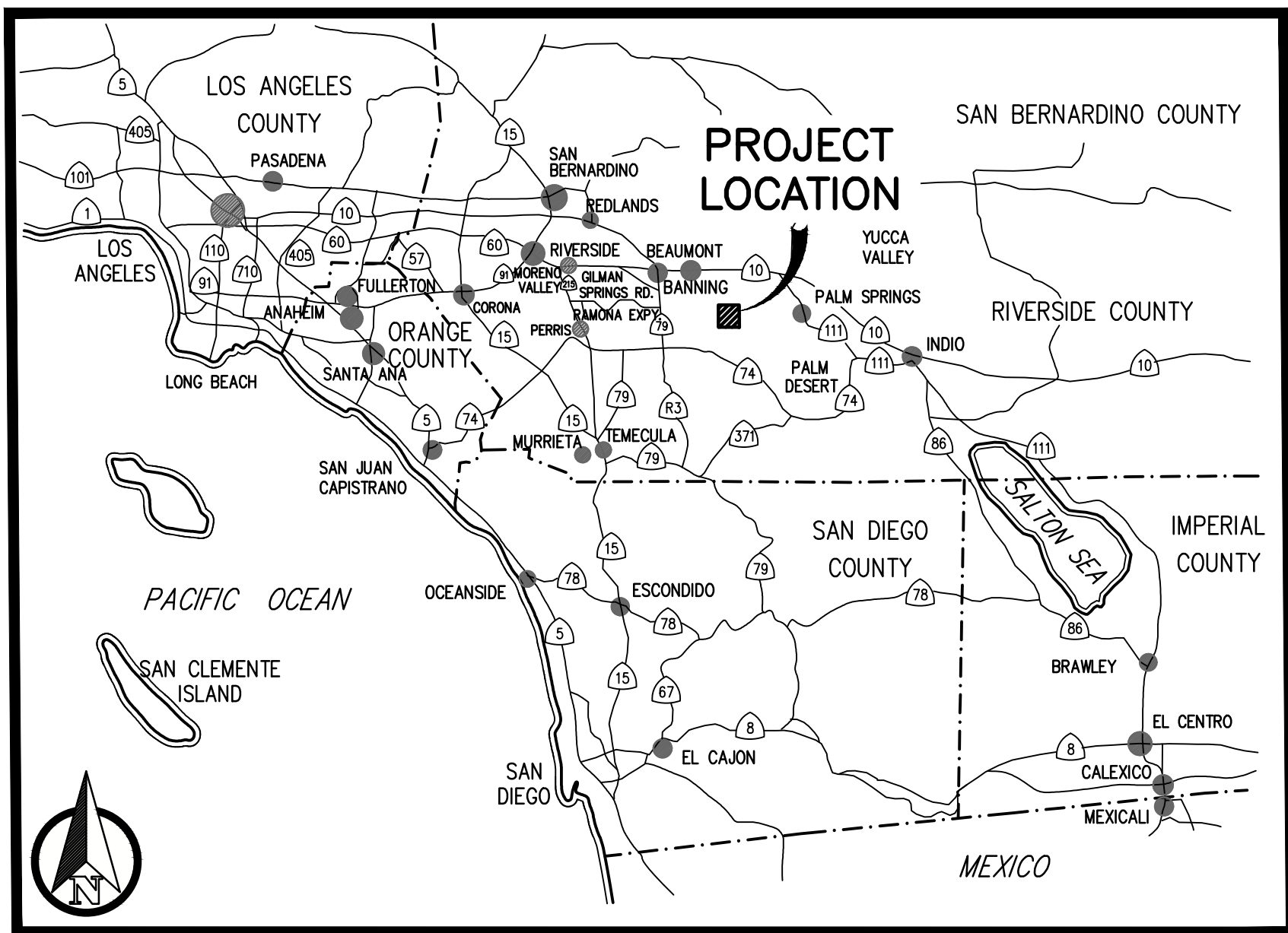


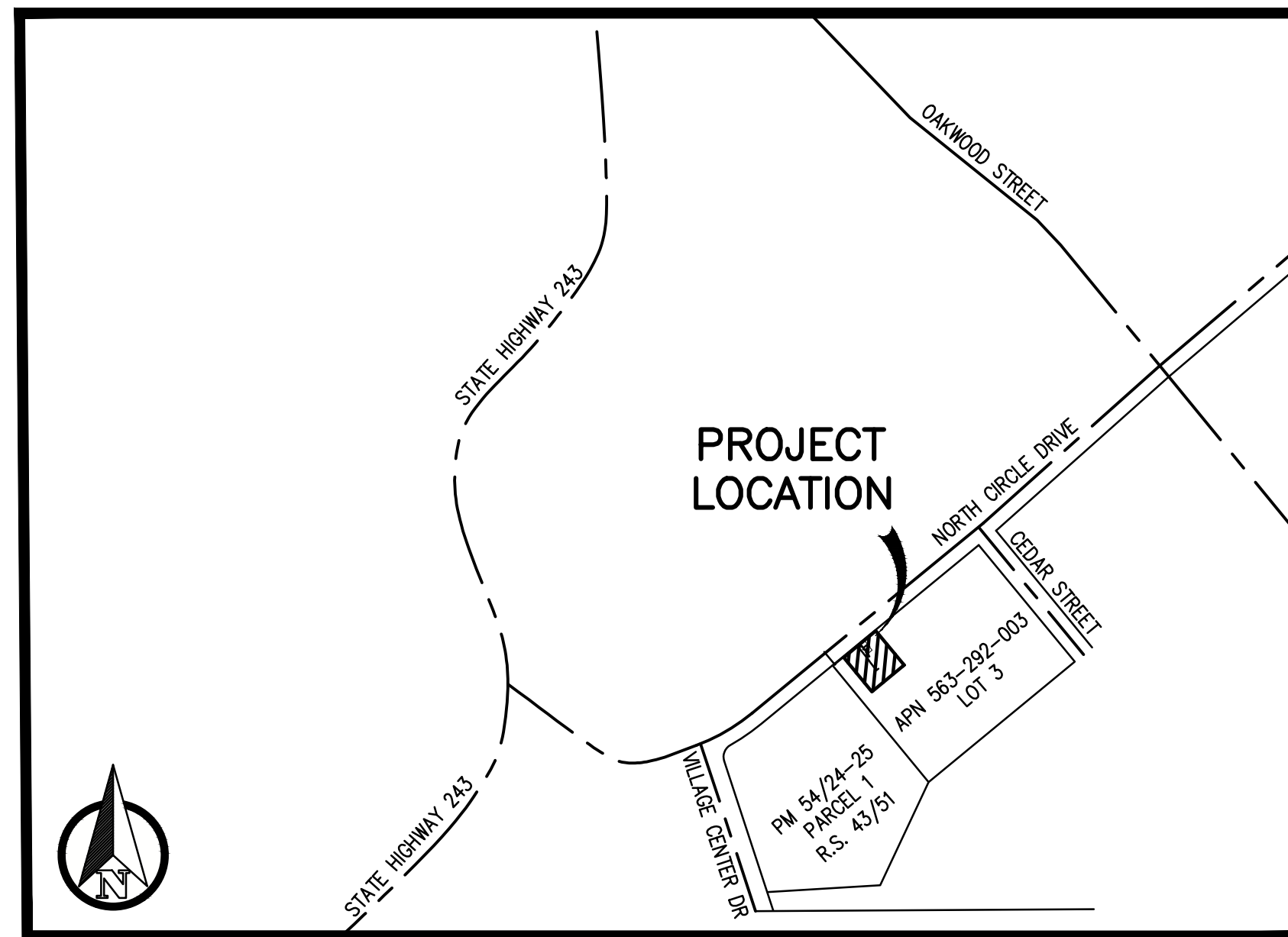
# RIVERSIDE COUNTY OFFICE OF ECONOMIC DEVELOPMENT

RIVERSIDE COUNTY, CALIFORNIA  
(T. 5 S., R. 3 E., SEC. 7 OF THE SW 1/4)  
PLANS FOR THE CONSTRUCTION OF  
THE

## IDYLLWILD RESTROOM FACILITIES, MILE HI PLAZA



VICINITY MAP  
N.T.S.



LOCATION MAP  
N.T.S.


### ENGINEER'S NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY A CONTRACTOR SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGE TO THESE LINES OR STRUCTURES. CONTRACTOR AGREES THAT HE 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 CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND 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 ENGINEER. ALL DISTANCES ARE HORIZONTAL MEASUREMENTS, CONTRACTOR TO VERIFY ALL QUANTITIES

### ENGINEER'S DECLARATION OF RESPONSIBLE CHARGE:

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THESE XXX-PERCENT DESIGN LEVEL DRAWINGS, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT TO DATE AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY RIVERSIDE COUNTY FACILITIES MANAGEMENT DEPARTMENT IS CONFINED TO A REVIEW ONLY, AND DOES NOT RELIEVE ME, AS THE ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT'S DESIGN.

APPROVED:  11/10/2022  
BRIAN D. FOX, P.E., P.L.S. R.C.E. NO. 57264  
COZAD & FOX, INC.



### BUILDINGS BY SEPARATE PERMIT

EXCEPT FOR ANY RETAINING WALLS IN CONJUNCTION WITH THIS GRADING, ALL INFORMATION ASSOCIATED WITH BUILDINGS (INCLUDING SETBACKS AND FF ELEVATIONS) IS FOR REFERENCE ONLY AND THE APPROVAL OF THIS GRADING PLAN DOES NOT INCLUDE ANY PROVISIONS ASSOCIATED WITH BUILDINGS.

### FIRE DEPARTMENT NOTES

- VEGETATION SHALL BE MAINTAINED WITHIN 100 FEET AROUND ALL STRUCTURES PER RIVERSIDE COUNTY ORDINANCE 787.7.
- DRIVEWAY SURFACES SHALL BE CAPABLE OF SUPPORTING A 75,000 POUND GROSS VEHICLE WEIGHT ON AN ALL-WEATHER SURFACE.
- DRIVEWAY NOT TO EXCEED 16% GRADE
- MIN. 16 FOOT WIDE DRIVEWAY, MINIMUM DRIVEWAY CURVE RADIUS IS 38 FEET.

### SCOPE OF WORK

THE PURPOSE OF THIS SITE PLAN IS TO ILLUSTRATE THE EXISTING INFRASTRUCTURE AND PROPOSED IMPROVEMENTS RELATED TO THE ADDITION OF A PUBLIC RESTROOM FACILITY.

### DEFERRED SUBMITTALS

- PREFABRICATED RESTROOM BUILDING, ARCHITECTURAL AND ENGINEERING, PER THE SPECIFICATIONS

### USE & OCCUPANCY (GROUP U)

THE USE OF THE RESTROOM FACILITIES SHALL BE FOR THE GENERAL PUBLIC. THE USE OF THE RESTROOM FACILITY SHALL BE OVERSEEN AND MANAGED BY THE COUNTY OF RIVERSIDE. THE OCCUPANCY SHALL BE DETERMINED BY THE AWARDED CONTRACTOR, THE PREFABRICATED RESTROOM MANUFACTURER, AND THE COUNTY OF RIVERSIDE FIRE DEPARTMENT.

### CONSTRUCTION TYPE

THE CONSTRUCTION TYPE OF THE RESTROOM FACILITY SHALL BE PREFABRICATED.

### PROPERTY INFORMATION

OWNER:  
RIVERSIDE COUNTY OFFICE OF ECONOMIC DEVELOPMENT  
ATTN: ERIK V. SYDOW, PRINCIPAL DEVELOPMENT SPECIALIST  
3403 TENTH STREET, SUITE 400  
RIVERSIDE, CA 92501

ASSESSOR'S PARCEL NO.:  
563-292-003

SOURCE OF TOPOGRAPHY:  
FIELD SURVEY PERFORMED BY COZAD & FOX, INC.  
ON 05/31/2022

PROJECT ADDRESS:  
54385 NORTH CIRCLE DRIVE  
IDYLLWILD, CA 92549

RESTROOM EASEMENT LEGAL DESCRIPTION:  
SOUTHEAST QUARTER OF SECTION 7, T.5S., R.3E., S.B.M. SAID PARCEL HAS AN APN OF 563-292-003, SAID RESTROOM EASEMENT COMMENCING AT MOST NORTHERLY CORNER OF PARCEL 1, AS SHOWN ON R.S. RECORDED IN BK 43, PG 51 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CA, SAID POINT BEING ON SOUTHEASTERLY RIGHT OF WAY OF NORTH CIRCLE DRIVE AS SHOWN PER AFOREMENTIONED R.S. 43/51, 21 FEET X 21 FEET CONTAINING AN AREA OF 441 SQ FEET.

### DESCRIPTION OF BENCHMARK

AT THE SOUTHEAST CORNER OF THE INTERSECTION OF NORTH CIRCLE DRIVE AND IDYLLWILD ROAD, 83 FEET EAST OF IDYLLWILD ROAD, 40 FEET SOUTH OF NORTH CIRCLE ROAD, 7 FEET SOUTHWEST OF A FLAG POLE AND IN A RUBBLE WALL PLANTER, SET A BRASS DISK TOP OF A CONCRETE POST AND MARKED 1-10.

### BASIS OF BEARING

THE BASIS OF BEARING FOR THIS PLAN IS THE NORTHEASTERLY LINE OF PARCEL 1 OF R.S. 43/51, BEING N39°26'45"W, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

### PRE-GRADING/PRE-CONSTRUCTION NOTES

A PRE-GRADING/PRE-CONSTRUCTION MEETING AND SITE INSPECTION SHALL BE ARRANGED FOR BY THE SITE DEVELOPER PRIOR TO COMMENCING GRADING OPERATIONS. THOSE PARTIES REQUIRED TO ATTEND THE PRE-CONSTRUCTION MEETING SHALL INCLUDE BUT ARE NOT LIMITED TO THE DEVELOPER, PROJECT SUPERINTENDENT, ENGINEER OF RECORD, SOIL ENGINEER, GRADING CONTRACTOR AND UNDERGROUND UTILITIES CONTRACTOR. REPRESENTING THE DEPARTMENT OF FACILITIES MANAGEMENT SHALL BE THE GRADING PLAN CHECKER AND/OR GRADING INSPECTOR. THE FOCUS OF THE PRE-CONSTRUCTION MEETING SHALL BE TO DISCUSS THE VARIOUS ASPECTS AND RESPONSIBILITIES OF THE GRADING PROJECT AND TO PROVIDE AN APPROXIMATE TIMETABLE FOR THE COMPLETION OF ROUGH GRADING. ARRANGE FOR A PRE-GRADING/PRE-CONSTRUCTION MEETING RESPONSIBLE FOR PROVIDING YOUR GRADING AND BUILDING INSPECTIONS. CALL THE DEPARTMENT OF FACILITIES MANAGEMENT AT 951-955-9021 TO SETUP A PRE-CONSTRUCTION MEETING.

### OPINION OF EARTHWORK

CUBIC YARDS OF CUT: 67 C.Y. (RAW) CUBIC YARDS OF FILL: 67 C.Y.(RAW) THE OPINION OF EARTHWORK QUANTITIES SHOWN ABOVE ARE UNADJUSTED GROSS VOLUMES AND DO NOT INCLUDE THE EFFECTS OF SCARIFYING, OVER-EXCAVATION, RE-COMPACTION, SHRINKAGE, SUBSIDENCE OR OTHER FACTORS AND ARE SUBJECT TO FIELD CONDITIONS THAT MAY BE SPECIFIED IN THE PRELIMINARY SOILS REPORT AND ARE FOR REFERENCE AND FEE PURPOSES ONLY. SINCE THE CIVIL ENGINEER CANNOT CONTROL THE EXACT METHOD OR MEANS USED BY THE CONTRACTOR DURING GRADING OPERATIONS, NOR CAN THE CIVIL ENGINEER GUARANTEE THE EXACT SOIL CONDITIONS OVER THE ENTIRE SITE, THE CIVIL ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL EARTHWORK QUANTITIES.

THE CONTRACTOR IS ADVISED TO PREPARE HIS OWN ESTIMATES OF EARTHWORK FOR THE PURPOSES OF BIDDING, CONTRACT AND CONSTRUCTION.

### IMPERVIOUS AREA FOR GRADING PLAN LIMITS

EXISTING TOTAL AREA OF THE PORTION OF PARCEL 1 OF PM 54/24,25: 110,334 SF NET / 2.06 ACRES  
AREA OF GRADING LIMITS: 3,164 SQ FT. 0.07 ACRES.  
EXISTING IMPERVIOUS AREA WITHIN GRADING LIMITS: EXISTING TOTAL = 2,148 SF  
PROPOSED IMPERVIOUS AREA WITHIN GRADING LIMITS: PROPOSED TOTAL = 1,016 SF (HOME, PARKING AREA, AND DRIVEWAY)  
THE ENGINEER OF RECORD WHO PREPARED AND SIGNED THE GRADING PLAN HAS VERIFIED THAT THE PROPOSED DRAINAGE SYSTEM IS CONSISTENT WITH THE NATURAL DRAINAGE PATTERN OF THE SITE AND WILL NOT ADVERSELY AFFECT ADJACENT PROPERTIES OR EXCEED THAT WHICH EXISTED PRIOR TO GRADING.



NOTE:  
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design herein. In the event of discrepancies arising after county approval or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the county.

Engineer			Revisions:		County	
Mark:	By:	Date:	Description:		Appr.	Date
Designed By: L.VIT & D.SCH			Drawn By: L.VIT & D.SCH		Checked By: B.FOX	



Engineering Company  
  
CIVIL / STRUCTURAL ENGINEERS  
MUNICIPAL CONSULTANTS / PLANNERS  
SURVEYORS / GPS 151 South Girard  
Street Hermet, Ca 92544 TEL (951)  
652-4454 FAX (951) 766-8942 E-MAIL  
bfox@kbcsozad.com  
Prepared Under The Supervision Of:  
  
BRIAN D. FOX, P.E.; R.C.E. NO. 57264  
11/10/2022  
DATE

GRADING PERMIT  
BMP #XX  
BGR 2000XX

Benchmark:	COUNTY OF RIVERSIDE, CALIFORNIA MILE HI PLAZA, IDYLLWILD FOR PARCEL 1 OF PARCEL MAP 7004 (APN 563-292-003)			Sheet No.
SEE ABOVE FOR DESCRIPTION				1
SCALE: AS SHOWN	For: JOB No. 2202300.00	W.O.	County File No.	OF 4_SHTS



### COMPLETION OF WORK

A REGISTERED CIVIL ENGINEER SHALL PREPARE FINAL COMPACTION REPORT/GRADING REPORT AND IT SHALL BE SUBMITTED TO THE DEPARTMENT OF FACILITIES MANAGEMENT FOR REVIEW AND APPROVAL. THE REPORT SHALL INCLUDE BUILDING FOUNDATION DESIGN PARAMETERS (ALLOWABLE SOIL PRESSURES, ETC.), EXPANSION INDEX (AND DESIGN ALTERNATIVES IF EI > 20), WATER SOLUBLE SULFATE CONTENT, CORROSIVITY AND REMEDIAL MEASURES IF NECESSARY.

24. EXCEPT FOR NON-TRACT SINGLE RESIDENTIAL LOT GRADING, THE COMPACTION REPORT SHALL INCLUDE THE SPECIAL INSPECTION VERIFICATIONS LISTED ON TABLE 7105.6 OF 2016 CBC.

25. THE COUNTY OF RIVERSIDE REQUIRES A LICENSED PROFESSIONAL ENGINEER TO SUBMIT A WET SIGNED AND STAMPED ROUGH GRADING CERTIFICATION WHICH INCLUDES PAD ELEVATIONS PRIOR TO REQUESTING INSPECTION AND ISSUANCE OF THE BUILDING PERMIT.

26. ROUGH GRADE ONLY PERMITS: IN ADDITION TO OBTAINING ALL REQUIRED INSPECTIONS AND APPROVAL OF ALL FINAL REPORTS, ALL SITES PERMITTED FOR ROUGH GRADE ONLY SHALL PROVIDE VEGETATIVE COVERAGE (100 PERCENT) OR OTHER MEANS OF SITE STABILIZATION APPROVED BY ENVIRONMENTAL COMPLIANCE DIVISION, PRIOR TO RECEIVING A ROUGH GRADE PERMIT FINAL.

27. A REGISTERED CIVIL ENGINEER SHALL SUBMIT TO THE BUILDING AND SAFETY DEPARTMENT WRITTEN FINAL CERTIFICATION OF COMPLETION OF GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN PRIOR TO THE REQUEST OF PRECISE GRADING INSPECTION.  
CUT AREA UNDER BUILDING SHALL BE OVER EXCAVATED (2 FEET BELOW FOOTING AND 5 FEET BEYOND THE BUILDING LINE OR PER RECOMMENDATIONS PROVIDED IN THE SOILS REPORT) AND RECOMPACTED WHEN A BUILDING FOOTPRINT CROSSES CUT-FILL TRANSITION. SHOW THIS PROVISION ON PLAN. (CBC 1808.2)

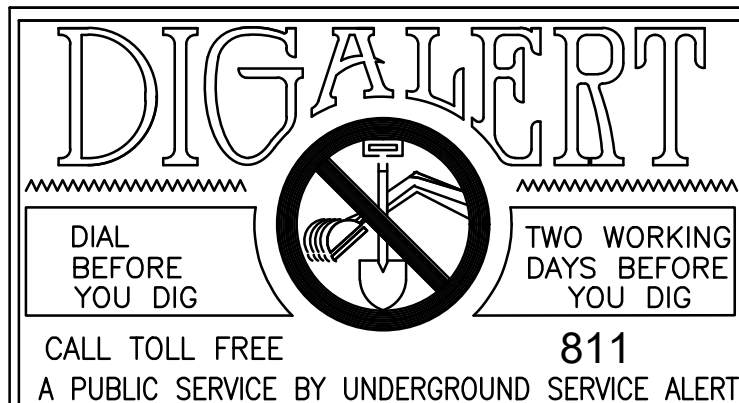
**NPDES NOTES (NPDES PERMIT NOT REQUIRED)**

1. ALL GRADING SHALL CONFORM TO THE 2019 CALIFORNIA BUILDING CODE CHAPTER 17, 18 & APPENDIX-J AS AMENDED BY ORDINANCE 457.
2. ALL PROPERTY CORNERS, GRADING BOUNDARIES AND ALL CONSERVATION AREAS/LEAST SENSITIVE AREA (LSA) DETERMINED BY THE ENVIRONMENTAL PROGRAMS DEPARTMENT (EPD) SHALL BE CLEARLY DELINEATED AND STAKED IN THE FIELD PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION/GRADING.
3. ALL WORK UNDER THIS PERMIT SHALL BE LIMITED TO WORK WITHIN THE PROPERTY LINES. ALL WORK WITHIN THE ROAD RIGHT-OF-WAY WILL REQUIRE SEPARATE PLANS AND A SEPARATE REVIEW-APPROVAL (PERMIT) FROM THE TRANSPORTATION DEPARTMENT.
4. ALL GRADING SHALL BE DONE UNDER THE SUPERVISION OF A SOILS ENGINEER IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE PRELIMINARY SOILS INVESTIGATION PREPARED BY LANDMARK CONSULTANTS, INC., 77-948 WILDCAT DRIVE, PALM DESERT, CA (760) 360-0665. REPORT NO. LP22158
5. COMPACTED FILL TO SUPPORT ANY STRUCTURES SHALL COMPLY WITH SECTION 1803.5.8. PROJECTS WITHOUT A PRELIMINARY SOILS REPORT SHALL INCLUDE DETAILED SPECIFICATIONS IN ACCORDANCE WITH SECTIONS 1803.2 AND 1803.5 PREPARED BY THE ENGINEER OF RECORD.
6. THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGEMENT DEPARTMENT AT LEAST 24 HOURS IN ADVANCE TO REQUEST FINISH LOT GRADE AND DRAINAGE INSPECTION. THIS INSPECTION MUST BE APPROVED PRIOR TO BUILDING PERMIT FINAL INSPECTION FOR EACH LOT.
7. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT, TWO DAYS BEFORE DIGGING AT 811.
8. PRIOR TO GRADING, A MEETING SHALL BE SCHEDULED WITH A RIVERSIDE COUNTY ENVIRONMENTAL COMPLIANCE INSPECTOR PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.

1. CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (BMPs) FOR THE MANAGEMENT OF STORM WATER AND NON-STORMWATER DISCHARGES SHALL BE DOCUMENTED ON THE GRADING PLAN WHICH THEREBY BECOMES THE SITE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). ARRANGEMENTS SHALL BE MADE BY THE DEVELOPER TO RETAIN THE SWPPP ON THE JOBSITE THROUGHOUT THE TIME OF CONSTRUCTION. THE IMPLEMENTATION AND MAINTENANCE OF SITE BMPs IS REQUIRED TO MINIMIZE JOBSITE EROSION AND SEDIMENTATION. CERTAIN BMPs MAY BE REQUIRED TO REMAIN IN PLACE THROUGHOUT THE YEAR TO MINIMIZE EROSION AND SEDIMENTATION. ARRANGEMENTS SHALL BE MADE BY THE DEVELOPER TO MAINTAIN THOSE BMPs THROUGHOUT THE TIME OF CONSTRUCTION.
2. EROSION CONTROL BMPs SHALL BE IMPLEMENTED AND MAINTAINED TO MINIMIZE THE ENTRAINMENT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON CONSTRUCTION SITES.
3. SEDIMENT CONTROL BMPs SHALL BE IMPLEMENTED AND MAINTAINED TO MINIMIZE THE TRANSPORT OF SOIL FROM THE CONSTRUCTION SITE.
4. GRADING SHALL BE PHASED TO LIMIT THE AMOUNT OF DISTURBED AREA EXPOSED TO THE EXTENT FEASIBLE.
5. AREAS THAT ARE CLEARED AND GRADED SHALL BE LIMITED TO ONLY THE PORTION OF THE SITE THAT IS NECESSARY FOR CONSTRUCTION. THE CONSTRUCTION SITE SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
6. ONCE DISTURBED, SLOPES (TEMPORARY OR PERMANENT) SHALL BE STABILIZED IF THEY WILL NOT BE WORKED WITHIN 21 DAYS. DURING THE STORM SEASON, ALL SLOPES SHALL BE STABILIZED PRIOR TO A PREDICTED STORM EVENT. CONSTRUCTION SITES SHALL BE REVEGETATED AS EARLY AS FEASIBLE AFTER SOIL DISTURBANCE.
7. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
8. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. DISCHARGES OTHER THAN STORMWATER (NON-STORMWATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT-CONSTRUCTION ACTIVITY. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; WASTES FROM STREET CLEANING; AND SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
9. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITE AND MUST NOT BE DISCHARGED TO RECEIVING WATERS OR THE LOCAL STORM DRAIN SYSTEM.
10. APPROPRIATE BMPs FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS OR RESIDUES SHALL BE IMPLEMENTED TO ELIMINATE OR REDUCE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTIES BY WIND OR RUNOFF.
11. ALL CONSTRUCTION CONTRACTORS AND SUBCONTRACTOR PERSONNEL ARE TO BE TRAINED IN THE IMPLEMENTATION AND USE OF THE REQUIRED BMPs AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS AND ALL TRAINING DOCUMENTATION SHALL BE MAINTAINED IN THE SWPPP.
12. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NONCONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FROM THE REGIONAL WATER QUALITY CONTROL BOARD.
13. BMPs SHALL BE MAINTAINED AT ALL TIMES. IN ADDITION, BMPs SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS.
14. ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED OF IN TRASH OR RECYCLE BINS DAILY.

3. DRAINAGE ACROSS PROPERTY LINES SHALL NOT EXCEED THAT WHICH EXISTED PRIOR TO GRADING. EXCESS OR CONCENTRATED DRAINAGE SHALL BE CONTAINED ON SITE OR DIRECTED TO AN APPROVED DRAINAGE FACILITY. EROSION OF THE GROUND IN THE AREA OF DISCHARGE SHALL BE PREVENTED BY INSTALLATION OF NON-EROSIVE DOWN DRAINS OR OTHER DEVICES.
3. PROVIDE A PAVED SLOPE INTERCEPTOR DRAIN ALONG THE TOP OF CUT SLOPES WHERE THE DRAINAGE PATH IS GREATER THAN 40 FEET TOWARDS THE CUT SLOPE.
4. PROVIDE 5' WIDE BY 1' HIGH BERM ALONG THE TOP OF ALL FILL SLOPES STEEPER THAN 3:1 (HORIZONTAL TO VERTICAL).
5. THE GROUND SURFACE IMMEDIATELY ADJACENT TO THE BUILDING FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL (5-PERCENT SLOPE) FOR A MINIMUM DISTANCE OF 10 FEET MEASURED PERPENDICULAR TO THE FACE OF THE FOUNDATION.
6. NO OBSTRUCTION OF NATURAL WATER COURSES SHALL BE PERMITTED.
7. DURING ROUGH GRADING OPERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL (BEST MANAGEMENT PRACTICES, BMPs) SHALL BE PROVIDED TO PREVENT PONDING WATER AND DRAINAGE TO ADJACENT PROPERTIES.
8. DUST CONTROL SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS.
9. FUGITIVE DUST CONTROL: CONSTRUCTION SITES SUBJECT TO PM10 FUGITIVE DUST MITIGATION SHALL COMPLY WITH AQMD RULE 403.1.
10. ALL EXISTING DRAINAGE COURSES AND STORM DRAIN FACILITIES SHALL CONTINUE TO FUNCTION. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING GRADING OPERATIONS.
11. FOR ALL SLOPES STEEPER THAN 4 TO 1 (H/V): ALL SLOPES EQUAL TO OR GREATER THAN 3:1 IN VERTICAL HEIGHT ARE REQUIRED TO BE PLANTED WITH AN APPROVED DROUGHT-TOLERANT GROUND COVER AT A MINIMUM SPACING OF 12 CENTER OR AS APPROVED BY THE ENGINEER OF RECORD OR THE REGISTERED LANDSCAPE ARCHITECT AND DROUGHT-TOLERANT SHRUBS SPACED AT NO MORE THAN 10' ON CENTER. SLOPES EXCEEDING 15' VERTICAL HEIGHT SHALL BE PLANTED WITH APPROVED SHRUBS NOT TO EXCEED 10' ON CENTER, OR TREES SPACED NOT TO EXCEED 20' ON CENTER, OR A COMBINATION OF SHRUBS AND TREES NOT TO EXCEED 15' IN ADDITION TO THE GRASS OR GROUND COVER. SLOPES THAT REQUIRE PLANTING SHALL BE PROVIDED WITH AN IN-GROUND IRRIGATION SYSTEM EQUIPPED WITH AN APPROPRIATE BACKFLOW DEVICE PER C.P.C. CHAPTER 6. THE SLOPE PLANTING AND IRRIGATION SYSTEM SHALL BE INSTALLED AS SOON AS POSSIBLE UPON COMPLETION OF ROUGH GRADING. ALL PERMANENT SLOPE PLANTING SHALL BE ESTABLISHED AND IN GOOD CONDITION PRIOR TO SCHEDULING PRECISE GRADE INSPECTION.

1. INSPECTIONS ARE REQUIRED BY THE COUNTY OF RIVERSIDE FACILITIES MANAGEMENT DESIGN AND CONSTRUCTION DEPARTMENT AT THE TIME THE BASE IS PLACED AND WHEN THE A.C. IS BEING PLACED.
2. AN APPROVED SOIL STERILIZER SHALL BE USED ON ALL SUB-GRADE SURFACES PRIOR TO PLACEMENT OF PAVING.
3. ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN FOURTEEN (14) DAYS FOLLOWING THE PLACEMENT OF THE ASPHALT SURFACING AND SHALL BE APPLIED AT A RATE OF 0.05 GALLONS PER SQUARE YARD. ASPHALT EMULSIONS SHALL CONFORM TO SECTIONS 37, 39, AND 94 OF THE STATE STANDARD SPECIFICATIONS.
4. PRIOR TO CONSTRUCTION OF ASPHALT CONCRETE PAVEMENT AN APPLICATION OF WEED KILLER SHALL BE APPLIED TO THE TOP OF CLASS II AB BASE.
5. A COMPACTION REPORT BY A SOILS ENGINEER SHALL CERTIFY 95% COMPACTION MODIFIED PROCTOR TEST OF BASE FOR A.C. PRIOR TO CALL FOR SECOND INSPECTION AND PLACEMENT OF ASPHALT PAVING.
6. ASPHALT CONCRETE SHALL CONFORM TO ALL PROVISIONS OF SECTION 203-6 OF THE CURRENT STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION. MINIMUM THICKNESS IS TWO (2) INCHES, MAXIMUM THICKNESS IS THREE (3) INCHES OR AS DIRECTED BY THE TRAFFIC INDEX (TI).
7. CONTRACTOR SHALL PROVIDE SLURRY TO ALL ASPHALT CONCRETE.



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SHALL NOT COMMENCE UNTIL AN  
ENCROACHMENT PERMIT AND/OR A  
GRADING PERMIT HAS BEEN ISSUED.

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Engineer			Revisions:	County	
Mark:	By:	Date:	Description:	Appr.	Date
Designed By: L.VIT & D.SCH			Drawn By: L.VIT & D.SCH	Checked By: B.FOX	



BRIAN D. FOX, P.E.; R.C.E. NO. 57264

CIVIL / STRUCTURAL ENGINEERS  
MUNICIPAL CONSULTANTS / PLANNERS  
SURVEYORS / GPS 151 South Girard  
Street Hemet, Ca 92544 TEL. (951)  
652-4454 FAX (951) 766-8942 E-MAIL  
bfox@kbcozad.com

Supervision Of: \_\_\_\_\_

57264 \_\_\_\_\_ 11/10/2022

DATE

SEE ABOVE FOR DESCRIPTION

SCALE: AS SHOWN

COUNTY OF RIVERSIDE, CALIFORNIA  
MILE HI PLAZA, IDYLLWILD  
FOR  
PARCEL 1 OF PARCEL MAP 7004  
(APN 563-292-003)

For: JOB No. 2202300.00

W.O.	County File No.
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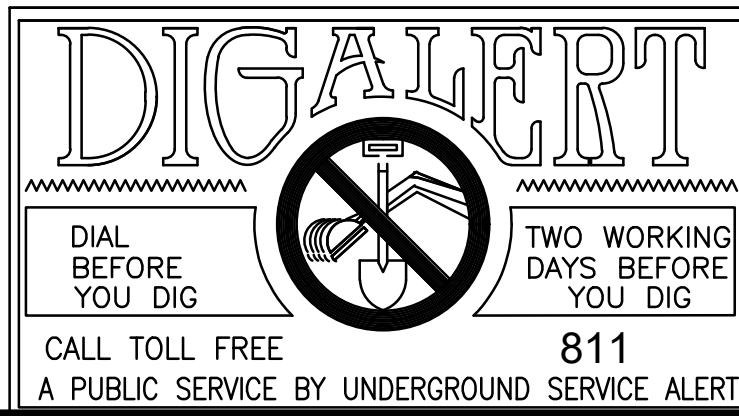
OF 4 SHOTS



November 10, 2022 at 9:45am 2:2202300.dwg(2202300.00 SITE PLAN.dwg by MS210 on MS-210

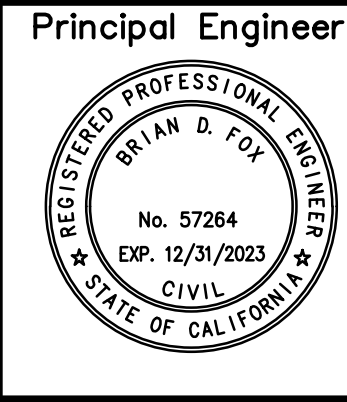
CONSULTANT PLAN CHECK ENGINEER

APPROVED AS TO CONFORMANCE WITH APPLICABLE COUNTY STANDARDS AND PRACTICES.



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1. WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.  
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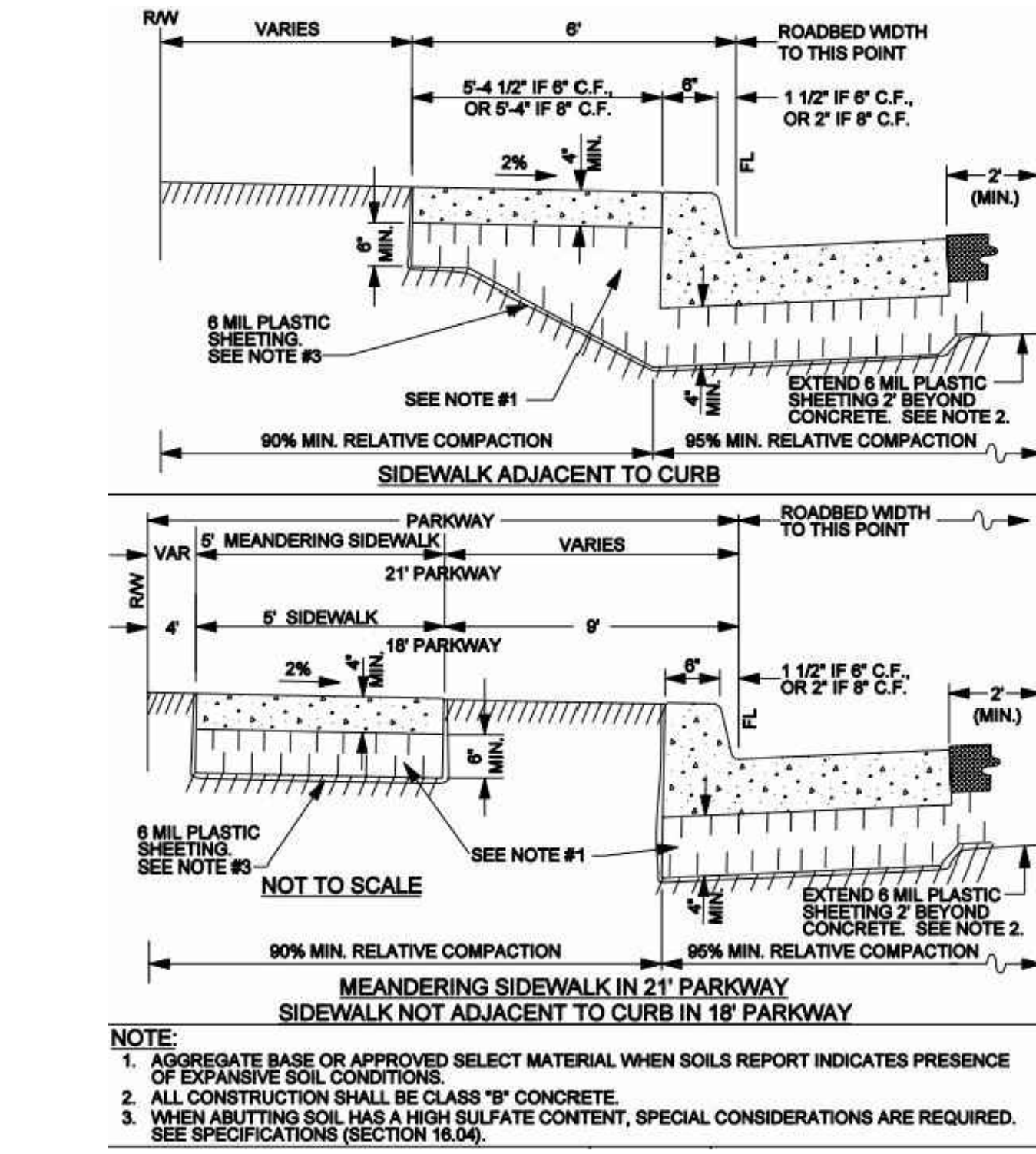
Engineer			Revisions:		County	
Mark:	By:	Date:	Description:		Appr.	Date
Designed By: L.VIT & D.SCH			Drawn By: L.VIT & D.SCH		Checked By: B.FOX	



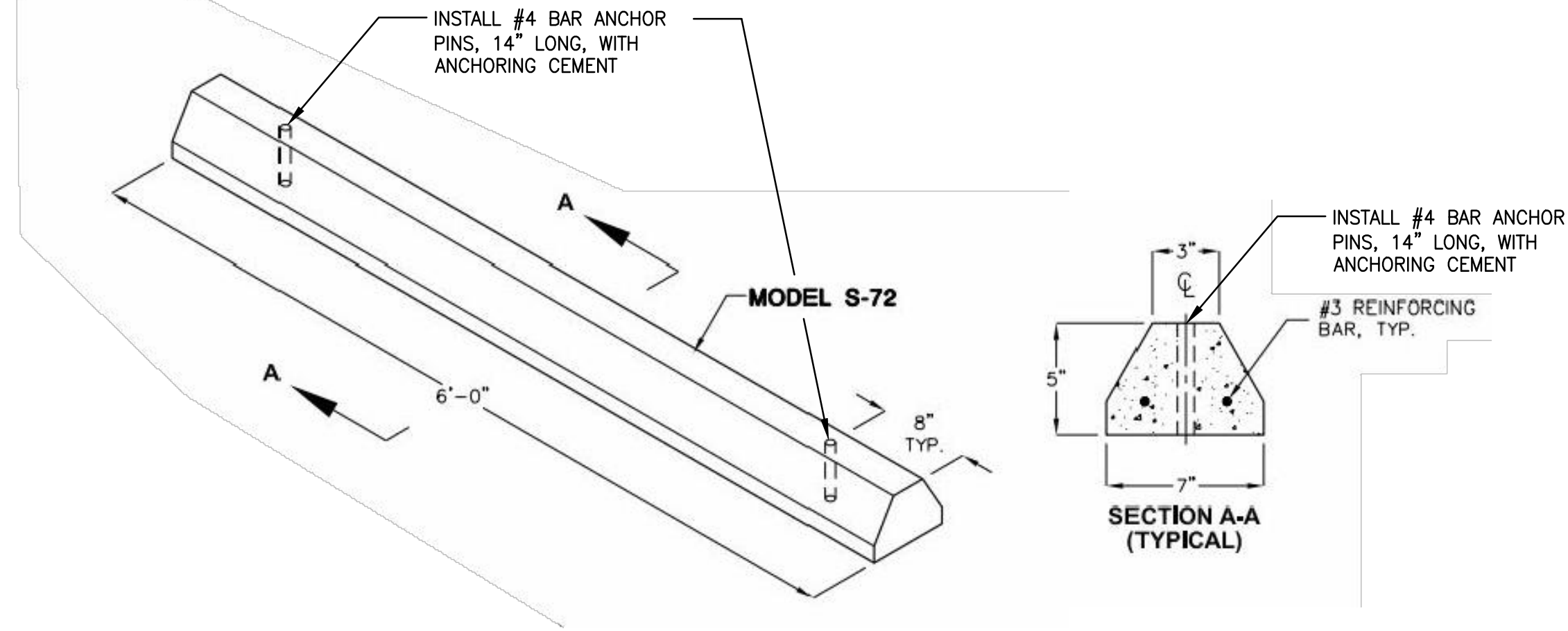
Engineering Company  
**Corad & Fox, Inc.**  
CIVIL / STRUCTURAL ENGINEERS  
MUNICIPAL CONSULTANTS / PLANNERS  
SURVEYORS / GPS 151 South Girard  
Street Hemet, Ca 92544 TEL. (951)  
652-4454 FAX (951) 766-8942 E-MAIL  
bfox@kbcorad.com  
Prepared Under The Supervision Of:  
*Brian D. Fox*  
BRIAN D. FOX, P.E.; R.C.E. NO. 57264  
11/10/2022  
DATE

Benchmark:  
SEE ABOVE FOR DESCRIPTION  
SCALE: AS SHOWN

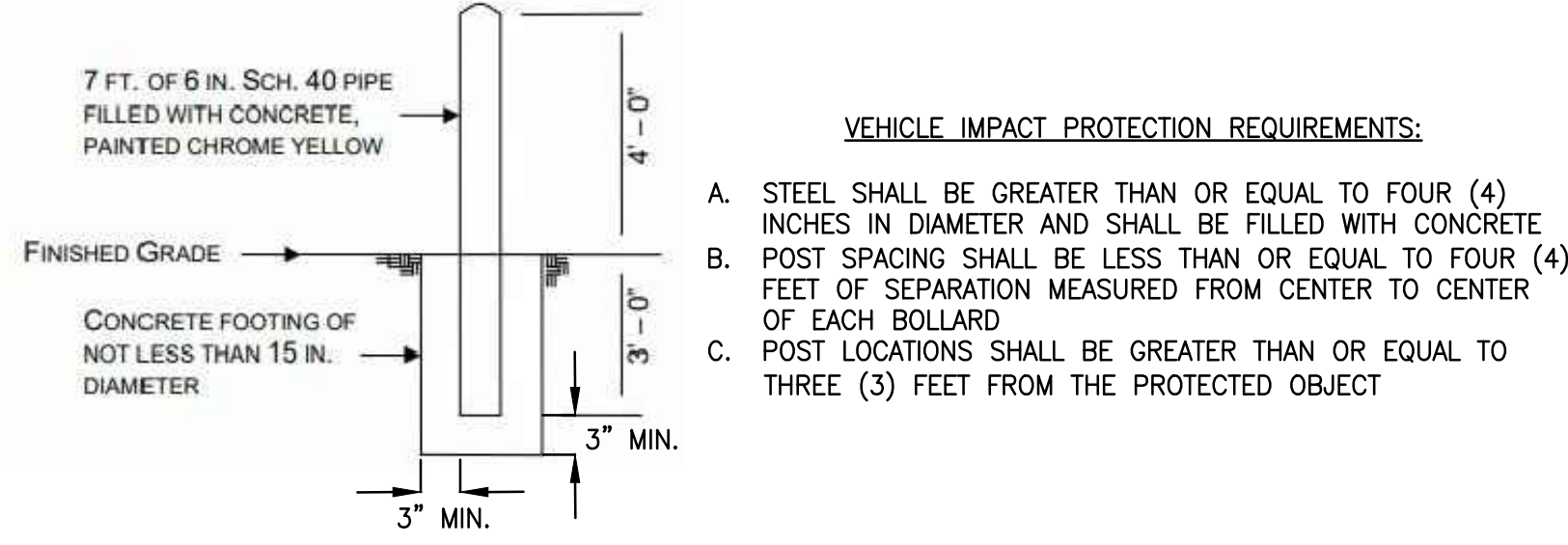
COUNTY OF RIVERSIDE, CALIFORNIA MILE HI PLAZA, IDYLLWILD FOR PARCEL 1 OF PARCEL MAP 7004 (APN 563-292-003)			Sheet No. 3 OF 4_SHTS
For: JOB No. 2202300.00	W.O.	County File No.	



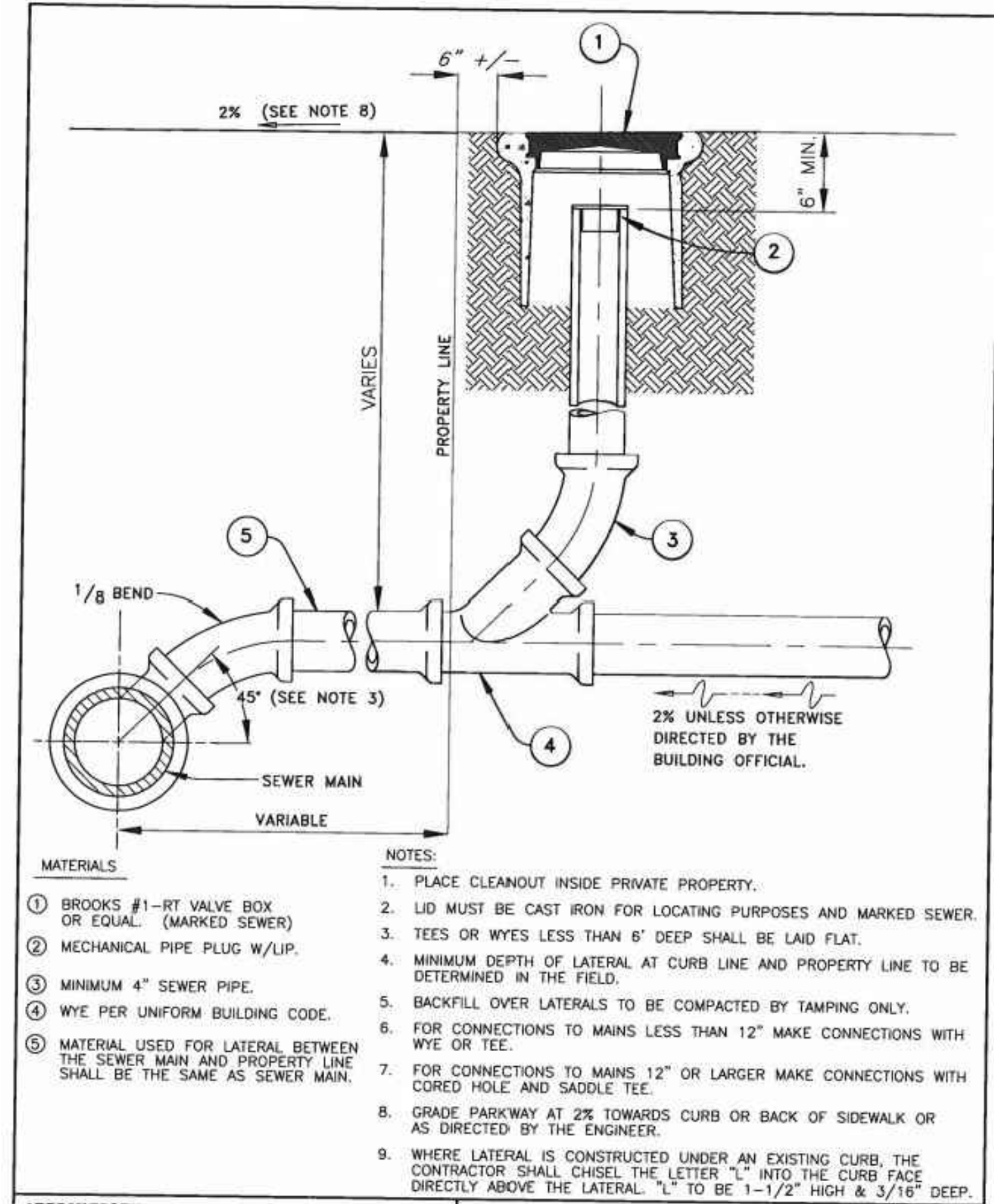
**JENSEN PRECAST STANDARD WHEEL STOP MODEL S-72**  
DETAIL (OR SIMILAR)  
N.T.S.



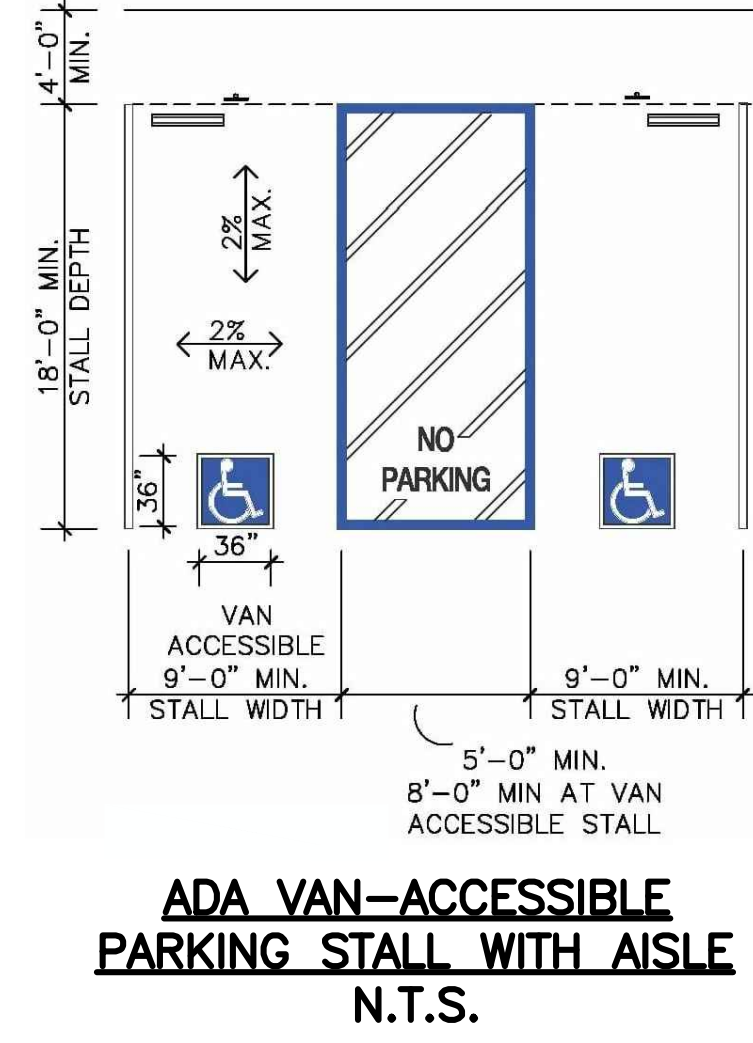
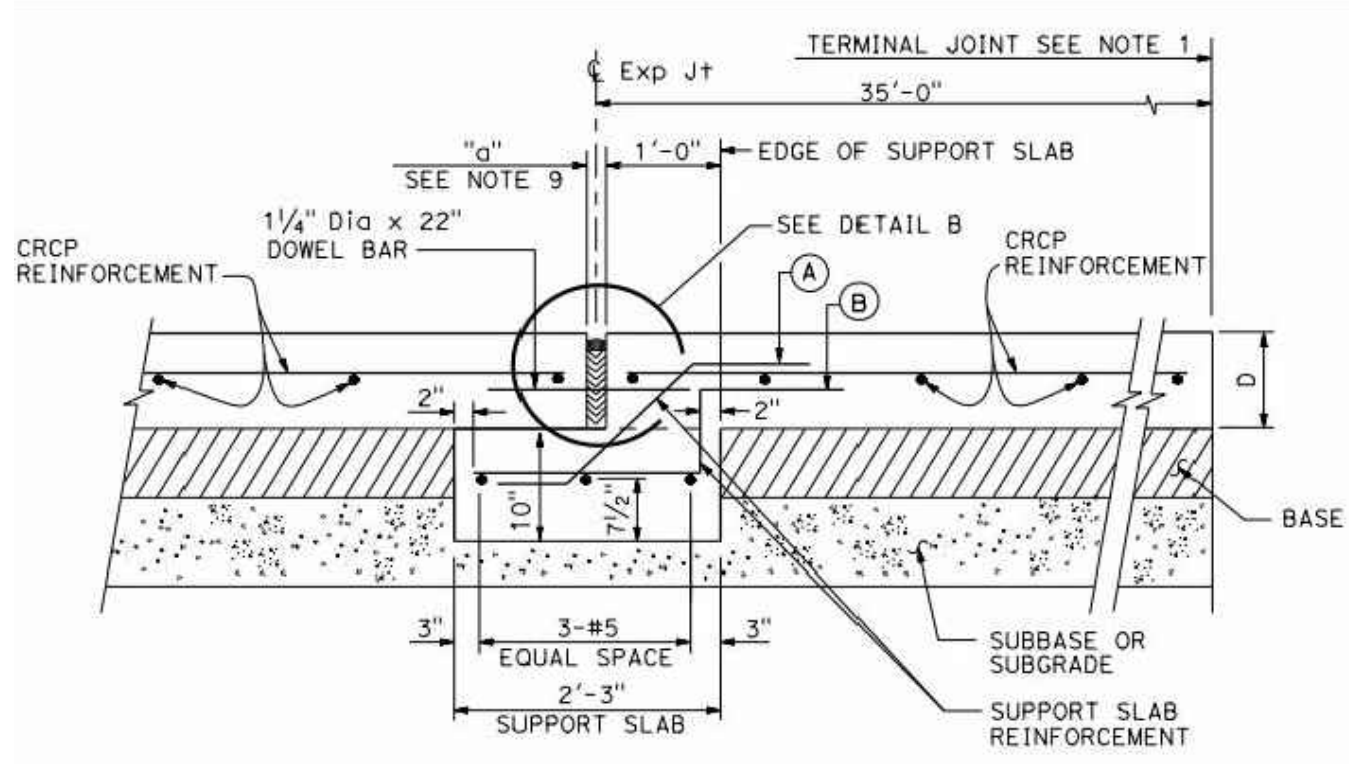
**RIVERSIDE COUNTY FIRE DEPARTMENT BOLLARD DETAIL**  
N.T.S.



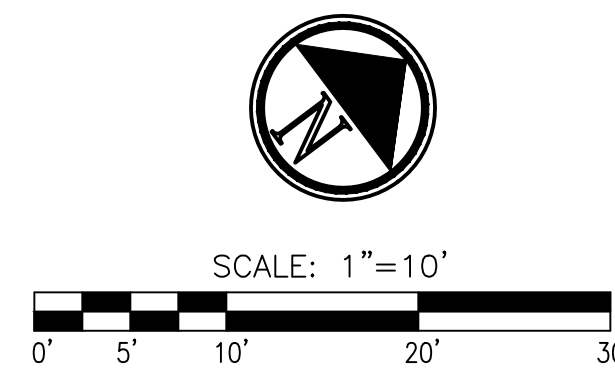
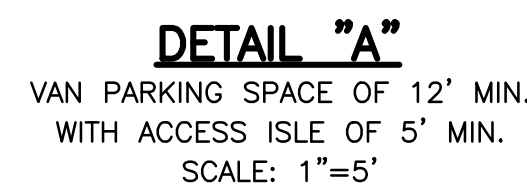
- VEHICLE IMPACT PROTECTION REQUIREMENTS:**
- STEEL SHALL BE GREATER THAN OR EQUAL TO FOUR (4) INCHES IN DIAMETER AND SHALL BE FILLED WITH CONCRETE
  - POST SPACING SHALL BE LESS THAN OR EQUAL TO FOUR (4) FEET OF SEPARATION MEASURED FROM CENTER TO CENTER OF EACH BOLLARD
  - POST LOCATIONS SHALL BE GREATER THAN OR EQUAL TO THREE (3) FEET FROM THE PROTECTED OBJECT



**CALTRANS STANDARD PLAN RSP P31B**  
EXPANSION JOINT DETAIL  
N.T.S.







NOTE:  
WATER & SEWER SERVICE  
TO BE COORDINATED WITH  
IDYLLWILD WATER DISTRICT

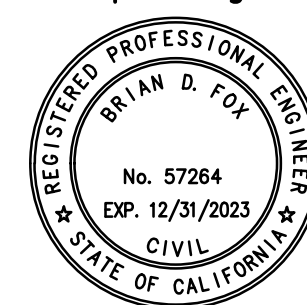
CONSTRUCTION NOTES	
NO.	DESCRIPTION
①	SAW CUT A.C. PAVING OR CONCRETE TO A SMOOTH FINISH
②	REMOVE EXISTING A.C. PAVEMENT AND BASE
③	REMOVE EXISTING CONCRETE SIDEWALKS AND PADS
④	PROTECT EXISTING SIDEWALK
⑤	CONSTRUCT 4" HMA PAVEMENT OVER 6" CLASS II BASE OVER 6" COMPACTED SUB-GRADE
⑥	CONSTRUCT 4" PCC SIDEWALK OVER 6" CLASS II BASE OVER 6" COMPACTED SUB-GRADE PER COUNTY OF RIVERSIDE STD. NO. 401, PLACE CONTROL JOINTS EVERY EIGHT FEET.
⑦	PAINT HANDICAPPED PARKING STALLS & ACCESS PATH PER RIVERSIDE COUNTY & ADA SPECIFICATIONS
⑧	INSTALL HANDICAPPED SIGNAGE PER RIVERSIDE COUNTY & ADA STDS. & SPECIFICATIONS, SEE DETAIL ON SHEET #3
⑨	INSTALL CONCRETE WHEEL STOPS, SEE DETAIL ON SHEET #3
⑩	INSTALL PIPE BOLLARD
⑪	CONSTRUCT AC SWALE, SEE DETAIL ON THIS SHEET (SHEET #4)
⑫	INSTALL SEWER LATERAL & CLEANOUT, SEE DETAIL ON SHEET #3

**NOTE:**  
WORK CONTAINED WITHIN THESE PLANS  
SHALL NOT COMMENCE UNTIL AN  
ENCROACHMENT PERMIT AND/OR A  
GRADING PERMIT HAS BEEN ISSUED.

The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design hereon. In the event of discrepancies arising after county approval or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the county.

Engineer			Revisions:		County	
Mark:	By:	Date:	Description:		Appr.	Date
Designed By: C.N.C.			Drawn By: C.N.C.		Checked By: B. FOX	

Principal Engineer



Engineering Company



Prepared Under The Supervision Of

BRIAN D. FOX, P.E.; R.C.E. NO. 5726

CIVIL / STRUCTURAL ENGINEERS  
MUNICIPAL CONSULTANTS / PLANNERS  
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652-4454 FAX (951) 766-8942 E-MAIL  
bfox@kbcozad.com

Benchmark:

R-311  
SEE ABOVE FOR DESCRIPTION

SCALE: AS SHOWN

COUNTY OF RIVERSIDE, CALIFORNIA  
MILE HI PLAZA, IDYLLWILD  
FOR  
PARCEL 1 OF PARCEL MAP 7004  
(APN 563-292-003)

Sheet No.

4

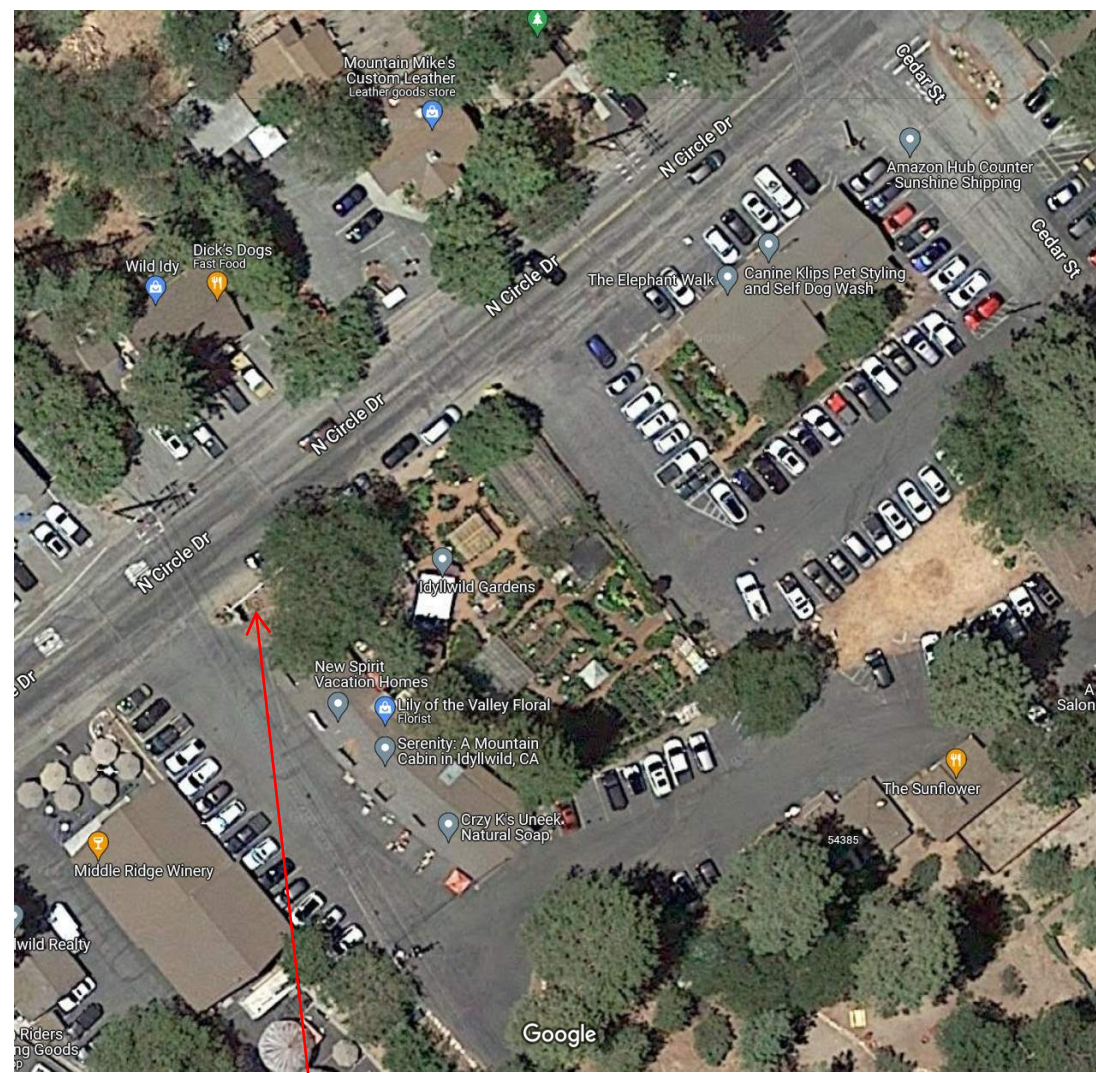
OF 4 SHTS

For:	JOB No. 2202300.00
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	W.O.
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County	File No
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<div><div>VICINITY MAP</div><div></div><div>PROJECT LOCATION: 54321 North Circle Drive Idylwild-Pine Cove, CA 92549</div></div>	<div><div>CONSTRUCTION NOTES</div><div><div><div><div>1. THESE NOTES SHALL BE CONSIDERED A PART OF THIS PROJECT</div><div>2. THE CONTRACTOR SHALL NOTIFY THE COUNTY PROJECT MANAGER OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES AS THEY MAY BE DISCOVERED IN THE PLANS, SPECIFICATIONS, AND NOTES PRIOR TO SUBMISSION OF BID. INCLUDING BUT NOT LIMITED BY DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS, OMISSIONS, OR INCONSISTENCY AFTER THE START OF SUBMISSION OF BID WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE COUNTY PROJECT MANAGER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE METHOD OF CORRECTION SHALL BE APPROVED BY THE ENGINEER.</div><div>3. THE CONTRACTOR SHALL PROTECT THE BUILDING FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION, ANY DAMAGE TO NEW AND EXISTING FINISHES, CONSTRUCTION, STRUCTURE, LANDSCAPING, CURBS, STAIRS, OR EQUIPMENT, ETC. SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER, AT THE EXPENSE OF THE CONTRACTOR.</div><div>4. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR HAS THE RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGE TO THE UTILITIES CAUSED DURING THE EXECUTION OF THE WORK.</div><div>5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE FROM START OF PROJECT TO COMPLETION OF PROJECT.</div><div>6. A COPY OF THE APPROVED PLANS SHALL BE MAINTAINED ON SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS AT THE SITE FOR THE PURPOSE OF DOCUMENTING ALL AS-BUILT CHANGES, REVISIONS, ADDENDUMS, OR CHANGE ORDERS. THE CONTRACTOR SHALL FORWARD THE AS-BUILT DRAWINGS TO THE COUNTY PROJECT MANAGER AT THE CONCLUSION OF THE PROJECT.</div><div>7. ALL CONSTRUCTION THROUGH THE PROJECT SHALL CONFORM TO THE LATEST C.B.C. AND ALL OVER GOVERNING CODES.</div><div>8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND OSHA REGULATION DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON, NOR PROVIDE DIRECTION, AS TO SAFETY PRECAUTIONS AND PROGRAMS.</div><div>9. THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK.</div><div>10. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTIONS WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL OBTAIN THE PERMIT AND MAKE FINAL PAYMENT OF SAID DOCUMENT.</div><div>11. ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE UNLESS OTHERWISE NOTES.</div><div>12. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS.</div><div>13. WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE MINIMUM STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE.</div><div>14. CONTRACTOR SHALL PROVIDE THE FIRE MARSHALL APPROVED MATERIALS TO FILL/SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES.</div><div>15. INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURERS INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.</div><div>16. NEW CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.</div><div>17. WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.</div><div>18. ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.</div><div>19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR PER TERMS OR CONTRACT FROM START OF PROJECT TO COMPLETION OF PROJECT.</div><div>20. THE COUNTY PROJECT MANAGER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES AND SEQUENCES OF PROCEDURE TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.</div><div>21. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSION, ELEVATION, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTION OF THE WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE COUNTY PROJECT MANAGER.</div><div>22. NO CHANGES ARE TO BE MADE WITHOUT THE WRITTEN CONSENT OF THE COUNTY PROJECT MANAGER.</div><div>23. ANY REFERENCE TO THE WORDS APPROVED, OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUB-CONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.</div><div>24. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NO LESS THAN 2-A OR 2-10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA.</div><div>25. ALL NEW OPENINGS IN THE EXTERIOR ENVELOPE OF CONDITIONED SPACES SUCH AS AT WALL AND ROOF PENETRATIONS SHALL BE CAULKED OR SEALED TO LIMIT INFILTRATION OR AIR AND MOISTURE.</div><div>26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEM EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY THE COUNTY OF RIVERSIDE.</div></div><div>DO NOT SCALE DRAWINGS. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE COUNTY IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.</div></div><div><div>GENERAL NOTES</div><div><div><div>1. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED BY UNDERWRITER'S LABORATORIES (UL) AND BEAR THEIR LABEL OR LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AUTHORITY, WHERE UL DOES NOT HAVE A LISTING. CUSTOM MADE EQUIPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTING TO ITS SAFETY. IN ADDITION, THE MATERIALS, EQUIPMENT, AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:  AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA) NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) AMERICAN STANDARD ASSOCIATION (ASA) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) CALIFORNIA ELECTRICAL CODE (CEC) – LATEST EDITION CALIFORNIA CODE OF REGULATIONS TITLE 24 (CCR) INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE) ALL LOCAL CODES HAVING JURISDICTION.  WHERE THE CODES HAVE DIFFERENT LEVELS OF REQUIREMENTS, THE MOST STRINGENT RULE SHALL APPLY.</div><div>2. THE CONTRACTOR SHALL VISIT THE SITE INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND BY SUBMITTING A BID, ACCEPTS THE CONDITIONS UNDER WHICH HE SHALL BE REQUIRED TO PERFORM HIS WORK.</div><div>3. SECURE AND PAY FOR ALL PERMITS, FEES, CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENTAL AGENCIES.</div><div>4. SHOP DRAWINGS SHALL BE SUBMITTED WITHIN TEN DAYS AFTER AWARD OF THE CONTRACT. THE CONTRACTOR SHALL SUBMIT EIGHT COPIES OF A COMPLETE LIST OF MATERIALS AND EQUIPMENT INCLUDING MANUFACTURER AND MODEL NUMBER PROPOSED FOR THE JOB. SHOP DRAWINGS SHALL INCLUDE JOB DESCRIPTION, ARCHITECT AND ENGINEER IDENTIFICATION, AND ALL DATA WITH CAPACITIES, SIZES, DIMENSIONS, CATALOG NUMBERS, AND MANUFACTURER'S BROCHURES. SHOP DRAWINGS SHALL BE SUBMITTED FOR ITEMS LISTED IN SPECIFICATIONS. PARTIAL, INCOMPLETE, OR UNBOUND SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. CONTRACTOR SHALL SUBMIT A SCHEDULE OF ALL SHOP DRAWINGS AND SUBMITTALS WHICH ARE TO BE REVIEWED WITHIN FIVE DAYS OF CONTRACT AWARD.</div><div>5. ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTOR.</div><div>6. EXACT METHOD AND LOCATION OF CONDUIT PENETRATION AND OPENINGS IN CONCRETE OR MASONRY WALLS, GRADEBEAMS, FLOORS OR STRUCTURAL STEEL MEMBERS SHALL BE AS DIRECTED BY THE STRUCTURAL ENGINEER. PERFORM CORING, SAWCUTTING, PATCHING, AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. OPENINGS SHALL BE SEALED IN AN APPROVED METHOD TO MEET THE FIRE RATING OF THE PARTICULAR WALL, FLOOR OR CEILING. EXACT METHOD AND LOCATIONS OF CONDUIT PENETRATIONS AND OPENINGS IN CONCRETE WALLS OR FLOORS SHALL BE UL APPROVED.</div><div>7. CONDUIT, WIRE, AND CONNECTION METHODS IN HVAC AIR-PLenums SHALL BE APPROVED FOR USE IN PLENUMS AND SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE.</div><div>8. WHENEVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, CIRCUIT BREAKERS, GROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS), ARISES ON THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO ENSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE OWNER AND ARCHITECT/ENGINEER.</div><div>9. UTILITY PENETRATIONS OF ANY KIND IN FIRE AND SMOKE PARTITIONS AND CEILING ASSEMBLIES, SHALL BE FIRESTOPPED AND SEALED WITH AN APPROVED UL LISTED SYSTEM OR MATERIAL.  STEEL ELECTRICAL OUTLET BOXES WHICH DO NOT EXCEED 16 SQUARE INCHES IN AREA, NEED NOT BE PROTECTED IN ONE HOUR OR TWO HOUR FIRE RATED WALLS, PARTITIONS, CEILINGS, OR AREA SEPARATION UNLESS THEY  OCCUR ON OPPOSITE SIDES OF THE WALL WITHIN 24 INCH HORIZONTAL DISTANCE OF ONE ANOTHER. IN THIS CASE, ONLY ONE OUTLET BOX NEED TO BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL OR DETAIL TO CORRECT THIS CONDITION.  OCCUR IN COMBINATION WITH OUTLET BOXES OF ANY SIZE SUCH THAT THE AGGREGATE AREA OF UNPROTECTED OUTLET BOXES EXCEEDS 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL AREA. IN THIS CASE, ONLY A SUFFICIENT NUMBER OF OUTLET BOXES NEED BE PROTECTED BY AN APPROVED MATERIAL OR DETAIL TO DECREASE THE AGGREGATE AREA OF UNPROTECTED UTILITY BOXES TO LESS THAN 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL.  STEEL ELECTRICAL OUTLET BOXES WHICH EXCEED 16 SQUARE INCHES IN AREA, AND ALL OTHER STEEL UTILITY OUTLET BOXES REGARDLESS OF SIZE, SHALL BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL AS LISTED OR EQUAL.  STEEL UTILITY BOXES WHICH EXCEED 100 SQUARE INCHES IN AREA SHALL BE PROTECTED BY ENCASEMENT.  UTILITY AND ELECTRICAL OUTLETS OR BOXES SHALL BE SECURELY FASTENED TO THE STUD OF FRAMING OF THE WALL, PARTITION OR CEILING ASSEMBLY. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE GYPSUM BOARD DOES NOT EXCEED 1/8 INCH. IN SMOKE WALLS OR PARTITIONS, THE 1/8 INCH CLEARANCE SHALL BE FILLED WITH AN APPROVED FIRE-RATED SEALANT.</div><div>10. STRAIGHT FEEDER, BRANCH CIRCUIT, AND CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS. LOCATIONS SHALL BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.</div><div>11. THE EXACT LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COORDINATED WITH THE OWNER PRIOR TO INSTALLATION.</div><div>12. DRAWINGS ARE DIAGRAMMATIC ONLY AND DO NOT INDICATE DETAILED CONDUIT ROUTING OR LENGTHS REQUIRED FOR COMPLETE INSTALLATION. ROUTING OF RACEWAYS SHALL BE AT THE OPTION OF THE CONTRACTOR BUT SHALL BE IN STRICT COMPLIANCE WITH CONTRACT DOCUMENTS UNLESS OTHERWISE NOTED.</div><div>13. THE EQUIPMENT GROUNDING CONDUCTOR ALTHOUGH NOT SHOWN ON CONDUIT RUNS SHALL BE INSTALLED AND RUN CONTINUOUS FROM PANEL TO LAST OUTLET. THIS WIRE SHALL BE PIGTAILED IN EACH OUTLET FOR CONNECTION TO BOX AND DEVICE SO THAT IF DEVICE IS REMOVED, GROUND WILL NOT BE INTERRUPTED. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSULATED GREEN CONDUCTORS – ALTERNATE METHODS OF IDENTIFICATION SHALL NOT BE USED. CONTRACTOR SHALL NOTIFY ELECTRICAL ENGINEER TO EXAMINE CONDUCTOR INSTALLATION PRIOR TO INSTALLATION OF DEVICES.</div><div>14. ALL CONDUCTORS SHALL BE UL LISTED COPPER #12 AWG MINIMUM SIZE, TYPE THHN/THWN THERMOPLASTIC, 600 VOLT, 75 DEGREES CELSIUS WET AND 90 DEGREES CELSIUS DRY AND UL LISTED UNLESS NOTED OTHERWISE. CONDUCTORS #12 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #10 AWG AND LARGER SHALL BE STRANDED.</div><div>15. PULL BOXES: FOR INTERIOR DRY LOCATIONS, BOXES SHALL BE GALVANIZED ONE-PIECE, DRAWN STEEL, KNOCKOUT TYPE WITH REMOVABLE MACHINE SCREW SECURED COVERS, FOR OUTSIDE, DAMP, OR SURFACE LOCATIONS, BOXES SHALL BE HEAVY CAST ALUMINIUM OR CAST IRON WITH REMOVABLE, GASKETED, NON-FERROUS MACHINE SCREW SECURED COVERS. BOXES SHALL BE SIZED FOR THE NUMBER AND SIZES OF CONDUCTORS AND CONDUIT ENTERING THE BOX. BOXES SHALL BE LABELED.</div><div>16. WHEN A DISCREPANCY ARISES ON THE CONTRACT DOCUMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIAL AND SERVICES TO THE STRICTER CONDITION OR HIGHER QUALITY OR QUANTITY.</div><div>17. USE ONLY COMPRESSION TYPE FITTING FOR ALL METALLIC CONDUITS.</div></div></div></div></div></div>	<div><div>ABBREVIATIONS</div><div><div>AF AMPERE FUSE RATING AFF ABOVE FINISHED FLOOR AIC AMPS INTERRUPTED CAPACITY RATING (RMS SYMMETRICAL MINIMUM) AM AMMETER AMP, A AMPERES APFR APPROVED AS AMPERE SWITCH RATING AT AMPERE TRIP RATING OR BREAKER AUTO AUTOMATIC ATS AUTOMATIC TRANSFER SWITCH AWG AMERICAN WIRE GAUGE BD BOARD BFC BELOW FINISHED CEILING BKR BREAKER C CONDUIT CAB CABINET CAT CATEGORY CC CENTER TO CENTER CD CANDELA CHLOR CHLORINE, CHLORINATION CKT CIRCUIT CMH COMMUNICATION MANHOLE C.O. CONDUIT ONLY COMPT COMPARTMENT COMPR COMPRESSOR CPB COMMUNICATION PULLBOX CPT CONTROL POWER TRANSFORMER CR CONTROL RELAY (MAGNETICALLY HELD U.N.O.) CSFM CALIFORNIA STATE FIRE MARSHALL CU CURRENT TRANSFORMER CT COPPER DISC DISCONNECT DISTR DISTRIBUTION DWG DRAWING ELEV ELEVATION EMERG EMERGENCY ENCL ENCLOSURE EOPIT EQUIPMENT EXH EXHAUST E EXISTING FAA FIRE ALARM ANNUNCIATOR FDR FEEDER FF FINISHED FLOOR FG FINISHED GRADE FS FLOW SWITCH FLEX FLEXIBLE FLUOR FLUORESCENT FOC FIBER OPTIC CABLE FUT FUTURE FUP FUSE, CPT PRIMARY FUS FUSE, CPT SECONDARY GND, GRD GROUND HH HAND HOLE HOA HAND-OFF-AUTOMATIC HTR HEATER HRTZ HERTZ IDF INTERMEDIATE DISTRIBUTION FRAME ICPB INTERCEPT COMMUNICATION PULLBOX INC INCANDESCENT IND INDICATION INSTR INSTRUMENT IPPB INTERCEPT POWER PULLBOX ISC SHORT CIRCUIT CURRENT J.B. JUNCTION BOX K THOUSAND (KILO) KV KILOVOLTS KW KILOWATTS KVA KILOVOLT AMPERES KVAR KILOVOLT AMPERES REACTIVE KWH KILOWATT HOURS KWHM KILOWATT HOUR DEMAND METER LCP LIGHTING CONTROL PANEL LOS PUSH BUTTON WITH "LOCK-OUT--STOP" LS LIMIT SWITCH LT, LTS LIGHT, LIGHTS LTG LIGHTING MA MILLIAMPS MAN MANUL MAG MAGNETIC MAX MAXIMUM MCB MAIN CIRCUIT BREAKER MCC MOTOR CONTROL CENTER MCM THOUSAND CIRCULAR MILS MCP MOTOR CIRCUIT PROTECTOR MH MANHOLE MS MANUAL MOTOR STARTER MIN MINUTES, MINIMUM MOV MOTOR OPERATED VALVE, METAL OXIDE VARISTOR MT, MTD, MTG MOUNT, MOUNTED, MOUNTING N.A.P. NEUTRALIZATION ALARM PANEL NO, NOS NUMBER, NUMBERS NP NAMEPLATE NTS NOT TO SCALE ON ON CENTER OL OVERLOAD PB PULLBOX PIV POST INDICATOR VALVE PMH POWER MANHOLE PNL PANELBOARD PNLBD POSITION POS POSITION PPB POWER PULLBOX PRI PRIMARY PS PRESSURE SWITCH PT POTENTIAL TRANSFORMER PVC POLYVINYL CHLORIDE PW PART WINDING PWR POWER REC RECEPTACLE RECPTS RECEPTACLES REQD REQUIRED SA STATUS ANNUNCIATOR SCH SCHEDULE SEC SECONDS, SECONDARY SECT SECTION SEL SW SELECTOR SWITCH SEQ SEQUENCE SHLD SHIELDED SHT SHEET SIG SIGNAL SM START CONTACTOR COIL SPECIFICATIONS SP HTR SPACE HEATER STA SHUNT TRIP STD STANDARD STL STEEL STR STARTER SV SOLENOID VALVE SW SWITCH SYS SYSTEM TDOD TIME DELAY ON DE-ENERGIZATION TDOE TIME DELAY ON ENERGIZATION TEMP TEMPERATURE TERM TERMINAL THERM THERMOSTAT TR TIME DELAY RELAY TS TAMPER SWITCH TSP TWISTED SHIELDED PAIR THERMOSTAT TSTAT TYPICAL U.N.O. UNLESS NOTED OTHERWISE UGPS UNDERGROUND PULL SECTION UTP UNSHIELDED TWISTED PAIR VFD VARIABLE FREQUENCY DRIVE VOLTS VM VOLT-METER VS VOLT-METER SWITCH W WATTS WHM WATT HOUR METER WP WEATHERPROOF WPL WEATHERPROOF LOCKING XMR TRANSFORMER XMTR TRANSMITTER</div></div></div> <div><div>SYMBOLS LIST</div><div></div></div>	<div><div><div><div><div>RASC Engineering Inc.</div><div>Consulting Electrical Engineers</div><div>Joe Rogowicz, P.E.</div><div>Rancho Cucamonga, CA 91739</div><div>joe@rasceng.com</div><div>(909) 609-1888</div><div>Rogowicz Arico Spataforo Conti</div></div></div><div><div><div>PROFESSIONAL ENGINEER</div><div>NO. 1795</div><div>EXPIRATION</div><div>2025</div><div>STATE OF CALIFORNIA</div></div></div></div></div> <div><div>CLIENT:</div><div><div><div><div>RIVERSIDE COUNTY</div><div>OFFICE OF ECONOMIC DEVELOPMENT</div></div><div>Riverside County Office of Economic Development 3403 Tenth Street, Suite 400 Riverside, CA 92501</div></div></div><div><div>PROJECT:</div><div>IDYLVILD RESTROOM FACILITY</div></div><div><div>DRAWN BY</div><div>CHECKED BY</div><div>SCALE</div><div>DATE</div><div>PROJECT NO.</div></div><div><div>SHEET TITLE</div><div>TITLE SHEET</div></div><div><div>SHEET NO.</div><div>E1</div></div></div>
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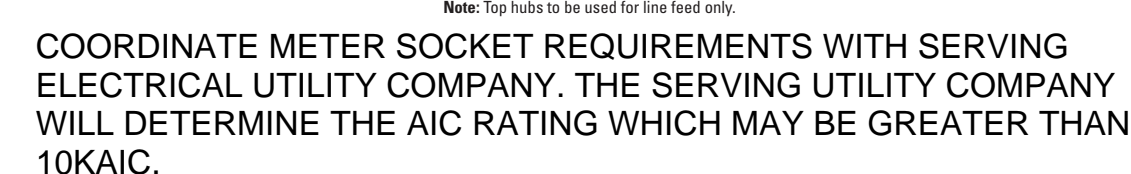
**RASC Engineering Inc.**  
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Joe Rogowicz, P.E.  
Rancho Cucamonga, CA 91739  
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*Rogowicz Arico Spatafora Conti*



RIVERSIDE COUNTY  
OFFICE OF ECONOMIC DEVELOPMENT

PROJECT:  
IDYLWILD RESTROOM  
FACILITY



7  
E2

## MAIN PANELBOARD A SCHEDULE

SHEET NO.



## E2





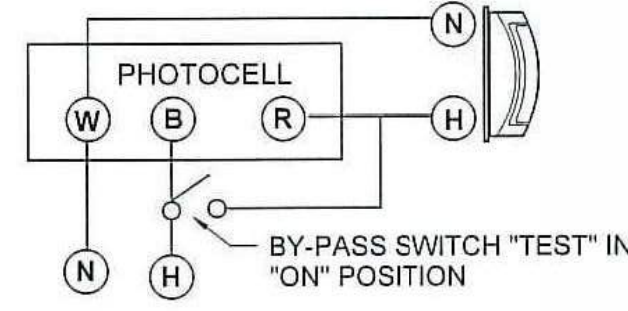


ELECTRICAL COMPONENTS SCHEDULE

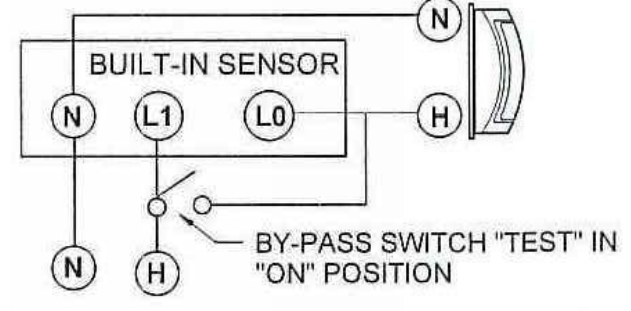
SYMBOL		QTY.	RATING	CONNECTED LOAD	DESCRIPTION	MODEL	HEIGHT TO TOP	COMMENTS	PRC #
ELECTRICAL PANEL		1	100 AMP MAIN BREAKER	100 AMP MAIN BREAKER	120/240 SINGLE PHASE w/ PLUG-ON BREAKERS; NEMA 1 ENCLOSURE	SQUARE D QO120M100	72" A.F.F. TOP OF PANEL	FURRED OUT AS NEEDED	L1802
LIGHT - RESTROOMS	 15	2	15 WATTS	15 VA	15 WATT LED	LUMINAIRE SWP1212-15W-4000K-120V-CP-BRZ-OCG	±108" A.F.F.	BUILT-IN SENSOR / BY PASS SWITCH	L1168.5
LIGHT - EXTERIOR	 15	2	15 WATTS	15 VA	15 WATT LED	LUMINAIRE YWP610-15W-4000K-120V-OP-BRZ	SEE SHT. A-2	ON PHOTOCELL / BY PASS SWITCH	L1162.5
LIGHT- UTILITY CHASE	 15	1	15 WATTS	15 VA	15 WATT LED	GREENLIGHTING AL41L	CEILING MOUNTED	ON MANUAL SWITCH	L1107
RECEPTACLE	 GFCI	2	180 WATTS	180 VA	DEDICATED 20 AMP GFCI RECEPTACLE	LEVITON GFNT2-W	48" A.F.F.	(1) RECEPTACLE FOR HYDRONIC PUMP	L1876
SWITCH (2 BY-PASS )		3			SINGLE POLE SWITCH	LEVITON 1221-W	48" A.F.F.	BY PASS SWITCH "TBD"	L1868
HAND DRYER		2	1000 WATTS	1000 VA	SURFACE MOUNTED ELECTRIC	DYSON AIRBLADE V	40" MAX. A.F.F. TO CONTROLS		L1417
WATER HEATER		2	3300 WATTS	3300 VA	IN-LINE WATER HEATER	STEIBEL DHC-E 3/2		FOR RESTROOM LAVATORIES	L1318.5
PHOTOCELL		1	1800 WATTS RATED		PHOTOCELL	INTERMATIC EK4336S	ON GABLE END WALL	CONTROLS EXTERIOR LIGHTS	L1896
EMERGENCY LIGHT		1	3 WATTS	3 VA	EMERGENCY LIGHT	LITHONIA MODEL #ELM2L (OR EQUAL)	108" A.F.F.	WIRE AHEAD OF SWITCH	L1198
EXHAUST FAN		2	87 WATTS	87 VA	WALL MOUNTED EXHAUST FAN WITH METAL GRILLE	BROAN MODEL #L100MG, 120VAC	108" A.F.F. TO TOP OF GRILLE	6" ROUND DUCT CONNECTOR #1108466; CONTROLLED BY TIME CLOCK	L1350
HYDRONIC SYSTEM		1	7000 WATTS	7000 VA	IN SLAB HYDRONIC HEATING SYSTEM FOR FREEZE PROTECTION	HYDRO SMART - CUSTOM DESIGN	-	FOR FREEZE PROTECTION ONLY, NOT FOR OCCUPANT COMFORT	-
HYDRONIC SYSTEM TEMP. PROBE		-	-	-	THERMOSTAT WITH FLOOR SENSOR	THERMAL PROTECTION #TH114-AF-024T	-	-	-
TIME CLOCK		1			TIME CLOCK	INTERMATIC T101		CONTROL EXHAUST FANS	L1880

NOTES:

1. ALL CONDUCTORS ARE COPPER WIRES.
2. RATING OF STANDARD PANEL IS 22,000 A.I.C.
3. WIRING METHOD IN METALLIC CONDUIT.
4. INSTALL CEE GROUND IN SLAB, TERMINATING IN MECH. ROOM
5. GREEN GROUNDING CONDUCTOR IN ALL RACEWAYS.
6. SITE CONNECTION POINT FOR ELECTRICAL SERVICE AND MODULE LINE CROSS OVERS ARE CLEARLY LABELED. (FOR MULTIMOD. BUILDING ONLY)



EXTERIOR LIGHTS BY-PASS "ON"



INTERIOR LIGHTS BY-PASS "ON"

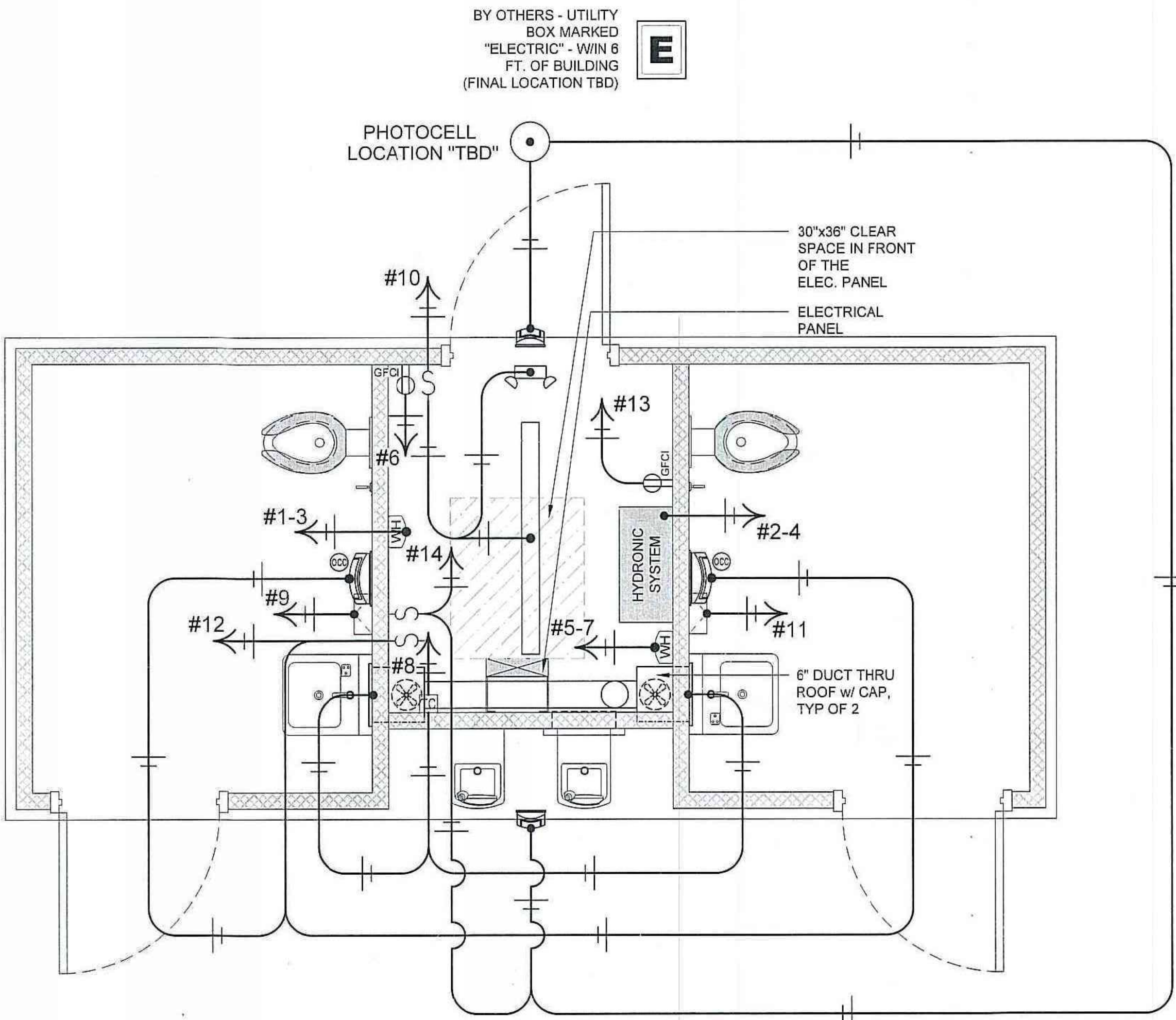
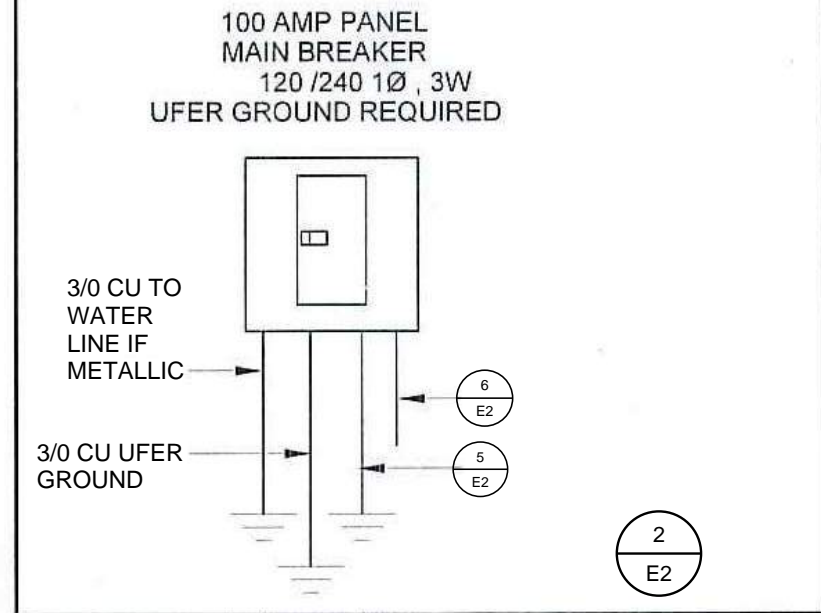
PANEL SCHEDULE

NOTE: ALL CONDUCTORS COPPER					100 AMP PANEL SINGLE PHASE				
CKT	DESCRIPTION	CIR. BREAKER TRIP AMPS	WIRE SIZE	TOTAL V.A.	100 AMP	TOTAL V.A.	WIRE SIZE	CIR. BREAKER TRIP AMPS	DESCRIPTION
1	WATER HEATER	20	12	3300		3500	8	30	HYDRONIC SYSTEM
3	"	"	"	3300		3500	"	"	"
5	WATER HEATER	20	12	3300		180	12	20	DEDICATED DUPLEX RECEPTACLE - GFCI
7	"	"	"	3300		174	12	20	EXHAUST FANS
9	HAND DRYER	20	12	1000		18	12	20	UTILITY CHASE LIGHTS
11	HAND DRYER	20	12	1000		30	12	20	RESTROOMS LIGHTS
13	HYDRONIC PUMP DED. DUPLEX REC. - GFCI	20	12	180		30	12	20	EXTERIOR LIGHTS
15									
17									
19									

ELECTRICAL PLAN REVIEW LOAD CALCULATIONS

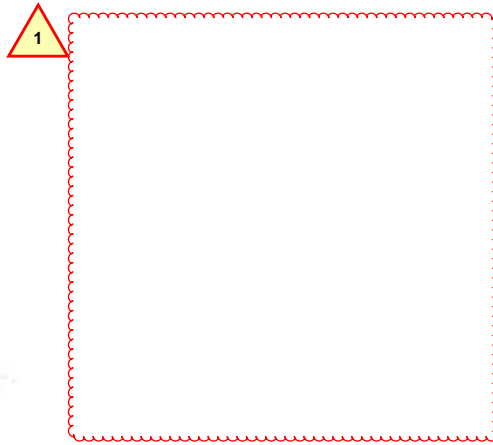
PANEL: 120/240 VOLTS		SINGLE PHASE		100 AMPS MAIN BREAKER	
COMPONENT		CONNECTED LOAD (V.A.)	CALCULATED LOAD (V.A.)		
EXTERIOR LIGHTING		30	CONNECTED LOAD x 1.25	37.50	
INTERIOR LIGHTING		48	CONNECTED LOAD x 1.25	60.00	
(2) WATER HEATERS		6600	CONNECTED LOAD x 1.00	6600.00	
(1) HAND DRYER - LARGEST MOTOR		1000	CONNECTED LOAD x 1.25	1250.00	
(1) HAND DRYER		1000	CONNECTED LOAD x 1.00	1000.00	
(2) DEDICATED RECEPTACLES - GFCI		360	CONNECTED LOAD x 1.00	360.00	
(2) EXHAUST FANS		174	CONNECTED LOAD x 1.00	174.00	
HYDRONIC SYSTEM		7000	CONNECTED LOAD x 1.25	8750.00	
TOTAL LOAD		16212	TOTAL LOAD	18231.50	
TOTAL CONNECTED LOAD	KVA	16.212	TOTAL CALCULATED LOAD	KVA	18.232
	AMPS	67.550		AMPS	75.955

ONE-LINE DIAGRAM



ELECTRICAL PLAN

SCALE: NOT TO SCALE



No.	Description	Date	CONSTRUCTION DOCUMENTS				SHEET TITLE:	
							ELECTRICAL PLAN & SCHEDULES	

THIS MODULAR BUILDING ELECTRICAL PLAN IS SHOWN FOR REFERENCE ONLY AND IS NOT PART OF THIS APPROVAL

RASC Engineering Inc.

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(909) 609-1888

Rogowicz Arico Spatafora Conti



CLIENT:



Riverside County Office of Economic Development  
3403 Tenth Street, Suite 400  
Riverside, CA 92501

PROJECT:

IDYLVILD RESTROOM FACILITY

REVISION	DATE	REVISION / ISSUE
1	10/27/2022	Back Check # 1

DRAWN BY: DRJR  
CHECKED BY: JR  
SCALE: AS SHOWN  
DATE: 6/29/2022  
PROJECT NO.: 22120

SHEET TITLE:  
MODULAR RESTROOM ELECTRICAL PLANS

SHEET NO.