CITY OF TRACY
SAN JOAQUIN COUNTY, CALIFORNIA
TRANSIT STATION EMERGENCY BACKUP GENERATOR

50 E. 6th Street, Tracy, CA 95376

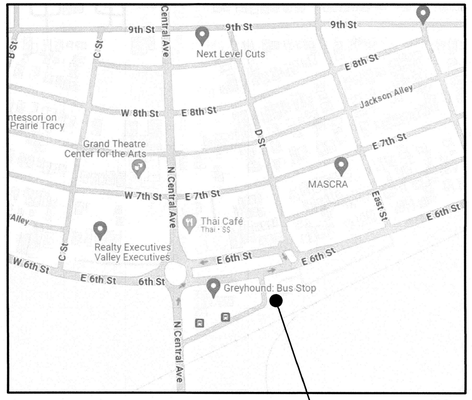
C.I.P. No. 77592

ABBREVIATIONS:

ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AEG	ABOVE EXISTING GRADE
ALT	ALTERNATE
ARCH	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
BD	BOARD
BFP	BACK FLOW PREVENTER
BLDG	BUILDING
BLKG	BLOCKING
BO	BOTTOM OF
BOT	BOTTOM
BTWN	BETWEEN
BV	BALL VALVE
CBC	CALIFORNIA BUILDING CODE
C–C	CENTER TO CENTER
CHH	COMMUNICATIONS HANDHOLE
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLR	CLEAR
CONC	CONCRETE
CONT	CONTINUOUS
CSB	COMMUNICATION SERVICE BOX
CTR	CENTER
CW	COLD WATER
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIM(S)	DIMENSION(S)
DN	DOWN
D	DEEP
DWG(S)	DRAWING(S)
DW	DOMESTIC WATER
E	EAST
(E)	EXISTING
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EHH	ELECTRICAL HANDHOLE
ELEC	ELECTRICAL
EL/ELEV	ELEVATION
ENG/ENGR	ENGINEER
EOR	ENGINEER OF RECORD
EQ	EQUAL
ES	EACH SIDE
EXP	EXPANSION
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FOC	FACE OF CURB
FT	FOOT OR FEET
FTG	FOOTING
GA	GAUGE OR GAGE
GALV	GALVANIZED
GALV STL	GALVANIZED STEEL
GENR	GENERATOR
GC	GENERAL CONTRACTOR
GND	GROUND
GTW	GROUNDING TESTWELL
HH	HAND HOLE
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTIONS
HT	HEIGHT
ICB	IRRIGATION CONTROL BOX
ICV	IRRIGATION CONTROL VALVE
ID	INSIDE DIAMETER
IN	INCHES
INC	INCORPORATED
INFO	INFORMATION
INT	INTERIOR
INV	INVERT ELEVATION
IRR	IRRIGATION
LGTH	LENGTH
LBS	POUND (S)
LIN	LINEAR, LINEAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MISC	MISCELLANEOUS
MIN	MINIMUM
MSB	MAIN SWITCH BOARD
MS	MAIN SWITCH
MTL	METAL
MV	MAIN VALVE
(N)	NEW
N	NORTH
NA or N/A	NOT APPLICABLE/AVAILABLE
NEU	NEUTRAL
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER (DIM.)
OPP	OPPOSITE HAND
OPNG	OPENING
OPTL	OPTIONAL
PART	PARTIAL OR PARTICLE
PERF	PERFORATED
PG&E	PACIFIC GAS AND ELECTRIC COMPANY
PL	PROPERTY LINE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE PIPE
PVMT	PAVEMENT
QTY	QUANTITY
QCV	QUICK COUPLING VALVE
R	RADIUS
RD	ROOF DRAIN
REINF	REINFORCING
REQ'D	REQUIRED
REV	REVISION
RP	RADIUS POINT
SEOR	STRUCTURAL ENGINEER OF RECORD
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SOG	SLAB ON GRADE
SP	SPACE
SPEC	SPECIFICATION
SQ	SQUARE
SSMR	STANDING SEAM METAL ROOF
STL	STEEL
SST	STAINLESS STEEL
STD	STANDARD
STRUCT	STRUCTURE/STRUCTURAL
SYM	SYMBOL
SW	SIDEWALK
T&B	TOP & BOTTOM
THK	THICKNESS
THRU	THROUGH
T.A.	TOP OF
TOW/TW	TOP OF WALL
TRSH	TRASH ENCLOSURE
TYP	TYPICAL
UG	UNDERGROUND
UON/UNO	UNLESS OTHERWISE NOTE UNLESS NOTED OTHERWISE
UP	UNDERGROUND POWER
UPRRE	UNION PACIFIC RAILROAD ELECTRIC
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WATER
W/	WITH
W/O	WITHOUT
WT	WEIGHT

MAPS:

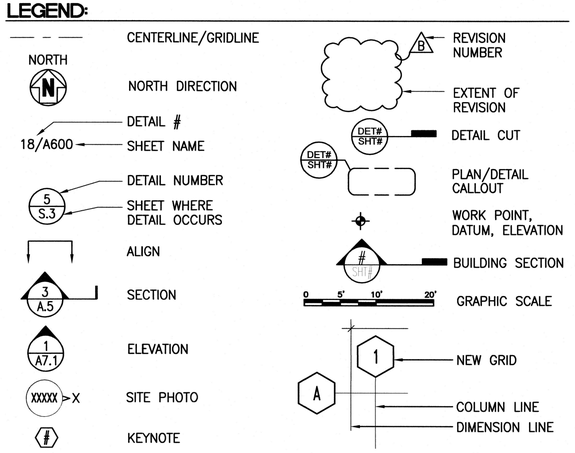
PROJECT SITE MAP:



SITE VICINITY MAP:



LEGEND:



PROJECT TEAM:

OWNER:
CITY OF TRACY
333 CIVIC CENTER PLAZA,
TRACY, CA 95376

ARCHITECT/STRUCTURE/CIVIL/LANDSCAPE:
THE KPA GROUP
6700 KOLL CENTER PARKWAY, STE. 125
PLEASANTON, CA 94566

STRUCTURAL:
TUAN and ROBINSON
STRUCTURAL ENGINEERS, INC.
444 SPEAR STREET, STE. 101
SAN FRANCISCO, CA 94105

ELECTRICAL/COMMUNICATIONS:
PHARIS ENGINEERING
7110 AUSTINWOOD ROAD
LOUISVILLE, KY 40214

DEFERRED SUBMITALS:

CONSTRUCTION WASTE MANAGEMENT FORM

PROJECT DESCRIPTION:

PROJECT IS TO INSTALL AN EMERGENCY BACKUP DIESEL GENERATOR AT THE TRACY TRANSIT STATION.

UTILITIES INCLUDE INSTALLATION OF A NEW MAIN SWITCH BOARD AT THE EXTERIOR GENERATOR LOCATION. EXISTING BUILDING MAIN SWITCH BOARD TO BECOME DISTRIBUTION PANEL WITH ALL BUILDING LOADS SERVED FROM NEW EXTERIOR SWITCHBOARD SITED AT THE NEW GENERATOR LOCATION.

SITE WORK INCLUDES DEMOLITION AND RECONSTRUCTION OF THE EXISTING UTILITIES INCLUDING DOMESTIC WATER AND BACKFLOW PREVENTOR, IRRIGATION SYSTEM AND IRRIGATION CONTROLLER. SITE ELECTRICAL HANDHOLES AND CONDUIT LOCATED AT NEW GENERATOR ENCLOSURE ARE SERVING RAILROAD METER EAST OF SITE AND ALSO REQUIRE RELOCATION AT AREA OF THE NEW GENERATOR.

STRUCTURES INCLUDE GENERATOR ENCLOSURE STRUCTURE AND ACCESS GATE. ALSO INCLUDED ARE NEW ROOF AND GATE IMPROVEMENTS AT THE ADJACENT TRASH ENCLOSURE.

GENERATOR DESCRIPTION:

GENERATOR CLASSIFICATION CEC 702 – OPTIONAL STANDBY SYSTEM

SHEET INDEX:

GENERAL	
G001	COVER SHEET, SHEET INDEX, ABBREVIATIONS AND LEGEND
G002	GENERAL NOTES
G003	GENERAL NOTES
G004	GENERAL NOTES
CIVIL	
C100	OVERALL SITE PLAN
C401	ENLARGED SITE PLANS–DEMO/NEW
C402	ENLARGED SITE UTILITY PLANS–DEMO/NEW
C501	ELEVATIONS AND SECTIONS
C502	DETAILS
C503	CITY STANDARD DETAILS
LANDSCAPING	
L101	ENLARGED LANDSCAPE AND IRRIGATION PLANS
STRUCTURAL	
S001	STRUCTURAL GENERAL NOTES
S101	STRUCTURAL ENLARGED PLANS AND DETAILS
S501	STRUCTURAL FOUNDATION/SLAB DETAILS
S541	STRUCTURAL FRAMING ELEVATIONS
S542	STRUCTURAL FRAMING DETAILS
ELECTRICAL	
E000	ELECTRICAL LEGEND, AND NOTES
ES100	ELECTRICAL SITE PLAN
E201	ELECTRICAL DETAILS
E202	ELECTRICAL SCHEDULES

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR THE CORRECTION OF ERRORS, OMISSIONS, OR CONFLICTS DISCOVERED DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS PUBLIC INTEREST REQUIRES MODIFICATION OF OR A DEPARTURE FROM THE SPECIFICATIONS AND DETAILS OF THE CITY OF TRACY, THE CITY ENGINEER MAY AUTHORIZE SUCH MODIFICATIONS OR DEPARTURE. IF REQUIRE SUCH MODIFICATIONS OR DEPARTURE AND TO REFLECT THE MANNER IN WHICH THE WORK WAS ACTUALLY CONSTRUCTED, THE CONTRACTOR SHALL MAKE THE CHANGES ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY

EVEN G. MARCELO, P.E. CITY ENGINEER — DATE: 4/30/26

Think Inside the Triangle.

LICENSED ARCHITECT
PAUL W. POWERS
C-29713
3/31/2027
RENEWAL DATE
STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 Fourth Street, Suite 200
Livermore, California 94550
Tel. 925.223.8217 www.thekpagroup.com
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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
1	10-11-24	PERMIT COMMENTS-REV 1	
2	10-12-25	PERMIT COMMENTS-REV 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
COVER SHEET, SHEET INDEX, ABBREVIATIONS AND LEGEND
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

G001

CITY STANDARD NOTES

1. ALL WORK SHALL CONFORM TO CITY OF TRACY STANDARD SPECIFICATIONS AND STANDARD PLANS. THE WORK IS SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY ENGINEER, AND THE ENGINEERING DIVISION INSPECTORS. CONTACT ENGINEERING DIVISION CONSTRUCTION MANAGEMENT AT (209) 831-6400, TWO WORKING DAYS (48 HOURS) PRIOR TO THE START OF ANY WORK TO ARRANGE FOR INSPECTION.

2. TRAFFIC SIGNS SHALL BE INSTALLED IN CONFORMANCE WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AT LOCATIONS SPECIFIED BY CITY DESIGN STANDARDS, STANDARD PLANS, AND STANDARD SPECIFICATIONS.

3. THESE PLANS HAVE BEEN CHECKED BY THE CITY OF TRACY FOR CONFORMANCE WITH THE CITY'S MINIMUM STANDARDS, BUT SUCH CHECKING BY THE CITY DOES NOT RELIEVE THE CONTRACTOR FROM THEIR RESPONSIBILITY TO FIND AND CORRECT ERRORS, OMISSIONS OR MAKE CHANGES REQUIRED BY CONDITIONS DISCOVERED IN THE FIELD DURING THE COURSE OF CONSTRUCTION. ANY REQUEST BY THE CONTRACTOR TO CHANGE THESE PLANS SHALL BE SUBMITTED IN WRITING TO THE CITY ENGINEER.

4. ALL REVISIONS TO THIS PLAN MUST BE REVIEWED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION AND SHALL BE ACCURATELY SHOWN ON REVISED PLANS STAMPED AND SIGNED BY THE CITY ENGINEER PRIOR TO THE INSTALLATION OF THE IMPROVEMENTS.

5. ALL CONSTRUCTION STAKING FOR CURB, GUTTER, SIDEWALK, SANITARY SEWERS, STORM DRAINS, WATER LINES, FIRE HYDRANTS, AND ELECTROLIERS, ETC., SHALL BE DONE BY THE REGISTERED CIVIL ENGINEER OF RECORD OR LICENSED LAND SURVEYOR. HORIZONTAL CONTROL AND CUT SHEETS SHALL BE PROVIDED TO THE CITY PRIOR TO START OF WORK.

6. EXISTING UTILITIES ARE PLOTTED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THESE UTILITIES. THE DEVELOPER SHALL PERFORM NO EXCAVATION UNTIL ALL UTILITY AGENCIES AND THE CITY OF TRACY HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR FACILITIES IN THE FIELD. NOTIFY UNDERGROUND SERVICE ALERT AT (800) 227-2600 AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. SOME AGENCIES SUCH AS IRRIGATION DISTRICTS MAY NOT BE PART OF UNDERGROUND SERVICE ALERT AND MUST BE CONTACTED SEPARATELY.

7. WATER MAINS AND SERVICES, SANITARY SEWER MAINS AND LATERALS, STORM DRAIN MAINS AND LATERALS, JOINT TRENCH UTILITIES, STREET LIGHT CONDUIT, AND ALL OTHER UNDERGROUND UTILITIES SHALL BE INSTALLED, TESTED, REPAIRED AND RETESTED IF NECESSARY PRIOR TO CURB, GUTTER, SIDEWALK AND STREET PAVING INSTALLATION.

8. ALL UNDERGROUND UTILITIES ABANDONED DURING CONSTRUCTION SHALL BE REMOVED.

9. TESTING
   - A) ALL SAMPLING AND TESTING CALLED FOR BY THE CITY ENGINEER SHALL BE PAID FOR BY THE CONTRACTOR.
   - B) ROADWAY SUBBASE, BASE, ASPHALT, AND TRENCH BACKFILL COMPACTION TESTING SHALL BE PERFORMED BY A SOILS LAB CONTRACTING WITH THE CITY OF TRACY.
   - C) TESTS FOR SUBGRADE R-VALUES ARE REQUIRED PRIOR TO THE INSTALLATION OF BASE ROCK WHEN R-VALUES ASSUMED IN DESIGN ARE GREATER THAN 5.
   - D) A MINIMUM OF 48 HOURS' NOTICE IS REQUIRED TO SCHEDULE ALL SOILS TESTING SERVICES.

10. ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH CITY DESIGN STANDARDS, STANDARD PLANS, AND STANDARD SPECIFICATIONS. COMPACTION SHALL BE ACHIEVED BY MECHANICAL MEANS. NO FLOODING, PONDING OR JETTING SHALL BE PERMITTED.

11. ASBESTOS CEMENT PIPE (ACP) OR FITTINGS SHALL NOT BE USED WITHIN THE CITY OF TRACY AND SHALL BE REMOVED IF FOUND.

12. CONTRACTOR SHALL NOTIFY THE CITY ENGINEER IMMEDIATELY UPON THE DISCOVERY OF A SURVEY MONUMENT WITHIN THE CONSTRUCTION LIMITS.

13. ALL STREET MONUMENTS, LOT CORNER, AND OTHER PERMANENT PIPE OR MONUMENTS WITHIN THE CONSTRUCTION LIMITS SHALL BE REFERENCED BY A REGISTERED LAND SURVEYOR BY MEANS OF A PRE-CONSTRUCTION CORNER RECORD. MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED PRIOR TO CITY ACCEPTANCE OF IMPROVEMENTS.

14. THE CONTRACTOR SHALL CONTROL DUST AT ALL TIMES DURING CONSTRUCTION AS REQUIRED BY THE CITY OF TRACY.

15. PRIOR TO TRENCHING FOR ANY SEWER, WATER, OR STORM DRAIN PIPE, THE DEVELOPER SHALL VERIFY, IN THE FIELD, THE SIZE AND LOCATION OF THE EXISTING PIPE AT THE POINT OF CONNECTION. ANY DEVIATION FROM THE PLANS SHALL BE RESOLVED BY THE DESIGN ENGINEER AND REVIEWED BY THE CITY ENGINEER PRIOR TO TRENCHING.

16. MANHOLES, VALVES, CLEANOUTS, ETC., SHALL BE BROUGHT TO FINISH GRADE BY THE DEVELOPER AFTER THE FINAL PAVING COURSE IS PLACED. EXISTING IRON SHALL BE LOWERED, THEN RAISED AFTER FINAL PAVING PER STANDARD PLAN 118. LOCKING GRADE RINGS OF ANY KIND ARE NOT ALLOWED. CITY OF TRACY DESIGN STANDARDS FEBRUARY 18, 2020 PAGE 92.

17. THE INSTALLATION OF EROSION AND SEDIMENT CONTROLS PER THE APPROVED SWPPP OR ESCP SHALL BE IMPLEMENTED PRIOR TO CONSTRUCTION AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. THE BMPS SHALL NOT ALLOW TURBID OR SEDIMENT-LADEN WATERS TO ENTER THE STORM DRAINAGE SYSTEM.

18. WORK SHALL BE RESTRICTED TO WEEKDAYS BETWEEN 7:30 AM AND 7:00 PM AND WEEKENDS BETWEEN 9:00 AM AND 5:00 PM. ALTERNATE HOURS MUST BE APPROVED BY THE CITY ENGINEER. WORK WHICH REQUIRES ANY TRAFFIC LANE CLOSURES OR RESTRICTION OF THE TRAVELED WAY SHALL BE LIMITED TO 9:00 AM TO 3:30 PM IN THE COMMUTE DIRECTION AND 8:00 AM TO 4:30 PM IN THE NON-COMMUTE DIRECTION. COMMUTE DIRECTIONS SHALL BE AS DETERMINED BY THE CITY ENGINEER.

19. THE OVERTIME COST FOR INSPECTING WORK REQUIRING CITY INSPECTION, PERFORMED BEFORE 7:00 AM AND AFTER 3:30 PM, SHALL BE PAID BY THE CONTRACTOR BEFORE THE WORK IS AUTHORIZED.

20. CONSTRUCTION EQUIPMENT WHICH OPERATES AT A NOISE LEVEL IN EXCESS OF 85 DECIBELS (MEASURED ON THE A-WEIGHTED SCALE DEFINED IN ANSI S-1.4) AT A DISTANCE OF 100 FEET FROM THE EQUIPMENT IS PROHIBITED.

21. THE CONTRACTOR SHALL KEEP EXCAVATIONS FREE FROM WATER DURING CONSTRUCTION. THE STATIC WATER LEVEL SHALL BE DRAWN DOWN A MINIMUM OF 2 FEET BELOW BOTTOM OF EXCAVATIONS TO MAINTAIN UNDISTURBED STATE OF NATURAL SOILS AND ALLOW PLACEMENT OF ANY FILL TO SPECIFIED DENSITY. DISPOSAL OF WATER SHALL NOT DAMAGE PROPERTY OR CREATE A PUBLIC NUISANCE.

22. DISPOSAL OF CONSTRUCTION DEWATER INTO THE CITY SANITARY SEWER OR STORM DRAIN SYSTEM MAY BE ALLOWED BY THE CITY WHEN JURISDICTIONAL WATER QUALITY STANDARDS ARE SATISFIED. CONTRACTOR SHALL SUBMIT A DEWATERING PLAN, OBTAIN ALL NECESSARY PERMITS, AND CONDUCT WATER QUALITY TESTING AS REQUIRED TO COMPLY WITH PERMIT REQUIREMENTS. THE DEWATERING PLAN MUST BE APPROVED BY THE UTILITIES DEPARTMENT PRIOR TO BEGINNING ANY DEWATERING ACTIVITIES.

23. CONTRACTOR SHALL MAINTAIN ALL STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION THROUGHOUT THE COURSE OF CONSTRUCTION. ALL SPILLS OF SOIL, ROCK, CONSTRUCTION DEBRIS, ETC., SHALL BE REMOVED IMMEDIATELY FROM PUBLICLY OWNED PROPERTY. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.

CONSTRUCTION NOTES

1. FOR HAUL ROUTE INFORMATION CALL THE CITY OR TRACY FOR THEIR REQUIREMENTS (209) 831-6400.

2. ALL TRENCHES SHALL BE BACKFILLED OR COVERED WITH TRENCH PLATES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE CITY STANDARDS AT THE END OF EACH DAY. COMPACTION SHALL BE ACHIEVED BY MECHANICAL MEANS. NO FLOODING, PONDING OR JETTING SHALL BE PERMITTED.

3. ALL TRENCH EXCAVATION OVER FIVE FEET IN DEPTH SHALL BE SHORED IN ACCORDANCE WITH CAL-OSHA "CONSTRUCTION SAFETY ORDERS" CURRENT EDITION. CONTRACTOR MUST HAVE VALID TRENCH SHORING PERMIT ISSUED BY CAL-OSHA.

4. CONTRACTOR SHALL REMOVE DAILY, ALL WASTE MATERIALS FROM SITE RESULTING FROM CLEARING AND DEMOLITION OPERATIONS. ALL EXCESS MATERIAL SHALL BE DISPOSED OFF-SITE IN A SAFE AND LEGAL MANNER BY THE CONTRACTOR AT HIS OWN EXPENSE.

5. PORTLAND CEMENT CONCRETE PAVEMENT SHALL CONFORM TO THE MATERIAL REQUIREMENTS OF SECTION 90 CLASS B. AND PLACING REQUIREMENTS OF SECTION 40. TRANSVERSE WEAKENED PLANE JOINTS AND CONSTRUCTION JOINTS SHALL MATCH EXISTING JOINTS OR AS DIRECTED BY THE ENGINEER.

6. ALL WORK SHALL BE IN ACCORDANCE WITH THE PLANS, DETAILS AND SPECIFICATIONS PREPARED FOR THE PROJECT. ANY DEVIATION FROM APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE 48 HOURS PRIOR WRITTEN NOTICE TO AND SUBJECT TO THE APPROVAL OF THE CITY.

7. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL AND/OR ERECT THE CONSTRUCTION AS REQUIRED TO PROPERLY COMPLETE THE INTENDED WORK. MISCELLANEOUS ITEMS OF WORK, MATERIAL, EQUIPMENT, ETC. NECESSARY TO COMPLETE THE INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR WHETHER OR NOT MENTIONED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS.

8. REFER TO THE CIVIL UTILITY PLANS AND OTHER DOCUMENTS FOR ADDITIONAL REQUIREMENTS AND WORK. UTILITY AND SERVICE MODIFICATION AND ROUTING MAY EXTEND OUTSIDE THE BOUNDARY OF THE LIMIT OF PROJECT WORK. CONTRACTOR SHALL INCLUDE IN BID ALL COSTS AND MATERIALS ASSOCIATED WITH UTILITY AND SERVICE WORK OUTSIDE LIMIT OF PROJECT WORK BOUNDARY.

9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF ANY DIFFERENCES IN LOCATIONS OF EXISTING UTILITIES FROM THAT SHOWN, OR ANY CONFLICTS WITH THE WORK BEFORE CONTINUING WORK IN THAT AREA.

10. ALL REVISIONS TO THESE DOCUMENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION AND SHALL BE ACCURATELY REPRESENTED IN REVISED PLANS PRIOR TO THE ACCEPTANCE OF THE WORK AS COMPLETE. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY.

11. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF TRACY, CAL-OSHA, AND THE STATE WATER RESOURCES CONTROL BOARD. ALL CODES, STANDARDS, AND SPECIFICATIONS SHALL BE AS AMENDED TO DATE.

12. THE CONTRACTOR SHALL PROVIDE PROMPT, WRITTEN NOTIFICATION TO THE CITY OF TRACY AND ARCHITECT CONCERNING CONFLICTS WITH, OR RECOMMENDED DEVIATIONS FROM CODES, LAWS, REGULATIONS, STANDARDS, AND OPINIONS OF REVIEW OFFICIALS AS DESCRIBED HEREIN.

13. ALL MONUMENTS MUST BE PROTECTED PER STATE LAND SURVEYORS STANDARD SPECIFICATION SECTION. NOTIFY THE ARCHITECT TO REPORT ANY MONUMENTS IN DANGER OF DESTRUCTION OR REMOVAL.

14. CONTRACTOR SHALL NOTIFY THE CITY ENGINEER IMMEDIATELY UPON THE DISCOVERY OF A SURVEY MONUMENT WITHIN THE CONSTRUCTION LIMITS.

15. ALL STREET MONUMENTS, LOT CORNER, AND OTHER PERMANENT PIPE OR MONUMENTS WITHIN THE CONSTRUCTION LIMITS SHALL BE REFERENCED BY A REGISTERED LAND SURVEYOR BY MEANS OF A PRE-CONSTRUCTION CORNER RECORD. MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED PRIOR TO CITY ACCEPTANCE OF IMPROVEMENTS.

16. CONTRACTOR SHALL SATISFY HIM/HERSELF AS TO THE CORRECTNESS OF THE EXISTING TOPOGRAPHY AND OTHER SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY AND OBTAIN WRITTEN APPROVAL FROM THE CITY OF TRACY IF ANY DISCREPANCIES, REVISIONS, AND ADDITIONAL WORK THAT IS REQUIRED AS A RESULT OF SUCH FIELD INVESTIGATION PRIOR TO BEGINNING OF ANY WORK. FAILING TO DO SO SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT.

17. IT IS THE RESPONSIBILITY OF THE CITY TO OBTAIN PERMITS NECESSARY TO PERFORM THE WORK FROM THE APPROPRIATE AGENCIES.

18. SAFETY OF PERSONNEL AND PROPERTY DURING DEMOLITION AND EXCAVATION WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. ONLY THE EXTENT OF THE WORK IS INDICATED; AND NOT THE METHOD, SEQUENCE, OR SAFETY PROCEDURES AND CONSIDERATIONS. REVIEW OF THE CONTRACTOR'S SUBMITTALS IS NOT INTENDED TO RELIEVE CONTRACTOR OF ANY OF THE ABOVE RESPONSIBILITY.

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

20. TRAFFIC CONTROL
   - A. PRIOR TO BEGINNING ANY WORK ON EXISTING STREETS, ADVANCE WARNING SIGNS SHALL BE INSTALLED.

21. CONTRACTOR SHALL PROVIDE BARRICADE AND WARNING LIGHTS FOR ALL OPEN EXCAVATION.

22. THE CONTRACTOR SHALL EMPLOY MEANS NECESSARY TO CONTROL DUST AT AND NEAR THE SITE OF WORK AND ALONG APPROACH ROUTES TO THE CONSTRUCTION SITE. ADJACENT STREETS ARE TO BE CLEANSED DAILY OF DIRT AND DEBRIS THAT ARE THE RESULT OF OPERATIONS.

23. DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS. AT ALL TIMES DURING CONSTRUCTION AND UNTIL FINAL COMPLETION, THE CONTRACTOR, OR SUBCONTRACTOR OPERATING EQUIPMENT ON THE SITE, SHALL PREVENT THE FORMATION OF ANY AIRBORNE NUISANCE BY WATERING AND/OR TREATING THE SITE OF THE WORK IN SUCH A MANNER THAT WILL CONFINE DUST PARTICLES TO THE IMMEDIATE SURFACE OF THE WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE CONTRACTOR OR SUBCONTRACTOR ACTIVITIES IN PERFORMING THE WORK UNDER THIS CONTRACT AND SHALL BE RESPONSIBLE FOR ANY DAMAGE FROM DUST NUISANCE.

24. THE CONTRACTOR SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
   - A. WATERING OR COVERING OF STOCKPILES OF DEBRIS, SOIL, SAND OR OTHER MATERIALS THAT CAN BE BLOWN BY WIND
   - B. COVER ALL TRUCKS HAULING SOIL, SAND AND OTHER LOOSE, MATERIALS OR ALL TRUCKS SHALL MAINTAIN TWO FEET CLEAR, BETWEEN HAULED MATERIALS AND THE TOP OF THE TRUCK BED

26. IF ANY CULTURAL FEATURES OR ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION WORK ALL WORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHEOLOGIST (SOPA) AND/OR THE SOCIETY OF CALIFORNIA ARCHEOLOGY (SCA) HAS HAD THE OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND APPROPRIATE MITIGATION MEASURES HAVE BEEN DETERMINED AND IMPLEMENTED THE CONTRACTOR SHALL ALSO IMMEDIATELY NOTIFY THE CITY OF TRACY.

27. FOR PAVING AND STORM DRAIN IMPROVEMENTS, TEMPORARY SILT AND DRAINAGE CONTROL FACILITIES SHALL BE INSTALLED TO CONTROL AND CONTAIN EROSION CAUSED SILT DEPOSITS AND TO PROVIDE FOR THE SAFE DISCHARGE OF STORM WATERS INTO EXISTING STORMWATER FACILITIES. DESIGN OF THESE FACILITIES SHOULD BE IN ACCORDANCE TO THE LATEST CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICE HANDBOOK.

28. THE CONTRACTOR SHALL PROVIDE PLANS TO MANAGE EROSION AND SEDIMENT CONTROL MEASURES, ALL SHALL CONFORM TO THE CALIFORNIA STORM WATER CONSTRUCTION BMP HANDBOOK.

29. THE CONTRACTOR SHALL PROVIDE A PLAN TO MEET AND FOLLOW ALL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.

30. CONTRACTOR SHALL MAINTAIN GOOD HOUSEKEEPING PRACTICES AT THE JOB SITE. EXCESS BUILDING MATERIALS AND DEBRIS SHALL BE REMOVED PROMPTLY FROM THE JOB SITE AND DISPOSED OF AT AN APPROVED DUMPSITE. THE JOB SITE SHALL BE LEFT CLEAN AT THE END OF EACH WORKDAY.

31. THE CONTRACTOR MUST MAINTAIN THE STREETS, SIDEWALKS AND ANY OTHER PUBLIC & PRIVATE RIGHTS-OF-WAY IN A CLEAN, SAFE, AND USABLE CONDITION. ANY SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS MUST BE REMOVED AND SWEPT CLEAN FROM THE PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT.

32. CONSTRUCTION OPERATIONS – WASTEWATER GENERATED DURING CONSTRUCTION SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO ELIMINATE DISCHARGE TO THE STORM DRAIN SYSTEM AND, IF NECESSARY, PROVIDE AN AREA FOR ON-SITE WASHING ACTIVITIES DURING CONSTRUCTION. MATERIALS, WHICH COULD CONTAMINATE STORM RUNOFF, SHALL BE STORED IN AREAS WHICH ARE DESIGNED TO PREVENT EXPOSURE TO RAINFALL AND NOT ALLOW STORM WATER TO RUN ONTO THE AREA.

33. FLUSHING OF STREETS AND PARKING LOTS TO REMOVE DIRT AND CONSTRUCTION DEBRIS IS PROHIBITED UNLESS PROPER SEDIMENT CONTROLS ARE USED. PREFERABLY, AREAS REQUIRING CLEANING SHOULD BE SWEPT.

34. CONTRACTOR SHALL PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE CITY OF TRACY. BARRICADES, SIGNS, LIGHTS, ETC., REQUIRED FOR THE PROTECTION OF PERSONNEL. THE PUBLIC PROPERTY AND MATERIAL SHALL BE PROVIDED FOR AND MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR, AND SHALL CONFORM TO ALL COVERING CODES, ORDINANCES AND REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF PUBLIC AND PRIVATE IMPROVEMENTS/FACILITIES DAMAGED BY OPERATIONS INCLUDING BUT NOT LIMITED TO MONUMENTS, BENCHMARKS, AC PAVEMENTS, PAVEMENT MARKINGS, TRAFFIC STRIPING AND SIGNAGE, TRAFFIC LOOPS, EXISTING FIBER OPTIC, EXISTING SEWER MAINS, ETC.

35. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UTILITIES AS SHOWN ON DRAWINGS ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY, ONLY ACTUAL DEMOLITION WILL REVEAL THE TYPES, EXTENT, SIZES AND LOCATIONS OF SUCH UTILITIES.

36. ALL UNDERGROUND UTILITIES SHALL BE COMPLETE BEFORE PLACEMENT OF BASE ROCK UNLESS OTHERWISE NOTED.

37. ALL KNOWN EXISTING UTILITY LINES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING UTILITY LINES OR FACILITIES TO REMAIN IN PLACE, WHETHER OR NOT SUCH LINES OR FACILITIES ARE SHOWN ON THESE PLANS, AND SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH. NEITHER THE CITY OF TRACY NOR THE DESIGN TEAM ASSUMES RESPONSIBILITIES THAT EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED WILL BE THOSE ENCOUNTERED. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY AN UNDERGROUND UTILITY LOCATING COMPANY HIRED BY THE CONTRACTOR FIVE (5) WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ALL WORK SHALL BE BORNE BY THE CONTRACTOR.

38. CONTRACTOR IS RESPONSIBLE FOR COORDINATING HIS WORK TO AVOID CONFLICTS BETWEEN SEWER. STORM DRAINS, WATER, GAS, AND ELECTRICAL MAINS. THE GENERAL CONTRACTOR SHALL EMPLOY A UTILITY AND SERVICE LOCATOR IN LOCATING BURIED UTILITIES AND SERVICES AT (AND IN THE VICINITY OF) THE PROJECT.

39. CONTRACTOR IS RESPONSIBLE FOR HAVING EXISTING GAS LINES, POWER LINES, WATER LINES, SEWER LINES, COMMUNICATION LINES, CABLE, ELECTRICAL LINES, ETC. DISCONNECTED AND RELOCATED AS NECESSARY. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY COMPANIES.

40. UTILITIES OR SERVICES TEMPORARILY REMOVED OR DISCONNECTED IN ORDER TO PERFORM THE WORK SHALL BE REBUILT OR REPLACED TO MATCH THE (E) CONDITION PRIOR TO THEIR REMOVAL AND REINSTALLATION. SUCH WORK SHALL BE SUBJECT TO THE APPROVAL OF THE CITY.

CITY OF TRACY

Think Inside the Triangle

LICENSED ARCHITECT
PAUL W. POWERS
C-29713
2/28/2027
RENEWAL DATE
STATE OF CALIFORNIA

ENGINEERS ARCHITECTS
KPA
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com

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NO.	DATE	REVISIONS DESCRIPTION	APPROVED

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DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353

GENERAL NOTES

TRANSIT STATION EMERGENCY BACKUP GENERATOR

50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

G002

CONSTRUCTION NOTES - CONTINUED

41. UTILITY CONNECTIONS AND DISCONNECTIONS NECESSARY TO COMPLETE THE WORK WILL BE PERFORMED IN SUCH A MANNER AS TO MINIMIZE UTILITY SERVICE INTERRUPTIONS TO FACILITY OPERATIONS IN THE VICINITY OF CONSTRUCTION. THE CONTRACTOR WILL COORDINATE ALL UTILITY INTERRUPTIONS DURING ALL PHASES OF CONSTRUCTION. COORDINATE ALL OWNER'S "DOWN TIME" WITH THE CITY OF TRACY.

42. ALL EXCAVATIONS SHOULD BE PERFORMED IN ACCORDANCE WITH CAL OSHA REQUIREMENTS.

43. WHERE UNSTABLE OR UNSUITABLE MATERIALS ARE ENCOUNTERED DURING SUBGRADE PREPARATION, THE AREA IN QUESTION SHALL BE OVER EXCAVATED AND REPLACED BY SELECTED BACKFILL MATERIAL AS DIRECTED BY THE CITY OF TRACY.

44. CONTRACTOR IS TO DELIVER TO THE CITY OF TRACY THE PROJECT IN A COMPLETE AND OPERATIONAL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY INVESTIGATION OR STUDIES THAT ARE REQUIRED BY THE CONTRACTOR TO SATISFY THIS REQUIREMENT. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR SAW CUT/FILL AND/OR IMPORT/EXPORT.

45. LOCATE CONTRACTOR STAGING AND STORAGE AREA, PORTABLE TOILETS WITH LOCATION APPROVED BY THE CITY OF TRACY. PROVIDE BASE/PAVING IF REQUIRED BY GENERAL CONTRACTOR.

46. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO KEEP THE ENTIRE SITE IN COMPLIANCE WITH STATE AND LOCAL LAWS AND MEASURES.

47. ADJUSTMENTS SHALL BE MADE TO THIS PLAN AS NECESSARY TO WORK WITH THE CONSTRUCTION PHASING OF THE PROJECT. CONTRACTOR SHALL SUBMIT PHASING PLAN TO THE CITY OF TRACY FOR APPROVAL.

48. HEREIN MAY NOT COVER ALL THE SITUATIONS THAT MAY ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS AND ADDITIONS MAY BE MADE BY THE CONTRACTOR TO THIS PLAN WITH THE APPROVAL BY THE CITY OF TRACY. COST REGARDING ADJUSTING EROSION CONTROL PLAN DUE TO UNANTICIPATED AND CHANGING FIELD CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

49. CONTRACTOR SHALL CARRY OUT CONSTRUCTION OPERATIONS IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED. EXERCISE REASONABLE CARE WHEN HAULING ANY CONSTRUCTION DEBRIS OVER EXISTING ROADWAYS, PARKING LOTS, AND BUS DRIVEWAYS. SHOULD ANY BLOW, SPILL OR TRACK OVER AND UPON SAID PUBLIC OR ADJACENT PRIVATE PROPERTY, IMMEDIATELY REMEDY THE SITUATION BY USING PROPER CLEANING PROCEDURES. CONTRACTOR SHALL KEEP ALL PAVED AREAS CLEAR OF EARTH, MATERIAL AND DEBRIS. PROVIDE STREET SWEEPING AS NECESSARY, PER BMP FACT SHEET SE-7 OF "THE HANDBOOK". MAINTAIN AN INSPECTION SCHEDULE FOR THE IMPLEMENTED SEDIMENT AND EROSION BMP MEASURES AT LEAST ONCE A WEEK AND/OR 24 HOURS BEFORE AND AFTER A FORECASTED RAIN EVENT.

50. VACUUM, DUST, SWEEP AND REMOVE DEBRIS DAILY.

51. COORDINATE ANY NECESSARY ELECTRICAL OR OTHER SYSTEM SHUTDOWN WITH THE CITY OF TRACY AT LEAST 30 DAYS IN ADVANCE. PROVIDE ALL NECESSARY LIFE SAFETY, SECURITY AND MONITORING DURING SHUTDOWN.

52. PROTECT ALL EXISTING ITEMS AND FINISHES TO PROTECT THEM FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.

53. PROTECT EXISTING WATER VALVE, IRRIGATION WIRING, UTILITIES, COMMUNICATION AND OTHER SITE ATTRIBUTES AS REQUIRED DURING DEMOLITION AND NEW CONSTRUCTION.

54. REPLACE ALL (E) ITEMS TO REMAIN THAT ARE DAMAGED/REMOVED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO CITY OF TRACY.

55. PROVIDE ANY NECESSARY OFF-SITE STORAGE AND STAGING.

56. MAINTAIN HIGH VISIBILITY PLASTIC (ORANGE OR EQUAL) 4'-0" HIGH CONSTRUCTION BARRIER (FENCE WITH VISUAL CONTROLS) AT ALL TIMES AROUND ENTIRE PERIMETER OF SITE. ALL CONSTRUCTION BARRIERS ARE DIAGRAMMATIC. ADJUST LOCATION AND CONFIGURATION OF CONSTRUCTION BARRIERS DURING THE PROJECT AS NECESSARY. PROVIDE ADEQUATE SAFETY BARRICADES AT NO ADDITIONAL COST TO THE CITY OF TRACY. MAINTAIN SITE FREE OF GRAFFITI (TAGGING) AND BUILD UP OF DEBRIS ALONG FENCE PERIMETER, BOTH SIDES.

57. KEYED NOTES AND SCHEDULED MAINTENANCE CLEANUP PHASES OF START AND STOP DEPEND UPON ACTUAL CONSTRUCTION SEQUENCE BY CONTRACTOR.

58. DRAWINGS AND SPECIFICATIONS ARE COMPLIMENTARY TO EACH, NOT SELF-SUFFICIENT. ALL THAT IS MENTIONED IN SPECIFICATIONS AND NOT SHOWN ON DRAWINGS OR SHOWN ON DRAWINGS AND NOT MENTIONED IN SPECIFICATIONS SHALL BE AS IF SHOWN ON OR MENTIONED IN BOTH.

59. CONTRACTOR SHALL MEET APPLICABLE PROVISION OF CFC CHAPTER 33: FIRE SAFETY DURING CONSTRUCTION, ALTERATION AND DEMOLITION

60. ROCKS LARGER THAN 3 INCHES, DEBRIS, THRASH AND MATERIAL UNSUITABLE FOR RECOMPACTION ENCOUNTERED DURING TRENCHING AND EXCAVATIONS SHALL BE REMOVED FROM SITE AT NO ADDITIONAL COST TO CITY.

61. ALL ACCESSIBILITY FEATURES PROVIDED ON SITE AND AT OR IN BUILDINGS ARE TO COMPLY WITH THE APPLICABLE SECTIONS OF 2022 CALIFORNIA BUILDING CODE SECTION 11B, 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, AND TITLE II OF THE ADA.

62. SEQUENCING OF CONCRETE SIDEWALK POURS AND OTHER ADJACENT ELEMENTS: NO CONCRETE SIDEWALKS ARE TO BE CONSTRUCTED PRIOR TO ADJOINING ELEMENTS (CURBING, FOUNDATIONS, ETC.) OR PRIOR TO THE CONSTRUCTION OR SETTING OF ANY BUILDING AND ITS ENTRANCE DOOR THRESHOLD(S).

63. PROVIDE A 3-A:40-B:C (10LB. CAPACITY) RATED FIRE EXTINGUISHER NEAR THE GENERATOR AT NO MORE THAN FIVE (5) FEET ABOVE FLOOR LEVEL. EXTINGUISHER SHALL BE COMMERCIAL GRADE, CURRENTLY TAGGED, OR HAVE MANUFACTURER DATE CLEARLY MARKED ON THE EXTINGUISHER. A WEATHER-PROOF CABINET SHALL BE PROVIDED FOR FOR EXTERIOR MOUNT INSTALLATIONS. (906.1) CFC

64. PROVIDE NFPA 704 PLACARDS ON THE EXTERIOR OF DOOR/GATES OF THE GENERATOR ENCLOSURES AS FOLLOWS:
HEALTH; (BLUE)-1, FIRE; (RED)-2, REACTIVITY; (YELLOW)-0



NFPA 704 PLACARDS SHALL BE VISIBLE FROM ALL ANGLES OF APPROACH. (5704.2.3.2) AND (5003.5) CFC

65. SIGNS PROHIBITING SMOKING AND OPEN FLAMES SHALL BE POSTED. (5704.2.3.2) CFC

66. THE VENT PIPE OUTLET SHALL BE LOCATED SUCH THAT THE VAPORS ARE RELEASED NOT LESS THAN TWELVE (12) FEET ABOVE FINISHED GROUND LEVEL. (5704.2.7.3.3) CFC

67. ENCLOSURES SUBJECT TO VEHICLE CONTACT SHALL HAVE VEHICLE IMPACT PROTECTION IN ACCORDANCE WITH SECTION 312 OF THE CALIFORNIA FIRE CODE. BOLLARDS SHALL NOT BE LESS THAN 4 INCH DIAMETER STEEL, CONCRETE FILLED, NOT LESS 3 FEET ABOVE GRADE AND NOT LESS THAN 3 FEET BELOW GRADE INTO A MINIMUM 15 INCH DIAMETER CONCRETE BASE. (5703.6.4) CFC

68. CONTACT THE SOUTH SAN JOAQUIN COUNTY FIRE AUTHORITY (MINIMUM 2 WORKING DAYS IN ADVANCE) TO SCHEDULE A FINAL FIRE INSPECTION. (209-831-6700)

69. APPROVED STAMPED PLANS SHALL BE ONSITE AT THE TIME OF THE INSPECTION. FAILURE TO HAVE APPROVED PLANS ON SITE MAY RESULT IN THE CANCELLATION OF THE INSPECTION, AND A REINSPECTION FEE BEING ASSESSED.

70. SJCFA APPROVAL DOES NOT RELIEVE THE DESIGNER/CONTRACTOR FROM FULLY COMPLYING WITH ALL APPLICABLE FIRE CODE REQUIREMENTS, NOR DOES IT ABROGATE THE REQUIREMENTS OF OTHER AUTHORITIES HAVING JURISDICTION.

GENERATOR CONSTRUCTION NOTES

1. CONTRACTOR SHALL PROVIDE ALL TEMPORARY FENCING, LIGHTING AND SIGNAGE FOR A SAFE AND SECURE WORK SITE.

2. EXCAVATION OF ANY DEPTH BELOW 3'-0" SHALL BE REQUIRED TO CONTACT THE CITY OF TRACY.

APPLICABLE BUILDING CODES AND STANDARDS:

- ADMINISTRATIVE: 2022 CALIFORNIA ADMINISTRATIVE CODE & SUPPLEMENT JULY 2021
- BUILDING CODE: 2022 CALIFORNIA BUILDING CODE (VOL. 1 & 2) & SUPPLEMENT JULY 2021
- STRUCTURAL CODE: 2022 CALIFORNIA BUILDING CODE
- PLUMBING CODE: 2022 CALIFORNIA PLUMBING CODE & SUPPLEMENT JULY 2021
- MECHANICAL CODE: 2022 CALIFORNIA MECHANICAL CODE & SUPPLEMENT JULY 2021
- ELECTRICAL CODE: 2022 CALIFORNIA ELECTRIC CODE
- NFPA 70: 2020 NATIONAL ELECTRICAL CODE
- FIRE PROTECTION: 2022 CALIFORNIA FIRE CODE & SUPPLEMENT JULY 2021
- NFPA 13: 2019 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- ENERGY CODE: 2022 CALIFORNIA ENERGY CODE
- SUSTAINABILITY: 2022 CALIFORNIA GREEN BUILDING STANDARDS
- ADA: 2010 ADA STANDARDS
- GREEN BUILDING: 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE & SUPPLEMENT JULY 2021
- REFERENCED: 2019 CALIFORNIA REFERENCED STANDARDS CODE
- NATIONAL FIRE ALARM AND SIGNALING CODE 2016 OF CALIFORNIA ADOPTS WITH AMENDMENTS: NFPA 72, 2016
- BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE OF CALIFORNIA ADOPTS WITH AMENDMENTS: ACI 318 2014
- TITLE 24: 2019 TITLE 24 CALIFORNIA CODE OF REGULATIONS, AS AMENDED PER THE CITY OF TRACY MUNICIPAL CODE

DRAWING CONVENTIONS AND DIMENSIONING:

1. CONSTRUCTION DRAWINGS MAY BE IN VARIANCE TO EXISTING AS-BUILT CONDITIONS IN THE FIELD. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD WHERE CONTRACT WORK OCCURS.

2. THE CONTRACTOR SHALL NOT SCALE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE START OF WORK AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.

3. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT REVIEW BY THE ARCHITECT. DIMENSIONS NOTED "CLR" OR "CLEAR" MUST BE STRICTLY MAINTAINED ALLOWING FOR THICKNESS OF ALL FINISHES INCLUDING BASE, TILE, GYPSUM BOARD, ETC. CHECK DIMENSIONS NOTED "VERIFY IN FIELD" OR "V.I.F." PRIOR TO CONSTRUCTION.

4. DIMENSIONS ARE INDICATED TO THE CENTERLINE OF THE STRUCTURAL GRID AND FACE OF FINISH WALL OR PARTITION TYPE AS SCHEDULED, UNLESS OTHERWISE NOTED.

5. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR A.F.F.

6. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

7. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.

8. "TYPICAL" OR "TYP" MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS U.O.N.

9. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS AND ELEVATIONS.

10. "PARTIAL" MEANS A LIMITED PORTION OF AN ELEMENT (I.E. WALL, BASE, FLOOR OR CEILING) AFFECTED BY THE ADJACENT REMOVAL AND/OR NEW CONSTRUCTION.

11. "AS REQUIRED" INDICATES COMPONENTS REQUIRED TO COMPLETE THE WORK AS INDICATED IN THE PROJECT DOCUMENTS.

12. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:

a. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCE AND BUILDING CODE REQUIREMENTS
b. LARGE SCALE DETAILS
c. SMALL SCALE DETAILS
d. ENLARGED VIEWS
e. FLOOR PLANS AND ELEVATIONS

CITY OF TRACY

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LICENSED ARCHITECT
PAUL W. POWERS
C-29713
2/28/2027
RENEWAL DATE
STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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SYMBOL	DATE	DESCRIPTION	APPROVED
1	12-13-24	ROOF COMMENTS REV 1	

PREVISIONS

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353

GENERAL NOTES

TRANSIT STATION EMERGENCY BACKUP GENERATOR

50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

G003

SCOPE

1. THE FOLLOWING GENERAL NOTES APPLY TO THE ENTIRE SET OF DRAWINGS LISTED BY THE "INDEX OF DRAWINGS".

2. THE COMPLETE SET OF DRAWINGS CONSISTS OF ALL DRAWINGS LISTED BY THE "SHEET INDEX" ON SHEET G001. COMPLETION OF WORK DESCRIBED MAY BE AFFECTED BY THE DRAWINGS OF ANOTHER DISCIPLINE. PARTIAL SETS OF DRAWINGS ARE INCOMPLETE. DO NOT DISTRIBUTE OR UTILIZE PARTIAL SETS OF DRAWINGS FOR CONSTRUCTION.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUBCONTRACTORS, TRADES, AND SUPPLIERS WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS WHICH MIGHT AFFECT THE WORK OF THAT PARTY.

4. ALL WORK SHOWN IS BY CONTRACTOR U.O.N. ALL DRAWINGS AND SPECIFICATIONS ARE CONSIDERED TO BE PART OF THE CONTRACT DOCUMENTS. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

5. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPAL AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO WORK IMPACTS FROM THE MECHANICAL, PLUMBING AND ELECTRICAL RETROFIT. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT.

6. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AMENDMENTS, RULES, REGULATIONS, ORDINANCES, LAWS, ORDERS, APPROVALS, ETC. THAT ARE REQUIRED BY THE AUTHORITY HAVING JURISDICTION OVER THE WORK. IN THE EVENT OF CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL APPLY. REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE CURRENT APPLICABLE EDITIONS OF PUBLICATIONS.

7. NO PART OF THE CONTRACT DOCUMENTS SHALL BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO AN APPLICABLE GOVERNING RULE, CODE, REGULATION, ORDINANCE, OR LAW.

8. APPLICABLE PORTIONS OF THE CODES, REGULATIONS, AND STANDARDS LISTED HERE ARE INCORPORATED BY REFERENCE INTO THE REQUIREMENTS OF THIS CONTRACT AND ESTABLISH MINIMUM REQUIREMENTS WITH WHICH THE WORK MUST COMPLY.

9. PROPRIETARY PRODUCTS OR ASSEMBLIES UTILIZED AS "BASIS OF DESIGN":

   A. ON OCCASION, THE DRAWINGS MAY REFER TO A SINGLE PROPRIETARY PRODUCT OR ASSEMBLY WHILE THE SPECIFICATIONS LIST TWO OR MORE ACCEPTABLE MANUFACTURES AND/OR PRODUCTS, WHEN THIS OCCURS, THE PRODUCT OR ASSEMBLY ILLUSTRATED BY THE DRAWINGS IS THE "BASIS OF DESIGN" PRODUCT OR ASSEMBLY.

   B. THE DIMENSIONS, MOUNTING HEIGHTS, CLEARANCES, AND ACCESS REQUIREMENTS OF SPECIFIED PRODUCTS AND ASSEMBLIES OTHER THAN THE "BASIS OF DESIGN" MAY VARY FROM THAT SHOWN BY THE DRAWINGS.

   C. THE CONTRACTOR MAY UTILIZE ANY OTHER SPECIFIC PRODUCT OR ASSEMBLY IN LIEU OF THE "BASIS OF DESIGN" PRODUCT OR ASSEMBLY, AS APPROVED BY ARCHITECT. HOWEVER, THE CONTRACTOR IS RESPONSIBLE (AT NO ADDITIONAL EXPENSE TO THE OWNER) FOR ALL COORDINATION AND REVISIONS TO DIMENSIONS AND/OR DETAILS NECESSARY TO ACHIEVE THE SAME FUNCTIONAL AND AESTHETIC DESIGN INTENT AS ILLUSTRATED BY THE "BASIS OF DESIGN" SHOWN BY THE CONTRACT DOCUMENTS.

10. THE CONTRACTOR SHALL VISIT THE PROJECT SITE AND VERIFY THAT ALL DEMOLITION AND RECONSTRUCTION WORK DESCRIBED BY THE CONTRACT DOCUMENTS IS SUBSTANTIALLY INDICATED AND CLEAR.

11. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS, BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO SUBMITTING ANY BID. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED.

12. CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, SPECIFICATIONS, NOTES AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH WORK.

13. THE CONTRACTOR MUST SUBMIT IN WRITING ANY REQUESTS FOR MODIFICATIONS TO THE PLANS AND SPECIFICATIONS.

14. PERFORM THE WORK AT THE PROJECT SITE DURING NORMAL BUSINESS HOURS, UNLESS OTHERWISE NOTED.

15. PROVIDE ALL LABOR, MATERIALS, ARTICLES, SUPPLIES AND EQUIPMENT AS SPECIFIED, DESIGNATED, OR REQUIRED BY THE CONTRACT.

16. CONTRACTOR SHALL PROTECT FROM DAMAGE ALL ELEMENTS TO REMAIN, WHICH ARE IN THE VICINITY OF CONSTRUCTION ACTIVITIES.

17. ALL EXISTING UTILITIES ARE TO BE ABANDONED AND SHALL BE REMOVED AS SHOWN ON UTILITY DEMOLITION SHEET.

18. ERECT AND INSTALL ALL WORK LEVEL, PLUMB, SQUARE, TRUE, STRAIGHT AND IN PROPER ALIGNMENT.

19. INSTALL MANUFACTURED MATERIALS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS, UNLESS OTHERWISE NOTED.

20. APPLICATION OF FINISH: SURFACES PREVIOUSLY PREPARED OR INSTALLED BY ANOTHER TRADE SHALL BE INSPECTED CAREFULLY BY THE SUBCONTRACTOR BEFORE APPLYING SUBSEQUENT MATERIALS OR FINISHES. IF SURFACES ARE NOT ACCEPTABLE, THE GENERAL CONTRACTOR SHALL BE NOTIFIED IMMEDIATELY IN ORDER THAT CORRECTIONS MAY BE MADE. APPLICATION OF FINISHES WILL BE CONSTRUED AS ACCEPTANCE OF RESPONSIBILITY BY THE SUBCONTRACTOR FOR THE BASE UPON WHICH IT IS APPLIED.

21. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS AT THE JOB SITE, INCLUDING SAFETY OF PEOPLE AND PROTECTION OF PROPERTY. ARCHITECT'S SITE VISITS ARE NOT INTENDED TO REVIEW THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.

22. ALL WASTE AND REFUSE GENERATED BY THE WORK OF THIS PROJECT SHALL BE REMOVED FROM PREMISES AND PROPERLY DISPOSED OF BY CONTRACTOR. CLEAN SITE AT REGULAR INTERVALS AND AT THE END OF PROJECT. THE PREMISES SHALL BE LEFT CLEAR AND CLEAN TO THE SATISFACTION OF THE CITY OF TRACY. REMOVE DUST, DEBRIS, OILS, STAINS, FINGERPRINTS AND LABELS FROM EXPOSED SURFACES, INCLUDING BOTH SIDES OF GLAZING.

23. NO FACTORY COMPLIANT TIER 4 DIESEL GENERATORS SHALL BE PROVIDED. AFTERMARKET TIER 4 EMISSIONS TREATMENT SYSTEM REQUIRED

24. WHEN PROJECT IS COMPLETE, CLEAN ENTIRE AREAS AFFECTED BY CONSTRUCTION, GENERATOR ENCLOSURE, AND SITEWORK.

COORDINATION

1. REVIEW ALL CONTRACT DOCUMENTS. VERIFY ALL FIELD DIMENSIONS AND CONDITIONS AND CONFIRM THAT WORK IS CONSTRUCTIBLE AS SHOWN. IMMEDIATELY REPORT ANY CONFLICTS OR OMISSIONS TO THE ARCHITECT FOR CLARIFICATION BEFORE THE PERFORMANCE OF ANY WORK IN QUESTION.

2. VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING, PLUMBING, AND SPRINKLER EQUIPMENT (INCLUDING ALL PIPING, DUCTS AND CONDUITS), AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF EQUIPMENT ARE PROVIDED.

3. DETAILS SHOWN IN DRAWINGS APPLY TO ALL APPLICABLE CONDITIONS WHETHER OR NOT SPECIFICALLY REFERENCED.

4. ANY CONFLICTS BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE OWNER FOR WRITTEN INTERPRETATION BEFORE THE PERFORMANCE OF ANY WORK IN QUESTION.

5. PLANNING AND ACCOMMODATION FOR ADJACENT FACULTY USES AND PUBLIC ACCESS SHALL BE CONSIDERED AND SHOWN ON CONTRACTOR SUBMITTED DEMOLITION, OPERATIONAL AND COMPLIANCE PLANS.

6. CONTRACTOR SHALL ESTABLISH/VERIFY BENCHMARKS, AND THE LOCATION. ADD BEARING ON NEW STRUCTURES AND FENCING.

7. WORK SHOWN IS PRIMARILY SHOWN BY A SYSTEM OF ELEMENTS COMPRISED TO CREATE A FUNCTIONAL, USEABLE AND COMPLETE FACILITY AND SITE. VARIOUS MATERIALS AND PIECES OF EQUIPMENT ARE FITTED TO OTHERS, VARIOUS MATERIALS ARE APPLIED TO WHICH OTHER MATERIALS ATTACH AND SIMILAR INSTALLATION RELATIONSHIP. EACH MANUFACTURER, CONTRACTOR, AND SUBCONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTION TO INSURE THAT MATERIALS, DEVICES, ITEMS, EQUIPMENT OR OTHER PRODUCTS CAN BE SATISFACTORILY APPLIED OR INSTALLED TO EACH OTHER OR WORK OF OTHERS, AND SHALL MAKE NECESSARY ADJUSTMENT DURING PREPARATION OF SHOP DRAWINGS OR IN ADVANCE OF FIELD OR SHOP WORK TO ACCOMMODATE OTHER WORK TO PREVENT UNSATISFACTORY ITEMS OR INSTALLATION.

8. PROPER PERFORMANCE OF THE CONTRACT SHALL IMPLY, AMONG OTHER THINGS, CORRECT AND PROPER PLACEMENT, PROPER OR PUBLISHED RESULTS FOR PRODUCTS AND EQUIPMENT, FITTING AND OPERATIONS OF FIXED OR MOVABLE AND OPERATING PARTS OF THE WORK, INCLUDING DOORS, WINDOWS, HARDWARE AND ALL SYSTEMS AND EQUIPMENT. ALL MATERIALS AND EQUIPMENT SHALL BE COMPLETE IN EVERY RESPECT, WITH ALL PARTS, CONNECTIONS, ANCHORS, DEVICES, BACKING, FITTINGS, CONTROLS AND OTHER NECESSARY ITEMS, AND SHALL BE COMPLETELY INSTALLED, ANCHORED, FITTED, AND PLACED IN OPERATING CONDITION.

CITY OF TRACY

TRACY — Think Inside the Triangle

LICENSED ARCHITECT
PAUL W. POWERS
C-29713
2/28/2027
RENEWAL DATE
STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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SYMBOL	DATE	REVISIONS	APPROVED
1	26-02-25	ROOK COMMENTS-REV 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353

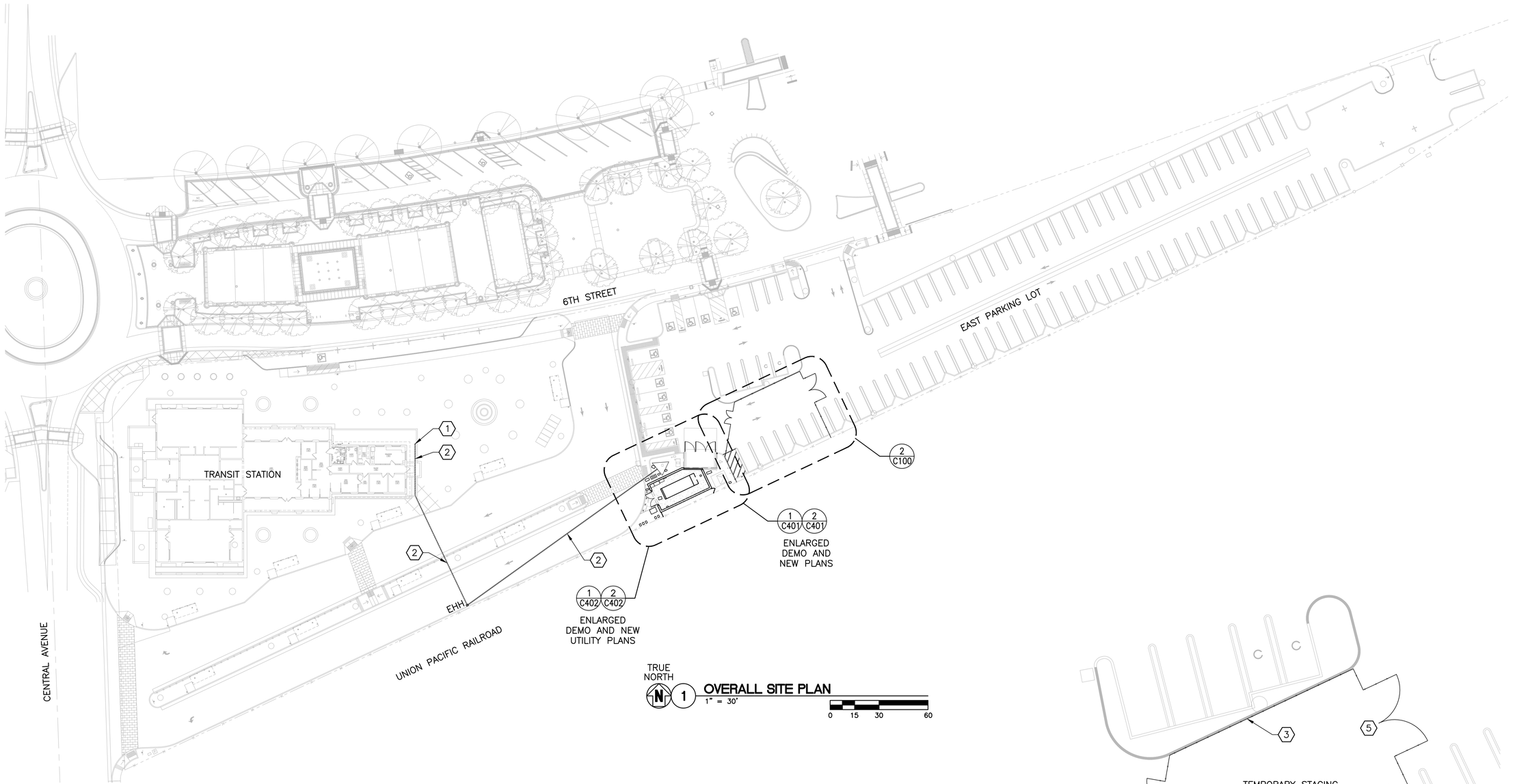
GENERAL NOTES

TRANSIT STATION EMERGENCY BACKUP GENERATOR

50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

G004

SHEET 4 OF 20

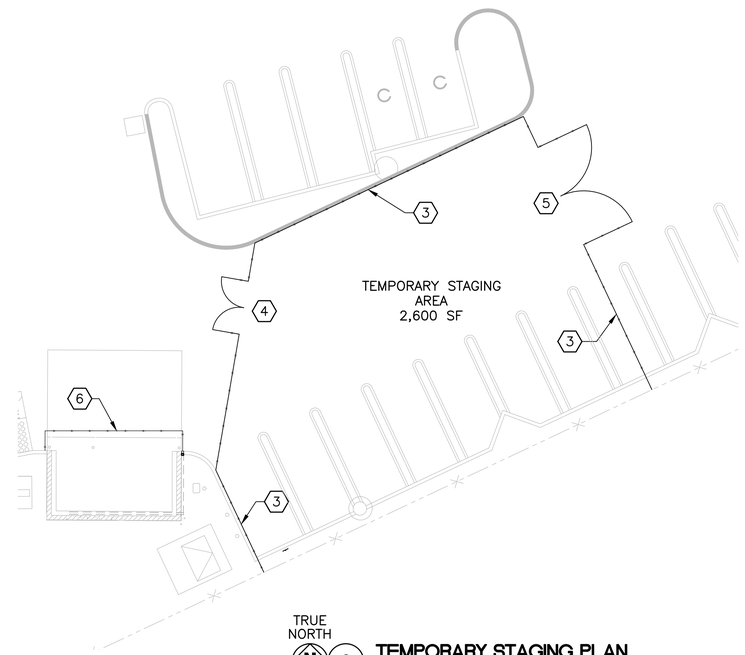


GENERAL NOTES:

1. FIELD VERIFY EXISTING CONDITIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. COORDINATE ALL DEMOLITION/NEW ELECTRICAL EQUIPMENT WITH ELECTRICAL DRAWINGS.
3. REPAIR/REFINISH ANY SURFACES DISTURBED BY DEMOLITION AND/OR NEW CONSTRUCTION. MATCH EXISTING MATERIALS.
4. CONTRACTOR MAY ALTER EXISTING FENCING AS NEEDED TO SECURE CONTRACTOR'S EQUIPMENT, TOOLS AND MATERIALS. SUBMIT TO CITY FOR REVIEW AND APPROVAL.
5. SEE ENLARGED PLAN SHEET C401 FOR DEMOLITION WORK AT LOCATION OF NEW GENERATOR.
6. COORDINATE ORDER OF WORK TO INSTALL NEW ELECTRICAL SERVICE PRIOR TO TRANSFER OF EXISTING BUILDING POWER TO NEW ELECTRICAL SERVICE. CONTRACTOR TO PROVIDE TEMPORARY POWER IF OVER 8 HOURS.

NEW WORK KEYED NOTES:

1. CONNECTION POINT FOR NEW ELECTRICAL GROUNDING CONDUCTOR TO EXISTING
2. BORE UNDERGROUND ELECTRICAL GROUNDING CONDUCTOR (MIN. 30" DEEP), SEE ELECTRICAL DRAWINGS
3. CONTRACTOR TO PROVIDE A TEMPORARY 8' HIGH CHAIN LINK FENCE. INSTALL PRIOR TO ANY CONSTRUCTION ACTIVITIES AND REMOVE UPON COMPLETION OF PROJECT.
4. PROVIDE (2) LOCKABLE 4'–0"W. MAN ACCESS GATES
5. PROVIDE (2) LOCKABLE 8'–0"W. VEHICLE ACCESS GATES
6. CONTRACTOR TO PROVIDE TEMPORARY MOVABLE 6'–8" HIGH CHAIN LINK FENCING AT TRASH ENCLOSURE UPON DEMOLITION OF (E) GATES



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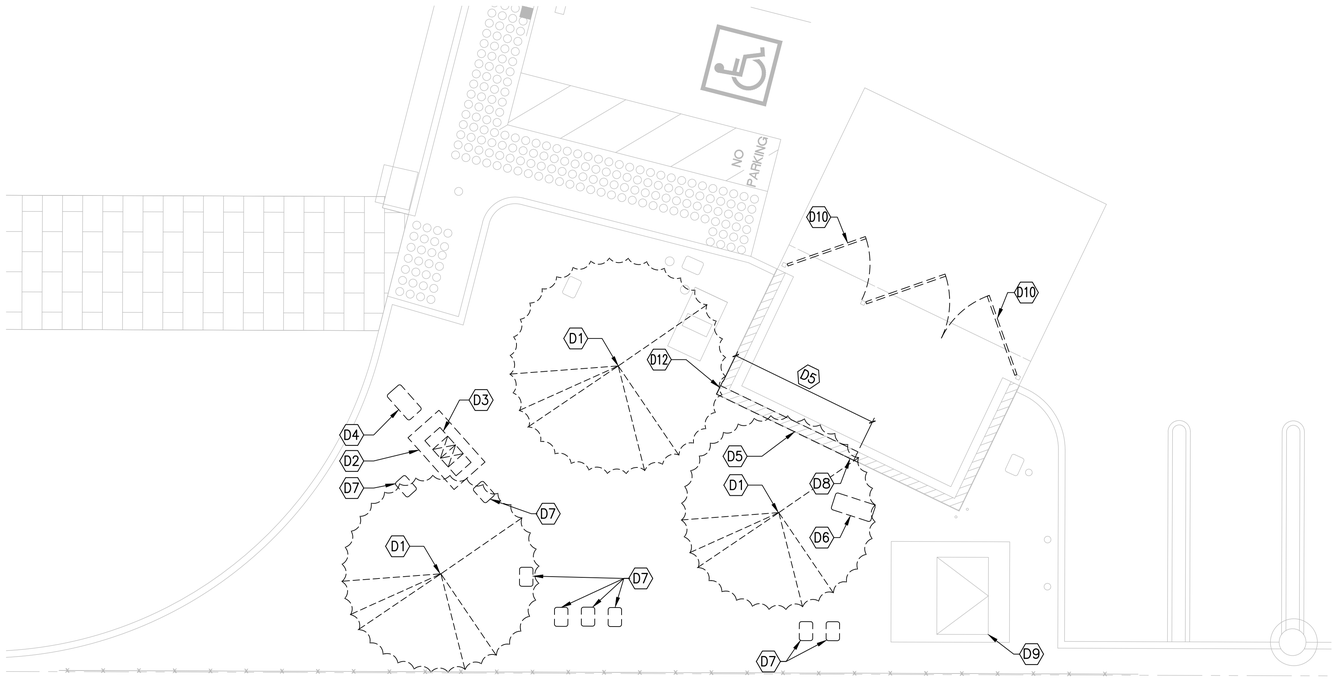
KPA ENGINEERS ARCHITECTS
THE KPA GROUP
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LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
1	10-12-25	BCVE COMMENTS REV 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
OVERALL SITE PLAN
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

C100

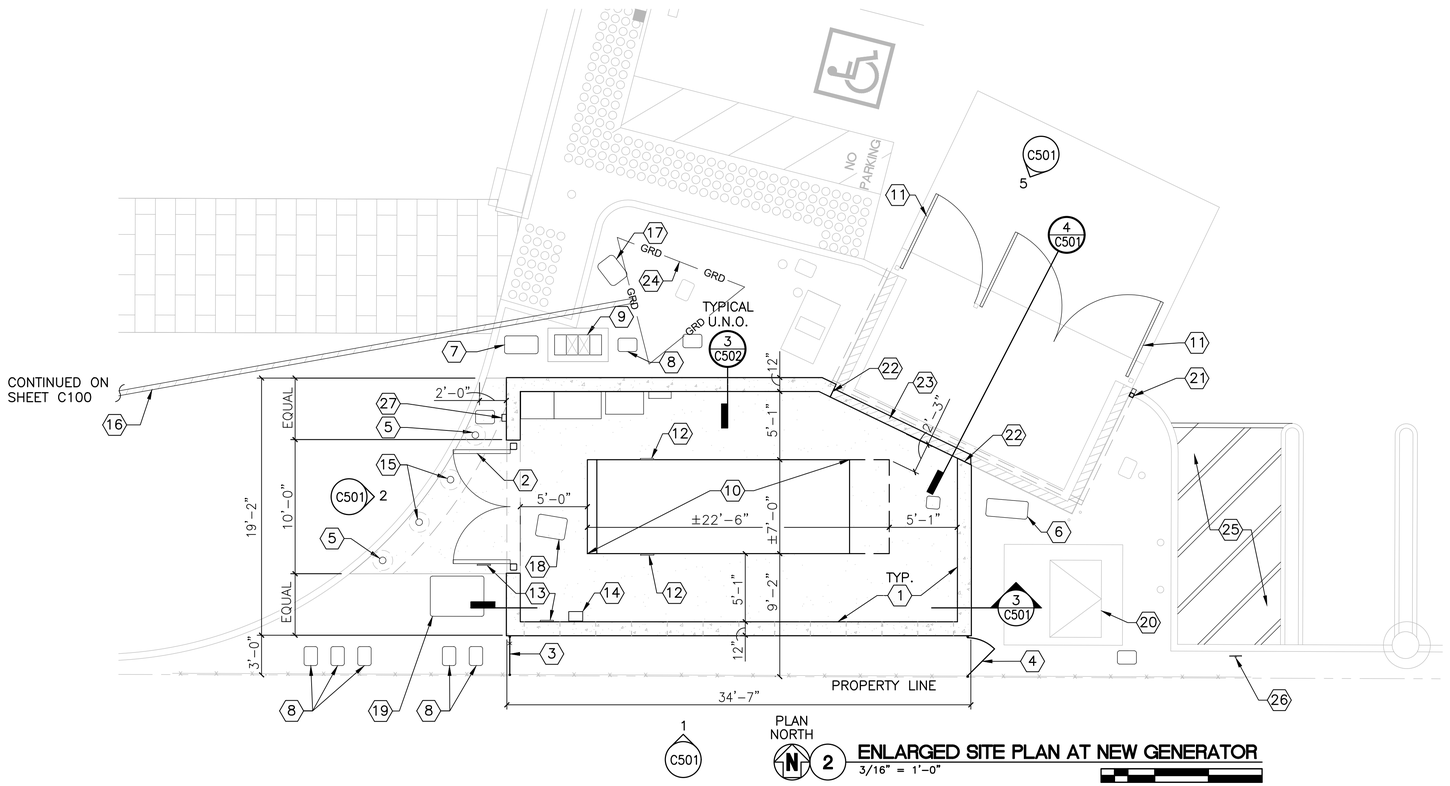


PLAN NORTH

N 1 **ENLARGED SITE DEMOLITION PLAN**

3/16" = 1'-0"

0 4' 8' 12'



1 C501

PLAN NORTH

N 2 **ENLARGED SITE PLAN AT NEW GENERATOR**

3/16" = 1'-0"

0 4' 8' 12'

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. SEE SITE UTILITY PLAN FOR UNDERGROUND DEMOLITION, SEE C402.
3. TOTAL CAPACITY OF THE GENERATOR DIESEL SUB-BASE TANK IS 720 GALLONS.
4. THE GENERATOR INSTALLATION IS TO BE IN ACCORDANCE WITH 2021 NFPA 30 AS ADOPTED BY THE 2022 CFC.
5. METALLIC FILL PIPE TO COMPLY WITH CFC 5704.2.7.5.5 TO MINIMIZE THE GENERATION OF STATIC ELECTRICITY BY TERMINATING THE PIPE WITHIN 6" OF THE BOTTOM OF THE TANK.
6. SEE SHEET C502 FOR GENERATOR VENTING LOCATION

DEMOLITION KEYED NOTES:

D1 – REMOVE EXISTING TREE, GRIND STUMP TO 12" BELOW GRADE

D2 – REMOVE EXISTING CONCRETE SLAB

D3 – REMOVE EXISTING BACKFLOW PREVENTER AND BACKFLOW ENCLOSURE, SALVAGE FOR RE-USE, SEE 2/C401 FOR NEW LOCATION

D4 – REMOVE EXISTING WATER METER/HANDHOLE, SALVAGE AND RETURN OVER TO OWNER

D5 – REMOVE PORTION OF EXISTING PRECAST CONCRETE CAP AT LOCATION OF NEW CONCRETE WALL, SEE DETAIL 1/C502

D6 – REMOVE EXISTING COMMUNICATIONS SERVICE BOX, SALVAGE FOR RE-USE, SEE 2/C401 FOR NEW LOCATION. COORDINATE WITH COMCAST

D7 – REMOVE EXISTING IRRIGATION HANDHOLE, SALVAGE AND RETURN TO OWNER

D8 – REMOVE PORTION OF CEMENT PLASTER FINISH FOR NEW CONCRETE WALL TO BUTT INTO EXISTING MASONRY WALL

D9 – PROTECT EXISTING TRANSFORMER DURING DEMOLITION

D10 – DEMOLISH EXISTING GATES AND HARDWARE, EXISTING JAMB POSTS TO REMAIN, PREP POSTS TO RECEIVE NEW GATES

NEW WORK KEYED NOTES:

1 – 12" REINFORCED CONCRETE WALL WITH CORRUGATED METAL PANEL ABOVE, SEE EXTERIOR ELEVATIONS ON SHEET C501

2 – STEEL GATES, SEE EXTERIOR ELEVATION CALLOUT, SEE 2/C501

3 – PROVIDE NEW FENCE FROM NEW WALL TO EXISTING FENCE, HEIGHT, MATERIAL AND FINISH TO MATCH EXISTING

4 – PROVIDE NEW FENCE GATE WITH HASP AND PADLOCK, HEIGHT, MATERIAL AND FINISH TO MATCH EXISTING

5 – 6"ø STEEL PIPE BOLLARD, SEE DETAIL 6/C502, 4'-0" MAX. CENTER TO CENTER

6 – NEW LOCATION OF (E) COMMUNICATION SERVICES BOX

7 – NEW WATER METER/HANDHOLE

8 – NEW IRRIGATION HANDHOLE, SEE SHEET C402

9 – NEW LOCATION OF (E) BACKFLOW PREVENTER ON (N) CONCRETE EQUIPMENT SLAB, SEE DETAIL D8.2/C503 FOR EQUIPMENT SLAB

10 – NEW DEISEL BACK-UP GENERATOR w/ DOUBLE WALLED CONTAINMENT, CONTRACTOR TO COORDINATE LOCATION OF GENERATOR TO PROVIDE THE REQUIRED WORKING CLEARANCES. LEVEL FUEL BASE OF GENERATOR AS REQUIRED TO ACCOMMODATE SLOPED SLAB

11 – NEW TRASH ENCLOSURE GATES, SEE EXTERIOR ELEVATIONS ON SHEET C501

12 – PROVIDE NFPA 704 PLACARD AND A "NO SMOKING" SIGN MOUNTED ON GENERATOR HOUSING, SEE DETAILS 2/C502 & 8/C502

13 – PROVIDE A "NO SMOKING OR OPEN FLAME" SIGNAGE, SEE DETAIL 9/C502

14 – WEATHERTIGHT OUTDOOR FIRE EXTINGUISHER CABINET WITH 3-A:40-B:C RATED FIRE EXTINGUISHER, SURFACE MOUNTED TO CONCRETE WALL, TOP OF CABINET SHALL BE 60" MAX. ABOVE FLOOR SLAB,

15 – 6"ø REMOVABLE STEEL PIPE BOLLARD, SEE DETAIL 5/C502, 4'-0" MAX. CENTER TO CENTER

16 – BORE UNDERGROUND ELECTRICAL GROUNDING CONDUCTOR (MIN. 30" DEEP), SEE ELECTRICAL DRAWINGS

17 – NEW GROUNDING TEST WELL, SEE ELECTRICAL DRAWINGS

18 – NEW ELECTRICAL HANDHOLE, SEE ELECTRICAL DRAWINGS

19 – NEW PG&E VAULT, SEE ELECTRICAL DRAWINGS

20 – PROTECT EXISTING TRANSFORMER DURING NEW CONSTRUCTION

21 – ROOF DOWNSPOUT

22 – DOWEL (N) CONCRETE WALL TO (E) CMU TRASH ENCLOSURE WALL w/ #4'S @ 12" O.C., MIN. 6" EMBEDMENT

23 – BUILD UP (N) 8" CONCRETE WALL (E) CMU WALL, MATCH (N) CONCRETE WALL HEIGHT. SEE DETAIL 1/C502

24 – NEW ELECTRICAL COUNTERPOISE, SEE ELECTRICAL DRAWINGS

25 – PROVIDE 4"W. PAINTED STRIPING, MAX. SPACING AT 36" O.C., PAINT WHITE

26 – PROVIDE PARKING SIGNAGE, SEE DETAILS 12 & 13/C502

27 – SECURED KEY KNOX BOX LOCATION, SEE SHEET C501

CITY OF TRACY

TRACY Think Inside the Triangle

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THE KPA GROUP
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LIVERMORE, CALIFORNIA 94550
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REVISIONS

SYMBOL	DATE	DESCRIPTION	APPROVED
1	12-12-24	RWQCB COMMENTS-RD 1	
2	03-13-25	RWQCB COMMENTS-RD 2	

DESIGNED BY: CDT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

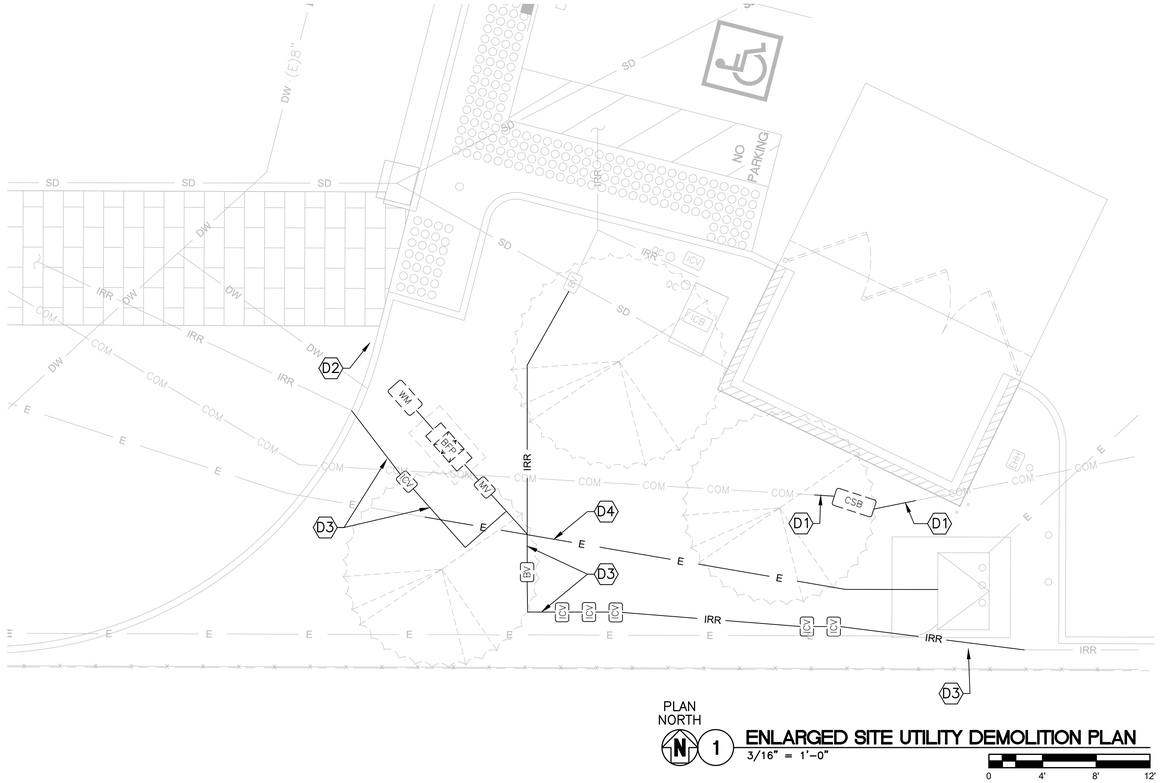
PERMIT #: COM24-0353

ENLARGED SITE PLANS - DEMO/NEW

TRANSIT STATION EMERGENCY BACKUP GENERATOR

50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

C401

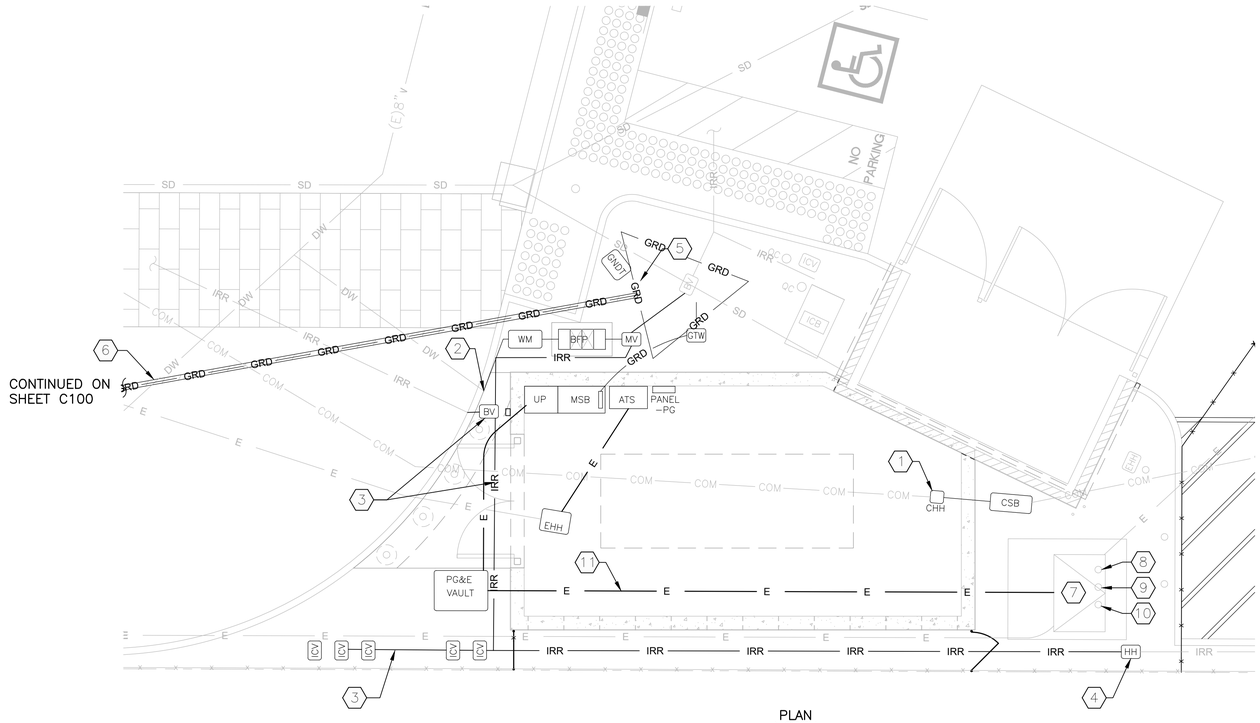


PLAN NORTH

1 ENLARGED SITE UTILITY DEMOLITION PLAN

3/16" = 1'-0"

0 4' 8' 12'



PLAN NORTH

2 ENLARGED SITE UTILITY PLAN AT NEW GENERATOR

3/16" = 1'-0"

0 4' 8' 12'

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. VERIFY AND PROTECT ALL EXISTING UTILITY LINES THAT SHALL REMAIN.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IRRIGATION OF THE AREA AFFECTED BY CONSTRUCTION, INCLUDING ALTERATION OF THE EXISTING SYSTEM TO FULLY SUPPLY LANDSCAPING THAT IS A RESULT OF ALL CONSTRUCTION AND TO ENSURE THE IRRIGATION SYSTEM WORKS AS IT DOES CURRENTLY. COORDINATE CHANGES TO IRRIGATION WITH CITY PARK MAINTENANCE.
4. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL UNDERGROUND CONDUIT FOR INSTALLATION OF THE NEW ELECTRICAL EQUIPMENT WITHIN THE GENERATOR ENCLOSURE.

DEMOLITION KEYED NOTES:

(D1) REMOVE PORTION OF COMMUNICATIONS CONDUIT FOR NEW GENERATOR ENCLOSURE

(D2) REMOVE PORTION OF WATER LINE, PROVIDE TEMPORARY WATER SERVICE "JUMPER" TO KEEP PLANTS ON SYSTEM ALIVE

(D3) REMOVE PORTION OF WATER LINE, PROVIDE TEMPORARY WATER SERVICE "JUMPER" TO KEEP PLANTS ON SYSTEM ALIVE

(D4) REMOVE PORTION OF (E) ELECTRICAL LINE FROM (E) TRANSFORMER TO NEW ELECTRICAL HANDHOLE LOCATION, SEE PLAN DETAIL 2/A402

NEW WORK KEYED NOTES:

(1) CONNECT NEW COMMUNICATIONS CONDUIT TO, (E) COMMUNICATION LINE, PROVIDE COMMUNICATIONS HANDHOLE AT NEW TO (E) SPLICE

(2) CONNECT NEW WATER METER PIPE TO EXISTING WATER LINE, PROVIDE SLEEVE FOR PIPE UNDER THE SLAB-ON-GRADE PORTION OF LINE

(3) NEW IRRIGATION WATER LINE, PLACE IN 2"ø PVC SLEEVE UNDER THE SLAB-ON-GRADE PORTION OF LINE

(4) CONNECT NEW IRRIGATION WATER LINE TO EXISTING AND CONTROL WIRE. ALL/ANY SPLICES MUST OCCUR IN BOX PER TRACY CITY STANDARDS

(5) NEW ELECTRICAL COUNTERPOISE SYSTEM, SEE ELECT. DRAWINGS

(6) BORE NEW GROUNDING CONDUCTOR AND GENERATOR COMMUNICATION FOR ANNUNCIATOR PANEL

(7) PG&E TRANSFORMER

(8) EMPTY TO BUILDING

(9) TO BUILDING "E"

(10) VPRRE

(11) NEW ELECTRICAL CONDUIT, SEE ELECTRICAL DRAWINGS

CITY OF TRACY

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PAUL W. POWERS
C-29713
2/28/2027
RENEWAL DATE
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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
1	10-10-24	RDWR COMMENTS-REV 1	
2	10-10-25	RDWR COMMENTS-REV 2	

DESIGNED BY: CDT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

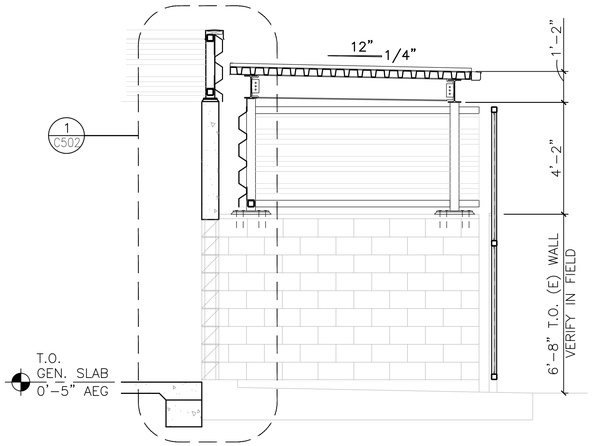
PERMIT #: COM24-0353

ENLARGED SITE UTILITY PLANS - DEMO/NEW

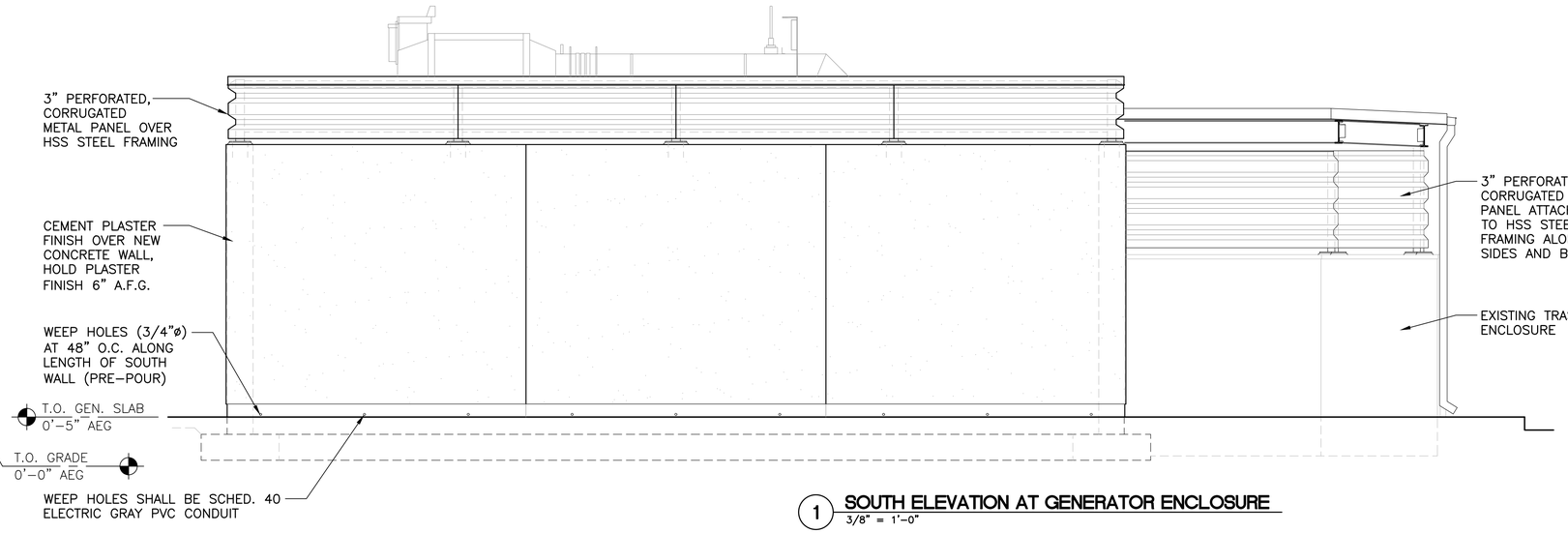
TRANSIT STATION EMERGENCY BACKUP GENERATOR

50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

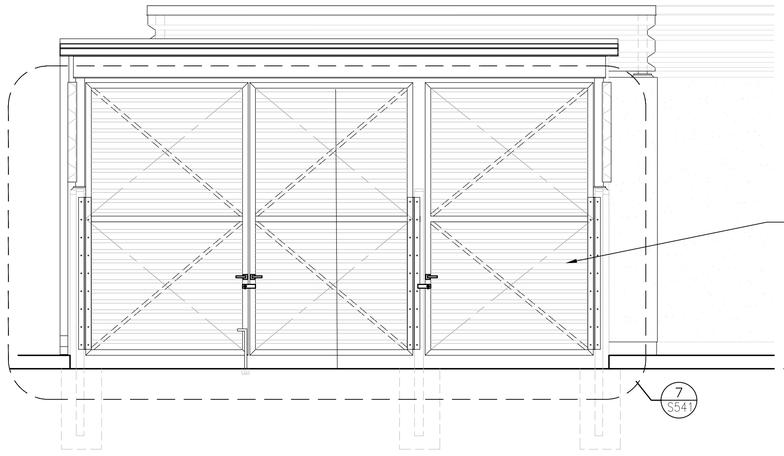
C402



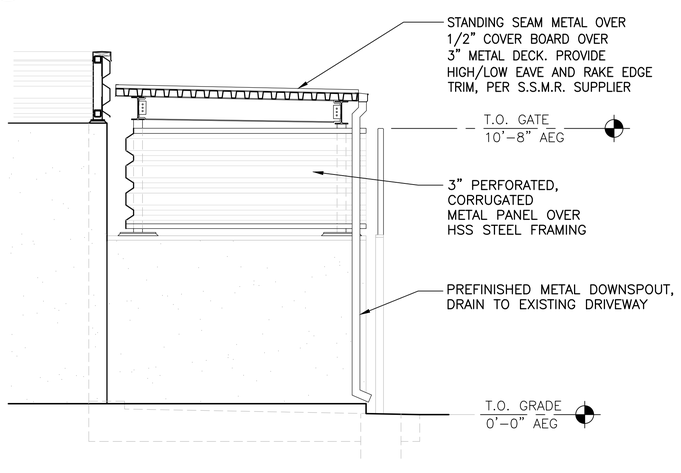
4 SECTION THRU (E) TRASH ENCLOSURE
3/8" = 1'-0"



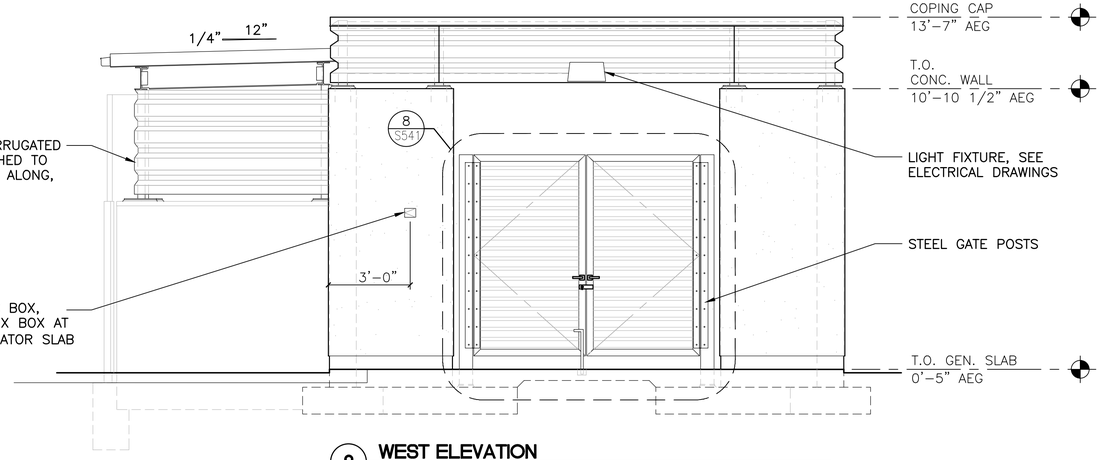
1 SOUTH ELEVATION AT GENERATOR ENCLOSURE
3/8" = 1'-0"



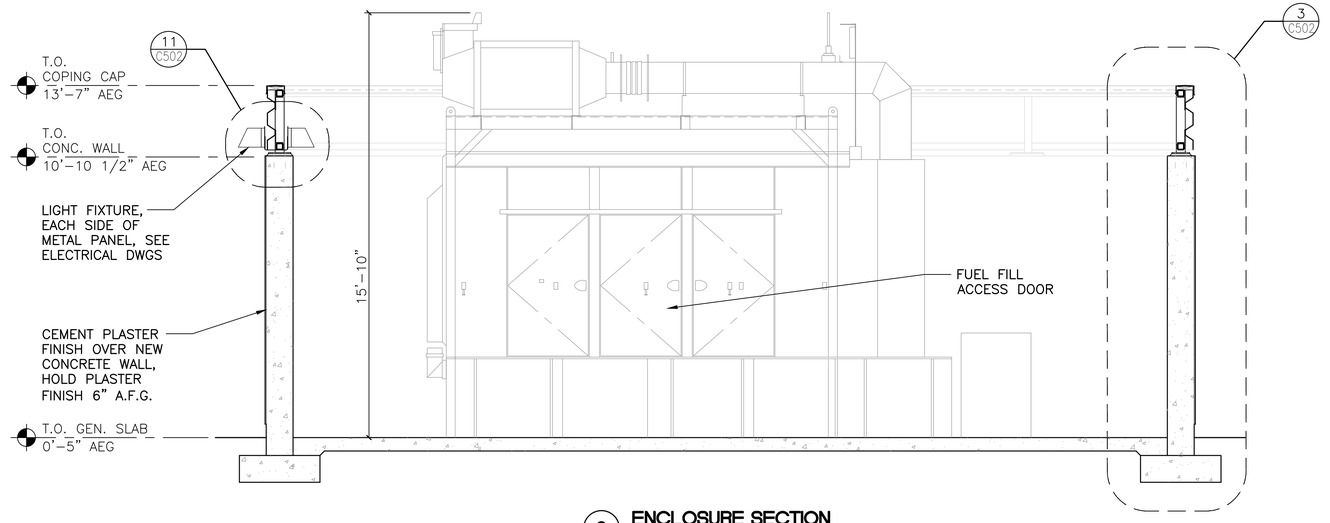
5 ELEVATION AT (E) TRASH ENCLOSURE
3/8" = 1'-0"



6 ELEVATION AT (E) TRASH ENCLOSURE
3/8" = 1'-0"



2 WEST ELEVATION
3/8" = 1'-0'



3 ENCLOSURE SECTION
3/8" = 1'-0'

CITY OF TRACY

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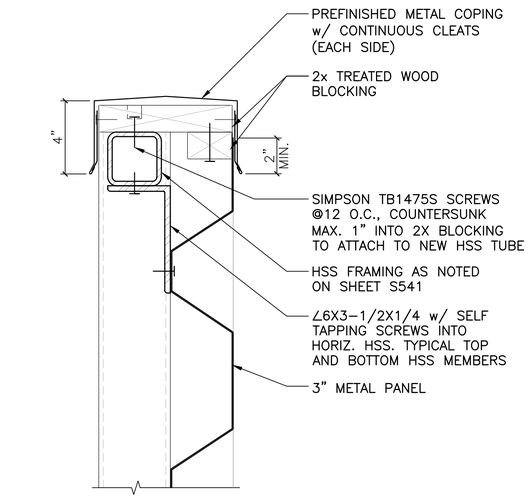
PERMIT #: COM24-0353

ELEVATIONS AND SECTION

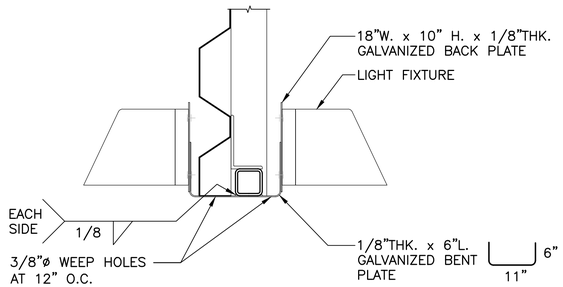
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BACKUP GENERATOR

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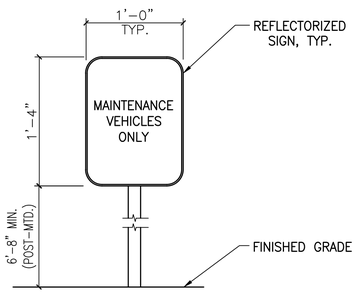
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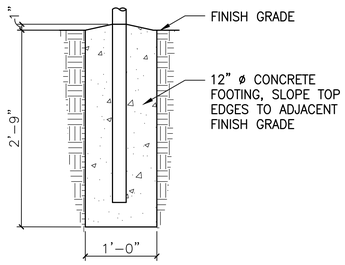
10 TOP OF PANEL/FRAME
3" = 1'-0"



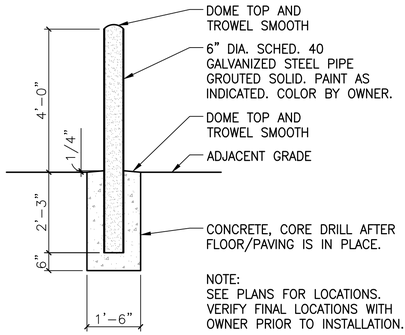
11 LIGHT FIXTURE MOUNTING
1 1/2" = 1'-0"



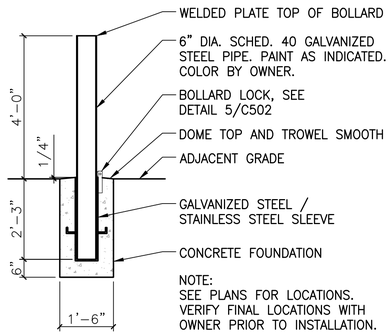
12 PARKING SPACE SIGNAGE
N.T.S.



13 SIGN FOUNDATION
N.T.S.



6 STEEL PIPE BOLLARD
1/2" = 1'-0"



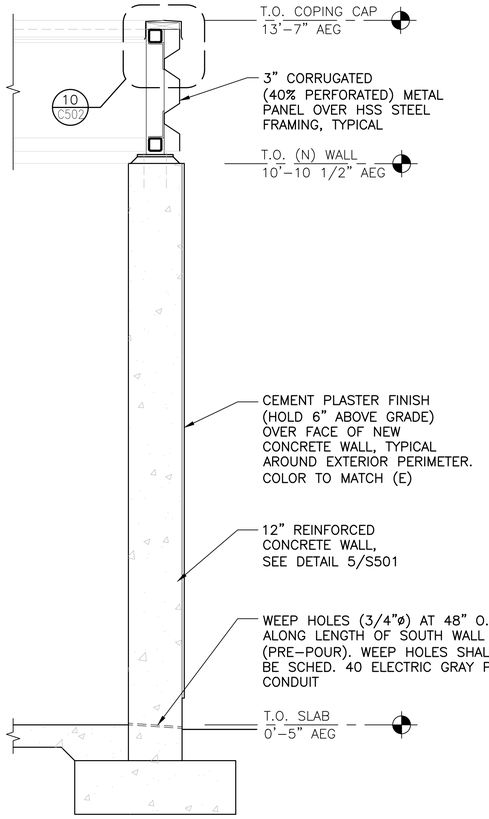
7 REMOVABLE STEEL PIPE BOLLARD
1/2" = 1'-0"



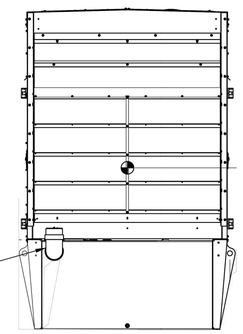
8 NO SMOKING SIGNAGE
NOT TO SCALE



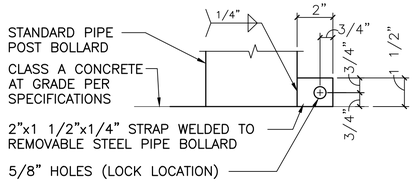
9 NO SMOKING/OPEN FLAME SIGNAGE
NOT TO SCALE



3 WALL SECTION
3/4" = 1'-0"

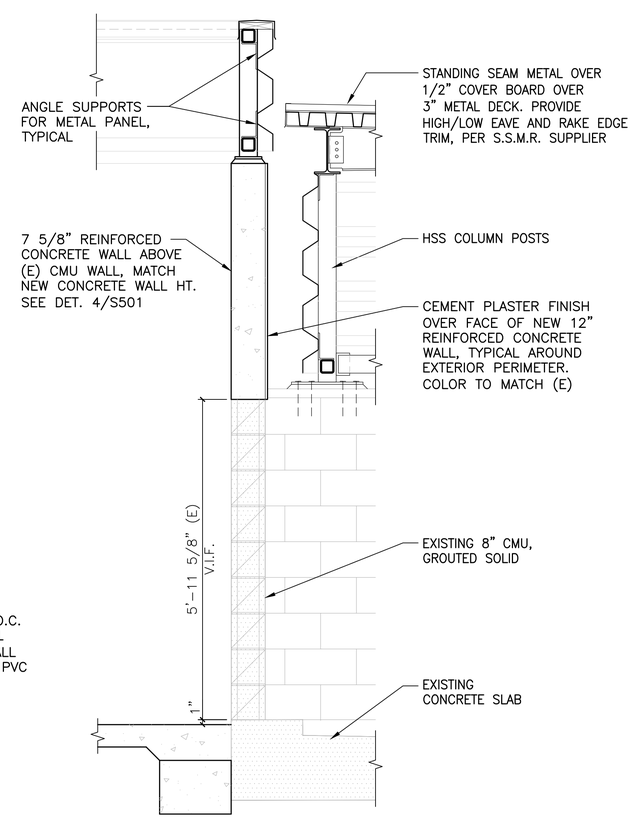


4 GENERATOR VENTING
NO SCALE

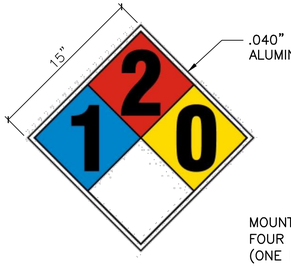


5A BOLLARD STRAP AT LOCK LOCATION

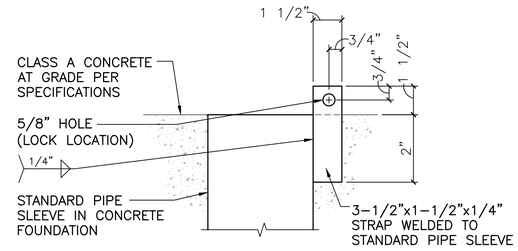
5 REMOVABLE BOLLARD LOCK DETAIL
NOT TO SCALE



1 WALL SECTION AT EXISTING TRASH ENCLOSURE
3/4" = 1'-0"



2 NFP 704 PLACARD SIGNAGE
NOT TO SCALE



5B SLEEVE STRAP AT LOCK LOCATION

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2/28/2027
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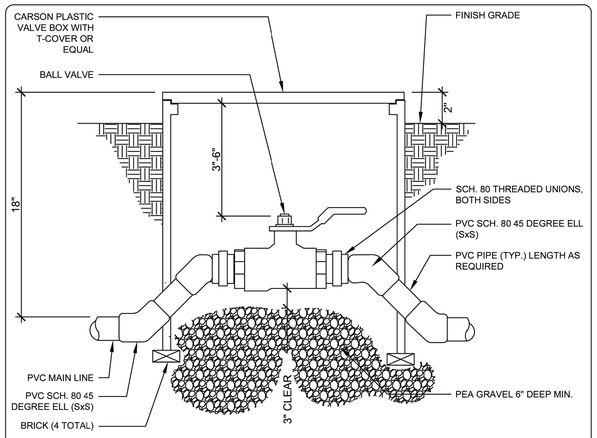
SYMBOL	DATE	REVISIONS DESCRIPTION	APPROVED
2	10-13-25	RWQB COMMENTS-RD 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
DETAILS
TRANSIT STATION EMERGENCY
BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

C502

SHEET 9 OF 20



NOTES

1. INSTALL BALL VALVE BEFORE EACH GROUP OF VALVES TO FACILITATE EASE OF MAINTENANCE TO VALVES.
2. INSTALL ALONG MAIN LINE FOR ISOLATION OF MAIN. USE NIBCO T-FP-0600A-LF VALVE OR APPROVED EQUAL FOR MAINLINES 3" & LARGER
3. BALL VALVE SHALL BE SIZE OF MAINLINE UNLESS NOTED.
4. BALL VALVE SHALL BE BRASS FULL PORT.
5. VALVE BOXES SHALL BE CARSON 1419 MODEL OR APPROVED EQUAL FOR 1 1/2" OR SMALLER AND SHALL HAVE T-COVER LIDS. USE CARSON 1324 MODEL OR APPROVED EQUAL FOR 2" VALVES.
6. ROTATE VALVE SO THAT HANDLE IS 90° OFF MAINLINE
7. FITTINGS SHALL BE SPEARS OR LASCO ONLY.
8. VALVE BOX LID TO FIT WITH VALVE IN OFF POSITION
9. HOT STAMP VALVE ON TOP OF VALVE BOX WITH 2" BLOCK LETTERS-BV
10. PURPLE COVER AND PURPLE BOX SHALL BE USED WITH RECLAIMED WATER SYSTEMS

CITY OF TRACY

TRACY Think Inside the Triangle™	REVIEWED BY: Robert Armijo CITY ENGINEER RCE 63173	DETAIL No. Sheet 1 of 1	D 8.3
	Res No. 2020-031 DATE:February 18, 2020	IRRIGATION Ball Valve	
	Rev: Lyle C. Rev:		
	Rev: Rev:		

GENERAL IRRIGATION GUIDELINES

32. A BOOSTER PUMP WILL BE REQUIRED FOR ALL PARKS BUT MAY NOT BE REQUIRED FOR STREETSCAPES. PLACEMENT SHALL BE WITHIN CITY'S RIGHT OF WAY. BOOSTER PUMP, BACKFLOW, FLOW METER AND CONTROLLER SHALL BE SECURED WITHIN A LOCKED CHAIN LINK OR OTHER ENCLOSURE WHERE AS DIRECTED BY THE CITY ENGINEER. AN EXTERNAL ROUTED BY-PASS SHALL BE INCLUDED WITH ALL INSTALLATIONS.
33. IRRIGATION SYSTEMS MUST BE TESTED BY A THIRD PARTY WATER AUDITOR, FOR THE PLANT ESTABLISHMENT PERIOD AND LONG TERM MAINTENANCE. AUDIT SHALL INCLUDE APPLIED WATER IRRIGATION, IRRIGATION DAYS PER WEEK, CYCLES PER DAY, MINUTES OF RUN TIME PER CYCLE. CONSIDERATION SHOULD BE GIVEN TO THE FLOW RATE, AREA COVERED BY VALVE, AND PRECIPITATION RATE. WATER AUDIT REPORT SHALL BE SUBMITTED TO THE CITY ALONG WITH LANDSCAPING AND IRRIGATION PLANS.
34. PRESSURE LOSS CALCULATIONS SHALL BE PROVIDED UPON FIRST IRRIGATION SUBMITTAL TO THE CITY. SHOW LOSSES BASED ON VALVE WITH POTENTIAL FOR GREATEST LOSS.
35. TO ENSURE THAT SYSTEMS DON'T FAIL UPON BUILD-OUT, WE REQUIRE A MINIMUM 5 PSI DYNAMIC RESIDUAL FOR TYPICAL SYSTEMS AND A MINIMUM 10 PSI DYNAMIC RESIDUAL PRESSURES FOR SYSTEMS WITH BOOSTER PUMPS. IF IRRIGATION CALCULATIONS FALL BELOW THESE PERIMETERS, ANOTHER SERVICE LINE / POINT OF CONNECTION WILL BE REQUIRED AND NO FUTURE TIE-INS WILL BE ALLOWED.
36. ALL WARRANTY REPAIRS ARE TO BE COMPLETED WITHIN 72 HOURS OF NOTIFICATION, OR CITY MAY MAKE REPAIRS AT CONTRACTOR'S EXPENSE.
37. A 4-INCH IRRIGATION SERVICE IS REQUIRED FOR ALL PARK SITES. A 2-INCH SERVICE IS REQUIRE FOR ALL STREETSCAPES WHICH MUST BE A SEPARATE SERVICE THAN THE ADJOINING PRIVATE PROPERTY.
38. WHEN SYSTEM USES RECLAIMED WATER, ADD ALL PERTINENT COMPONENTS, DETAILS AND NOTES.
39. IRRIGATION CONTROLLERS ARE TO BE MOTOROLA BY CENTRAL CONTROL SYSTEMS
    CONTACT: CENTRAL CONTROL SYSTEMS
    PHONE: 530-662-6841
    CCS@CCONTROLSYSTEMS.COM
40. IRRIGATION SHALL COMPLY WITH CALIFORNIA TITLE 23 CHAPTER 2.7 (MWELO) AND AB1881 INCLUDING ALL REQUIRED NOTES AND COMPLIANCE STATEMENT WITH SIGNATURE BLOCK.
41. RECYCLED WATER FOR IRRIGATION SHALL COMPLY WITH CALIFORNIA TITLE 22 CHAPTER 3
42. IDENTIFY AND LOCATE ON PLANS IRRIGATION POINT OF CONNECTION SHOWING SERVICE LINE, METER, BACKFLOW, AND FLOW METER LOCATION AND SIZES.
43. IDENTIFY AND LOCATE ON PLANS SECONDARY POWER SOURCE FOR IRRIGATION CONTROLLER. POWER SOURCE MUST BE A RIGHT-OF-WAY UTILITY.
44. PROVIDE ONE 6" SLEEVE AND TWO 4" SLEEVES FOR ALL CROSSINGS. SLEEVING TO BE SCHEDULE 40 PVC
45. PROVIDE AN ISOLATION VALVE AT EACH SIDE OF MAJOR CROSSINGS. REFER TO DETAILS FOR VALVE TYPE.
46. THE EVAPOTRANSPIRATION (ETO) RATE FOR THE CITY OF TRACY IS 48.5.
47. PROVIDE WRITTEN TECHNICAL SPECIFICATION FOR IRRIGATION.
48. PROVIDE SUBMITTALS AND / OR SAMPLES FOR APPROVAL PRIOR TO CONSTRUCTION.
49. FOR PROJECT WITH SPECIFIC PLANS AND/OR TO BE CONSTRUCTED IN PHASES, AN IRRIGATION MASTERPLAN WILL BE REQUIRED SHOWING POINTS OF CONNECTION (INCLUDING SERVICE LINE, METER, BACKFLOW SIZES), NOTE POTABLE OR RECYCLED, MAIN LINE ROUTING AND PROJECTED PEAK FLOW AND PRESSURE LOSS.

CITY OF TRACY

TRACY Think Inside the Triangle™	REVIEWED BY: Robert Armijo CITY ENGINEER RCE 63173	DETAIL No. Sheet 3 of 5	D 8.0
	Res No. 2020-031 DATE:February 18, 2020	IRRIGATION General Guidelines	
	Rev: Lyle C. Rev:		
	Rev: Rev:		

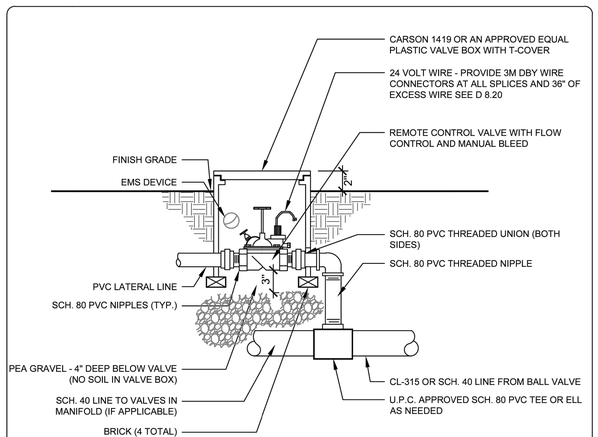
GENERAL IRRIGATION GUIDELINES

1. ALL PLANS ARE TO BE PREPARED AND UNDER THE DIRECTION OF A CALIFORNIA LICENSED LANDSCAPE ARCHITECT OR CERTIFIED IRRIGATION DESIGNER EXCEPT WHERE ALLOWED BY CALIFORNIA LANDSCAPE ARCHITECTS PRACTICE ACT, BUSINESS AND PROFESSION CODE.
2. ALL IRRIGATION SYSTEMS SHALL BE INSTALLED WITH A REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY AT POINT OF CONNECTION. D 8.2-D 8.2.2
3. BALL VALVES SHALL BE INSTALLED OFF MAINLINE BEFORE EACH VALVE TO FACILITATE EASE OF MAINTENANCE OF VALVES, BEFORE MAINLINE CROSSED UNDER STREET, AND ALSO AT LOCATIONS ALONG MAINLINE TO ALLOW SERVICE TO SYSTEM.
3. MAIN LINES (CONSTANT PRESSURE) SHALL BE SCHEDULE 40 SOLVENT WELD WITH SCHEDULE 40 FITTINGS FOR SIZES 2" AND LESS. FOR MAIN LINES 2 1/2" AND LARGER PVC CLASS 315 WITH SCHEDULE 80 SOLVENT WELD FITTINGS - 18" MINIMUM COVER, 36" UNDER PAVING. ALL MAINLINE SHALL HAVE DETECTABLE TAPE ALONG FULL LENGTH OF MAINLINE. ALL SOLVENT WELDING OF PIPE JOINTS PER MAIN INSTRUCTIONS. D 8.9
4. LATERAL LINES SHALL BE SCHEDULE 40 PVC PIPE WITH SOLVENT WELD FITTINGS - 12" MINIMUM COVER, 24" UNDER PAVING. D 8.9
5. THRUST BLOCKS SHALL BE PROVIDED TO RESIST SYSTEM PRESSURE ON RING-TITE PIPE AND FITTINGS, BASED ON AVERAGE SOIL SAFE BEARING LOAD OF 1000# PER SQUARE FOOT. D 8.10
6. QUICK COUPLERS SHALL BE PROVIDED AT INTERVALS OF 100 FEET AT PARKWAYS. AT PARKS, QUICK COUPLERS SHALL BE PLACED AT FUNCTIONAL USE ZONES, SUCH AS BUS STOPS, TRASH RECEPTACLES, PLAYGROUNDS, DRINKING FOUNTAINS, AND AT AREAS OTHERWISE DIRECTED BY THE CITY. PLACE IN VALVE BOX FOR PROTECTION AND EASE OF USE. INSTALL EMS DEVICE IN BOX. D 8.5
7. REMOTE CONTROL VALVES SHALL BE 200 PSI RATED PLASTIC BODY AND BONNET, ONE VALVE PER VALVE BOX. VALVE BOX SHALL BE AT GRADE AND HAVE AN EMS DEVICE PLACED IN THE BOX TO FACILITATE DETECTION MY METAL DETECTOR. D 8.6
9. CITY DOES NOT ALLOWS DRIP SYSTEMS FOR CITY MAINTAINED LANDSCAPES.
10. WIRE SPLICES SHALL BE MADE WITH 3M-DBY CONNECTORS OR APPROVED EQUAL FOR PROJECTS IN PUBLIC WORKS' JURISDICTION, AND DRI-SPLICE CONNECTORS OR EQ. FOR PROJECTS IN THE L.M.D. ALL SPLICES SHALL BE MADE IN VALVE BOX ONLY & SHOWN ON AS-BUILTS. D 8.11
11. THREADED PVC FITTINGS SHALL BE WRAPPED WITH TEFLON TAPE, MINIMUM THREE WRAPS.
12. VALVE WIRE SHALL BE BURIED WITH MAIN LINE - 18" MINIMUM COVER. COMMON WIRE TO BE WHITE, CONTROL WIRES TO EACH VALVE COLOR CODED AS PER GROUPING BY AREA AS DESIGNATED BY CITY. MINIMUM SIZE TO BE 14 GAUGE. INSTALL 1 (ONE) EXTRA WIRE FOR EACH 3 VALVES WITH 2 (TWO) MAXIMUM PER EVERY 10 (TEN) VALVES. EXTRA WIRE SHALL BE A DIFFERENT COLOR FROM VALVE WIRES. D 8.9
13. ALL VALVE WIRES SHALL BE LABELED BY NUMBER WITH PERMANENT MARKING IN THE CONTROLLER. ALL VALVE BOXES SHALL BE HOT STAMPED WITH 2" TALL LETTERS/NUMBERS. MARK BOXES WITH THE CORRESPONDING VALVE NUMBER OR BOX IDENTIFICATION (QC, SV, GV etc.) AND BE PERMANENTLY MARKED.
14. LEAVE A 36" INCH COIL OF EXCESS WIRE AT EACH SPLICE ALONG THE MAINLINE RUN AND AT 100 FEET ON CENTER ALONG ANY WIRE RUN.
15. ALL POP-UP HEADS SHALL HAVE A CHECK VALVE TO PREVENT LOW HEAD DRAINAGE AND INTEGRAL PRESSURE REGULATING DEVICE.

CITY OF TRACY

TRACY Think Inside the Triangle™	REVIEWED BY: Robert Armijo CITY ENGINEER RCE 63173	DETAIL No. Sheet 1 of 5	D 8.0
	Res No. 2020-031 DATE:February 18, 2020	IRRIGATION General Guidelines	
	Rev: Lyle C. Rev:		
	Rev: Rev:		

PARKS AND STREETSCAPE STANDARD PLANS

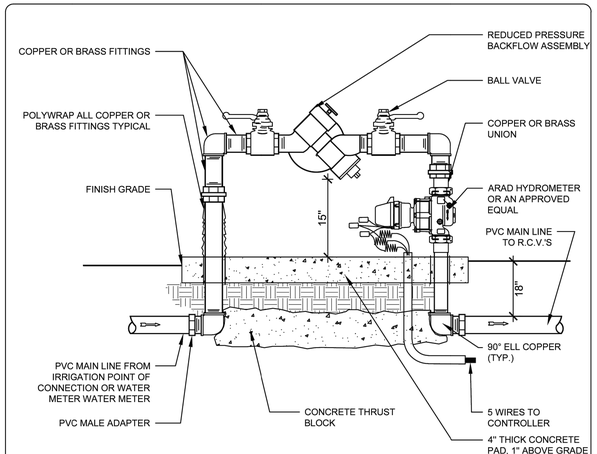


NOTES

1. INSTALL AN EMS DEVICE IN THE BOX TO FACILITATE DETECTION BY A METAL DETECTOR. ATTACH CHRISTY ID MARKER OR EQUAL TO VALVE IN BOX.
2. ONLY ONE (1) REMOTE CONTROL VALVE PER BOX - NO EXCEPTIONS.
3. MAINTAIN MIN. 1/2" CLEARANCE BETWEEN VALVE BOX AND PVC LINES.
4. PROVIDE WIRE SPLICE CONNECTIONS AT ALL SPLICES PER D 8.11.
5. THREADED UNIONS TO BE SPEARS, LASCO, OR APPROVED EQUAL ONLY.
6. CONTROL WIRE SHALL BE SIZED A MINIMUM OF #14 U.L. APPROVED.
7. VALVE BOXES FOR 1 1/2" SMALLER SHALL BE CARSON 1419 MODEL WITH T-COVER LIDS OR AN APPROVED EQUAL . FOR 2" VALVES, USE CARSON 1324 MODEL WITH T-COVER LID OR AN APPROVED EQUAL
8. HOT STAMP VALVE ON TOP OF VALVE BOX WITH 2" BLOCK LETTERS WITH VALVE NUMBER.
9. PURPLE COVER SHALL BE USED WITH RECLAIMED SYSTEMS.

CITY OF TRACY

TRACY Think Inside the Triangle™	REVIEWED BY: Robert Armijo CITY ENGINEER RCE 63173	DETAIL No. Sheet 1 of 1	D 8.5
	Res No. 2020-031 DATE:February 18, 2020	IRRIGATION Remote Control Valve	
	Rev: Lyle C. Rev:		
	Rev: Rev:		



NOTES

1. INSTALL REDUCED PRESSURE BACKFLOW PREVENTER DEVICE PER STANDARD PLAN 415.
2. BACKFLOW PREVENTER ENCLOSURE PER DETAIL D 8.2.1.
3. BACKFLOW PREVENTION DEVICE TO BE TESTED BY A CERTIFIED BACKFLOW
4. INSTALL WEATHERMATIC WEATHER BLANKET, OR AN APPROVED EQUAL, OVER BACKFLOW, SIZED TO FIT.
5. RUN 5 WIRES BACK TO CONTROLLER (1 EXTRA, 2 WHITE, 1 PURPLE, 1 YELLOW), BUNDLE, LABEL & TAPE TOGETHER.
6. CONNECT PER MANUFACTURERS INSTRUCTIONS.
7. MINIMUM FLOW THROUGH THE FLOW METER IS 6.6 GPM.

CITY OF TRACY

TRACY Think Inside the Triangle™	REVIEWED BY: Robert Armijo CITY ENGINEER RCE 63173	DETAIL No. Sheet 1 of 1	D 8.2
	Res No. 2020-031 DATE:February 18, 2020	IRRIGATION Reduced Pressure Backflow With Hydrometer	
	Rev: Lyle C. Rev:		
	Rev: Rev:		

GENERAL IRRIGATION GUIDELINES

16. ALL SHRUB SPRAYS AND SHRUB ROTORS WITHOUT INTERNAL CHECK VALVES SHALL HAVE A CHECK VALVE INSTALLED ON THE RISER IN PLACE OF THE SCHEDULE 80 COUPLING AND INTEGRAL PRESSURE REGULATING DEVICE IF AVAILABLE.
17. NOZZLES SHALL BE MATCHED PRECIPITATION RATE NOZZLES.
18. OVERHEAD IRRIGATION SHALL NOT BE PLACED WITHIN 24" OF ANY NON PERMEABLE SURFACE UNLESS THE ADJACENT NON PERMEABLE SURFACE DRAINS TO A LANDSCAPE AREA EFFORTS TO CONTROL OVER SPRAY SHALL BE MADE TO REDUCE SPRAY FROM HITTING TRUNKS OF TREES.
19. NO OVERHEAD IRRIGATION SHALL BE INSTALLED IN AREAS LESS THAN TEN (10) FEET IN ANY DIRECTION.
20. SOILS SHOULD BE INVESTIGATED AT EACH SITE FOR WATER RETENTION CAPABILITIES. SOILS REPORTS SUGGEST INFILTRATION RATES RANGE FROM .2 TO .6 INCHES/HOUR.
21. IRRIGATION SYSTEMS SHALL BE DESIGNED SO THAT THE APPLICATION RATE OF WATER DOES NOT EXCEED THE INFILTRATION RATE OF THE SOIL (SEE SOILS REPORT) AND WILL NOT ALLOW EXCESSIVE OVERSPRAY AND RUNOFF. IN GENERAL, LOW VOLUME SPRINKLER HEADS, AND PRESSURE COMPENSATION BUBBLERS SHALL BE USED THROUGHOUT THE SYSTEM.
22. CONTROLLERS SHALL HAVE MULTIPLE PROGRAMS AND WATER BUDGETING AVAILABLE. INSTALL CONTROLLERS INTO A VANDAL RESISTANT CONTROLLER ENCLOSURE. THE CITY WILL UTILIZE A MOTOROLA CENTRAL IRRIGATION CONTROL SYSTEM, AND SATELLITE FIELD CONTROLLERS, OR AN APPROVED EQUAL. D 8.1. CONTROLLER SHALL BE PROGRAMMED TO OPERATE BETWEEN THE HOURS OF 10:00 PM AND 7:00 AM. RESTRICTED WATERING TIMES MAY BE ESTABLISHED BASED UPON SITE CONDITIONS AS DETERMINED BY THE CITY. CONTROLLERS OPERATION STICKER SHALL BE APPLIED TO ALL CONTROLLERS PER CITY OF TRACY REQUIREMENTS.
23. ALL CONTROLLERS ARE TO BE METERED AND WITHIN AN PG&E APPROVED METERED CONTROLLER CABINET.
24. SPRINKLERS AT TOPS OF SLOPES SHALL BE VALVED SEPARATELY FROM SPRINKLERS AT BOTTOM OF SLOPES. PRECIPITATION RATES OF HEADS SHALL BE CONSIDERED.
25. FOR INSTALLATION, USE STRAP WRENCHES ONLY ON ALL EQUIPMENT WITH UNIONS, EXCEPT ON BACKFLOWS. NO PIPE WRENCHES SHALL BE USED.
26. MAIN LINE IRRIGATION NEEDS TO BE CENTER LOADED WITH VALVES INSTALLED AND FITTINGS COMPLETELY VISIBLE. A WATER PRESSURE OF 125 PSI SHALL BE APPLIED AND HELD FOR 2.5 HOURS. ALL LEAKS SHALL BE REPAIRED AND ALL LINES APPROVED BY THE CITY BEFORE ANY OF THE SYSTEM IS BACKFILLED.
27. CONTRACTOR SHALL KEEP AN AS-BUILT FIELD COPY OF IRRIGATION SYSTEM SHOWING ALL CHANGES. MAIN LINE SHALL NOT BE BACKFILLED UNTIL AS-BUILT DRAWINGS ARE APPROVED BY CITY ENGINEER. MARKED UP AS-BUILTS SHALL BE TURNED OVER TO CITY BEFORE MAINTENANCE BEGINS. LANDSCAPE ARCHITECT OF RECORD SHALL PREPARE RECORD DRAWINGS IN AUTOCAD FORMAT, AND PRINT AND SUBMIT NEW MYLARS.
28. IF EXPANDING EXISTING PARKWAY OR FACILITY, CONTRACTOR WILL UPDATE EXISTING CONTROLLER CHARTS, REFLECTING MODIFICATIONS TO THE EXISTING PROJECT AND PROVIDING A NEW CHART. UPON INSTALLATION OF A NEW PICCOLO UNIT, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPROGRAMMING OF THE EXISTING OR NEW IRRINET FROM WHICH THE SCORPIO WILL COMMUNICATE.
29. FOR EACH IRRINET INSTALLED, PROVIDE CITY WITH TWO SETS OF LAMINATED REDUCED (11"x17") AS-BUILT IRRIGATION CHARTS. 10 ML. THICKNESS OF LAMINATION, SHOWING ZONES AND CORRESPONDING CORRESPONDING CONTROLLER STATIONS. FOR EACH SCORPIO CONTROLLER, PROVIDE THREE CHARTS.
30. ALL WATERING SHALL TAKE PLACE WITHIN THE CITY'S REQUIRED WATER WINDOW, OF 10PM TO 7AM. PROVIDE AN AUDIT TO SHOW WATERING SCHEDULE AND HOW IT MEETS REQUIREMENTS.
31. IRRIGATION SYSTEMS MUST BE COMPLETE AND FULLY OPERATIONAL BEFORE ANY PLANTING BEGINS.

CITY OF TRACY

TRACY Think Inside the Triangle™	REVIEWED BY: Robert Armijo CITY ENGINEER RCE 63173	DETAIL No. Sheet 2 of 5	D 8.0
	Res No. 2020-031 DATE:February 18, 2020	IRRIGATION General Guidelines	
	Rev: Lyle C. Rev:		
	Rev: Rev:		

CITY OF TRACY

Think Inside the Triangle™

LICENSED ARCHITECT PAUL W. POWERS C-29713 2/28/2027 RENEWAL DATE STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
1	10-12-25	RIVER COMMENTS - REV 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

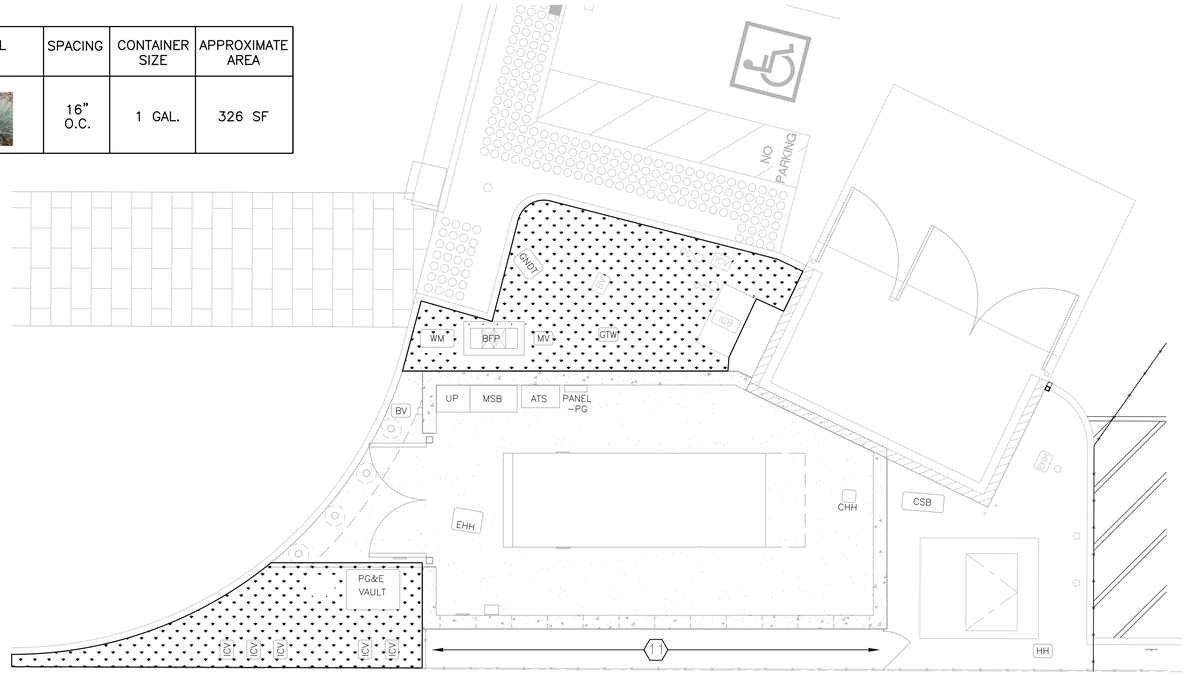
PERMIT #: COM24-0353
CITY STANDARD DETAILS
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

C503

SHEET 10 OF 20

HATCH / SYMBOL	ABBREV/ USE	BOTANICAL NAME	COMMON NAME	TYPICAL IMAGE	SPACING	CONTAINER SIZE	APPROXIMATE AREA
	GC (GROUND COVER)	FESTUCA GLAUCA 'ELIJAHS BLUE'	COMMON BLUE FESCUE		16" O.C.	1 GAL.	326 SF

NOTE:
PROVIDE TANBARK BETWEEN APP PLANTS

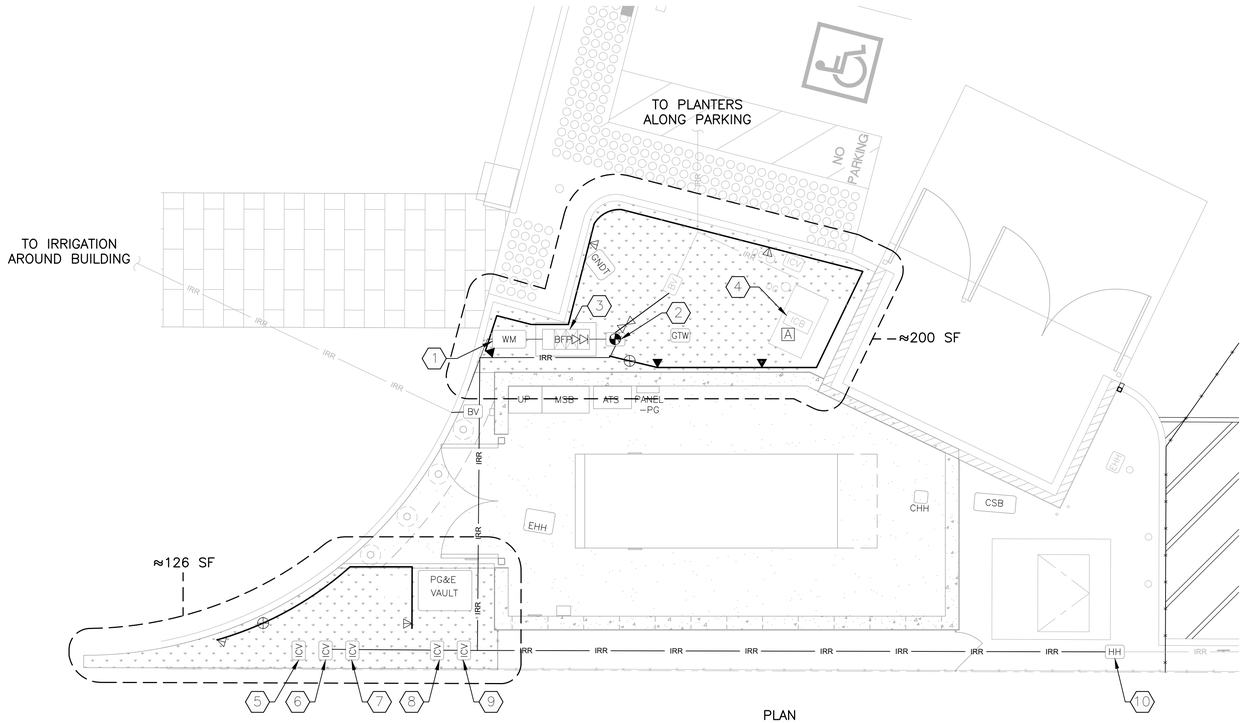


PLAN NORTH

1 ENLARGED NEW LANDSCAPE PLAN

3/16" = 1'-0"

0 4' 8' 12'



PLAN NORTH

2 ENLARGED NEW IRRIGATION PLAN

3/16" = 1'-0"

0 4' 8' 12'

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. SEE SITE UTILITY PLAN C402 FOR UNDERGROUND DEMOLITION.
3. REMOVE ALL EXISTING VEGETATION WITHIN CONSTRUCTION AREA SHOWN ON C401.
4. ALL ROCK AND DEBRIS 1–1/2" AND LARGER SHALL BE REMOVED FROM THE TOP 6" OF PLANTING AREAS SCARIFIED SOIL AND THEN FROM THE SITE.
5. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
6. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
7. PROTECT AND REUSE EXISTING IRRIGATION SYSTEM TO REMAIN. RECONNECT EXISTING MAINLINE PIPE FOR PARKING AREA TO THE NEW BACKFLOW PREVENTOR.
8. ALL PIPES, FITTINGS, AND SPRAYS TO MATCH EXISTING.
9. SEE SITE UTILITY PLAN C402 FOR NEW CONCEPTUAL IRRIGATION WATER LINE.
10. IRRIGATION SYSTEM MUST REMAIN FUNCTIONAL THROUGHOUT THE PROJECT. IF MAINLINE MUST BE RECONFIGURED, TEMPORARY JUMPERS ARE REQUIRED. COORDINATE WITH PUBLIC WORKS.

IRRIGATION KEYED NOTES:

1. NEW WATER METER/HANDHOLE, CONNECT TO EXISTING UNDERGROUND WATER PIPE, SEE SHEET C402
2. NEW IRRIGATION (MAIN VALVE) HANDHOLE, CONNECT AS REQUIRED TO NEW IRRIGATION PIPING
3. RELOCATED BACKFLOW PREVENTER AND (N) CONCRETE SLAB
4. RECONNECT (E) CONTROLLER ASSEMBLY TO REVISED IRRIGATION SYSTEM, COORDINATE AS REQUIRED TO COMPLETE (E) IRRIGATION SYSTEM
5. SPARE ICV
6. ICV: A11–WEST STOP SIGN
7. ICV: A25–TREES EAST
8. ICV: A9–TO CHARGING STATION
9. ICV: A10–POP UPS AROUND GENERATOR
10. RECONNECT NEW IRRIGATION LINE TO (E) IRRIGATION MAIN ALONG FENCE
11. PROVIDE TAN BARK WITHIN FENCED IN AREA

IRRIGATION LEGEND:

- MAINLINE PIPE AND FITTING – 1120–SCHEDULE 40 PVC SOLVENT WELD, 18" COVER
- LATERAL LINE AND FITTING – 1120–SCHEDULE 40 PVC SOLVENT WELD, 12" COVER
- IRRIGATION ZONE (AREA OF ZONE)
- POINT OF CONNECTION
- IRRIGATION CONTROL ASSEMBLY
- REDUCED PRESSURE BACKFLOW PREVENTOR
- NIBCO THREADED FULL PORT BALL VALVE (LINE SIZE)
- REMOTELY CONTROL VALVE
- RAIN BIRD POP–UP SHRUB SPRAY, 1812–SAM–PRS–12
- RAIN BIRD POP–UP SHRUB SPAY, 1812–SAM–PRS–5

CITY OF TRACY

Think Inside the Triangle

LICENSED ARCHITECT
PAUL W. POWERS
C-29713
2/28/2027
RENEWAL DATE
STATE OF CALIFORNIA

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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
ENLARGED LANDSCAPE AND IRRIGATION PLANS
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

L101

SHEET 11 OF 20

GENERAL NOTES

A. DESIGN DATA

1. ALL WORK SHALL CONFORM TO MOST STRINGENT REQUIREMENTS OF:
   A. ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS AS WELL AS ALL REQUIREMENTS OF CONTRACT DOCUMENT.
   B. TO THE REQUIREMENTS OF THE CITY OF TRACY.
   C. CALIFORNIA BUILDING CODE, 2022 EDITION. TITLE 24, PART 2, ALL REFERENCES TO "TITLE 24" REFER TO THIS EDITION.

2. WIND LOADS:

BASIC WIND SPEED	93 MPH
IMPORTANCE FACTOR	1.00
EXPOSURE CATEGORY	B

3. SEISMIC LOADS: GENERATOR EQUIPMENT

S_s = 1.138
S_1 = 0.398
F_a = 1.2
F_v = N/A
A_p = 1
R_p = 2.5
Ip = 1.0
z/h = 0 (ANCHORED AT BASE)

$$Fp = \frac{0.4 * Ap * Sds * Wp * (1+2* z/h)}{(Rp / Ip)}$$

Fp = 0.15*Wp
Fpmin = 0.3 * Sds * Ip * Wp = 0.27 * Wp
Fp = 0.24 * Wp

B. STRUCTURAL STEEL, U.N.O.

1. ALL STEEL SHOWN ON STRUCTURAL DRAWINGS TO BE ASTM A992 FOR COLUMNS, BEAMS AND GIRDERS WITH Fy=50 KSI UNLESS OTHERWISE NOTED.
2. CONNECTING PLATES, BASE PLATES, STIFFENERS, DOUBLER PLATES, CONTINUITY PLATES, SHEAR TABS, ETC., TO BE SAME GRADE AS HIGHEST GRADE MEMBER AT CONNECTION, EXCEPT WHERE NOTED OTHERWISE.
3. ALL TUBES TO BE ASTM A500 GRADE B Fy=46 KSI, EXCEPT WHERE NOTED OTHERWISE.
4. ALL PIPES TO BE ASTM A53 GRADE B Fy=35 KSI, EXCEPT WHERE NOTED OTHERWISE.
5. ALL ANCHOR BOLTS TO BE ASTM F1554 GRADE 36 EMBEDDED AS SHOWN ON DRAWINGS, EXCEPT ANCHOR BOLTS AT COLUMNS WITH DIAGONAL BRACES TO BE A354 GRADE BD WITH MINIMUM TENSILE STRESS Fu=150 KSI.
6. ALL STEEL FABRICATION AND DETAILS TO COMPLY WITH MOST STRINGENT OF AISC CODE, THE AWS CODE, THE REFERENCED CODES AND STANDARDS, AND CONTRACT DOCUMENTS.
7. UNLESS OTHERWISE NOTED, ALL BOLTS TO BE ASTM A325X BEARING TYPE BOLTS WITH THREADS EXCLUDED FROM THE SHEAR PLANE. SIZES AS PER DRAWINGS. BOLT HOLES TO BE 1/16 INCH LARGER THAN BOLT DIAMETER UNLESS OTHERWISE NOTED. ALL BOLTS SHALL BE TIGHTENED AS PER MINIMUM TENSIONS NOTED ON THIS SHEET.
8. MINIMUM PLATE THICKNESS IS 3/8 INCH UNLESS OTHERWISE NOTED. MINIMUM WELD IS 5/16 INCH UNLESS OTHERWISE NOTED.
9. ALL WELDS SHALL BE E70XX UNLESS NOTED OTHERWISE.
10. ALL PENETRATION WELDS TO HAVE COMPLETE ULTRASONIC INSPECTIONS IN THE SHOP AND AFTER COMPLETION OF ASSEMBLY IN THE FIELD. ALL COMPLETE JOINT PENETRATION WELDS (CJP) SHALL HAVE ANY BACK-UP BARS REMOVED. WELDS TO BE BACK GOUGED AND MINIMUM 1/4" FILLET ADDED, UNLESS OTHERWISE NOTED.
11. INSPECTIONS AND ACCEPTANCE OF ALL WELDS, INCLUDING ALL PENETRATION WELDS, IS PER THE MOST STRINGENT OF THE CODE, AWS REQUIREMENTS, AND CONTRACT DOCUMENTS.
12. MATERIALS TO BE WELDED WITH COMPLETE JOINT PENETRATION WELDS SHALL BE FREE OF DELAMINATION AT WELD LOCATIONS AND FOR 6 INCHES ON EITHER SIDE OF THE WELD AND SHALL BE ULTRASONICALLY INSPECTED BEFORE WELDING AND AFTER WELDING AND COMPLETION OF ASSEMBLY.
13. FILLER METALS FOR ALL COMPLETE PENETRATION GROOVE WELDS SHALL HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT -20°F AS DETERMINED BY AWS CLASSIFICATION.
14. ALL WELDING TO BE BY CERTIFIED WELDERS AND SHALL CONFORM TO ALL CODE AND AWS REQUIREMENTS.
15. ALL FIELD WELDING TO BE CONTINUOUSLY INSPECTED BY A SPECIAL INSPECTOR APPROVED BY THE BUILDING OFFICIAL.
16. PARTIAL PENETRATION GROOVE WELDS WHEN USED IN COLUMN SPLICES SHALL BE TESTED EITHER BY ULTRASONIC TESTING OR RADIOGRAPHY.
17. ALL STEEL WITH YIELD STRENGTHS OF 36000 PSI OR GREATER SHALL BE IDENTIFIED BY THE MILL AND FABRICATOR IN ACCORDANCE WITH THE DESIGN CODE.

STRUCTURAL STEEL, U.N.O. (CONTINUED)

12. "ALL THREAD" MATERIAL SHALL NOT BE SUBSTITUTED FOR BOLTS IN STEEL, CONCRETE, TIMBER, MASONRY, OR ANY OTHER STRUCTURAL APPLICATION, UNLESS NOTED OTHERWISE.
13. ALL INSPECTIONS AND TESTS BY AN INDEPENDENT TESTING AND INSPECTION AGENCY.
14. ALL STRUCTURAL STEEL, BOLTS, CONNECTING HARDWARE, AND WELDS SHALL BE PRIMED AND PAINTED OR GALVANIZED EXCEPT WHERE SPRAY ON FIRE PROOFING OR OTHER FINISHES COMPLETELY ENCASE AND PROTECT STEEL FROM ELEMENTS.

C. STRUCTURAL OBSERVATIONS

1. VISUAL OBSERVATIONS WILL BE PERFORMED AT THE DISCRETION OF THE OWNER, ARCHITECT, EOR, AND AS REQUIRED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE BUILDING CODE. VISUAL OBSERVATIONS SHALL NOT BE CONSIDERED AS A SUBSTITUTE FOR THE SPECIAL INSPECTION REQUIREMENTS.
2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY THE EOR AS TO WHEN EACH MAJOR PHASE OF CONSTRUCTION IS READY FOR OBSERVATION A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE.
3. THE FOLLOWING MAJOR PHASES OF CONSTRUCTION REQUIRE A SITE VISIT AND STRUCTURAL OBSERVATION REPORT FROM THE SEOR:
   -FOUNDATION REBAR AND ANCHORS – PRIOR TO FIRST POUR OF CONCRETE
   -STRUCTURAL FRAMING – AFTER ERECTION AND PRIOR TO CLOSING IN
   -COMPLETION OF THE STRUCTURAL SYSTEM
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NAILING, REINFORCEMENT, WELDS, CONNECTIONS, ETC. ARE VISIBLE FOR OBSERVATION WHEN THE SEOR IS ON SITE AND FOR ANY SCHEDULING DELAYS DUE TO NONCOMPLIANT ITEMS FOUND DURING HT OBSERVATION.
5. AT THE CONCLUSION OF THE WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFY ANY REPORTED DEFICIENCIES THAT, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE, HAVE NOT BEEN RESOLVED.

D. SPECIAL INSPECTIONS

THE OWNER SHALL EMPLOY THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN TO PERFORM STRUCTURAL OBSERVATION PER CBC SECTION 1702 & 1710.

1. THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
2. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVED FABRICATORS MUST SUBMIT A CERTIFICATE OF COMPLIANCE FOR OFFSITE FABRICATIONS SUCH AS STRUCTURAL STEEL, PRECAST CONCRETE, GLUED LAMINATED TIMBER, ETC.
3. ALL INSPECTIONS SHALL BE PERFORMED BY INDEPENDENT SPECIAL INSPECTORS. JOB SITE VISITS BY THE STRUCTURAL ENGINEER OR BUILDING OFFICIAL DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR INSPECTIONS BY A SPECIAL INSPECTOR.
4. ALL INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND EOR. THE FINAL REPORTS BY THE SPECIAL INSPECTOR(S) MUST CERTIFY THAT THE ENTIRE STRUCTURAL SYSTEM COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS.
5. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT THESE INSPECTIONS ARE PERFORMED.
6. WORK REQUIRING SPECIAL INSPECTION SHALL BE INSPECTED BY THE SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS PERFORMED AND AT THE COMPLETION OR WORK. CONTINUOUS (CONT.) INSPECTION CONSISTS OF A FULL-TIME INSPECTION; PERIODIC INSPECTION CONSISTS OF PART-TIME OR INTERMITTENT INSPECTION.
7. THE FOLLOWING SPECIAL INSPECTIONS ARE IN ADDITION TO INSPECTIONS BY THE BUILDING OFFICIAL. THIS SECTION IS NOT INTENDED TO BE ALL INCLUSIVE.
8. A SPECIAL INSPECTOR MEETING THE QUALIFICATION REQUIREMENTS DESCRIBED IN CHAPTER 17 OF TITLE 24 SHALL BE RETAINED FOR THIS PROJECT BY THE OWNER. THE FOLLOWING SPECIAL INSPECTIONS SHALL BE PROVIDED AS A MINIMUM:

STRUCTURAL WELDING –	VISUAL INSPECTION OF FILLET WELDS (UT INSPECTION OF PENETRATIONS WELDS)
STRUCTURAL BOLTING	
ANCHOR BOLTS	
HEADED STUDS AND ANCHORS	
CEMENT TREATMENT OF FILLS	(SEE SPECIFICATIONS
DECK ATTACHMENT	

9. STRUCTURAL OBSERVATION
   THE OWNER SHALL EMPLOY THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN TO PERFORM STRUCTURAL OBSERVATION PER CBC SECTION 1702 & 1710.

E. DEFERRED APPROVALS

WHERE DEFERRED APPROVAL ITEMS ARE DESIGN-BUILD (OR BIDDER-DESIGNED), THE CONTRACTOR SHALL SUBMIT DRAWINGS AND CALCULATIONS STAMPED AND SIGNED BY A CIVIL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. SUBMITTAL DOCUMENTS FOR THE FOLLOWING DEFERRED APPROVAL ITEMS SHALL BE REVIEWED BY THE ARCHITECT OR ENGINEER OF RECORD AND THEN SUBSEQUENTLY REVIEWED AND APPROVED BY THE BUILDING OFFICIAL PRIOR TO INSTALLATION.

F. BOLT TIGHTENING

ALL FRAMING BOLTS SHALL BE A325X BEARING TYPE WITH THREADS EXCLUDED FROM THE SHEAR PLANE. ALL BOLTS SHALL BE TIGHTENED TO SPECIFIED MINIMUM TENSILE STRENGTHS TABULATED BELOW. AVOID EXCESSIVE AND/OR UNCONTROLLED TIGHTENING.

1. THE REQUIRED MINIMUM TENSION FOR ALL A325 BOLTS IS:

MINIMUM TIGHTENING TENSION, KIPS	
DIA., IN.	A325
1/2	12
5/8	19
3/4	28
7/8	39
1	51
1 1/4	71
1 1/2	103

2. ALL BOLTS TO BE FURNISHED WITH LOAD INDICATING WASHERS OR TIGHTENED BY A CALIBRATED WRENCH WITH MEANS OF A POWERED WRENCH WITH AUTOMATIC CUTOFF AND CALIBRATION ON THE JOB. CONTROL AND TEST TO BE ACCOMPLISHED WITH A HYDRAULIC DEVICE EQUIPPED WITH A GAGE THAT REGISTERS THE TENSILE STRESS DEVELOPED AND WITNESSED BY PROJECT INSPECTOR.

G. CONCRETE, U.N.O.

1. ALL CONCRETE SHALL BE REINFORCED WITH REINFORCING BARS IN TWO DIRECTIONS, EXCEPT WHERE SPECIFICALLY NOTED "UNREINFORCED" ON THE STRUCTURAL DRAWINGS. MINIMUM REINFORCING SHALL BE #4 @ 12 INCHES EACH WAY; OR AN AREA OF UNIFORMLY DISPERSED REBAR EQUAL TO 0.0020 TIMES THE GROSS CONCRETE SECTION; WHICHEVER IS GREATER EXCEPT WHERE SHOWN OTHERWISE.
2. ALL CONCRETE MIXES SHALL BE DESIGNED BY AN INDEPENDENT TESTING LABORATORY. TEST CYLINDERS SHALL BE PREPARED AND TESTED AT 7 DAYS, 14 DAYS, & 28 DAYS, PRIOR TO SUBMITTALS OF DESIGN MIXES. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. ALL CONCRETE SHALL BE AS PER SPECIFICATIONS. WHERE NO SPECIFIC STRENGTH IS CALLED OUT, USE NORMAL WEIGHT CONCRETE WITH 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI, UNLESS NOTED OTHERWISE.
4. CONCRETE REINFORCING COVER AS FOLLOWS:

FOR BELOW GRADE SHOTCRETE:
EXTERIOR COVER MIN. 3 INCHES – MAX. 3-1/2 INCHES
INTERIOR COVER MIN. 3 INCHES – MAX. 3-1/2 INCHES

FOOTINGS AND SLABS CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3 INCHES
CONCRETE EXPOSED TO EARTH OR WEATHER	2 INCHES FOR #6 AND LARGER 1-1/2 INCHES FOR #5 AND SMALLER
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
WALLS AND SLABS, #11 OR SMALLER	3/4 INCHES
BEAM STIRRUPS	1-1/2 INCHES
COLUMN TIES	1-1/2 INCHES
PRECAST CONCRETE WALLS – EXTERIOR FACES	3/4 INCHES
PRECAST CONCRETE WALLS – INTERIOR FACES	5/8 INCHES

5. LIMIT POURS OF SLABS ON GRADE TO 900 SQ. FT. AND SUPPORTED SLABS TO 5000 SQ. FT. AREAS AND POUR IN ALTERNATE STRIPS FOR ALL SLABS OR SAWCUT AT 10'-0"x10'-0" PATTERN WITHIN 48 HOURS OF POUR UNLESS NOTED OTHERWISE. JOINTS AND SAWCUTS MAY BE OMITTED IN SLABS COVERED WITH TOPPING SLABS. LIMIT WALL POURS TO 20 LINEAR FEET FOR ANY WALL. SEE TYPICAL DETAILS FOR JOINT AND SPLICE LENGTH. MAXIMUM DISTANCE BETWEEN CONSTRUCTION JOINTS 20 FEET.
6. ROUGHEN SURFACES AT ALL JOINTS. PROVIDE SHEAR KEYS AND PREPARE JOINTS AS PER DRAWINGS AND SPECIFICATIONS.

G. CONCRETE U.O.N. (CONTINUED)

7. ALL CONCRETE DIMENSIONS SHOWN ARE MINIMUM DIMENSIONS. CONTRACTOR TO REVIEW FORMING, REINFORCING DETAILS, AND EMBEDDED ITEMS PLACEMENT REQUIREMENTS AND DETERMINE PRIOR TO FABRICATION OF ANY REINFORCING REQUIREMENTS AND CLEARANCES FOR PROPERLY PLACING AND CONSOLIDATING CONCRETE. CONTRACTOR MAY SUBMIT FOR ARCHITECT'S REVIEW LARGER DIMENSIONS FOR PARTICULAR CONDITIONS TO FACILITATE CONTRACTOR'S WORK AT NO ADDITIONAL COST TO OWNER.
8. ALL SLABS, UNLESS OTHERWISE NOTED, TO BE POURED AND FINISHED LEVEL WITHIN THE TOLERANCES INDICATED IN THE PROJECT SPECIFICATIONS. CONTRACTOR TO PROVIDE ADDITIONAL CONCRETE AS REQUIRED TO COMPENSATE FOR FORMWORK/METAL DECK DEFLECTION FROM THE WET WEIGHT OF CONCRETE. WHERE FINISHED TOP OF CONCRETE IS NOT WITHIN TOLERANCES, CONTRACTOR SHALL PROVIDE SUITABLE ADDITIONAL FLOOR LEVELING COMPOUND AT NO COST.
9. PROVIDE GROUT-CLEANED FINISH FOR ALL FORMED CONCRETE WALLS AND FLOOR EDGES EXPOSED TO VIEW.
10. "ALL THREAD" MATERIAL SHALL NOT BE SUBSTITUTED FOR BOLTS IN STEEL, CONCRETE, TIMBER, MASONRY, OR ANY OTHER STRUCTURAL APPLICATION, UNLESS NOTED OTHERWISE.

STRUCTURAL SUBMITTALS

1. REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE EOR IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
2. SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR FOR REVIEW PRIOR TO FABRICATION. CONTRACTOR WILL REMAIN RESPONSIBLE FOR ALL ERRORS OF DETAILING, FABRICATION, AND FOR CORRECT FITTING OF ALL STRUCTURAL MEMBERS INCLUDING COORDINATION WITH OTHER TRADES.
   A. SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR (ALLOW FOR A REVIEW DURATION OF 10 BUSINESS DAYS), AND SHALL CONSIST OF ELECTRONIC FILES.
   B. EOR WILL RETURN THE REPRODUCIBLE SET CLEARLY MARKED WITH COMMENTS. ANY REQUIRED RECORD SET COPIES SHALL BE MADE FROM THIS RETURNED SET.
   C. REPRODUCTION OF STRUCTURAL PLANS AND DETAILS FOR SHOP DRAWINGS IS PROHIBITED. SUBCONTRACTOR/FABRICATOR IS TO PROVIDE INDEPENDENTLY CREATED DRAWINGS BASED ON THE STRUCTURAL PLANS AND DETAILS. SHOP DRAWINGS THAT ARE REPRODUCTIONS OF STRUCTURAL DRAWINGS WILL NOT BE REVIEWED.
3. SHOP DRAWINGS AND SUBMITTALS DO NOT CONSTITUTE CHANGE ORDERS. ANY PROPOSED CHANGES TO THE STRUCTURAL DOCUMENTS MUST BE SUBMITTED IN WRITING AS A REQUEST FOR SUBSTITUTION TO THE ARCHITECT AND EOR FOR APPROVAL.
4. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND OR SEISMIC FORCE RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND OR SEISMIC RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTORS STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.
5. THE FOLLOWING LIST SUMMARIZES REQUIRED STRUCTURAL SUBMITTALS FOR THIS PROJECT. REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST AND ADDITIONAL REQUIREMENTS.

GENERAL
- QUALIFICATION DATA FOR APPROVED INSTALLERS AND FABRICATORS
- CERTIFICATES OF CONFORMANCE FOR PREFABRICATED MEMBERS
- SEISMIC JOINT AND EXPANSION JOINT COVER PRODUCT DATA

CONCRETE REINFORCEMENT
- MANUFACTURER'S PRODUCT DATA, SPECIFICATIONS AND INSTALLATION PROCEDURES FOR PROPRIETARY MATERIALS AND REINFORCEMENT
- STEEL PRODUCER'S CERTIFICATES OF MILL ANALYSIS, TENSILE AND BEND TESTS
- SHOP DRAWINGS FOR FABRICATION, BENDING AND PLACEMENT

CAST-IN-PLACE CONCRETE
- DESIGN MIX FOR EACH CONCRETE MIX
- MATERIAL TEST REPORTS
- MATERIAL CERTIFICATES FOR CEMENT, AGGREGATES AND ADMIXTURES
- SHOP DRAWINGS FOR PROPOSED LOCATIONS OF ADDITIONAL CONSTRUCTION OF CONTROL JOINTS NOT SHOWN ON THE STRUCTURAL PLANS
- MINUTES FROM PREINSTALLATION CONFERENCE

STRUCTURAL STEEL
- MANUFACTURER'S MILL CERTIFICATES
- MILL TEST REPORTS
- SHOP DRAWINGS FOR FABRICATION AND ASSEMBLY OF MEMBERS
- ERECTION PLAN SEQUENCE AND PROCEDURES
- WELDING PROCEDURE SPECIFICATIONS (WPS)
- CERTIFICATES FOR ALL WELDERS VERIFYING CURRENT AWS QUALIFICATIONS
- TEST REPORTS FOR SHOP AND FIELD WELDED BOLTED CONNECTIONS

STEEL DECK
- SHOP DRAWINGS INDICATING TYPE, LAYOUT, DETAILS, AND OPENINGS LARGER THAN 1'-0"

CITY OF TRACY

TRACY Think Inside the Triangle

LICENSED ARCHITECT PAUL W. POWERS C-29713 2/28/2027 RENEWAL DATE STATE OF CALIFORNIA

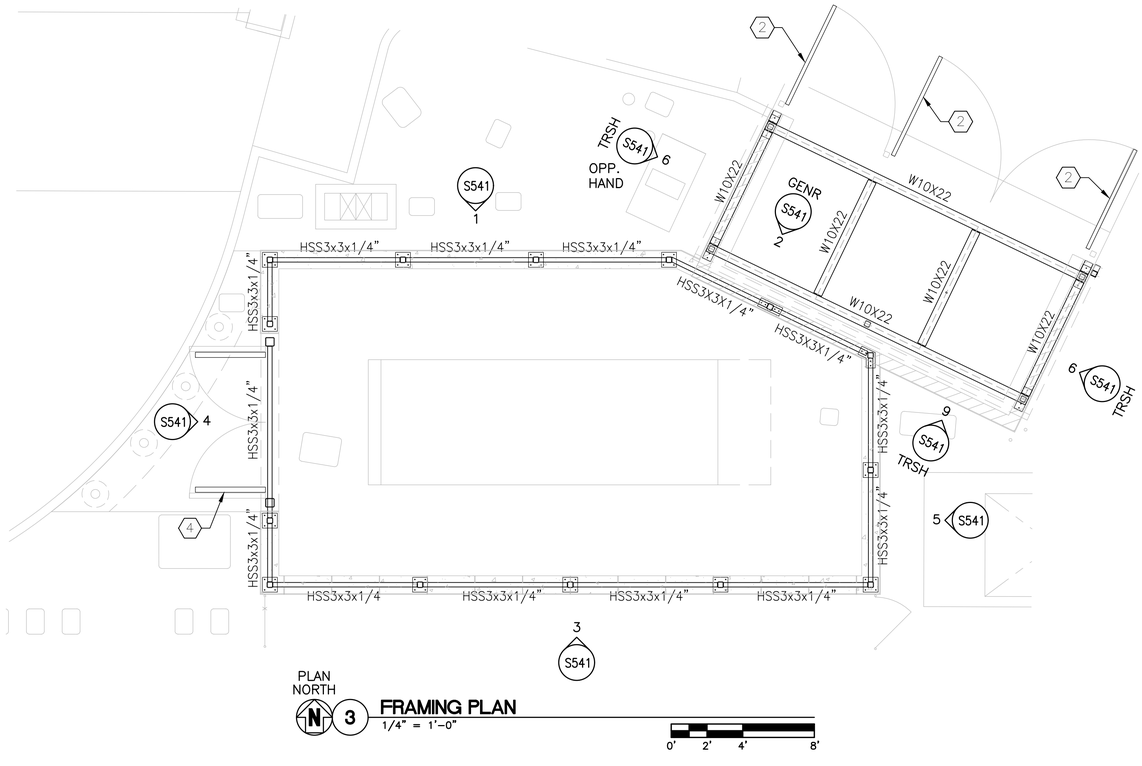
KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
STRUCTURAL GENERAL NOTES
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

S001

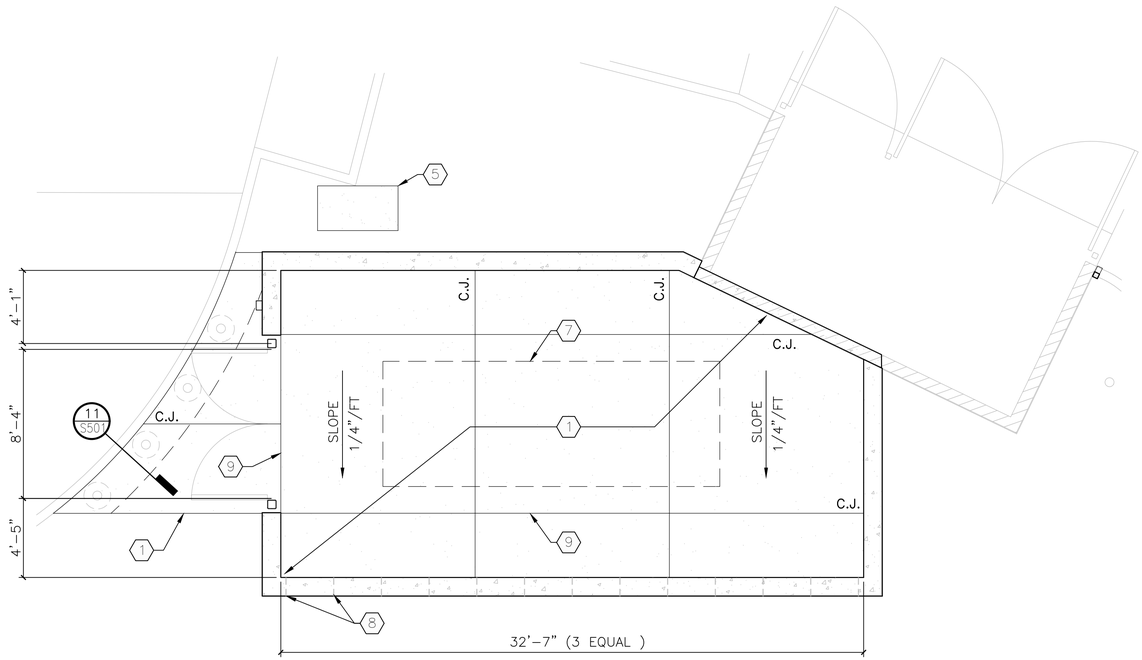


PLAN NORTH

3 FRAMING PLAN

1/4" = 1'-0"

0' 2' 4' 8'

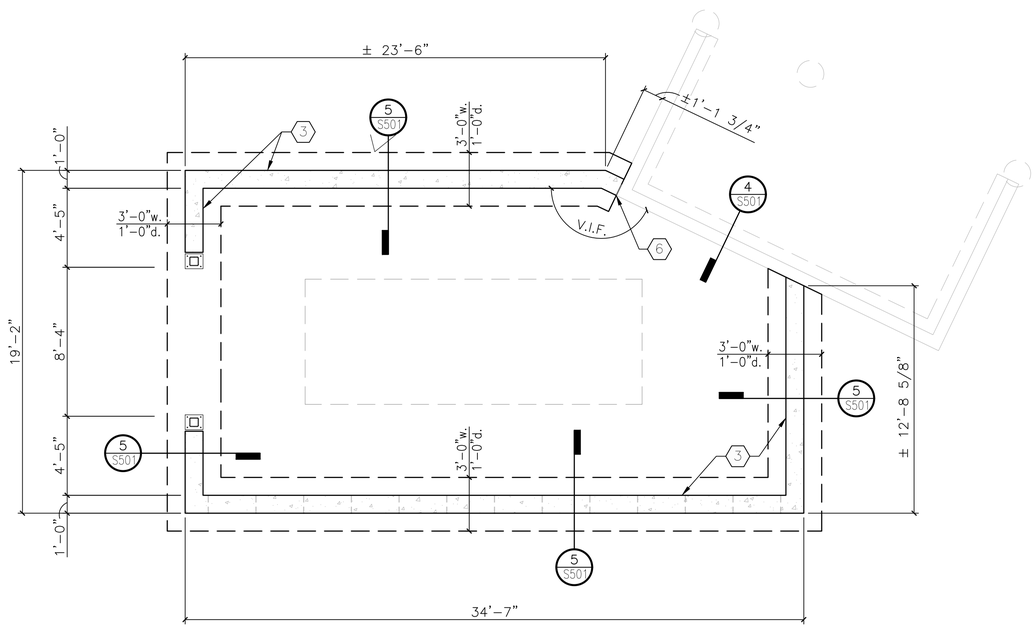


PLAN NORTH

2 FLATWORK PLAN

1/4" = 1'-0"

0' 2' 4' 8'



PLAN NORTH

1 FOUNDATION PLAN

1/4" = 1'-0"

0' 2' 4' 8'

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION. CONTRACTOR TO COORDINATE ANY DISRUPTION OF SERVICES WITH OWNER PRIOR TO DISCONNECTING.
3. SEE SHEET S541 FOR ALL SPACING OF VERTICAL STEEL FRAMING PER ELEVATION CALLOUTS.

KEYED NOTES:

1. 6" CONC. SLAB-ON-GRADE w/ #4'S AT 12" O.C., EACH WAY, CENTERED IN SLAB, SEE DETAIL 2/S501
2. HSS STEEL GATE FRAME, SEE FRAME ELEVATION 7/S541
3. 12" REINFORCED CONCRETE WALL. TYPICAL ALL WALLS U.O.N.,
4. HSS STEEL GATE FRAME, SEE FRAME ELEVATION 8/S541
5. 54"x30" CONCRETE EQUIPMENT SLAB, SEE DETAIL D8.2/C503
6. ALIGN FACE OF NEW CONCRETE WALL WITH FACE OF EXISTING MASONRY WALL
7. PROVIDE (10) 1/2"ø SS TITEN-HD SCREWS w/ 3-1/4" EMBED, TYPICAL. COORDINATE w/ APPROVED GENERATOR SHOP DRAWINGS
8. WEEP HOLES (3/4"ø) AT 48" O.C. ALONG LENGTH OF SOUTH WALL (PRE-POUR)
9. CONSTRUCTION JOINT, SEE DETAIL 12/S501

CITY OF TRACY

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LICENSED ARCHITECT
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C-29713
2/28/2027
RENEWAL DATE
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SYMBOL	DATE	DESCRIPTION	APPROVED
1	12-12-24	REVIEW COMMENTS - REV 1	
2	10-12-25	REVIEW COMMENTS - REV 2	

REVISIONS

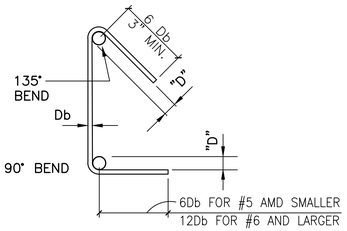
DESIGNED BY: COT / KPA
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STRUCTURAL ENLARGED PLANS
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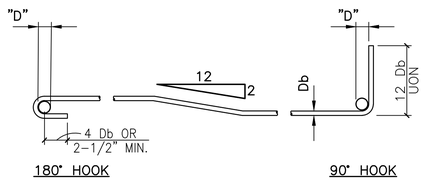
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SHEET 13 OF 20

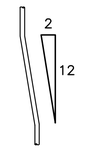
	BEND DIAMETER "D"	
BAR SIZE	STIRRUPS AND TIES	ALL OTHER BARS
#3 THRU #5	4 Db	6 Db
#6 THRU #8	4 Db	6 Db



STIRRUPS AND TIE HOOKS



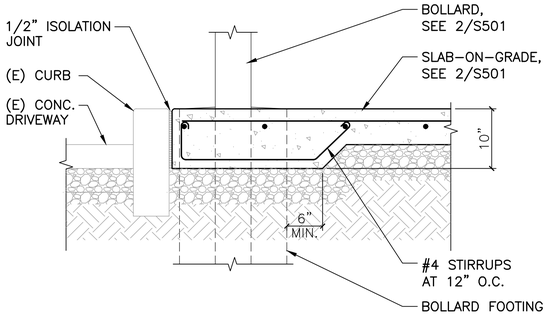
TYPICAL BAR OFFSET AND HOOKS



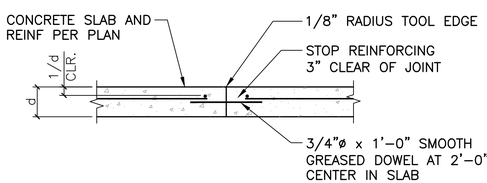
TYPICAL BAR COLUMN BAR OFFEST

NOTES:
1. "Db" IS THE NOMINAL DIAMETER OF THE BAR BEING BENT OR SPLICED

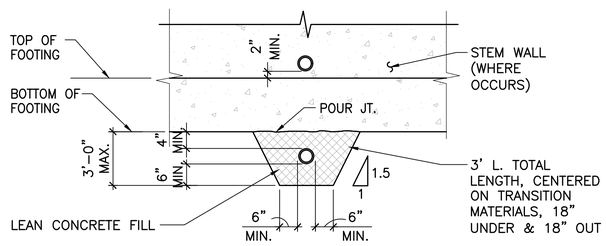
10 TYPICAL BAR BENDING DETAILS
N.T.S.

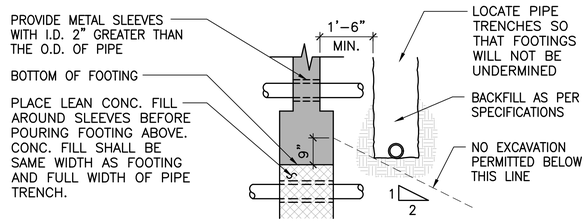


11 THICKENED SLAB EDGE DETAIL
1"=1'-0"

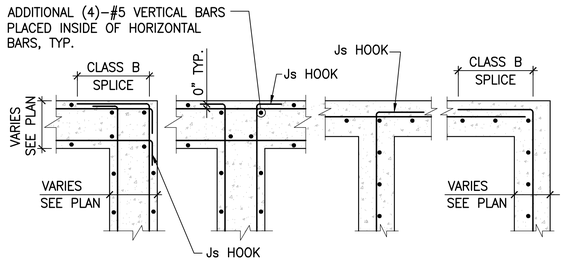


12 COLD DOWELED CONSTRUCTION JOINT
N.T.S

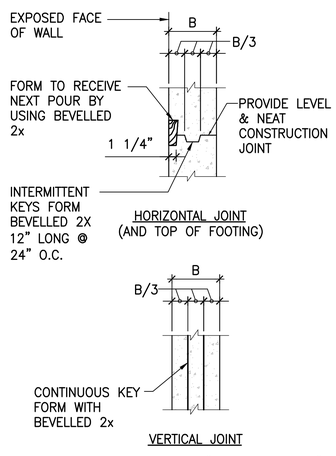




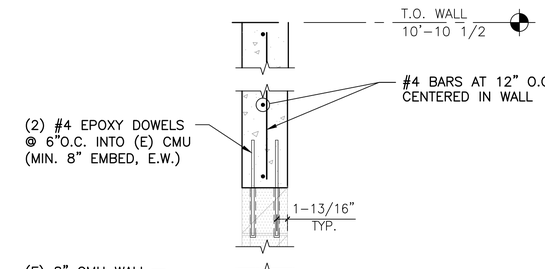
7 TYPICAL PIPE TRENCH DETAIL
NO SCALE



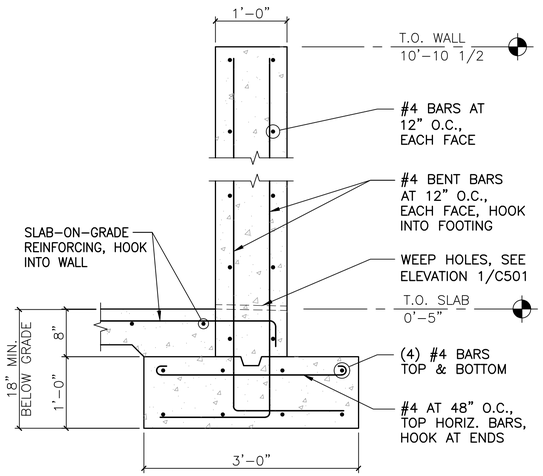
TYPICAL REINFORCING DETAILS AT WALL INTERSECTIONS
8
NO SCALE



9 CONSTRUCTION JOINTS
N.T.S.



4 FOUNDATION WALL AND FOOTING
1"=1'-0"



5 FOUNDATION WALL AND FOOTING
1"=1'-0"

BAR SIZE	CLASS B		CLASS A		ld	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	2'-0"	1'-7"	1'-7"	1'-3"	1'-7"	1'-3"
#4	2'-8"	2'-1"	2'-1"	1'-7"	2'-1"	1'-7"
#5	3'-4"	2'-7"	2'-7"	2'-0"	2'-7"	2'-0"
#6	4'-0"	3'-1"	3'-1"	2'-5"	3'-1"	2'-5"
#7	5'-10"	4'-6"	4'-6"	3'-6"	4'-6"	3'-6"
#8	6'-8"	5'-2"	5'-2"	4'-0"	5'-2"	4'-0"
#9	7'-7"	5'-10"	5'-10"	4'-6"	5'-10"	4'-6"
#10	8'-6"	6'-7"	6'-7"	5'-1"	6'-7"	5'-1"
#11	9'-5"	7'-3"	7'-3"	5'-7"	7'-3"	5'-7"

NOTES:
1. SPLICE LENGTHS ARE TYPICAL UNLESS NOTED OTHERWISE.
2. USE CLASS A SPLICES ONLY WHERE SPECIFICALLY NOTED ON DRAWINGS. ALL CLASS A SPLICES SHALL BE STAGGERED SO THAT NO MORE THAN HALF OF THE TOTAL REINFORCEMENT IS SPLICED WITHIN THE REQUIRED LAP LENGTH.
3. USE CLASS B SPLICES AT ALL OTHER LOCATIONS, INCLUDING ALL BARS MARKED AS CONTINUOUS AND ALL COLUMN REINFORCING.
4. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF FRESH CONCRETE CAST BELOW THE BARS.

6 TYPICAL LAP SPLICE FOR SCHEDULE
N.T.S.

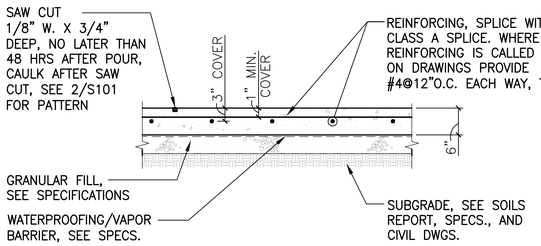
1. EPOXY ADHESIVE SHALL BE USED FOR ALL ALL-THREAD ROD (A.T.R.) ANCHORS AND REINFORCING STEEL (REBAR) DOWELS EMBEDDED IN EXISTING CONCRETE EXCEPT EPOXY SYSTEMS SHALL NOT BE USED TO SUPPORT GRAVITY LOADS EXPOSED TO FIRE AND NOT BURIED IN CONCRETE WITH A MINIMUM COVER OF 3 INCHES.
2. EPOXY ADHESIVE SYSTEMS SHALL BE SIMPSON "SET-XP" (ICC ESR-2508), HILTI "HIT-RE 500 V3" (ICC ER-3814), OR EQUIVALENT. ALTERNATIVE ANCHORING SYSTEMS MAY BE USED ONLY WITH PRIOR WRITTEN APPROVAL BY STRUCTURAL ENGINEER.
3. ALL THREADED RODS (ATR'S) AND ANCHOR BOLTS (A.B.'S) SHALL BE ASTM A307. MINIMUM DEPTH OF EMBEDMENT SHALL BE AS DETAILED ON THE DRAWINGS.
4. TEST 25% OF THE INSTALLED A.T.R. ANCHORS. TESTING OF REBAR DOWELS IS NOT REQUIRED.
5. PULL-OUT TEST LOAD VALUES:

A.T.R. OR REBAR DIAMETER	EMBEDMENT	PULL-OUT LOAD
3/8"	3 1/2"	2900 LBS.
1/2"	4 1/2"	4100 LBS.
5/8"	5 5/8"	6600 LBS.
3/4"	6 3/4"	7000 LBS.
7/8"	7 7/8"	11800 LBS.
1"	9"	12500 LBS.

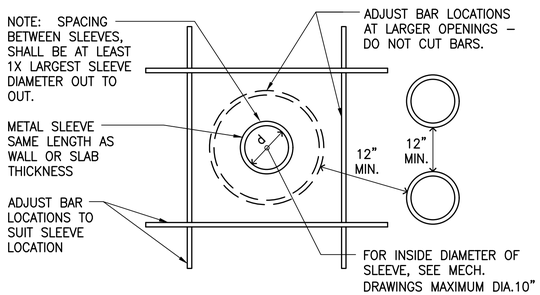
6. IF ANY ANCHOR SHOULD FAIL, IT SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

1 DRILLED ANCHORS - ANCHOR BOLTS, THREADED RODS OR REBAR SET IN EPOXY
NO SCALE

REINFORCING NOTES:
1. ALL CONCRETE REINFORCING IS ASTM A615, Fy=60 KSI, EXCEPT WHERE OTHERWISE NOTED.
2. REINFORCING SHALL BE CONTINUOUS U.N.O., STAGGER ALL SPLICES.
3. SPLICES IN REINFORCING AND SPLICE LENGTHS TO BE AS SHOWN ON TYPICAL DETAILS. LOCATE JOINTS AND SPLICES AS SHOWN ON DRAWINGS. SUBMIT FOR REVIEW ALL OTHER JOINT LOCATIONS AND SPLICE DETAILS. STAGGER ALL SPLICES WHERE POSSIBLE & PROVIDE SPLICES AS SHOWN ON CONTRACT DOCUMENTS. WHERE NO SPLICE IS SHOWN PROVIDE SPLICES AND DEVELOPMENT LENGTHS OF AT LEAST 48 BAR DIAMETERS. NO WELDING OF ANY REINFORCING IS PERMITTED EXCEPT HERE SPECIFICALLY SHOWN ON STRUCTURAL DOCUMENTS. REBAR SHOWN TO BE WELDED SHALL CONFORM TO ASTM A706.
4. LOCATE ALL REINFORCING AS SHOWN ON DRAWINGS AND FASTEN SECURELY.
5. ALL REINFORCING TO TERMINATE WITH STANDARD HOOKS AS SHOWN ON TYPICAL DETAILS. UNLESS NOTED OTHERWISE, ALL STIRRUPS AND TIES TO BE CLOSED WITH 135 DEGREE BENDS.



2 TYPICAL SLAB-ON-GRADE
3/4"=1'-0"



3 TYPICAL CONCRETE WALL SLEEVE DETAIL
NO SCALE

CITY OF TRACY

TRACY — Think Inside the Triangle

LICENSED ARCHITECT — PAUL W. POWERS — C-29713 — 2/28/2027 — RENEWAL DATE — STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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SYMBOL	DATE	DESCRIPTION	APPROVED
1	12-12-24	REVIEW COMMENTS REV 1	
2	10-13-25	REVIEW COMMENTS REV 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
STRUCTURAL FOUNDATION/SLAB DETAILS
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

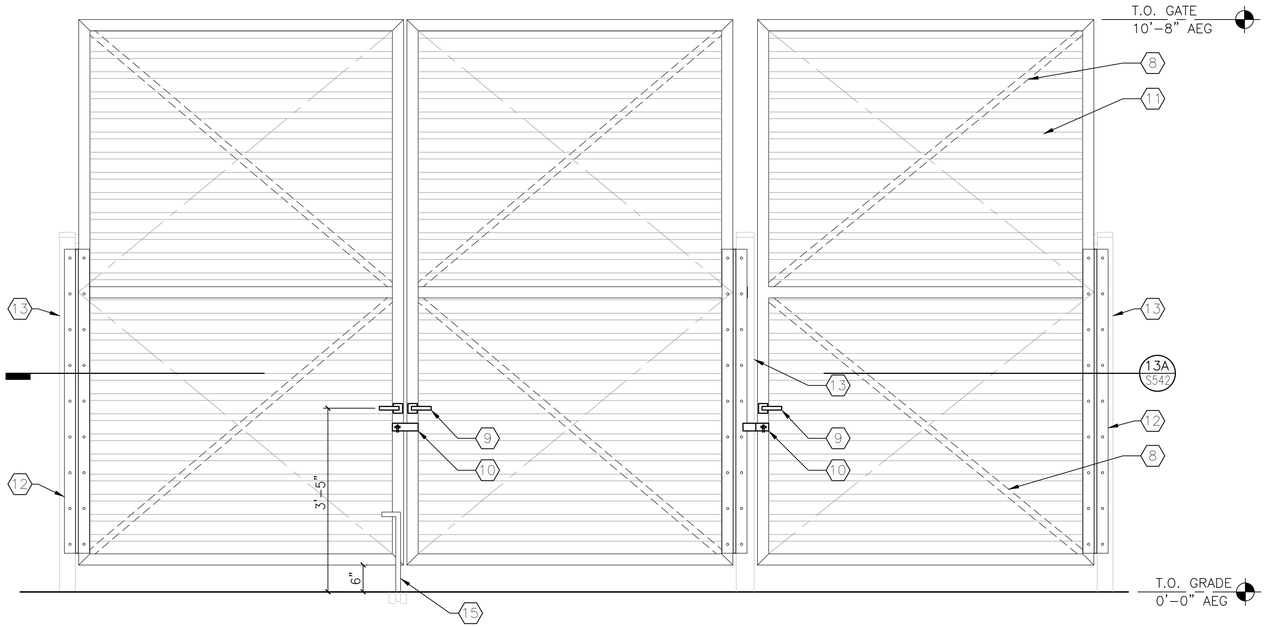
S501

GENERAL NOTES:

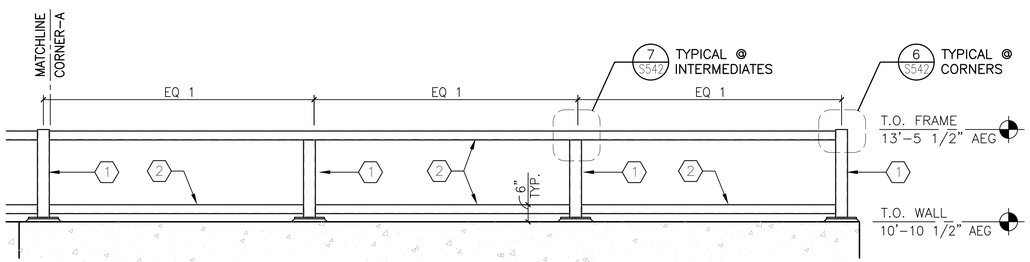
1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. ALL EXPOSED STEEL SHALL BE GALVANIZED, PRIMED AND PAINTED. COLOR TO BE DETERMINED.

KEYED NOTES:

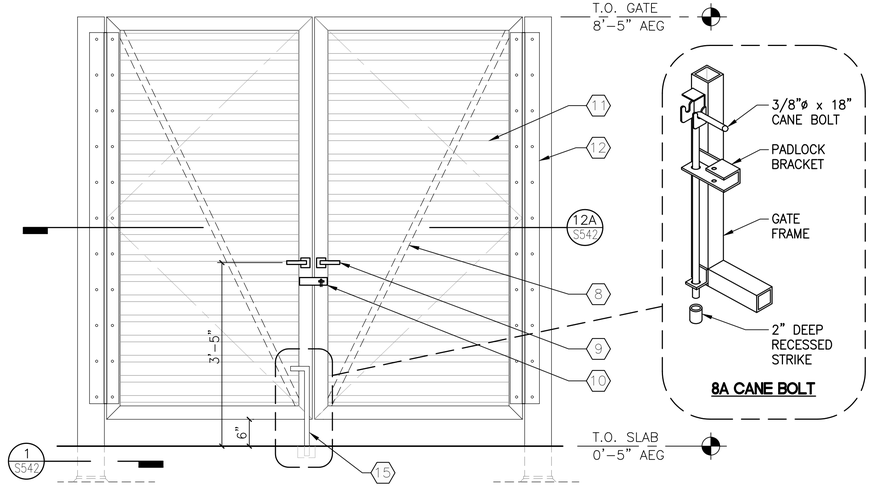
1. HSS4X4X3/8" COLUMN AND/OR BEAM
2. HSS3X3X1/4" BEAM
3. HSS2X2X13/16" BRACE
4. W6X12 COLUMN AND/OR BEAM
5. 1" SQ. STEEL BAR FRAMING
6. W10X22 BEAM
7. STIFFENER PLATE AT CROSS BEAM LOCATIONS
8. ∠1X1X1/8 DIAGONAL BRACING, TYPICAL EACH LEAF
9. FIXED GATE HANDLE, TYP. EACH LEAF
10. LOCK HASP AFFIXED TO HSS GATE FRAME
11. 7/8" CORRUGATED METAL PANEL (40% PERFORATED) ATTACHED TO STEEL ANGLE FRAMING
12. CONTINUOUS PIANO HINGE
13. EXISTING HSS JAMB POST
14. PROVIDE STEEL BENT PLATE FOR LIGHT FIXTURE MOUNT, SEE DETAIL 11/C502
15. HEAVY DUTY, SURFACE MOUNTED @ OUTSIDE OF GATE LEAF, LOCKABLE STAINLESS STEEL CANE BOLT. INSTALL HEAVY DUTY STAINLESS STEEL GROUND CATCHES WITH DRAIN HOLES IN BOTH THE OPEN AND CLOSED GATE LEAF POSITIONS, SEE DETAIL 8A/S542



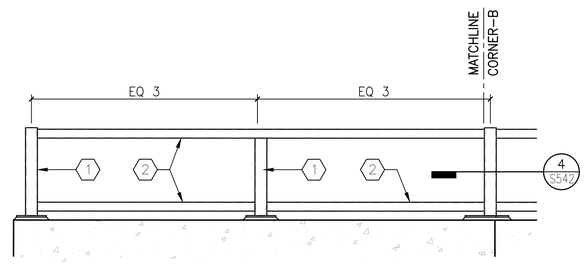
7 GATE FRAME ELEVATION AT TRASH ENCLOSURE
3/4" = 1'-0"



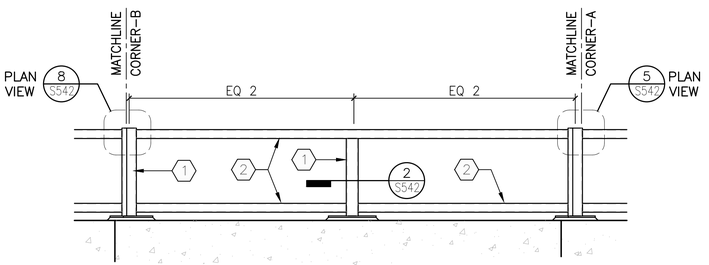
1 GENERATOR ENCLOSURE - NORTH ELEVATION
1/2" = 1'-0"



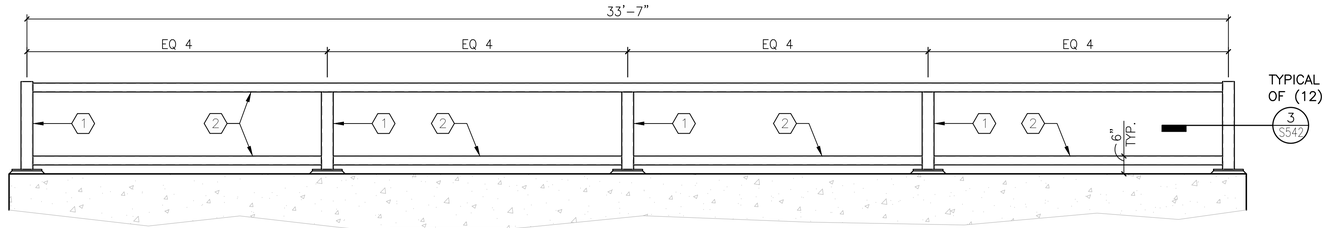
8 GATE FRAME ELEVATION AT GENERATOR
3/4" = 1'-0"



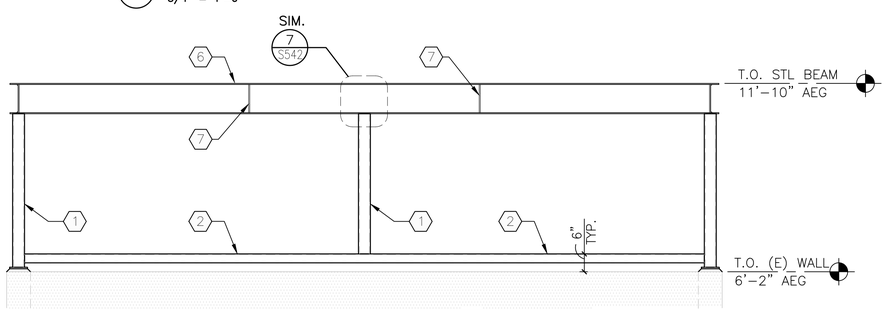
5 GENERATOR ENCLOSURE - EAST ELEVATION
1/2" = 1'-0"



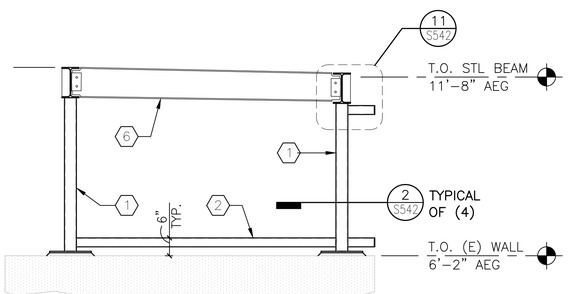
2 GENERATOR ENCLOSURE - NORTHEAST ELEVATION
1/2" = 1'-0"



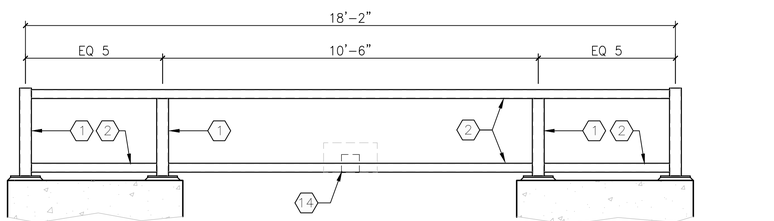
3 GENERATOR ENCLOSURE - SOUTH ELEVATION
1/2" = 1'-0"



9 TRASH ENCLOSURE - ELEVATION
1/2" = 1'-0"



6 TRASH ENCLOSURE - ELEVATION
1/2" = 1'-0"



4 GENERATOR ENCLOSURE - WEST ELEVATION
1/2" = 1'-0"

CITY OF TRACY

Think Inside the Triangle

LICENSED ARCHITECT
PAUL W. POWERS
C-29713
2/28/2027
RENEWAL DATE
STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com

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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
1	10-31-25	ROOF COMMENTS REV 2	

DESIGNED BY: CDT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

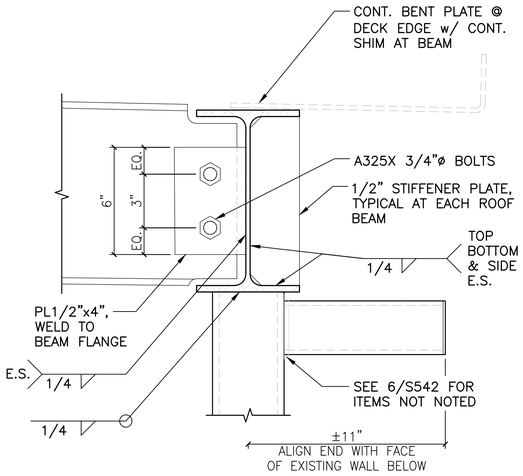
PERMIT #: COM24-0353
STRUCTURAL FRAMING ELEVATIONS
TRANSIT STATION EMERGENCY
BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

S541

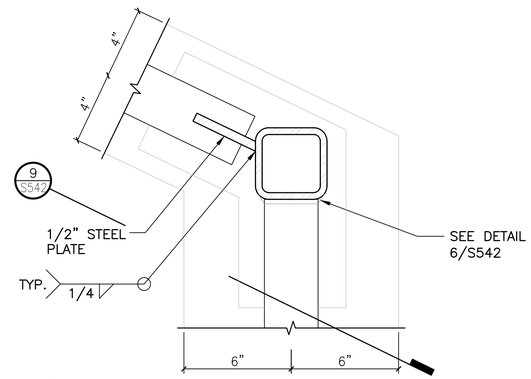
SHEET 15 OF 20

GENERAL NOTES:

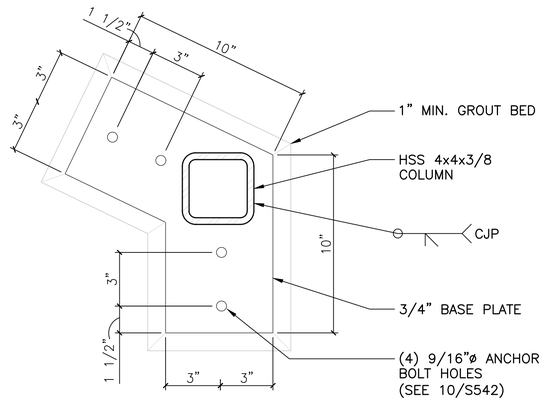
1. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION.
2. ALL BOLT HOLES ARE 1/16" LARGER THAN THE ANCHOR BOLTS.
3. ALL EXPOSED STEEL SHALL BE GALVANIZED, PRIMED AND PAINTED. COLOR TO BE DETERMINED,



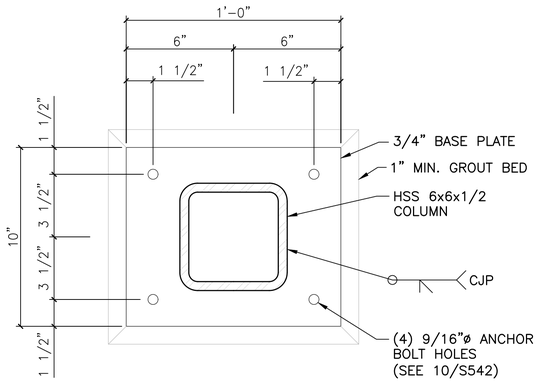
11 TOP OF COLUMN DETAIL
3" = 1'-0"



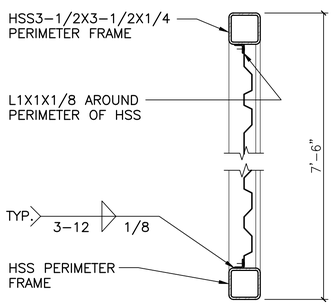
8 PLAN VIEW - BEAM TO COLUMN CONNECTION
3" = 1'-0"



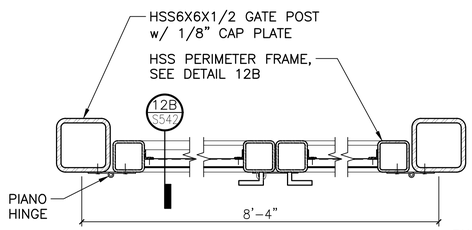
4 BASE PLATE DETAIL AT POST
3" = 1'-0" TYPICAL OF (2)



1 BASE PLATE DETAIL AT GATE JAMB POST
3" = 1'-0" TYPICAL OF (2)



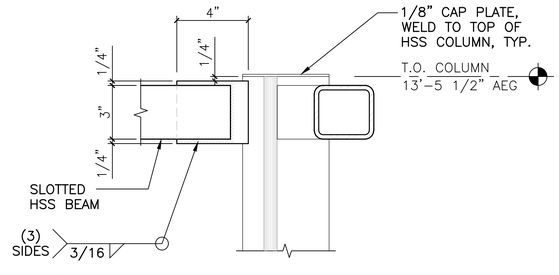
12B GATE LEAF VERTICAL SECTION



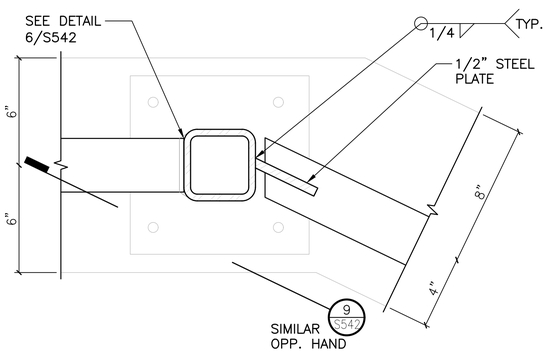
12A GATE LEAF PLAN VIEW SECTION

PIANO HINGE ATTACHMENT:
SIMPSON #10-16 x 3/4 STRONGDRIVE SELF-DRILLING METAL SCREW OR APPROVED EQUAL, MIN. 6 PER HSS POST

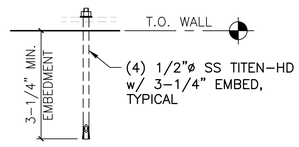
12 GATE LEAFS AT GENERATOR ENCLOSURE
1 1/2" = 1'-0"



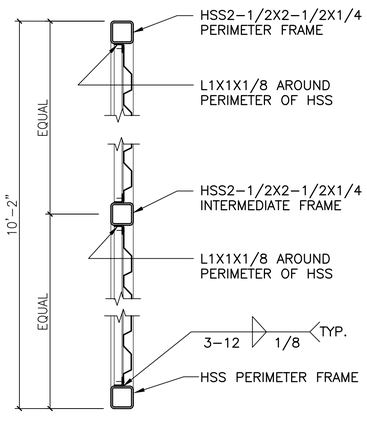
9 SIDE VIEW - BEAM TO COLUMN CONNECTION
3" = 1'-0"



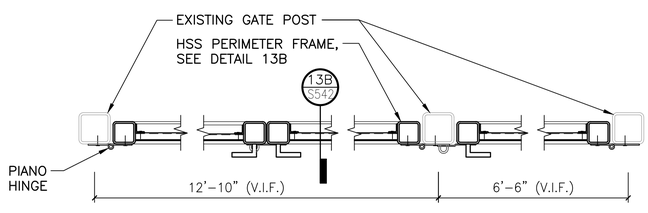
5 PLAN VIEW - BEAM TO COLUMN CONNECTION
3" = 1'-0"



10 ANCHOR BOLTS
NO SCALE

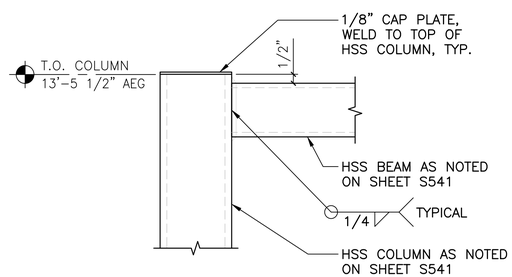


13B GATE LEAF VERTICAL SECTION

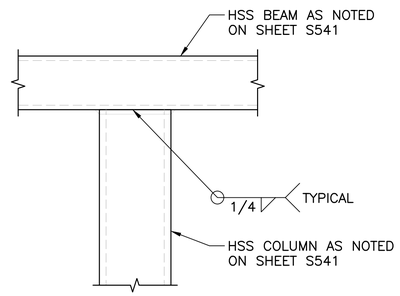


13A GATE LEAF PLAN VIEW SECTION

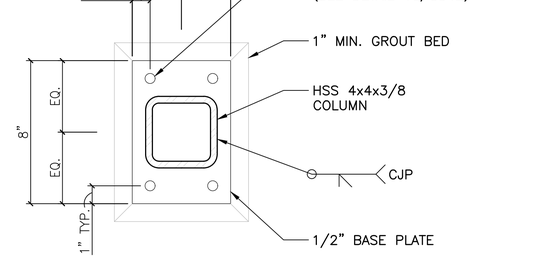
13 GATE LEAFS AT TRASH ENCLOSURE
1 1/2" = 1'-0"



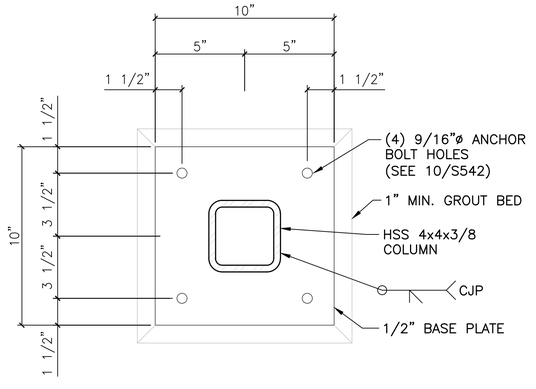
6 TOP OF COLUMN DETAIL
3" = 1'-0"



7 TOP OF COLUMN DETAIL
3" = 1'-0"



2 BASE PLATE DETAIL
3" = 1'-0" TYPICAL OF (5)



3 BASE PLATE DETAIL
3" = 1'-0" TYPICAL OF (12)

CITY OF TRACY

TRACY Think Inside the Triangle

LICENSED ARCHITECT PAUL W. POWERS C-29713 2/28/2027 RENEWAL DATE STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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SYMBOL	DATE	REVISIONS DESCRIPTION	APPROVED
1	12-12-24	BIDS COMMENTS SET 1	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
STRUCTURAL FRAMING DETAILS
TRANSIT STATION EMERGENCY
BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

S542

GENERAL NOTES- ELECTRICAL:

A. CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES, WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION.

B. THE TERM "PROVIDE" SHALL MEAN CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE WORKING SYSTEM.

C. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES. INCLUDING BUT NOT LIMITED TO LATEST APPLICABLE CALIFORNIA ELECTRICAL CODE, NFPA 70 (NATIONAL ELECTRIC CODE), NFPA 72, INTERNATIONAL BUILDING CODE, CALIFORNIA TITLE 24, ETC.

D. ALL WORK SHALL BE COORDINATE WITH EXISTING CONDITIONS, NEW CONSTRUCTION, OWNER'S VENDORS, ALL TRADES, AND THEIR DOCUMENTS. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING BID.

E. WHEN RUNNING MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A SINGLE CONDUIT, DERATE AMPACITIES IN ACCORDANCE WITH NFPA 70.

F. A CODE SIZE INSULATED GROUND CONDUCTOR SHALL BE PROVIDED IN ALL FEEDER AND BRANCH CIRCUIT CONDUITS.

G. ALL THHN/THWN/THHW/THW/XHHW CONDUCTORS ARE SIZED BASED ON 75°C TEMPERATURE RATING. ALL TERMINATIONS FOR ALL EQUIPMENT AND DEVICES SHALL BE LISTED AND IDENTIFIED FOR USE WITH 75°C CONDUCTORS. IF CONTRACTOR PROVIDES TERMINATIONS OF LESS THAN 75°C, THE ASSOCIATED CONDUCTOR SIZES SHALL BE INCREASED DUE TO THE DERATING AMPACITY PER NEC TABLE 310-15(B)(16). CONTRACTOR SHALL MAKE ALL CHANGES (I.E. CONDUIT SIZES, ETC.) AS NECESSARY AND SHALL MAKE ALL REVISIONS ON "AS-BUILT" DRAWINGS.

H. MINIMUM CONDUIT SIZE IS 3/4 INCH, MINIMUM WIRE SIZE IS #12 AWG (COPPER CONDUCTOR THHN/THWN), UNLESS OTHERWISE NOTED ON PLANS OR IN CIRCUIT REVIEWS.

I. ALL CONDUIT SHALL BE RUN CONCEALED WHEREVER POSSIBLE ABOVE CEILINGS, INSIDE WALLS, OR UNDER FLOOR SLAB (ONLY WHERE SHOWN DASHED ON PLAN, OR NOTED/ALLOWED BY ENGINEER), UNLESS OTHERWISE NOTED ON PLAN. IN HIGH-BAY (NO CEILING) AREAS, RUN EXPOSED CONDUIT HIGH AS POSSIBLE. ALL CONDUIT SHALL BE RUN PARALLEL OR PERPENDICULAR TO NEARBY SURFACE OR STRUCTURAL MEMBERS AND FOLLOW THE SURFACE CONTOURS AS MUCH AS PRACTICAL. NO CONDUIT SHALL BE INSTALLED IN FLOOR SLAB UNLESS SPECIFICALLY NOTED OTHERWISE.

J. CONTRACTOR SHALL PROVIDE RIGID METAL SLEEVES TO FACILITATE PATHWAY (I.E. THRU BLOCK WALLS) FOR ELECTRICAL AND TELECOMMUNICATION DEVICES.

K. PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR CONDUITS. DO NOT LEAVE PIPING/ CONDUITS OPEN ENDED. PROVIDE END BUSHINGS FOR ALL STUB-OUTS AND SLEEVES DESIGNATED TO BE UTILIZED FOR THIS PROJECT. COORDINATE WITH OWNER'S REPRESENTATIVE FOR SYSTEMS NOT PROVIDED UNDER THIS CONTRACT.

L. PROVIDE FIRE STOP TO ALL CONDUITS AND DEVICES PENETRATING FIRE RATED WALLS, SMOKE WALLS AND FLOORS. ALL PENETRATIONS THROUGH FIRE WALLS SHALL BE BY UL LISTED FIRE PENETRATION METHODS/MATERIALS, ETC. SEE ARCHITECTURAL FOR RATED WALLS.

M. MOUNTING HEIGHTS ABOVE FINISHED FLOOR (AFF) ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE.

N. DEVICES/OUTLETS SHALL BE COORDINATED WITH ASSOCIATED ARCHITECTURAL DRAWINGS (I.E. FLOOR PLANS, CASEWORK DETAILS/ELEVATIONS, ETC.) FOR EXACT LOCATIONS AND MOUNTING, PRIOR TO ROUGH-IN. IF EXACT LOCATIONS AND MOUNTING ARE NOT INDICATED ON ARCHITECTURAL DRAWINGS, FIELD VERIFY EXACT LOCATIONS AND MOUNTING WITH OWNER AND ALL TRADES. MOUNTING HEIGHTS SHALL MEET CBC ACCESSIBILITY.

O. RECEPTACLES SHALL BE CIRCUITED WITH A SEPARATE GROUND WIRE. RECEPTACLES PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER CIRCUIT BREAKER SHALL HAVE A DEDICATED NEUTRAL WIRE PULLED FOR THAT CIRCUIT. S.

P. RECEPTACLES ARE TO BE INSTALLED WITH THE GROUND PIN IN THE TOP POSITION.

Q. FOR EACH RECEPTACLE SUPPLIED FROM A GROUND FAULT CIRCUIT INTERRUPTER BREAKER IN PANELBOARD, PROVIDE A COVER PLATE WITH THE FOLLOWING PERMANENTLY ETCHED OR ENGRAVED MARKING: "G.F.C.I. PROTECTED".

R. ELECTRICAL DRAWINGS SHALL BE COORDINATED WITH EXISTING CONDITIONS, ASSOCIATED MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR FOR MOTORS, DEVICES, FIXTURES, ETC. FOR EXACT LOCATIONS BEFORE ROUGH-IN OF CONDUIT SYSTEM

S. TURN OVER TO THE OWNER ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIALS PROVIDED.

T. PROVIDE NEW UPDATED TYPED PANEL LEDGER/CIRCUIT DIRECTORY FOR EACH NEW AND ALTERED PANELBOARD.

U. ALL NEW ELECTRICAL JUNCTION BOXES ABOVE CEILING IN AREAS RELATED TO CONSTRUCTION ARE TO BE IDENTIFIED AND LABELED WITH A PERMANENT MARKER. FIRE ALARM JUNCTION BOXES ARE TO BE PAINTED RED.

V. NO MC CABLE SHALL BE PERMITTED ON PROJECT.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	WALL OUTLET AND INCANDESCENT, FLUORESCENT, LED OR HID FIXTURE
	DUPLEX RECEPTACLE – 20 AMP,125V,2P.,3W,TYP.MTG. AT 18" A.F.F. TO BOTTOM UON WITH HEIGHT NOTED AFF
	CONDUIT CONCEALED WHERE POSSIBLE (NOTE NOT ALL CONDUIT IS INDICATED ON PLANS)
	CONDUIT CONCEALED IN FLOOR OR BELOW GRADE (NOTE NOT ALL CONDUIT IS INDICATED ON PLANS)
	RECESSED MOUNTED PANELBOARD PLANS/SINGLE-LINE FOR NAME, VOLTAGE AND SIZE
C	CONDUIT
PH	PHASE
NEU	NEUTRAL
WP	WEATHERPROOF (NEMA 3R). PROVIDE IN USE TYPE COVER WHERE NEC REQUIRED
GND	GROUND
SGB	MAIN SERVICE GROUND BAR WITHIN MAIN SWITCHBOARD, SEE DETAILS
GTW	GROUND TEST WELL
GFI GF	GROUND FAULT INTERRUPTER(RECEPTACLE)
UON	UNLESS OTHERWISE NOTED
	THIS IS A STANDARD LEGEND. ALL ITEMS MAY NOT APPEAR ON THIS JOB.

CITY OF TRACY

TRACY Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
KEITH A. PHARIS
No. 17740
Exp. 3/31/26
ELECTRICAL
STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com

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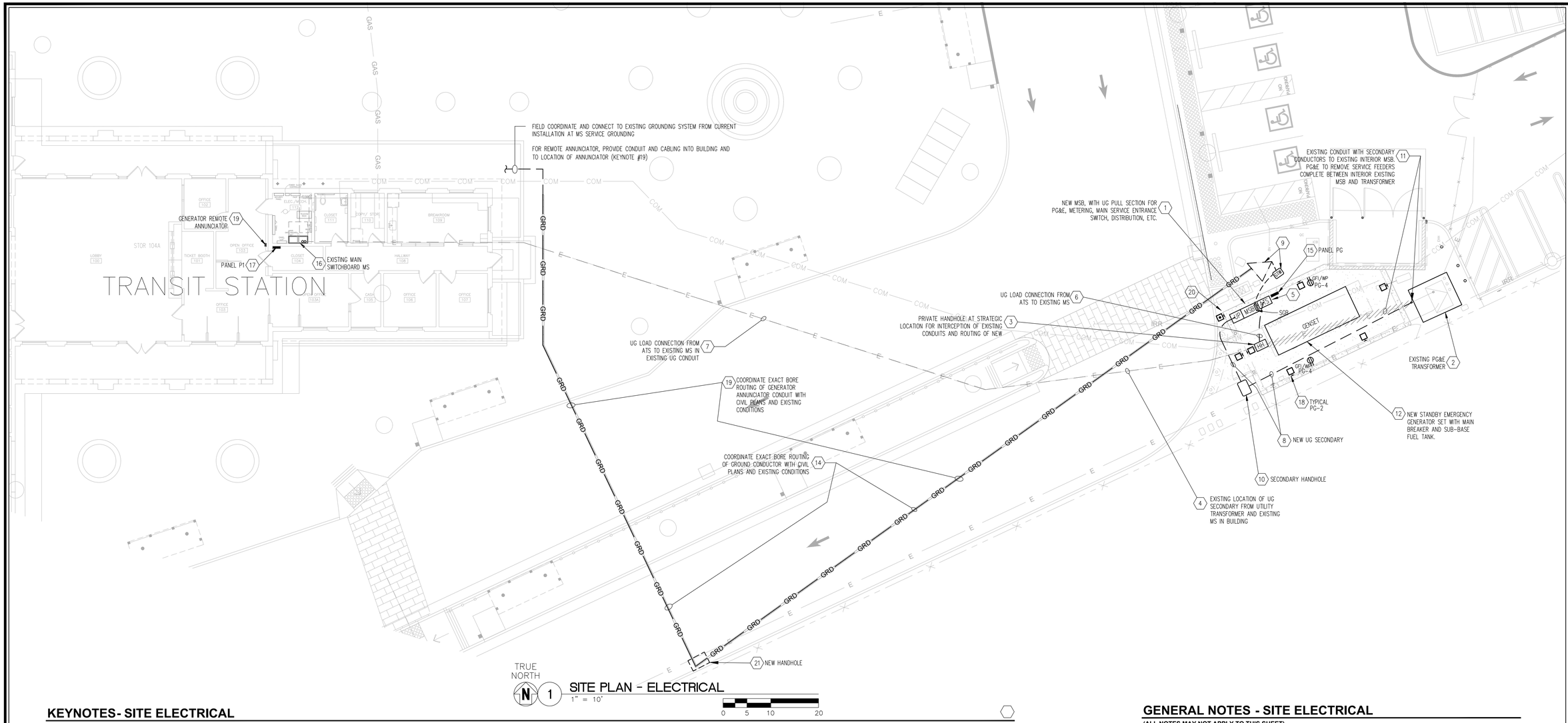
PHARIS ENGINEERING PLLC

SYMBOL	DATE	REVISIONS DESCRIPTION	APPROVED

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
ELECTRICAL LEGEND
AND GENERAL NOTES
TRANSIT STATION EMERGENCY
BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

E000



KEYNOTES- SITE ELECTRICAL

(ALL NOTES MAY NOT APPLY TO THIS SHEET)

1. PROVIDE MAIN EXTERIOR ELECTRICAL GEAR COMPRISED OF PG&E COMPLIANT UG PULL SECTION AND MAIN SERVICE ENTRANCE SWITCHBOARD (MSB) WITH PG&E METERING IN NEMA 3R ENCLOSURE. COORDINATE WITH PG&E. FIELD COORDINATE EXACT LOCATIONS WITH OTHER TRADES, UTILITIES, ENGINEER, ETC..CONTRACTOR SHALL PROVIDE ALL IN COORDINATION WITH REQUIREMENT OF UTILITY FOR INSTALLATION PER UTILITY HANDBOOK AND ALL REQUIRED INSTALLATION DETAILS, ETC. PROVIDE UG SECONDARY FEEDER/CONDUIT, AS NECESSARY FROM NEW MAIN SWITCHBOARD MSB TO EXISTING UTILITY TRANSFORMER VIA NEW HANDHOLE, SEE KEYNOTE #3. SEE SINGLE-LINE DIAGRAM ON E201 FOR ADDITIONAL INFORMATION.
2. EXISTING PG&E UTILITY TRANSFORMER. PROVIDE ALL PER PG&E. EXISTING PRIMARY CONDUIT TO REMAIN. EXISTING SECONDARY CURRENTLY INTERCONNECTS EXISTING TRANSFORMER WITH EXISTING MS IN FACILITY. EXISTING CONDUIT CURRENTLY USED FOR SECONDARY FEEDER SHALL REMAIN FROM LOCATION OF NEW HANDHOLE (SEE KEYNOTE #3) TO EXISTING INTERIOR SWITCHBOARD MS TO BE USED AS LOAD FEEDER FROM ATS TO EXISTING MS (SEE KEYNOTE #7). NEW CONDUIT SHALL BE INSTALLED FROM TRANSFORMER VAULT TO NEW MSB TO CREATE NEW SERVICE ENTRANCE (SEE KEYNOTE #8). EXISTING CONDUIT FROM TRANSFORMER TO JUST OUTSIDE OF TRANSFORMER SHALL BE INTERCEPTED AND NEW CONDUIT SHALL BE PROVIDED TO NEW VAULT, SEE KEYNOTE #10. SEE CIVIL AND SEE SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
3. PROVIDE NEW HANDHOLE AT MOST STRATEGIC LOCATION IN FIELD, FIELD COORDINATE WITH EXISTING UTILITIES, CIVIL AND ALL TRADES. HANDHOLE PURPOSE IS TO INTERCEPT EXISTING CONDUIT FROM EXISTING MS AND PROVIDE NEW CONDUIT PATHWAY FOR NEW ELECTRICAL FROM ATS TO EXISTING MS. COORDINATE WITH OTHER KEYNOTES AND SINGLE-LINE ON E201.
4. THE EXISTING SECONDARY CONDUIT CURRENTLY SERVING DIRECTLY BETWEEN PG&E TRANSFORMER AND EXISTING INTERIOR MAIN SWITCHBOARD MS (KEYNOTE #16) SHALL HAVE SECONDARY FEEDER REMOVED COMPLETE. PROVIDE NEW 800A SECONDARY FEEDER PER KEYNOTES #10 AND #11, MEETING PG&E DESIGN AND DIRECTION, FROM EXISTING PG&E TRANSFORMER TO NEW EXTERIOR MAIN SWITCHBOARD MSB (KEYNOTE #1).
5. PROVIDE NEW ATS IN NEMA 3R ENCLOSURE WITH NORMAL CONNECTION TO NEW SWITCHBOARD MSB. EMERGENCY CONNECTION FROM NEW GENSET MAIN BREAKER. SEE SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
6. PROVIDE LOAD FEEDER IN NEW CONDUIT FROM NEW ATS LOAD VIA HANDHOLE TO EXISTING MS. SEE SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
7. PROVIDE DISTRIBUTION FEEDER IN EXISTING CONDUIT FROM NEW ATS LOAD SIDE VIA HANDHOLE TO EXISTING MS. CUT AND CONNECT EXISTING CONDUITS INTO NEW HANDHOLE "IN AND OUT"AS NECESSARY TO FACILITATE, SEE KEYNOTES #2 & #3 . SEE SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
8. PROVIDE NEW SECONDARY FEEDER FROM PG&E TRANSFORMER TO NEW MSB VIA NEW VAULT (SEE KEYNOTE #10), COORDINATE ALL WITH PG&E INCLUDING SIZE AND QTY OF SECONDARY CONDUCTORS PER GREEN BOOK. SEE KEYNOTE #2 AND SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
9. PROVIDE MAIN SERVICE GROUND COUNTERPOISE SYSTEM, FIELD COORDINATE EXACT LOCATION IN FIELD WITH ALL UTILITIES, TRADES, GRADE – FINAL SELECTION BY ENGINEER. PROVIDE CONNECTION FROM NEW COUNTERPOISE TO EXISTING GROUND SYSTEM CONNECTED TO EXISTING MS, PROVIDE GROUNDING TEST WELL, SEE DRAWING E201 FOR CONNECTIONS AND FURTHER DESCRIPTION/INFORMATION.
10. NEW UG SECONDARY HANDHOLE, PROVIDE PER PG&E AND ALL REQUIREMENTS. INTERCEPT EXISTING CONDUIT FROM PG&E TRANSFORMER JUST OUTSIDE OF EXISTING TRANSFORMER (SEE KEYNOTE #11) AND PROVDE NEW CONDUITS INTO NEW VAULT AND THEN PROVIDE NEW CONDUIT FROM VAULT TO NEW MSB IN GENERATOR ENCLOSURE FOR NEW SECONDARY FEEDER. SEE CIVIL AND SEE SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
11. REMOVE EXISTING CONDUIT BETWEEN NEW HANDHOLE (SEE KEYNOTE #3) AND LOCATION JUST OUTSIDE OF UTILITY TRANSFORMER AFTER PG&E REMOVES EXISTING SECONDARY FEEDER FROM TRANSFORMER TO EXISTING INTERIOR SWITCHBOARD MS. CONDUIT REMOVAL INDICATED AS HATCHED LINES. FIELD COORDINATE.
12. PROVIDE NEW 250KW, 208Y/120V, 3Ø, 4W STANDBY GENERATOR SET IN SOUND ATTENUATED, WEATHERPROOF ENCLOSURE, TIER 4 PER SPECIFICATIONS. SEE CIVIL DRAWINGS AND DETAILS FOR MORE INFORMATION. SEE SINGLE-LINE ON E201 FOR FURTHER DESCRIPTION.
13. PROVIDE DATA CABLE IN CONDUIT FROM GENERATOR CONNECTION POINT TO NETWORK LAN CONNECTION IN BUILDING. PROVIDE CABLING PER GENERATOR MANUFACTURER. MINIMUM (2) CAT 6A CABLES (IN 3/4"ONCE ENTERING BUILDING). CABLES MAY BE ROUTED IN SAME UG BORED CONDUIT AS GENERATOR ANNUNCIATOR WIRING – SEE KEYNOTE #19.
14. PROVIDE GROUND CONNECTION BETWEEN NEW GROUND SYSTEM AND EXISTING PER DETAILS ON E201. BORE PER CIVIL DRAWINGS. CONTRACTOR SHALL CONTINUE ROUTING OF CONDUIT TO GENERATOR AND ALSO TO FACILITY FOR FINAL CONNECTIONS OF GROUND.
15. PROVIDE NEMA 3R BRANCH PANELBOARD PG FOR PROVISIONS OF POWER TO ITEMS IN GENERATOR ENCLOSURE AND GENERATOR SURROUND PER PLANS.
16. EXISTING MAIN SERVICE SWITCHBOARD MS TO BE CONVERTED TO DISTRIBUTION BOARD ONLY, SEE SINGLE-LINE ON E201 FOR ADDITIONAL INFORMATION.
17. NEW BRANCH PANEL P1 IN BUILDING FOR FUTURE LOADS, SERVE FROM EXISTING MS PER SINGLE-LINE ON E201.
18. PROVIDE NEW EXTERIOR LIGHTING FIXTURE IN GENERATOR ENCLOSURE LIHTONIA WST-P2 40K VW MVOLT PBBWPIR E20WH OR ENGINEER REVIEWED EQUIVALENT.
19. PROVIDE NEW REMOTE ANNUNCIATOR TO MEET SPECIFICATION SECTION 26213. FIELD COORDINATE EXACT LOCATION AND ALL CABLING REQUIRED PER GENERATOR MANUFACTURER. ROUTE CABLING IN 1-/2" CONDUIT COMPLETE BETWEEN ANNUNCIATOR IN BUILDING AND GENERATOR CONTROL PANEL IN GENERATOR ENCLOSURE VIA BORING FROM GENSET TO NEW HANDHOLE (SEE KEYNOTE #21) AND FORM HANDHOLE INTO BUILDING. PROVIDE ADDITIONAL CABLING AND CONDUIT FROM END OF THIS BORING INTO BUILDING AND CONTINUED TO GENERATOR AS REQUIRED.
20. PROVIDE EMERGENCY STOP PUSHBUTTON TO SHUT DOWN PRIME MOVER MEETING REQUIREMENTS OF 445.18(B)(2). CED 445.18(C).
21. PROVIDE NEW HANDHOLE FOR BORED CONDUITS NOTED ABOVE (FOR GROUND CONDUCTOR NOTED AND FOR GENERATOR ANNUNCIATOR CONDUIT), SEE KEYNOTES #14 #19.

GENERAL NOTES - SITE ELECTRICAL

(ALL NOTES MAY NOT APPLY TO THIS SHEET)

A. GENERAL INTENT OF THIS DESIGN IS TO PROVIDE FULL STANDBY POWER TO TRANSIT BUILDING VIA NEW GENSET, MSB, ATS AND BACK FEED EXISTING FACILITY AT EXISTING MS. CONTRACTOR TO COORDINATE WITH GENERATOR VENDOR AND ALL TRADES FOR COMPLETE INSTALLATION. CONTRACTOR SHALL PROVIDE ALL NEW CONSTRUCTION TO GREATEST DEGREE POSSIBLE PRIOR TO DISCONNECTION, REMOVAL, DEMOLITION OF EXISTING POWER AND CONNECTION TO NEW. CONTRACTOR TO DISCONNECT AND REMOVE APPLICABLE PORTION OF FEEDERS AS DESCRIBED, PULL THESE FEEDERS BACK TO SOURCE, INSTALL NEW HANDHOLE, RECONNECT ALL CONNECT TO NEW, BACK FEED MS, ETC. SEE KEYNOTES AND SINGLE-LINE DIAGRAM ON E201. PROVIDE TEMPORARY PORTABLE GENERATOR TO BE CABLE CONNECTED TO EXISTING FACILITY SWITCHBOARD MS IN EVENT PHASING CANNOT BE DONE IN ACCEPTABLE DURATION OF OUTAGE FROM FACILITY MANAGER/CLIENT, COORDINATE WITH OWNER.

B. CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES, WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION.

C. THE TERM "PROVIDE" SHALL MEAN CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE WORKING SYSTEM.

D. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES. INCLUDING BUT NOT LIMITED TO LATEST APPLICABLE CALIFORNIA ELECTRICAL CODE, NFPA 70 (NATIONAL ELECTRIC CODE), NFPA 72, INTERNATIONAL BUILDING CODE, CALIFORNIA TITLE 24, ETC.

E. ALL WORK SHALL BE COORDINATED WITH EXISTING CONDITIONS, NEW CONSTRUCTION, OWNER'S VENDORS, ALL TRADES, AND THEIR DOCUMENTS. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING BID.

F. PROVIDE ALL NECESSARY TEMPORARY OR PERMANENT CAPS OR PLUGS FOR CONDUITS. DO NOT LEAVE PIPING/ CONDUITS OPEN ENDED. PROVIDE END BUSHINGS FOR ALL STUB-OUTS AND SLEEVES DESIGNATED TO BE UTILIZED FOR THIS PROJECT. COORDINATE WITH OWNER'S REPRESENTATIVE FOR SYSTEMS NOT PROVIDED UNDER THIS CONTRACT.

G. TURN OVER TO THE OWNER ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIALS PROVIDED.

H. INSTALLATION HANDBOOKS AND OTHER REQUIREMENTS.

I. ALL WORK SHALL BE DONE PER THE LATEST VERSION OF APPLICABLE CALIFORNIA ELECTRICAL CODES, REGULATIONS, STANDARDS, ORDINANCES, ETC.

J. ALL UNDERGROUND POWER CONDUIT SHALL BE MINIMUM 30" BELOW GRADE. CONDUIT SHALL BE PVC SCHEDULE 40 OR GREATER. ALL TRANSITIONS TO ABOVE GRADE SHALL BE MINIMUM SCHEDULE 80 PVC. COORDINATE ALL ROUTINGS WITH OTHER TRADES, SITE CONDITIONS, UTILITIES (NEW AND EXISTING), CIVIL ENGINEERING, ARCHITECT, ETC. ROUTINGS SHOWN ARE DIAGRAMMATIC, COORDINATION IS REQUIRED – PROVIDE ALL HANDHOLES NECESSARY FOR PROPER ROUTING OF CONDUIT DUE TO CONDITIONS IN FIELD. NOT ALL HANDHOLES/PULLBOXES ARE INDICATED. CONTRACTOR SHALL PROVIDE ALL FOR COMPLETE SYSTEM AS DETERMINED BY FIELD CONDITIONS, ETC.

CITY OF TRACY

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REGISTERED PROFESSIONAL ENGINEER KEITH A. PHARIS No. 17740 Exp. 3/31/26 ELECTRICAL STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com

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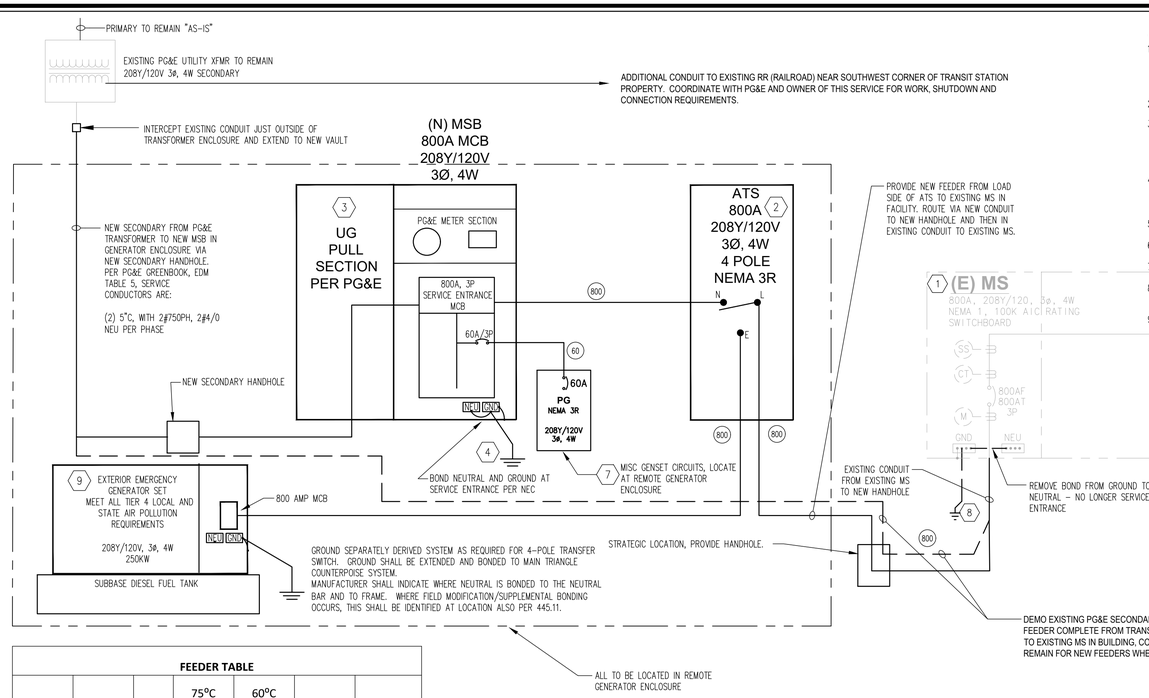
PHARIS ENGINEERING PLLC

SYMBOL	DATE	DESCRIPTION	APPROVED
1	12-12-24	REVIEW COMMENTS - REV 1	
2	10-13-25	REVIEW COMMENTS - REV 2	

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
SITE PLAN -ELECTRICAL
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

ES100



KEYNOTES - PANELBOARD AND RISER DIAGRAM:

1. EXISTING MS [(E)MSB] IN BUILDING TO REMAIN. REMOVE ALL PG&E SERVICE ENTRANCE DEVICES, METERING, ETC.. CONVERT TO DISTRIBUTION ONLY, DISCONNECT NEUTRAL TO GROUND BAR REQUIRED BY SERVICE ENTRANCE PER CODE. EXISTING LOADS TO REMAIN CONNECTED "AS-IS" (HVAC UNITS, PANEL LA). PROVIDE NEW BRANCH FEEDER CIRCUITS FOR NEW PANEL – PANEL P1 TO BE LOCATED IN BUILDING FOR ADDITIONAL SPARE CIRCUITS IN FUTURE.
2. NEW AUTOMATIC TRANSFER SWITCH, 800A, 3P NEMA 3R IN REMOTE GENERATOR ENCLOSURE. CONNECT AS INDICATED.
3. NEW MAIN SERVICE ENTRANCE SWITCHBOARD WITH UG PULL SECTION, PROVIDE ALL PER PG&E REQUIREMENTS. CONNECT TO EXISTING UTILITY TRANSFORMER BY INTERCEPTING EXISTING SERVICE CONDUIT CURRENTLY GOING TO (E) MSB IN BUILDING. ALL SERVICE CONDUCTORS TO BE REMOVED. NEW SERVICE CONDUCTORS TO BE PULLED FROM TRANSFORMER TO NEW MSB LOCATED IN GENERATOR ENCLOSURE. COORDINATE PHASING, HAVE NEW IN PLACE IN ORDER THAT POWER OUTAGE MITIGATED TO "SWITCHOVER" ONLY.
4. SERVICE GROUNDING COUNTERPOISE SYSTEM, COORDINATE AND PROVIDE PER LOCAL UTILITY, SEE DETAIL 02 FOR ADDITIONAL INFORMATION. CONNECT TO EXISTING GROUNDING SYSTEM AT EXISTING MS. CONNECTIONS SHOWN TO BUILDING STRUCTURE, WATER PIPING, ETC. IS EXISTING AT EXISTING MS.
5. EXISTING LOADS IN (E) MS TO REMAIN CONNECTED AS EXISTING – TYPICAL.
6. PROVIDE NEW BREAKER IN EXISTING SPACE IN (E) MS TO LOAD AS INDICATED.
7. CONNECT NEW PANEL PG AT REMOTE GENERATOR LOCATION TO (N) MSB DISTRIBUTION SECTION.
8. EXISTING GROUNDING AT (E) MS SHALL REMAIN. PROVIDE CONNECTION FROM EXISTING GROUNDING TO NEW GROUNDING COUNTERPOISE NOTED IN KEYNOTE #4.
9. NEW STANDBY GENERATOR IN WEATHERPROOF, SOUND ATTENUATED ENCLOSURE. SEE INFORMATION ON DIAGRAM.

GENERAL NOTES - PANELBOARD AND SINGLE-LINE DIAGRAM:

A. PROVIDE PANELBOARDS WITH TYPE WRITTEN SCHEDULES AND AS-BUILT DRAWINGS PER ACTUAL INSTALLATION.

B. FOR ALL PANELBOARD FEEDER SIZES REFER TO SAME PANELBOARD SCHEDULES, ON E300 SERIES DRAWINGS, IF NOT NOTED HERE.

C. ALL EQUIPMENT FEEDER SIZES INDICATED ON PANEL SCHEDULE, UON, OR PROVIDE PER NEC TO MATCH NAMEPLATE AND CORRESPONDING OVERCURRENT PROTECTION DEVICE.

D. REFER TO POWER PLAN(S) FOR DISTRIBUTION EQUIPMENT 'BASIS OF DESIGN' PHYSICAL SIZES AND LAYOUTS. CONTRACTOR SHALL PROVIDE AND INSTALL DISTRIBUTION EQUIPMENT TO MEET REQUIREMENTS OF ALL LOCAL, STATE, NATIONAL CODES AND AUTHORITY HAVING JURISDICTION. COORDINATE WITH EXISTING CONDITIONS, ALL NEW WORK, ACTUAL ROOM SIZE, ALL TRADES AND DISTRIBUTION EQUIPMENT SUPPLIER.

E. VERIFY EXACT A.I.C. RATING FOR ALL DISTRIBUTION EQUIPMENT WITH ACTUAL SITE AND EQUIPMENT CHARACTERISTICS OF AVAILABLE FAULT CURRENT PER LOCAL UTILITY AND PROPER SHORT CIRCUIT CALCULATIONS PER MANUFACTURER CALCULATION. SIZES INDICATED ARE A MINIMAL DESIGN SIZE BASED ON INFORMATION PROVIDED AT TIME OF DESIGN. CONTRACTOR TO VERIFY.

F. PROVIDE COMPLETE ARC-FLASH STUDY AND COMPLIANT LABELING OF ALL ELECTRICAL GEAR/PANELBOARDS/EQUIPMENT REQUIRED PER CEC 2022 110.16

G. ALL NEW BRANCH PANELBOARDS SHALL BE EATON POW-R-LINE PXBCM TYPE OR APPROVED EQUAL WITH BRANCH CIRCUIT MICROPROCESSOR-BASED MONITORING SYSTEM (PXBCM) FOR DISAGGREGATION OF ELECTRICAL CIRCUITS TO MEET CALIFORNIA TITLE 24 REQUIREMENTS (TABLE 130.5-B).

ELECTRICAL SINGLE-LINE DIAGRAM

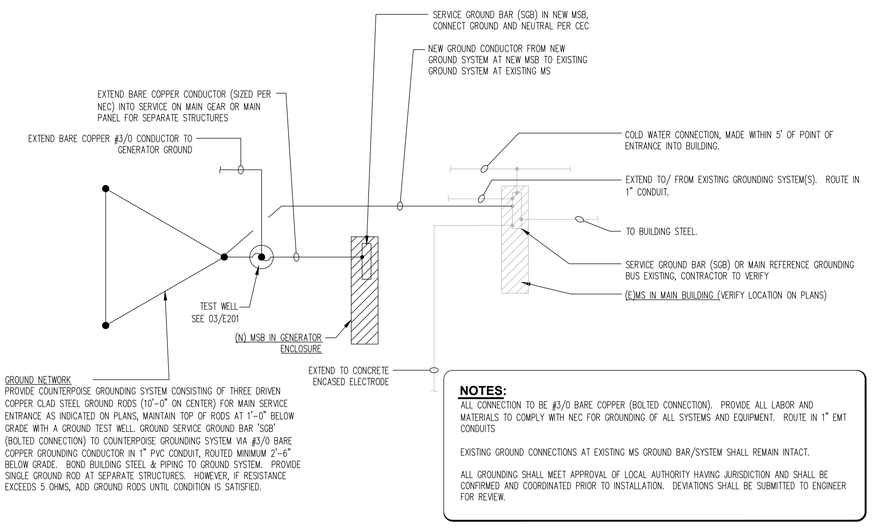
SCALE: NONE

01

FEEDER TABLE

IDEN	AMPS	SETS	75°C Cond Sz Phase	60°C Cond Sz Phase	250.122 ECG	CONDUIT SIZE
(20)	20	1	12	12	12	3/4"
(25)	25	1	10	10	10	3/4"
(30)	30	1	10	10	10	3/4"
(35)	35	1	10	8	10	3/4"
(40)	40	1	8	8	10	3/4"
(45)	45	1	8	6	10	3/4"
(50)	50	1	8	6	10	3/4"
(60)	60	1	6	4	10	1-1/4"
(65)	65	1	6	4	8	1-1/4"
(70)	70	1	4	4	8	1-1/4"
(80)	80	1	4	2	8	1-1/4"
(90)	90	1	3	2	8	1-1/4"
(100)	100	1	3	1	8	1-1/4"
(110)	110	1	2	1	6	1-1/4"
(125)	125	1	1	*	6	1-1/2"
(150)	150	1	1/0	*	6	1-1/2"
(175)	175	1	2/0	*	6	2"
(200)	200	1	3/0	*	6	2"
(225)	225	1	4/0	*	4	2"
(250)	250	1	250	*	4	2-1/2"
(300)	300	1	350	*	4	2-1/2"
(400)	400	2	3/0	*	3	3"
(400*)	400*	1	500	*	3	3"
(450)	450	2	4/0	*	2	2"
(500)	500	2	250	*	2	2-1/2"
(600)	600	2	350	*	1	3"
(700)	700	2	500	*	1/0	3-1/2"
(800)	800	3	350	*	1/0	3-1/2"

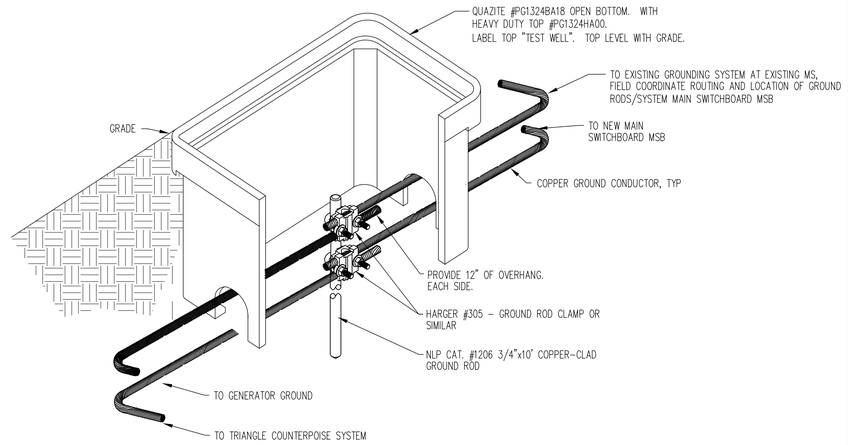
NOTES:
1. QUANTITY OF PHASE CONDUCTORS SHALL BE (2) FOR 2-POLE CIRCUITS AND (3) FOR 3-POLE CIRCUITS (PER "SET" OF CONDUCTORS)
2. A NEUTRAL OF SAME SIZE AS PHASE CONDUCTORS IS REQUIRED FOR 3Ø, 4W CIRCUITS
3. TABLE FOR CIRCUITS NOT INCLUDING VOLTAGE DROP, SEE VD TABLE ON EJ301 FOR ADJUSTMENTS. CONTRACTOR SHALL ADJUST CONDUIT SIZE APPROPRIATELY FOR CONDUCTOR SIZES.
4. FOR EQUIPMENT WITH 60° OR NO MARKINGS, THE 60° COLUMN SHALL BE USED.



GROUND NETWORK DETAIL

SCALE: NONE

02



GROUND INSPECTION WELL (TEST WELL)

SCALE: NONE

03

CITY OF TRACY

TRACY Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER KEITH A. PHARIS No. 17740 Exp. 3/31/26 ELECTRICAL STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com
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PHARIS ENGINEERING PLLC

SYMBOL	DATE	DESCRIPTION	APPROVED
1	10-15-24	REVIEW COMMENTS - REV 1	
2	10-15-25	REVIEW COMMENTS - REV 2	

PREVIOUS ISSUANCES

DESIGNED BY: COT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
ELECTRICAL DIAGRAM AND DETAILS
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

E201

SHEET 19 OF 20

P1

NEMA 1	BOLT-ON BREAKERS	3 PHASE / 4 WIRE	BRANCH PANELBOARD
SURFACE MOUNTED	22,000 AIC	208Y/120 VOLT	100 AMP BUS
			100A MLO

CKT	DESCRIPTION	BKR	LF	A	B	C	LF	BKR	DESCRIPTION	CKT
1	SPARE	20/1						20/1	SPARE	20/1
3	SPARE	20/1						20/1	SPARE	20/1
5	SPARE	20/1						20/1	SPARE	20/1
7	SPARE	20/1						20/1	SPARE	20/1
9	SPARE	20/1						20/1	SPARE	20/1
11	SPARE	20/1						20/1	SPARE	20/1
13	SPARE	20/1						20/1	SPACE	20/1
15	SPARE	20/1						20/1	SPACE	16
17	SPARE	20/1						20/1	SPACE	18
19	SPACE	20/1						20/1	SPACE	20
21	SPACE	20/1						20/1	SPACE	22
23	SPACE	20/1						20/1	SPACE	24
25	SPACE	20/1						20/1	SPACE	26
27	SPACE	20/1						20/1	SPACE	28
29	SPACE	20/1						20/1	SPACE	30
31	SPACE	20/1						20/1	SPACE	32
33	SPACE	20/1						20/1	SPACE	34
35	SPACE	20/1						20/1	SPACE	36
37	SPACE	20/1						20/1	SPACE	38
39	SPACE	20/1						20/1	SPACE	40
41	SPACE	20/1				0	0	20/1	SPACE	42
				0	0	0				

CONNECTED	0	VA	0	AMPS	
DEMAND	0	VA	0	AMPS	
LF = LOAD FACTOR		C = CONTINUOUS, L = LIGHTING, R = RECEPTACLE, H = HACR (PER NAMEPLATE)			
		S = SUB FEED, K = KITCHEN, N = NON-CONTINUOUS, U = USER			

NOTES:

1	SEE SINGLE-LINE FOR FEEDER SIZE

PG

NEMA 3R	BOLT-ON BREAKERS	3 PHASE / 4 WIRE	BRANCH PANELBOARD
SURFACE MOUNTED	22,000 AIC	208Y/120 VOLT	100 AMP BUS
			100A MLO

CKT	DESCRIPTION	BKR	LF	A	B	C	LF	BKR	DESCRIPTION	CKT
1	BATTERY CHARGER	20/1	N	1920	150		L	20/1	LIGHTING	2
3	BLOCK HEATER	20/2	N		1666	360	R	20/1	RECEPTACLE	4
5	*	-	H			1666		20/1	SPARE	6
7	ALTERNATOR STRIP HTR	20/1	H	1920				20/1	SPARE	8
9	SPARE	20/1						20/1	SPARE	10
11	SPARE	20/1						20/1	SPARE	12
13	SPARE	20/1							SPACE	14
15	SPARE	20/1							SPACE	16
17	SPARE	20/1							SPACE	18
19	SPACE								SPACE	20
21	SPACE								SPACE	22
23	SPACE								SPACE	24
25	SPACE								SPACE	26
27	SPACE								SPACE	28
29	SPACE								SPACE	30
31	SPACE								SPACE	32
33	SPACE								SPACE	34
35	SPACE								SPACE	36
37	SPACE								SPACE	38
39	SPACE								SPACE	40
41	SPACE					0	0		SPACE	42
				3990	2026	1666				

CONNECTED	7532	VA	21	AMPS	
DEMAND	7807	VA	22	AMPS	
LF = LOAD FACTOR		C = CONTINUOUS, L = LIGHTING, R = RECEPTACLE, H = HACR (PER NAMEPLATE)			
		S = SUB FEED, K = KITCHEN, N = NON-CONTINUOUS, U = USER			

NOTES:

1	SEE SINGLE-LINE FOR FEEDER SIZE

CITY OF TRACY

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Think Inside the Triangle

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ELECTRICAL
STATE OF CALIFORNIA

KPA ENGINEERS ARCHITECTS
THE KPA GROUP
1840 FOURTH STREET, SUITE 200
LIVERMORE, CALIFORNIA 94550
TEL 925.223.8217 www.thekpagroup.com

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PHARIS ENGINEERING PLLC

SYMBOL	DATE	DESCRIPTION	APPROVED
1	12-12-25	REVIEW COMMENTS - REV 1	
2	12-12-25	REVIEW COMMENTS - REV 2	

DESIGNED BY: CDT / KPA
DRAWN BY: THE KPA GROUP
CHECKED BY: PWP
SCALE: AS SHOWN
DATE: APRIL 27, 2026

PERMIT #: COM24-0353
ELECTRICAL PANEL SCHEDULES
TRANSIT STATION EMERGENCY BACKUP GENERATOR
50 E. 6th St., Tracy, CA 95376
C.I.P. No. 77592

E202