-3 (60 Occupants)	VB	NS	40 feet, 1 story	6,000 SF	NA	900 SF < 6,000 SF
L110	(2) 15' x 30' 2 post full hip cantilever		>30' (approximately 80')		B (<50 Occupants)	VB	NS	40 feet, 2 stories	9,000 SF	NA	450 SF EACH < 9,000 SF
L111	(2) 15' x 30' 2 post full hip cantilever = 1 building (900 SF)		>30' (approximately 560')		A-3 (60 Occupants)	VB	NS	40 feet, 1 story	6,000 SF	NA	900 SF < 6,000 SF
L111	(2) 15' x 30' 2 post full hip cantilever = 1 building (900 SF)		>30' (approximately 560')		A-3 (60 Occupants)	VB	NS	40 feet, 1 story	6,000 SF	NA	900 SF < 6,000 SF
L112	(4) 10 x 20' semi-custom = 1 Building (800 SF) (54 Occupants)		>30' (approximately 115')		A-3 (54 Occupants)	VB	NS	40 feet, 1 story	6,000 SF	NA	800 SF < 6,000 SF

DIGALERT®
Underground Service Alert of Southern California
PO Box 77070
Corona, CA 92877-0102
Website: www.digalert.org
SMS: 344258 (DIGALT)
E-mail: newsline@digalert.org

GENERAL NOTES:

1. CONFORMANCE: WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THE CITY OF IRVINE'S LANDSCAPE MANUAL AND STANDARD PLANS; AND SPECIAL REQUIREMENTS OF THE CONSTRUCTION PERMIT. WHENEVER SPECIAL REQUIREMENTS CONFLICT ON ANY SUBJECT MATTER, THE CITY ENGINEER OR HIS REPRESENTATIVE SHALL DETERMINE WHICH SPECIAL REQUIREMENTS OR CODE WILL GOVERN.
2. NOTIFICATIONS: THE CITY OF IRVINE INSPECTION SERVICES DIVISION MUST BE NOTIFIED BEFORE STARTING ANY WORK. CONTRACTOR SHALL REQUEST A PRE-JOB MEETING AND SUBMIT REQUIRED ITEMS AT LEAST 48-HOURS IN ADVANCE OF THE MEETING. THE CITY INSPECTOR, CONTRACTOR, AND LANDSCAPE ARCHITECT SHALL BE PRESENT TO ALL WORKS.
3. UTILITY IDENTIFICATION: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY ALL UNDERGROUND UTILITIES DURING EXCAVATION WHILE ALSO TAKING PRECAUTIONS NOT TO DAMAGE SAME.
4. NOTIFICATIONS: THE CITY OF IRVINE MUST BE NOTIFIED IN ADVANCE OF ANY EXCAVATION. CONTRACTOR RESPONSIBLE FOR CONTACTING DIG ALERT.
5. INSPECTIONS: ALL INSPECTIONS SHALL BE MADE BY THE CITY INSPECTION SERVICES DIVISION. CONTRACTOR SHALL REQUEST INSPECTION AND DELIVER REQUIRED SUBMITTALS AT LEAST 48-HOURS IN ADVANCE OF THE TIME INSPECTION IS REQUIRED. NO ITEM SHALL BE COVERED OR ENCLOSED UNTIL IT HAS BEEN INSPECTED AND APPROVED BY THE CITY INSPECTOR. EACH ITEM SHALL BE INSPECTED FOR CONFORMANCE TO THE PLANS AND SPECIFICATIONS.
6. AS-BUILT DRAWINGS: CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS ON THE JOB SITE AT ALL TIMES. CONTRACTOR SHALL RECORD ACCURATELY ON ONE (1) SET OF AS-BUILT DRAWINGS ALL CHANGES IN THE WORK CONSTITUTING DEPARTURES FROM THE ORIGINAL PERMITTED DRAWINGS. THE CHANGES AND DIMENSIONS SHALL BE RECORDED IN A LEGIBLE AND WORKMANLIKE MANNER TO THE SATISFACTION OF THE CITY INSPECTOR. DIMENSIONS SHALL BE FROM TWO (2) PERMANENT POINTS OF REFERENCE (BUILDINGS, MONUMENTS, SIDEWALKS, CURBS, PAVEMENTS, ETC.). DATA TO BE SHOWN ON AS-BUILT DRAWINGS SHALL BE RECORDED ON A DAILY BASIS REFLECTING PROGRESS OF THE INSTALLED WORK.
7. PROTECTION: LOCATION AND PROTECTION OF ALL UTILITIES, STRUCTURES AND LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR.
8. SAFETY: CONTRACTOR SHALL OBTAIN ALL NECESSARY O.S.H.A. PERMITS. REVISIONS: REVISIONS MADE ON THE DRAWINGS AFTER APPROVAL BY THE CITY SHALL BE APPROVED BY THE CITY AND SO NOTED ON THE TITLE SHEET PRIOR TO IMPLEMENTATION IN THE FIELD.
9. PROTECTION OF EXISTING TREES: CONTRACTOR SHALL NOT STORE MATERIALS OR EQUIPMENT, PERMIT BURNING, OPERATE OR PARK EQUIPMENT UNDER THE BRANCHING CANOPY OF ANY EXISTING TREE TO REMAIN EXCEPT AS ACTUALLY REQUIRED FOR CONSTRUCTION IN THOSE AREAS. CONTRACTOR SHALL PROVIDE FENCING OR OTHER PROTECTIVE BARRIERS AS NECESSARY AT THE DRIP LINE TO PROTECT EXISTING TREES FROM DAMAGE DURING CONSTRUCTION.
10. SITE FURNISHING RELOCATIONS: ANY EXISTING SITE FURNISHINGS REQUIRING RELOCATION SHALL BE SALVAGED, AND RELOCATED PER OWNER DIRECTION. SITE FURNISHINGS SHALL BE STORED AND MAINTAINED IN GOOD CONDITION FOR REINSTALLATION. CONDITION OF FURNISHINGS SHALL BE PHOTOGRAPHICALLY DOCUMENTED BY THE CONTRACTOR PRIOR TO REMOVAL AND PROVIDED TO THE CITY UPON REQUEST.
11. EXISTING FURNISHINGS TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE. CONDITIONS OF FURNISHINGS SHALL BE PHOTOGRAPHICALLY DOCUMENTED BY THE CONTRACTOR AND PROVIDED TO THE CITY UPON REQUEST.

NO.	DATE	REVISIONS
1		
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DESIGNED: JM | YC
DRAWN: JM
CHECKED: YC
DATE: 06.23.2025
SCALE: AS INDICATED

DEVELOPER:

SOILS ENGINEER: REPORT # DATE

LICENSED ARCHITECT — CHARLES YANCEY CLAYTON — C-35502 — 8/31/27 — STATE OF CALIFORNIA — REGISTERED PROFESSIONAL ARCHITECT

LICENSE NO. EXP. DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
Phone: 949.553.9566
www.arcadis.com
YANCEY CLAYTON
ARCHITECT:

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
STATEMENT OF SPECIAL INSPECTION

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

LCS1

APPROVED
CITY OF IRVINE

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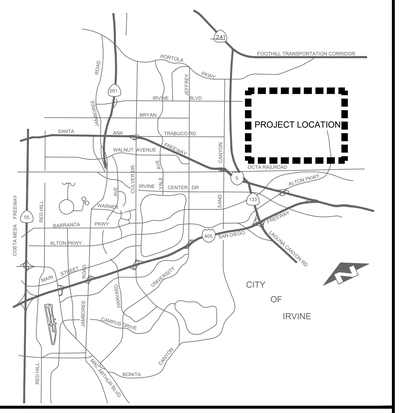


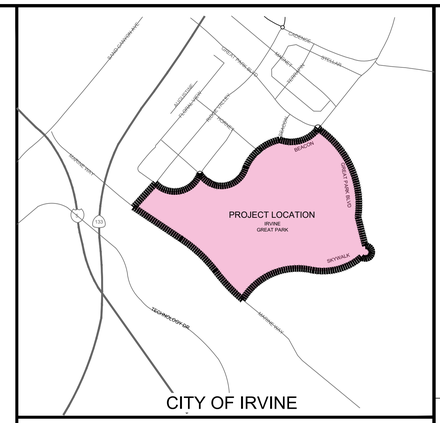
VICINITY MAP

THE CITY OF IRVINE

BUILDING PLANS

NOTE: DESIGNER TO PROVIDE PROJECT SPECIFIC INPUT
WHERE INDICATED BY INSTRUCTIONS IN BOLD AND
BRACKETED BY THE FOLLOWING SYMBOL <>

(VERSION 2022.1 EFFECTIVE JANUARY 2025)



LOCATION MAP

CONSTRUCTION SCHEDULE - SHADE STRUCTURES - PHASE 2 & 3

PAVING SCHEDULE

CODE	HATCH	DESCRIPTION	DETAIL	MATERIAL	PATTERN/FINISH	INTEGRAL COLOR	RELEASE/STAIN	MANUFACTURER	REQUIRED SAMPLES	REMARKS
P1		CONCRETE TYPE A: PEDESTRIAN	COI STD.	CONCRETE/BASE COURSE	BROOM FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P1V		CONCRETE TYPE A: VEHICULAR	COI STD.	CONCRETE/BASE COURSE	BROOM FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P2		CONCRETE TYPE B: PEDESTRIAN	COI STD.	CONCRETE/BASE COURSE	MEDIUM ETCHED FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P2V		CONCRETE TYPE B: VEHICULAR	COI STD.	CONCRETE/BASE COURSE	MEDIUM ETCHED FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P3		CONCRETE TYPE C: PEDESTRIAN	COI STD.	CONCRETE/BASE COURSE	LIGHT ETCHED FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P3V		CONCRETE TYPE C: VEHICULAR	COI STD.	CONCRETE/BASE COURSE	LIGHT ETCHED FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P4		CONCRETE TYPE D: PEDESTRIAN	COI STD.	CONCRETE/BASE COURSE	HEAVY ETCHED FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P4V		CONCRETE TYPE D: VEHICULAR	COI STD.	CONCRETE/BASE COURSE	HEAVY ETCHED FINISH	NATURAL GREY			MOCK UP 8' SQ SAMPLE	
P6		DECOMPOSED GRANITE TYPE A	COI STD.	DECOMPOSED GRANITE	3/8" MINUS STABILIZERS	"DESERT GOLD"			MOCK UP 8' SQ SAMPLE	

SITE ELEMENT SCHEDULE

CODE	DESCRIPTION (QUANTITY)	DRAWING	MATERIAL/MODEL	COLOR	FINISH	LOCATION	MANUFACTURER	REQUIRED SAMPLES	REMARKS	PHASE QUANTITY
SOC-1	SHADE STRUCTURE AT SOCCER	Sheet L100	SEMI-CUSTOM - MATCH EXISTING METAL STRUCTURE WITH DIAGONAL SHADE PANELS	MATCH EXISTING	MATCH EXISTING	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SOC-2	SHADE STRUCTURE AT SOCCER	Sheet L101	SEMI-CUSTOM - MATCH EXISTING METAL STRUCTURE WITH DIAGONAL SHADE PANELS	MATCH EXISTING	MATCH EXISTING	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
PLAY-1	OVERHEAD CANOPY STRUCTURE AT PLAY AREA	Sheets L102	TWO POST HYPAR CANTILEVER	YELLOW COLORSHADE FR FABRIC (SHADE 80%, UV 89%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
PLAY-2	OVERHEAD CANOPY STRUCTURE AT PLAY AREA	Sheets L103	FOUR-POST SHADE STRUCTURE HYPAR SAIL	YELLOW COLORSHADE FR FABRIC (SHADE 80%, UV 89%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
PLAY-3	OVERHEAD CANOPY STRUCTURE AT PLAY AREA	Sheets L103	FOUR-POST SHADE STRUCTURE HYPAR SAIL	YELLOW COLORSHADE FR FABRIC (SHADE 80%, UV 89%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
PLAY-4	OVERHEAD CANOPY STRUCTURE AT PLAY AREA	Sheets L103	FOUR-POST SHADE STRUCTURE HYPAR SAIL	YELLOW COLORSHADE FR FABRIC (SHADE 80%, UV 89%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-1	SHADE STRUCTURE AT SOCCER	Sheets L104	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-2	SHADE STRUCTURE AT SOCCER	Sheets L104	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-3	SHADE STRUCTURE AT SOCCER	Sheets L105	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-4	SHADE STRUCTURE AT SOCCER	Sheets L105	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-5	SHADE STRUCTURE AT SOCCER	Sheets L106	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-6	SHADE STRUCTURE AT SOCCER	Sheets L106	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-7	SHADE STRUCTURE AT SOCCER	Sheets L107	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-8	SHADE STRUCTURE AT SOCCER	Sheets L107	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-9	SHADE STRUCTURE AT SOCCER	Sheets L108	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-10	SHADE STRUCTURE AT SOCCER	Sheets L108	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-11	SHADE STRUCTURE AT SOCCER	Sheets L109	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-12	SHADE STRUCTURE AT SOCCER	Sheets L109	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-13	SHADE STRUCTURE AT SOCCER	Sheets L109	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-14	SHADE STRUCTURE AT SOCCER	Sheets L109	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-15	SHADE STRUCTURE AT SOCCER	Sheets L110	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-16	SHADE STRUCTURE AT SOCCER	Sheets L110	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-17	SHADE STRUCTURE AT SOCCER	Sheets L111	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-18	SHADE STRUCTURE AT SOCCER	Sheets L111	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-19	SHADE STRUCTURE AT SOCCER	Sheets L111	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
SC-20	SHADE STRUCTURE AT SOCCER	Sheets L111	TWO-POST FULL HIP CANTILEVER STRUCTURE	GREEN COLORSHADE FR FABRIC (SHADE 80%, UV 85%) W 10-YR LIMITED WARRANTY, WHITE POWDERCOAT POST (115618WHT)	PAINTED POSTS AND FRAME WITH TENSILE FABRIC CANOPY	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
CR-1	SHADE STRUCTURE AT CHAMPIONSHIP ROW	Sheets L112	SEMI-CUSTOM - MATCH EXISTING METAL STRUCTURE WITH DIAGONAL SHADE PANELS	MATCH EXISTING	MATCH EXISTING	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
CR-2	SHADE STRUCTURE AT CHAMPIONSHIP ROW	Sheets L112	SEMI-CUSTOM - MATCH EXISTING METAL STRUCTURE WITH DIAGONAL SHADE PANELS	MATCH EXISTING	MATCH EXISTING	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
CR-3	SHADE STRUCTURE AT CHAMPIONSHIP ROW	Sheets L112	SEMI-CUSTOM - MATCH EXISTING METAL STRUCTURE WITH DIAGONAL SHADE PANELS	MATCH EXISTING	MATCH EXISTING	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
CR-4	SHADE STRUCTURE AT CHAMPIONSHIP ROW	Sheets L112	SEMI-CUSTOM - MATCH EXISTING METAL STRUCTURE WITH DIAGONAL SHADE PANELS	MATCH EXISTING	MATCH EXISTING	SEE PLANS		SUBMIT PRODUCT DATA	INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1

*NOT ALL PAVING NOTED IN THE PAVING SCHEDULE ARE IN THE CURRENT SCOPE OF WORK. ADDITIONAL ITEMS ARE PRESENT IN THE EVENT DAMAGE OCCURS TO EXISTING PAVING DURING CONSTRUCTION.

NO.	DATE	REVISIONS
7		
6		
5		
4		
3		
2		
1		

DESIGNED: JM I YC
DRAWN: JM
CHECKED: YC
DATE: 06.23.2025
SCALE: AS INDICATED

DEVELOPER:

SOILS ENGINEER: REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA 92612 USA
Phone: 949.553.1588
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YANGEY CLAYTON
ARCHITECT
LICENSE NO. EXP. DATE

REGISTERED ARCHITECT CHARLES JAMES CLAYTON C-35502 01/31/27 STATE OF CALIFORNIA

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
CONSTRUCTION SCHEDULE

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

CITY OF IRVINE

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

LCS2

File Location: J:\140231_Irvine_Great\7_Production\103_Design\05_Landscape\Sheets\Sheet Set\140231_D_Cover_LCS.dwg Last Saved: June 26, 2025, by moorej1119 Plotted: Thursday, July 3, 2025 10:31:11 AM by Moore, Jennifer

SCALE CHECK: 1 in

SHEET INDEX

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L102	PLAYGROUND AREA (PLAY-1) DEMO, LAYOUT & MATERIALS PLAN
L103	PLAYGROUND AREA (PLAY-2, PLAY-3, PLAY-4) DEMO, LAYOUT & MATERIALS PLAN
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L107	SOCCER AREA - FIELD 12 (SC-7, SC-8) DEMO, LAYOUT & MATERIALS PLAN
L108	SOCCER AREA - FIELD 19 (SC-9, SC-10) DEMO, LAYOUT & MATERIALS PLAN
L109	SOCCER AREA - FIELD 20 & 21(SC-11, SC-12, SC-13, SC-14) DEMO, LAYOUT & MATERIALS PLAN
L110	SOCCER AREA - FIELD 22 (SC-15, SC-16) DEMO, LAYOUT & MATERIALS PLAN
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L207	SOCCER AREA - FIELD 12 (SC-7, SC-8) IRRIGATION PLAN
L208	SOCCER AREA - FIELD 19 (SC-9, SC-10) IRRIGATION PLAN
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E100	ELECTRICAL NOTES, DEMO & LAYOUT PLAN

ABBREVIATIONS

= POUND OR NUMBER
& = AND
@ = AT
COI STD = CITY OF IRVINE STANDARD
DIA = DIAMETER
DIM = DIMENSION
DIMS = DIMENSIONS
DN = DN
DWG = DRAWING
EA = EACH
EQ = EQUAL
FG = FINISH GRADE
GA = GUAGE
GALV = GALVANIZED
GC = GENERAL CONTRACTOR
HT = HEIGHT
MAX = MAXIMUM
MG = MATCH EXISTING GRADE
MIN = MINIMUM
NO = NUMBER
NOM = NOMINAL
PCC SWK = PORTLAND CEMENT CONCRETE SIDEWALK
SF = SQUARE FEET
SPEC = SPECIFICATION
SS = STAINLESS STEEL
STL = STEEL
TBD = TO BE DETERMINED
TO = TOP OF
TP = TOP OF PAVEMENT
TYP = TYPICAL
W/ = WITH

SHADE STRUCTURES

CODE	DESCRIPTION	QTY
PLAY-1	15X30 TWO POST HYPAR CANTILEVER AT PLAY AREA	1
PLAY	HYPAR SAIL AT PLAY AREA	3
SC	2-POST FULL HIP CANTILEVER AT SOCCER FIELDS	20
CR	10X20 4-POST SEMI-CUSTOM METAL STRUCTURES	4
SOC-1	15X30 4-POST SEMI-CUSTOM METAL STRUCTURES	1
SOC-2	10X30 4-POST SEMI-CUSTOM METAL STRUCTURES	1

GENERAL NOTES:

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO CITY DESIGN STANDARDS, CONSTRUCTION SPECIFICATIONS AND STANDARD DRAWINGS, AND TO CONTRACT DOCUMENTS PREPARED FOR THIS PROJECT.
2. ARCADIS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS. THE UTILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
3. REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIRED INFORMATION.
4. ALL CLEARING, DEBRIS, WASTE EXCAVATION AND CONSTRUCTION MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL ORDINANCES.
5. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO OBTAIN ALL PERMITS AND LICENSES FOR ANY PHASE OF CONSTRUCTION PRIOR TO COMMENCING CONSTRUCTION FOR THAT PHASE.
6. COOPERATION WITH UTILITY COMPANIES: THE CONTRACTOR SHALL NOTIFY ALL OWNERS OF UTILITIES, INCLUDING BUT NOT LIMITED TO, WATER, SANITARY SEWER, TELEPHONE, ELECTRICAL, NATURAL GAS, AND TELEVISION CABLE OF PROPOSED CONSTRUCTION WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR MEETING WITH AND COORDINATING THE CONSTRUCTION ACTIVITIES WITH THOSE OF THE UTILITY COMPANIES INVOLVED FOR FIELD LOCATION OF ALL EXISTING UTILITIES WITHIN THE AREA OF OPERATIONS. SHOULD THE CONTRACTOR EXPERIENCE A FAILURE BY THE UTILITY OWNERS TO COMPLY WITH THEIR RESPONSIBILITY OF RELOCATING OR ADJUSTING THEIR FACILITIES, THE OWNERS MUST BE NOTIFIED IN WRITING.
7. DRAWINGS REFLECT AS-BUILT INFORMATION PROVIDED BY THE CITY, CONTRACTOR TO VERIFY. QUESTIONS & RESOLUTIONS TO BE HANDLED THROUGH STANDARD RFI PROCESS.
8. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE RESTORED WITH SEED, SOD, PLANTS, OR OTHER LANDSCAPE MATERIAL AS APPROPRIATE TO THE SITE. REFER TO BID SCHEDULE FOR RESTORATION ITEMS.

LANDSCAPE DIMENSION AND LAYOUT NOTES:

1. THE CONTRACTOR MUST FIELD VERIFY ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS STATED GRAPHICALLY AND IMPLIED BY SCALE OR NOTES. CHECK ALL PROPERTY CORNER MARKERS AND PROPERTY LINES FOR PLAN COMPLIANCE BEFORE BEGINNING CONSTRUCTION.
2. THE CONTRACTOR SHALL STAKE PROPOSED CONSTRUCTION ELEMENTS IN THE FIELD PRIOR TO INSTALLATION, AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY CONFLICTS OR DISCREPANCIES WITH EXISTING FIELD CONDITIONS OR DESIGN INTENT.
3. WRITTEN DIMENSIONS SHALL PREVAIL OVER SCALED DIMENSIONS. DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO SURFACES, STRUCTURES, OR SITE ELEMENTS, AND ARE TO BACK OF CURB OR FACE OF WALL UNLESS OTHERWISE INDICATED ON THE PLANS.
4. LAYOUT SHALL BE VERIFIED AND APPROVED IN FIELD BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
5. THE DIMENSIONS ARE A REPRESENTATION OF THE DESIGN INTENT AND CONTRACTOR SHALL MAKE ADJUSTMENTS IN THE FIELD AND RECEIVE APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION.
6. A DIGITAL FILE OF THE LAYOUT PLAN WILL BE PROVIDED TO THE CONTRACTOR UPON REQUEST AND SIGNATURE OF A DATA RELEASE AGREEMENT.
7. BACKGROUNDS, AS-BUILTS, AND SURVEY INFORMATION WAS PROVIDED BY THE CITY OF IRVINE. EXISTING CONDITIONS AND INFRASTRUCTURE TO BE CONFIRMED ON SITED THROUGH STANDARD CONTRACTOR INVESTIGATIONS AND DUE DILIGENCE.

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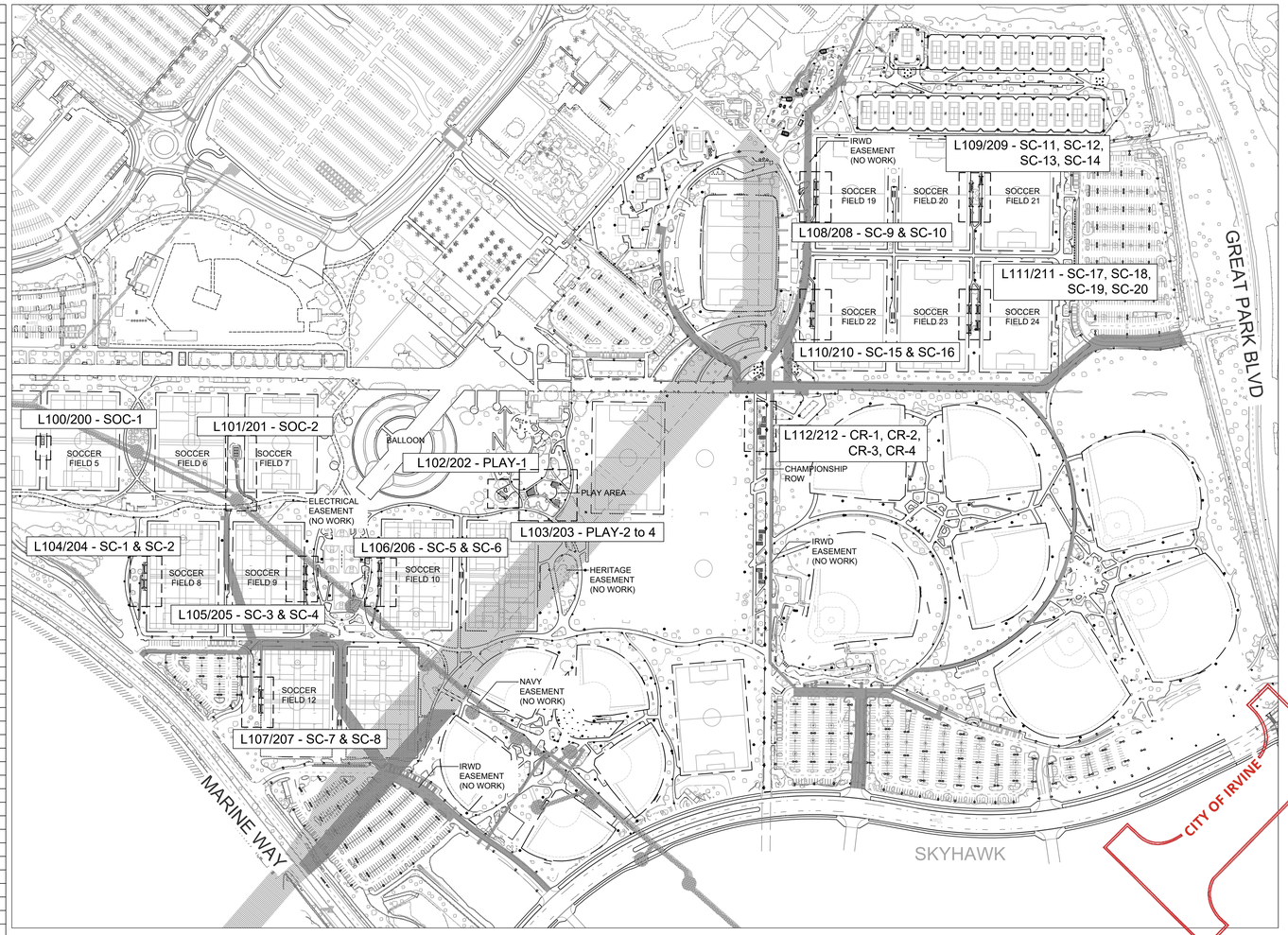
Arcadis, a California Partnership
formerly IBI Group, a California Partnership

POST HOLES (POTHOLING / X-TRENCHING)

SHEET	STRUCTURE	POST HOLE #	POTHOLE #*	FOOTING Ø*	FOOTING DEPTH	SURFACE MATERIAL	AREA	STRUCTURE TYPE	STRUCTURE SIZE	STRUCTURE COLOR	REMARKS
L100	SOC-1	N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)	SOCCER	4-POST SEMI-CUSTOM METAL	10' X 30'	OFF WHITE	MATCH EXISTING PAINT COLOR
		N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)					
		N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)					
		N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)					
L101	SOC-2	N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)	SOCCER	4-POST SEMI-CUSTOM METAL	15' X 30'	OFF WHITE	MATCH EXISTING PAINT COLOR
		N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)					
		N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)					
		N/A	N/A	30"	5'	DECOMPOSED GRANITE (DG)					
L102	PLAY-1	9	1110	36"	14'	PLANTING AREA	PLAY AREA	2-POST HYPAR CANTILEVER	15'X30'	YELLOW	WHITE POSTS, YELLOW FABRIC
		10	1109	36"	14'	PLANTING AREA					
L103	PLAY-2	11	1112	30"	11'	DECOMPOSED GRANITE (DG)	PLAY AREA	4-POST HYPAR SAIL	27' X 24.5'	YELLOW	WHITE POSTS, YELLOW FABRIC
		12	1111	30"	11'	DECOMPOSED GRANITE (DG)					
		13	1113	30"	11'	DECOMPOSED GRANITE (DG)					
		14	1114	30"	11'	DECOMPOSED GRANITE (DG)					
L103	PLAY-3	15	1119	30"	9'	TURF	PLAY AREA	4-POST HYPAR SAIL	27' X 21'	YELLOW	WHITE POSTS, YELLOW FABRIC
		16	1122	30"	9'	TURF					
		17	1121	30"	9'	TURF					
		18	1120	30"	9'	TURF					
L103	PLAY-4	19	1116	30"	9'	CONCRETE	PLAY AREA	4-POST HYPAR SAIL	25' X 17'	YELLOW	WHITE POSTS, YELLOW FABRIC
		20	1115	30"	9'	CONCRETE					
		21	1118	30"	9'	TURF					
		22	1117	30"	9'	TURF					
L104	SC-1	23	1105A	30"	11'	TURF	SOCCER - FIELD 8	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		24	1106A	30"	11'	TURF					
L104	SC-2	25	1107A	30"	11'	TURF	SOCCER - FIELD 8	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		26	1108A	30"	11'	TURF					
L105	SC-3	27	1089	30"	11'	TURF	SOCCER - FIELD 9	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		28	1090	30"	11'	TURF					
L105	SC-4	29	1091	30"	11'	TURF	SOCCER - FIELD 9	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		30	1092	30"	11'	TURF					
L106	SC-5	31	1081	30"	11'	TURF	SOCCER - FIELD 10	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		32	1082	30"	11'	TURF					
L106	SC-6	33	1083	30"	11'	TURF	SOCCER - FIELD 10	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		34	1084	30"	11'	TURF					
L107	SC-7	35	1077	30"	11'	CONCRETE	SOCCER - FIELD 12	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		36	1078	30"	11'	CONCRETE					
L107	SC-8	37	1079	30"	11'	CONCRETE	SOCCER - FIELD 12	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		38	1080	30"	11'	CONCRETE					
L108	SC-9	39	1005	30"	11'	CONCRETE	SOCCER - FIELD 19	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		40	1006	30"	11'	CONCRETE					
L108	SC-10	41	1007	30"	11'	CONCRETE	SOCCER - FIELD 19	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		42	1008	30"	11'	CONCRETE					
L109	SC-11	43	1011	30"	11'	TURF	SOCCER - FIELD 20	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		44	1012	30"	11'	TURF					
L109	SC-12	45	1016	30"	11'	TURF	SOCCER - FIELD 20	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		46	1015	30"	11'	TURF					
L109	SC-13	47	1009	30"	11'	TURF	SOCCER - FIELD 21	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		48	1010	30"	11'	TURF					
L109	SC-14	49	1013	30"	11'	TURF	SOCCER - FIELD 21	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		50	1014	30"	11'	TURF					
L110	SC-15	51	1025	30"	11'	TURF	SOCCER FIELD 22	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		52	1026	30"	11'	TURF					
L110	SC-16	53	1027	30"	11'	TURF	SOCCER FIELD 22	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		54	1028	30"	11'	TURF					
L111	SC-17	55	1017	30"	11'	CONCRETE	SOCCER FIELD 23	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		56	1018	30"	11'	CONCRETE					
L111	SC-18	57	1019	30"	11'	CONCRETE	SOCCER FIELD 23	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		58	1020	30"	11'	CONCRETE					
L111	SC-19	59	1024A	30"	11'	TURF	SOCCER FIELD 24	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		60	1023A	30"	11'	TURF					
L111	SC-20	61	1022B	30"	11'	TURF	SOCCER FIELD 24	2-POST FULL HIP CANTILEVER	15' X 30'	GREEN	WHITE POSTS, GREEN FABRIC
		62	1021B	30"	11'	TURF					
L112	CR-1	63	1032	30"	6'	DECOMPOSED GRANITE (DG)	CHAMPIONSHIP ROW	4-POST SEMI-CUSTOM METAL	10' X 20'	OFF WHITE	MATCH EXISTING PAINT COLOR
		64	1029	30"	6'	DECOMPOSED GRANITE (DG)					
		65	1031	30"	6'	DECOMPOSED GRANITE (DG)					
		66	1030	30"	6'	DECOMPOSED GRANITE (DG)					
L112	CR-2	67	1036	30"	6'	DECOMPOSED GRANITE (DG)	CHAMPIONSHIP ROW	4-POST SEMI-CUSTOM METAL	10' X 20'	OFF WHITE	MATCH EXISTING PAINT COLOR
		68	1033	30"	6'	DECOMPOSED GRANITE (DG)					
		69	1035	30"	6'	DECOMPOSED GRANITE (DG)					
		70	1034	30"	6'	DECOMPOSED GRANITE (DG)					
L112	CR-3	71	1037	30"	6'	DECOMPOSED GRANITE (DG)	CHAMPIONSHIP ROW	4-POST SEMI-CUSTOM METAL	10' X 20'	OFF WHITE	MATCH EXISTING PAINT COLOR
		72	1038	30"	6'	DECOMPOSED GRANITE (DG)					
		73	1040	30"	6'	DECOMPOSED GRANITE (DG)					
		74	1039	30"	6'	DECOMPOSED GRANITE (DG)					
L112	CR-4	75	1041A	30"	6'	DECOMPOSED GRANITE (DG)	CHAMPIONSHIP ROW	4-POST SEMI-CUSTOM METAL	10' X 20'	OFF WHITE	MATCH EXISTING PAINT COLOR
		76	1044A	30"	6'	DECOMPOSED GRANITE (DG)					
		77	1042A	30"	6'	DECOMPOSED GRANITE (DG)					
		78	1043A	30"	6'	DECOMPOSED GRANITE (DG)					

*DEPTH AND DIAMETER TO BE DETERMINED BY STRUCTURAL ENGINEER AND REVIEWED BY OWNER DURING DEFERRED SUBMITTAL PROCESS.



SHEET INDEX MAP

0 200 400 600 feet
SCALE: 1" = 200'

True North | Project North

8								
7								
6								
5								
4								
3								
2								
NO.								DATE

REVISIONS

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
Phone: 949.553.0666
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026
Jennifer Moore
No. 6065
LICENSED LANDSCAPE ARCHITECT
STATE OF CALIFORNIA

Plotted: Thursday, June 25, 2026 5:53:33 PM by Moore, Jennifer

Last Saved: June 25, 2026 by moorej7619

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
OVERALL PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

L000

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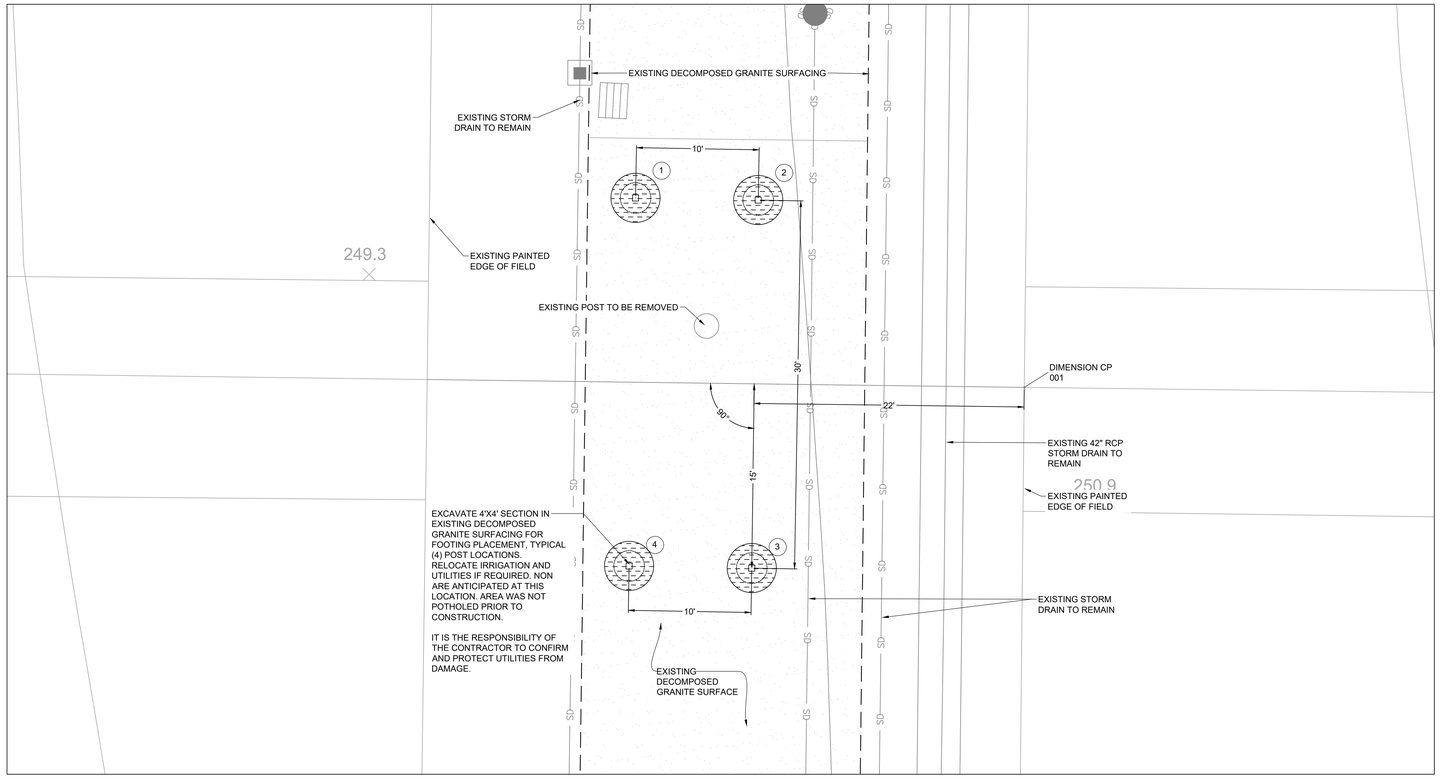
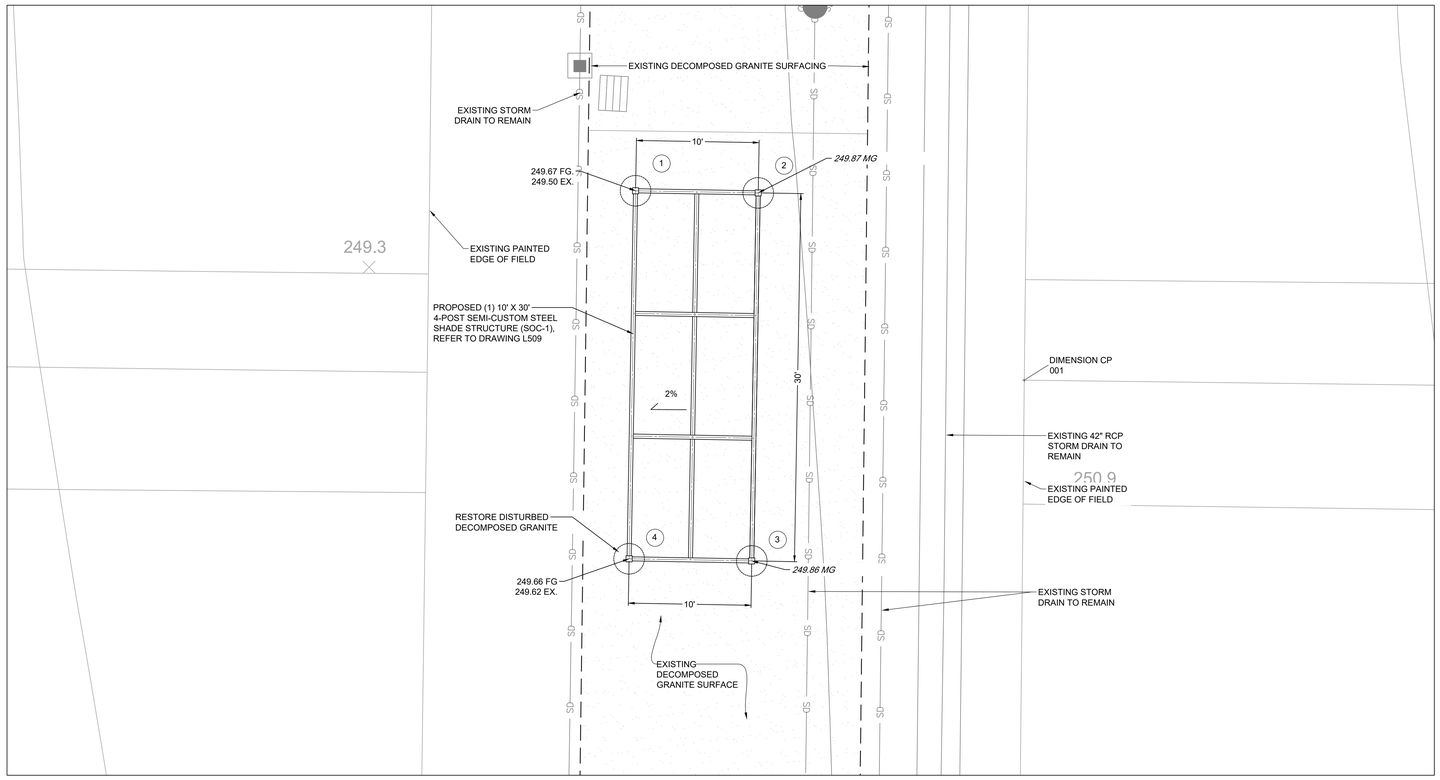
SCALE CHECK: 50mm | 1 in

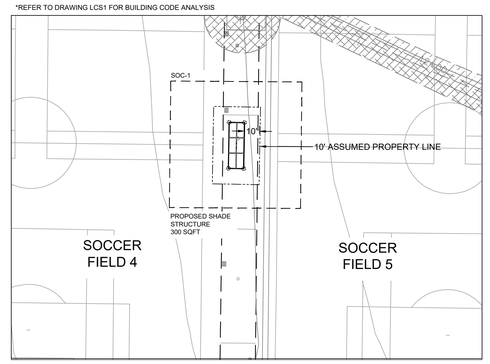


1 DEMOLITION PLAN



2 LAYOUT PLAN

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

0 40 80 120 feet

SCALE: 1" = 40'

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
——— - - ———	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

GENERAL AND SHADE STRUCTURE NOTES:

1. COLOR: TO MATCH EXISTING CHAMPIONSHIP ROW SEMI-CUSTOM SHELTERS. FINISH ON EXISTING STRUCTURES CONSISTS OF 1 COAT ZINC RICH METAL PRIMER AND 2 COATS RAL9003 - SEMI-GLOSS FINISH. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
2. CANOPY DESIGN - REFERENCE SHEET L509 THIS SET ILLUSTRATING THE CITY OF IRVINE STANDARD PLAN FOR THE SEMI-CUSTOM SHADE STRUCTURE. (MATCH EXISTING) DESIGNED BY OTHERS AND PROVIDED FOR REFERENCE ONLY.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY.
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW SHADE STRUCTURE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
8. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
9. CONTRACTOR SHALL PROVIDE A 10 YEAR MINIMUM WARRANTY ON ALL SHADE STRUCTURES. IF HOWEVER, THE MANUFACTURER'S WARRANTY IS LONGER THAN TEN YEAR THEN THAT LONGER WARRANTY SHALL BE PROVIDED TO THE OWNER AND INCLUDED WITHIN THE PROJECTS O&M MANUAL/WARRANTY PRIOR TO SUBSTANTIAL COMPLETION.
10. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

NO.	DATE	REVISIONS
8		
7		
6		
5		
4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:

SOILS ENGINEER:

REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue • Suite 300
Irvine CA 92612 USA
949 863 0566
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT:
LICENSE NO. EXP. DATE
06/30/2026

LICENSED LANDSCAPE ARCHITECT JENNIFER MOORE No. 6066 Exp. 06/30/2026 STATE OF CALIFORNIA

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER | SEMI-CUSTOM SOC-1
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS

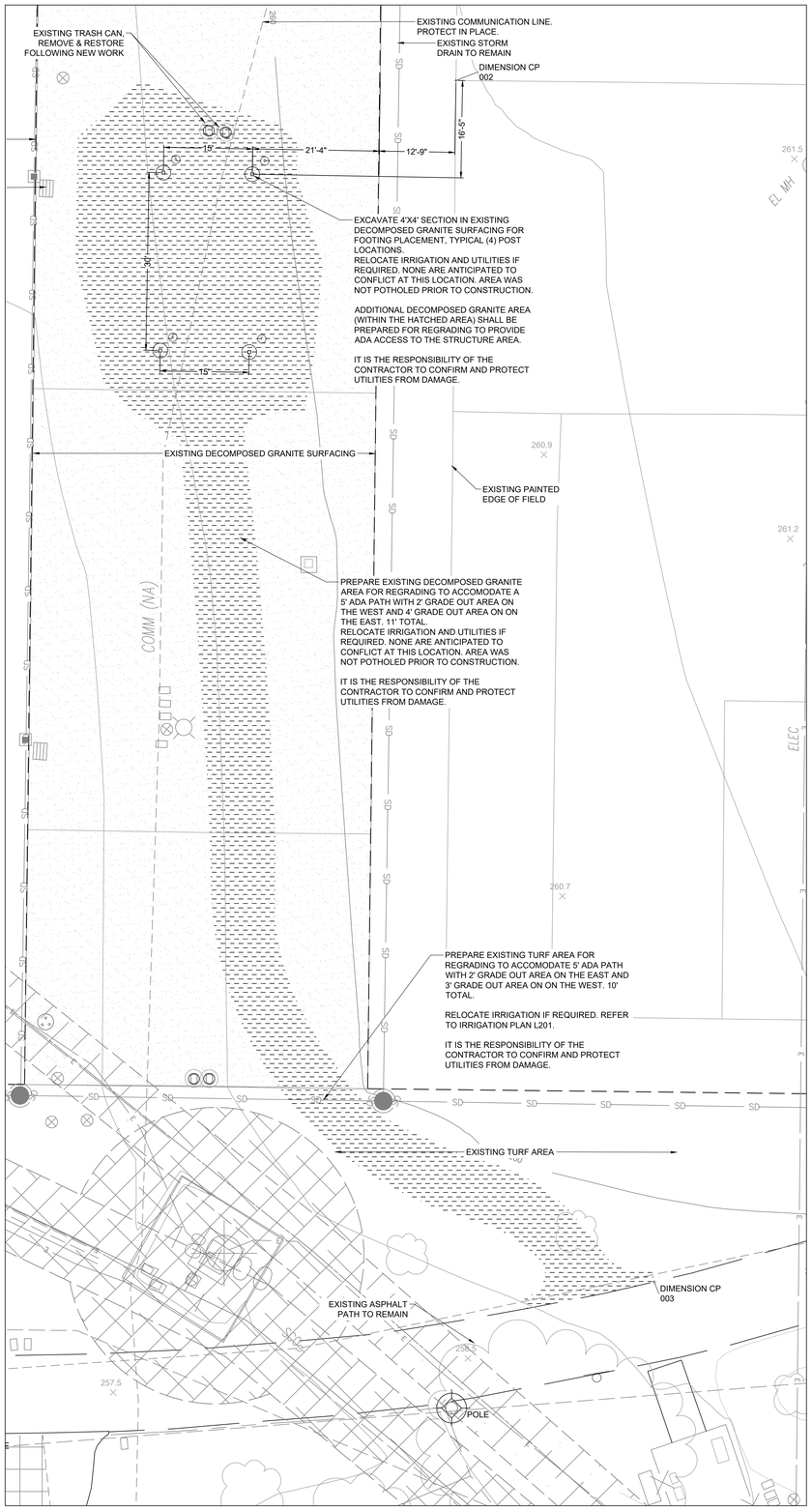
PERMIT : CIP # 372602

L100

File Location: J:\145533_Irvine_Great\P_Production\P_01_Design\05_Landscape\Sheets\Set\145533_1_Layout_Grading.dwg Last Saved: June 25, 2026, by moorej7119 Plotted: Thursday, June 25, 2026 8:20:34 PM by Moore, Jennifer

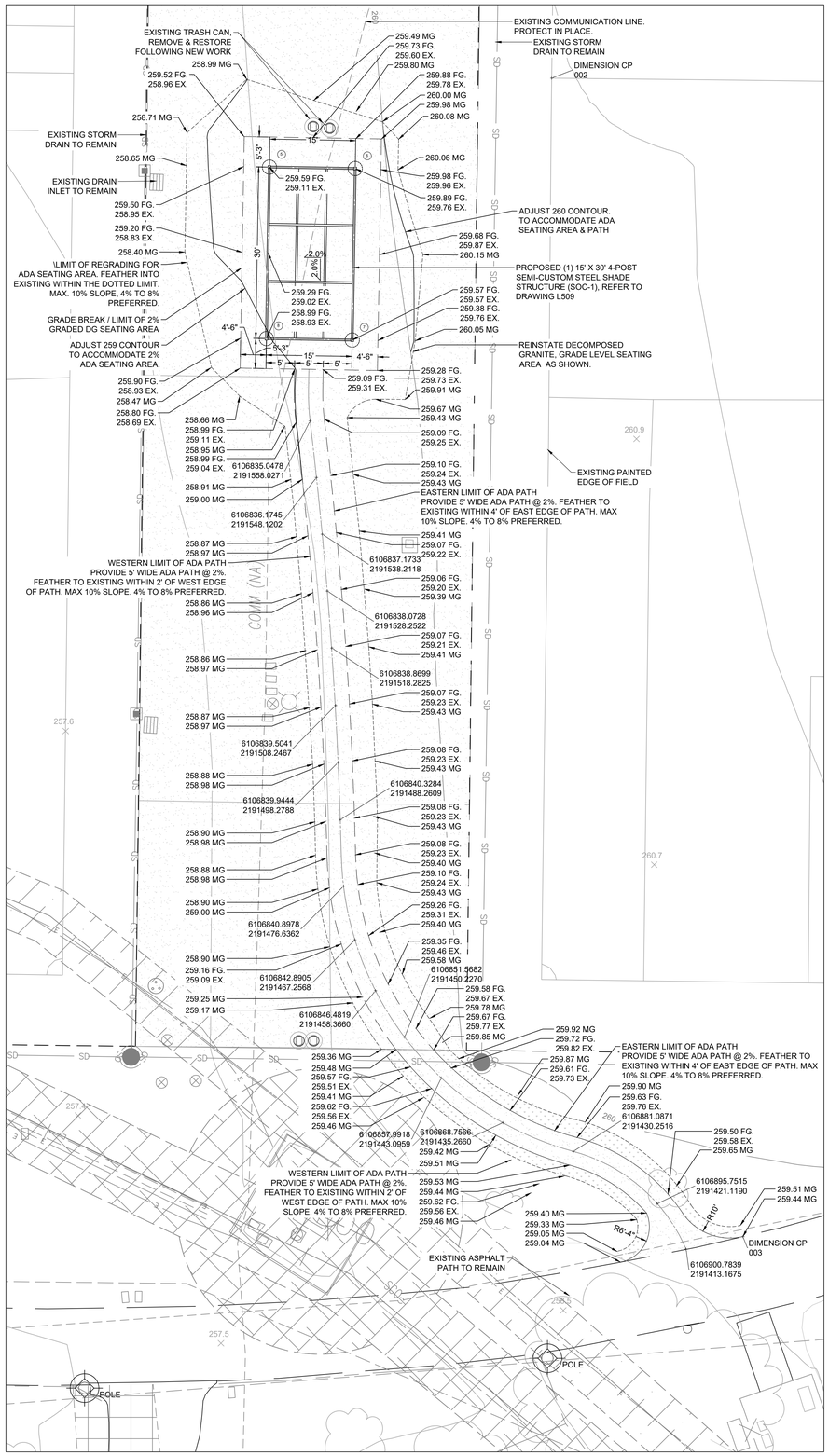
SCALE CHECK
1 Stem
1 in

True North Project North



1 DEMOLITION PLAN

SCALE: 1" = 10'



2 LAYOUT PLAN

SCALE: 1" = 10'

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(100)	POTHOLE/X-TRENCH NUMBER
	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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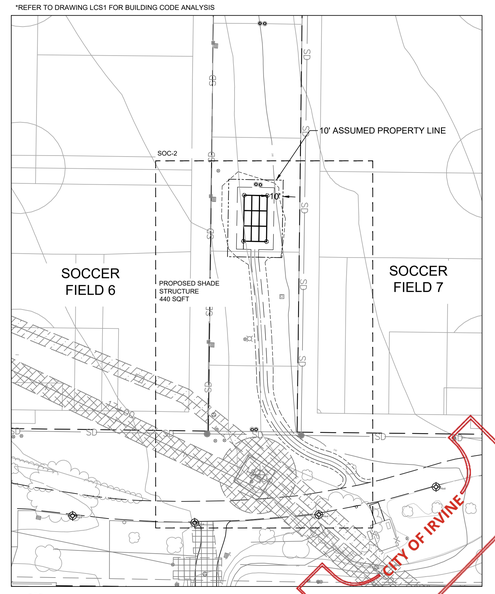
Arcadis, a California Partnership
formerly IBI Group, a California Partnership

SOCCER GENERAL AND SEMI-CUSTOM SHADE STRUCTURE NOTES:

1. COLOR: TO MATCH EXISTING CHAMPIONSHIP ROW SEMI-CUSTOM SHELTERS. FINISH ON EXISTING STRUCTURES CONSISTS OF 1 COAT ZINC RICH METAL PRIMER AND 2 COATS RAL9003 - SEMI-GLOSS FINISH. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
2. CANOPY DESIGN - REFERENCE SHEET L509 THIS SET ILLUSTRATING THE CITY OF IRVINE STANDARD PLAN FOR THE SEMI-CUSTOM SHADE STRUCTURE. (MATCH EXISTING) DESIGNED BY OTHERS AND PROVIDED FOR REFERENCE ONLY.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY.
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW SHADE STRUCTURE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
8. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
9. CONTRACTOR SHALL PROVIDE A 10 YEAR MINIMUM WARRANTY ON ALL SHADE STRUCTURES. IF HOWEVER, THE MANUFACTURER'S WARRANTY IS LONGER THAN TEN YEAR THEN THAT LONGER WARRANTY SHALL BE PROVIDED TO THE OWNER AND INCLUDED WITHIN THE PROJECTS O&M MANUAL/WARRANTY PRIOR TO SUBSTANTIAL COMPLETION.
10. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'

NO.	DATE	REVISIONS
8		
7		
6		
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2	08.21.2024	AS INDICATED

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

LICENSED LANDSCAPE ARCHITECT — Jennifer Moore — No. 5636 — Exp. 08-31-2025 — STATE OF CALIFORNIA

06/30/2026 LICENSE NO. EXP. DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
Phone: 949.863.9782
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT:

Plotted: Thursday, June 25, 2026 12:31 PM by Moore, Jennifer
Last Saved: June 25, 2026 by moorej7119

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER | SEMI-CUSTOM SOC-2
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

L101

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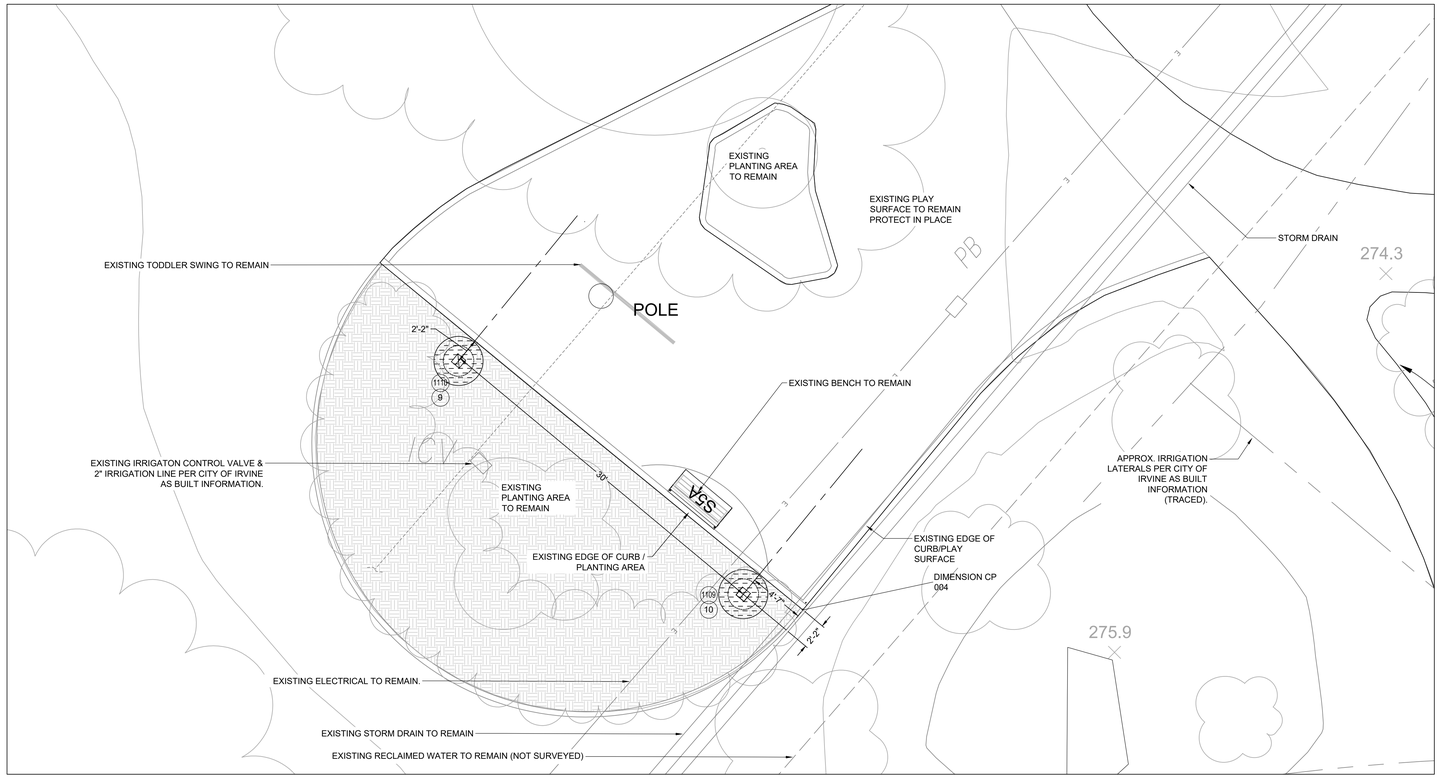
DATA CHECK: 1" 0 1" 1in

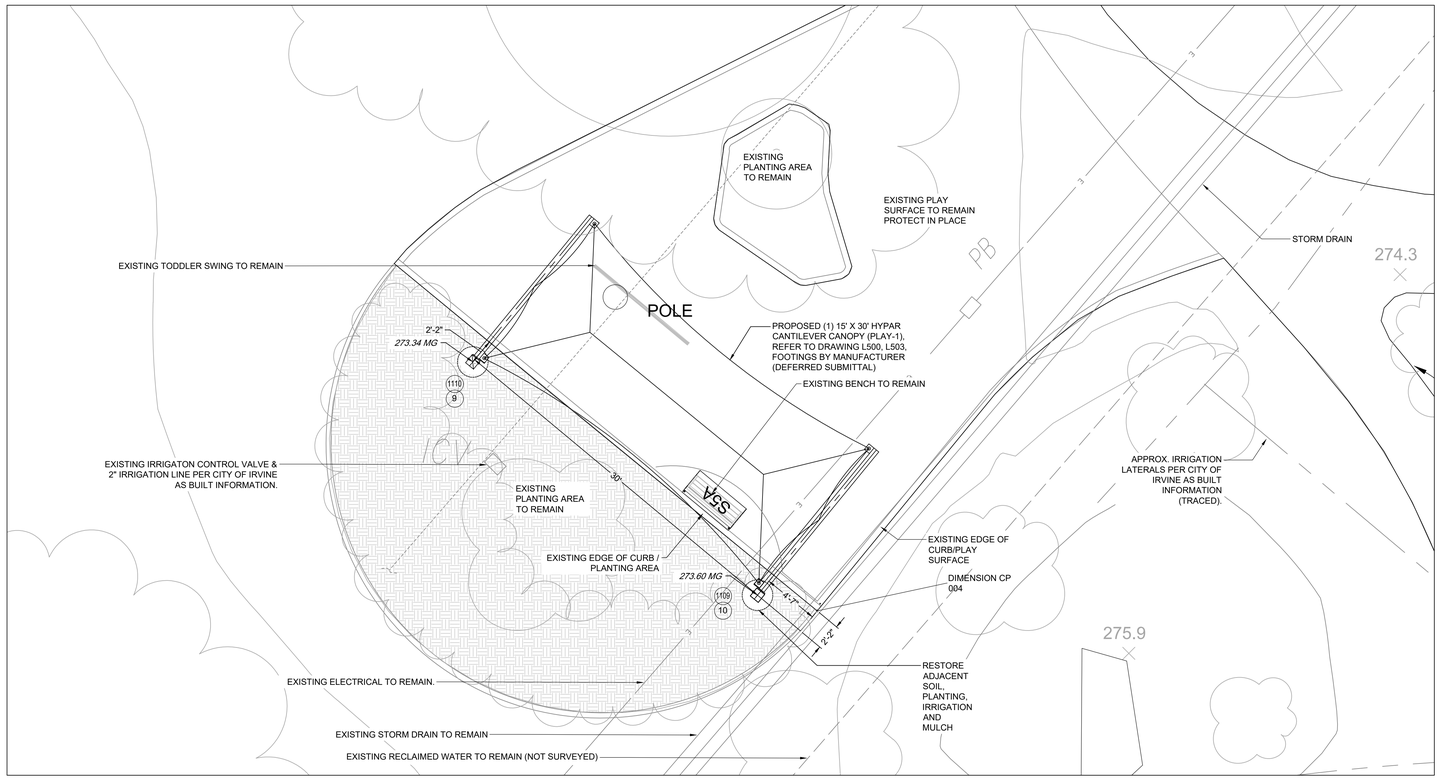
0 10 20 40 feet

True North Project North



1 DEMOLITION PLAN

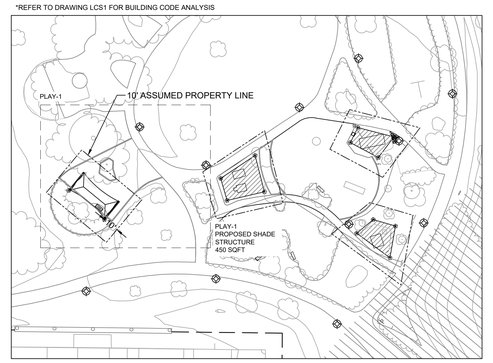
SCALE: 1" = 5'



2 LAYOUT PLAN

SCALE: 1" = 5'

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

PLAY AREA GENERAL AND CANTILEVER SHADE STRUCTURE NOTES:

1. FABRIC COLOR: YELLOW. CONTRACTOR TO PROVIDE FABRIC SAMPLE FOR OWNER APPROVAL.
2. POLE COLOR: WHITE TO MATCH EXISTING. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY.
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. SHADE FABRIC TO BE NON-COMBUSTIBLE PER OCFA OR OFFSET 5' FROM BUILDING EDGE
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW FABRIC SHADE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
9. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
10. CONTRACTOR SHALL PROVIDE A 10 YEAR MINIMUM WARRANTY ON ALL FABRIC SHADE STRUCTURES. IF HOWEVER, THE MANUFACTURER'S WARRANTY IS LONGER THAN TEN YEAR THEN THAT LONGER WARRANTY SHALL BE PROVIDED TO THE OWNER AND INCLUDED WITHIN THE PROJECTS O&M MANUAL/WARRANTY PRIOR TO SUBSTANTIAL COMPLETION.
11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

NO.	DATE	REVISIONS
8		
7		
6		
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4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

LICENSED LANDSCAPE ARCHITECT * JENNIFER MOORE * No. 6421 * STATE OF CALIFORNIA * EXP. 08-31-2025

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
949.553.0666
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT:
06/30/2023
LICENSE NO. EXP. DATE

Plotted: Thursday, June 25, 2026 8:51:29 PM by Moore, Jennifer
Last Saved: June 25, 2026 by moorej1619
File Location: 31645301_Irvine_Great(P)_Production\10_Design\Landscape\Sheets\Set\45301_1_Layout_Grading.dwg

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
PLAYGROUND AREA CANTILEVER HYPAR PLAY-1
DEMO, LAYOUT & MATERIALS PLAN

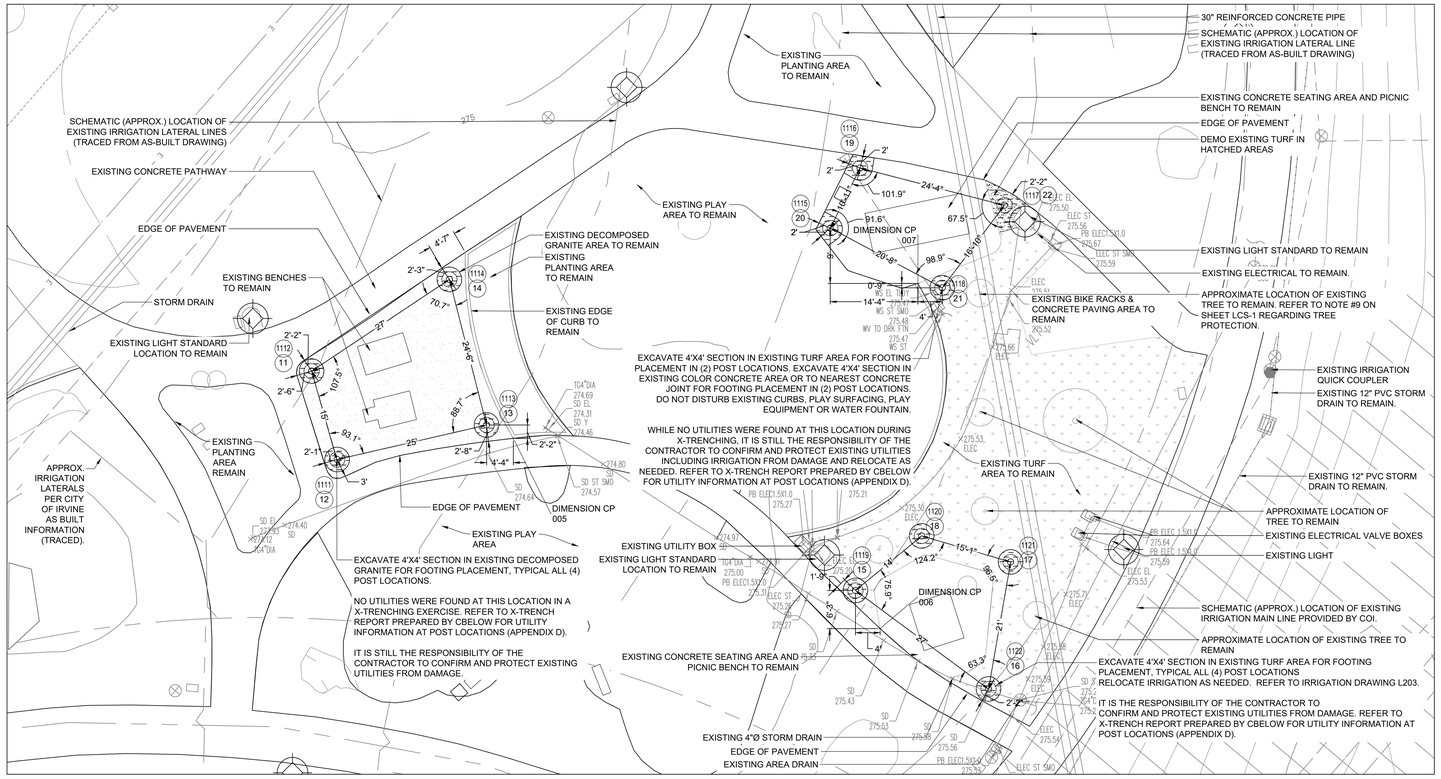
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

L102

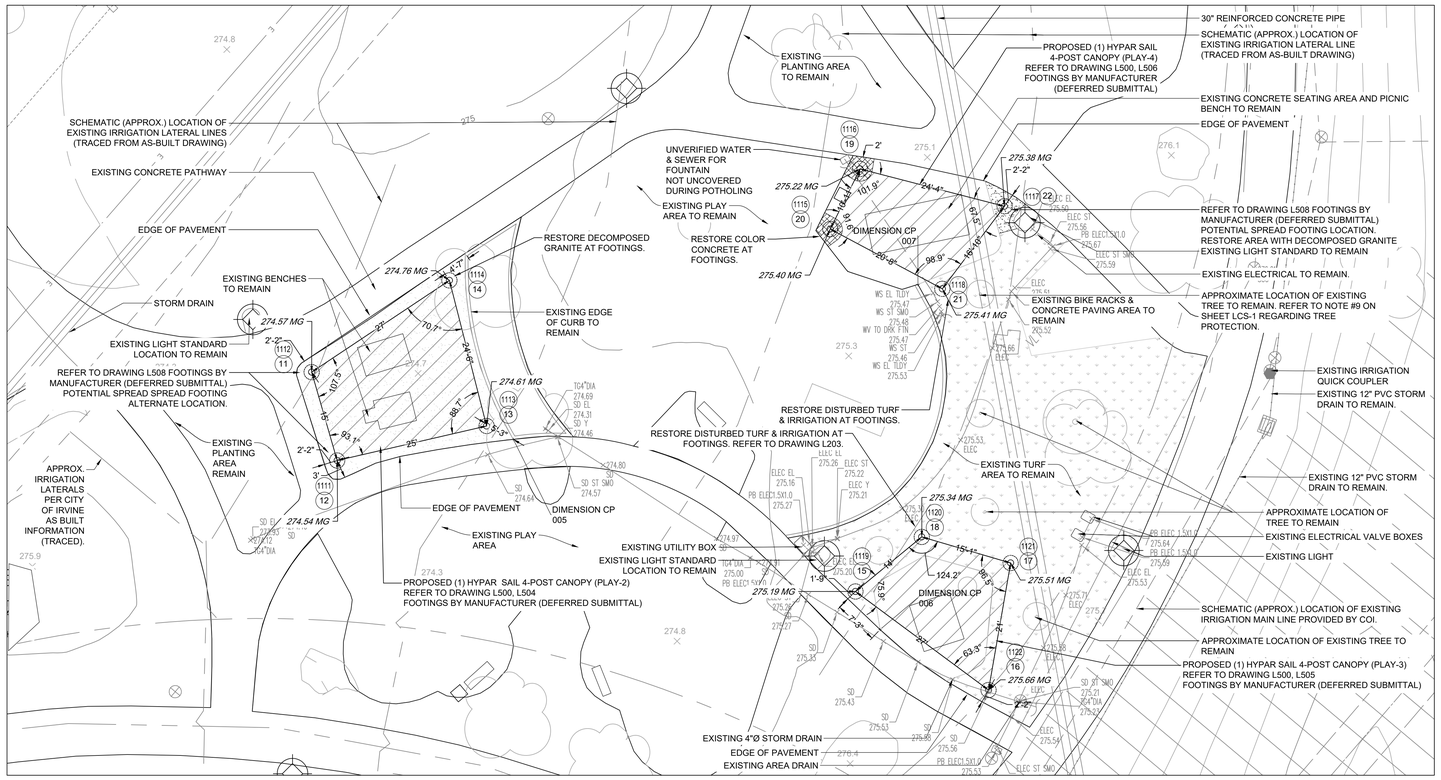
True North | Project North

SCALE CHECK 1 in. 50mm



1 DEMOLITION PLAN

0 10 20 40 feet
SCALE: 1" = 10'



2 LAYOUT PLAN

0 10 20 40 feet
SCALE: 1" = 10'

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

PLAY AREA GENERAL AND HYPAR SHADE STRUCTURE NOTES:

1. FABRIC COLOR: YELLOW. CONTRACTOR TO PROVIDE FABRIC SAMPLE FOR OWNER APPROVAL.
2. POLE COLOR: WHITE TO MATCH EXISTING. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY.
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. SHADE FABRIC TO BE NON-COMBUSTIBLE PER OCFA OR OFFSET 5' FROM BUILDING EDGE
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW FABRIC SHADE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

POST COORDINATES

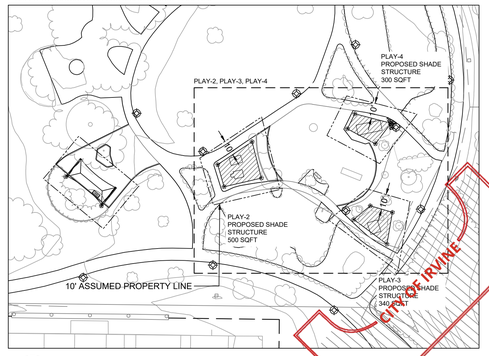
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L103	PLAY-2	11	1112	6107838, 2191450	Cleared to 12' Encountered asphalt debris and rocks. Spread footing may be considered. Caution: Irrigation may existing in close proximity.
		12	1111	6107842, 2191436	Cleared to 12' Encountered asphalt debris and rocks. Spread footing may be considered.
		13	1113	6107866, 2191441	Cleared to 12' Encountered asphalt debris and rocks. Spread footing may be considered.
		14	1114	6107860, 2191465	Cleared to 12' Encountered asphalt debris and rocks. Spread footing may be considered.
L103	PLAY-3	15	1119	6107926, 2191414	Cleared to 12' Exposed 1" irrigation
		16	1122	6107948, 2191398	Cleared to 12' Caution: SD in the vicinity.
		17	1121	6107952, 2191419	Cleared to 12'
		18	1120	6107937, 2191423	Cleared to 12'
L103	PLAY-4	19	1116	6107927, 2191483	Cleared to 12' Caution: Utilities exist in close proximity.
		20	1115	6107922, 2191474	Cleared to 12'
		21	1118	6107941, 2191464	Cleared to 12'. Caution: Utilities exist in close proximity.
		22	1117	6107951, 2191477	Cleared to 10' Encountered asphalt debris and rocks. Spread footing may be considered. Caution: Utilities exist in close proximity.

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
005	6107871, 2191439	274.64
006	6107930, 2191408	275.25
007	6107937, 2191465	275.38

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

0 10 80 120 feet
SCALE: 1" = 40'

NO.	DATE	REVISIONS
8		
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6		
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4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
949.809.3000
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT:
LICENSE NO. 6421 EXP. DATE 08/30/2025

LICENSED LANDSCAPE ARCHITECT * JENNIFER MOORE * No. 6421 * STATE OF CALIFORNIA * REGISTERED 06/30/2023

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
PLAYGROUND AREA HYPAR SAILS PLAY-2, PLAY-3 & PLAY-4
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

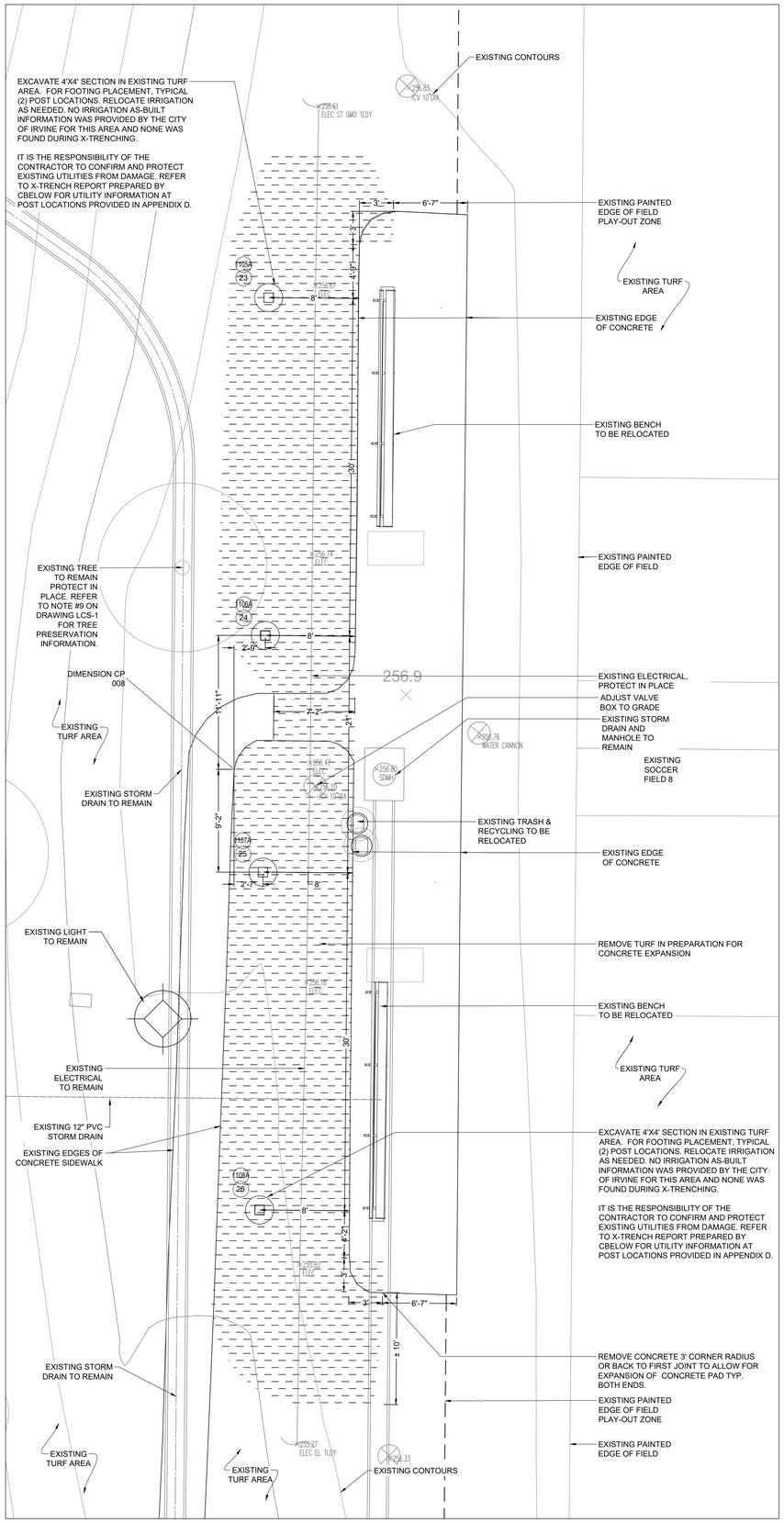
PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

File Location: 31146531_Irvine_Great(P)_Production\10_Design\Landscape\Sheets\Set\146531_-_Layout_Grading.dwg Last Saved: July 3, 2026, by mmorey1119 Plotted: Monday, July 13, 2026 8:54:21 PM by Moore, Jennifer

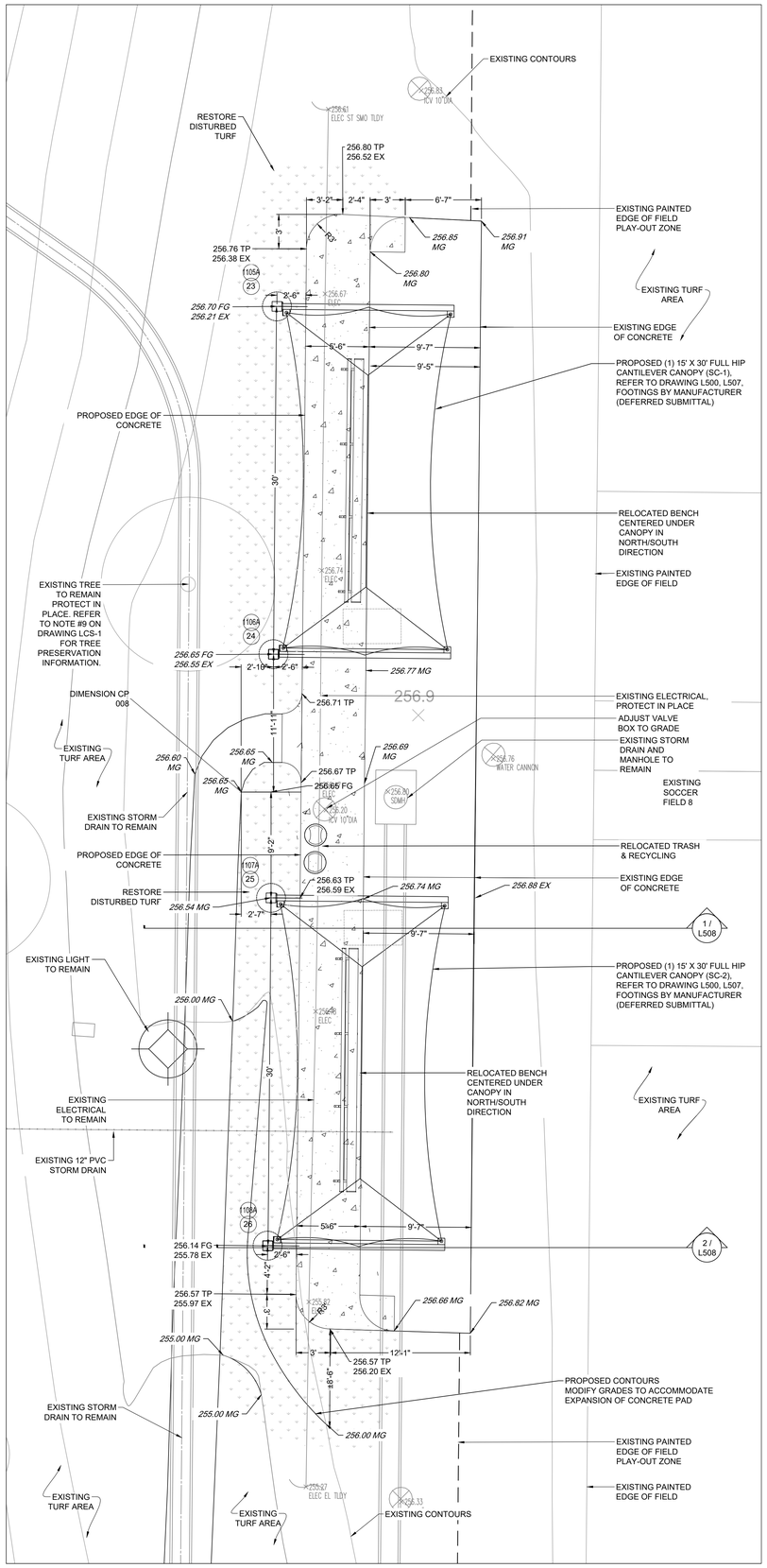
SOLE CHECK 50mm 1 in

True North Project North

L103



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

SOCCER GENERAL AND CANTILEVER SHADE STRUCTURE NOTES:

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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.
12. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS INCLUSIVE OF ALL PROPOSED JOINT TYPES PER CITY STANDARDS, ALONG WITH PROPOSED POUR SEQUENCES, DURATIONS, DOWEL TYPE/SPACING, AND RECOMMENDED CHANGES TO JOINT LOCATIONS IN ORDER TO FURTHER REDUCE THE POTENTIAL OF CONCRETE CRACKS OCCURRING. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS/INFORMATION.

POST COORDINATES

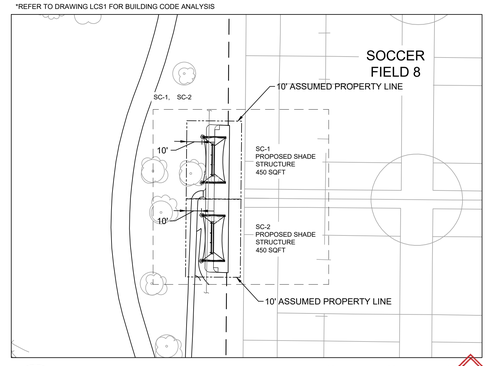
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L104	SC-1	23	1105A	6106511, 2191198	On 3/20/2025 small trench was performed to find furthest utility West exposed was at 5'-3" from concrete edge @3.92' to top of conduits. Location of 1105A was adjusted in line with 1106A, 1107A, & 1108A but was not repotholed as they were clear of utilities.
		24	1106A	6106511, 2191168	Cleared to 11'
L-104	SC-2	25	1107A	6106511, 2191147	Cleared to 11'
		26	1108A	6106511, 2191117	Cleared to 11'

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
008	6106508, 2191156	256.65

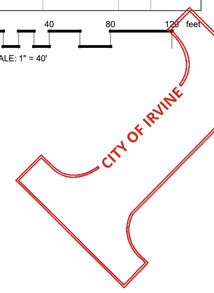
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'



SCALE: 1" = 5'

REVISIONS								
NO.	2	3	4	5	6	7	8	
DATE								

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
Tel: 949.553.9666
www.arcadis.com

JENNIFER MCCABE
LANDSCAPE ARCHITECT: 06/30/2028 LICENSE NO. EXP. DATE

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-1 & SC-2
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

L104

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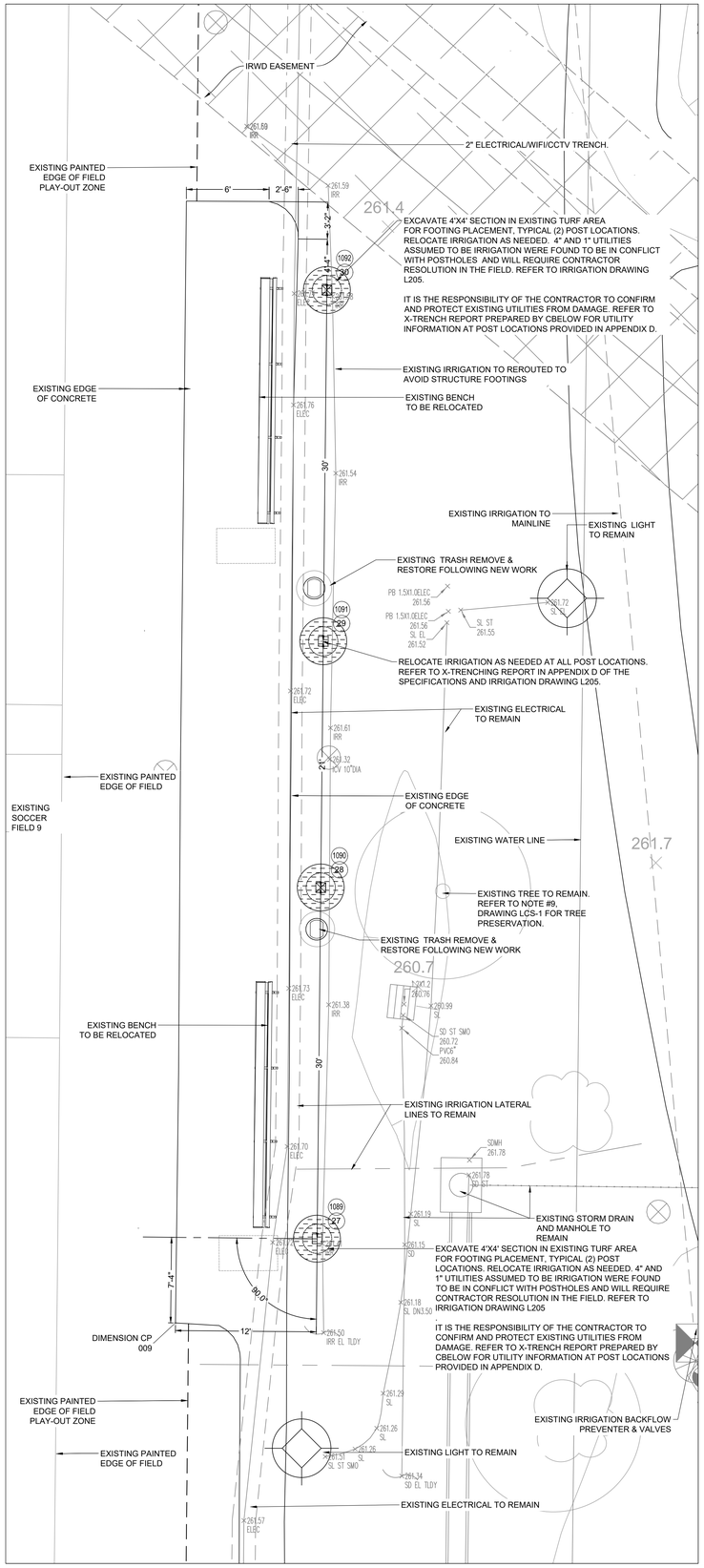
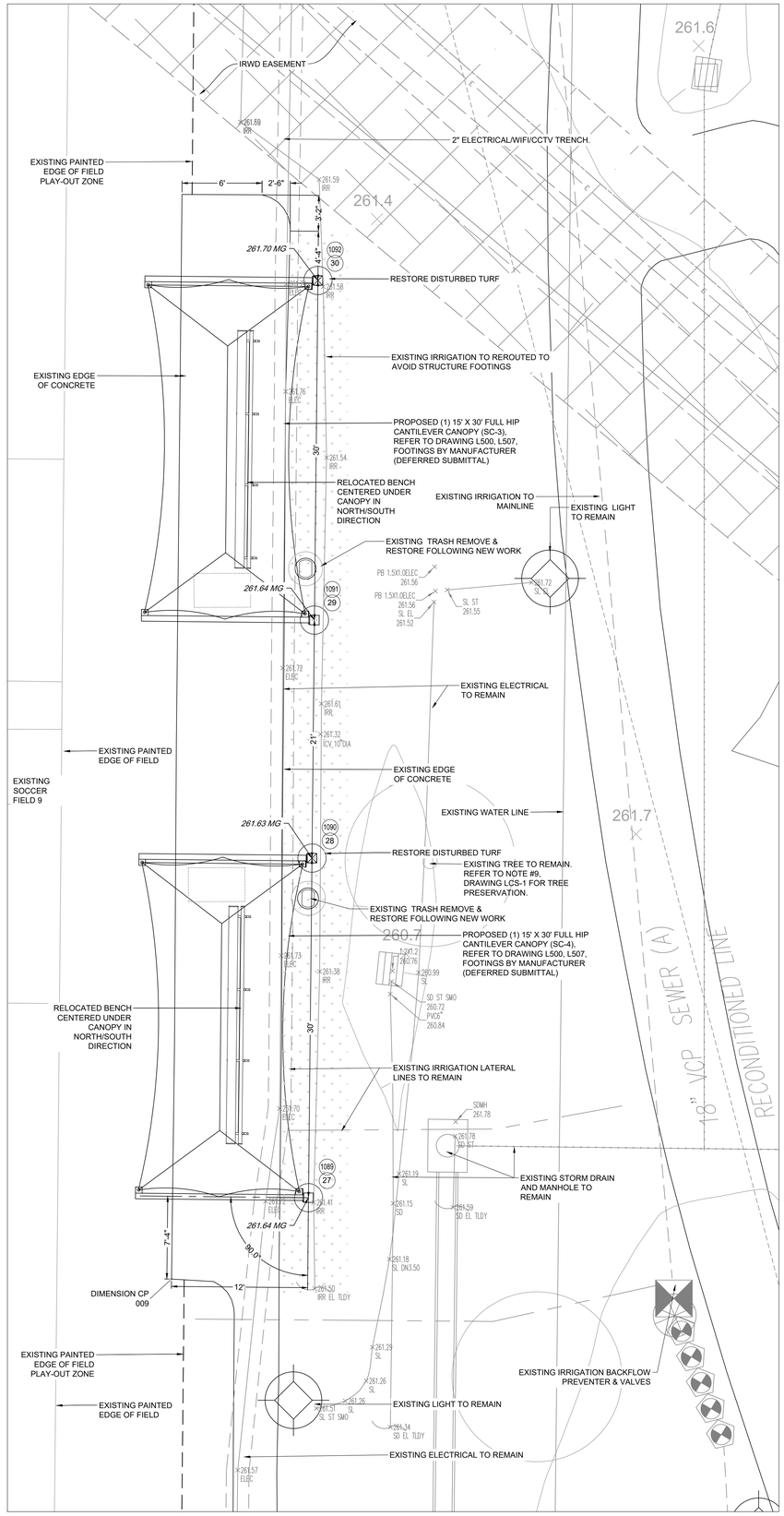
QA/QC CHECK
50mm
1 in



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
——— – – ———	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

SOCCER GENERAL AND CANTILEVER SHADE STRUCTURE NOTES:

1. FABRIC COLOR: GREEN. CONTRACTOR TO PROVIDE FABRIC SAMPLE FOR OWNER APPROVAL.
2. POLE COLOR: WHITE TO MATCH EXISTING. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

POST COORDINATES

SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L105	SC-3	27	1089	6107081, 2191112	Cleared to 11' depth. Exposed a 4" and 1" unknown PVC possibly irrigation @2.52'. Caution: Utilities exist in close proximity.
		28	1090	6107081, 2191142	Cleared to 11' depth. Exposed 4" PVC and 1" PVC @ 2.32' possible irrigation. Caution: Utilities exist in close proximity.
L-105	SC-4	29	1091	6107081, 2191163	Cleared to 11' depth. Exposed 4" PVC and 1" PVC @ 2.36' possible irrigation. Caution: Utilities exist in close proximity.
		30	1092	6107081, 2191193	Cleared to 11' depth. Exposed 4" PVC line w/blue tape @ 2.08' & 1" PVC conduit w/multiple direct bury lines @2.48. Caution: Utilities exist in close proximity.

DIMENSION CONTROL POINT COORDINATES

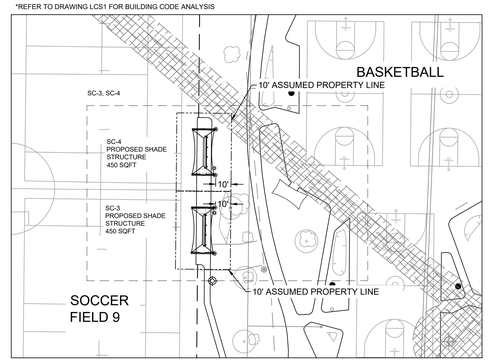
CONTROL POINT	COORDINATES (E,N)	ELEVATION
009	6107088, 2191105	261.75

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET

AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.

POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

0 40 80 120 feet
SCALE: 1" = 40'

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

NO.	DATE	REVISIONS
8		
7		
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2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:

SOILS ENGINEER:

REPORT # DATE

PLANS PREPARED BY:
ARCADIS
19401 Von Karman Avenue • Suite 300
Irvine CA 92612 USA
Tel: 949.553.0666
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026

LICENSED LANDSCAPE ARCHITECT JENNIFER MOORE No. 6026 Exp. 06/30/2026 STATE OF CALIFORNIA

Plotted: Thursday, July 3, 2025 7:54:23 PM by Moore, Jennifer

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK
SOCCER AREA CANTILEVER SC-3 & SC-4
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

CITY OF IRVINE

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

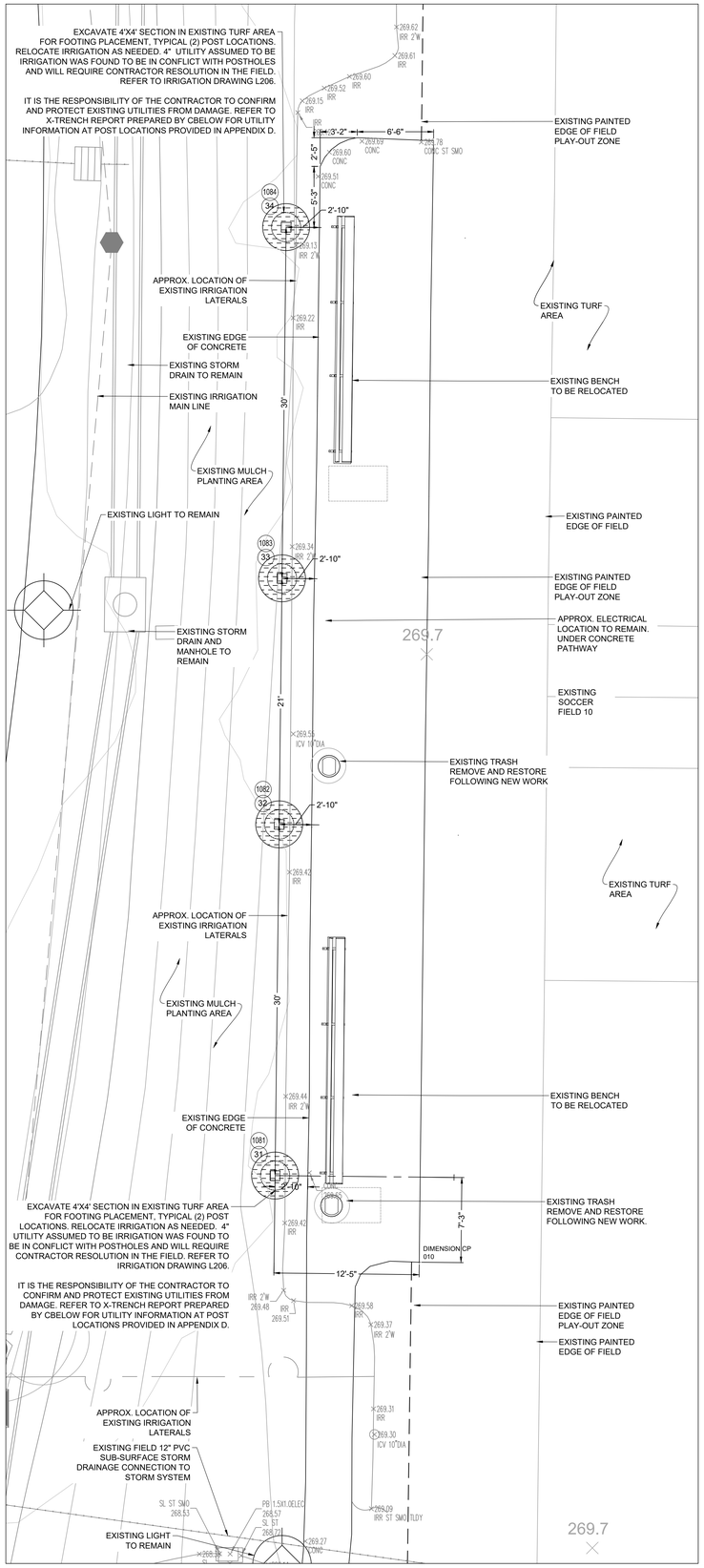
L105

0 5 10 20 feet
SCALE: 1" = 5'

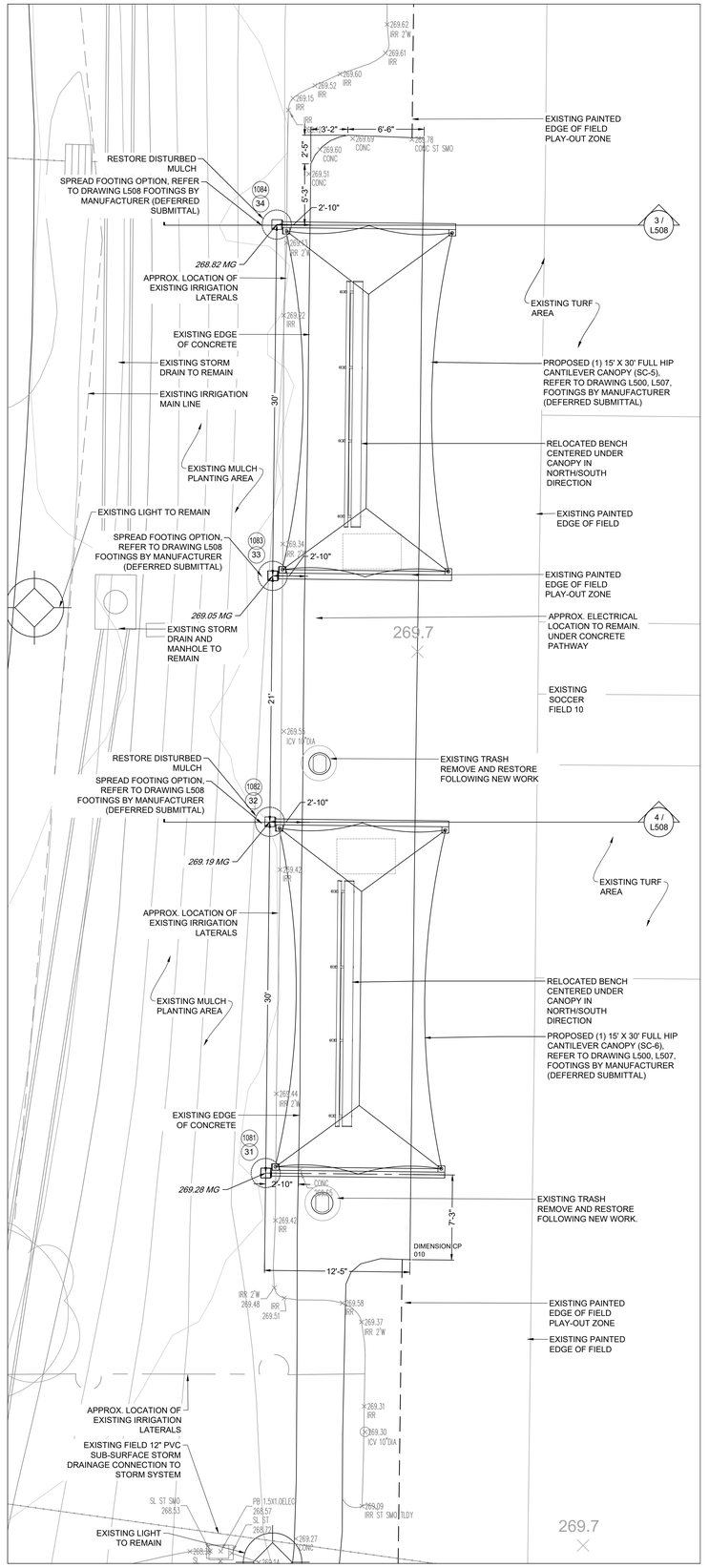
True North Project North

BAR CHECK: 1" 1/2" 1"

File Location: I:\145533_Irvine_Great\1_Production\1.01_Design\05_Landscape\Sheets\Sheet Files\145533_1_Layout_Grading.dwg Last Saved: June 26, 2025, by moorej7119



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

SOCCER GENERAL AND CANTILEVER SHADE STRUCTURE NOTES:

1. FABRIC COLOR: GREEN. CONTRACTOR TO PROVIDE FABRIC SAMPLE FOR OWNER APPROVAL.
2. POLE COLOR: WHITE TO MATCH EXISTING. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY.
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. SHADE FABRIC TO BE NON-COMBUSTIBLE PER OCFA OR OFFSET 5' FROM BUILDING EDGE
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW FABRIC SHADE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
9. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

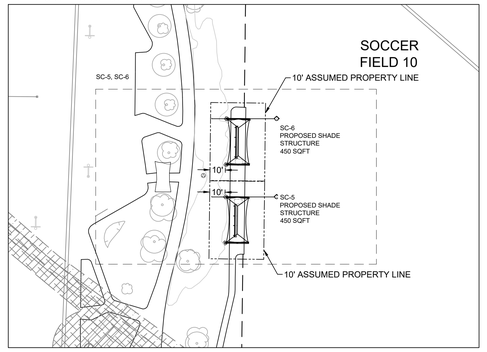
POST COORDINATES

SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L106	SC-5	31	1081	6107322, 2191124	Cleared to 11' depth. Exposed 4" PVC unknown possibly irrigation @ 2.74'.
		32	1082	6107323, 2191154	Cleared to 11' depth. Exposed 4" PVC @ 2.92'. Large amount of asphalt and rocks.
L-106	SC-6	33	1083	6107323, 2191175	Cleared to 11' depth. Exposed 4" PVC possibly irrigation @2.66'. Large amount of asphalt and rocks.
		34	1084	6107323, 2191205	Cleared to 11' depth. Exposed 4" PVC possibly irrigation @2.78'. Large amount of asphalt and rocks.

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
010	6107335, 2191116	269.59

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.
*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'

SCALE: 1" = 5'

CITY OF IRVINE

NO.	REVISIONS	DATE
8		
7		
6		
5		
4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER: DATE
SOILS ENGINEER: REPORT #

PLANS PREPARED BY:
ARCADIS
19401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
Phone: 949.553.1666
www.arcadis.com
JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026

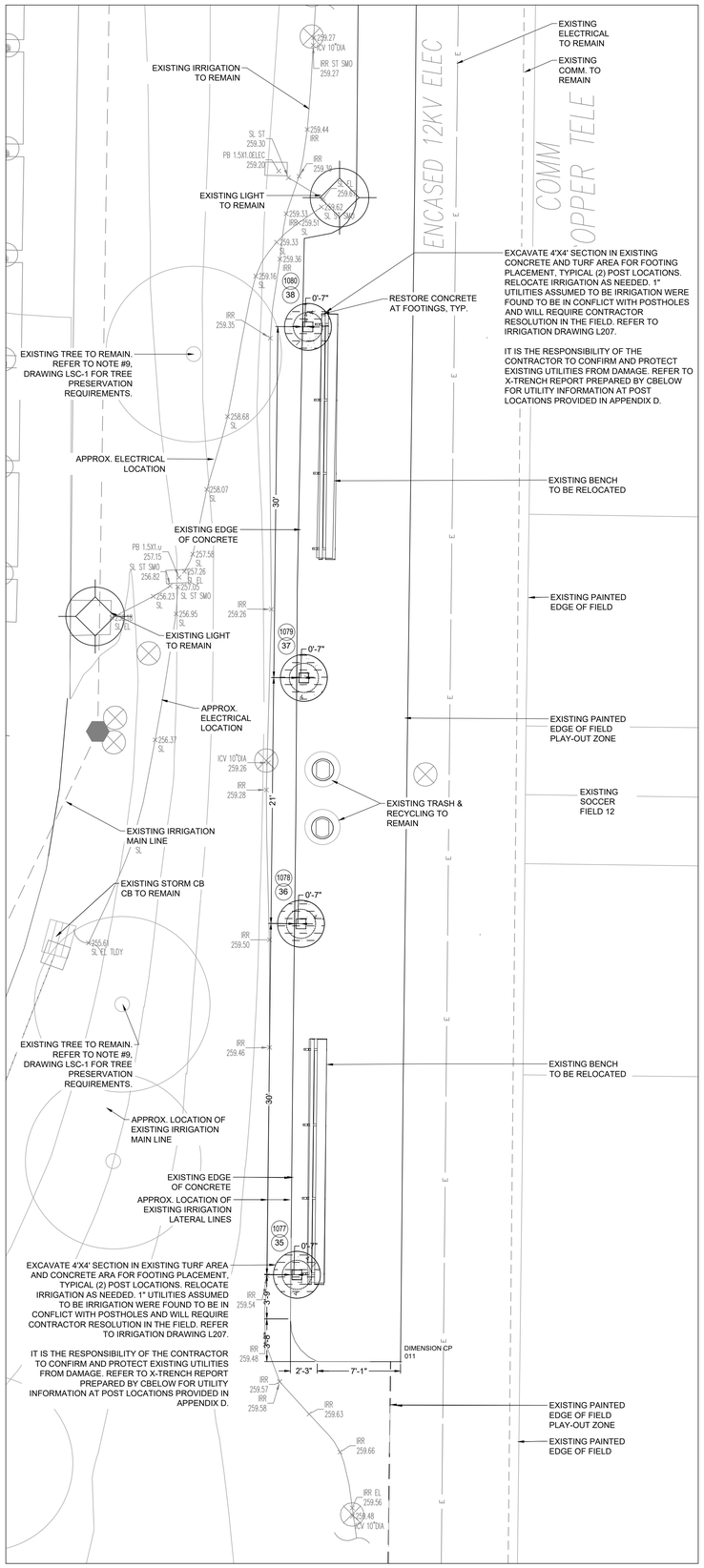
SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-5 & SC-6
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

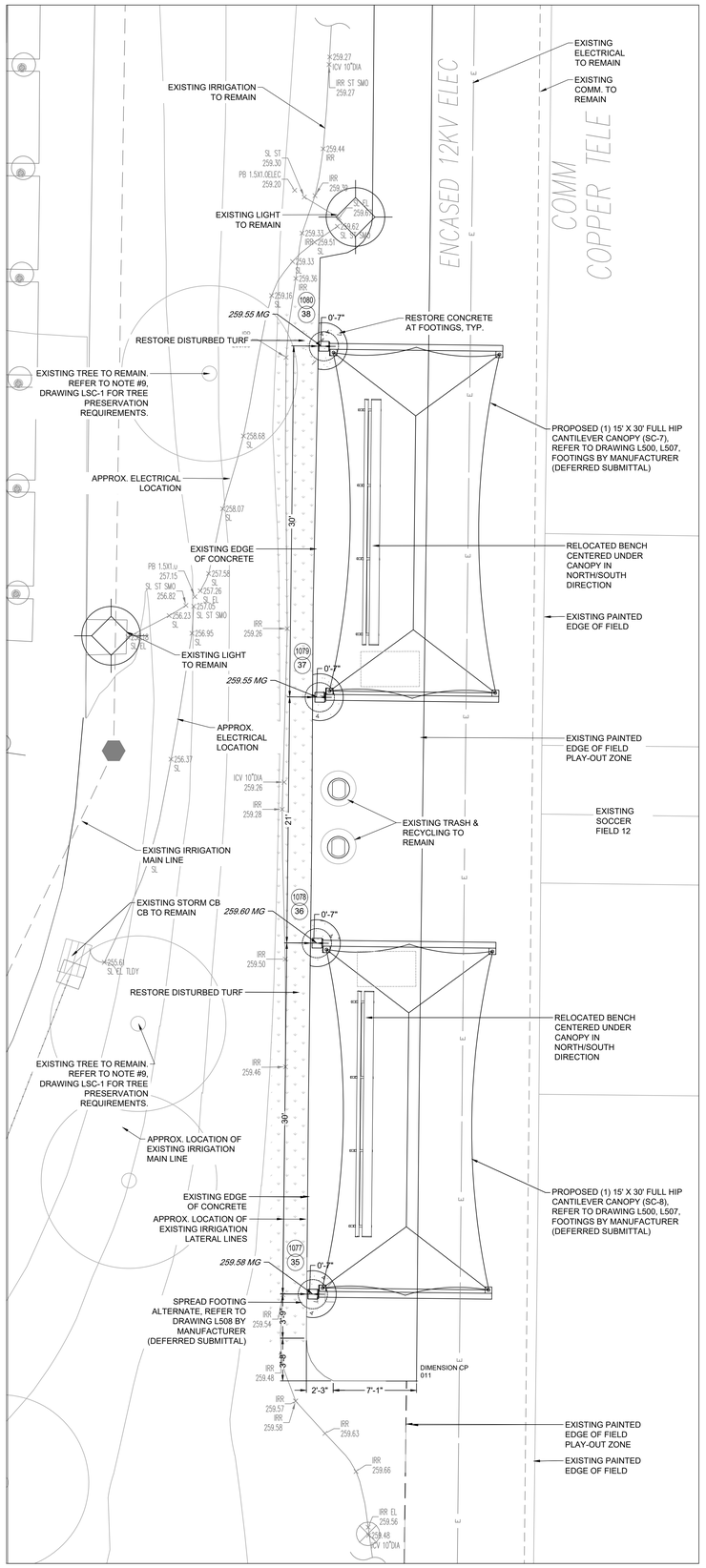
PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

L106

File location: J:\145531_Irvine_Great\P_Production\10_Design\05_Landscape\Sheets\Sheet Set\145531-L Layout_Grading.dwg Last Saved: June 26, 2025, by moorej1119 Plotted: Thursday, July 9, 2026 3:09:18 PM by Moore, Jennifer



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

POST COORDINATES

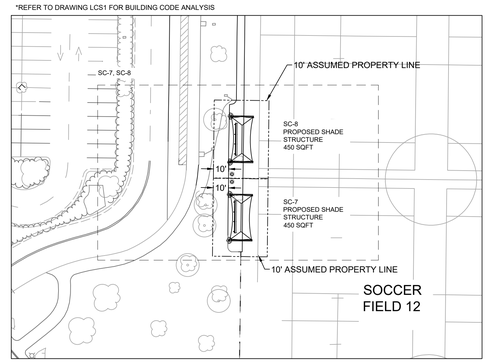
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L107	SC-7	35	1077	6106913, 2190686	Cleared to 11'.
		36	1078	6106913, 2190716	Cleared to 11' depth. Small irrigation line found.
L-107	SC-8	37	1079	6106914, 2190737	Cleared to 11' depth. Small irrigation line found.
		38	1080	6106914, 2190767	Cleared to 6' depth. Small irrigation line found. Encountered asphalt debris and rocks. Consider spread footing.

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
011	6106922, 2190679	259.65

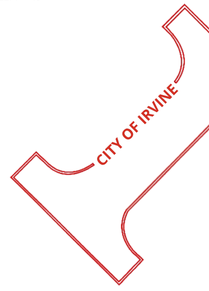
COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'



SCALE: 1" = 5'

True North | Project North

NO.	DATE	REVISIONS
2		
3		
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5		
6		
7		
8		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
19401 Von Karman Avenue • Suite 300
Irvine CA 92612 USA
tel: 949.863.9886
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. 6630/2028 EXP. DATE

Plotted: Thursday, July 3, 2025 8:25:51 PM by Moore, Jennifer

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-7 & SC-8
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

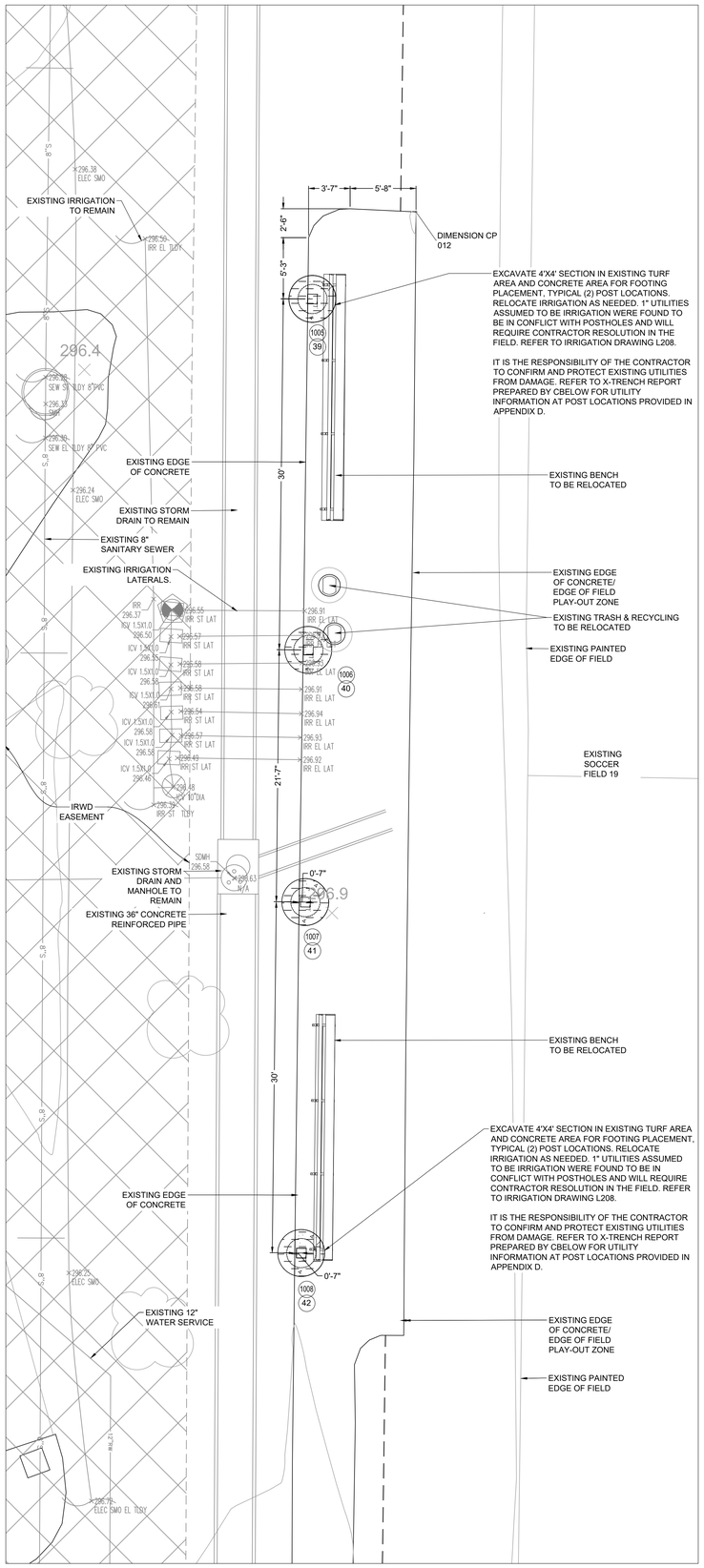
PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

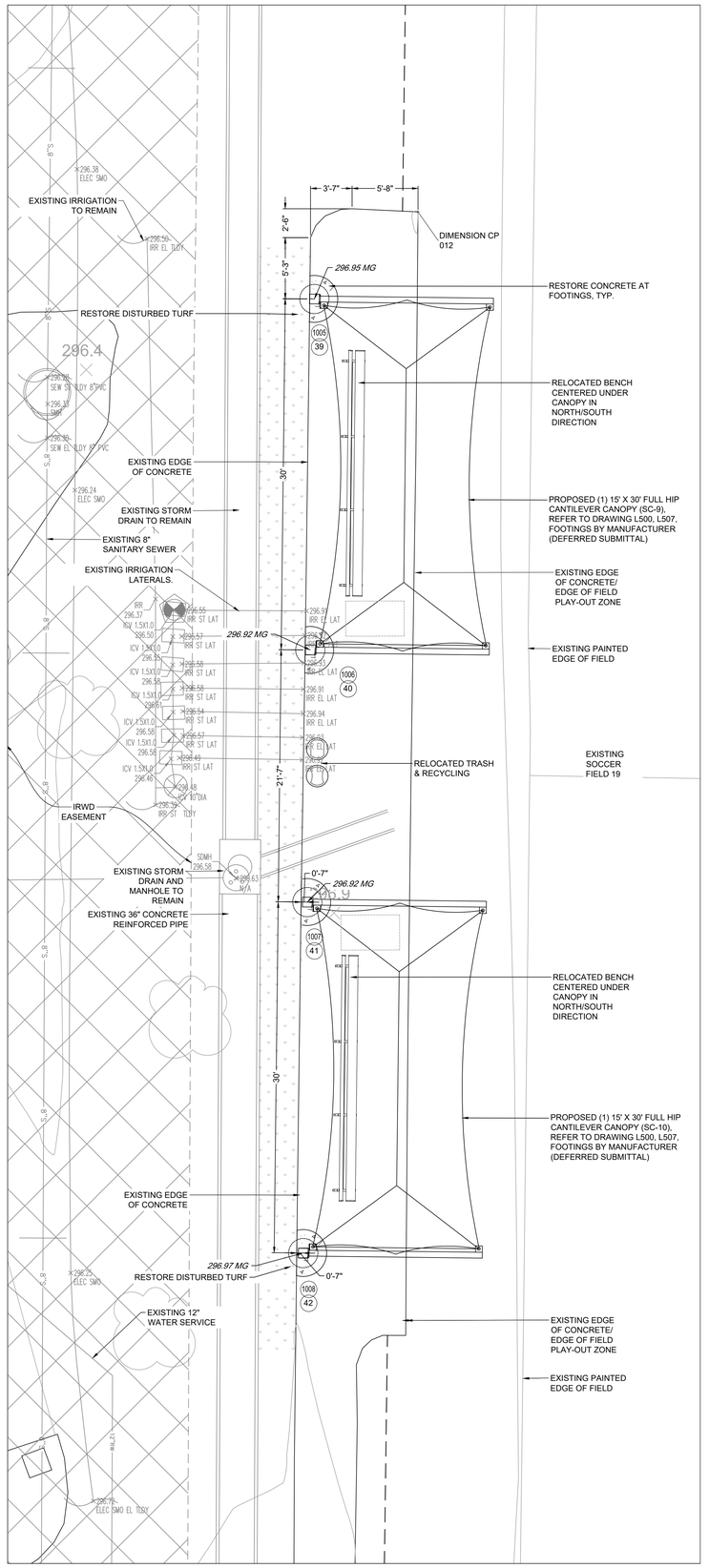
L107

File Location: I:\16\5\31_Irvine_Great\P_Production\P_01_Design\05_Landscape\Sheets\Sheet Set\16531_1_Layout_Grading.dwg Last Saved: June 26, 2025, by moorej7110

BAR CHECK
1" Space
1"



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

POST COORDINATES

SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L108	SC-9	39	1005	6108828, 2192520	Cleared to 12'. 3/4" Irrigation at 0.88'.
		40	1006	6108828, 2192490	Cleared to 12'. (2) parallel 3/4" irrigation found at 1.96'.
L-108	SC-10	41	1007	6108827, 2192469	Cleared to 12'. (3) Irrigation lines parallel, (1) 3/4 inch, (1) 1 inch, (1) 1 inch 1/2 at 0.94 ft.
		42	1008	6108827, 2192439	Cleared to 12' depth. Small irrigation line found. Depth and size not recorded.

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
012	6108837, 2192528	297.01

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
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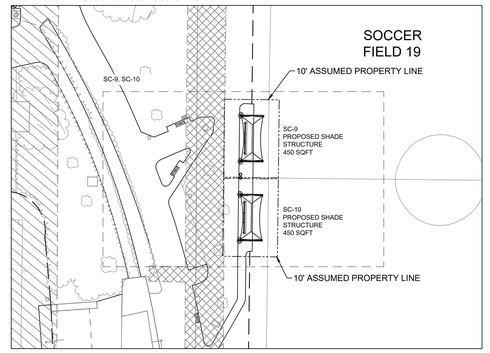


3 CONTEXT PLAN

0 40 80 120 feet
SCALE: 1" = 40'

0 5 10 20 feet
SCALE: 1" = 5'

True North Project North

CITY OF IRVINE

NO.	DATE	REVISIONS
8		
7		
6		
5		
4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
Tel: 949.553.0666
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT:
LICENSE NO. EXP. DATE
06/30/2026

LICENSED LANDSCAPE ARCHITECT JENNIFER MOORE No. 6064 EXP. 06/30/2026 STATE OF CALIFORNIA

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-9 & SC-10
DEMO, LAYOUT & MATERIALS PLAN

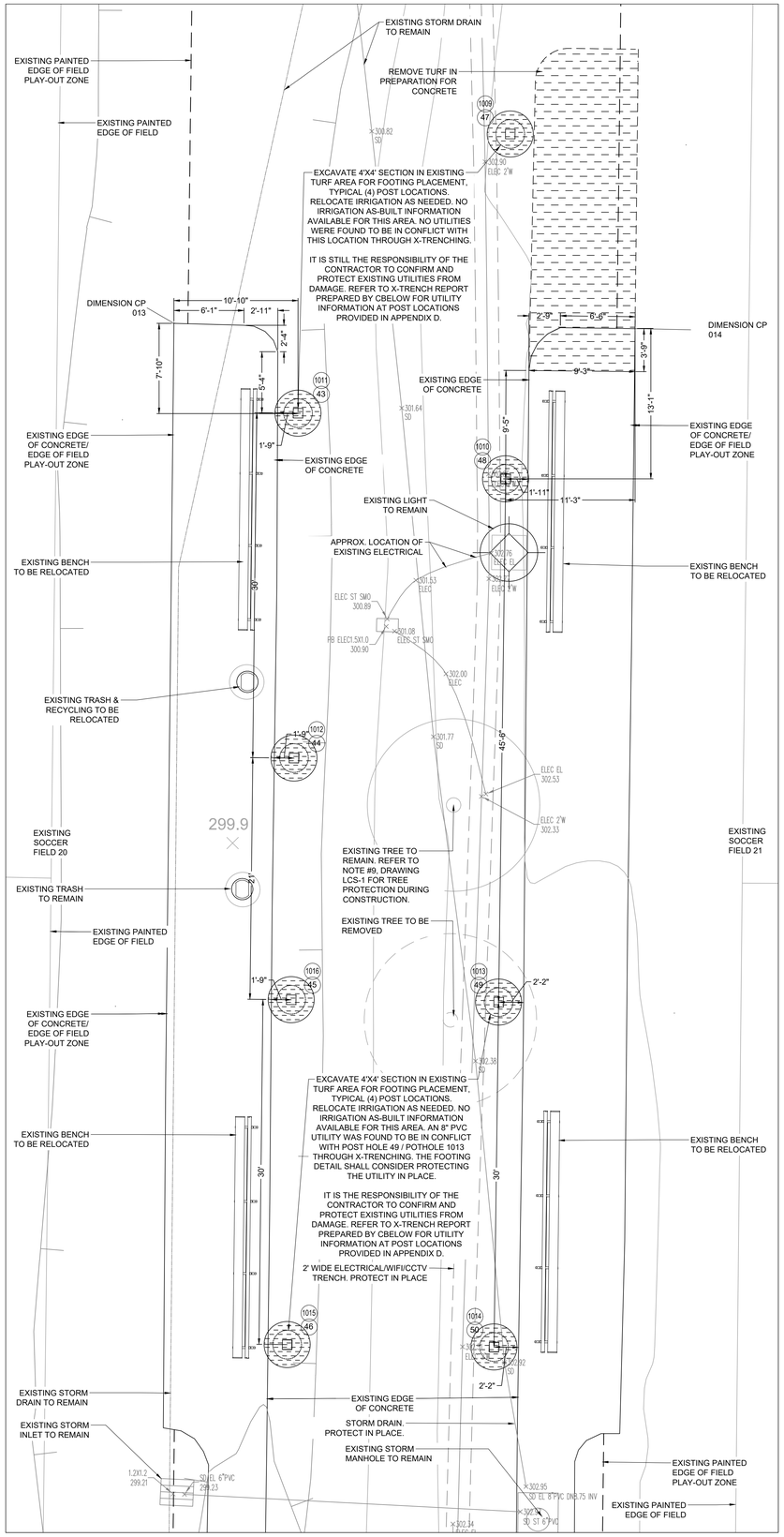
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

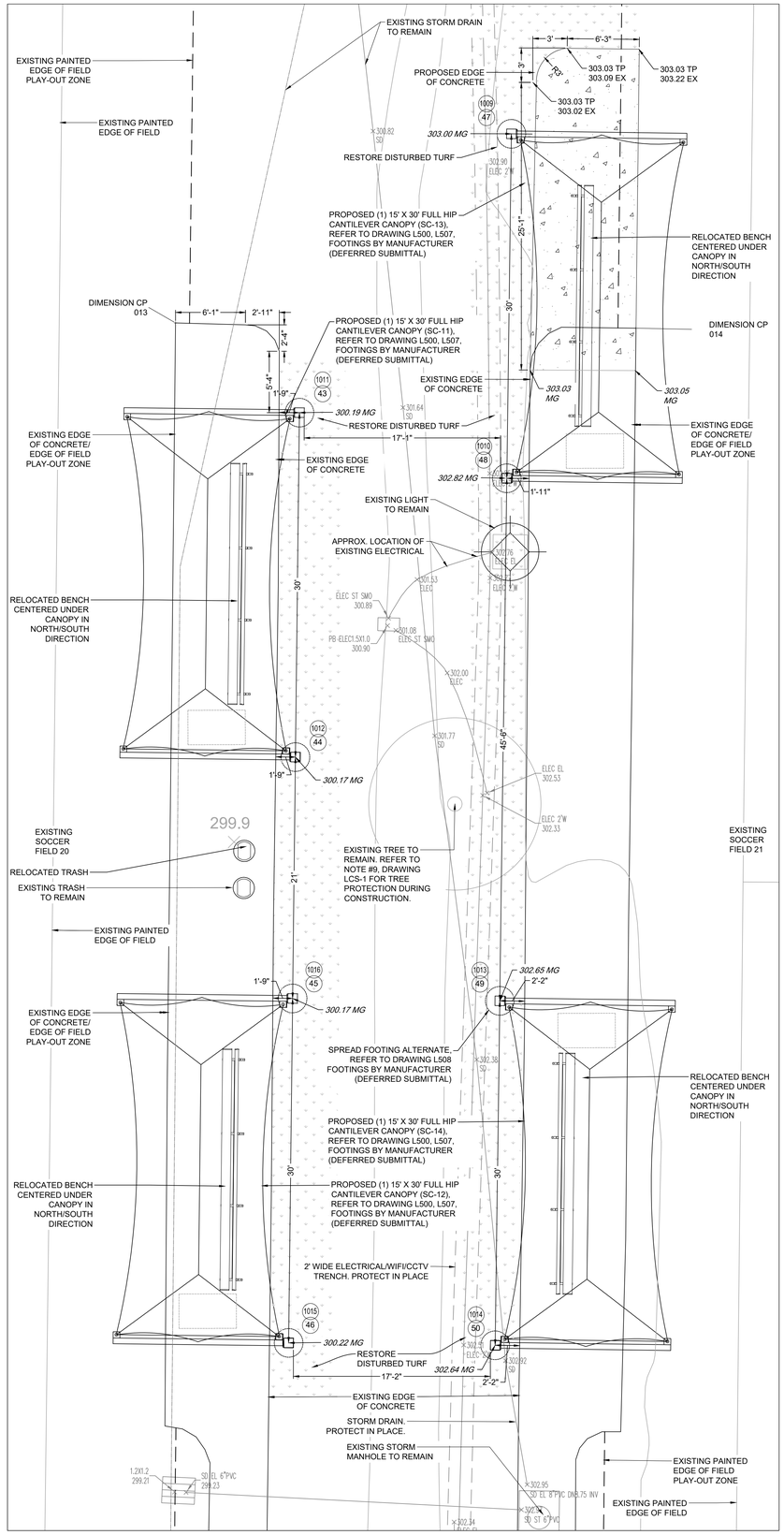
L108

QA/QC CHECK

File Location: J:\145533_Irvine_Great\7.0_Production\7.03_Design\02_Landscape\Sheets\Sheet Set\145533_1_Layout_Grading.dwg Last Saved: June 26, 2026, by mwong1119 Plotted: Thursday, July 9, 2026 8:55:09 PM by Moore, Jennifer



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.
12. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS INCLUSIVE OF ALL PROPOSED JOINT TYPES PER CITY STANDARDS, ALONG WITH PROPOSED POUR SEQUENCES, DURATIONS, DOWEL TYPE/SPACING, AND RECOMMENDED CHANGES TO JOINT LOCATIONS IN ORDER TO FURTHER REDUCE THE POTENTIAL OF CONCRETE CRACKS OCCURRING. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS/INFORMATION.

POST COORDINATES

SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L109	SC-11	43	1011	6109377, 2192514	Cleared to 11'.
		44	1012	6109377, 2192484	Cleared to 11'.
L-109	SC-12	45	1016	6109377, 2192463	Cleared to 11'.
		46	1015	6109377, 2192433	Cleared to 11'.
L109	SC-13	47	1009	6109396, 2192538	Cleared to 11'.
		48	1010	6109396, 2192508	Cleared to 11'.
L-109	SC-14	49	1013	6109395, 2192463	Cleared to 11'. Exposed possible SD at 7.2'. Consider spread footing at this location.
		50	1014	6109395, 2192433	Cleared to 11'.

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
013	6109367, 2192522	299.98
014	6109407, 2192521	303.05

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
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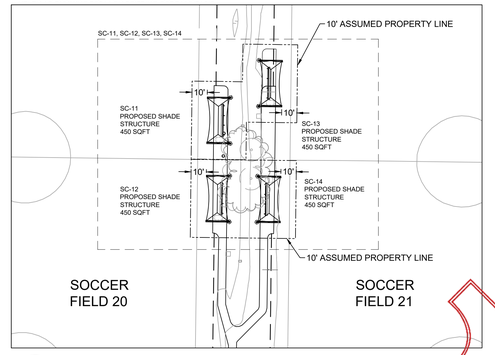


3 CONTEXT PLAN

0 40 80 120 feet
SCALE: 1" = 40'

0 5 10 20 feet
SCALE: 1" = 5'

True North | Project North

NO.	DATE	REVISIONS
8		
7		
6		
5		
4		
3		
2	08.21.2024	
1		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
949 863 5800
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026

Plotted: Monday, July 13, 2026 7:58:46 PM by Moore, Jennifer

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-11, SC-12, SC-13 & SC-14
DEMO, LAYOUT & MATERIALS PLAN

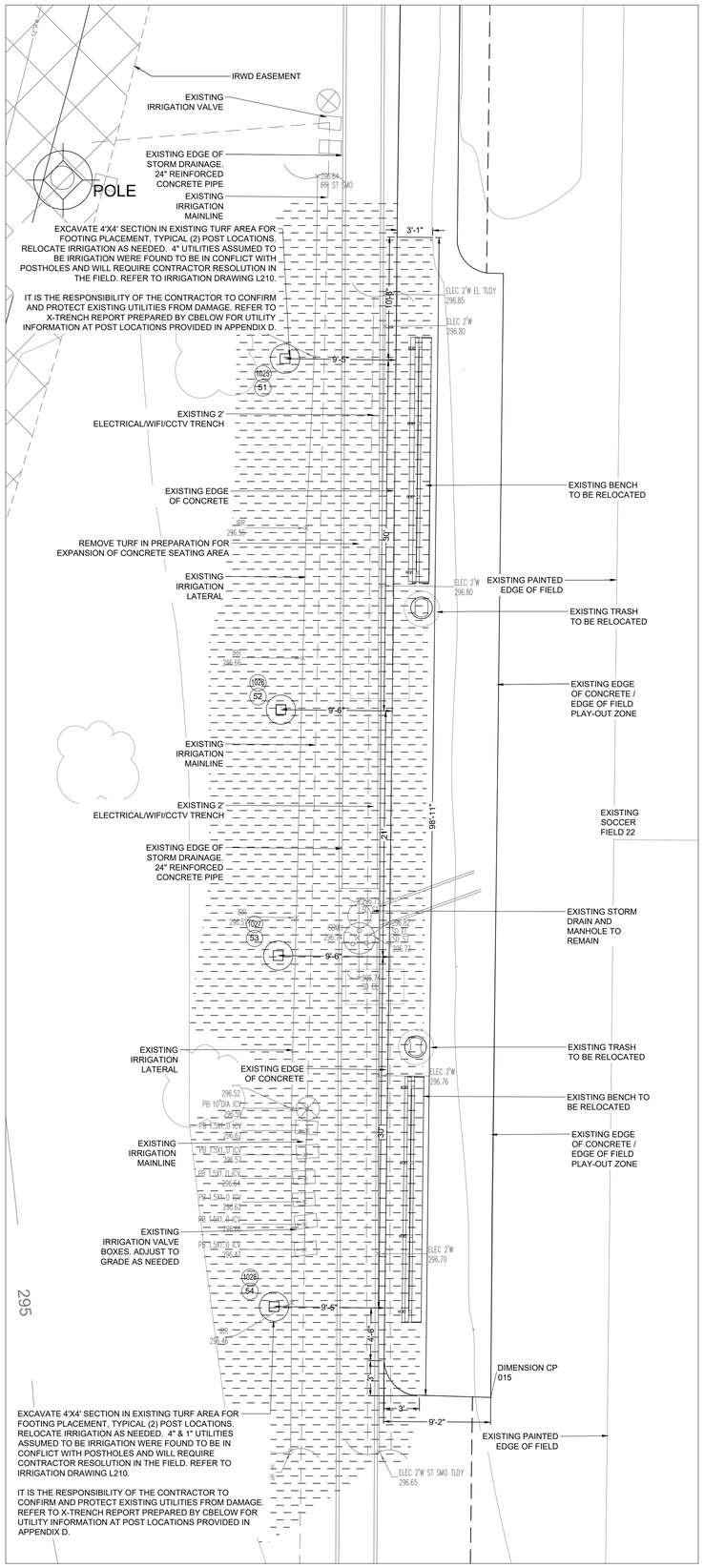
CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

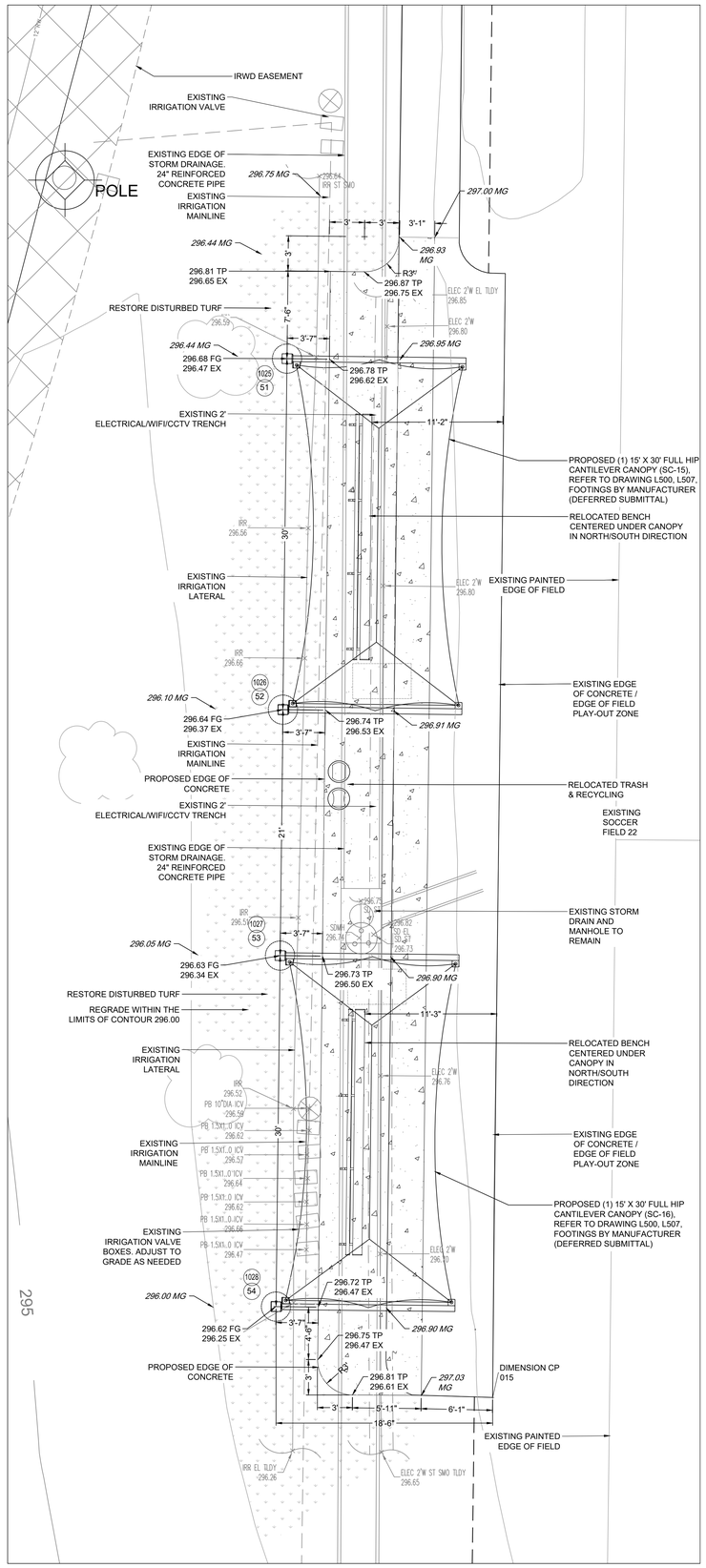
L109

File Location: 31145531_Irvine_Great(7)_Production\ 03_Design\5_Landscape\Sheets\Sheet Set\4503 L 1_Layout_Grading.dwg Last Saved: July 7, 2026, by mhoney1119

SOLE CHECK
1 in.
50mm



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.

Arcadis, a California Partnership
formerly IBI Group, a California Partnership

SOCCER GENERAL AND CANTILEVER SHADE STRUCTURE NOTES:

1. FABRIC COLOR: GREEN. CONTRACTOR TO PROVIDE FABRIC SAMPLE FOR OWNER APPROVAL.
2. POLE COLOR: WHITE TO MATCH EXISTING. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY.
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. SHADE FABRIC TO BE NON-COMBUSTIBLE PER OCFA OR OFFSET 5' FROM BUILDING EDGE
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW FABRIC SHADE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
9. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
10. CONTRACTOR SHALL PROVIDE A 10 YEAR MINIMUM WARRANTY ON ALL FABRIC SHADE STRUCTURES. IF HOWEVER, THE MANUFACTURER'S WARRANTY IS LONGER THAN TEN YEAR THEN THAT LONGER WARRANTY SHALL BE PROVIDED TO THE OWNER AND INCLUDED WITHIN THE PROJECTS O&M MANUAL/WARRANTY PRIOR TO SUBSTANTIAL COMPLETION.
11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.
12. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS INCLUSIVE OF ALL PROPOSED JOINT TYPES PER CITY STANDARDS, ALONG WITH PROPOSED POUR SEQUENCES, DURATIONS, DOWEL TYPE/SPACING, AND RECOMMENDED CHANGES TO JOINT LOCATIONS IN ORDER TO FURTHER REDUCE THE POTENTIAL OF CONCRETE CRACKS OCCURRING. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS/INFORMATION.

POST COORDINATES

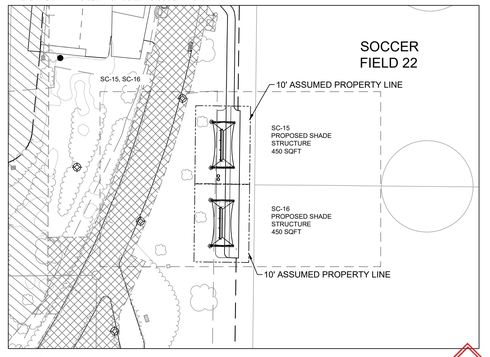
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L110	SC-15	51	1025	6108813, 2192101	Cleared to 12'.
		52	1026	6108813, 2192071	Cleared to 12'. Exposed 4" irrigation @ 2.56'.
L-110	SC-16	53	1027	6108813, 2192050	Cleared to 11'. Exposed 4" irrigation and 1" unknown together @ 2.72'.
		54	1028	6108813, 2192020	Cleared to 11'. Exposed 4" irrigation @2.54'

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
015	6108831, 2192012	297.03

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

0 40 80 120 feet
SCALE: 1"=40'

0 5 10 20 feet
SCALE: 1" = 5'

NO.	DATE	REVISIONS
8		
7		
6		
5		
4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA, 92612 USA
949.863.9500
www.arcadis.com

JENNIFER MCCORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026

LICENSED LANDSCAPE ARCHITECT JENNIFER MCCORE No. 6124 STATE OF CALIFORNIA

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

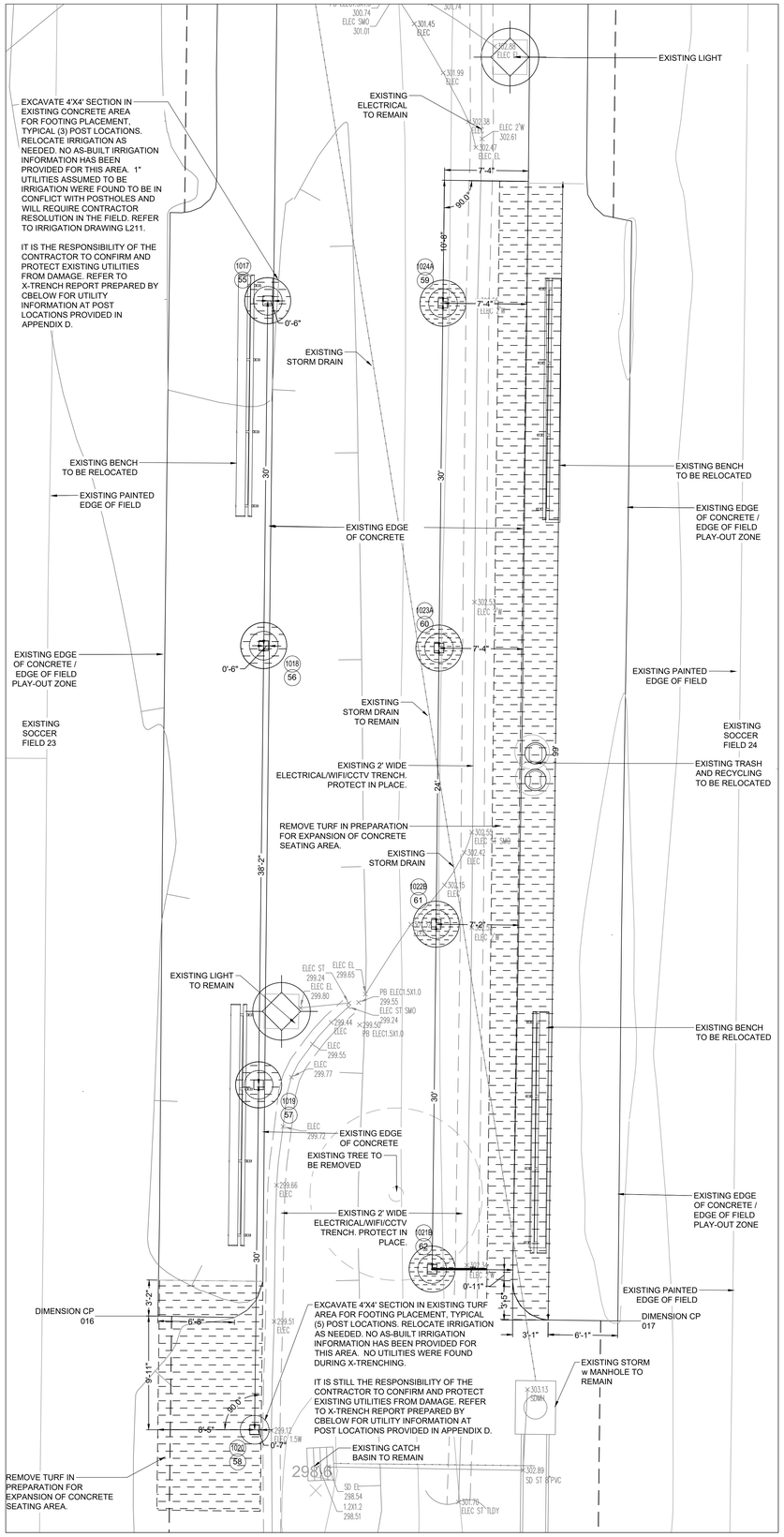
SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER SC-15 & SC-16
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

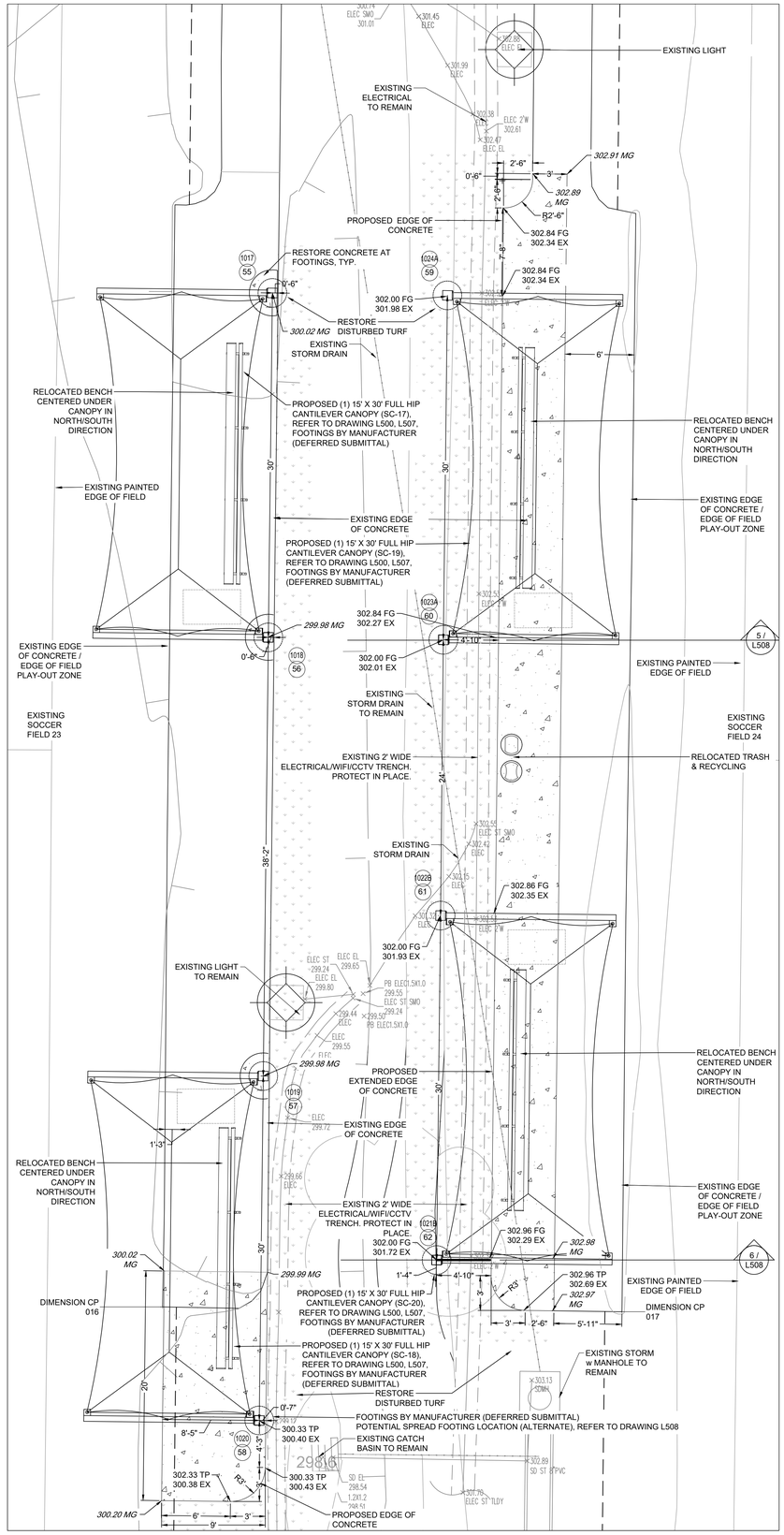
L110

File Location: 31145531_Irvine_Great P_k_Productions\03 Design\03_Landscape\Sheets\Sheet Set\145531_1 Layout_Grading.dwg Last Saved: June 26, 2026, by mcoon(7119 - Portal) Thursday, July 9, 2026 8:16:19 PM by Moore, Jennifer

SCALE CHECK: 1 in | 1pm



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(100)	POTHOLE/X-TRENCH NUMBER
	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

SOCCER GENERAL AND CANTILEVER SHADE STRUCTURE NOTES:

1. FABRIC COLOR: GREEN. CONTRACTOR TO PROVIDE FABRIC SAMPLE FOR OWNER APPROVAL.
2. POLE COLOR: WHITE TO MATCH EXISTING. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
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4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. SHADE FABRIC TO BE NON-COMBUSTIBLE PER OCFA OR OFFSET 5' FROM BUILDING EDGE
8. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW FABRIC SHADE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
9. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
10. CONTRACTOR SHALL PROVIDE A 10 YEAR MINIMUM WARRANTY ON ALL FABRIC SHADE STRUCTURES. IF HOWEVER, THE MANUFACTURER'S WARRANTY IS LONGER THAN TEN YEAR THEN THAT LONGER WARRANTY SHALL BE PROVIDED TO THE OWNER AND INCLUDED WITHIN THE PROJECTS O&M MANUAL/WARRANTY PRIOR TO SUBSTANTIAL COMPLETION.
11. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.
12. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS INCLUSIVE OF ALL PROPOSED JOINT TYPES PER CITY STANDARDS, ALONG WITH PROPOSED POUR SEQUENCES, DURATIONS, DOWEL TYPE/SPACING, AND RECOMMENDED CHANGES TO JOINT LOCATIONS IN ORDER TO FURTHER REDUCE THE POTENTIAL OF CONCRETE CRACKS OCCURRING. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS/INFORMATION.

POST COORDINATES

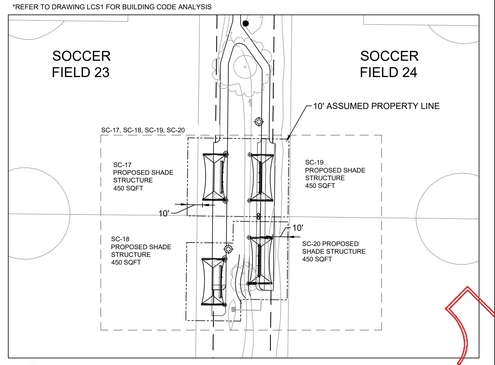
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L111	SC-17	55	1017	6109370, 2192094	Cleared to 11'. Small irrigation line found, depth unnoted.
		56	1018	6109370, 2192064	Cleared to 11'. Small irrigation line found, depth unnoted.
L-111	SC-18	57	1019	6109370, 2192026	Cleared to 11'. Small irrigation line found, depth unnoted.
		58	1020	6109370, 2191996	Cleared to 10'. Large rocks/bouldes at 10'.
L111	SC-19	59	1024A	6109385, 2192094	Cleared to 11'. Caution: nearby electrical.
		60	1023A	6109385, 2192064	Cleared to 11'.
L-111	SC-20	61	1022B	6109385, 2192040	Cleared to 11'
		62	1021B	6109385, 2192010	Cleared to 10.5'. Large rocks/boulders at 10.5'

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
016	6109361, 2192006	300.02
017	6109401, 2192005	303.01

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'

SCALE: 1" = 5'

True North | Project North

NO.	DATE	REVISIONS
8		
7		
6		
5		
4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT #

PLANS PREPARED BY:
ARCADIS
19401 Von Karman Avenue • Suite 300
Irvine CA 92612 USA
Tel: 949.851.7568
www.arcadis.com

LANDSCAPE ARCHITECT: JENNIFER MOORE
LICENSE NO. 6030 EXP. DATE 06/30/2026

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
SOCCER AREA CANTILEVER, SC-17, SC-18, SC-19 & SC-20
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

L111

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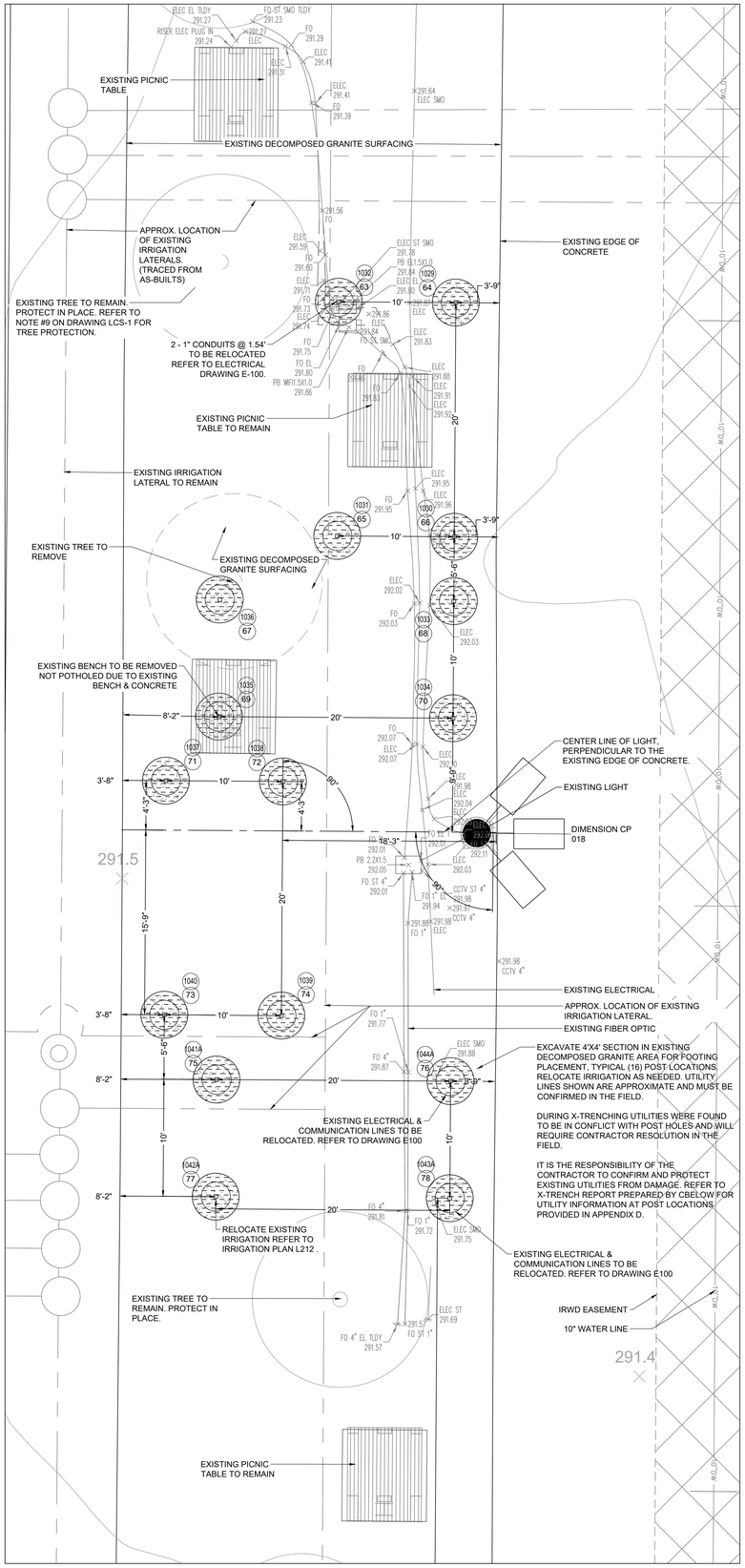
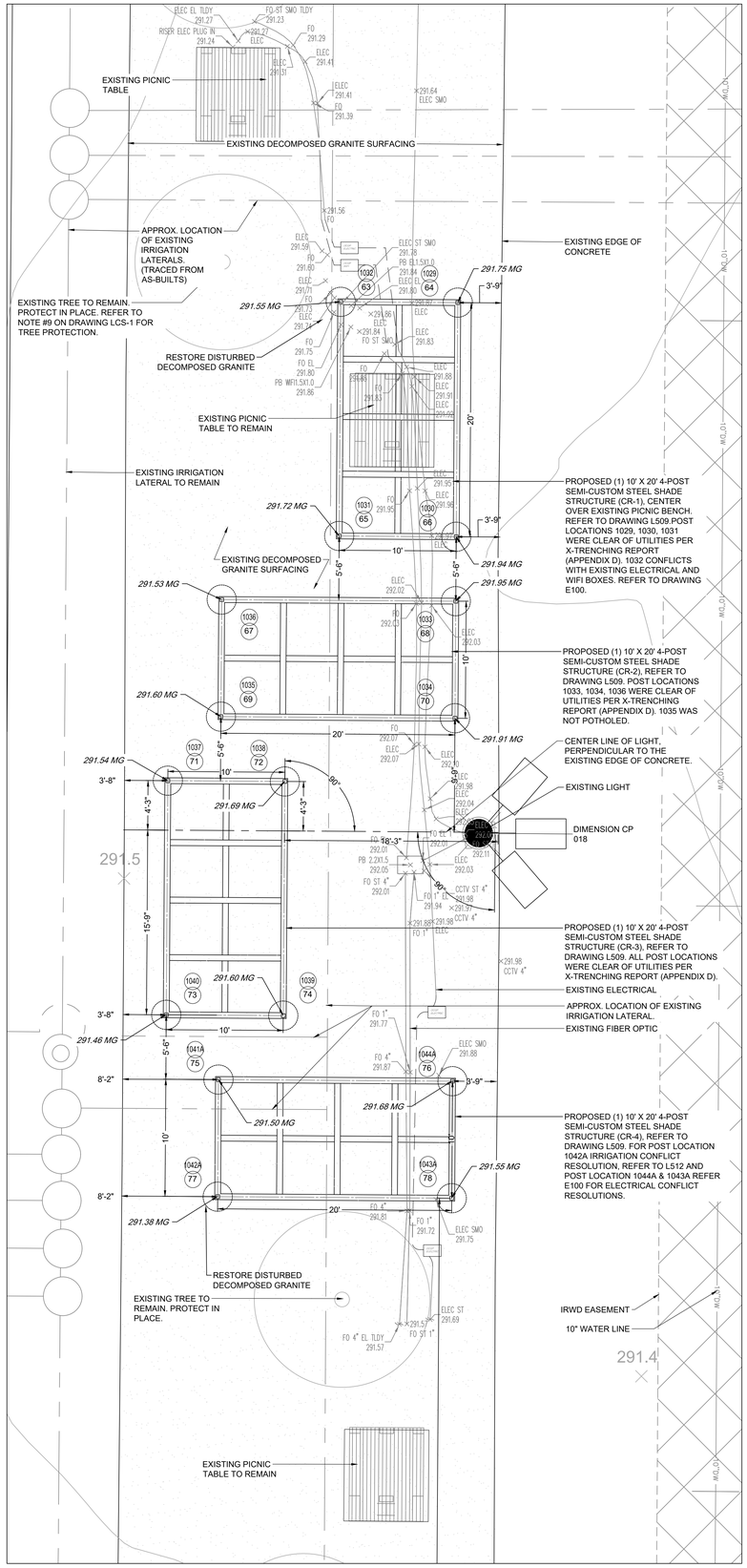
BOUNDARY CHECK
1 Sheet
1 in



1 DEMOLITION PLAN



2 LAYOUT PLAN

MATERIALS LEGEND:

- DEMO EXISTING MATERIAL
- PROPOSED CONCRETE
- PROPOSED COLOR CONCRETE
- PROPOSED DECOMPOSED GRANITE (DG)
- PLANTING AREA
- TURF AREA

LEGEND:

FG	FINISH GRADE
MG	MATCH GRADE
TP	TOP OF PAVEMENT
CP	CONTROL POINT
(1)	POST HOLE NUMBER
(1100)	POTHOLE/X-TRENCH NUMBER
- - - -	APPROX. LOCATION OF EXISTING IRRIGATION (SCHEMATIC - TRACED FROM AS-BUILTS)

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Arcadis, a California Partnership
formerly IBI Group, a California Partnership

CHAMPIONSHIP ROW GENERAL AND SEMI-CUSTOM SHADE STRUCTURE NOTES:

1. COLOR: TO MATCH EXISTING CHAMPIONSHIP ROW SEMI-CUSTOM SHELTERS. FINISH ON EXISTING STRUCTURES CONSISTS OF 1 COAT ZINC RICH METAL PRIMER AND 2 COATS RAL9003 - SEMI-GLOSS FINISH. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR OWNER APPROVAL.
2. CANOPY DESIGN - REFERENCE SHEET L509 THIS SET ILLUSTRATING THE CITY OF IRVINE STANDARD PLAN FOR THE SEMI-CUSTOM SHADE STRUCTURE. (MATCH EXISTING) DESIGNED BY OTHERS AND PROVIDED FOR REFERENCE ONLY.
3. BACKGROUND INFORMATION IS FROM AS-BUILT DRAWINGS PROVIDED BY THE CITY OF IRVINE. ARCADIS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CITY..
4. CONTRACTOR RESPONSIBLE TO VERIFY ALL UTILITY LOCATIONS AND PROTECT EXISTING UTILITIES FROM DAMAGE.
5. CONTRACTOR RESPONSIBLE TO PROTECT ALL EXISTING INFRASTRUCTURE FROM DAMAGE. INCLUDING BUT NOT LIMITED TO GRATES, LIGHTS, POLES, SITE FURNISHINGS.
6. GEOTECHNICAL: ASSUME MINIMUM VALUES OF SOILS PER CBC 1806.1.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS THAT INCLUDE BUT ARE NOT LIMITED TO VERIFICATION THAT ALL NEW SHADE STRUCTURE MATERIALS MEETS AND/OR EXCEEDS ALL APPLICABLE CODES AND ASTM STANDARD TESTING REQUIRMENTS I.E. WIND LOADING, TENSILE STRENGTH, NON-COMBUSTABILITY, ETC.
8. PRE-INSTALLATION CONFERENCE SHALL OCCUR APPROXIMATELY TWO WEEKS PRIOR TO SCHEDULED COMMENCEMENT OF THE WORK. INCLUDE SCHEDULE, CRITICAL PATH ITEMS, RESPONSIBILITIES AND APPROVALS.
9. CONTRACTOR SHALL PROVIDE A 10 YEAR MINIMUM WARRANTY ON ALL SHADE STRUCTURES. IF HOWEVER, THE MANUFACTURER'S WARRANTY IS LONGER THAN TEN YEAR THEN THAT LONGER WARRANTY SHALL BE PROVIDED TO THE OWNER AND INCLUDED WITHIN THE PROJECTS O&M MANUAL/WARRANTY PRIOR TO SUBSTANTIAL COMPLETION.
10. SEE COVER SHEET FOR LIST OF ABBREVIATIONS.

POST COORDINATES

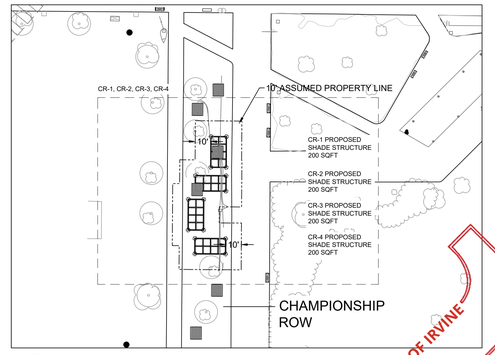
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L112	CR-1	63	1032	6108649, 2191709	Cleared to 6'. (2) 1" conduits exposed at 1.54'
		64	1029	6108659, 2191709	Cleared to 6'.
		65	1031	6108649, 2191689	Cleared to 6'
		66	1030	6108659, 2191689	Cleared to 6'
L-112	CR-2	67	1036	6108639, 2191683	Cleared to 6'
		68	1033	6108659, 2191683	Cleared to 6'
		69	1035	6108639, 2191673	Not potholed due to bench.
		70	1034	6108659, 2191673	Cleared to 6'
L112	CR-3	71	1037	6108635, 2191668	Cleared to 6'
		72	1038	6108645, 2191668	Cleared to 6'
		73	1040	6108634, 2191648	Cleared to 6'
		74	1039	6108644, 2191648	Cleared to 6'
L-112	CR-4	75	1041A	6108639, 2191642	Cleared to 7'
		76	1044A	6108659, 2191642	Exposed (3) visible lines. (2) 1", (1) 2".
		77	1042A	6108639, 2191632	Cleared to 6'. Exposed 1" irrigation. Depth not reported.
		78	1043A	6108659, 2191632	Exposed (3) visible lines. (2) 1", (1) 2".

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
018	6108661, 2191663	291.9

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



3 CONTEXT PLAN

SCALE: 1" = 40'

SCALE: 1" = 5'

NO.	DATE	REVISIONS
1		
2		
3		
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6		
7		
8		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA 92612 USA
Phone: 949.863.9500
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026

SHADE IMPROVEMENTS - PHASES 2 & 3
GREAT PARK (GP)
CHAMPIONSHIP ROW SEMI-CUSTOM CR-1, CR-2, CR-3 & CR-4
DEMO, LAYOUT & MATERIALS PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK - 00956907 - CTIS
PERMIT : CIP # 372602

L112

File Location: x:\145531_Irvine_Citiwide\7.0_Production\7.03_Design\05_Landscape\Sheets\SS\145531_L_Layout_Grading.dwg - Last Saved: June 20, 2025, by mbowley (1:1) - Plotted: Thursday, July 3, 2025 9:30:49 PM by Moore, Jennifer

PLOT CHECK
1 in
Open

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formerly IBI Group, a California Partnership

GENERAL EXISTING IRRIGATION NOTES:

1. FIELD LOCATE ALL EXISTING IRRIGATION EQUIPMENT. PROTECT EXISTING IRRIGATION EQUIPMENT DEEMED FOR REUSE PRIOR TO ANY WORK. REUSE OF ANY EQUIPMENT SHALL BE APPROVED BY OWNER'S REPRESENTATIVE. HEADS, VALVES, CONTROLLERS, OR OTHER EQUIPMENT THAT WILL NOT BE REUSED SHALL BE RETURNED TO OWNER. CONTRACTOR SHALL CONTACT PARK MAINTENANCE TO PROPERLY COORDINATE PRIOR TO ANY CUTTING AND CAP OF EXISTING IRRIGATION LINES TO ENSURE THAT THE IRRIGATION SYSTEM IS ABLE TO PROPERLY FUNCTION DURING CONSTRUCTION.
2. CONTRACTOR SHALL FIELD VERIFY EXISTING IRRIGATION SYSTEM IS IN GOOD WORKING ORDER AND SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL ADDITIONAL SLEEVING, PIPING, WIRING, CONNECTIONS, ETC. TO AND FROM THE EXISTING CONTROLLER(S) TO NEW AND EXISTING IRRIGATION EQUIPMENT.
3. CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS REQUIRED TO THE EXISTING IRRIGATION SYSTEM AS TO MAINTAIN A FULLY FUNCTIONAL SYSTEM THAT PROVIDES FULL HEAD-TO-HEAD COVERAGE IN ALL TURF AREAS.
4. CONTRACTOR SHALL REMOVE AND ADJUST EXISTING IRRIGATION AS NEEDED TO PLACE IMPROVEMENTS. ISSUES AND CONCERNS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IMMEDIATELY.
5. TO AVOID INTERFERING WITH PLACEMENT AND INSTALLATION OF NEW SHADE STRUCTURE CONTRACTOR SHALL, COORDINATE REROUTING OR RELOCATING OF ANY/ALL EXISTING IRRIGATION MAIN AND LATERAL LINES, IRRIGATION EQUIPMENT AND IRRIGATION HEADS THAT ARE IN DIRECT CONFLICT WITH SHADE STRUCTURE POSTS AND FOOTINGS TO PREVENT POTENTIAL DAMAGE TO EITHER AND TO ENSURE OPTIMAL IRRIGATION PERFORMANCE AFTER THE SHADE STRUCTURE IS IN PLACE.
6. CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION SOLUTIONS IF NEEDED, TO MAINTAIN HEALTHY PLANT MATERIAL DURING THE CONSTRUCTION AND INSTALLATION PROCESS.
7. CONTRACTOR SHALL IMPLEMENT A MAINTENANCE PLAN TO ADJUST IRRIGATION AS NEEDED POST CONSTRUCTION TO MAINTAIN REQUIRED COVERAGE AND AVOID OVER SPRAY ON ALL HARDSCAPES, PLAY SURFACES, STRUCTURES, POSTS, SIGNS, WALLS, AND ALL OTHER NON-PLANTED AREAS/OBJECTS.

GENERAL IRRIGATION NOTES:

1. BACKGROUND AS-BUILT DRAWING INFORMATION WAS PROVIDED BY THE CITY OF IRVINE. THE DESIGN CONSULTANT ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.
2. DUE TO THE LIMITED INFORMATION OBTAINED ON THE IRRIGATION AS-BUILT DRAWINGS THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING IRRIGATION AND MAKE MODIFICATIONS AS REQUIRED TO MAINTAIN A FULLY FUNCTIONING IRRIGATION SYSTEM.
3. CONTRACTOR SHALL COORDINATE WITH OWNERS REPRESENTATIVE AND LANDSCAPE ARCHITECT AND PROVIDE PROPOSED METHOD TO FIELD ADJUST EXISTING IRRIGATION SYSTEMS IN WRITING PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL COORDINATE IRRIGATION, PLANTING AND ALL OTHER SITE OPERATIONS AND SHALL FAMILIARIZE THEMSELVES WITH ALL GRADE DIFFERENCES, LOCATION OF ALL CONSTRUCTED ITEMS, BUILDINGS, DIFFERENCES IN ACTUAL AND DRAWN DIMENSIONS, UNDERGROUND SERVICES, ETC. PRIOR TO BEGINNING CONSTRUCTION.
5. THE GENERAL CONTRACTOR AND IRRIGATION CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES AND SERVICES PRIOR TO CONSTRUCTION. CALL 811 BEFORE YOU DIG 1-800-642-2444 FOR LOCATION OF UNDERGROUND SERVICES.
6. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH BY-LAWS AND CODES HAVING JURISDICTION OVER THE SITE LOCATION.
7. CONTRACTOR SHALL VERIFY STATIC PRESSURE AND FLOW AT POINT OF CONNECTION AND OPERATING PRESSURE AT EACH HEAD. INSUFFICIENT PRESSURE CONCERNS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT IMMEDIATELY.
8. THE IRRIGATION PLAN IS SCHEMATIC/DIAGRAMMATIC. ALL PIPING, VALVES, HEADS, ETC. SHOWN OUTSIDE OF THE PLANTING AREA IS FOR CLARITY ONLY AND SHALL BE INSTALLED WITHIN PLANTING AREAS.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE PROPER SPACING AND COVERAGE. COORDINATE LOCATION OF HEADS, AND/OR BUBBLERS WITH TREE AND SHRUB PLANTINGS.
10. ALL OVERHEAD IRRIGATION HEADS SHALL BE LOCATED 12-INCHES FROM PAVING OR CURBS WHENEVER POSSIBLE. CONTRACTOR SHALL ADJUST ALL HEADS AS TO AVOID OVER SPRAY ONTO BUILDINGS, SIDEWALKS, AND OTHER PATHS OF TRAVEL AND/OR STRUCTURES.
11. ADJUST HEADS/NOZZLES AS NECESSARY TO ENSURE FULL AND COMPLETE SPRINKLER COVERAGE OF ALL PLANTED AREAS. FLUSH AND ADJUST HEADS TO ENSURE NO OVERTHROW ONTO PAVED SURFACES AND STRUCTURES.
12. ALL HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE.
13. INSTALL SLEEVES AND PIPING UNDER ALL FLATWORK, IN A PARALLEL OR PERPENDICULAR MANNER, FOLLOWING THE GENERAL LAYOUT OF THE PAVING DESIGN. PIPE SLEEVE LOCATIONS SHALL BE GROUPED IN ONE LOCATION WHERE PIPE GOES UNDER PAVEMENT WHERE POSSIBLE.
14. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES BY A LICENSED LANDSCAPE CONTRACTOR AND EXPERIENCED WORKERS, AND ALL PERMITS SHALL BE OBTAINED AND FEES PAID BY THE CONTRACTOR.
15. NO CHANGES IN MATERIALS FROM EXISTING SYSTEMS SHALL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE OWNER'S REPRESENTATIVE.
16. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS OF THE IRRIGATION SPRINKLER SYSTEM SHOWING EXACT MEASURED AND DIMENSIONED LOCATIONS OF ALL VALVES, WIRE SPLICES, AND DRAIN VALVES. TIE DIMENSIONS TO PERMANENT FEATURES SUCH AS STRUCTURES.
17. THE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM THROUGHOUT THE THE CONSTRUCTION PERIOD.
18. IRRIGATION SYSTEM SHALL BE GUARANTEED FOR 1 YEAR AGAINST ANY DEFECT OF MATERIAL OR WORKMANSHIP. CONTRACTOR SHALL REPAIR ANY WORK WITHIN 10 WORKING DAYS DURING THE GUARANTEE PERIOD AT NO COST TO THE OWNER.

POST COORDINATES

SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRENCHING
L100	SOC-1	1	N/A	6106163, 2191642	NOT POTHOLED
		2	N/A	6106174, 2191642	NOT POTHOLED
		3	N/A	6106173, 2191612	NOT POTHOLED
		4	N/A	6106163, 2191612	NOT POTHOLED

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
001	6106196, 2191626	250.41

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET

AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.

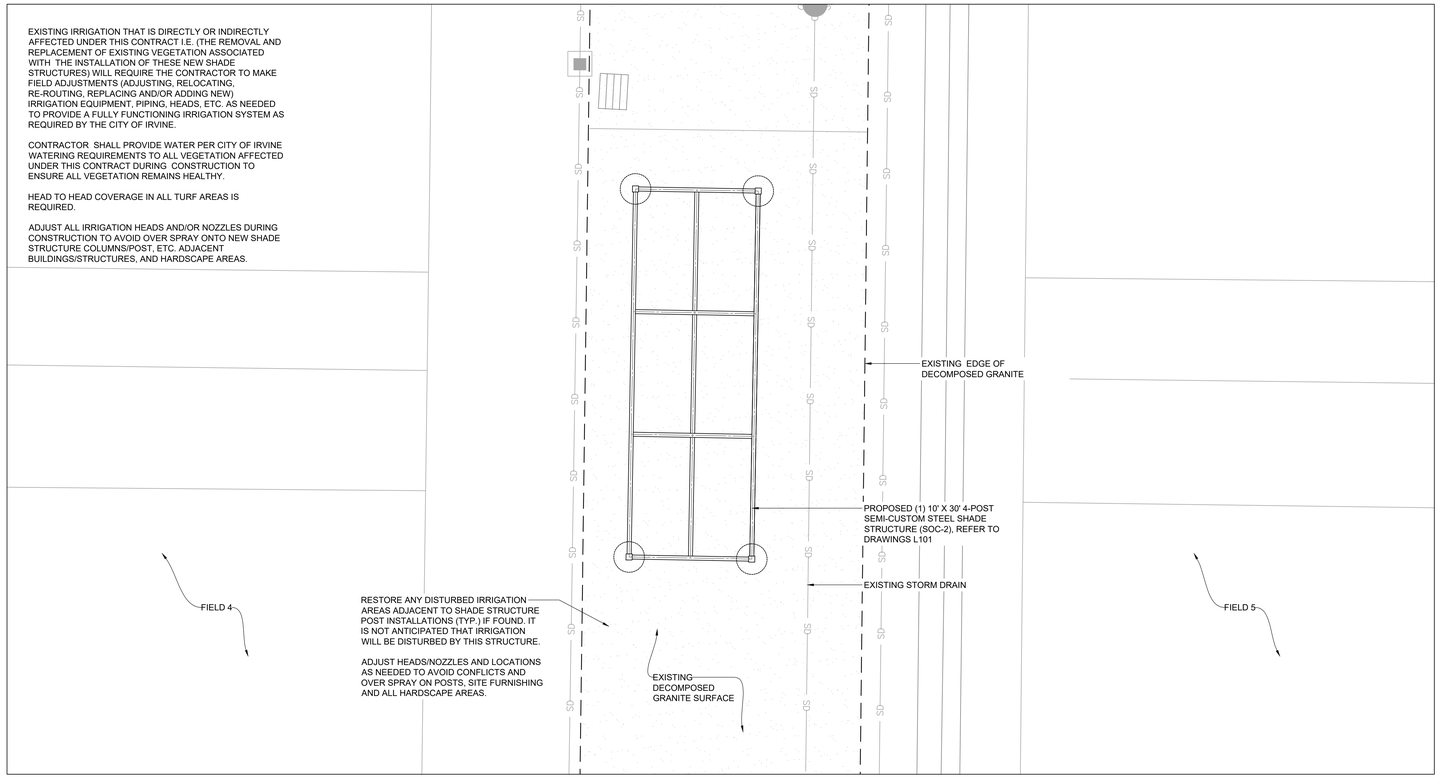
NO POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

EXISTING IRRIGATION THAT IS DIRECTLY OR INDIRECTLY AFFECTED UNDER THIS CONTRACT I.E. (THE REMOVAL AND REPLACEMENT OF EXISTING VEGETATION ASSOCIATED WITH THE INSTALLATION OF THESE NEW SHADE STRUCTURES) WILL REQUIRE THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS (ADJUSTING, RELOCATING, RE-ROUTING, REPLACING AND/OR ADDING NEW) IRRIGATION EQUIPMENT, PIPING, HEADS, ETC. AS NEEDED TO PROVIDE A FULLY FUNCTIONING IRRIGATION SYSTEM AS REQUIRED BY THE CITY OF IRVINE.

CONTRACTOR SHALL PROVIDE WATER PER CITY OF IRVINE WATERING REQUIREMENTS TO ALL VEGETATION AFFECTED UNDER THIS CONTRACT DURING CONSTRUCTION TO ENSURE ALL VEGETATION REMAINS HEALTHY.

HEAD TO HEAD COVERAGE IN ALL TURF AREAS IS REQUIRED.

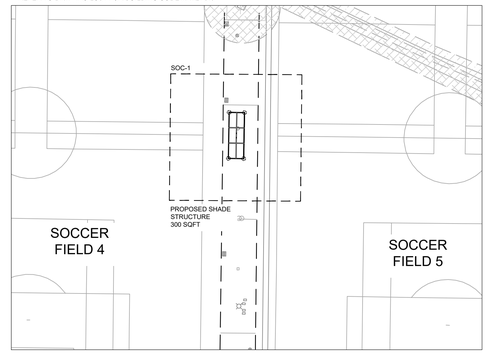
ADJUST ALL IRRIGATION HEADS AND/OR NOZZLES DURING CONSTRUCTION TO AVOID OVER SPRAY ONTO NEW SHADE STRUCTURE COLUMNS/POST, ETC. ADJACENT BUILDINGS/STRUCTURES, AND HARDSCAPE AREAS.



1 IRRIGATION PLAN

0 5 10 20 feet
SCALE: 1" = 5'

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



2 CONTEXT PLAN

0 40 80 120 feet
SCALE: 1" = 40'

SOC-1 - IRRIGATION NOTES:

1. BASED ON SURVEY INFORMATION PROVIDED BY THE CITY OF IRVINE, THERE ARE NO KNOWN EXPOSED IRRIGATION LINES IN DIRECT CONFLICT WITH ANY POST HOLES SHOWN ON THIS SHEET. HOWEVER IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS AS STATED ABOVE.
2. THIS LOCATION WAS NOT POTHOLED PRIOR TO CONSTRUCTION.

CITY OF IRVINE

True North Project North

REVISIONS

NO.	DATE
8	
7	
6	
5	
4	
3	
2	

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 08.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

LICENSED LANDSCAPE ARCHITECT JENNIFER MOORE No. 6421 Exp. 08/31/2025 STATE OF CALIFORNIA

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA 92612 USA
Phone: 949.863.1668
www.arcadis.com

06/30/2026
LICENSE NO. EXP. DATE
JENNIFER MOORE
LANDSCAPE ARCHITECT:

SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
SOCCER | BASKETBALL AREA HYPAR SAIL BKSC-1
IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS

PERMIT : CIP # 372602

L200

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SCALE CHECK: 1 in. | Open

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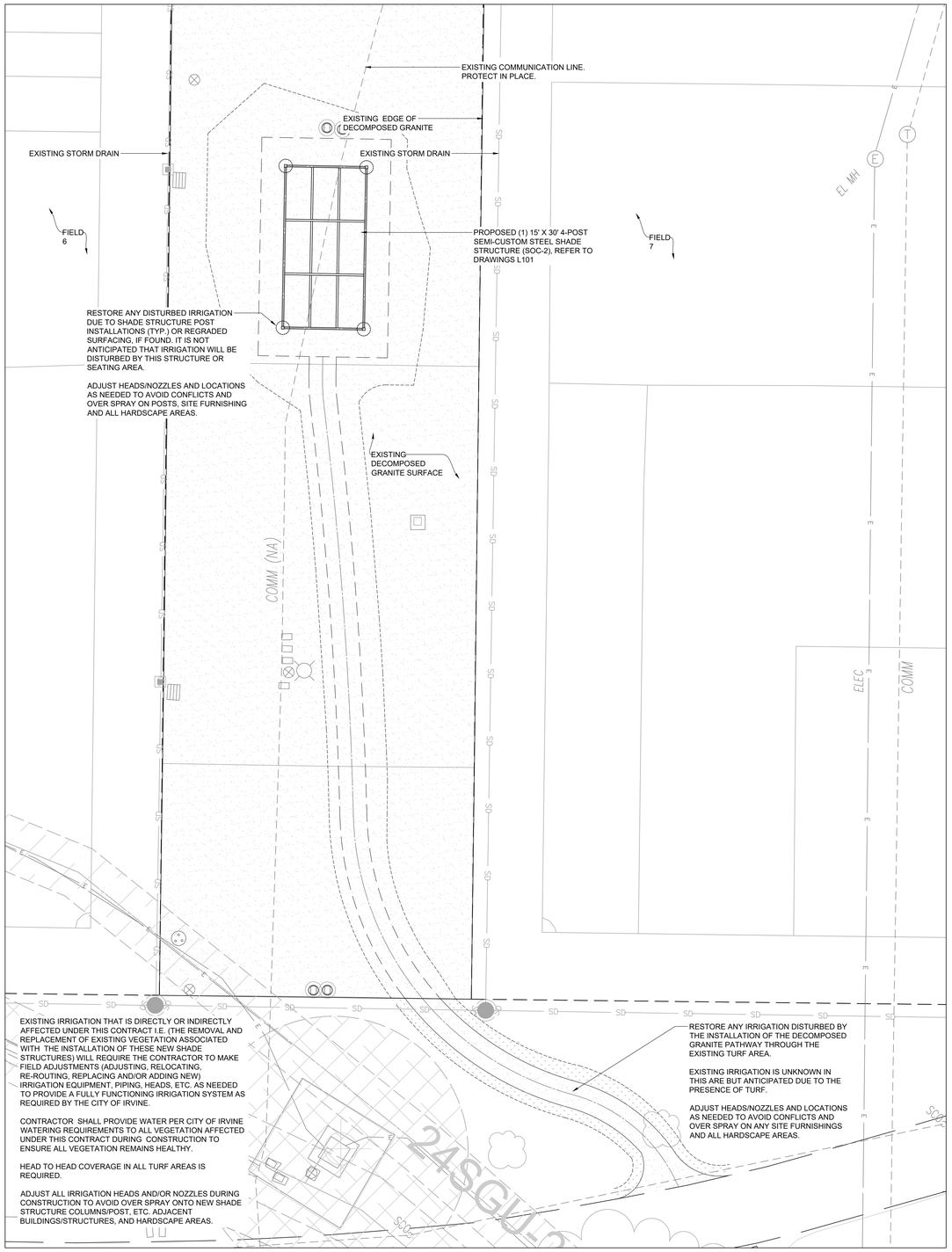


1 IRRIGATION PLAN

0 10 20 30 feet
SCALE: 1" = 10'

POST COORDINATES

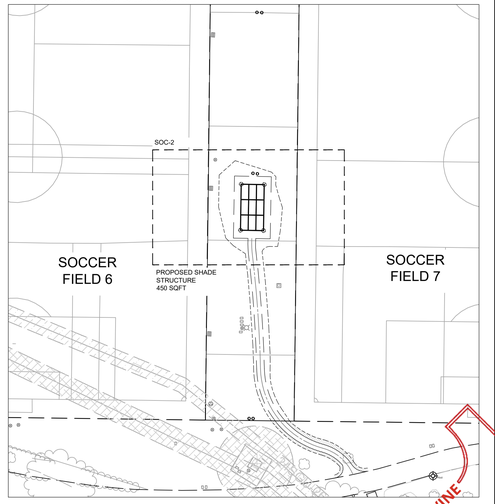
SHEET	STRUCTURE	POST HOLE	POTHOLE	COORDINATES (E,N)	POTHOLING/XTRECHING
L101	SOC-2	5	N/A	6106828, 2191602	NOT POTHOLED
		6	N/A	6106843, 2191602	NOT POTHOLED
		7	N/A	6106842, 2191572	NOT POTHOLED
		8	N/A	6106827, 2191572	NOT POTHOLED

DIMENSION CONTROL POINT COORDINATES

CONTROL POINT	COORDINATES (E,N)	ELEVATION
002	6106877, 2191618	260.98
003	6106911, 2191415	259.44

COORDINATE SYSTEM: NAD83 CALIFORNIA STATE PLANE, ZONE VI, US SURVEY FEET
AS-BUILT AND SURVEY INFORMATION PROVIDED BY CITY OF IRVINE. USE SURVEY CONTROL POINTS.
NO POTHOLING WAS COMPLETED IN THIS AREA. UTILITY INFORMATION PROVIDED IS APPROXIMATE. PROCEED WITH CAUTION.

*REFER TO DRAWING LCS1 FOR BUILDING CODE ANALYSIS



2 CONTEXT PLAN

0 40 80 120 feet
SCALE: 1" = 40'

REFER TO L200 FOR GENERAL EXISTING IRRIGATION NOTES AND GENERAL IRRIGATION NOTES.

SOC-2 IRRIGATION NOTES:

1. BASED ON SURVEY INFORMATION PROVIDED BY THE CITY OF IRVINE, THERE ARE NO KNOWN EXPOSED IRRIGATION LINES IN DIRECT CONFLICT WITH ANY POST HOLES SHOWN ON THIS SHEET. HOWEVER IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND MAKE ANY AND ALL ADJUSTMENTS TO THE EXISTING IRRIGATION SYSTEM AS NEEDED TO AVOID ALL DIRECT CONFLICTS AS STATED ABOVE.
2. THIS LOCATION WAS NOT POTHOLED PRIOR TO CONSTRUCTION.

True North Project North

NO.	DATE	REVISIONS
8		
7		
6		
5		
4		
3		
2		

DESIGNED: BT | JM
DRAWN: BT | JM
CHECKED: JM
DATE: 06.21.2024
SCALE: AS INDICATED

DEVELOPER:
SOILS ENGINEER:
REPORT # DATE

PLANS PREPARED BY:
ARCADIS
18401 Von Karman Avenue - Suite 300
Irvine CA 92612 USA
Phone 949.863.1668
www.arcadis.com

JENNIFER MOORE
LANDSCAPE ARCHITECT: LICENSE NO. EXP. DATE
06/30/2026

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SHADE IMPROVEMENTS - PHASE 2
GREAT PARK (GP)
SOCCER | BASKETBALL AREA HYPAR SAIL SOC-2
IRRIGATION PLAN

CITY OF IRVINE
COMMUNITY DEVELOPMENT DEPARTMENT

PLAN CHECK : 00956907 - CTIS
PERMIT : CIP # 372602

SOLE CHECK: Open
1 in.

L201