

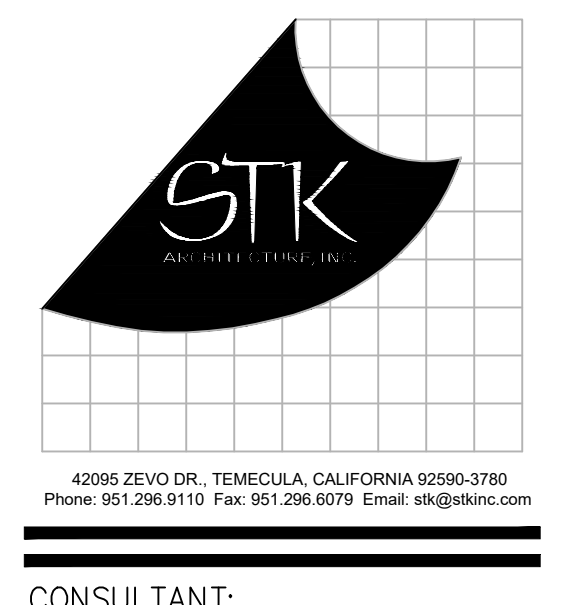
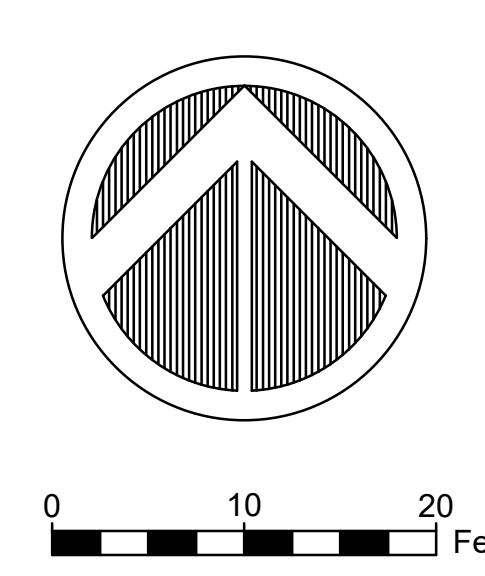
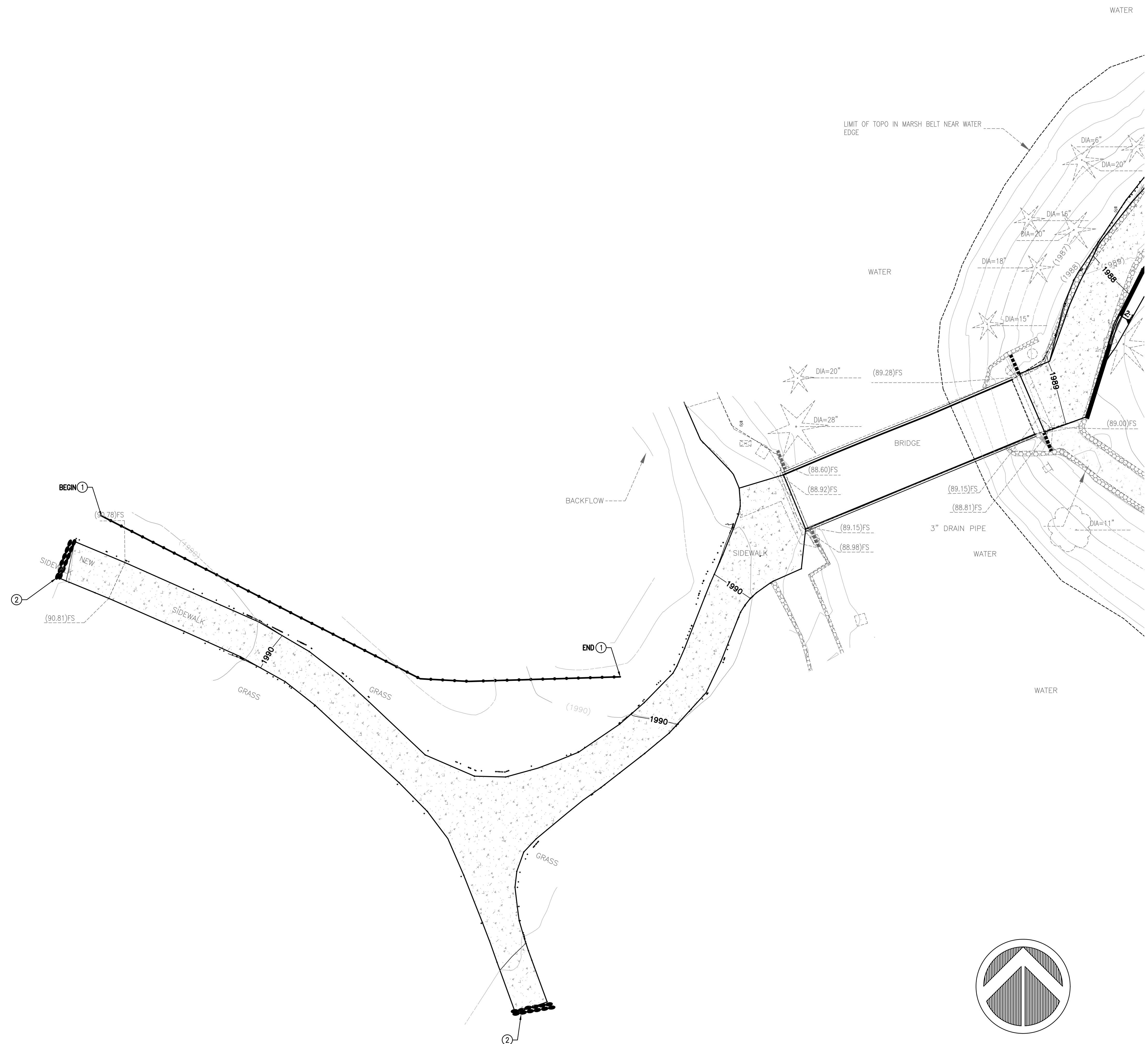
EROSION CONTROL CONSTRUCTION NOTES

1 SILT FENCE (SC-1).
 2 SANDBAG BARRIER (SC-8).

LEGEND

FIBER ROLL
 FLOW PATH
 SAND BAGS

- EROSION CONTROL NOTES**
- ALL RUNOFF SHALL BE FILTERED PRIOR TO DISCHARGING FROM A SITE OR TO ANY TYPE OF PRIVATE OR PUBLIC STORM WATER CONVEYANCE SYSTEM (NATURAL WATERCOURSES, STREETS, GUTTERS, CONCRETE-LINED V-DITCHES, STORM DRAINS, FLOW-LINES, INLETS, OUTLETS, ETC.). ALL NON-PERMITTED DISCHARGES ARE PROHIBITED FROM ENTERING ANY STORM WATER CONVEYANCE SYSTEM YEAR-ROUND.
 - YEAR-ROUND POLLUTION PREVENTION MEASURES, ALSO KNOWN AS BEST MANAGEMENT PRACTICES (BMP'S), MUST BE INSTALLED PRIOR TO ANY FIELD ACTIVITIES. BMP HANDBOOKS CAN BE DOWNLOADED AT WWW.CABMPHANBOOKS.COM. ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE INSTALLED AND MAINTAINED PRIOR TO AND THROUGHOUT EACH RAINY SEASON. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR ESC MEASURES THROUGHOUT THE DURATION OF THE PROJECT FOR ALL CLEARING, DISKING, GRADING, EXCAVATING AND STOCKPILING ACTIVITIES, AND ON ALL EXPOSED SLOPES AND INACTIVE PADS THROUGHOUT THE ENTIRE SITE. THE DEVELOPER/CONTRACTOR IS ALSO RESPONSIBLE FOR ANY DISCHARGES AND SUBCONTRACTORS.
 - ADDITIONAL ESC MATERIALS SHALL BE STOCKPILED AT VARIOUS LOCATIONS THROUGHOUT THE SITE FOR IMMEDIATE USE WITHIN SEVEN DAYS PRIOR TO ANY FORECAST RAIN. IN EMERGENCY SITUATIONS, THE DEVELOPER/CONTRACTOR SHALL IMMEDIATELY MAKE EQUIPMENT AND WORKERS AVAILABLE TO PROTECT THE SITE.
 - ALL ESC MATERIALS SHALL BE INSPECTED, RESTORED, REPAIRED OR MODIFIED YEAR-ROUND THROUGHOUT THE SITE TO PROTECT PERIMETERS, ADJACENT PROPERTIES, ENVIRONMENTALLY SENSITIVE AREAS AND ALL PRIVATE/PUBLIC STORM WATER CONVEYANCE SYSTEMS. IF ANY EROSION OR SEDIMENT CONTROLS FAIL DURING ANY RAIN EVENT, MORE EFFECTIVE ONES WILL BE REQUIRED IN THEIR PLACE.
 - EROSION CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, APPLYING AND ESTABLISHING VEGETATIVE COVER, WOOD MULCH, STAPLES OR PINNED BLANKETS (STRAW COCOMAT OR OTHER), PLASTIC SHEETING (MINIMUM 10-MIL), POLYPROPYLENE MATS, SPRAY-ON CONTROLS TO ALL DISTURBED AREAS OR OTHER MEASURES APPROVED. JUTE NETTING SHALL NOT BE USED AS A STAND-ALONE EROSION CONTROL FOR SLOPES GREATER THAN 4:1. PROVIDE FIBER ROLLS AND EITHER A BONDED FIBER MATRIX PRODUCT APPLIED TO A RATE OF 1500 LB/ACRE OR A STABILIZED FIBER MATRIX PRODUCT APPLIED TO A RATE OF 10 GAL/ACRE.
 - SEDIMENT CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO: DESILTING BASINS, GRADED BERMS, FIBER ROLLS, SILT FENCES, GRAVEL BAG CHEVRONS (FILLED WITH MINIMUM 1/2 GRAVEL), CHECK DAMS, DRAINAGE INLET PROTECTION, ETC. FIBER ROLLS SHALL BE INSTALLED ALONG THE FACE OF THE SLOPE. THE SIZE AND SPACING IS DETERMINED BY THE SOIL TYPE, SLOPE STEEPNESS, DESIGN RAINFALL INTENSITY, AND SIZE OF AREA PROTECTED. SILT FENCE SHALL BE INSTALLED ALONG INTERIOR STREETS AND COMBINED WITH GRAVEL-BAG OR SILT FENCE CHEVRONS INSIDE THE SIDEWALK RIGHT-OF-WAY OR BACK OF CURBS.
 - IF THE PROJECT DISTURBS, EXPOSES OR STOCKPILES ONE ACRE OR MORE OF SOIL, THE SITE MUST BE COVERED UNDER THE STATE CONSTRUCTION GENERAL PERMIT. A WASTE DISCHARGE IDENTIFICATION (WID) NUMBER, A RISK LEVEL DETERMINATION NUMBER AND THE QUALIFIED "STORM WATER POLLUTION PREVENTION PLAN" (SWPPP) DEVELOPER (QSD) SHALL BE PROVIDED PRIOR TO ISSUANCE OF A GRADING PERMIT. A SWPPP SHALL BE IMPLEMENTED THROUGHOUT THE DURATION OF THE PROJECT AND SHALL BE READILY AVAILABLE AND STATE INSPECTORS AND UPDATED TO REFLECT CURRENT SITE CONDITIONS DURING CONSTRUCTION. THE CONSTRUCTION PERMIT CAN BE DOWNLOADED AT WWW.WATERBOARDS.CA.GOV/WATER_ISSUES/PROGRAMS/STORMWATER/CONSTRUCTION.
 - PERIMETER PROTECTION MUST BE INSTALLED PRIOR TO ANY CLEARING ACTIVITIES. CLEARING SHALL BE LIMITED TO AREAS THAT WILL BE IMMEDIATELY GRADED OR DISTURBED. A COMBINATION OF ESC MEASURES SHALL BE IMPLEMENTED IN AREAS THAT HAVE BEEN CLEARED. ALL DISTURBED AREAS OF AN INACTIVE SITE, AS DESCRIBED IN THE ENGINEERING AND CONSTRUCTION MANUAL, SHALL ALSO BE PROTECTED.
 - CONSTRUCTION ACCESS POINTS SHALL BE STABILIZED WITH A COMBINATION OF ROCK AND SHAKER PLATES YEAR-ROUND TO PREVENT TRACK-OUT. INTERIOR ACCESS POINTS (ALL PROPOSED DRIVEWAYS, MATERIAL STORAGE AND STAGING AREAS ENTRANCE/EXITS, ETC.) SHALL ALSO BE PROTECTED WITH ROCK TO PREVENT TRACK-OUT ONTO INTERIOR STREETS. ROUTINE STREET SWEEPING SHALL BE USED WHEN STREET SWEEPING BECOMES INEFFECTIVE. CONTROLLED STREET WASHING SHALL ONLY BE ALLOWED PRIOR TO THE APPLICATION OF ASPHALT SEAL COATS, AND ONLY WHEN ALL PERTINENT DRAINAGE INLETS ARE PROTECTED.
 - DESILTING BASINS SHALL BE DESIGNED ACCORDING TO THE GUIDANCE PROVIDED IN CASQA'S CONSTRUCTION BMP HANDBOOK. IMPOUNDED WATER SHALL BE SECURED FROM THE PUBLIC. SIGNAGE INDICATING "PONDED WATER - DO NOT ENTER," OR AN EQUIVALENT WARNING NOTICE SHALL BE POSTED.
 - MATERIAL STORAGE AND STAGING AREAS SHALL BE ESTABLISHED. FUEL TANKS, PORTABLE TOILETS, LIQUIDS, GELS, POWDERS, LANDSCAPE MATERIALS AND STOCKPILES OF SOIL SHALL BE STORED AWAY FROM ALL PRIVATE/PUBLIC STORM WATER CONVEYANCE SYSTEMS, SIDEWALKS, RIGHT-OF-WAYS AND FLOW-LINES AND SHALL HAVE SECONDARY CONTAINMENT. INACTIVE STOCKPILES OF SOIL SHALL BE COVERED AT ALL TIMES. ACTIVE STOCKPILES SHALL BE COVERED PRIOR TO A FORECAST RAIN.
 - CONSTRUCTION WASTE AND MISCELLANEOUS DEBRIS SHALL BE PLACED IN WATER-TIGHT BINS. WIRE MESH RECEPTACLES SHALL NOT BE ALLOWED. WASH-OUT STATIONS SHALL BE PROVIDED FOR CONCRETE, PAINTS, STUCCO AND OTHER LIQUID WASTE, AND SHALL BE LINED WITH PLASTIC LOCATED AWAY FROM PUBLIC RIGHT-OF-WAYS, FLOW LINES, ETC. PRIOR TO ANY FORECAST RAIN, BINS AND WASH-OUTS SHALL BE COVERED WITH LIDS OR PLASTIC TARPS.
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 - ALL PORTABLE MIXERS SHALL HAVE PLASTIC LINERS UNDERNEATH THEM WITH GRAVEL-BAGS PLACED ON THE DOWN-HILL SIDE OF THE LINERS TO CONTAIN DISCHARGES.
 - ALL ON-SITE AND OFF-SITE FLOW LINES (I.E. V- AND BOW-DITCHES, TERRACE DRAINS, RIBBON GUTTERS, CURB GUTTERS, ETC.) STORM WATER CONVEYANCE SYSTEMS, CHECK DAMS, CHEVRONS, SILT FENCES AND DESILTING BASINS SHALL BE FREE OF SEDIMENT, CONSTRUCTION MATERIALS, WASTE, MISCELLANEOUS DEBRIS AND DETERIORATED ESC MEASURES YEAR-ROUND.
 - NO OBSTRUCTIONS, OTHER THAN BMP'S, SHALL BE ALLOWED WITHIN ANY STORM WATER CONVEYANCE SYSTEMS, UNLESS ALTERNATIVE DRAINAGE FACILITIES HAVE BEEN APPROVED.



CONSULTANT:

ERSC
 Engineering Resources of Southern California

1861 W. Redlands Blvd. Bldg. 7B
 Redlands CA. 92373
 (909) 890-1255
 FAX: (909) 890-0995

PROJECT ADMINISTERED BY:
 SAN BERNARDINO COUNTY
 PROJECT AND FACILITIES
 MANAGEMENT
 DEPARTMENT

385 N. ARROWHEAD AVE.
 SAN BERNARDINO, CA 92415

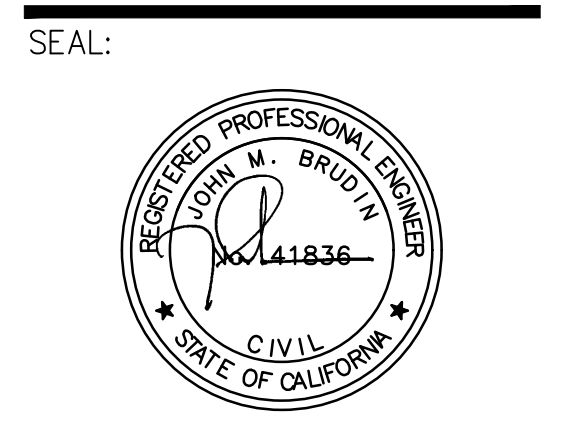
PROJECT NAME:
 GLEN HELEN REGIONAL
 PARK
 ISLAND
 PLAYGROUND
 2555 GLEN HELEN PARKWAY
 SAN BERNARDINO, CA 92407
 PROJECT #10.10.1400

ENC-03
 GH ISLAND
 PLAYGROUND
 C2.1
 6-28-24

ISSUE INFORMATION:

| DATE: | INFORMATION: |
|------------|-----------------|
| 02-08-24 | 95% CDs |
| APRIL-2024 | BID CDs |
| MAY 2024 | ADDENDUM- REV 1 |

SHEET INFORMATION:
 STK PROJECT NO.: 374-182-23
 SCALE: AS NOTED
 DATE: FEBRUARY 2024
 PLOT DATE:
 DRAWING NAME:



SHEET TITLE:
 EROSION CONTROL PLAN

SHEET NO.:
C2.1

06/28/2024 11:17 AM T:\Projects\06020203\03-EN-Drawn\Island\03-EN-C2.1.dwg User: jbrudin

CONSULTANT:



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 Redlands CA. 92373
 (909) 890-1255
 FAX: (909) 890-0995

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 DEPARTMENT

385 N. ARROWHEAD AVE.
 SAN BERNARDINO, CA 92415

PROJECT NAME:

GLEN HELEN REGIONAL
 PARK
 ISLAND
 PLAYGROUND
 2555 GLEN HELEN PARKWAY
 SAN BERNARDINO, CA 92407
 PROJECT #10.10.1400

ENC-04
 GH ISLAND
 PLAYGROUND
 C2.2
 6-28-24

ISSUE INFORMATION:

| DATE: | INFORMATION: |
|------------|----------------|
| 02-08-24 | 95% CDs |
| APRIL-2024 | BID CDs |
| MAY 2024 | ADDENDUM-REV 1 |

SHEET INFORMATION:

| | |
|------------------|---------------|
| STK PROJECT NO.: | 374-182-23 |
| SCALE: | AS NOTED |
| DATE: | FEBRUARY 2024 |
| PLOT DATE: | |
| DRAWING NAME: | |

SEAL:



SHEET TITLE:
 EROSION CONTROL PLAN

SHEET NO.:

C2.2

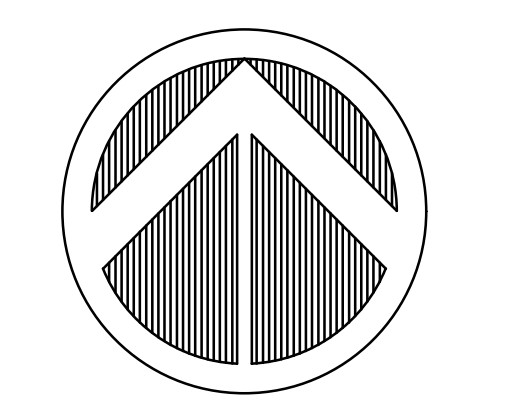
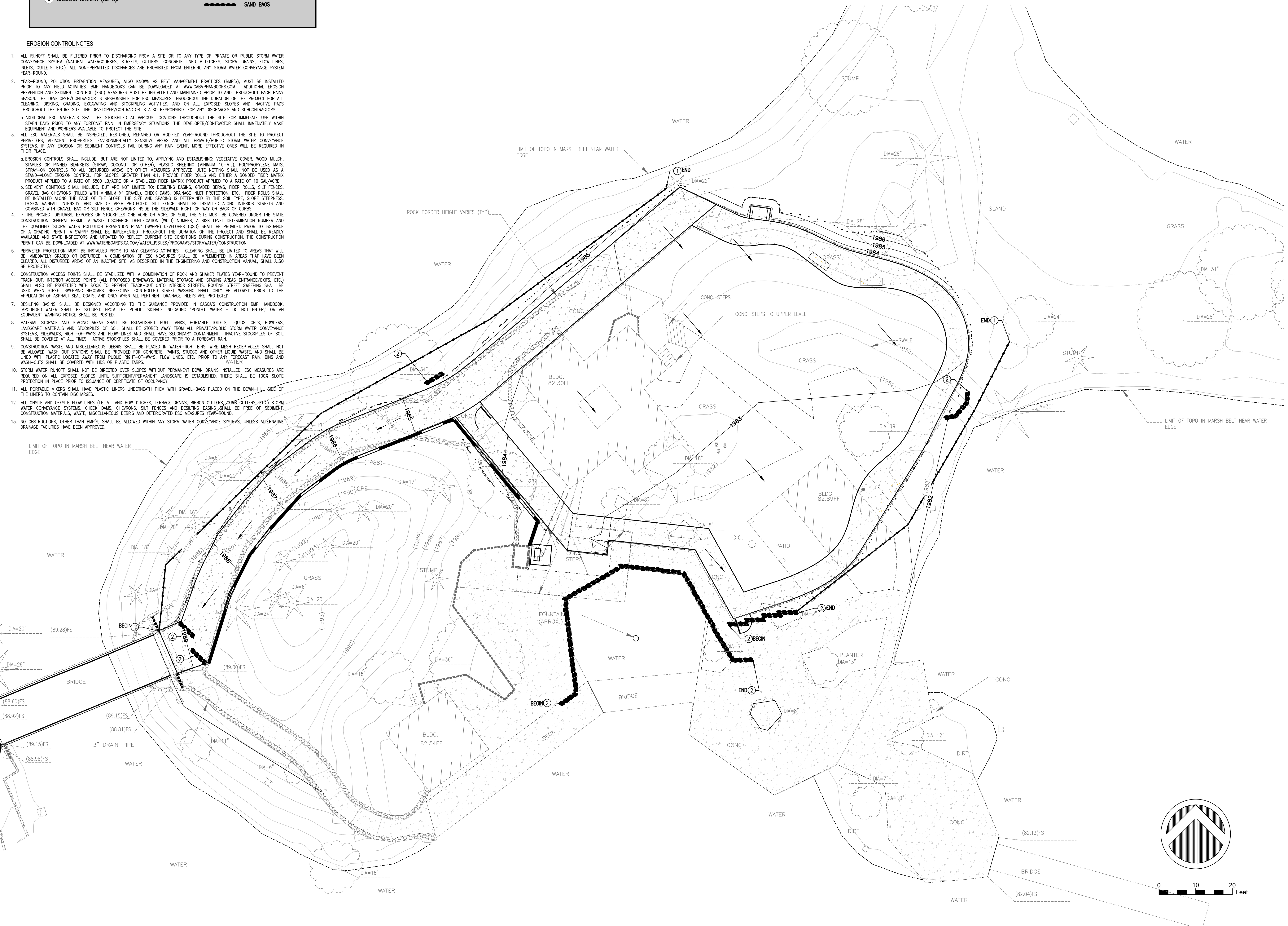
EROSION CONTROL CONSTRUCTION NOTES

1 SILT FENCE (SC-1).
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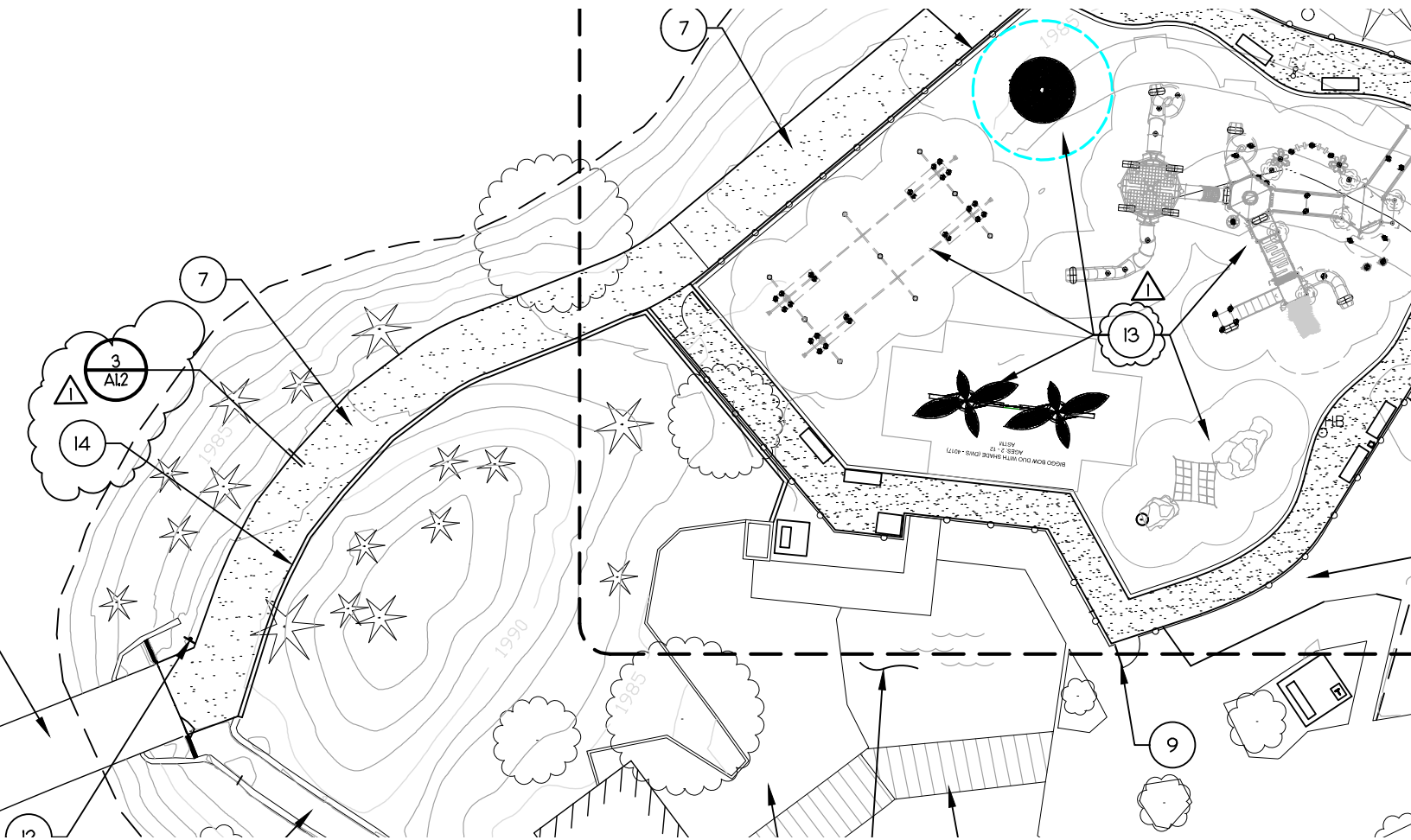
LEGEND

→ SILT FENCE
 → FLOW PATH
 ● SAND BAGS

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 - ALL PORTABLE TOILETS SHALL HAVE PLASTIC LINERS UNDERNEATH THEM WITH GRAVEL-BAGS PLACED ON THE DOWN-HILL SIDE OF THE LINERS TO CONTAIN DISCHARGES.
 - ALL ONSITE AND OFFSITE FLOW LINES (I.E. V- AND BOW-DITCHES, TERRACE DRAINS, RIBBON GUTTERS, CURB GUTTERS, ETC.) STORM WATER CONVEYANCE SYSTEMS, CHECK DAMS, CHEVRONS, SILT FENCES AND DESILTING BASINS SHALL BE FREE OF SEDIMENT, CONSTRUCTION MATERIALS, WASTE, MISCELLANEOUS DEBRIS AND DETERIORATED ESC MEASURES YEAR-ROUND.
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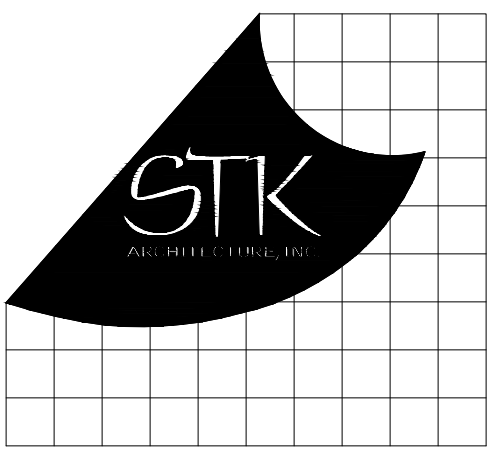


14. CMU SLOUGH WALL. STYLE: PRECISION, COLOR SELECTED FROM STANDARD SELECTION. REFER TO CIVIL.

ENC-05

GH ISLAND
PLAYGROUND
A1.1

6-28-24



4206 ZEVIO DR., TEMECULA, CALIFORNIA 92592-3780
 Phone: 951.266.8110 Fax: 951.266.0078 Email: info@stka.com

CONSULTANT

PROJECT ADMINISTERED BY:
 SAN BERNARDINO COUNTY
 PROJECT AND FACILITIES
 MANAGEMENT
 DEPARTMENT

385 N. ARROWHEAD AVE.
 SAN BERNARDINO, CA 92415

PROJECT NAME:

GLEN HELEN REGIONAL
 PARK
 ISLAND
 PLAYGROUND
 2555 GLEN HELEN PARKWAY
 SAN BERNARDINO, CA 92407
 PROJECT #10J01400

ENC-06
 GH ISLAND
 PLAYGROUND
 A1.2
 6-28-24

ISSUE INFORMATION:

| DATE: | INFORMATION: |
|------------|--------------|
| 02-08-24 | 95% CDs |
| APRIL-2024 | BD CDs |
| MAY-2024 | REV A |

SHEET INFORMATION:

STK PROJECT NO.: 374-182-23
 SCALE: AS NOTED
 DATE: FEBRUARY 2024
 PLOT DATE: -
 DRAWING NAME: -



SHEET TITLE:

SITE
 DETAILS

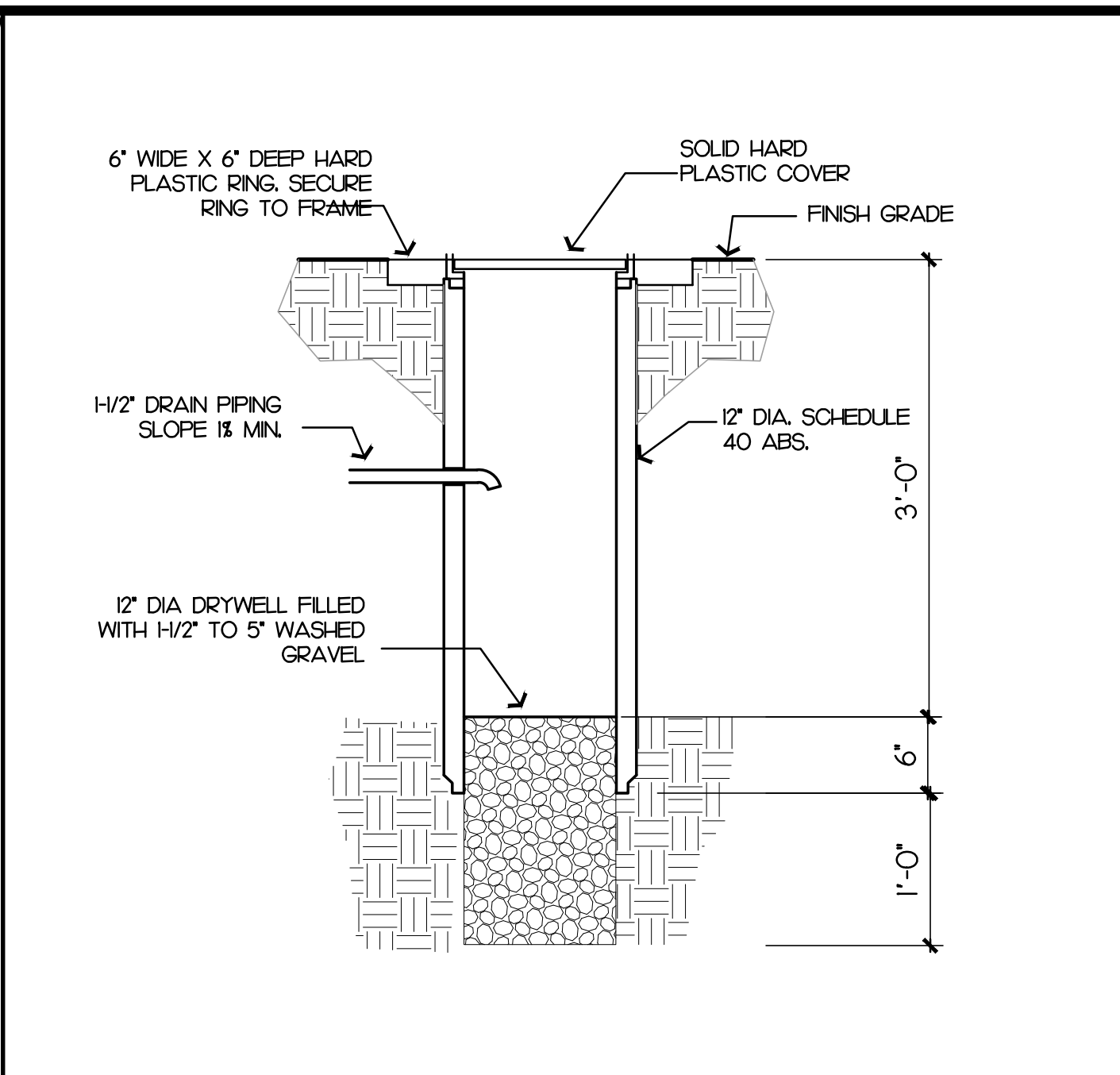
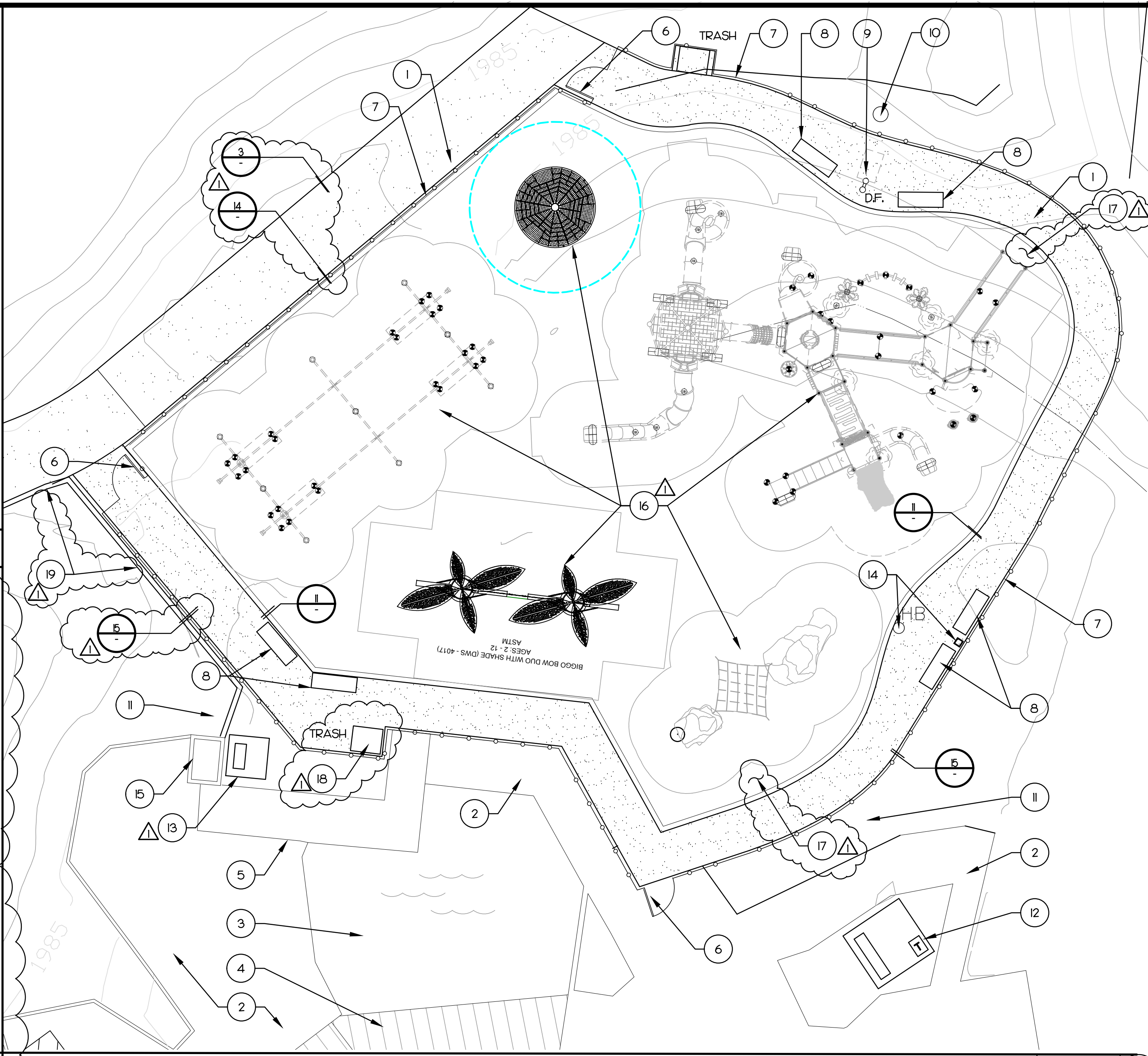
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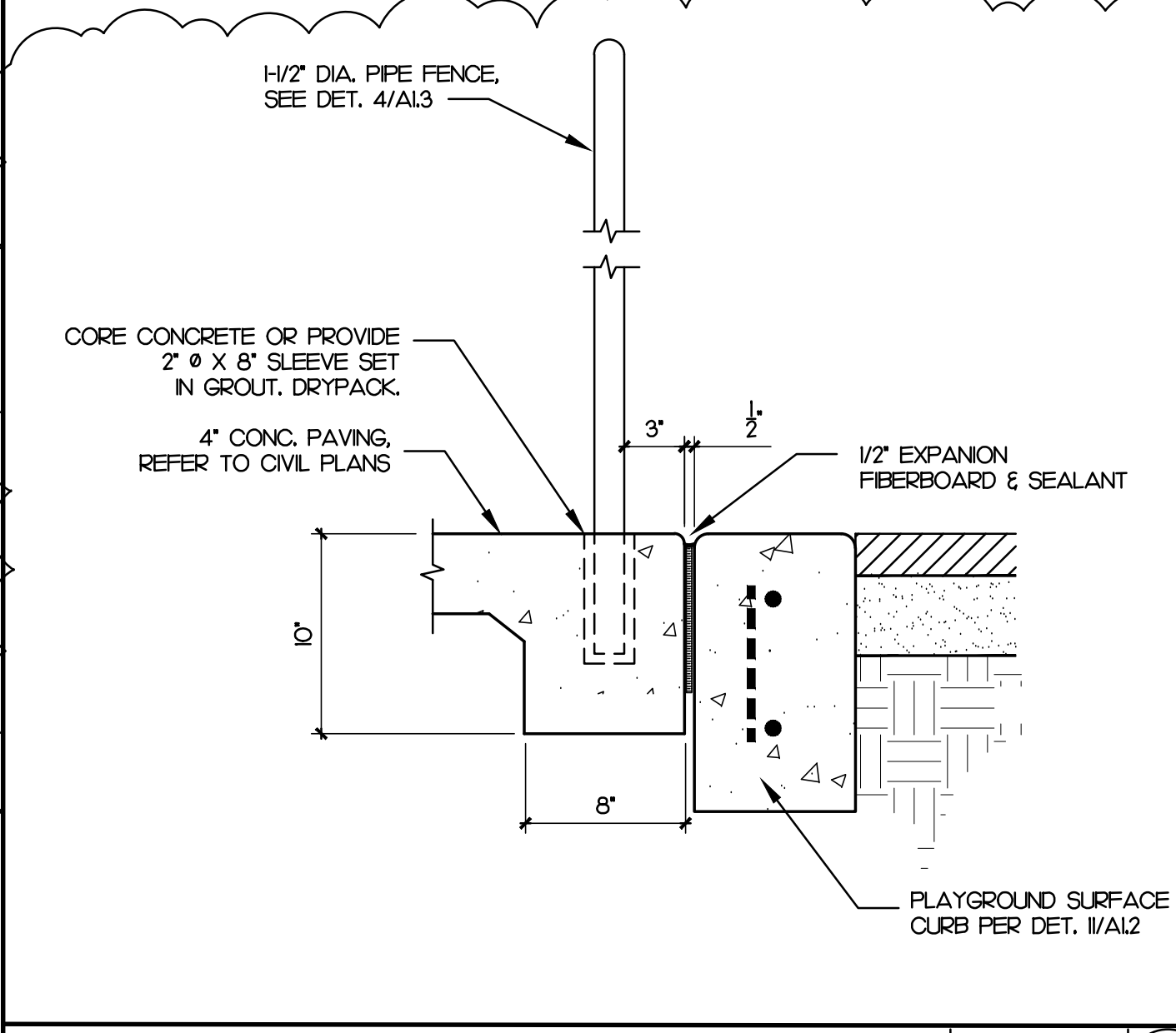
KEY NOTE

- ACCESSIBLE CONCRETE WALKWAY. PROVIDE EXPANSION JOINTS PER SPECIFICATIONS AND SEE 4
 - EXISTING CONCRETE WALKWAY.
 - EXISTING WATER FEATURE. PROTECT.
 - EXISTING BRIDGE TO REMAIN. PROTECT.
 - EXISTING CONCRETE STEPS.
 - GATES, TYP. OF 3. SEE 10, A13
 - STEEL PIPE FENCE. SEE SHEET A13.
 - PARK BENCH, METAL W/ SLATS, TYP. OF 6. SEE SPECIFICATIONS.
 - H/L/W DRINKING FOUNTAIN. SEE 8
 - DRINKING FOUNTAIN DRY-WELL. SEE 13
 - REMOVE ROCKS AND FROM DEMOLITION. FINE GRADE SURFACE TO BLEND WITH ADJACENT FINISH GRADE.
 - ELECTRICAL PANEL IN ENCLOSURE. PROVIDE CONCRETE EQUIPMENT PAD. SEE ELECTRICAL.
 - PROVIDE CONCRETE PAD FOR PUMP EQUIPMENT. EXISTING FOUNTAIN PUMP TO BE RELOCATED FROM ORIGINAL LOCATION. SEE ELECTRICAL.
 - HOSE BIB. RELOCATE/REPLACE EXISTING ADJACENT HOSE BIB. PROVIDE LOCK AND KEY. SEE PLUMBING.
 - EXISTING CMU PLANTER/RETAINING WALL. PROTECT.
- △ 6. REFER TO SHEET A14/A15 FOR PLAYGROUND EQUIPMENT PLANS.
 △ 7. POURED IN PLACE PLAYGROUND PROTECTIVE SURFACE. REFER TO SPECIFICATIONS.
 △ 8. TRASH RECEPTACLE BOLTED TO CONCRETE PAD. PROVIDED BY OWNER INSTALLED BY G.C. TYP. OF TWO PLACES.
 △ 9. CMU SLOUGH WALL. STYLE, PRECISION, COLOR SELECTED FROM STANDARD SELECTION. REFER TO CIVIL.

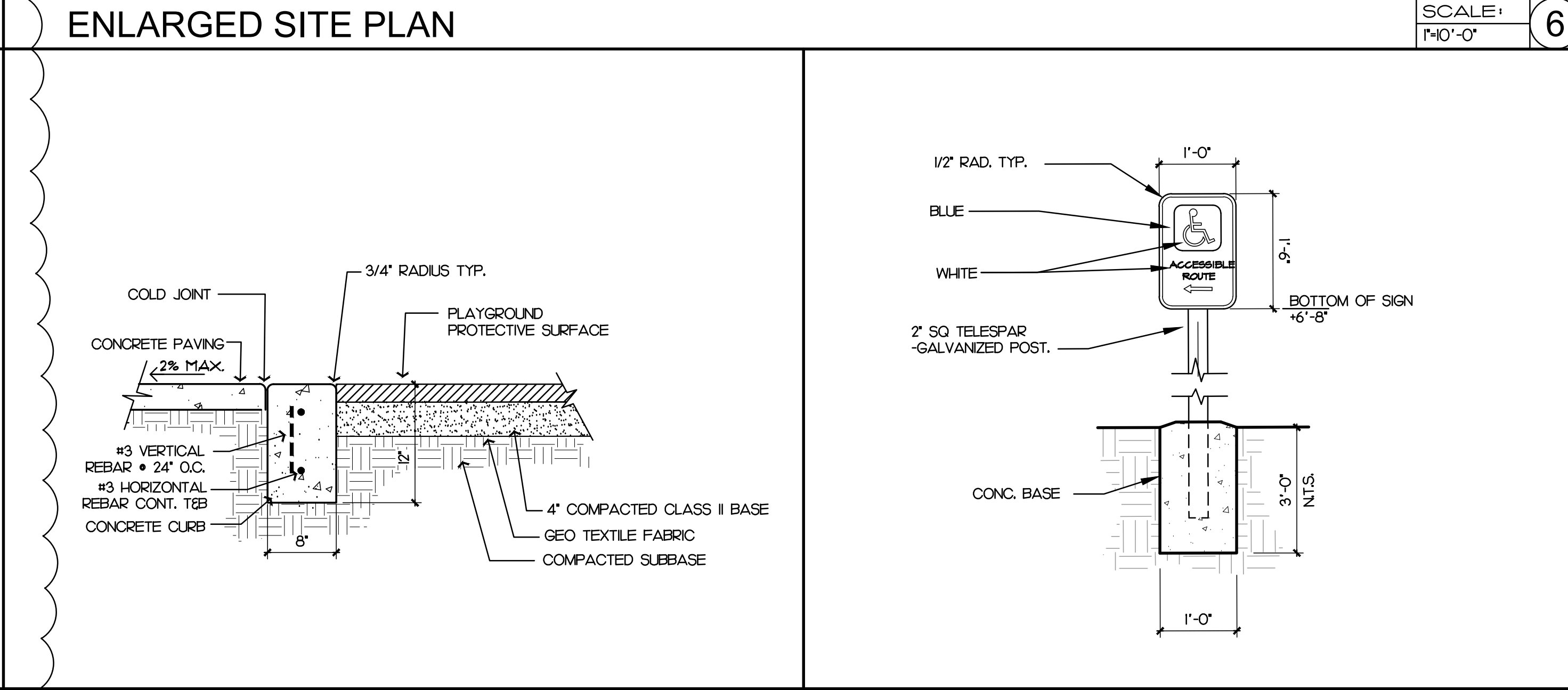
PLAYGROUND SURFACE ARE 7,200 SF. (VERIFY AMOUNT)



DF DRYWELL SCALE: 1/4"=1'-0" 13

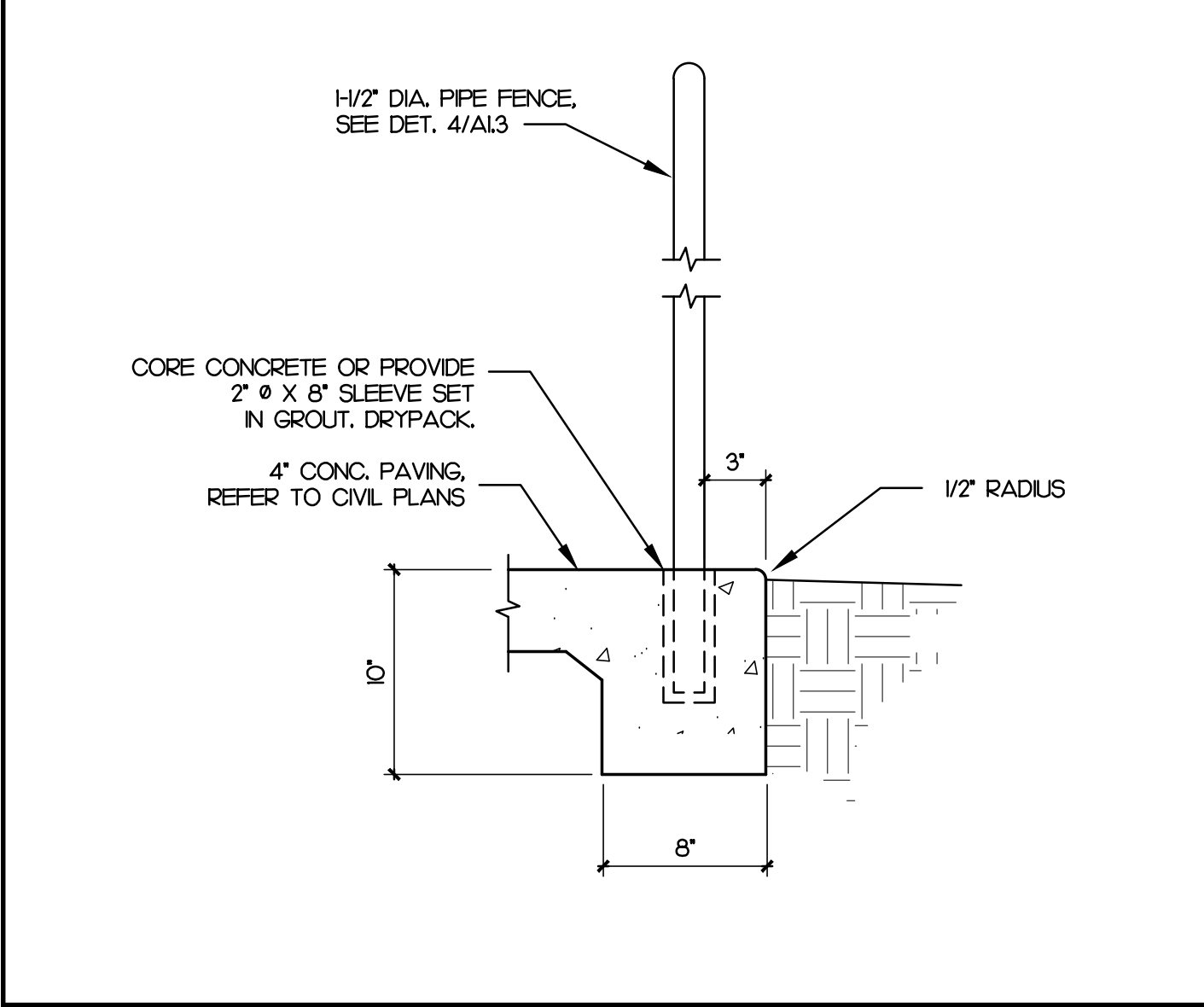


△ CONC. EDGE / PLAYGROUND SCALE: 1/2"=1'-0" 14



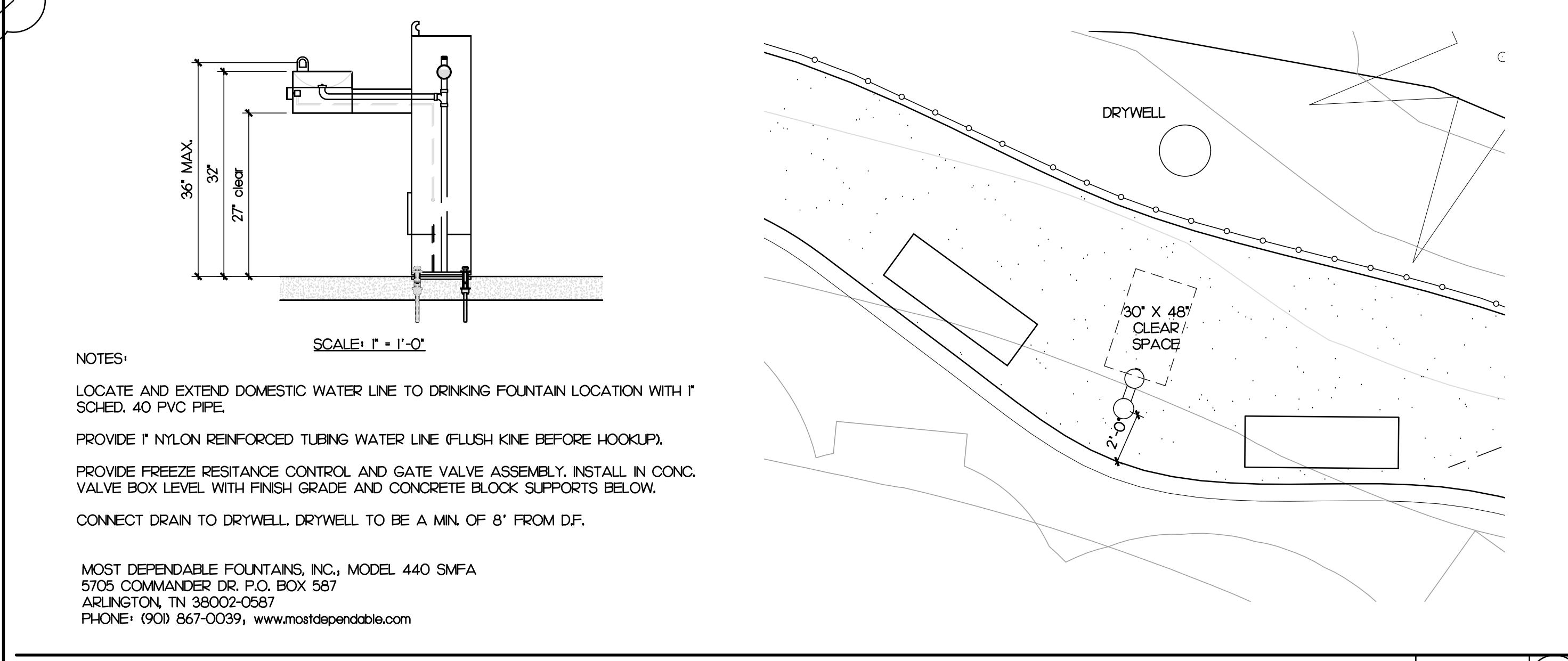
PLAYGROUND SURFACE EDGE SCALE: 1"=1'-0" 11

ACCESSIBLE ROUTE SIGN SCALE: 3/4"=1'-0" 7

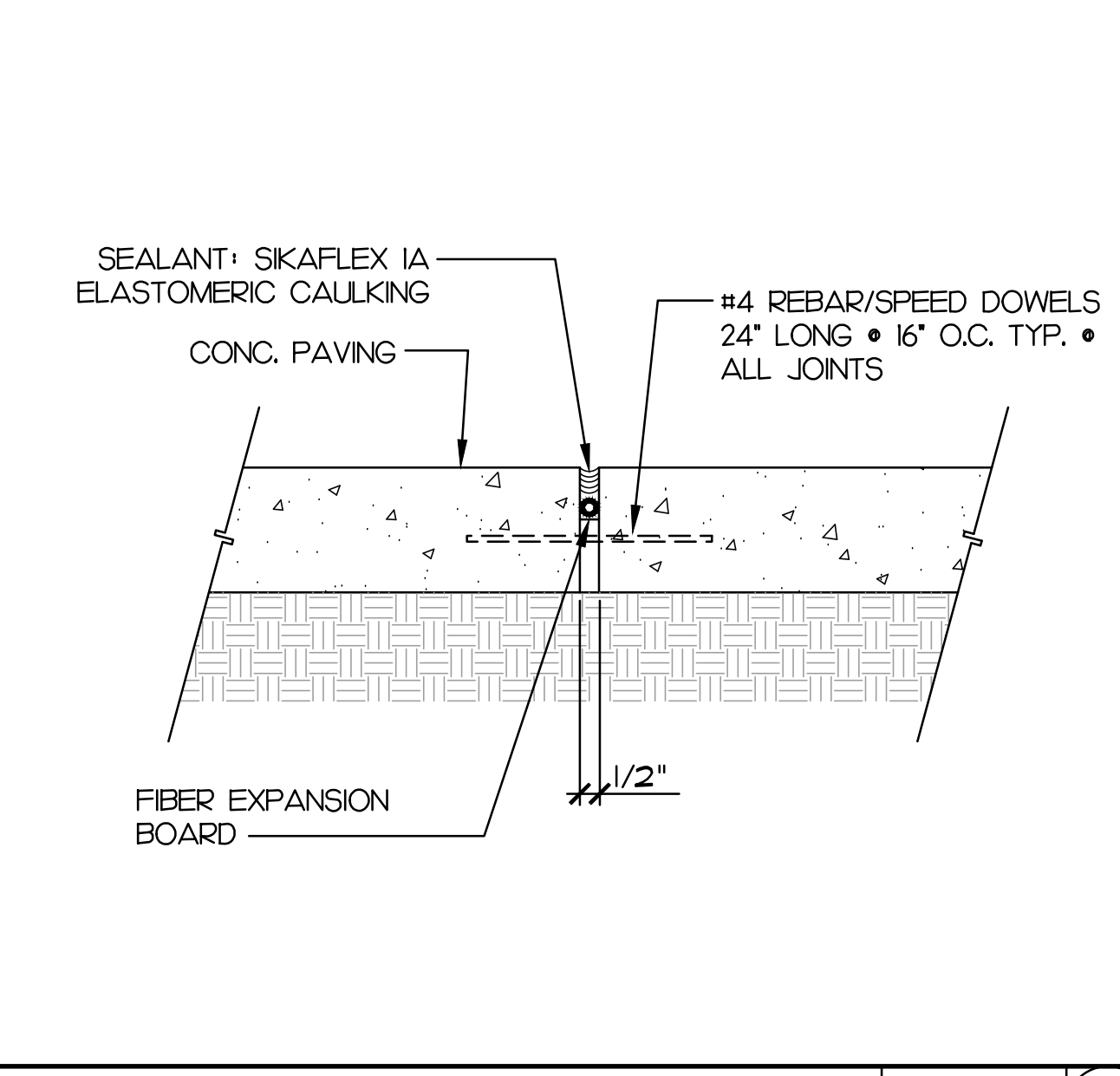


△ CONC EDGE AT FENCE POST SCALE: 1/2"=1'-0" 15

CONCRETE EDGE SCALE: 1"=1'-0" 3



DRINKING FOUNTAIN SCALE: 1/4"=1'-0" 8

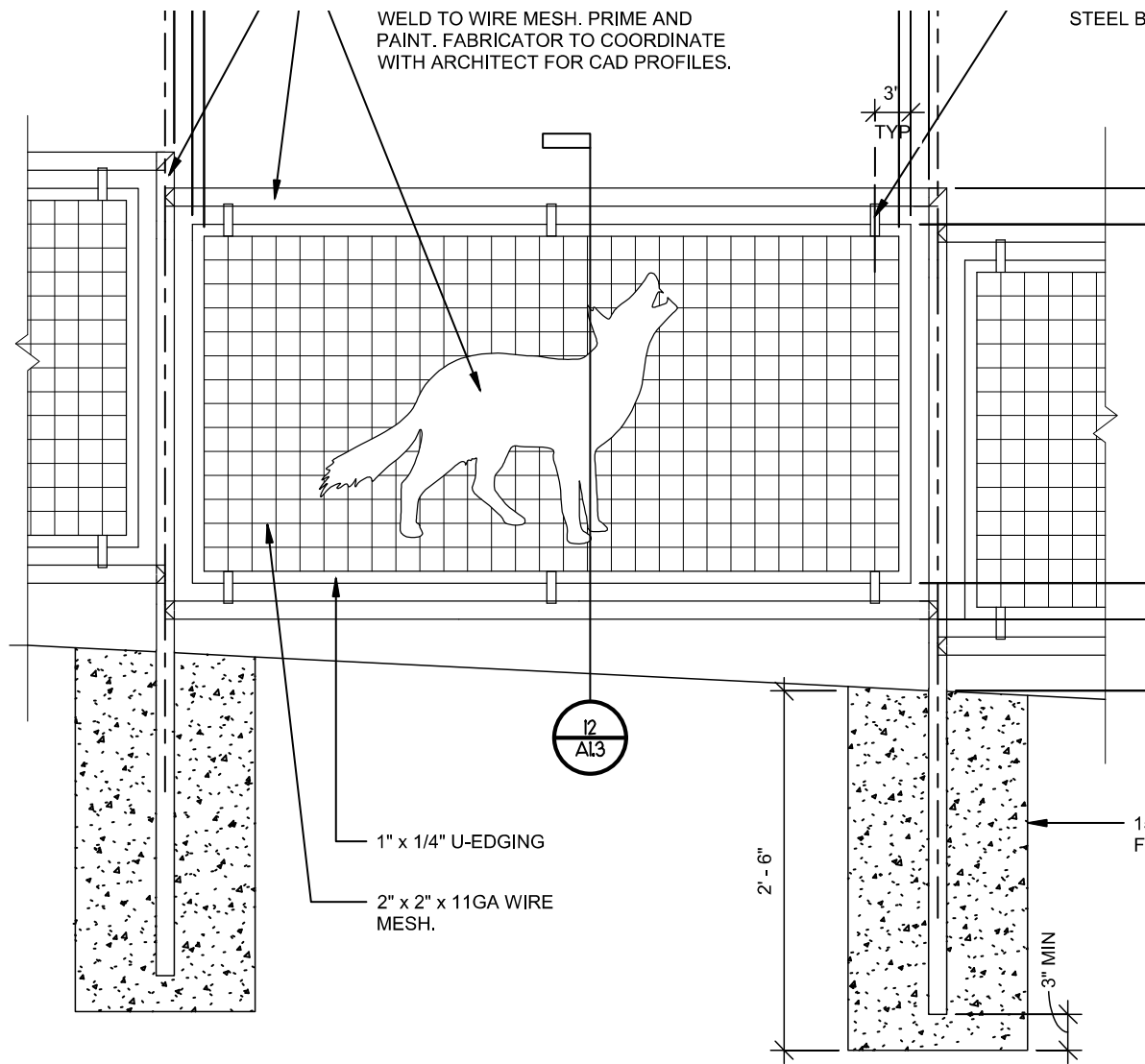


EXPANSION JOINT SCALE: 1/2"=1'-0" 4

NOT USED

NOT USED

2/28/2024 2:29PM J:\314 SAN BERNARDINO\314-182-23\Draws\Name\Map\Program\Drawings\A1.2 GH ISLAND SITE PLAN.dwg



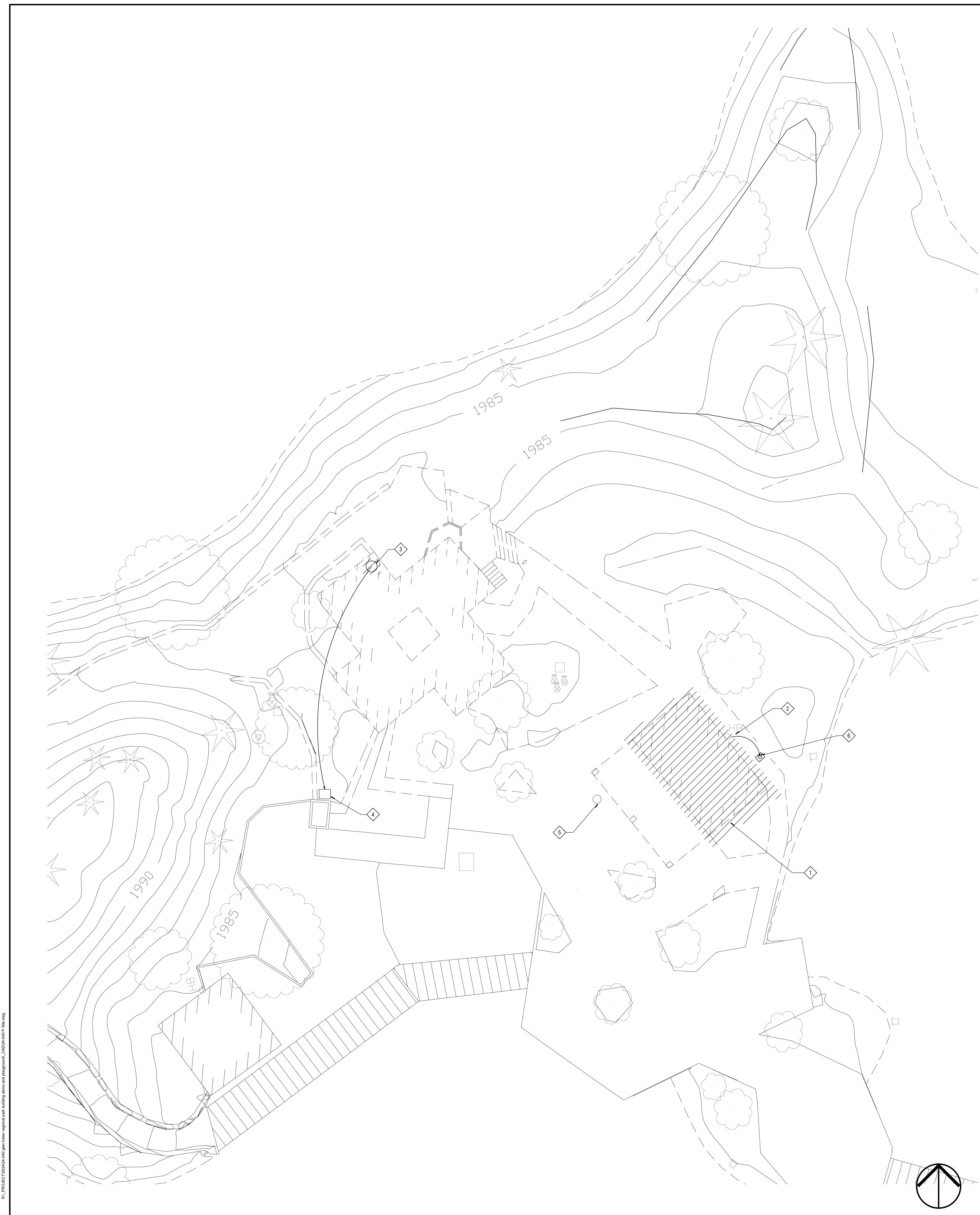
NOTES

FINISH- ALL EXPOSED STEEL, MESH, U-CHANNEL, TABS, PIPE STEEL ARE TO BE POWDER COATED. ARCHITECT TO SELECT COLOR FROM STANDARD RANGE.

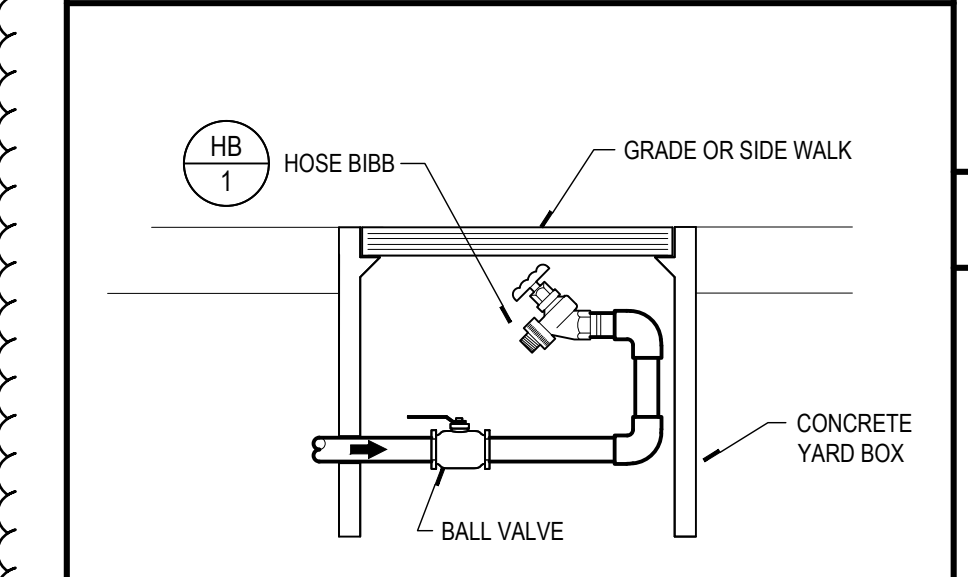
ANIMAL SILHOUETTES TO BE POWDER COATED. COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD RANGE.

ENC-07
GH ISLAND
PLAYGROUND
A1.3

6-28-24



- ### DEMOLITION NOTES
- 1. EXISTING RESTROOM BUILDING TO BE DEMOLISHED. REMOVE ALL PLUMBING PIPING AND CAP BACK AT BUILDING ENTRY POINT. PROVIDE NEW CLEAN OUT TO GRADE FOR WASTE LINE.
 - 2. EXISTING HOSE BIB TO BE RELOCATED. REFER TO CIVIL/ARCHITECTURAL DRAWINGS FOR NEW LOCATION AND ROUTING.
 - 3. EXISTING PUMP AND AIR LINES TO BE RELOCATED. AIR LINE TO BE EXTENDED FROM NEW LOCATION TO EXISTING POINTS. FIELD VERIFY. AIR LINES FEED INTO EXISTING LAKE.
 - 4. NEW PUMP LOCATION.
 - 5. EXISTING SEWER CLEANOUT.
 - 6. LOCATION OF RELOCATED HOSE BIBB. MOUNT IN YARD BOX WITH SHUT OFF VALVE AND HIGH HOSE BIBB.



HOSE BIBB 1

PLUMBING LEGEND AND SYMBOLS

| SYMBOL | ABBREV. | DESCRIPTION |
|--------|---------|--------------------------------------|
| --- | CW | COLD WATER |
| --- | S or W | SOIL or WASTE BELOW GRADE (or FLOOR) |
| ○ | BV | BALL VALVE |
| ⊘ | SOV | SHUT OFF VALVE |
| ⊘ | COTG | YARD CLEANOUT or CLEANOUT TO GRADE |
| ⊘ | | CAP ON END OF PIPE |
| ⊘ | HB | HOSE BIBB WITH VACUUM BREAKER |
| ⊘ | P.O.D. | POINT OF DEMOLITION |
| (E) | | EXISTING |
| (N) | | NEW |
| DN | | DOWN |
| IE | | INVERT ELEVATION |
| B.F.G. | | BELOW FINISH GRADE |

- ### GENERAL NOTES
- THE TOTAL INSTALLATION SHALL COMPLY WITH ANY REQUIREMENTS OF THE LEGALLY CONSTITUTED AUTHORITIES HAVING JURISDICTION INCLUDING 2022 CBC (CALIFORNIA BUILDING CODE), 2022 CAL GREEN REQUIREMENTS AND 2022 CMICPC (CALIFORNIA MECHANICAL AND PLUMBING CODE).
 - VISIT THE SITE PRIOR TO BID AND SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO WORK. INDICATED DIMENSIONS ARE APPROXIMATE AND ARE GIVEN FOR ESTIMATE PURPOSES ONLY.
 - BEFORE PROCEEDING WITH THE WORK, CAREFULLY CHECK AND VERIFY DIMENSIONS, SIZES, REQUIRED CLEARANCES AND SHALL ASSUME FULL RESPONSIBILITY FOR THE FITTING OF EQUIPMENT AND MATERIALS HEREIN REQUIRED TO OTHER PARTS OF THE WORK OF OTHER TRADES.
 - THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT OFFSETS, BENDS, SPECIAL FITTINGS AND LOCATIONS ARE NOT EXACTLY LOCATED. IN THE PREPARATION OF THESE DOCUMENTS, CERTAIN ASSUMPTIONS ARE MADE REGARDING EXISTING CONDITIONS. SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY OR DESTROYING OTHERWISE ADEQUATE OR SERVICEABLE PORTIONS OF EXISTING BUILDINGS AND/OR EQUIPMENT. THEREFORE, THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY CHANGES OR ADDITIONAL COSTS INCURRED DUE TO EXISTING CONDITIONS.
 - ITEMS RELATED TO PLUMBING UTILITIES AND/OR OTHER SERVICE(S), MATERIALS, LABOR, PERMITS, FEES, ETC., SHALL BE VERIFIED WITH THE RESPECTIVE SERVING UTILITY COMPANY PRIOR TO SUBMISSION OF A BID. THE ACT OF SUBMITTING A BID SHALL CONSTITUTE FULL RESPONSIBILITY TO INSTALL SERVICE(S) IN COMPLIANCE WITH THE REQUIREMENTS OF THE SERVING UTILITY COMPANY AND THE MECHANICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHARGES LEVIED BY THE SERVING UTILITY COMPANY EXCEPTING THE FIRST BILLING DEPOSIT.
 - COMPLY WITH CONTRACT DOCUMENTS IN LAYING OUT THEIR WORK AND EQUIPMENT. THEY SHALL COORDINATE THE WORK OF THIS SECTION WITH THE WORK OF OTHER TRADES AND JOB CONDITIONS.
 - THE INSTALLATION OF ACCESS PANELS OR OTHER INDICATING EQUIPMENT OR SPECIALTIES REQUIRING READING, ADJUSTMENT, INSPECTION, REPAIRS, REMOVAL OR REPLACEMENT SHALL BE CONVENIENTLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING.
 - EQUIPMENT AND FIXTURES INSTALLED UNDER THIS CONTRACT SHALL BE HUNG OR ANCHORED IN ACCORDANCE WITH 2022 CPCBC.
 - THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS.
 - WHERE MATERIAL IS SHOWN ON THE DRAWINGS BUT NOT SPECIFIED, IT SHALL BE OF THE SAME TYPE AND QUALITY AS EXISTING MATERIAL.
 - THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE REQUIRED HYDRAULIC CALCULATIONS AND FIRE SPRINKLER HEAD LOCATION IN ACCORDANCE WITH NFPA 13 TO THE LOCAL FIRE DEPARTMENT FOR REVIEW AND APPROVAL OF THE FIRE PROTECTION SYSTEM.
 - TEST SYSTEM(S) IN ACCORDANCE WITH REQUIREMENTS OF THE GOVERNING AUTHORITIES.
 - CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS. COORDINATE CLEANOUT LOCATIONS WITH EQUIPMENT CABINETS, ETC. AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
 - PAVED AREAS WHICH ARE EXCAVATED AND/OR DAMAGED BY OPERATIONS SHALL BE PATCHED AND REPAIRED. IN ADDITION, RESTORE TO ORIGINAL PLANTED AREAS DAMAGED BY OPERATIONS.
 - CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. GIVE THE OWNERS REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTIONS AND THE ACTUAL SHUT-DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNERS REPRESENTATIVE.
 - EXTERIOR WATER SHUT-OFF VALVES BELOW GROUND SHALL BE INSTALLED IN YARD BOXES WITH COVERS CONSPICUOUSLY MARKED "WATER SHUT-OFF" RESPECTIVELY.
 - WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION, POTABLE WATER SYSTEMS SHALL BE DISINFECTED AND FLUSHED PRIOR TO USE BY WATER-CHLORINATION SOLUTION AND HAVE BACTERIOLOGICAL EXAMINATION MADE BY AN APPROVED AGENCY PER 2022 CPC SEC. 609.10 AND AS PRESCRIBED IN AWWA C651. METHODS OF CLEANING/DISINFECTING FOR NEW OR REPAIR PIPING AS DESCRIBED IN C651 OR NFPA 24.
 - PLUMBING PIPE, FITTINGS AND FIXTURES USED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION SHALL COMPLY WITH AS 1933.
 - ANY SUBSTITUTION MADE THAT IS DIFFERENT FROM WHAT IS SPECIFIED ON THE DRAWINGS SHALL BE CLEARLY INDICATED ON THE SUBMITTAL AS TO THAT IS BEING SUBSTITUTED.
 - SHUT-OFF VALVES SHALL BE PROVIDED IN MAIN BRANCHES, RUNS TO RISERS AND WHERE INDICATED ON DRAWINGS.

FIXTURE SCHEDULE

| SYMBOL | SPECIFICATION | CONNECTION SIZE: | | | | | |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|------------------|------|------|------|----|-------|
| | | WASTE | TRAP | VENT | CW | HW | ELEC. |
| HB 1 | HOSE BIBB, WOODFORD HYDRANT MODEL Y24, CHROME FINISH WITH VACUUM BREAKER, METAL WHEEL HANDLE AND LOOSE TEE KEY OPERATED CONTROL VALVE. | - | - | - | 3/4" | - | - |



PROJECT ADMINISTERED BY:
**SAN BERNARDINO COUNTY
 PROJECT AND FACILITIES
 MANAGEMENT
 DEPARTMENT**

385 N. ARROWHEAD AVE.
 SAN BERNARDINO, CA 92415

PROJECT NAME:
**GLEN HELEN REGIONAL
 PARK**

PROJECT #: 10.10.1400

ENC-08
 GH ISLAND
 PLAYGROUND
 P0.1
 6-28-24

ISSUE INFORMATION:

| DATE: | INFORMATION: |
|----------|----------------|
| MAY 2024 | ADDENDUM Rev 1 |

SHEET INFORMATION:
 STK PROJECT NO.: 374-182-23
 SCALE: AS NOTED
 DATE: APRIL 2024
 PLOT DATE:
 DRAWING NAME:

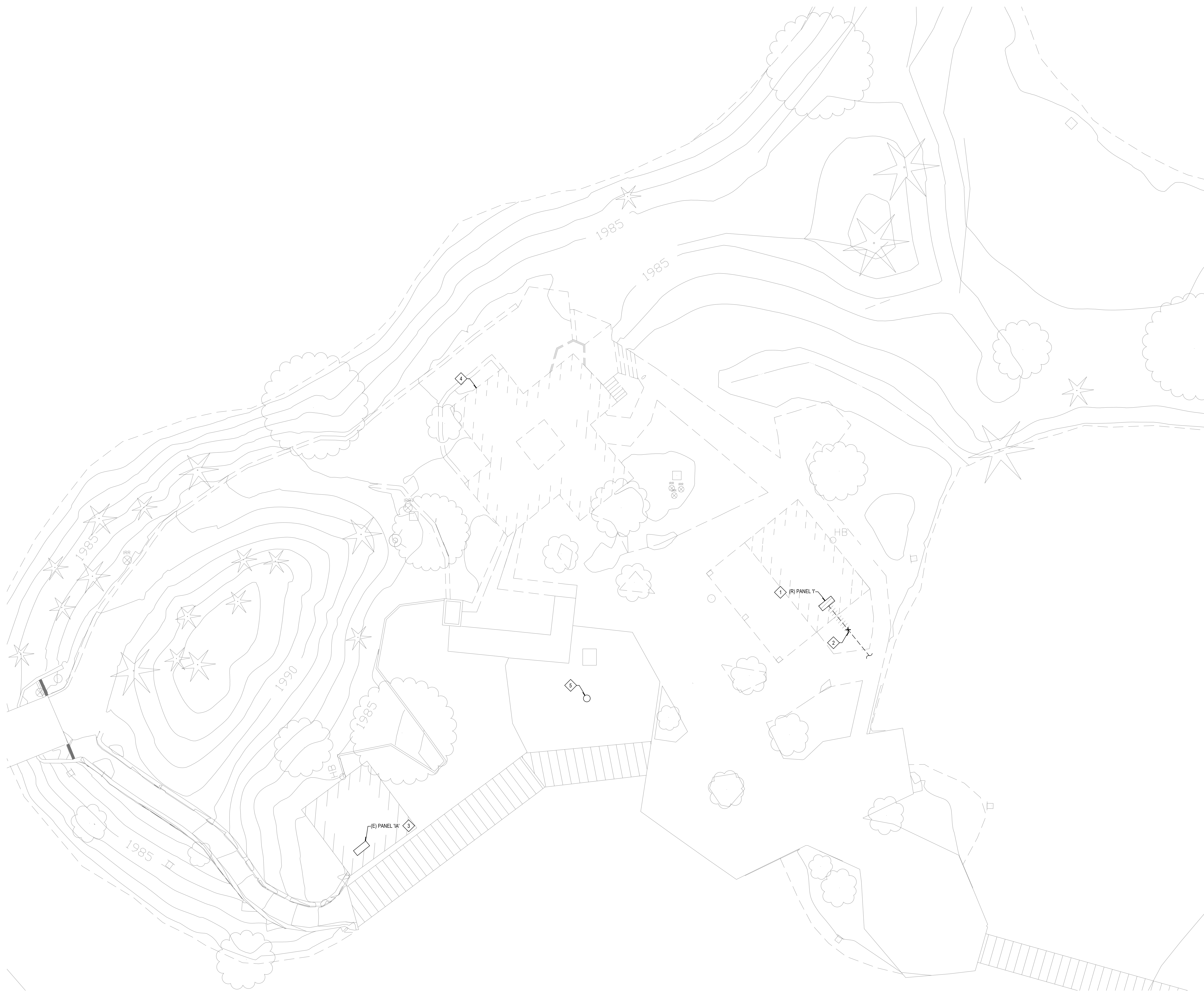


SHEET TITLE:
**PLUMBING
 DEMOLITION PLAN**

SHEET NO.:
P0.1

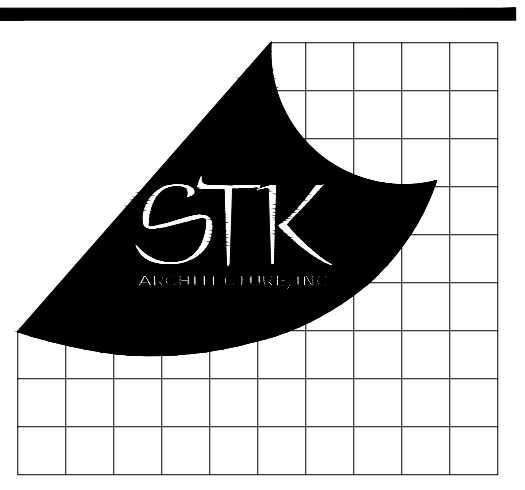
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GENERAL NOTES

- REFER TO ELECTRICAL LEGENDS AND NOTES SHEET FOR ADDITIONAL DEMOLITION NOTES.
- CONTRACTOR IS TO USE EXTREME CAUTION WHEN STARTING THE DEMOLITION WORK. THERE MAY BE MULTIPLE SERVICES FEEDING THIS WORK AREA. CONTRACTOR SHALL MAKE THEIR DUE DILIGENCE IN SOURCE TRACING ALL EXISTING EQUIPMENT, DISCONNECTS AND CIRCUITS ENTERING AND LEAVING THIS AREA. CONTRACTOR SHALL LABEL ALL CONDUITS WITH THEIR SOURCE LOCATION IF CONDUITS ARE TO REMAIN.
- CONTRACTOR SHALL UTILIZE "GPR" GROUND PENETRATING RADAR TO SURVEY AND TRACE ALL EXISTING UNDERGROUND UTILITY LINES IN AREAS WHERE NEW TRENCHING IS PLANNED. CONTRACTOR TO SUBMIT "GPR" REPORT TO PROJECT MANAGER FOR REVIEWING PRIOR TO TRENCHING.
- CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.



CONSULTANT:



DESIGN WEST ENGINEERING
MECHANICAL • ELECTRICAL • ENERGY CONSULTANTS

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PROJECT AND FACILITIES
MANAGEMENT
DEPARTMENT**

385 N. ARROWHEAD AVE.
SAN BERNARDINO, CA 92415

PROJECT NAME:

**GLEN HELEN REGIONAL
PARK
ISLAND
PLAYGROUND**
2555 GLEN HELEN PARKWAY
SAN BERNARDINO, CA 92407
PROJECT #10.10.1400

ENC-11
**GH ISLAND
PLAYGROUND
E.1.1**
6-28-24

DEMOLITION NOTES

- 1. DEMOLISH AND REMOVE EXISTING PANEL 1. DISCONNECT AND REMOVE ALL CONDUIT AND CONDUCTORS BACK TO INTERCEPTION POINT.
- 2. PROVIDE UNDERGROUND PULL BOX AT INTERCEPTION POINT AND EXTEND EXISTING UNDERGROUND CONDUIT TO NEW DISCONNECT LOCATION. PER SHEET E-1.2.
- 3. EXISTING PANEL 1A TO REMAIN AND BE RECONNECTED TO NEW PANEL E01. CONTRACTOR SHALL TRACE EXISTING CONDUIT AND EXTEND TO NEW PANEL E01 LOCATION. REFER TO SINGLE LINE DIAGRAM FOR MORE INFORMATION.
- 4. CONTRACTOR SHALL FIELD VERIFY AND INTERCEPT EXISTING AIR LINE, AND EXTEND AIR LINE TO NEW PUMP LOCATION, AS SHOWN ON RELOCATION PLANS. CONTRACTOR SHALL PRESERVE EXISTING AIR PUMPS AND REINSTALL AT NEW PUMP LOCATION.
- 5. CONTRACTOR SHALL FIELD VERIFY AND INTERCEPT EXISTING FOUNTAIN CIRCUIT, AND EXTEND TO NEW PANEL E01.

ISSUE INFORMATION:

| DATE: | INFORMATION: |
|------------|--------------|
| 02-08-24 | 95% CDs |
| APRIL-2024 | BID CDs |
| MAY-2024 | REV A |
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SHEET INFORMATION:

STK PROJECT NO.: 374-182-23
SCALE: AS NOTED
DATE: FEBRUARY 2024
PLOT DATE: -
DRAWING NAME:

SEAL:

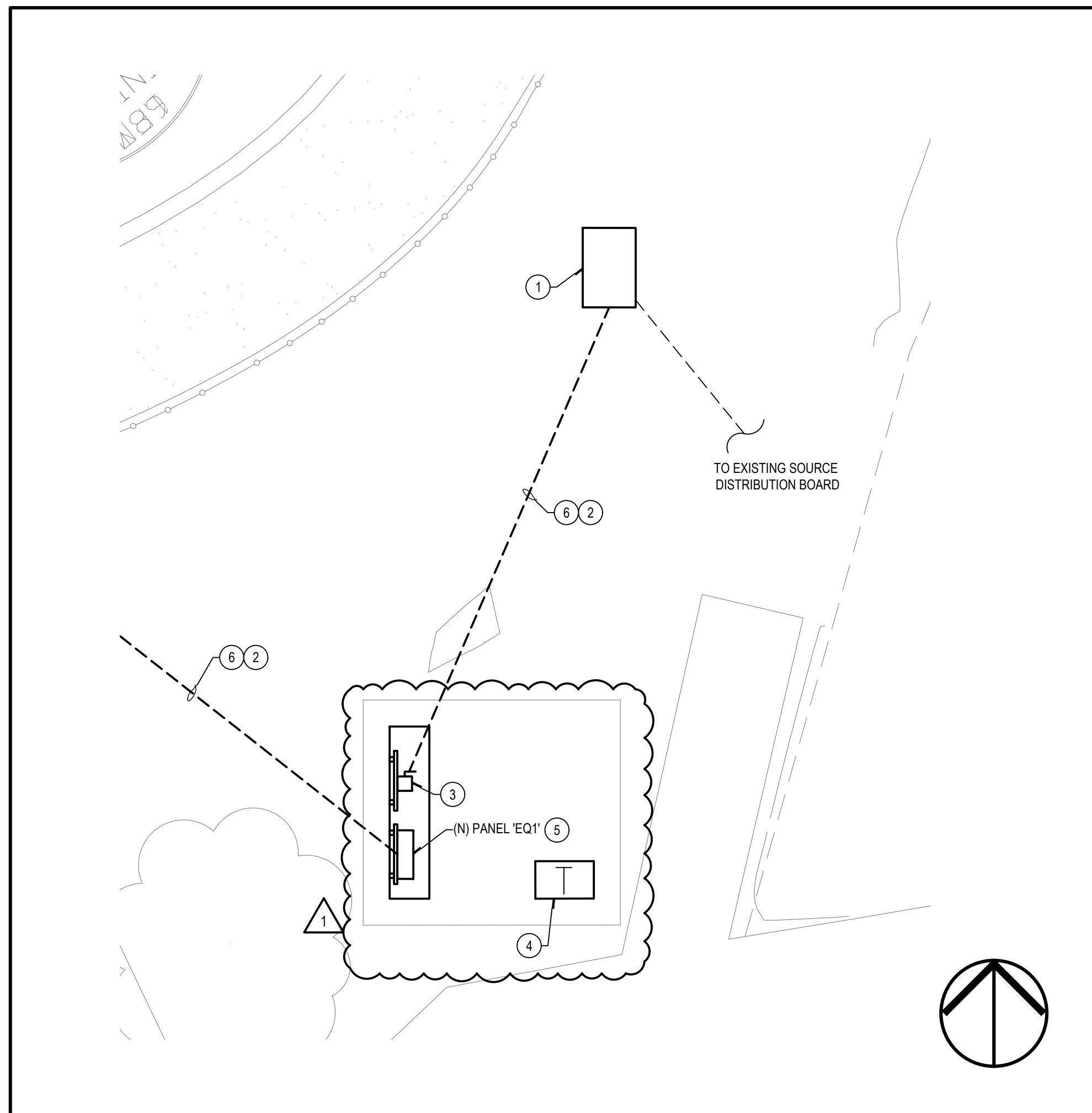


SHEET TITLE:

**DEMOLITION
SITE PLAN**

SHEET NO.:

E-1.1



ENLARGED ELECTRICAL SITE PLAN SCALE: 1/4"=1'-0" **2**



ELECTRICAL SITE PLAN SCALE: 1"=10'-0" **1**

GENERAL NOTES

1. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE FACILITY DIRECTOR PRIOR TO THE SCHEDULING OF ANY POWER OUTAGE. SUCH PERMISSION MUST BE OBTAINED IN WRITING AND BE GRANTED AT LEAST 7 DAYS PRIOR TO ANY SCHEDULE SHUT DOWN. THE SHUT DOWN SHALL NOT EXCEED A DURATION OF 4 HOURS.
2. THE CONTRACTOR SHALL INSPECT AND VERIFY ALL FIELD CONDITIONS PRIOR TO INSTALLATION OF NEW GENERATOR.
3. COORDINATE TRENCH ROUTING AND EQUIPMENT LOCATIONS WITH EXISTING CONDITIONS AND NEW WORK.
4. ALL SITE BRANCH CIRCUIT WIRING SHALL BE #10 AWG. OR LARGER.
5. CONTRACTOR SHALL VERIFY EXISTING BUILDING FOOTING PRIOR TO INSTALLATION OF STUB-UP CONDUITS FOR NEW WALL MOUNTED JUNCTION BOX TO AVOID ANY INTERFERENCE.
6. CONTRACTOR SHALL UTILIZE "GPR" GROUND PENETRATING RADAR TO SURVEY AND TRACE ALL EXISTING UNDERGROUND UTILITY LINES IN AREAS WHERE NEW TRENCHING IS PLANNED. CONTRACTOR TO SUBMIT "GPR" REPORT TO PROJECT MANAGER FOR REVIEWING PRIOR TO TRENCHING.
7. ALL SITE UNDERGROUND CONDUIT TO BE 1" MIN. UNLESS OTHERWISE NOTED.
8. SUPPORT CONDUIT(S) EVERY 10'-0" AND WITHIN 3'-0" OF ANY JUNCTION BOX OR TERMINATION.
9. CONTRACTOR IS TO TRANSITION FROM NONMETALLIC CONDUIT TO RIGID STEEL CONDUIT AFTER RISING ABOVE GROUND LEVEL. SWEEPS SHALL BE SCHEDULE 80 PVC OR PVC COATED RIGID STEEL.
10. CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE PLANTS OR TREE ROOTS WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS TO BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
11. ALL EXPOSED CONDUIT AND SUPPORTS SHALL BE PAINTED TO MATCH SUPPORTING SURFACE WHEN ALLOWED. CONDUIT ROUTING SHALL BE IN A NEAT AND ORDERLY FASHION. SUPPORT CONDUIT(S) EVERY 10'-0" AND WITHIN 3'-0" OF ANY JUNCTION BOX OR TERMINATION.
12. NO PATCHES WILL BE ALLOWED TO EXISTING CONCRETE WALKS. ALL CONCRETE IS TO BE REPLACED FROM JOINT TO JOINT OR A MINIMUM OF 10' SECTIONS. HYDROJETTING IS ALLOWED AT CONTRACTOR'S CHOICE, IF COMPACTED AND REPAIRED TO ORIGINAL CONDITION.
13. CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING IRRIGATION LINES AND TAKE SPECIAL CARE NOT TO DAMAGE ANY LINES WHEN TRENCHING IN THIS AREA. ANY DAMAGED IRRIGATION LINES TO BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.

CONSTRUCTION NOTES

1. CONTRACTOR SHALL UTILIZE "GPR" TO LOCATE AND INTERCEPT EXISTING UNDERGROUND FEEDER AND PROVIDE IN-GRADE CONCRETE FULL BOX WITH TRAFFIC RATED STEEL LID. 18"x24" X 4" DEPTH AS REQUIRED.
REFER TO DETAIL: **4** (E-20)
2. REFER TO TRENCHING DETAIL: **1** (E-21)
3. PROVIDE 60A, 3P NEMA 1 FUSED DISCONNECT SWITCH, LOCATED IN HOFFMAN NEMA 3R FREESTANDING ENCLOSURE. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
REFER TO MOUNTING DETAIL: **5** (E-20)
4. PROVIDE 225A 208/120V, 3PH 4W PANELBOARD (NEMA 1), LOCATED ON CONCRETE PAD MOUNTED. COORDINATE EXACT LOCATION IN FIELD PRIOR TO ROUGH-IN.
REFER TO MOUNTING DETAIL: **6** (E-20)
5. PROVIDE 225A 208/120V, 3PH 4W PANELBOARD (NEMA 1), LOCATED IN HOFFMAN NEMA 3R FREESTANDING ENCLOSURE. (NEXT TO DISCONNECT).
REFER TO MOUNTING DETAIL: **6** (E-20)
6. PROVIDE UNDERGROUND POWER CONDUIT AND CONDUCTORS. REFER TO SINGLE LINE DIAGRAM FOR CONDUIT AND FEEDERS SIZES AND QUANTITIES.
7. PROVIDE HOFFMAN NEMA 3R FREE STANDING ENCLOSURE, WITH PLYWOOD BACKING, MOUNTED ON CONCRETE PAD. PROVIDE NEW GFCI OUTLET ON PLYWOOD BACKING. NEW AIR LINE SHALL BE EXTENDED OVER TO NEW AIR PUMP LOCATION.
REFER TO DETAIL: **7** (E-20)

4265 ZENO DR., TEMECULA, CALIFORNIA 92590-3760
Phone: 951.266.8170 Fax: 951.266.8275 Email: info@stk.com

CONSULTANT:

412 E. Vandell Way
San Bernardino, CA 92408
Phone: 909.296.3700
Fax: 909.296.3770
Email: cadd@designwesteng.com

DESIGN WEST ENGINEERING
MECHANICAL + ELECTRICAL + ENERGY CONSULTANTS

PROJECT ADMINISTERED BY:
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PROJECT AND FACILITIES
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385 N. ARROWHEAD AVE.
SAN BERNARDINO, CA 92415

PROJECT NAME:

GLEN HELEN REGIONAL
PARK
ISLAND
PLAYGROUND
2555 GLEN HELEN PARKWAY
SAN BERNARDINO, CA 92407
PROJECT #10.10.1400

ENC-12
GH ISLAND
PLAYGROUND
E1.2
6-28-24

ISSUE INFORMATION:

| DATE: | INFORMATION: |
|------------|--------------|
| 02-08-24 | 95% CDs |
| APRIL-2024 | BID CDs |
| MAY-2024 | REV |

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STK PROJECT NO.: 374-182-23
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PLOT DATE: -
DRAWING NAME:

SEAL:

SHEET TITLE:
ELECTRICAL SITE PLAN

SHEET NO.:
E-1.2

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