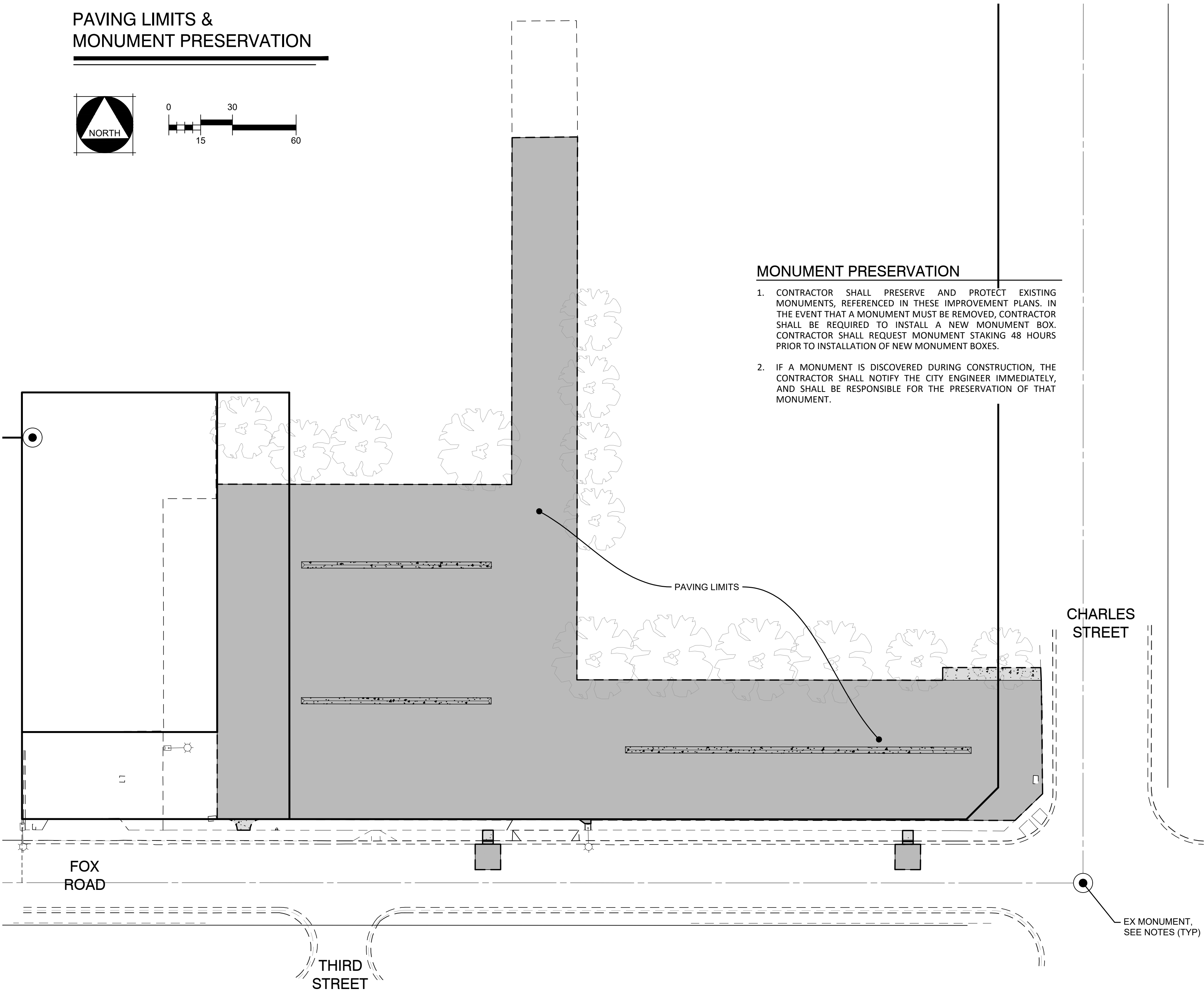
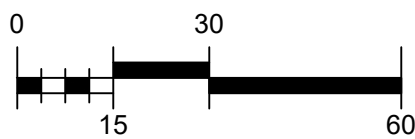
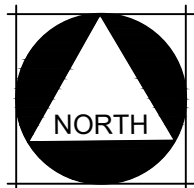


IMPROVEMENT PLANS FOR:  
**LEBRIGHT FIELDS PARKING LOT**  
CITY OF HUGHSON, CALIFORNIA

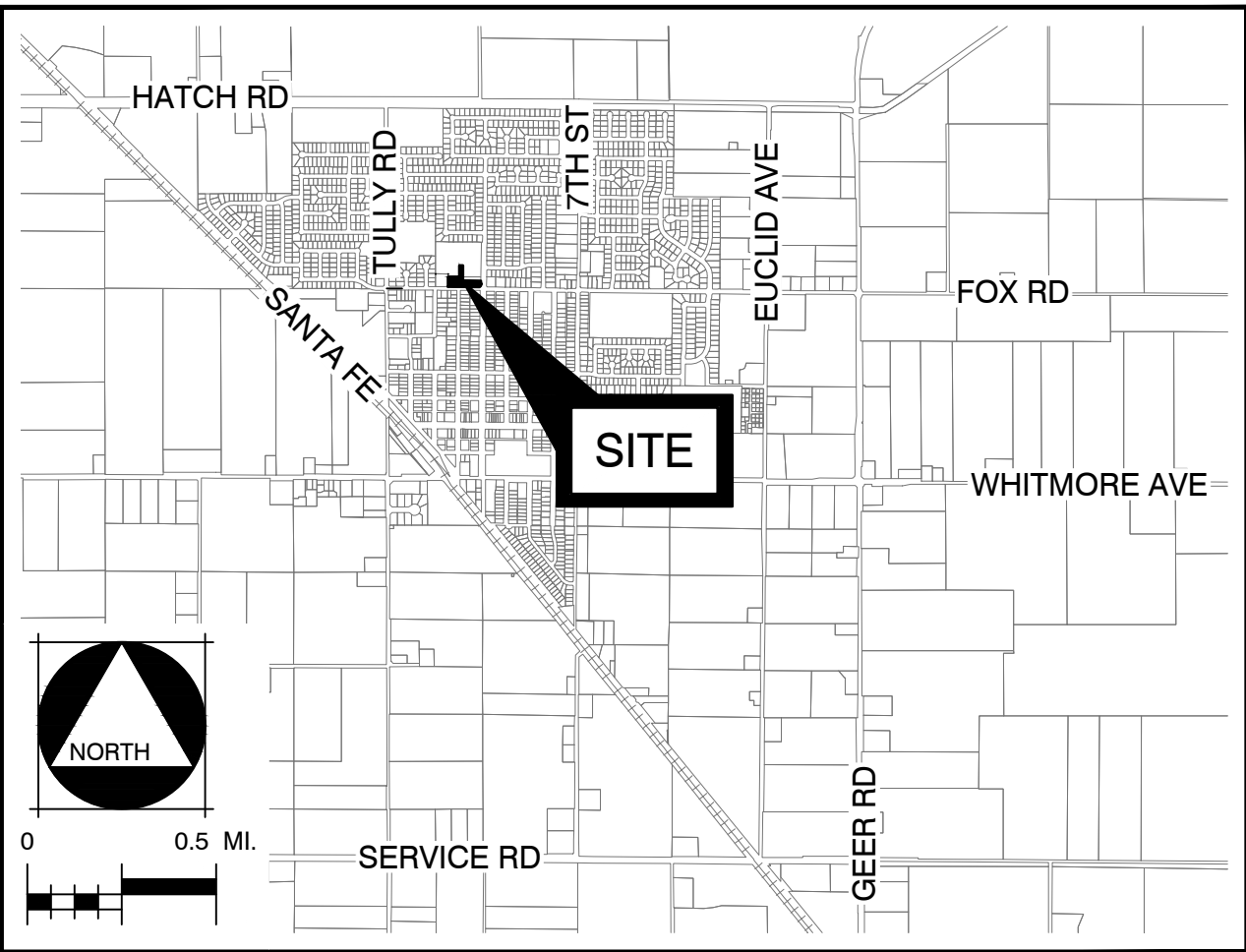
PAVING LIMITS &  
MONUMENT PRESERVATION



**MONUMENT PRESERVATION**

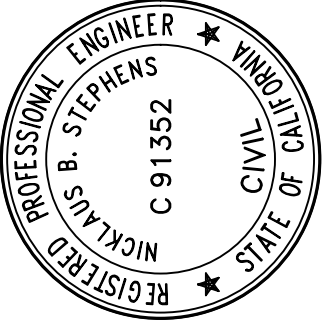

1. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING MONUMENTS, REFERENCED IN THESE IMPROVEMENT PLANS. IN THE EVENT THAT A MONUMENT MUST BE REMOVED, CONTRACTOR SHALL BE REQUIRED TO INSTALL A NEW MONUMENT BOX. CONTRACTOR SHALL REQUEST MONUMENT STAKING 48 HOURS PRIOR TO INSTALLATION OF NEW MONUMENT BOXES.
2. IF A MONUMENT IS DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER IMMEDIATELY, AND SHALL BE RESPONSIBLE FOR THE PRESERVATION OF THAT MONUMENT.

VICINITY MAP



SHEET INDEX

#	SHEET TITLE
1	COVER SHEET
2	GENERAL NOTES & DETAILS
3	TOPOGRAPHY & DEMOLITION PLAN
4	GRADING PLAN
5	EROSION CONTROL PLAN



MCR ENGINEERING, INC.  
1242 DUPONT COURT  
MANTECA, CA 95336  
TEL : (209) 239-6229 FAX : (209) 239-8839  
PREPARED UNDER THE DIRECTION OF:

JOB NO. 23-C03  
DATE 5/25/23  
SCALE AS SHOWN  
DR. BY JNS  
CK. BY RM  
FILE: HUGHSON-PUBLIC

PLAN REVISIONS

NO.	DESCRIPTIONS	DATE
1		
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COVER SHEET  
**LEBRIGHT FIELDS  
PARKING LOT**

HUGHSON,  
CALIFORNIA

SHEET  
**1**  
OF 5 SHEETS



GENERAL NOTES:

1.

ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING CITY OF HUGHSON STANDARD SPECIFICATIONS, AND ALL AMENDMENTS TO DATE, CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CALTRANS, LATEST EDITION), WHERE APPLICABLE. ALL WORK SHALL BE UNDER THE INSPECTION OF THE RESPECTIVE ENTITY.
2.

IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES WHICH MAY EXIST IN THE PLANS AND SPECIFICATIONS. IF THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
3.

CONSTRUCTION STAKING FOR GRADING, CURB, GUTTER, SIDEWALK, SANITARY SEWER, STORM DRAIN AND WATER SHALL BE DONE UNDER THE DIRECTION OF M.C.R. ENGINEERING. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SEVENTY-TWO (72) HOURS IN ADVANCE OF THIS NEED FOR STAKING. ANY STAKING REQUESTED BY THE CONTRACTOR OR HIS SUBCONTRACTORS THAT IS ABOVE AND BEYOND NORMAL STAKING NEEDS, WILL BE SUBJECT TO AN EXTRA BACK CHARGE TO THE CONTRACTOR.
4.

THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSE FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE. ALL CENTERLINE AND/OR SURVEY MONUMENTS SHALL BE PRESERVED OR RESET AT THE END OF CONSTRUCTION.
5.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
6.

UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTERLINE OF THE STREET. ALL STATIONS OFF CENTER ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTERLINE STATIONS, UNLESS OTHERWISE NOTED.
7.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
8.

THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MAN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT ISSUE OF "MANUAL OF TRAFFIC CONTROLS, WARNING SIGNS, LIGHTS AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAY" PUBLISHED BY THE STATE OF CALIFORNIA BUSINESS AND TRANSPORTATION AGENCY.
9.

THE OFFICE OF THE CITY ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY WORK.
10.

P. G. & E., TELEPHONE AND CABLE TV UNDERGROUND WORK SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE CURB, GUTTER, SIDEWALK AND PAVING.
11.

THE CITY OF HUGHSON AND ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED ON THESE IMPROVEMENT PLANS AND A 24 HOUR NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
12.

THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF HUGHSON, DEPARTMENT OF PUBLIC WORKS OR ANY OTHER APPLICABLE AGENCIES PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING CITY RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
13.

STREET SIGNS, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS ESTABLISHED BY THE ENGINEER.
14.

ASPHALT CONCRETE SHALL BE PLACED ONLY WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50°F.
15.

CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
16.

RURAL DRIVEWAY IMPACTED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL STATE.
17.

DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE CITY OF HUGHSON STANDARD SPECIFICATIONS, THUS: (I.E. DWG. ST-18).
18.

PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER PRIOR TO ANY EXCAVATION. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
19.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT OF EXISTING IMPROVEMENTS.
20.

WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED AFTER PROPER BACKFIRING, WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING. THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER, OR CALTRANS, WHERE APPLICABLE.
21.

PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON THE PLANS REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INDICATED IN THE CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
22.

EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES 5 FEET OF MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS, CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
- F23.

WE CALL YOUR ATTENTION TO TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD, PURSUANT TO THE CALIFORNIA OCCUPATIONS SAFETY AND HEALTH ACT OF 1973 AS AMENDED WHICH STATES: (1) PRIOR TO OPENING AN EXCAVATION EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS; I.E. SEWER, WATER, FUEL, ELECTRICAL LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND, WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.
24.

ALL TRENCHES ON MAJOR AND COLLECTOR STREETS AND CROSS TRENCHES ON ALL STREETS SHALL BE PAVED WITH TEMPORARY PAVING THE SAME DAY THE PAVEMENT CUT IS MADE.

WATER NOTES:

1.

ALL WATER CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF HUGHSON STANDARD SPECIFICATIONS AND PLANS.
2.

THE CONTRACTOR SHALL EXPOSE EXISTING WATER LINES TO VERIFY EXISTING ELEVATION AND LOCATION PRIOR TO START OF CONSTRUCTION.
3.

ALL WATER LINES SHALL BE TESTED AND DISINFECTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE CITY OF HUGHSON AND THE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS, SECTION C-651. WATER LINE TESTING SHALL INCLUDE:

HYDROSTATIC PRESSURE TESTING PER CITY OF HUGHSON STANDARD SPECIFICATION 99-1.14 AND BACTERIOLOGICAL TESTING PER CITY OF HUGHSON STANDARD SPECIFICATION 99-1.15 AND AWWA C651.

AFTER FINAL FLUSHING AND BEFORE THE NEW WATER MAIN IS CONNECTED TO THE DISTRIBUTION SYSTEM, TWO CONSECUTIVE SETS OF ACCEPTABLE SAMPLES, TAKEN 24 HOURS APART, SHALL BE COLLECTED FROM THE NEW MAIN. SAMPLES SHALL BE COLLECTED AT SITES AS DIRECTED BY CITY. (AT LEAST ONE SET OF SAMPLES SHALL BE COLLECTED EVERY 1200 FEET OF THE NEW WATER MAIN, PLUS ONE SET FROM EACH END OF THE LINE AND AT LEAST ONE SET FROM EACH BRANCH). ALL SAMPLES SHALL BE TESTED FOR BACTERIOLOGICAL QUALITY, AND SHALL SHOW THE ABSENCE OF COLOFORM ORGANISMS. A STANDARD HETEROTROPHIC PLATE COUNT MAY BE REQUIRED AT THE OPTION OF THE CITY ENGINEER.

SAMPLES SHALL BE TAKEN FROM WATER THAT HAS STOOD IN THE NEW MAIN FOR AT LEAST 16 HOURS AFTER FINAL FLUSHING HAS BEEN COMPLETED.

IF THE INITIAL DISINFECTION FAILS TO PRODUCE SATISFACTORY BACTERIOLOGICAL SAMPLES, THE MAIN SHALL BE REFUSHED AND RESAMPLED DAILY FROM THE SAME POINT(S) UNTIL TWO CONSECUTIVE SAMPLES ARE NEGATIVE FOR COLOFORM ORGANISMS.

THE CITY OF HUGHSON SHALL PAY FOR THE INITIAL BACTERIOLOGICAL TESTS. THE CONTRACTOR SHALL PAY FOR ALL TESTING NECESSITATED BY FAILURE OF THE INITIAL TEST(S). IF TRENCH WATER HAS ENTERED THE NEW MAIN DURING CONSTRUCTION OR, IF IN THE OPINION OF THE CITY OF HUGHSON, EXCESSIVE QUANTITIES OF DIRT OR DEBRIS HAVE ENTERED THE NEW MAIN, BACTERIOLOGICAL SAMPLES SHALL BE TAKEN AT INTERVALS OF APPROXIMATELY 200 FEET AND SHALL BE IDENTIFIED BY LOCATION. THE CONTRACTOR SHALL INSTALL ADDITIONAL WATER SERVICE TAPS AND SAMPLING STATIONS AS REQUIRED. THE CONTRACTOR SHALL ALSO REMOVE SAMPLING STATIONS AND SERVICES UPON SATISFACTORY COMPLETION OF TESTING. THE CONTRACTOR SHALL PAY FOR TESTING OF THE CONTAMINATED AREAS.

CONTRACT PRICE SHALL INCLUDE FULL COMPENSATION FOR FURNISHING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND INCIDENTALS, AND FOR DOING ALL OF THE WORK INVOLVED IN TESTING AND DISINFECT ION OF THE WATER MAINS.

4.

CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
5.

WATER LINES SHALL BE A MINIMUM OF 10 FEET OUTSIDE OF PIPE TO OUTSIDE OF PIPE FROM SEWER MAINS. CROSSINGS SHALL MEET STATE HEALTH STANDARDS.
6.

ALL VALVE BOXES TO BE ADJUSTED TO FINISH GRADE AFTER STREET PAVING. COST FOR RAISING FACILITIES TO BE INCLUDED IN UNIT PRICES FOR VALVES. ALL VALVE BOXES SHALL BE REPLACED WITH NEW, PROVIDED BY THE CONTRACTOR.
7.

THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5' OR MORE. SAID PROTECTION TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF HUGHSON DEPARTMENT OF PUBLIC WORKS, AND STATE REGULATIONS.
8.

ALL CONNECTIONS TO EXISTING CITY FACILITIES SHALL BE MADE IN THE PRESENCE OF THE CITY ENGINEER, OR HIS APPOINTED REPRESENTATIVE.
9.

ALL MATERIALS THAT WILL COME IN CONTACT WITH POTABLE WATER SHALL COMPLY WITH NSF 61.
10.

ALL PIPE PENETRATIONS THROUGH CONCRETE FLOORS SHALL INCLUDE A SLEEVE WITH A MINIMUM ONE INCH (1") ANNULAR SPACE (SPACING) BETWEEN THE OUTER DIAMETER OF THE PROPOSED PIPE AND INNER DIAMETER OF THE SLEEVE. THE SPACING SHALL BE FILLED WITH AN APPROVED EPOXY OR FLEXIBLE GROUT, PROVIDE OVERLAPPING #5 REBAR, MINIMUM 4' LENGTHS, DIAGONAL STEEL REINFORCING AROUND ALL CONCRETE FLOOR OPENINGS.
11.

ALL SECTIONS OF UNDERGROUND WATER PIPE 10" DIAMETER AND LARGER LOCATED WITHIN TREATMENT AND WELL SITE MUST BE MECHANICALLY RESTRAINED. CONCRETE ENCASEMENT OF BURIED PIPE, WHERE SPECIFIED, SHALL BE LEAN CONCRETE (2,000 PSI). NOTE: PUMP CAN ENCASEMENT SHALL BE 4,000 PSI CONCRETE.
12.

CONTRACTOR SHALL USE MECHANICAL PIPE RESTRAINTS FOR ALL LARGE DIAMETER PIPES PER THE FOLLOWING TABLE:

25.

APPROPRIATE DUST CONTROL SHALL BE PROVIDED, AT THE CONTRACTOR'S EXPENSE TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF HUGHSON.
26.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, PRIOR TO FINAL ACCEPTANCE, AS-BUILT DRAWINGS OF ALL IMPROVEMENTS REPRESENTED BY THE PROJECT PLANS AND SPECIFICATIONS.
27.

AFTER CONSTRUCTION OF ALL IMPROVEMENTS, THE ENGINEER SHALL SUBMIT ONE SET OF REPRODUCIBLE PLANS, FINAL INVERT ELEVATIONS FOR SEWER AND STORM DRAIN LINES THAT ARE TO BE EXTENDED FOR FUTURE CONSTRUCTION SHALL ALSO BE SHOWN ON THE "AS-BUILT" PLANS ALL AS PROVIDED TO THE ENGINEER BY THE CONTRACTOR.
28.

THE CONTRACTOR SHALL NOTIFY M.C.R. ENGINEERING AT LEAST 48 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH THE CITY OF HUGHSON STANDARD SPECIFICATIONS.
29.

REGULATING DISCHARGES OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM SOIL DISTURBANCES OF ONE (1) ACRE OR MORE, A NOTICE OF INTENT (NOI) TO COMPLY WITH THE TERMS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE FILED AND APPROPRIATE FEE PAID PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, AT THE CONCLUSION OF THE PROJECT A NOTICE OF TERMINATION MUST ALSO BE FILED, SUBMIT THE FEE, A NOTICE OF INTENT, AND NOTICE OF TERMINATION TO THE STATE RESOURCES CONTROL BOARD AT THE FOLLOWING ADDRESS:
- STATE WATER RESOURCES CONTROL BOARD  
P.O. BOX 100  
SACRAMENTO, CA 95812-0100  
ATTN: STORM WATER PERMITTING SECTION
- IF YOU HAVE ANY QUESTIONS CALL WATER QUALITY CONTROL ENGINEER, CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, CENTRAL VALLEY REGION AT (916) 464-3291.
30.

THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD (SWCRB) ORDER NO. 2009-0009-DWQ. THE CONTRACTOR SHALL IMPLEMENT AND MONITOR A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH THE SWCRB REGULATIONS.
31.

BENCHMARK: XX  
ELEVATION: XXX  
DESCRIPTION: XXXX
32.

CONTRACTOR SHALL COMPLY WITH BUSINESS AND PROFESSIONS CODE, SECTION 8771 (b) REGARDING REFERENCING, PRESERVING, AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT THE MONUMENTS ARE SHOWN ON THE PLANS.

GRADING NOTES:

1.

EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF HUGHSON STANDARDS, THE SOILS REPORT BY XXXXXX AND F.H.A. STANDARDS. ALL FILL AREAS SHALL BE TESTED AS REQUIRED BY THE CITY OF HUGHSON AND SHALL BE PAID FOR BY THE CONTRACTOR.
2.

THE CITY SHALL BE RESPONSIBLE FOR COST OF INITIAL TEST FOR MOISTURE DENSITY CURVE. IF THE FIRST TEST FAILS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF ALL SUBSEQUENT CURVES AND TESTS.
3.

THE CONTRACTOR SHALL REVIEW SITE PRIOR TO BIDDING. ALL VEGETATION AND DELETERIOUS MATERIALS, INCLUDING ROOTS (SEE SOILS REPORT) SHALL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
4.

THE CONTRACTOR SHALL PRESERVE ALL STAKES AND POINTS SET FOR LINES, GRADES OR MEASUREMENT OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZED TO REMOVE THEM BY THE ENGINEER. ALL EXPENSES INCURRED IN REPLACING STAKES THAT HAVE BEEN REMOVED WITHOUT PROPER AUTHORITY SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.

POLLUTION AND DUST CONTROL:

1.

THE CONTRACTOR SHALL KEEP THE WORK SITE FREE AND CLEAR OF RUBBISH AND DEBRIS.
2.

THE CONTRACTOR SHALL EXERCISE CARE TO PRESERVE AND PROTECT NATURAL HABITAT ADJACENT TO THE PROJECT SITE.
3.

THE CONTRACTOR SHALL NOT DISCHARGE SMOKE, DUST, OR ANY OTHER AIR CONTAMINANTS INTO THE ATMOSPHERE IN SUCH A QUANTITY AS WILL VIOLATE THE REGULATIONS OF ANY LEGALLY CONSTITUTED AUTHORITY.
4.

THE CONTRACTOR SHALL KEEP ALL AREAS GENERATING DUST WITHIN THE LIMITS OF THE PROJECT WELL WATERED DURING THE TERM OF THIS CONTRACT. THIS INCLUDES BUT IS NOT LIMITED TO ACCESS RAMPS, THE HAUL ROADS, THE EMBANKMENT FILL AREA AND ANY OTHER AREAS THAT MAY GENERATE DUST AS A RESULT OF CONTRACTOR'S OPERATIONS. THE CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES DURING EVENINGS, WEEKENDS, AND HOLIDAYS WHEN REQUESTED BY THE DISTRICT AT NO ADDITIONAL COST TO THE DISTRICT.
5.

THE CONTRACTOR(S) SHALL KEEP ALL PUBLIC ROADWAYS ADJACENT TO THE PROJECT SITE FREE AND CLEAR OF MUD AND SILT DURING THE TERM OF THIS CONTRACT. THIS INCLUDES MUD CAUSED BY RAIN OR BY THE CONTRACTOR(S) WATERING PROCEDURES FOR DUST CONTROL.
6.

THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, AND UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE PREMISES OCCUPIED BY HIM IN A CLEAN AND ORDERLY CONDITION, DISPOSING OF REFUSE AND LITTER IN A MANNER SATISFACTORY TO THE CITY OF HUGHSON.

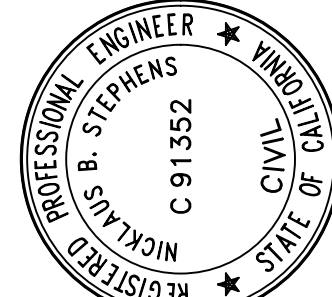
MITIGATION MONITORING AND REPORTING PROGRAM:

- 4.3-1:

COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SJVAPCD REGULATION VIII (FUGITIVE DUST PROHIBITIONS).
- 4.3-2:

THE PROJECT APPLICANTS SHALL INCORPORATE FEASIBLE EMISSION CONTROL MEASURES INTO THE PROJECT DESIGN AND OPERATION AS DETERMINED APPROPRIATE BY THE CITY. SUCH MEASURES MAY INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING ITEMS AS RECOMMENDED IN THE SJVAPCD GUIDE FOR ASSESSING AND MITIGATING AIR QUALITY IMPACTS (SJVAPCD 2002) AND OTHER SOURCES.
- 4.3-3:

IMPLEMENT MEASURES TO REDUCE EXPOSURE OF SENSITIVE RECEPTORS TO TAC EMISSIONS.



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www.mcr-engineering.com

PREPARED UNDER THE DIRECTION OF:

NICOLAUS B. STEPHENS  
R.C.E. C91352  
EXP. 5-30-24

DATE

PLAN REVISIONS		DATE	
NO.	DESCRIPTIONS	DATE	
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4			
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JOB NO. 23-003	DATE 5/25/23
SCALE AS SHOWN	DR. BY JNS
CK. BY RM	FILE: HUGHSON-PUBLIC

GENERAL NOTES & DETAILS

LEBRIGHT FIELDS  
PARKING LOT

SHEET

2

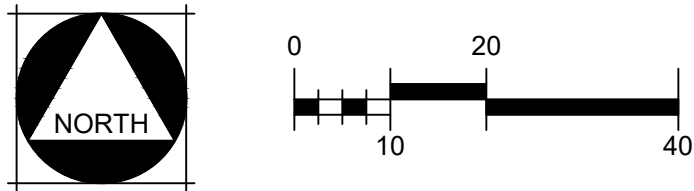
OF 5 SHEETS

CALIFORNIA

HUGHSON,

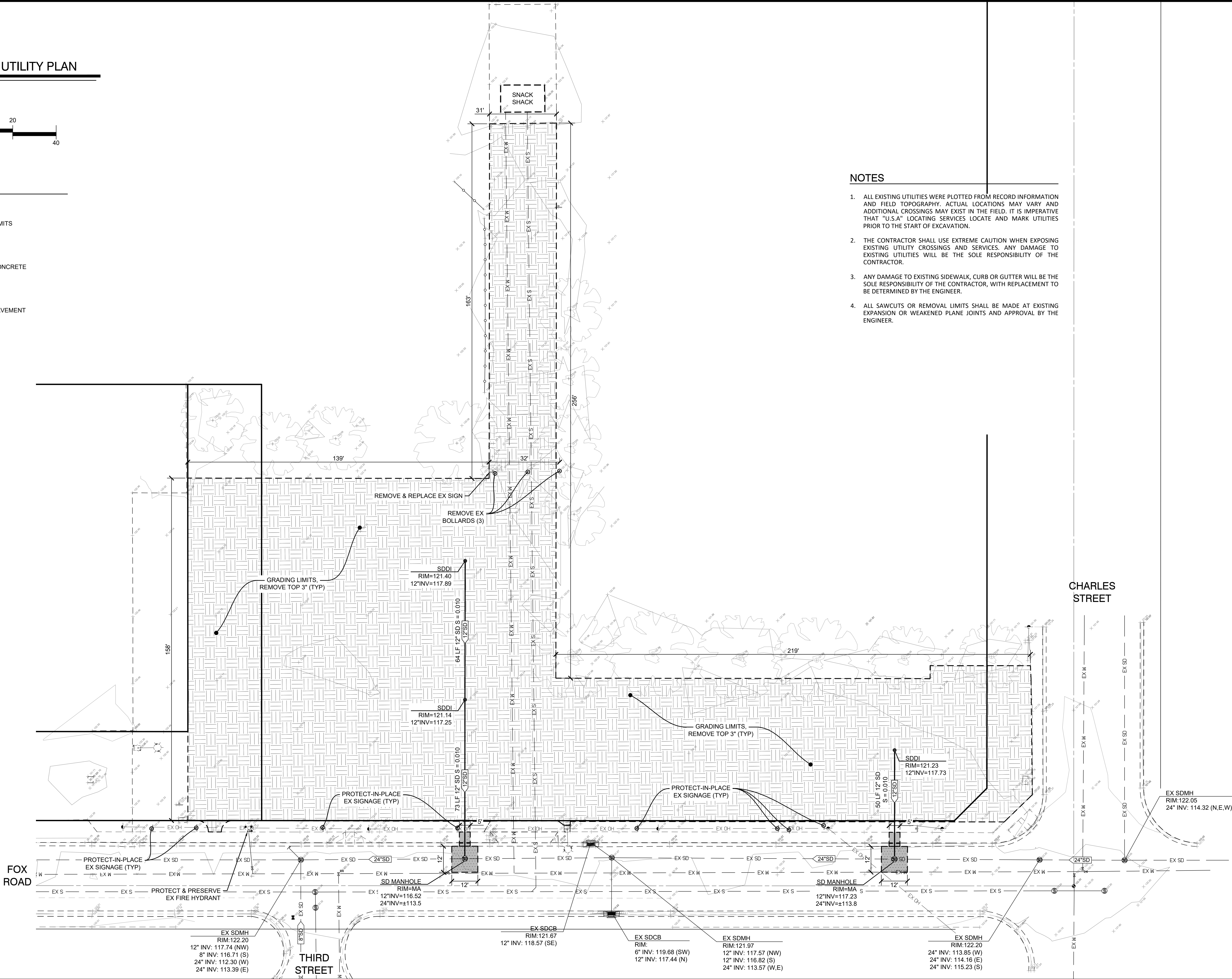


TOPOGRAPHY & UTILITY PLAN



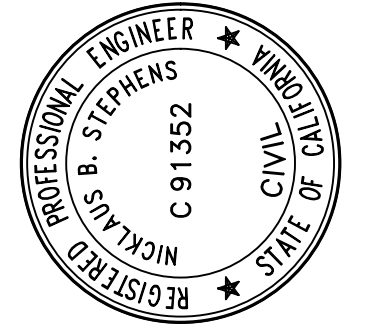
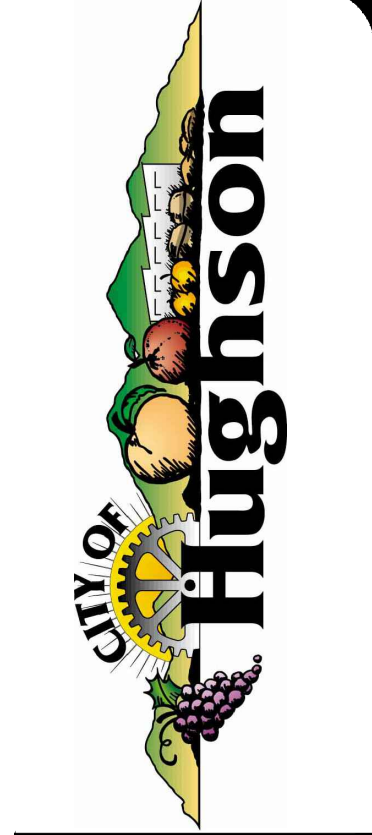
LEGEND

- GRADING LIMITS
- DEMO EX CONCRETE
- DEMO EX PAVEMENT



NOTES

- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A." LOCATING SERVICES LOCATE AND MARK UTILITIES PRIOR TO THE START OF EXCAVATION.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES. ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ANY DAMAGE TO EXISTING SIDEWALK, CURB OR GUTTER WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, WITH REPLACEMENT TO BE DETERMINED BY THE ENGINEER.
- ALL SAWCUTS OR REMOVAL LIMITS SHALL BE MADE AT EXISTING EXPANSION OR WEAKENED PLANE JOINTS AND APPROVAL BY THE ENGINEER.



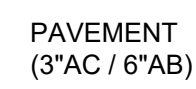
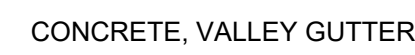
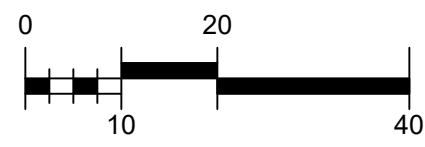
MCR ENGINEERING, INC.  
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**mcr ENGINEERING**  
NICHOLAUS B. STEPHENS R.C.E. C01352 EXP. 5-30-24

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NO.	DESCRIPTIONS	DATE
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6		

JOB NO. 23-003  
DATE 5/25/23  
SCALE AS SHOWN  
DR BY NBS  
CK BY RM  
FILE: HUGHSON-PUBLIC



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1. ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A" LOCATING SERVICES LOCATE AND MARK UTILITIES PRIOR TO THE START OF EXCAVATION.
2. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES. ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. ANY DAMAGE TO EXISTING SIDEWALK, CURB OR GUTTER WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, WITH REPLACEMENT TO BE DETERMINED BY THE ENGINEER.
4. ALL SAWCUTS OR REMOVAL LIMITS SHALL BE MADE AT EXISTING EXPANSION OR WEAKENED PLANE JOINTS AND APPROVAL BY THE ENGINEER.
5. THE CONTRACTOR SHALL ADJUST EXISTING MANHOLE RIMS, WATER VALVES, AND MONUMENT BOXES TO FINISH GRADE.
6. ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



THIRD  
STREET

CHARLES  
STREET

PLAN REVISIONS		
NO.	DESCRIPTIONS	DATE
1		
2		
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8		

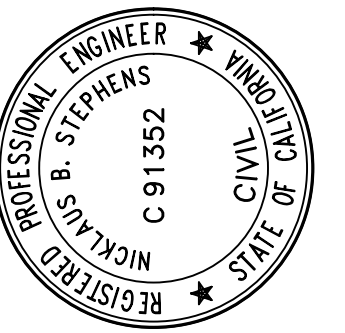
JOB NO. 23-C03  
 DATE 5/25/23  
 SCALE AS SHOWN  
 DR. BY NBS  
 CK. BY RM  
 FILE:  
HUGHSON/1-PUBLIC

CALIFORNIA

GRADING PLAN

HUGHSON,

SHEET  
4  
OF 5 SHEETS



**mcr**  
ENGINEERING  
www.mcr-eng.com

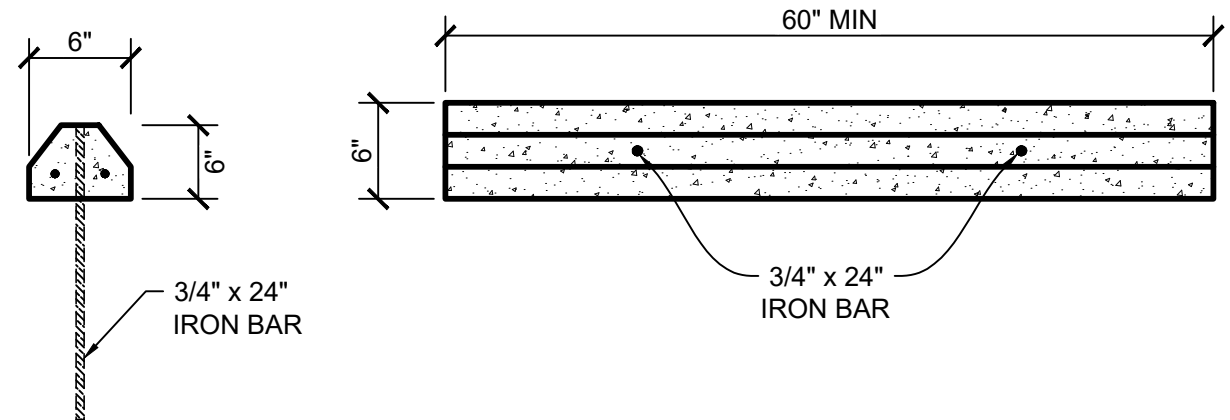
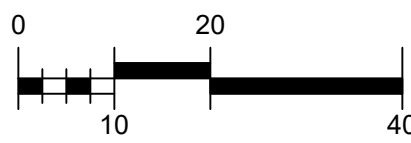
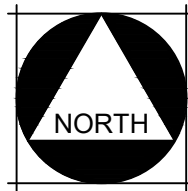
MCR ENGINEERING, INC.  
1242 DUPONT COURT  
MANATECA, CA 95336  
TEL : (209) 239-6229  
FAX : (209) 239-8839

PREPARED UNDER THE DIRECTION OF :

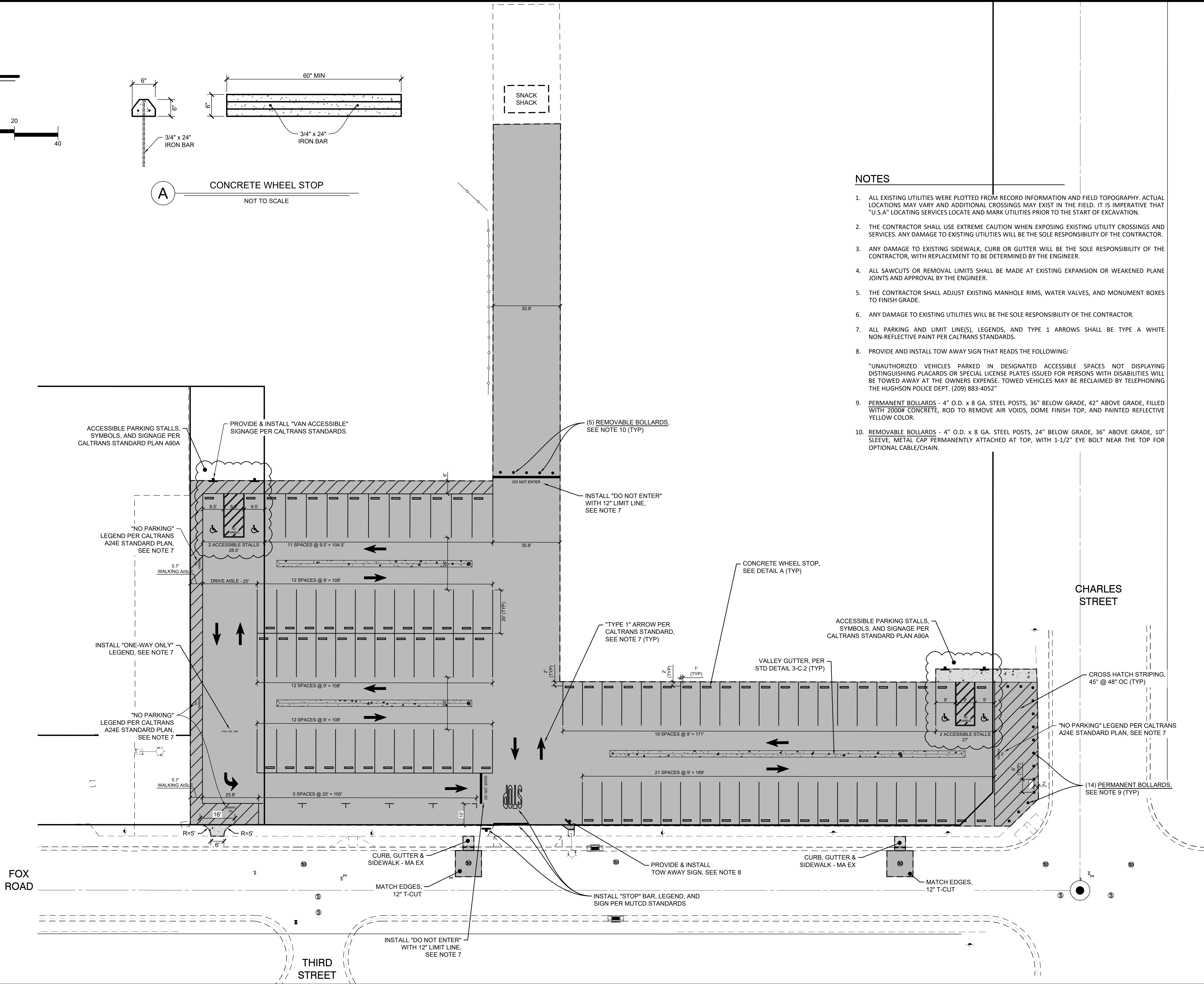
NICKLAUS B. STEPHENS R.C.E. C01382 EXP. 9-30-24

DATE

STRIPING PLAN

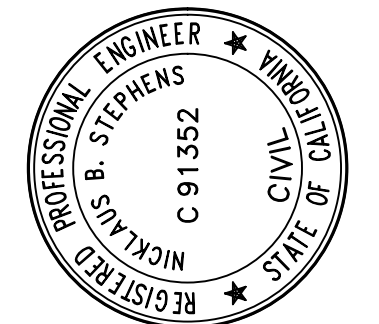


A CONCRETE WHEEL STOP  
NOT TO SCALE



NOTES

- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A" LOCATING SERVICES LOCATE AND MARK UTILITIES PRIOR TO THE START OF EXCAVATION.
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- THE CONTRACTOR SHALL ADJUST EXISTING MANHOLE RIMS, WATER VALVES, AND MONUMENT BOXES TO FINISH GRADE.
- ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL PARKING AND LIMIT LINE(S), LEGENDS, AND TYPE 1 ARROWS SHALL BE TYPE A WHITE NON-REFLECTIVE PAINT PER CALTRANS STANDARDS.
- PROVIDE AND INSTALL TOW AWAY SIGN THAT READS THE FOLLOWING:  
  
"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNERS EXPENSE. TOWED VEHICLES MAY BE RECLAIMED BY TELEPHONING THE HUGHSON POLICE DEPT. (209) 883-4052"
- PERMANENT BOLLARDS - 4" O.D. x 8 GA. STEEL POSTS, 36" BELOW GRADE, 42" ABOVE GRADE, FILLED WITH 2000# CONCRETE, ROD TO REMOVE AIR VOIDS, DOME FINISH TOP, AND PAINTED REFLECTIVE YELLOW COLOR.
- REMOVABLE BOLLARDS - 4" O.D. x 8 GA. STEEL POSTS, 24" BELOW GRADE, 36" ABOVE GRADE, 10" SLEEVE, METAL CAP PERMANENTLY ATTACHED AT TOP, WITH 1-1/2" EYE BOLT NEAR THE TOP FOR OPTIONAL CABLE/CHAIN.



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DR. BY JNS  
CK. BY RM  
FILE: HUGHSON-PUBLIC

CALIFORNIA

STRIPING PLAN  
LEBRIGHT FIELDS  
PARKING LOT

HUGHSON,

SHEET  
5  
OF 5 SHEETS