



SECTION G

CONTRACT PLANS

**CSA 70 D1 MacKay PARK
PICKLEBALL COURTS**

FOR

**COUNTY SERVICE AREA 70 D1 MacKay
LAKE ARROWHEAD, CALIFORNIA**



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

SPECIAL DISTRICTS CSA 70 D1 - MACKAY PARK

MACKAY PARK PICKLEBALL COURTS

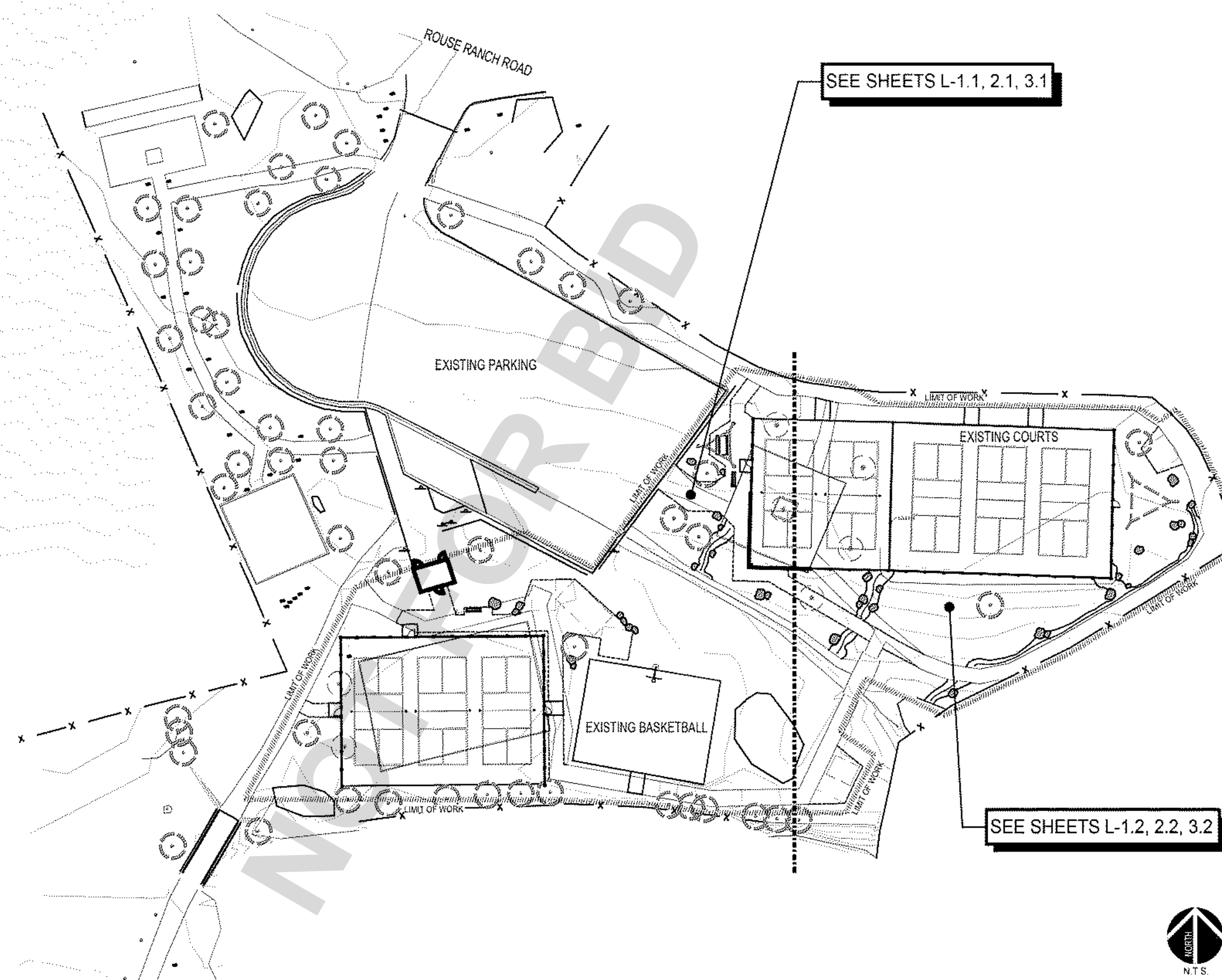
321 ROUSE RANCH ROAD, LAKE ARROWHEAD, CA 92392

APN 0330-011-46

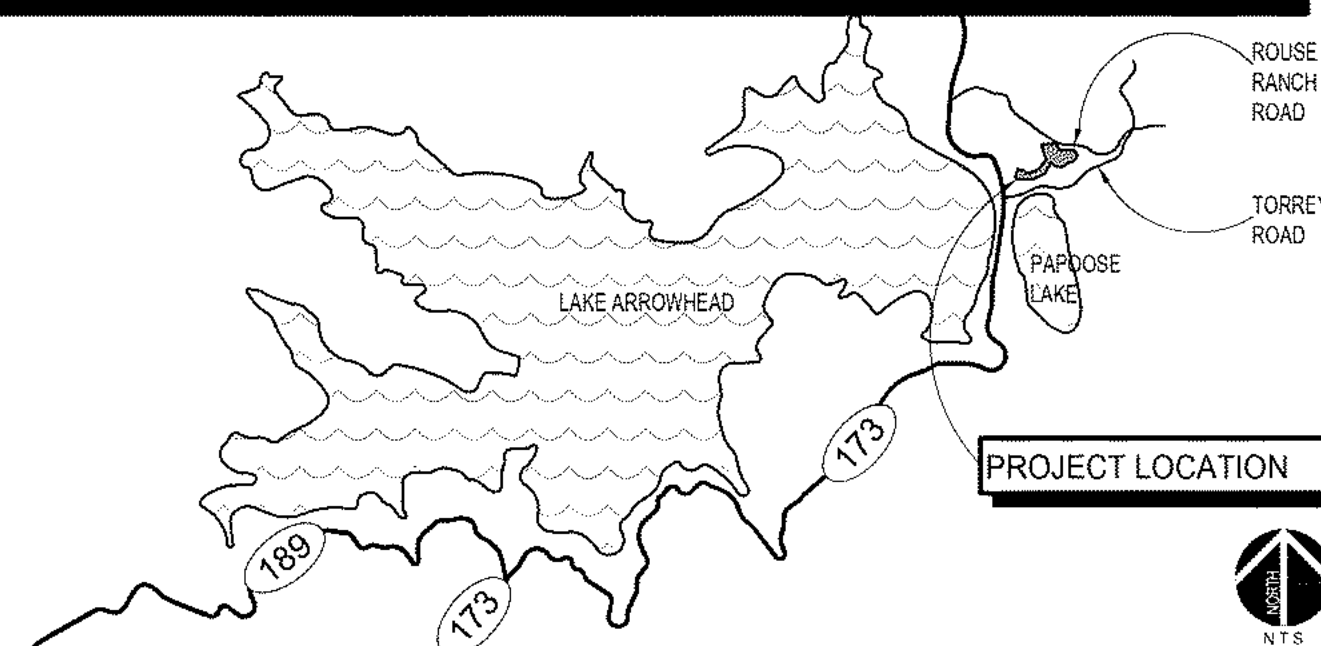
GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND TO THE LATEST EDITION OF THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A CURRENT AND APPROVED SET OF PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ARRANGEMENTS FOR CONSTRUCTION INSPECTION AT LEAST 48 HOURS PRIOR TO BEGINNING WORK.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE ITSELF WITH THE JOB SITE AND THE LOCATION OF ALL UNDERGROUND FACILITIES SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL DIG ALERT REQUESTS AND EXPLORATORY EFFORTS NECESSARY TO VERIFY ANY UNDERGROUND OBSTRUCTIONS. THE CONTRACTOR WILL BE UNILATERALLY RESPONSIBLE FOR ANY DAMAGE DONE TO EXISTING UTILITIES THAT ARE SHOWN OR NOT SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY STATE, COUNTY OR LOCAL PERMITS.
- CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT AND ENCROACHMENT PERMIT OR OTHER REQUIRED PERMITS FROM THE SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS TRANSPORTATION, PRIOR TO ANY WORK WITHIN THE COUNTY RIGHT OF WAY BY CALLING (909) 387-7910.
- THE CONTRACTOR SHALL NOTIFY ALL SERVING UTILITY COMPANIES 48 HOURS PRIOR WHEN WORK IS TO BE PERFORMED NEAR THEIR FACILITIES BY CALLING 811.
- CONTRACTOR SHALL ENSURE THAT EASEMENTS HAVE BEEN RECORDED PRIOR TO START OF WORK.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE UNDERSIGNED ENGINEER AND SAN BERNARDINO COUNTY SPECIAL DISTRICTS.
- THE CONTRACTOR AGREES THAT IT SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUALLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- ALL STATIONING IS BASED ON THE CENTER LINE OF THE STREET.
- ALL EXCAVATIONS SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY AND ROADS OPEN TO VEHICULAR TRAFFIC UNLESS OTHERWISE APPROVED BY SPECIAL DISTRICTS.
- ALL WORK SHALL BE CONSTRUCTED ACCORDING TO THE VERTICAL AND HORIZONTAL MEASUREMENTS OF THESE PLANS AND EXISTING DESIGN STANDARDS. ADEQUATE STAKES SHALL BE SET UNDER THE DIRECTION OF A LICENSED SURVEYOR/ENGINEER FOR THE CONSTRUCTOR. ALL CONSTRUCTION SURVEYING SHALL BE PERFORMED IN ACCORDANCE TO THE SURVEYING PROCEDURES OF THE SURVEYOR/ENGINEER OF RECORD. IF THIRD PARTY SUBCONTRACTORS PERFORM THE CONSTRUCTION LAYOUT AND SURVEYING FOR THIS PROJECT WITHOUT THE COORDINATION OF THE SURVEYOR/ENGINEER OF RECORD, THEY HAVE ASSUMED THE POSITION OF SURVEYOR/ENGINEER OF RECORD. THE FINAL CHECK OF THIS DESIGN IS TO BE THE CONSTRUCTION STAKING AS THE DESIGN MEETS THE EXISTING CONTROL AND ELEVATIONS. ALL EXISTING DISCREPANCIES TO THE STANDARD DESIGN CRITERIA SHALL BE BROUGHT TO THE SURVEYOR/ENGINEER OF RECORD'S ATTENTION PRIOR TO PROCEEDING WITH CONSTRUCTION. IF CONSTRUCTION CONTINUES WITHOUT VERIFICATION THE CONSTRUCTOR ASSUMES THE RESPONSIBILITY OF THE CORRECTNESS OF THE INTENDED DESIGN.

SHEET KEY MAP:



VICINITY MAP:



ERRORS AND OMISSIONS:


ARCHITERRA DESIGN GROUP HEREBY CERTIFIES THAT THE DESIGN, DETAILS AND SPECIFICATIONS AS REPRESENTED HEREIN MEET PROFESSIONAL LANDSCAPE ARCHITECTURAL STANDARDS. ARCHITERRA DESIGN GROUP CANNOT GUARANTEE THE QUALITY OF CONSTRUCTION, INSTALLATION OR MAINTENANCE OF IMPROVEMENTS AS DESIGNED AND/OR SPECIFIED HEREIN AND DISCLAIMS ANY FUTURE LIABILITY RESULTING FROM DEVIATIONS. ARCHITERRA DESIGN GROUP IS NOT RESPONSIBLE FOR THE AMOUNT OR FREQUENCY OF IRRIGATION WATER APPLIED TO THE PROJECT DURING CONSTRUCTION OR THEREAFTER.

SHEET INDEX:

NO.	SHEET	TITLE
1	L-0.0	TITLE SHEET
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3	L-1.2	DEMOLITION PLAN 2
4	L-2.1	GRADING PLAN 1
5	L-2.2	GRADING PLAN 2
6	L-3.0	CONSTRUCTION NOTES AND SCHEDULES
7	L-3.1	CONSTRUCTION PLAN 1
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9	L-3.3	CONSTRUCTION DETAILS 1
10	L-3.4	CONSTRUCTION DETAILS 2

DECLARATION OF LANDSCAPE ARCHITECT OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH PROFESSIONAL LANDSCAPE ARCHITECTURE STANDARDS AND PRACTICES. AS THE LANDSCAPE ARCHITECT IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ASSUME FULL RESPONSIBLE CHARGE FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS - SPECIAL DISTRICTS (SD) IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THAT THE PLANS COMPLY WITH SD PROCEDURES, APPLICABLE POLICES AND ORDINANCES. THE REVIEWS, RECOMMENDATIONS AND APPROVALS ARE NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT, THEREFORE, RELIEVE ME OF MY RESPONSIBILITY FOR THE DESIGN OF THESE IMPROVEMENTS. AS LANDSCAPE ARCHITECT OF RECORD, I AGREE TO INDEMNIFY AND HOLD SD, ITS OFFICERS, AGENTS, AND EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES OR INJURIES TO ANY PERSON OR PROPERTY WHICH MIGHT ARISE FROM THE NEGLIGENCE, ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD. I HAVE READ AND INFORMED THE PROJECT APPLICANT/DEVELOPER THAT APPROVAL OF THESE PLANS DO NOT RELIEVE THEM FROM THE REQUIREMENTS OF THE DESIGN CONDITIONS.

BY:  2834 02-12-24
NAME RLA NO. DATE

NOTIFICATIONS

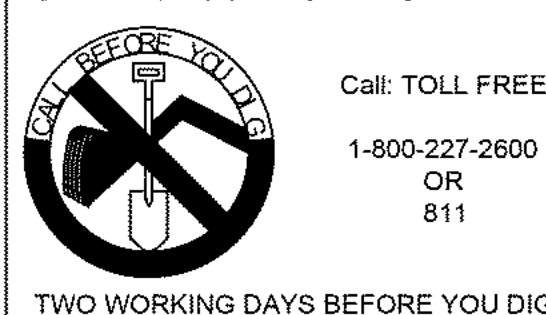
- AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL NOTIFY:
- SPECIAL DISTRICTS - (909) 386-8800
 - PERMIT AGENCY: COUNTY OF SAN BERNARDINO - (909) 387-7910
 - UNDERGROUND SERVICE ALERT (USA): 811
 - ALL OTHER AFFECTED AGENCIES THAT ARE NOT MEMBERS OF USA ALERT

PREPARED BY:

ARCHITERRA DESIGN GROUP, INC.
LANDSCAPE ARCHITECTURE
SITE PLANNING
10221-A TRADEMARK STREET
RANCHO CUCAMONGA, CALIFORNIA 91730
TEL.: (909) 484-2800 FAX: (909) 484-2802
CONTACT: KAY KITE
EMAIL: KKITE@ARCHITERRADESIGNGROUP.COM

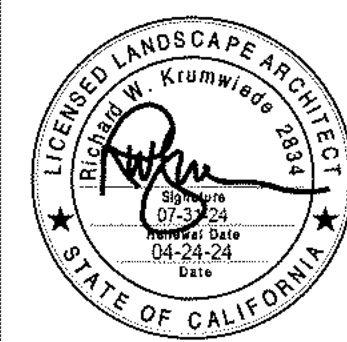
L-0.0

UNDERGROUND SERVICE ALERT



BENCHMARK:
ELEVATION DETERMINED FROM CORNS CONTROL SITES. POINT #1 (RTK BASE) - SET S/W SBCo (RP) IN AC DIKE. NAVD-88 ELEV = 5262.942'

BASIS OF BEARINGS:
CCS83 ZONE 5, NAD83(2011), EPOCH 2010.0



COMPANY ADDRESS AND LOGO

ARCHITERRA DESIGN GROUP
LANDSCAPE ARCHITECTURE AND PLANNING
10221-A TRADEMARK ST., RANCHO CUCAMONGA, CALIFORNIA 91730 (PH: 909) 484-2802
PREPARED UNDER THE SUPERVISION OF:
RICHARD W. KRUMWIEDE 2834 04-24-24
PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. No. DATE

REVISIONS

MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS
SPECIAL DISTRICTS

APPROVALS	ASSISTANT DIRECTOR	
	INITIAL	DATE
PROJECT MANAGER		
OPS. DIVISION MANAGER	Henry Mac	02/12/24
PM, DIVISION MANAGER		

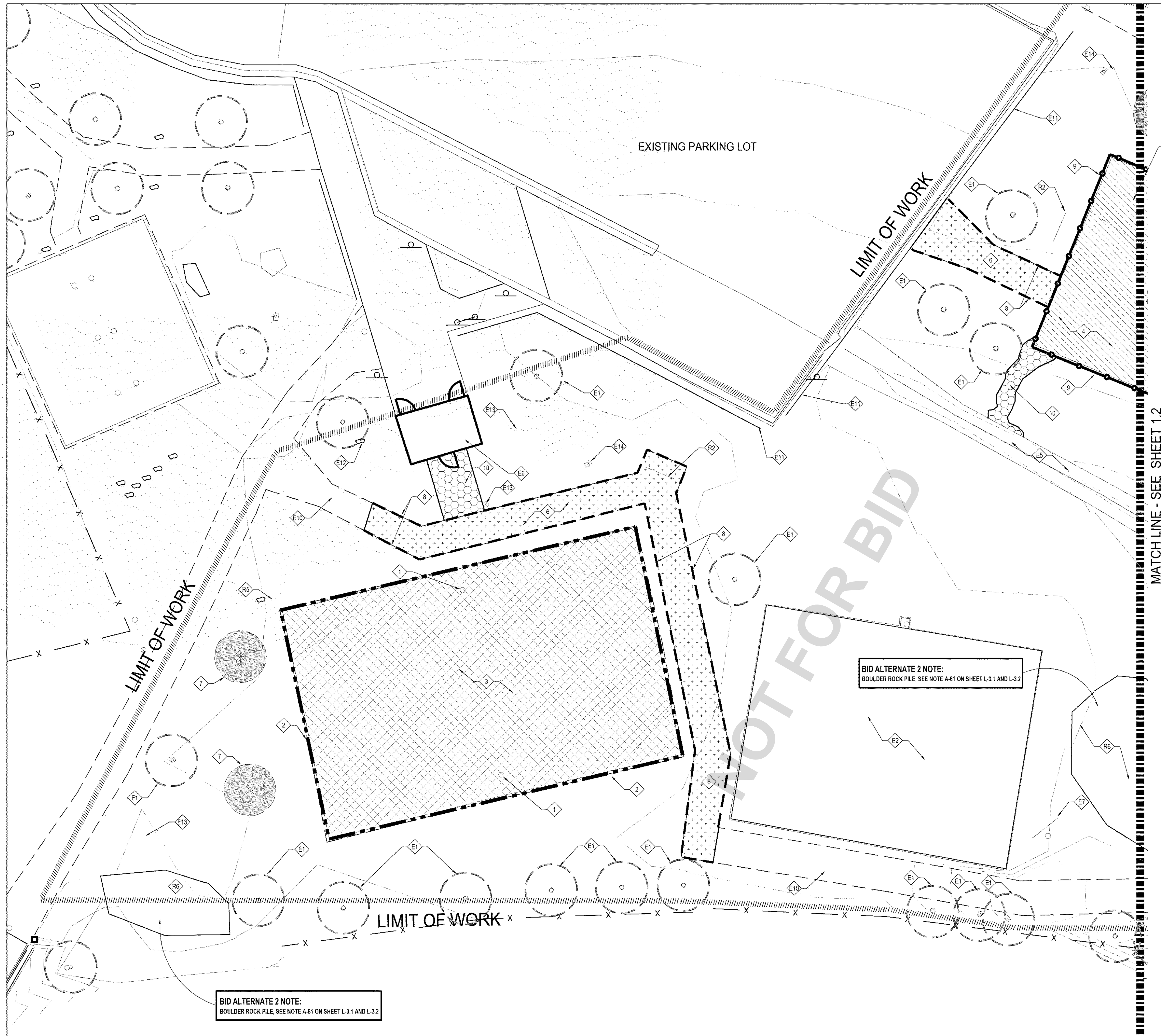
IMPROVEMENT PLANS

MACKAY RECREATION PARK
PICKLEBALL COURTS
LAKE ARROWHEAD
TITLE SHEET

DWG NO. 3620.0009, 30.30.0165

FILE NO.

SHEET 1 OF 10



DEMOLITION LEGEND:

DEMOLITION CALLOUTS:

- 1 REMOVE VOLLEYBALL POSTS AND FOOTINGS, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 2 REMOVE 6" X 8" WOOD VOLLEYBALL COURT EDGING, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 3 REMOVE VOLLEYBALL COURT SAND, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 4 REMOVE ARTIFICIAL TURF, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 5 REMOVE FENCING ALONG PICKLE BALL COURT. PROTECT COURT FROM DAMAGE, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 6 REMOVE EXISTING DECOMPOSED GRANITE WALKWAYS, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 7 REMOVE EXISTING TREES, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 8 REMOVE 4" X 4" TRAIL EDGING, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 9 REMOVE 6" X 6" WOOD EDGING AT EXERCISE AREA, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 10 EXISTING WOOD MULCH AND VEGETATION TO BE REMOVED, DISPOSE OF OFF-SITE IN A LEGAL MANNER.

EXISTING TO REMAIN:

- E1 EXISTING TREE OR SHRUB TO REMAIN, PROTECT IN PLACE.
- E2 EXISTING BASKETBALL COURT TO REMAIN, PROTECT IN PLACE.
- E3 EXISTING WOOD BRIDGE, FOOTINGS AND ABUTMENTS TO REMAIN, PROTECT IN PLACE.
- E4 EXISTING PICKLEBALL COURT TO REMAIN, PROTECT IN PLACE.
- E5 EXISTING COBBLE SWALE TO REMAIN, PROTECT IN PLACE.

- E6 EXISTING RESTROOM BUILDING TO REMAIN, PROTECT IN PLACE.
- E7 EXISTING BENCH TO REMAIN, PROTECT IN PLACE.
- E8 EXISTING OVERHEAD FABRIC STRUCTURE TO REMAIN, PROTECT IN PLACE.
- E9 EXISTING BLEACHERS TO REMAIN, PROTECT IN PLACE.
- E10 EXISTING DECOMPOSED GRANITE TRAIL AND EDGING TO REMAIN, PROTECT IN PLACE.
- E11 EXISTING SPLIT RAIL FENCE TO REMAIN, PROTECT IN PLACE.
- E12 EXISTING BOULDER TO REMAIN, PROTECT IN PLACE.

EXISTING UTILITIES TO REMAIN:

- E13 EXISTING UTILITY TO REMAIN, PROTECT IN PLACE.
- E14 EXISTING IRRIGATION CONTROL VALVE TO REMAIN, PROTECT IN PLACE.
- TO BE RELOCATED:
- R1 EXISTING SHADE STRUCTURE TO BE REMOVED AND RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION. EXISTING POST FOOTINGS TO BE DEMOLISHED AND REMOVED, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- R2 EXISTING BENCH TO BE REMOVED AND RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION. EXISTING POST FOOTINGS TO BE DEMOLISHED AND REMOVED, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- R3 EXISTING PICNIC TABLE TO BE REMOVED AND RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION.
- R4 EXISTING FITNESS STATION TO BE REMOVED AND RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION. EXISTING POST FOOTINGS TO BE DEMOLISHED AND REMOVED, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- R5 EXISTING BOULDER TO BE REMOVED AND RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION.
- R6 BOULDERS TO BE RELOCATED FROM EXISTING ON-SITE ROCK PILES. SEE CONSTRUCTION PLAN FOR NEW LOCATIONS. UNUSED BOULDERS TO REMAIN.

DEMOLITION NOTES:

- CONTRACTOR SHALL REPAIR AT HIS OWN EXPENSE, ANY DAMAGE, WHETHER INSIDE OR OUTSIDE OF THE PROJECT LIMITS, TO UTILITY SYSTEMS, SURFACE PAVEMENTS, FIXTURES, STRUCTURES, OR VEGETATION THAT IS NOT SPECIFICALLY INDICATED TO BE REMOVED AS PART OF THIS DEMOLITION PLAN. ALL DAMAGED ITEMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO THE OWNER.
- EXCEPT FOR MATERIALS INDICATED TO BE SALVAGED AND RELOCATED ON SITE, ALL CLEARED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED AND DISPOSED OF LEGALLY OFF-SITE. SEPARATE RECYCLABLE MATERIALS PRODUCED DURING SITE CLEARING FROM OTHER NONRECYCLABLE MATERIALS. STORE OR STOCKPILE WITHOUT INTERMIXING WITH OTHER MATERIALS AND TRANSPORT THEM TO RECYCLING FACILITIES.
- THE CONTRACTOR IS TO SUBMIT PHOTOGRAPHS OR VIDEOTAPE, SUFFICIENTLY DETAILED, OF EXISTING CONDITIONS OF TREES AND PLANTINGS, ADJOINING CONSTRUCTION, AND SITE IMPROVEMENTS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SITE CLEARING.
- THE CONTRACTOR IS TO SUBMIT RECORD DRAWINGS IDENTIFYING AND ACCURATELY LOCATING CAPPED UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, AND MECHANICAL CONDITIONS.
- LOCATE AND CLEARLY FLAG ALL TREES AND VEGETATION TO REMAIN OR BE RELOCATED.
- PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS.
- THE EXISTENCE AND APPROXIMATE LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY THE AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL TOLL FREE UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WORK.
- REMOVE SLABS, PAVING, CURBS, GUTTERS, AND AGGREGATE BASE AS INDICATED. NEATLY SAW CUT EXISTING PAVEMENT TO REMAIN BEFORE REMOVING EXISTING PAVEMENT. PAINT ENDS OF STEEL REINFORCEMENT IN CONCRETE TO REMAIN TO PREVENT CORROSION.

PROTECTION NOTES:

- REGARDING THE "SAFE ZONE" FOR EXISTING TREES: BEFORE BEGINNING ANY DEMOLITION OR CONSTRUCTION OPERATIONS, INSTALL A TEMPORARY PLASTIC ORANGE WEB FENCE AROUND ALL EXISTING TREES TO BE PROTECTED IN PLACE. THE FENCE SHALL BE INSTALLED AT A MINIMUM OF 15' AWAY FROM THE TRUNK (OR AS FAR AWAY FROM THE TRUNK AS POSSIBLE). PROTECTION BARRIER SHALL CONSIST OF 3' MINIMUM HIGH PLASTIC WEB FENCING ATTACHED TO #4 REBAR STAKES. ALL CONTRACTORS AND THEIR CREWS SHALL NOT BE ALLOWED INSIDE THIS "SAFE ZONE", NOR SHALL THEY BE ALLOWED TO STORE OR DUMP FOREIGN MATERIALS WITHIN THIS AREA. NO WORK OF ANY KIND, INCLUDING TRENCHING, SHALL BE ALLOWED WITHIN THE SAFE ZONE EXCEPT AS DESCRIBED BELOW. THE FENCING SHALL REMAIN AROUND EACH TREE TO BE SAVED UNTIL THE COMPLETION OF CONSTRUCTION OPERATIONS.
- ALL ELEMENTS TO REMAIN AND SHALL BE PROTECTED FROM DAMAGE IN PLACE. ANY ITEMS OR MATERIALS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND, TO THE SATISFACTION OF THE OWNER.

CLEARING NOTES:

- BEFORE ANY CONSTRUCTION OPERATIONS ARE INITIATED THE INDIVIDUAL TREES TO BE PROTECTED SHALL BE CLEARLY TAGGED. THE ZONES BENEATH THE TREE CANOPY SHALL BE PROTECTED AND ARE NOT TO BE USED FOR VEHICLE ACCESS OR PARKING.
- SHRUBS AND GROUND COVER PLANTS THAT ARE SCHEDULED FOR REMOVAL SHALL BE REMOVED COMPLETELY AND THOROUGHLY. ALL ROOTS THAT ARE OVER 1/2" INCH IN DIAMETER SHALL BE GRUBBED AND REMOVED TO 18" BELOW GRADE MINIMUM. ALL ROOTS WITHIN THE TOP 6" OF SOIL SURFACE SHALL BE REMOVED. DO NOT DISTURB ROOTS OF TREES SHOWN TO REMAIN.
- EXPOSED ROOTS OF EXISTING TREES TO REMAIN THAT ARE OVER 1" IN DIAMETER SHALL BE INSPECTED BY A CITY-APPROVED ARBORIST TO DETERMINE IF CUTTING IS RECOMMENDED. ANY SUCH INDICATED ROOTS SHALL BE CUT CLEANLY WITH CLEAN SHARP PRUNING TOOLS AND NOT RIPPED, TORN, OR CRUSHED.



PLAN CROSS REFERENCES:
 FOR CORRESPONDING GRADING PLAN, SEE SHEET L-2.1
 FOR CORRESPONDING CONSTRUCTION PLAN, SEE SHEET L-3.1

L-1.1

UNDERGROUND SERVICE ALERT

Call: TOLL FREE
1-800-227-2600
OR
811

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 ELEVATION DETERMINED FROM CORS CONTROL SITES. POINT #1 (RTK BASE) - SET S/W SBCo (RP) IN AC DIKE. NAVD-88 ELEV = 5262.942'

BASIS OF BEARINGS:
 CCS83 ZONE 5, NAD83(2011), EPOCH 2010.0

COMPANY ADDRESS AND LOGO

ARCHITERRA DESIGN GROUP
 LANDSCAPE ARCHITECTURE AND PLANNING
 1321 W. TRIDEMARK CT., HANFORD, CALIFORNIA 91762-9191 (509) 889-0502

PREPARED UNDER THE SUPERVISION OF:
 RICHARD W. KRUMWIEDE 2834 04-24-24
 PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. No. DATE

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
 SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

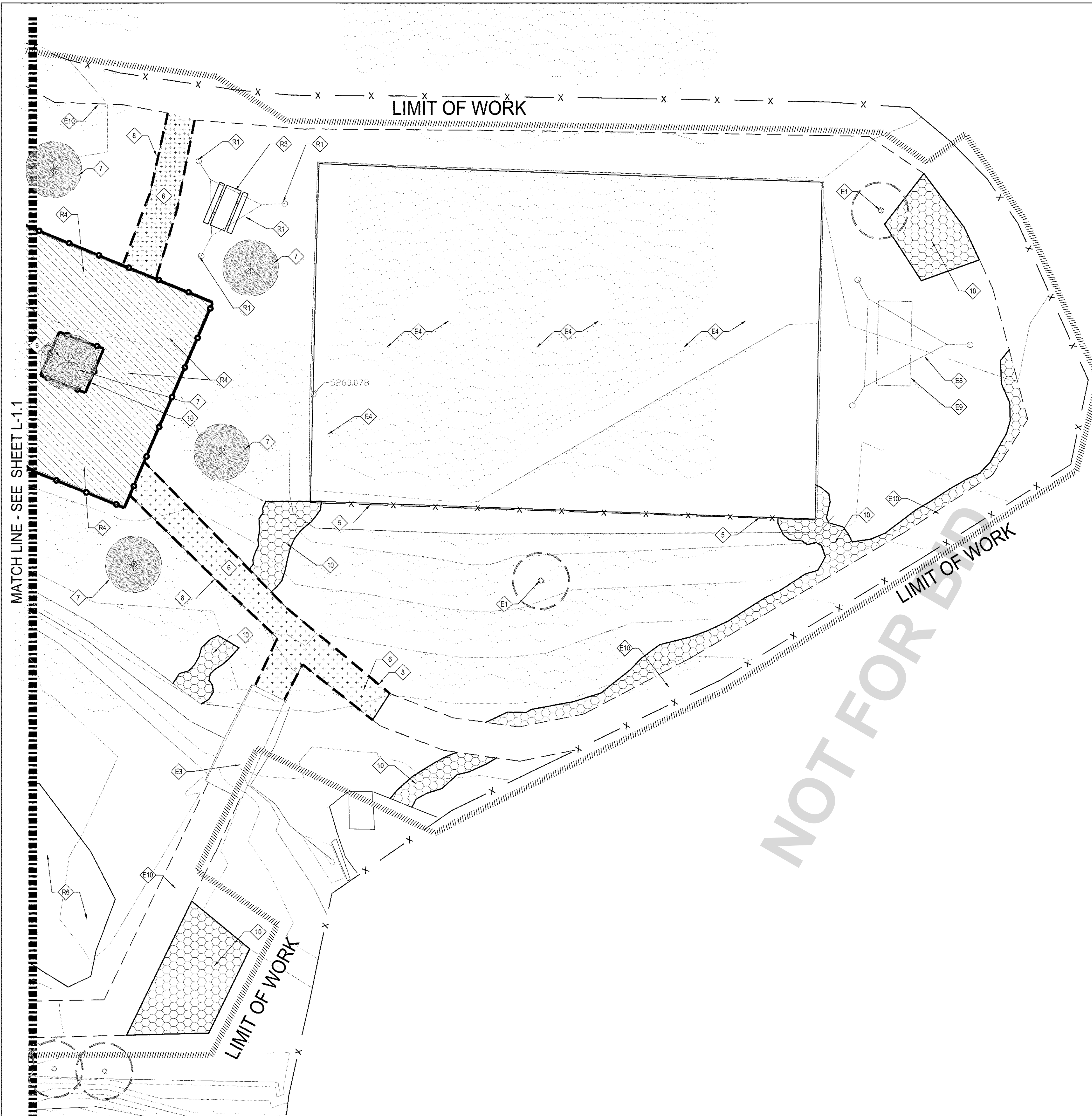
ASSISTANT DIRECTOR _____ DATE _____

APPROVALS	PROJECT MANAGER	INITIAL	DATE
	OPS. DIVISION MANAGER	Henry Mac	
	PM, DIVISION MANAGER		

IMPROVEMENT PLANS

MACKAY RECREATION PARK
 PICKLEBALL COURTS
 LAKE ARROWHEAD
 DEMOLITION PLAN 1

DWG NO. 3620.0009, 30.30.0165
 FILE NO. -
 SHEET 2 OF 10



DEMOLITION LEGEND:

DEMOLITION CALLOUTS:

- 1 REMOVE VOLLEYBALL POSTS AND FOOTINGS, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 2 REMOVE 8" X 8" WOOD VOLLEYBALL COURT EDGING, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 3 REMOVE VOLLEYBALL COURT SAND, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 4 REMOVE ARTIFICIAL TURF, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
- 5 REMOVE FENCING ALONG PICKLE BALL COURT, PROTECT COURT FROM DAMAGE, DISPOSE OF OFF-SITE IN A LEGAL MANNER.
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EXISTING UTILITIES TO REMAIN:

- E13 EXISTING UTILITY TO REMAIN, PROTECT IN PLACE.
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TO BE RELOCATED:

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DEMOLITION NOTES:

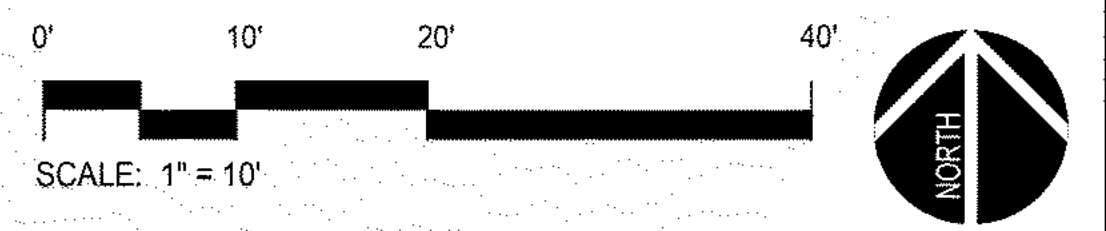
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- EXCEPT FOR MATERIALS INDICATED TO BE SALVAGED AND RELOCATED ON SITE, ALL CLEARED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED AND DISPOSED OF LEGALLY OFF-SITE. SEPARATE RECYCLABLE MATERIALS PRODUCED DURING SITE CLEARING FROM OTHER NONRECYCLABLE MATERIALS. STORE OR STOCKPILE WITHOUT INTERMIXING WITH OTHER MATERIALS AND TRANSPORT THEM TO RECYCLING FACILITIES.
- THE CONTRACTOR IS TO SUBMIT PHOTOGRAPHS OR VIDEOTAPE, SUFFICIENTLY DETAILED, OF EXISTING CONDITIONS OF TREES AND PLANTINGS, ADJOINING CONSTRUCTION, AND SITE IMPROVEMENTS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SITE CLEARING.
- THE CONTRACTOR IS TO SUBMIT RECORD DRAWINGS IDENTIFYING AND ACCURATELY LOCATING CAPPED UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, AND MECHANICAL CONDITIONS.
- LOCATE AND CLEARLY FLAG ALL TREES AND VEGETATION TO REMAIN OR BE RELOCATED.
- PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS.
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- REMOVE SLABS, PAVING, CURBS, GUTTERS, AND AGGREGATE BASE AS INDICATED. NEATLY SAW CUT EXISTING PAVEMENT TO REMAIN BEFORE REMOVING EXISTING PAVEMENT. PAINT ENDS OF STEEL REINFORCEMENT IN CONCRETE TO REMAIN TO PREVENT CORROSION.

PROTECTION NOTES:

- REGARDING THE "SAFE ZONE" FOR EXISTING TREES, BEFORE BEGINNING ANY DEMOLITION OR CONSTRUCTION OPERATIONS, INSTALL A TEMPORARY PLASTIC ORANGE WEB FENCE AROUND ALL EXISTING TREES TO BE PROTECTED IN PLACE. THE FENCE SHALL BE INSTALLED AT A MINIMUM OF 15' AWAY FROM THE TRUNK (OR AS FAR AWAY FROM THE TRUNK AS POSSIBLE). PROTECTION BARRIER SHALL CONSIST OF 3' MINIMUM HIGH PLASTIC WEB FENCING ATTACHED TO #4 REBAR STAKES. ALL CONTRACTORS AND THEIR CREWS SHALL NOT BE ALLOWED INSIDE THIS "SAFE ZONE", NOR SHALL THEY BE ALLOWED TO STORE OR DUMP FOREIGN MATERIALS WITHIN THIS AREA. NO WORK OF ANY KIND, INCLUDING TRENCHING, SHALL BE ALLOWED WITHIN THE SAFE ZONE EXCEPT AS DESCRIBED BELOW. THE FENCING SHALL REMAIN AROUND EACH TREE TO BE SAVED UNTIL THE COMPLETION OF CONSTRUCTION OPERATIONS.
- ALL ELEMENTS TO REMAIN AND SHALL BE PROTECTED FROM DAMAGE IN PLACE. ANY ITEMS OR MATERIALS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND, TO THE SATISFACTION OF THE OWNER.

CLEARING NOTES:

- BEFORE ANY CONSTRUCTION OPERATIONS ARE INITIATED THE INDIVIDUAL TREES TO BE PROTECTED SHALL BE CLEARLY TAGGED. THE ZONES BENEATH THE TREE CANOPY SHALL BE PROTECTED AND ARE NOT TO BE USED FOR VEHICLE ACCESS OR PARKING.
- SHRUBS AND GROUND COVER PLANTS THAT ARE SCHEDULED FOR REMOVAL SHALL BE REMOVED COMPLETELY AND THOROUGHLY. ALL ROOTS THAT ARE OVER 1/2" IN DIAMETER SHALL BE GRUBBED AND REMOVED TO 18" BELOW GRADE MINIMUM. ALL ROOTS WITHIN THE TOP 6" OF SOIL SURFACE SHALL BE REMOVED. DO NOT DISTURB ROOTS OF TREES SHOWN TO REMAIN.
- EXPOSED ROOTS OF EXISTING TREES TO REMAIN THAT ARE OVER 1" IN DIAMETER SHALL BE INSPECTED BY A CITY-APPROVED ARBORIST TO DETERMINE IF CUTTING IS RECOMMENDED. ANY SUCH INDICATED ROOTS SHALL BE CUT CLEANLY WITH CLEAN SHARP PRUNING TOOLS AND NOT RIPPED, TORN, OR CRUSHED.



PLAN CROSS REFERENCES:
 FOR CORRESPONDING GRADING PLAN, SEE SHEET L-2.2
 FOR CORRESPONDING CONSTRUCTION PLAN, SEE SHEET L-3.2

L-1.2

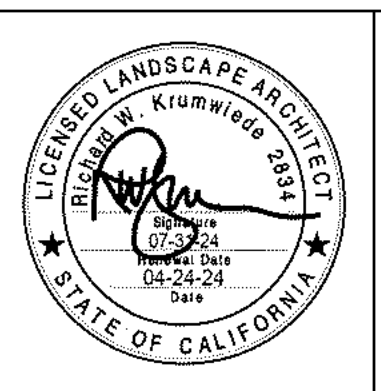
UNDERGROUND SERVICE ALERT

Call: TOLL FREE
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OR
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TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 ELEVATION DETERMINED FROM CORS CONTROL SITES. POINT #1 (RTK BASE)
 - SET S/W SBCo (RP) IN AC DIKE.
 NAVD-88 ELEV = 5262.942'

BASIS OF BEARINGS:
 CCS83 ZONE 5, NAD83(2011),
 EPOCH 2010.0



COMPANY ADDRESS AND LOGO

ARCHITERRA
 DESIGN GROUP
 LANDSCAPE ARCHITECTURE AND PLANNING
 1321 W. TRIDEMARK CT., RANCHO SUCROMONTE,
 CALIFORNIA 91729-9911 (909) 881-3500

PREPARED UNDER THE SUPERVISION OF:
 RICHARD W. KRUMWIEDE 2834 04-24-24
 PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. No. DATE

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
**SAN BERNARDINO COUNTY - PUBLIC WORKS
 SPECIAL DISTRICTS**

APPROVALS	ASSISTANT DIRECTOR		DATE	
	PROJECT MANAGER	INITIAL	DATE	DATE
	OPS, DIVISION MANAGER	Henry Mac		
	PM, DIVISION MANAGER			

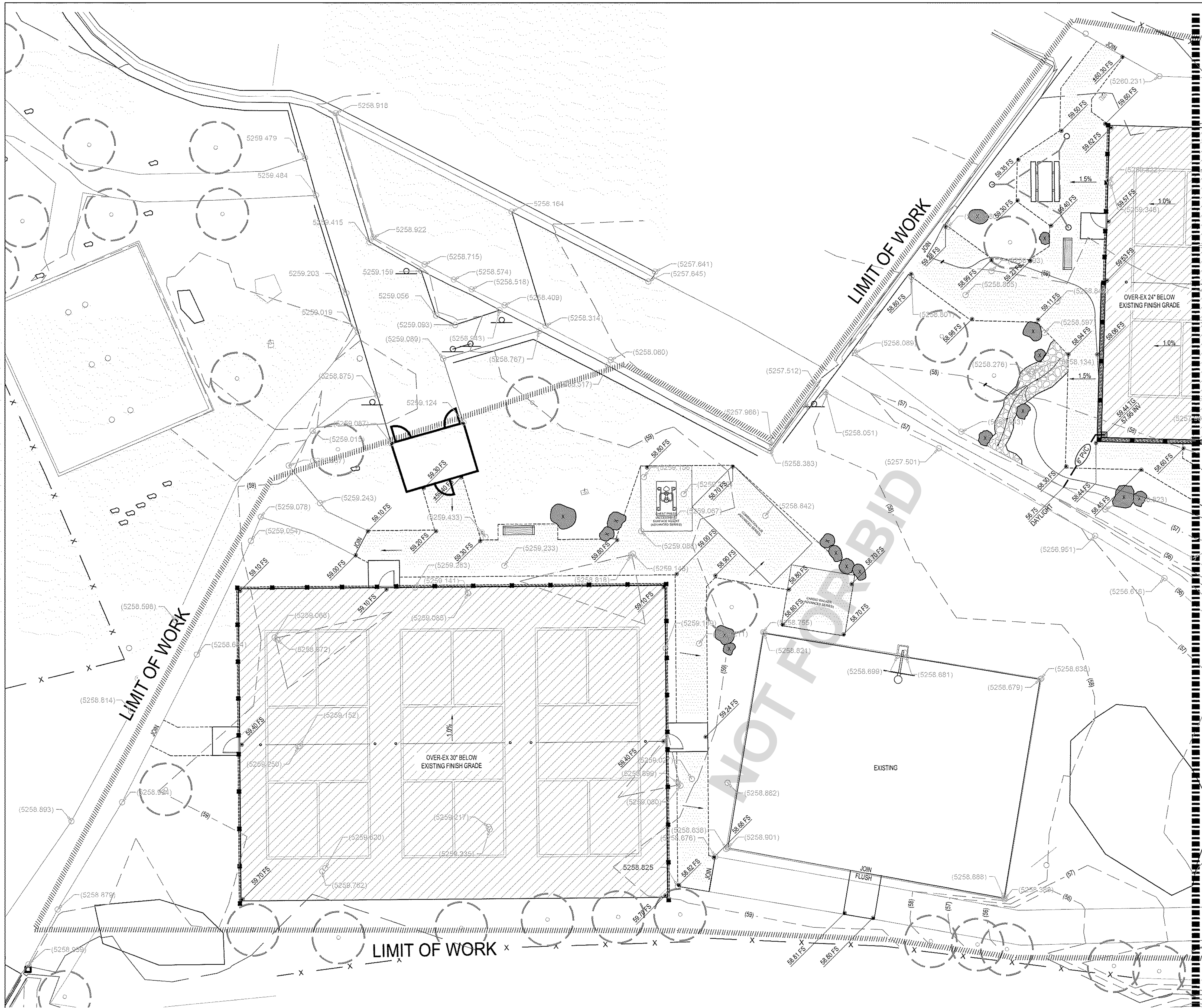
IMPROVEMENT PLANS

**MACKAY RECREATION PARK
 PICKLEBALL COURTS
 LAKE ARROWHEAD
 DEMOLITION PLAN 2**

DWG NO.
3620.0009,
30.30.0165

FILE NO.
-

SHEET 3 OF 10



GRADING NOTES:

- ALL GRADING SHALL BE IN ACCORDANCE WITH THE COUNTY OF WHICH CONSTRUCTION AND GRADING IS BEING PERFORMED GRADING CODE AND ANY SPECIAL REQUIREMENTS OF THE GRADING PERMIT.
- SLOPES SHALL BE NO STEEPER THAN 2' HORIZONTAL TO 1' VERTICAL (2:1) AND SHALL HAVE NOT LESS THAN 90% COMPACTION OUT TO THEIR FINISH SURFACES.
- ALL DRAIN LINES SHALL BE A MINIMUM 3" DIAMETER, AND HAVE A 1% MINIMUM FALL. DRAIN LINES SHALL BE INSTALLED WITH CLEAN-OUTS EVERY 100 FT. PER CODE. CORE CURBS 12" DIAMETER LARGER THAN PIPE O.D.
- ALL CATCH BASINS AND DRAINS SHALL BE AS NOTED AND SET FLUSH WITH PROPOSED FINISH SURFACE OR PROPOSED FINISH GRADES, AND SHALL BE CLEANED OF ALL DEBRIS AT COMPLETION OF INSTALLATION.
- DRAIN LINE LAYOUT IS DIAGRAMMATIC.
- CONTRACTOR SHALL COORDINATE DRAIN LINE LOCATIONS SO AS NOT TO CONFLICT WITH TREE INSTALLATIONS.
- ALL PAVED AREAS SHALL SLOPE AWAY FROM BUILDINGS AND STRUCTURES WITH A 1% MINIMUM FALL. PLANTED AREAS SHALL HAVE A MINIMUM 2% FALL.
- FINISH GRADE SHALL BE ONE INCH BELOW FINISH SURFACE OF SIDEWALKS, CURBS, OR PAVED AREAS (UNLESS SHOWN OTHERWISE).
- FINISH GRADE SHALL HAVE A UNIFORM SURFACE, FREE FROM ALL DEPRESSIONS AND ALL OBJECTS THAT MAY BE A HINDRANCE TO CONSTRUCTION, PLANTING OR MAINTENANCE OPERATIONS.
- ALL AREAS ARE TO BE FREE OF ROCK, DEBRIS, ETC. ALL EXISTING VEGETATIVE GROWTH OF WEEDS SHALL BE REMOVED.
- INSTALL ALL STEPS WITH A MINIMUM 1% WASH. CONTRACTOR MAY SLOPE PAVING AWAY FROM TOP AND BOTTOM RISERS AS NECESSARY AT MAXIMUM 3%, MINIMUM 1% FALL.
- DIRT AND DEBRIS TRACKED ONTO EXISTING STREETS SHALL BE REMOVED FROM STREETS ON DAILY BASIS AND AT COMPLETION OF CONSTRUCTION.
- REFER TO GEOTECHNICAL REPORT FOR OVER-EXCAVATION AND COMPACTION REQUIREMENTS.

GRADING LEGEND:

GRADING CALLOUTS:

- XX% FLOW DIRECTION / SLOPE DIRECTION W/ PERCENTAGE.
- (XXXX.XXX) EXISTING GRADE.
- XX.XX FS PROPOSED FINISH GRADE (ADD 5200' TO PROPOSED SPOT ELEVATIONS).

EQUIPMENT LEGEND:

SYMBOL	MANUF.	MODEL	DESCRIPTION
	NDS	#1200 & #1212	12" SQUARE PLASTIC CATCH BASIN WITH BLACK BRASS GRATE.
	PVC		SDR-13.5 DRAIN PIPE. INSTALL IN TRENCHES W/ INVERTS INDICATED ON PLAN. SIZE PER PLAN.

GRADING ABBREVIATIONS:

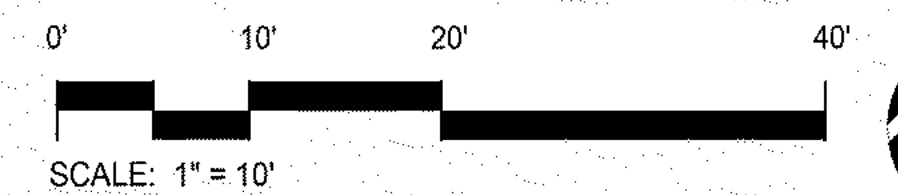
A.D.	AREA DRAIN	T.G.	TOP OF GRADE/ CATCH BASIN
O.C.	ON CENTER	F.F.	FINISH FLOOR ELEVATION
B.S.	BOTTOM OF STEP	T.G.R.	TOP OF GUARDRAIL/HANDRAIL
P.A.	PLANTING AREA	F.H.	FINISHED GRADE
B.W.	BACK OF WALK	T.F.	TOP OF FENCE
R.	RADIUS	F.L.	FLOW LINE
C.L.	CENTER LINE	T.O.C.	TOP OF COPING
SQ.	SQUARE	F.S.	FINISHED SURFACE
E.J.	EXPANSION JOINT	T.O.F.	TOP OF FOOTING
T.C.	TOP OF CURB	G.B.	GRADE BREAK
EQ.	EQUAL	T.P.	TOP OF PLASTER
		H.P.	HIGH POINT
		T.S.	TOP OF STEP
		H.P.S.	HIGH POINT IN SWALE
		T.W.	TOP OF WALL
		INV.	INVERT
		TYP.	TYPICAL
		N.I.C.	NOT IN CONTRACT

SURVEY PROVIDED BY:

COUNTY OF SAN BERNARDINO PUBLIC WORKS - SPECIAL DISTRICTS
 222 WEST HOSPITALITY LANE
 SAN BERNARDINO, CA 92415
 DATE OF SURVEY: 08/03/2021

PLAN CROSS REFERENCES:

FOR CORRESPONDING DEMOLITION PLAN SEE SHEET L-1.1
 FOR CORRESPONDING CONSTRUCTION PLAN, SEE SHEET L-3.1



L-2.1

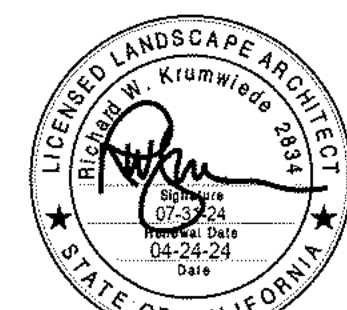
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 CCS83 ZONE 5, NAD83(2011), EPOCH 2010.0



COMPANY ADDRESS AND LOGO



PREPARED UNDER THE SUPERVISION OF:
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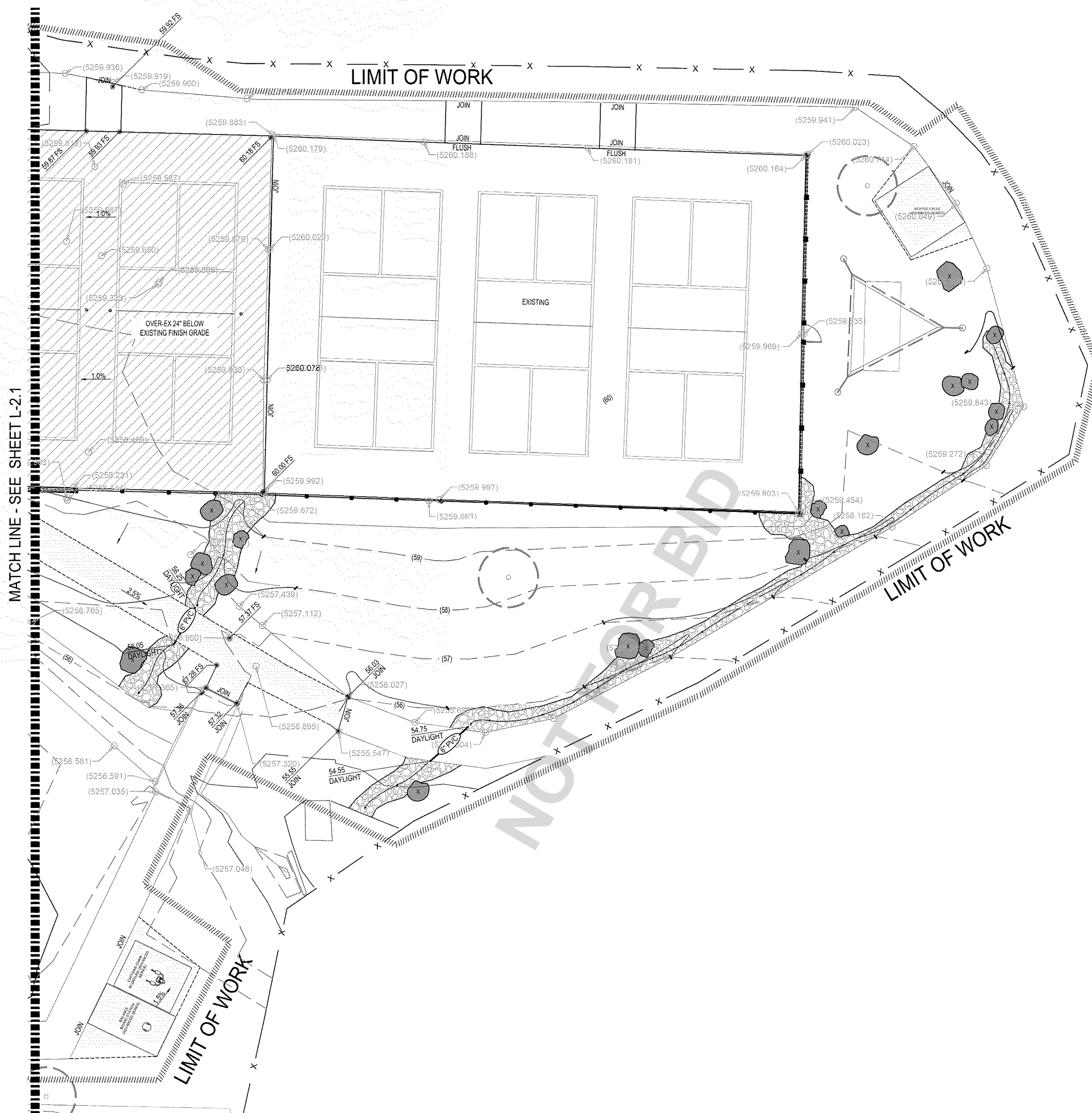
PLANS APPROVED BY:
 SAN BERNARDINO COUNTY - PUBLIC WORKS
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APPROVALS	ASSISTANT DIRECTOR		DATE	
	PROJECT MANAGER	INITIAL	DATE	DATE
	OPS, DIVISION MANAGER	Henry Mac		
	PM, DIVISION MANAGER			

IMPROVEMENT PLANS

MACKAY RECREATION PARK
 PICKLEBALL COURTS
 LAKE ARROWHEAD
 GRADING PLAN 1

DWG NO. 3620.0009, 30.30.0165
 FILE NO. -
 SHEET 5 OF 10



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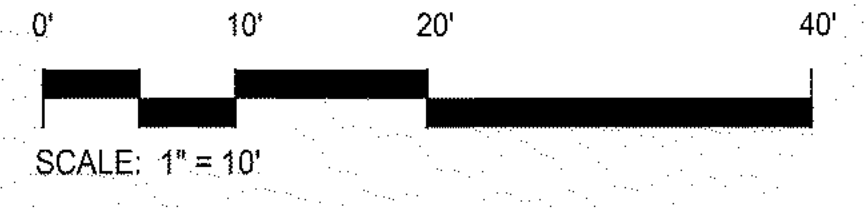
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 - XX.XX FS PROPOSED FINISH GRADE (ADD 5200' TO PROPOSED SPOT ELEVATIONS).
- EQUIPMENT LEGEND:**
- | SYMBOL | MANUF. | MODEL | DESCRIPTION |
|----------|--------|---------------|---|
| [Symbol] | NDS | #1200 & #1212 | 12" SQUARE PLASTIC CATCH BASIN WITH BLACK BRASS GRATE. |
| [Symbol] | PVC | | SDR-13.5 DRAIN PIPE. INSTALL IN TRENCHES w/ INVERTS INDICATED ON PLAN. SIZE PER PLAN. |

GRADING ABBREVIATIONS:

A.D.	AREA DRAIN	T.G.	TOP OF GRATE/ CATCH BASIN
O.C.	ON CENTER	F.F.	FINISH FLOOR ELEVATION
B.S.	BOTTOM OF STEP	T.G.R.	TOP OF GUARDRAIL/HANDRAIL
P.A.	PLANTING AREA	F.H.	FINISHED GRADE
B.W.	BACK OF WALK	T.F.	TOP OF FENCE
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L-2.2

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ARCHITERRA DESIGN GROUP
 LANDSCAPE ARCHITECTURE AND PLANNING
 10214 TRUDGEMAN CT. RANCHO SUCRIENOS, CALIFORNIA 91732 PH: (909) 889-0502

PREPARED UNDER THE SUPERVISION OF:
 RICHARD W. KRUMWIEDE 2834 04-24-24
 PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. No. DATE

REVISIONS					
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 SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

ASSISTANT DIRECTOR		DATE	
PROJECT MANAGER	INITIAL	DATE	DATE
OPS. DIVISION MANAGER	Henry Mac		
PM, DIVISION MANAGER			

IMPROVEMENT PLANS
 MACKAY RECREATION PARK
 PICKLEBALL COURTS
 LAKE ARROWHEAD
 GRADING PLAN 2

DWG NO.
 3620.0009,
 30.30.0165

FILE NO.
 -

SHEET 6 OF 10

PAVING & SURFACING SCHEDULE:

SYMBOL	CONCRETE DESCRIPTION	DETAIL	MATERIAL	THICKNESS	PATTERN	EXP. JT. TYPE	EXP. JT. DETAIL	CTL. JT. TYPE	CTL. JT. DETAIL	FINISH	MATERIAL COLOR	COLOR MANUF.	SEALER	SEALER MANUF.	REMARKS
(P-11)	CONCRETE PAVING	AL-3.3	CONCRETE	4"	SCORED PER PLAN	FULL-DEPTH	B/11	TOOLED	B/11	MEDIUM BROOM	NATURAL GRAY	NA	RAINGUARD PREMIUM	RAINGUARD CONCRETE SEALER	
(P-12)	COURT CONCRETE PAVING	AL-3.3	CONCRETE	4" REINFORCED	NA	FULL DEPTH WATERPROOF		B/11	NA	SMOOTH	PLEXIPAVE HARDCOURT ACRYLIC SURFACING. BLUE COURT WITH GREEN PERIMETER & WHITE LINES TO MATCH EXISTING	CALIFORNIA SPORTS SURFACES	NA	NA	CONTRACTOR TO SUBMIT COLOR SAMPLES FOR APPROVAL PRIOR TO ORDERING
SYMBOL	STONE PAVING DESCRIPTION	DETAIL	MATERIAL	THICKNESS	FINISH	MATERIAL COLOR	COLOR MANUF.	REMARKS							
(P-61)	DECOMPOSED GRANITE PAVING / PATH	CL-3.3	DECOMPOSED GRANITE	3"	STABILIZED	CALIFORNIA GOLD	SOUTHWEST BOULDER & STONE	INSTALL WITH 4"x4" WOOD HEADER TO MATCH EXISTING							
(P-62)	DECOMPOSED GRANITE PAVING REPAIR (BID ALTERNATE 3)	CL-3.3	DECOMPOSED GRANITE	3"	STABILIZED	CALIFORNIA GOLD	SOUTHWEST BOULDER & STONE	REPAIR AREAS OF EXISTING D.G. TRAIL. FILL IN RILLS AND RAKE SMOOTH							
SYMBOL	WOOD & SYNTHETIC DESCRIPTION	MATERIAL	THICKNESS												
(P-71)	WOOD MULCH	WOOD MULCH	3" MIN												

CURBS & EDGING SCHEDULE:

SYMBOL	CONCRETE CURBS DESCRIPTION	DETAIL	MATERIAL	MATERIAL COLOR	FINISH	REMARKS
(C-11)	RETAINING CURB	DIL-3.4	POURED IN PLACE CONCRETE	NATURAL GRAY	SMOOTH SACK	WITH 1/2" CHAMFER ALONG EXPOSED EDGES
SYMBOL	WOOD DESCRIPTION	DETAIL	MATERIAL	MATERIAL COLOR	FINISH	REMARKS
(C-31)	WOOD HEADER @ DECOMPOSED GRANITE PATH	CL-3.3	4" x 4" PRESSURE TREATED	NATURAL	N/A	

FENCES & RAILS SCHEDULE:

SYMBOL	SYNTHETIC MATERIALS DESCRIPTION	DETAIL	HEIGHT	MATERIAL	MANUF.	MODEL	COLOR	COLOR MANUF.	FINISH	REMARKS
(F-11)	WIND SCREEN SLATS AT CHAIN LINK FENCE (BID ALTERNATE 1)	EIL-3.3	8'-0"	HDPE	PEXCO	TOP LOCK PRIVACY SLATS	GREEN	PEXCO	N/A	BID ALTERNATE 1 AT ALL 8' HIGH CHAIN LINK FENCING
SYMBOL	METAL DESCRIPTION	DETAIL	HEIGHT	MATERIAL	MANUF.	MODEL	COLOR	COLOR MANUF.	FINISH	REMARKS
(F-41)	COURT PERIMETER FENCE	EIL-3.3	8'-0"	CHAIN LINK	N/A	N/A	N/A	N/A	VINYL-COATED, GREEN	
SYMBOL	CHAIN LINK DESCRIPTION	DETAIL	HEIGHT	MATERIAL	MANUF.	MODEL	COLOR	COLOR MANUF.	FINISH	REMARKS
(F-51)	COURT PERIMETER CHAIN LINK FENCE ATOP CONCRETE RETAINING CURB	EIL-3.4	8'-0"	CHAIN LINK	N/A	N/A	N/A	N/A	VINYL-COATED, GREEN	
(F-52)	COURT PERIMETER FENCE ATOP RETAINING CURB (BID ALTERNATE 1)	EIL-3.4	8'-0"	CHAIN LINK	N/A	N/A	N/A	N/A	VINYL-COATED, GREEN	BID ALTERNATE 1
(F-53)	COURT PERIMETER FENCE (BID ALTERNATE 1)	EIL-3.3	8'-0"	CHAIN LINK	N/A	N/A	N/A	N/A	VINYL-COATED, GREEN	BID ALTERNATE 1

GATES SCHEDULE:

SYMBOL	CHAIN LINK DESCRIPTION	DETAIL	HEIGHT/WIDTH	MATERIAL	GATE COLOR	HINGE TYPE & MANUF.	LATCH TYPE & MANUF.	REMARKS
(G-101)	COURT ACCESS GATE (BID ALTERNATE 1)	FL-3.3	8'-0" x 3'-0"	CHAIN LINK	VINYL COATED, GREEN	PER DETAIL	PER DETAIL	INSTALL WINDSCREEN SLATS TO MATCH ADJACENT FENCE WHERE OCCURS PER CONSTRUCTION PLAN

SITE AMENITIES SCHEDULE:

SYMBOL	SPORTS EQUIPMENT DESCRIPTION	DETAIL	MANUF.	MODEL	MATERIAL COLOR 1	MOUNTING	REMARKS
(A-41)	PICKLEBALL NET POST (2) POSTS WITH CRANK & RATCHET SYSTEM.	GL-3.3	10-S	PBPSTAL100-BLK	BLACK	IN GROUND	IN-GROUND WITH CONCRETE FOOTING CONTRACTOR TO ALSO PROVIDE 36" HIGH X 21'-9" LONG PICKLEBALL NET
SYMBOL	BOULDERS DESCRIPTION	DETAIL	MANUF.	MODEL	MATERIAL COLOR 1	MOUNTING	REMARKS
(A-61)	LANDSCAPE BOULDER (BID ALTERNATE 2)	DIL-3.3	N/A	N/A	N/A	BURY 1/3 INTO GROUND	BID ALTERNATE 2
SYMBOL	LANDSCAPE FEATURES DESCRIPTION	DETAIL	MANUF.	MODEL	MATERIAL COLOR 1	MOUNTING	REMARKS
(A-91)	COBBLE SWALE	AL-3.4	COBBLE: SOUTHWEST BOULDER & STONE	4" TO 8" ROCK	'COPPER CANYON'	SET INTO GRADE	INTERMIX (50%) SMALLER AGGREGATE SET AT CENTERLINE OF SWALE (1/2" TO 2" IN SIZE)
(A-92)	COBBLE SWALE AT EXISTING D.G. TRAIL REPAIR AND EXISTING D.G. TRAIL TO REMAIN ONLY (BID ALTERNATE 3)	AL-3.4	SOUTHWEST BOULDER & STONE	4" TO 8" ROCK	'COPPER CANYON'	SET INTO GRADE	BID ALTERNATE 3 INTERMIX (50%) SMALLER AGGREGATE (1/2" TO 2" IN SIZE) SET AT CENTERLINE OF SWALE

EXISTING SCHEDULE:

SYMBOL	DESCRIPTION	NOTES
(EX-101)	EXISTING DECOMPOSED GRANITE PATH WITH WOOD HEADER	PROTECT IN PLACE
(EX-102)	CONCRETE PICKLEBALL COURT	PROTECT FROM DAMAGE
(EX-103)	3-POST SHADE SAIL	PROTECT IN PLACE
(EX-104)	BLEACHER	PROTECT FROM DAMAGE
(EX-105)	TREE	PROTECT FROM DAMAGE
(EX-106)	RESTROOM BUILDING	PROTECT FROM DAMAGE
(EX-107)	BASKETBALL COURT PAVING	PROTECT FROM DAMAGE
(EX-108)	BASKETBALL GOAL, BACKBOARD AND POST	PROTECT IN PLACE
(EX-110)	PARK PERIMETER CHAIN LINK FENCE	PROTECT IN PLACE
(EX-111)	COBBLE SWALE	PROTECT FROM DAMAGE
(EX-112)	PEDESTRIAN BRIDGE	PROTECT FROM DAMAGE

REFERENCES BY OTHERS SCHEDULE:

SYMBOL	DESCRIPTION	NOTES
(R-101)	RELOCATED PICNIC TABLE	RELOCATE EXISTING PICNIC TABLE.
(R-102)	RELOCATED SEATED CYCLE	INSTALL SEATED CYCLE FITNESS EQUIPMENT WITH NEW CONCRETE FOOTING. REFER TO DEMOLITION PLAN
(R-103)	RELOCATED BENCH	RELOCATE EX. BENCH FROM ON-SITE WITH NEW 12" DIA. x 24" DEEP CONCRETE FOOTING(S)
(R-104)	RELOCATED 3-POST SHADE SAIL	RELOCATE EX. SHADE SAIL AND POSTS WITH NEW 18" DIA. x 48" DEEP CONCRETE FOOTINGS
(R-105)	RELOCATED CARDIO WALKER	REINSTALL CARDIO WALKER FITNESS EQUIPMENT WITH NEW CONCRETE FOOTING(S). CONSULT MANUFACTURER FOR FOOTING RECOMMENDATIONS
(R-106)	RELOCATED FITNESS EQUIPMENT (COMBINATION HUB)	REINSTALL COMBINATION HUB FITNESS EQUIPMENT WITH NEW CONCRETE FOOTING(S). CONSULT MANUFACTURER FOR FOOTING RECOMMENDATIONS
(R-107)	RELOCATED ACCESSIBLE CHEST PRESS	REINSTALL SURFACE MOUNT, ACCESSIBLE CHEST PRESS. CONSULT MANUFACTURER FOR FOOTING RECOMMENDATIONS
(R-108)	RELOCATED BALANCE BOARD	REINSTALL BALANCE BOARD FITNESS EQUIPMENT WITH NEW CONCRETE FOOTING. CONSULT MANUFACTURER FOR FOOTING RECOMMENDATIONS
(R-109)	RELOCATED CAPTAINS CHAIR FITNESS EQUIPMENT	REINSTALL CAPTAINS CHAIR WITH NEW CONCRETE FOOTING. CONSULT MANUFACTURER FOR FOOTING RECOMMENDATIONS

RELOCATED EXERCISE EQUIPMENT NOTES:
 A. ALL EXERCISE EQUIPMENT TO BE ANCHORED PER MANUFACTURER'S RECOMMENDATIONS.
 B. CONTRACTOR TO CONSULT GAMETIME (800) 235-2440 FOR GT FIT OUTDOOR FITNESS EQUIPMENT FOOTING & ANCHORING REQUIREMENTS.

CONSTRUCTION NOTES:

- CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DISTRICT LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO A FAILURE TO GIVE SUCH NOTIFICATION.
- WALL AND FENCE LAYOUT SHALL CONFORM TO PROPERTY LINE AND TOP OF SLOPE CONDITIONS. STAKING FOR LOCATION OF WALLS AND FENCES SHALL BE PROVIDED BY THE CIVIL ENGINEER PRIOR TO EXCAVATION OF FOOTINGS.
- ALL FORMS AND ALIGNMENTS OF PAVING, WALL / FENCE LAYOUT, AND SPECIAL PAVING AREAS SHALL BE REVIEWED AND APPROVED BY THE DISTRICT PRIOR TO POURING (GIVE A MINIMUM OF 48 HOURS NOTICE).
- FOR SITE GRADING, SEE CIVIL ENGINEER'S GRADING PLAN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO DAMAGE AND REPLACEMENT OF SAID UTILITIES.
- CONTRACTOR SHALL COORDINATE IRRIGATION SLEEVE LOCATIONS UNDER PAVED AREAS AS REQUIRED. REFER TO IRRIGATION PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH OTHER SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH CONSTRUCTION OPERATIONS AS SHOWN.
- PRIOR TO PLACING CONCRETE, THE CONTRACTOR SHALL SUFFICIENTLY COMPACT THE SUB-GRADE AND PROVIDE SUBSURFACE PREPARATION PER SPECIFICATIONS.
- CONCRETE SURFACES SHALL BE FORMED WITH LONG, SMOOTH GRADIENT TO REDUCE DIPS, ABRUPT CHANGES AND SHARP TRANSITIONS.
- ALL CURVILINEAR WALKS, CURBS, HEADER BOARDS, AND WALLS SHALL HAVE A CONTINUOUS SMOOTH CURVE WHERE APPLICABLE. ALL FORMS MUST BE INSPECTED AND APPROVED PRIOR TO BEGINNING THAT PHASE OF WORK.

BOULDER SCHEDULE:

SYMBOL	SIZE	COLOR AND TYPE
(A)	18" TO 24"	PER AMENITIES SCHEDULE
(B)	24" TO 30"	PER AMENITIES SCHEDULE
(C)	30" TO 36"	PER AMENITIES SCHEDULE
(D)	36" TO 48"	PER AMENITIES SCHEDULE

PLAN CROSS REFERENCES:
 FOR CONSTRUCTION DETAILS, SEE SHEETS L-3.3 & L-3.4

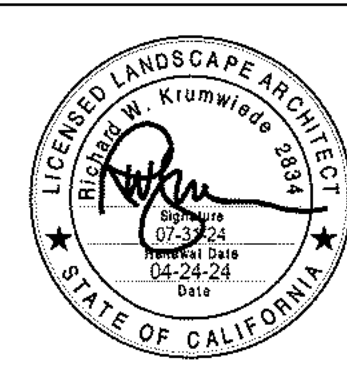
L-3.0


UNDERGROUND SERVICE ALERT

 Call: TOLL FREE
 1-800-227-2600
 OR
 811
 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 ELEVATION DETERMINED FROM CORS CONTROL SITES. POINT #1 (RTK BASE) - SET S/W SBCo (RP) IN AC DIKE. NAVD-88 ELEV = 5262.942'

BASIS OF BEARINGS:
 CCS83 ZONE 5, NAD83(2011), EPOCH 2010.0



COMPANY ADDRESS AND LOGO

 ARCHITERRA DESIGN GROUP
 LANDSCAPE ARCHITECTURE AND PLANNING
 1025 N. FRANKLIN ST. RANCHO SACRAMENTO, CALIFORNIA 95833 PH: (916) 480-0900
 PREPARED UNDER THE SUPERVISION OF:
 RICHARD W. KRUMWIEDE 2834 04-24-24
 PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. NO. DATE

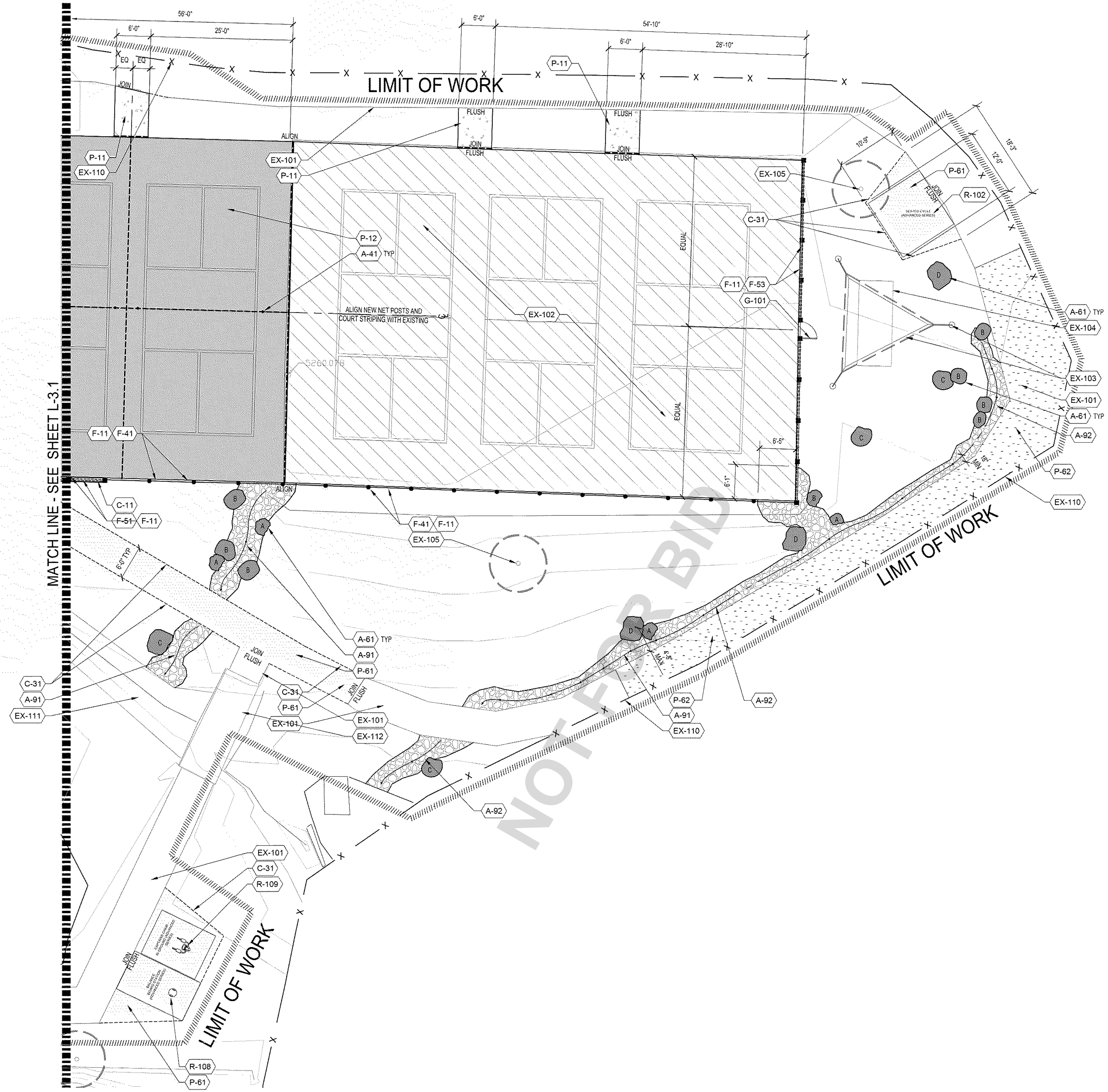
REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

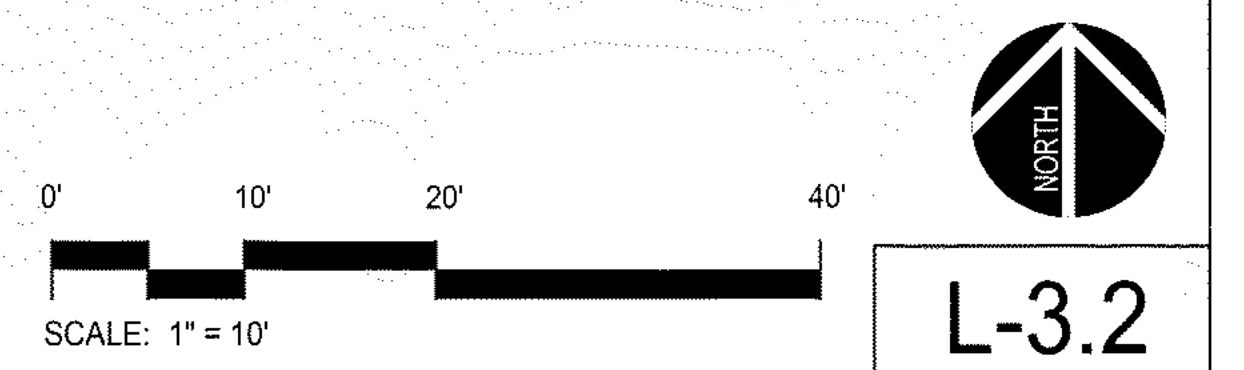
ASSISTANT DIRECTOR	DATE
PROJECT MANAGER	INITIAL DATE
OPS. DIVISION MANAGER	Henry Mac
PM. DIVISION MANAGER	

IMPROVEMENT PLANS
MACKAY RECREATION PARK
PICKLEBALL COURTS
LAKE ARROWHEAD
CONSTRUCTION NOTES AND LEGENDS

DWG NO. 3620.0009, 30.30.0165
 FILE NO. -
 SHEET 6 OF 10



PLAN CROSS REFERENCES:
 FOR NOTES AND LEGENDS, SEE SHEET L-3.0
 FOR CONSTRUCTION DETAILS, SEE SHEETS L-3.3 & L-3.4
 FOR CORRESPONDING DEMOLITION PLAN SEE SHEET L-1.2
 FOR CORRESPONDING GRADING PLAN, SEE SHEET L-2.2



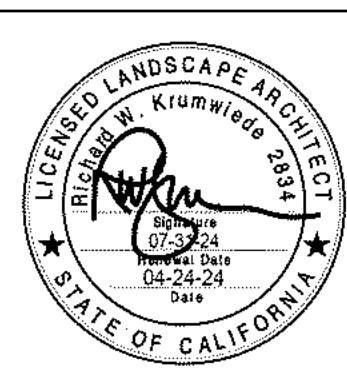
L-3.2

UNDERGROUND SERVICE ALERT

 Call: TOLL FREE
 1-800-227-2600
 OR
 811
 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 ELEVATION DETERMINED FROM CORNS
 CONTROL SITES. POINT #1 (RTK BASE)
 - SET S/W SBCo (RP) IN AC DIKE.
 NAVD-88 ELEV = 5262.942'

BASIS OF BEARINGS:
 CCS83 ZONE 5, NAD83(2011),
 EPOCH 2010.0



COMPANY ADDRESS AND LOGO

 ARCHITERRA
 DESIGN GROUP
 LANDSCAPE ARCHITECTURE AND PLANNING
 1321 W. TRINIDAD ST., RANCHO SUCROS, CALIFORNIA 91739-9111 (909) 489-3502
 PREPARED UNDER THE SUPERVISION OF:
 RICHARD W. KRUMWIEDE 2834 04-24-24
 PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. No. DATE

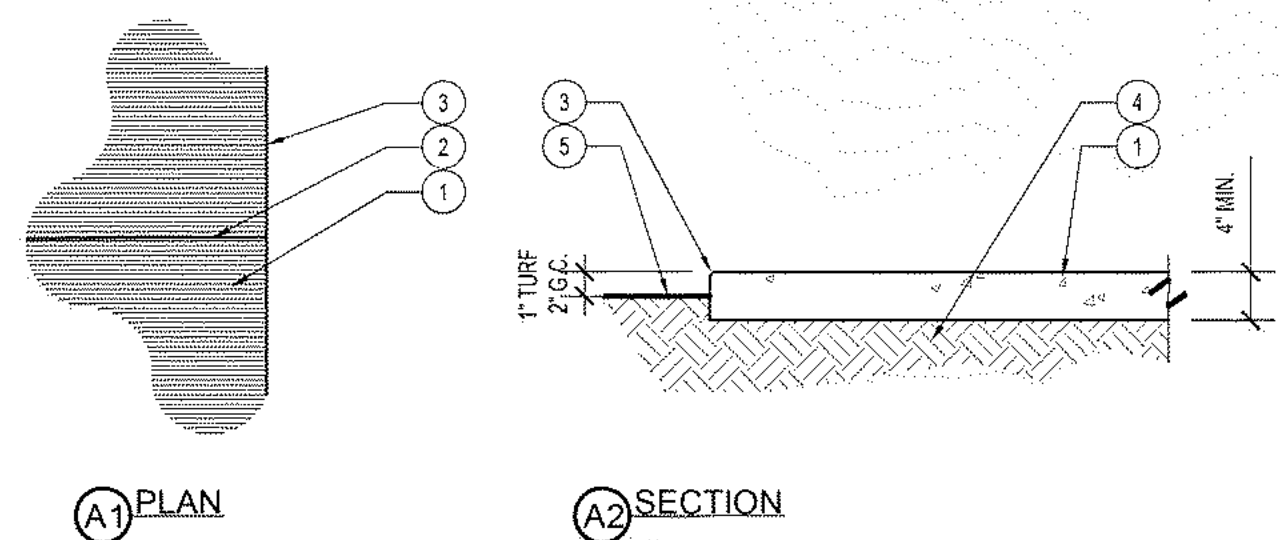
REVISIONS				
MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE

PLANS APPROVED BY:
 SAN BERNARDINO COUNTY - PUBLIC WORKS
 SPECIAL DISTRICTS

APPROVALS	ASSISTANT DIRECTOR		DATE	
	PROJECT MANAGER	INITIAL	DATE	DATE

IMPROVEMENT PLANS
 MACKAY RECREATION PARK
 PICKLEBALL COURTS
 LAKE ARROWHEAD
 CONSTRUCTION PLAN 2

DWG NO.
 3620.0009,
 30.30.0165
 FILE NO.
 -
 SHEET 8 OF 10



- LEGEND:**
- CONCRETE PAVING, 4" MIN. THICKNESS. RUN MEDIUM-BROOM FINISH PERPENDICULAR TO EDGE OF CONCRETE / PATH OF TRAVEL.
 - 1" DEEP CONTROL JOINT. SEE CONSTRUCTION PLAN FOR LAYOUT, 5'-0" O.C. MAX.
 - EDGE OF PAVING - 1/2" RADIUS ALONG ALL EXPOSED EDGES.
 - COMPACT SUB-GRADE TO 90% RELATIVE COMPACTION UNDER PAVEMENT.
 - FINISH GRADE AT ADJACENT PLANTING AREA.

REINFORCEMENT NOTE:
#3 REBAR REINFORCING BARS PLACED 18" O.C. IN BOTH DIRECTIONS, CENTERED IN SLAB

NOTES:

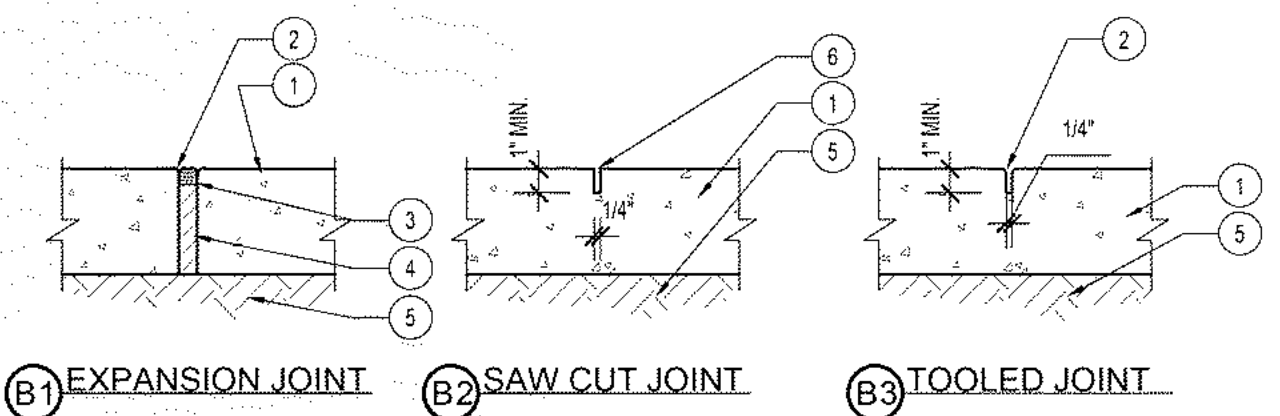
A. CONTRACTOR SHALL POUR AND FINISH A 2' x 2' SAMPLE OF EACH TYPE OF FINISH FOR APPROVAL BY OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT.

B. FOR DRIVEWAY THICKNESS, REFER TO CIVIL ENGINEER'S PLANS AND GEOTECHNICAL REPORT.

C. CONCRETE REINFORCEMENT PER GEOTECHNICAL REPORT.

A PEDESTRIAN CONCRETE PAVING W/ BROOM FINISH

SCALE: 3/4" = 1'-0"
REFERENCE NUMBER: P-11
S-CONST-PAV-CONC-01



- LEGEND:**
- CONCRETE PAVING PER PLAN.
 - HAND TOOLED JOINT w/ 1/4" TOOLED RADIUS.
 - POLYURETHANE WATERPROOF SEALANT, COLOR TO MATCH PAVING. SUBMIT COLOR SAMPLES PRIOR TO INSTALLATION.
 - 1/2" EXPANSION JOINT w/ TEAR-AWAY TOP. SEE SPECIFICATIONS.
 - COMPACTED SUB-GRADE PER SOIL REPORT.
 - MACHINE SAW CUT JOINT, 1" DEEP MINIMUM.

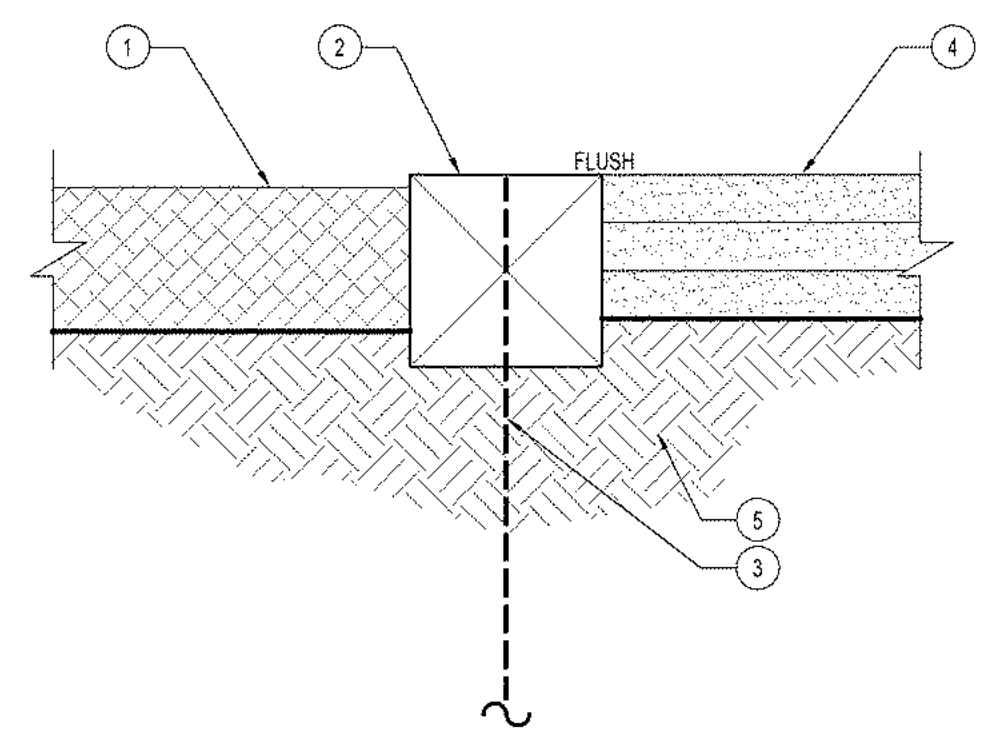
NOTES:

A. EXPANSION JOINTS SHALL BE PLACED A MAXIMUM OF 20' APART UNLESS OTHERWISE NOTED ON PLAN.

B. PLACE EXPANSION JOINTS AT ALL ADJUTMENTS ADJACENT TO FOUNDATIONS AND SEGMENTED AREAS OF CONCRETE AND AS SHOWN ON PLAN.

B CONCRETE EXPANSION & CONTROL JOINTS

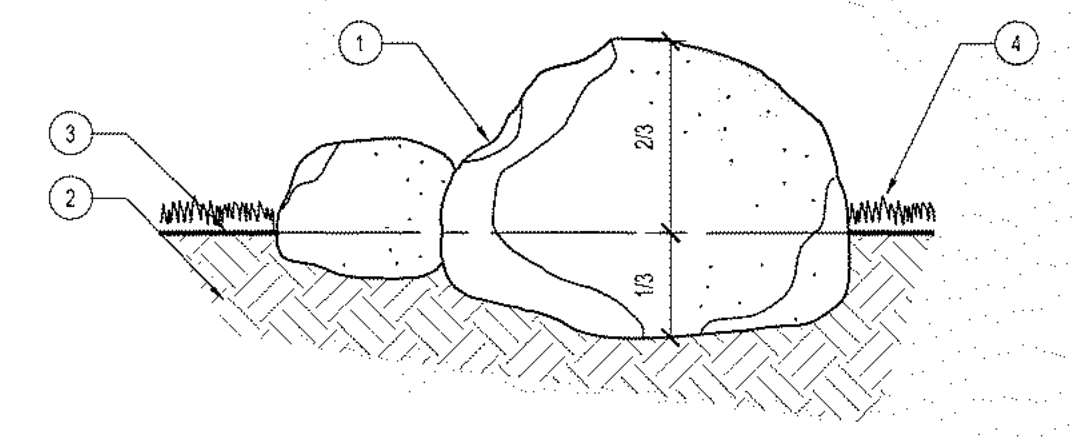
SCALE: 1 1/2" = 1'-0"
REFERENCE NUMBER:
S-CONST-PAV-CONC-02



- LEGEND:**
- FINISH GRADE / ADJACENT PLANTING AREA WITH MULCH OR TURF AREA.
 - 4" x 4" PRESSURE-TREATED WOOD HEADER.
 - #5 REBAR DOWEL, 24" LONG. INSTALL IN NEW HEADER @ 4" O.C. AND 12" MIN. FROM ENDS.
 - 3" THICK LAYER OF STABILIZED DECOMPOSED GRANITE PER CONSTRUCTION PLAN. INSTALL AND COMPACT IN 1" LAYERS. SHEET FLOW ACROSS TRAIL, PER GRADING PLANS.
 - COMPACTED NATIVE SUB-GRADE.

C D.G. WITH 4" x 4" WOOD EDGING

SCALE: 3" = 1'-0"
REFERENCE NUMBER: C-31, P-61
S-CONST-CURB-EDGE-19



- LEGEND:**
- BOULDER PER CONSTRUCTION PLAN. RECESS AT LEAST 1/3 OF BOULDER DEPTH INTO SUB-GRADE AS SHOWN.
 - COMPACTED SUB-GRADE.
 - FINISH GRADE.
 - ADJACENT PLANTER AREA WITH MULCH LAYER PER PLANTING PLAN.

NOTES:

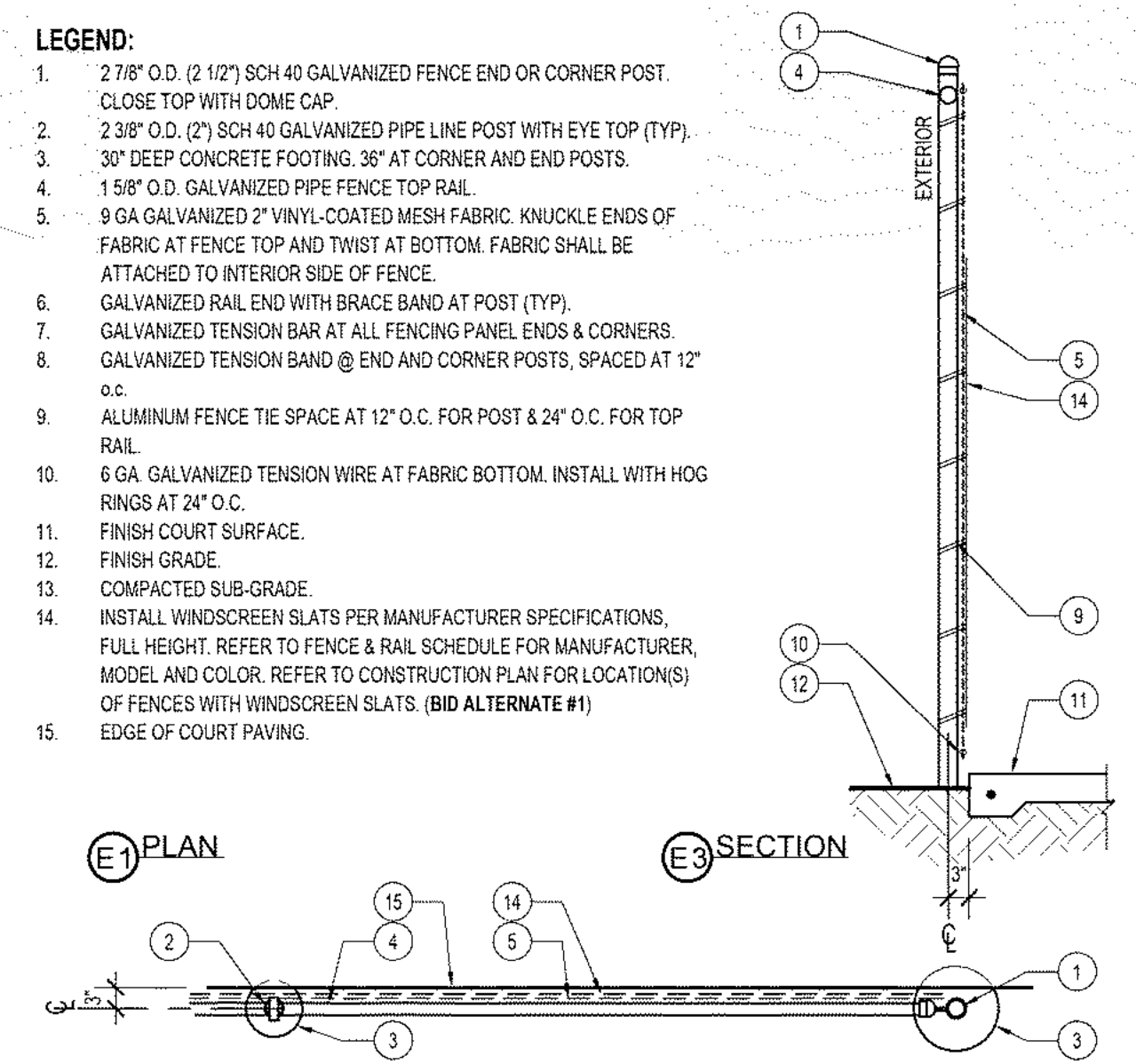
A. LANDSCAPE ARCHITECT TO APPROVE BOULDERS AND SPOT LOCATIONS PRIOR TO INSTALLATION

BOULDER NOTE:
REFER BOULDER SCHEDULE ON SHEET L-3.0 FOR SIZES

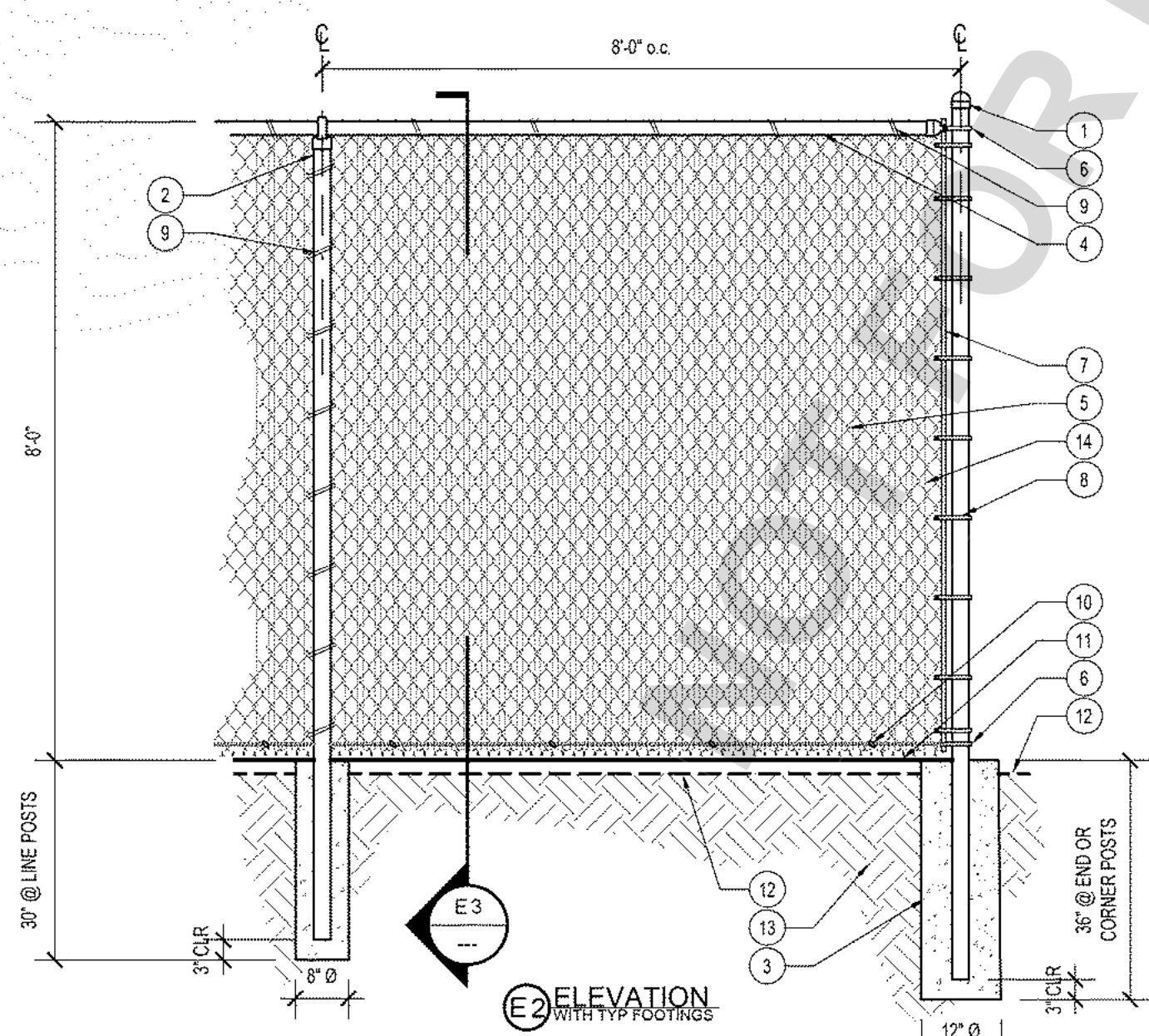
D LANDSCAPE BOULDER

SCALE: 1" = 1'-0"
REFERENCE NUMBER: A-61
S-CONST-SA-BLDR-02

BID ALTERNATE #2



- LEGEND:**
- 2 7/8" O.D. (2 1/2") SCH 40 GALVANIZED FENCE END OR CORNER POST. CLOSE TOP WITH DOME CAP.
 - 2 3/8" O.D. (2") SCH 40 GALVANIZED PIPE LINE POST WITH EYE TOP (TYP).
 - 30" DEEP CONCRETE FOOTING. 36" AT CORNER AND END POSTS.
 - 1 5/8" O.D. GALVANIZED PIPE FENCE TOP RAIL.
 - 9 GA GALVANIZED 2" VINYL-COATED MESH FABRIC. KNUCKLE ENDS OF FABRIC AT FENCE TOP AND TWIST AT BOTTOM. FABRIC SHALL BE ATTACHED TO INTERIOR SIDE OF FENCE.
 - GALVANIZED RAIL END WITH BRACE BAND AT POST (TYP).
 - GALVANIZED TENSION BAR AT ALL FENCING PANEL ENDS & CORNERS.
 - GALVANIZED TENSION BAND @ END AND CORNER POSTS, SPACED AT 12" O.C.
 - ALUMINUM FENCE TIE SPACE AT 12" O.C. FOR POST & 24" O.C. FOR TOP RAIL.
 - 9 GA GALVANIZED TENSION WIRE AT FABRIC BOTTOM. INSTALL WITH HOG RINGS AT 24" O.C.
 - FINISH COURT SURFACE.
 - FINISH GRADE.
 - COMPACTED SUB-GRADE.
 - INSTALL WINDSCREEN SLATS PER MANUFACTURER SPECIFICATIONS, FULL HEIGHT. REFER TO FENCE & RAIL SCHEDULE FOR MANUFACTURER, MODEL AND COLOR. REFER TO CONSTRUCTION PLAN FOR LOCATION(S) OF FENCES WITH WINDSCREEN SLATS. (BID ALTERNATE #1)
 - EDGE OF COURT PAVING.

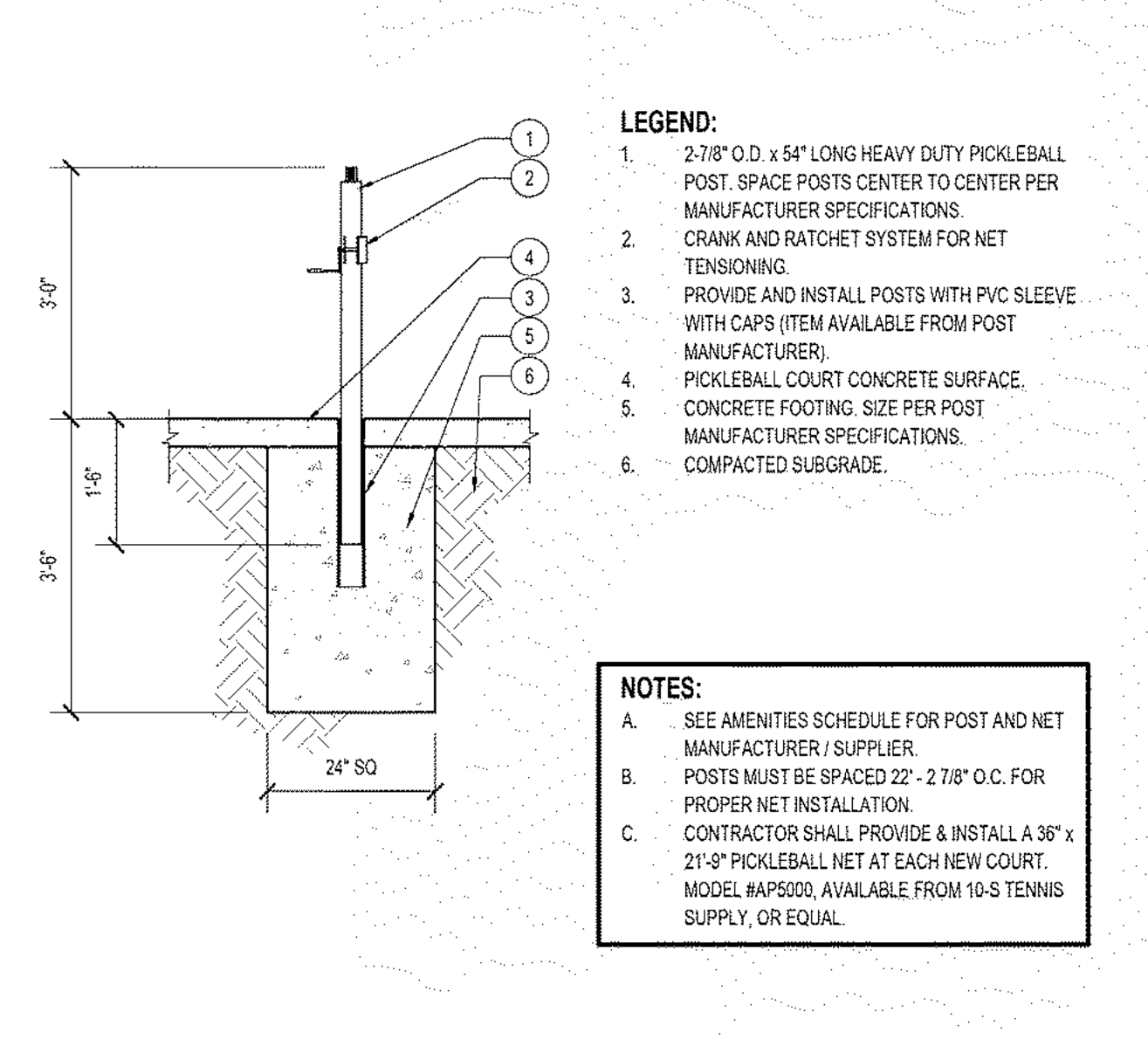


- LEGEND:**
- 2 3/8" DIA. GALVANIZED FENCE / GATE POST.
 - CONCRETE FOOTING (TYP).
 - 1 5/8" O.D. GALVANIZED PIPE GATE FRAME WITH WELDED MITERED CORNERS.
 - VINYL-COATED 9 GA. 2" CHAINLINK MESH FABRIC. KNUCKLE ENDS OF FABRIC @ FENCE TOP.
 - ADJACENT CHAINLINK FENCE. SEE DETAIL E, THIS SHEET.
 - GALVANIZED FENCE TIE @ 18" O.C.
 - ADJACENT PAVING PER CONSTRUCTION PLAN.
 - 90% MIN. COMPACTED SUBGRADE.
 - PNEUMATIC FULL BACK, GATE HINGE (2) REQUIRED.
 - ADA-COMPLIANT GATE LATCH FOR CHAIN LINK GATES MUST MEET ADA CODE REQUIREMENTS.
 - FINISH GRADE.
 - INSTALL VERTICAL WINDSCREEN SLATS PER MANUFACTURER SPECIFICATIONS, FULL HEIGHT. REFER TO FENCE & RAIL SCHEDULE FOR SLAT MANUFACTURER, MODEL AND COLOR.
 - 18" THICK x 12" HIGH x GATE WIDTH SOLID GALVANIZED STEEL, KICK PLATE, WELD TO GATE FRAME, BOTH SIDES.

BID ALTERNATE #1
(WHERE SHOWN ON PLAN)

F 4'-0" WIDE CHAIN LINK GATE

SCALE: 1/2" = 1'-0"
REFERENCE NUMBER: G-101
S-CONST-FENCE-CL-29



- LEGEND:**
- 2 7/8" O.D. x 5' LONG HEAVY DUTY PICKLEBALL POST. SPACE POSTS CENTER TO CENTER PER MANUFACTURER SPECIFICATIONS.
 - CRANK AND RATCHET SYSTEM FOR NET TENSIONING.
 - PROVIDE AND INSTALL POSTS WITH PVC SLEEVE WITH CAPS (ITEM AVAILABLE FROM POST MANUFACTURER).
 - PICKLEBALL COURT CONCRETE SURFACE.
 - CONCRETE FOOTING. SIZE PER POST MANUFACTURER SPECIFICATIONS.
 - COMPACTED SUBGRADE.

NOTES:

A. SEE AMENITIES SCHEDULE FOR POST AND NET MANUFACTURER / SUPPLIER.

B. POSTS MUST BE SPACED 22'-2 7/8" O.C. FOR PROPER NET INSTALLATION.

C. CONTRACTOR SHALL PROVIDE & INSTALL A 36" x 21'-8" PICKLEBALL NET AT EACH NEW COURT. MODEL #AP5000, AVAILABLE FROM 10-S TENNIS SUPPLY, OR EQUAL.

G PICKLEBALL NET POST

SCALE: 1/2" = 1'-0"
REFERENCE NUMBER:
P-MA1-03

UNDERGROUND SERVICE ALERT

Call: TOLL FREE
1-800-227-2600
OR
811

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
ELEVATION DETERMINED FROM CORS CONTROL SITES. POINT #1 (RTK BASE) - SET S/W SBCo (RP) IN AC DIKE. NAVD-88 ELEV = 5262.942'

BASIS OF BEARINGS:
CCS83 ZONE 5, NAD83(2011), EPOCH 2010.0

COMPANY ADDRESS AND LOGO

ARCHITERRA DESIGN GROUP
LANDSCAPE ARCHITECTURE AND PLANNING
1321 N. TRIDEMARK CT., HAYWARD, CALIFORNIA 94541-9122
949-250-0000

PREPARED UNDER THE SUPERVISION OF:
RICHARD W. KRUMWIEDE 2834 04-24-24
PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. No. DATE

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

ASSISTANT DIRECTOR

APPROVALS	PROJECT MANAGER	DATE	
		INITIAL	DATE
	OPS, DIVISION MANAGER	Henry Mac	
	PM, DIVISION MANAGER		

IMPROVEMENT PLANS

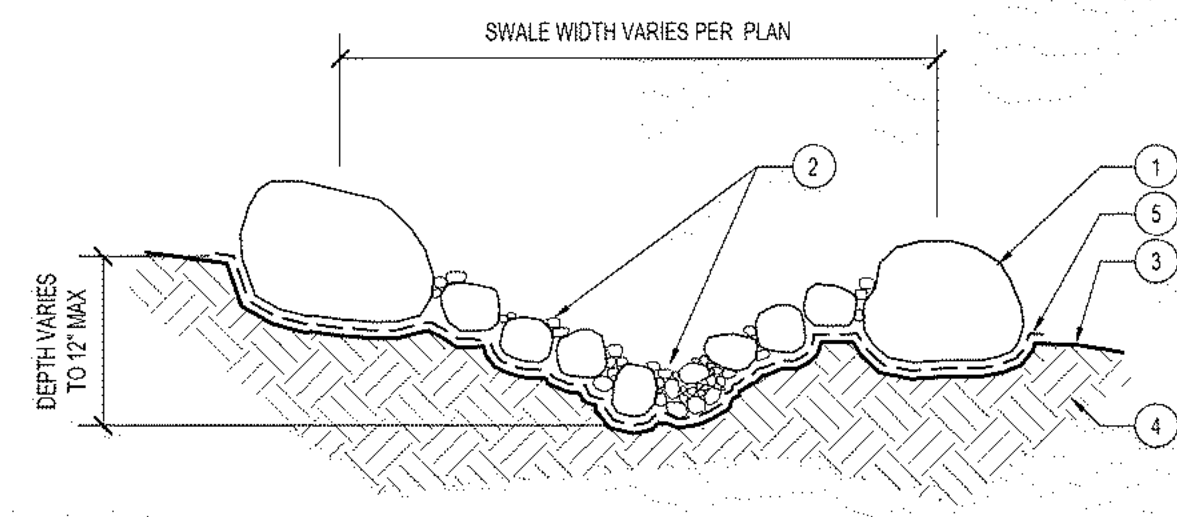
MACKAY RECREATION PARK
PICKLEBALL COURTS
LAKE ARROWHEAD
CONSTRUCTION DETAILS 1

L-3.3

DWG NO.
3620.0009,
30.30.0165

FILE NO.
-

SHEET 9 OF 10



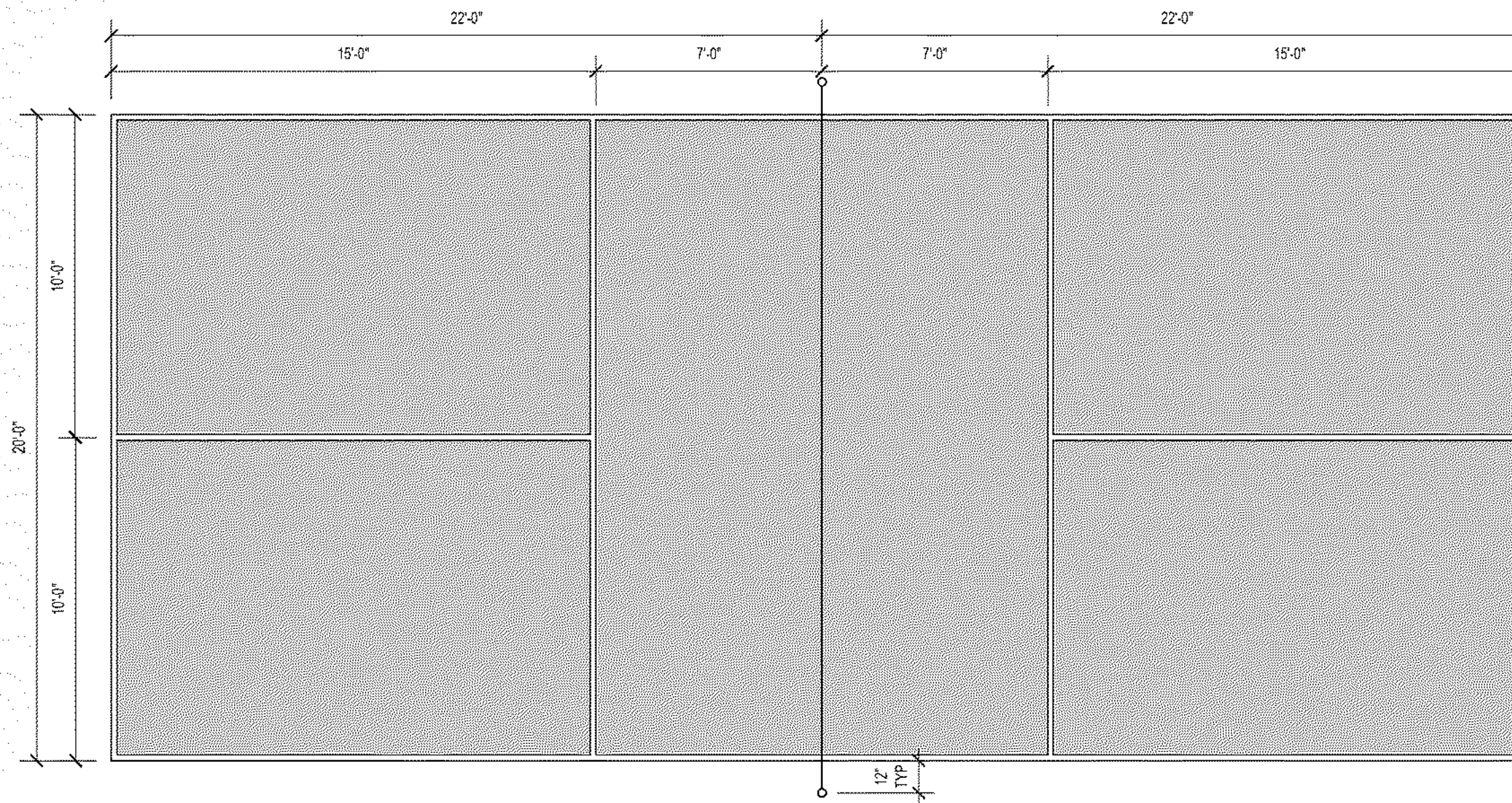
LEGEND:

1. LANDSCAPE BOULDERS WHERE OCCUR PER CONSTRUCTION PLAN. SIZE PER PLAN.
2. SWALE SLOPE WITH COBBLE, 50% 4" TO 8" SIZE, AND 50% SMALLER AGGREGATE (1/2" TO 2") PER CONSTRUCTION SCHEDULE. MIX SIZES TO AVOID UNIFORMITY OF MASSES. COVER FABRIC BELOW.
3. FINISH GRADE.
4. NATIVE SUBGRADE.
5. MIRAF FILTER FABRIC.

A COBBLE DRY SWALE

SCALE: 1" = 1'-0"
REFERENCE NUMBER:

S-GRA-GRA-SWAL-10

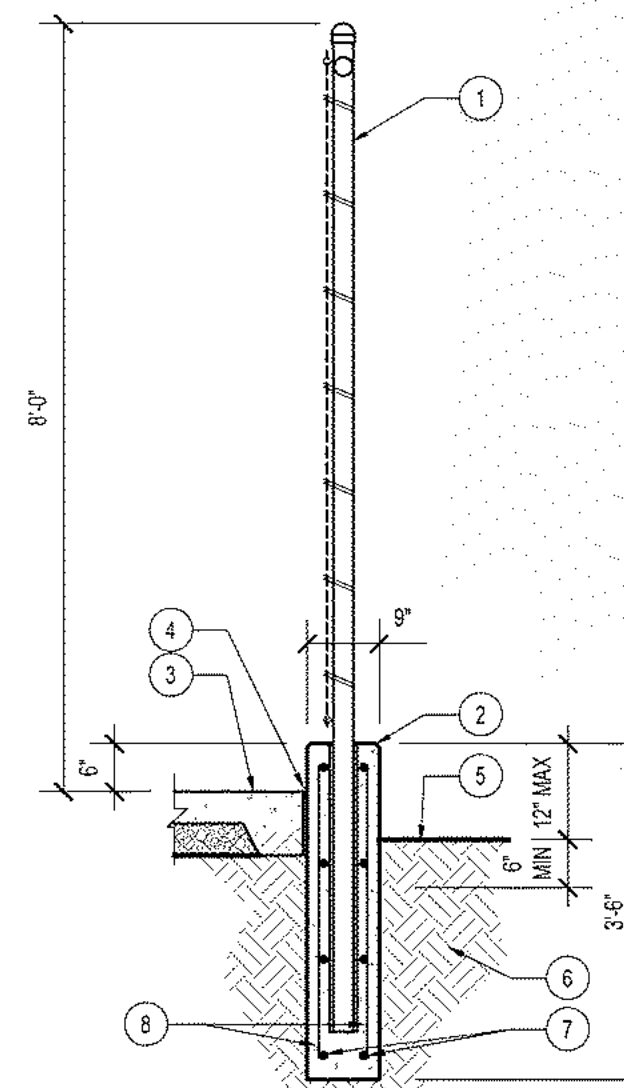


B PICKLEBALL COURT LAYOUT

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

P-MA1-02

- NOTES:**
- COURT LAYOUT CONFORMS TO USA PICKLEBALL DIMENSIONS, WITH 2" WIDE WHITE PAINTED LINES.
 - COURT INTERIOR SHALL BE PAINTED WITH LATEXITE "PLUSH" ACRYLIC, HIGH PERFORMANCE, NON-FADING RECREATIONAL COATINGS AVAILABLE FROM LOCAL DISTRIBUTOR. COLOR "BLUE".
 - COURT PERIMETER AREAS SHALL BE PAINTED WITH LATEXITE "LIGHT GREEN". REFER TO CONSTRUCTION PLAN, SHEET L-1.1, FOR COURT PERIMETER DIMENSIONS TO EDGE OF PAVING / FENCING.
 - MIX AND APPLY COATINGS PER MANUFACTURER SPECIFICATIONS. REFER TO DETAIL G, SHEET L-3.3 FOR POST / NET INSTALLATION.

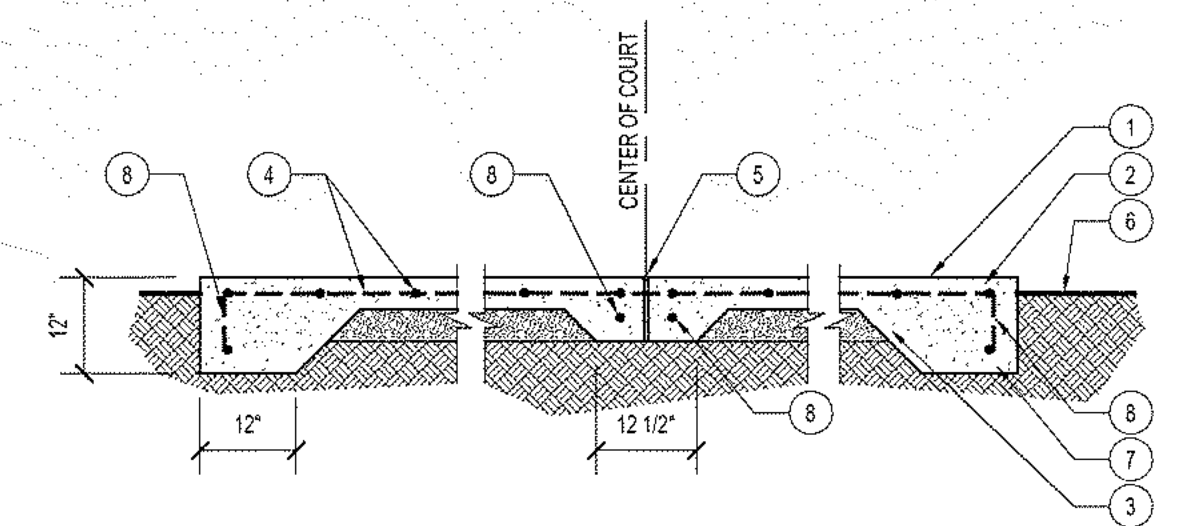


- LEGEND:**
1. 8'-0" HIGH CHAIN LINK FENCE WITH GALVANIZED POST, MESH FABRIC AND WINDSCREEN SLATS PER DETAIL THIS SHEET.
 2. NATURAL GREY COLOR, POURED-IN-PLACE CONCRETE RETAINING CURB WITH 1/2" CHAMFER ALONG TOP EDGES. DEEPENED AT FENCE POSTS PER DETAIL THIS SHEET.
 3. FINISH COURT SURFACE.
 4. 1/2" THICK, FULL-DEPTH EXPANSION JOINT WITH WATERPROOF SEALANT.
 5. FINISH GRADE OR FINISH DECOMPOSED GRANITE SURFACE WHERE OCCURS PER PLAN.
 6. COMPACTED SUB-GRADE.
 7. #3 HORIZONTAL CONTINUOUS REBAR AT 12" O.C.
 8. #3 VERTICAL REBAR AT 24" O.C.

NOTE:
ALL CHAINLINK SHALL BE GREEN VINYL-COATED GALVANIZED STEEL FABRIC.

BID ALTERNATE NOTE:
SLAT WINDSCREEN IS A BID ALTERNATE ITEM ONLY. REFER TO CONSTRUCTION PLAN FOR FENCE LOCATIONS OF FENCE WITH SLAT WINDSCREEN.

BID ALTERNATE #1
(WHERE SHOWN ON PLAN)



LEGEND:

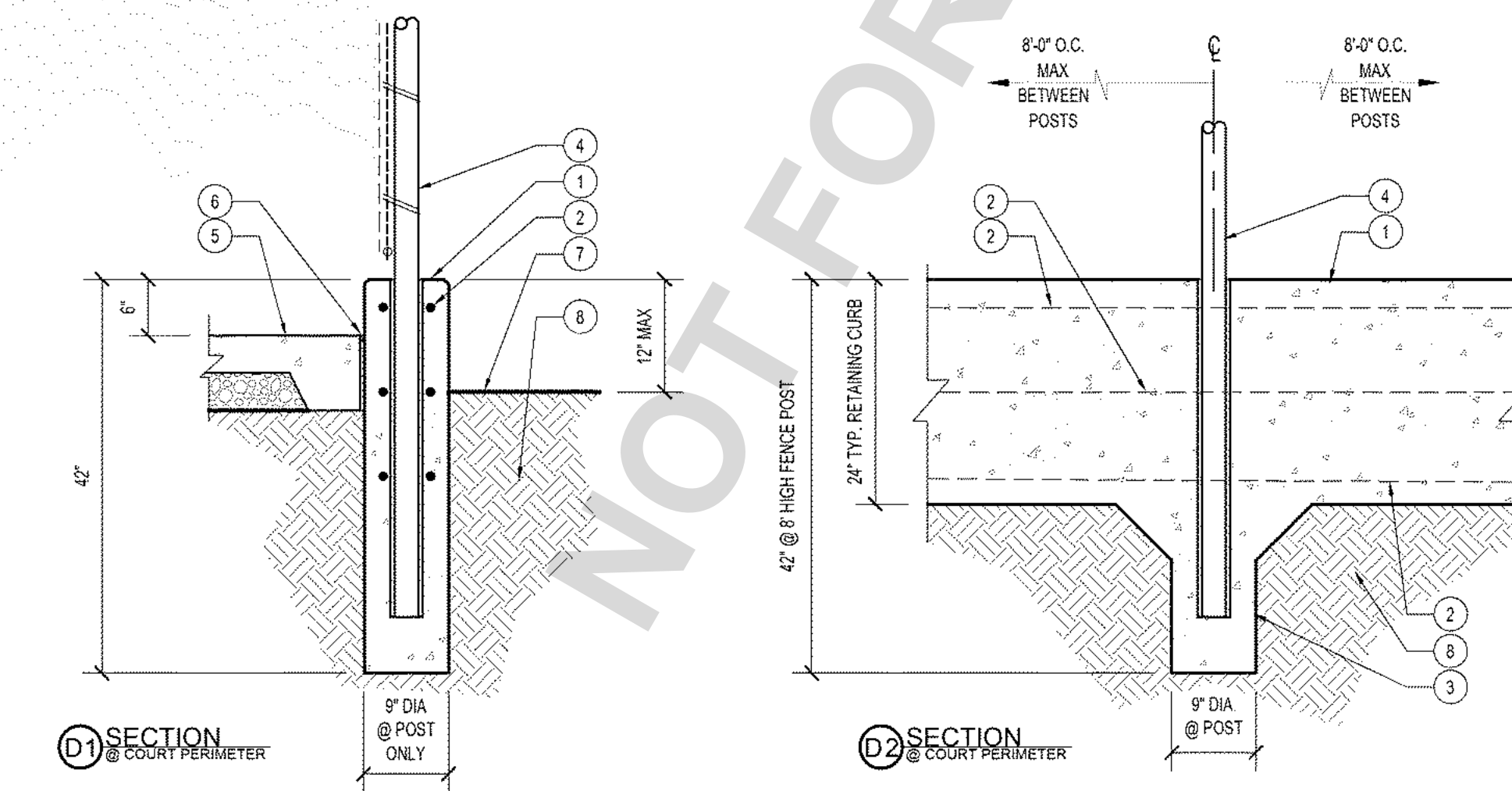
1. RECREATIONAL SURFACE COATING - LATEXITE "PLUSH" OR APPROVED EQUAL. COLORS AND LAYOUT PER PLAN.
2. 4" THICK CONCRETE COURT. DEEPENED AT EDGES. ETCH AND PRIME SURFACE PER FINISH COATING MANUFACTURER SPECIFICATIONS.
3. 4" DEEP LAYER OF 3/4" CRUSHED AGGREGATE BASE.
4. #3 REBAR @ 12" O.C. BOTH WAYS. HOLD 3" CLEAR OF COURT EDGES.
5. 1/2" THICK, FULL-DEPTH EXPANSION JOINT WITH WATERPROOF SEALANT AT MID-COURT.
6. FINISH GRADE.
7. COMPACTED SUBGRADE PER GEOTECHNICAL REPORT.
8. (2) #4 REBAR CONTINUOUS, AT COURT PERIMETER AND CENTER.

NOTE:
REFER TO CONSTRUCTION PLAN FOR COURT STRIPING AND COLOR(S) LAYOUT.

C CONCRETE PICKLEBALL COURT

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

S-CONST-PAV-CONC-56



LEGEND:

1. 9" WIDE NATURAL GREY COLOR, POURED-IN-PLACE CONCRETE CURBS WITH 1/2" CHAMFER ALONG TOP EDGES. PROVIDE VERTICAL CONTROL JOINTS @ 5'-0" O.C.
2. (2) #4 REBAR, CONTINUOUS HORIZONTAL @ 12" O.C. DEEPENED CONCRETE WHERE POST FOR 8'-0" HIGH FENCE OCCURS.
3. FENCE POST 8'-0" O.C. MAX, WITH PVC SLEEVE AND NON-SHRINK GROUT.
4. ADJACENT COURT PAVING, DEEPENED ALONG EDGE.
5. 1/2" THICK, FULL-DEPTH EXPANSION JOINT WITH WATERPROOF SEALANT.
6. FINISH GRADE.
7. COMPACTED SUBGRADE.

D CONCRETE RETAINING CURB SECTIONS

SCALE: 3/4" = 1'-0"
REFERENCE NUMBER: C-11

P-MA1-01

E 8'-0" HIGH CHAIN LINK FENCE @ CONC. RETAINING CURB

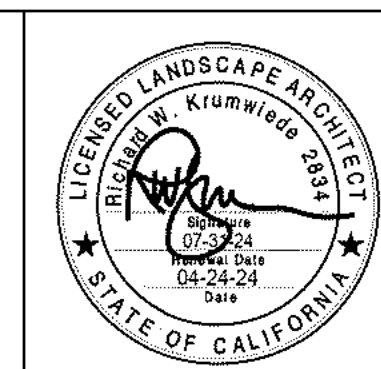
SCALE: 1/2" = 1'-0"
REFERENCE NUMBER: F-51, F-52

S-CONST-FENCE-CL-30



BENCHMARK:
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BASIS OF BEARINGS:
CCS83 ZONE 5, NAD83(2011), EPOCH 2010.0



COMPANY ADDRESS AND LOGO:
ARCHITERRA DESIGN GROUP
LANDSCAPE ARCHITECTURE AND PLANNING
1221 N. TRINIDAD AVE., SUITE 100, SAN ANTONIO, CA 94203
PREPARED UNDER THE SUPERVISION OF:
RICHARD W. KRUMWIEDE 2834 04-24-24
PROFESSIONAL LANDSCAPE ARCHITECT R.L.E. NO. DATE

REVISIONS					
MARK	DATE	INITIAL	DESCRIPTION	APPR.	DATE

PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

ASSISTANT DIRECTOR		DATE	
PROJECT MANAGER	INITIAL	DATE	
OPS. DIVISION MANAGER	Henry Mac		
PM, DIVISION MANAGER			

IMPROVEMENT PLANS
MACKAY RECREATION PARK
PICKLEBALL COURTS
LAKE ARROWHEAD
CONSTRUCTION DETAILS 2

DWG NO. 3620.0009, 30.30.0165
FILE NO. -
SHEET 10 OF 10

L-3.4