GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, ALL CONDITIONS OF APPROVAL RELATED TO THIS PROJECT, AND TO THE LATEST EDITION OF THE CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS.

2. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY OF FOLSOM HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

3. THE CONTRACTOR SHALL CONTACT THE CITY OF FOLSOM CONSTRUCTION INSPECTION REQUEST LINE AT 916-461-6230 48 HOURS PRIOR TO THE START OF WORK TO ARRANGE A PRECONSTRUCTION FIELD MEETING. NO GRADING OR CONSTRUCTION MAY BE DONE PRIOR TO THE MEETING. IF THE PROJECT IS LOCATED WITHIN THE SOUTH OF HWY 50 PROJECT AREA, CONTACT KELLEY BUTCHER AT PINNACLE PROJECT MANAGEMENT (916) 826-5176.

4. THE CITY OF FOLSOM IS A MEMBER OF THE UNDERGROUND SERVICES ALERT (USA) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY USA TWO (2) WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811 OR 800-642-2444. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS.

5. IF ANY ARCHEOLOGICAL, CULTURAL, OR HISTORICAL RESOURCES, ARTIFACTS OR FEATURES ARE DISCOVERED DURING THE COURSE OF CONSTRUCTION ANYWHERE ON THE PROJECT SITE, WORK SHALL BE SUSPENDED WITHIN 150 FEET OF THAT LOCATION UNTIL A QUALIFIED PROFESSIONAL ARCHEOLOGIST ASSESSES THE SIGNIFICANCE OF THE DISCOVERY AND PROVIDES CONSULTATION WITH THE FOLSOM HISTORICAL SOCIETY AND THE COMMUNITY DEVELOPMENT DEPARTMENT. THE CITY OF FOLSOM COMMUNITY DEVELOPMENT AND THE FOLSOM HISTORICAL SOCIETY SHALL BE NOTIFIED AND ANY APPROPRIATE MEASURES AGREED UPON PRIOR TO THE RECOMMENCEMENT OF CONSTRUCTION IN THE AREA IN QUESTION.

6. COMPLIANCE WITH NOISE RESTRICTIONS SHALL BE REQUIRED. HOURS OF CONSTRUCTION OPERATION SHALL BE LIMITED TO THE PERIOD FROM 7:00 A.M. TO 6:00 P.M. WEEKDAYS AND 8:00 A.M. TO 5:00 P.M. SATURDAYS. SUNDAY WORK IS NOT PERMITTED. CONSTRUCTION EQUIPMENT SHALL BE MUFFLED AND SHROUDED TO MINIMIZE NOISE LEVELS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

7. NO REFUELING, LUBRICATION, OR MAINTENANCE OF CONSTRUCTION VEHICLES SHALL BE DONE ANYWHERE ON THE SITE EXCEPT WITHIN APPROVED CONSTRUCTION STAGING AREAS. STAGING AREAS SHALL BE SET UP TO THE SATISFACTION OF THE CONSTRUCTION INSPECTOR AND THE FIRE DEPARTMENT.
8. PRIOR TO THE COMMENCEMENT OF GRADING OPERATIONS, TREES TO BE PRESERVED SHALL BE FENCED IN ACCORDANCE WITH SECTION 12.01 OF THE STANDARD CONSTRUCTION SPECIFICATIONS. FIELD PLACEMENT OF FENCING SHALL BE REVIEWED AND APPROVED BY THE CITY ARBORIST PRIOR TO THE COMMENCEMENT OF GRADING OPERATIONS. NO TRENCHING, EXCAVATION, AND/OR ENCROACHMENT SHALL OCCUR BENEATH THE DRIP LINE OF ANY OAK TREE TO BE PRESERVED UNLESS APPROVED BY THE CITY ARBORIST.

9. MANHOLES LOCATED OUTSIDE OF PAVED AREAS SHOULD BE INSTALLED ABOVE FINISH GRADE, PER THE LATEST EDITION OF THE CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS, AND SHALL BE LOCATED IN THE CENTER OF A 10-FOOT DIAMETER LEVEL PAD (2% MAX. SLOPE) TO ACCOMMODATE ACCESS BY TRIPOD.

10. THE ACCESS PORTS FOR STORM WATER INTERCEPTOR BOXES SHALL MEET THE REQUIREMENTS OF STANDARD DRAWING SD-28, PARTICULARLY AS IT PERTAINS TO THE 18-INCH MAXIMUM DEPTH OF THE 24-INCH GRADE RINGS.

11. THE CONTRACTOR SHALL LEAVE A MINIMUM OF 12 INCHES OF MANHOLE WALL UNDISTURBED BETWEEN SCORINGS FOR PIPE TIE-INS. IF THIS CANNOT BE ACCOMPLISHED, A LARGER MANHOLE SHALL BE USED.

12. AC PAVEMENT OVERLAYS SHALL BE KEYED INTO EXISTING PAVEMENT AND TO THE LIP OF GUTTER AT A BUTT JOINT CREATED BY GRINDING 1-1/2 INCHES OF THE EXISTING PAVEMENT.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL BROKEN AND/OR HAZARDOUS PUBLIC SIDEWALK OR CURB & GUTTER WITHIN THE PROJECT SITE AND ALONG THE SITE FRONTAGE, INCLUDING PREEXISTING CONDITIONS, TO THE SATISFACTION OF THE CONSTRUCTION INSPECTOR.


15. IT IS KNOWN THAT THIS PROJECT INCLUDES JOINT UTILITY INSTALLATION WHICH IS NOT A PART OF THESE PLANS. ALL TRENCH BACKFILL AND ANY PAVEMENT REPLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD CONSTRUCTION SPECIFICATIONS. ANY WORK PERFORMED BY THE CONTRACTOR AND THE UTILITY COMPANY WITHIN EXISTING PUBLIC RIGHTS-OF-WAY AND EASEMENTS WILL REQUIRE AN ENCROACHMENT PERMIT FROM THE CITY.

16. PRIOR TO THE COMMENCEMENT OF ANY WORK SHOWN ON THESE PLANS LOCATED WITHIN EXISTING PUBLIC RIGHTS-OF-WAY OR EASEMENTS, THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT. TO OBTAIN THE PERMIT, THE CONTRACTOR WILL BE REQUIRED TO POST A PERFORMANCE BOND FOR THE WORK IN THE PUBLIC RIGHT-OF-WAY OR EASEMENT AND PROVIDE PROOF OF INSURANCE NAMING THE CITY OF FOLSOM AS ADDITIONALLY INSURED.

17. SECURITY MEASURES FOR THE SAFETY OF ALL CONSTRUCTION EQUIPMENT AND UNIT APPLIANCES SHALL BE EMPLOYED.

18. THE CONTRACTOR SHALL COORDINATE THROUGH THE CONSTRUCTION INSPECTOR WITH THE CITY OF FOLSOM LIGHTING AND LANDSCAPING DISTRICT (LLD) MANAGER FOR THE REMOVAL, RELOCATION, AND/OR REPLACEMENT OF ALL EXISTING PLANT MATERIAL IMPACTED BY CONSTRUCTION, WHICH IS MAINTAINED BY THE LIGHTING AND LANDSCAPING DISTRICT, AND FOR ANY SHUTDOWNS OF EXISTING IRRIGATION SYSTEMS.

A. UNLESS OTHERWISE AGREED TO IN WRITING, REPLACEMENT PLANTS SHALL BE OF THE SAME TYPE AND OF COMPARABLE SIZE TO THOSE REMOVED.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING IRRIGATION SYSTEM DURING CONSTRUCTION, INCLUDING REPAIRS OF ANY CONSTRUCTION DAMAGE.

C. THE CONTRACTOR SHALL GIVE A MINIMUM OF 48 HOURS NOTICE OF INTENT TO SHUT DOWN THE EXISTING IRRIGATION SYSTEM TO THE LLD MANAGER.
D. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY PLANT MATERIAL WHICH IS DAMAGED BY CONSTRUCTION ACTIVITY, WHETHER DIRECTLY OR AS A RESULT OF INSUFFICIENT WATER OR SIMILAR CAUSES.

E. THE CONTRACTOR SHALL EXERCISE GREAT CARE WHEN CUTTING INTO EXISTING IRRIGATION MAINLINES TO PREVENT THE INTRODUCTION OF DIRT OR OTHER FOREIGN MATERIALS INTO THE PIPE WHICH MAY CLOG EXISTING HEADS OR OTHERWISE DAMAGE THE SYSTEM.

F. PRIOR TO FINAL ACCEPTANCE OF THE IMPROVEMENTS SHOWN ON THESE PLANS, THE LANDSCAPING AND IRRIGATION SHALL BE RESTORED TO THE CITY'S SATISFACTION.

GRADING NOTES:

1. ALL GRADING SHALL CONFORM TO SECTION 1803 OF THE CALIFORNIA BUILDING CODE, LATEST EDITION, AND TO THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT REFERENCE NO. __________________, PROVIDED BY: ____________________________, AND DATED ________________.

2. LOTS SHALL BE GRADED WITH A SLOPE ALONG THE FRONTAGE OF THE RIGHT-OF-WAY, FROM THE BUILDING SETBACK LINE TO BACK OF SIDEWALK. ALL TEMPORARY AND PERMANENT SLOPES STEEPER THAN 4:1 ALONG THIS FRONTAGE SHALL HAVE EROSION CONTROLS INSTALLED.

3. WATER SHALL BE SPRAYED ON ALL EXPOSED EARTH SURFACES DURING CLEARING, EARTH MOVING, AND OTHER SITE GRADING ACTIVITIES. THE EXPOSED EARTH MATERIAL SHALL BE WATERED THROUGHOUT THE DAY TO MINIMIZE DUST.

4. TARPAULINS OR OTHER EFFECTIVE COVERS SHALL BE USED ON ALL STOCKPILES OF EARTH MATERIAL AND HAUL TRUCKS TO MINIMIZE DUST.

5. THE CITY SHALL HAVE THE AUTHORITY TO STOP ALL GRADING OPERATIONS, IF IN OPINION OF THE CITY STAFF, INADEQUATE DUST CONTROL MEASURES ARE BEING PRACTICED OR EXCESSIVE WIND CONDITIONS CONTRIBUTE TO EXCESSIVE DUST EMISSIONS.

6. STREET FRONTAGES SHALL BE SWEPT TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES.

7. SHOULD GRADING OPERATIONS UNCOVER HAZARDOUS MATERIALS, OR WHAT APPEARS TO BE HAZARDOUS MATERIAL, THE CITY OF FOLSOM FIRE DEPARTMENT SHALL BE CONTACTED IMMEDIATELY AT (916) 984-2280.

8. THE CONTRACTOR IS EXPECTED TO COMPLY WITH THE REGULATIONS OF THE SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

9. PAD GRADES THAT ARE ON THE PLAN AND PROFILE SHEETS ARE FOR CITY OF FOLSOM REFERENCE ONLY AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS.

NATURALLY OCCURRING ASBESTOS GRADING NOTES:

AREAS OF ONE ACRE OR LESS MEETING THE CRITERIA IN SUBSECTIONS (B) (1) OR (B) (2) SHALL COMPLY WITH THE FOLLOWING:

1. CONSTRUCTION VEHICLE SPEED AT THE WORK SITE MUST BE LIMITED TO FIFTEEN (15) MILES PER HOUR OR LESS.

2. PRIOR TO ANY GROUND DISTURBANCE, SUFFICIENT WATER MUST BE APPLIED TO THE AREA TO BE DISTRIBUTED TO PREVENT VISIBLE EMISSIONS FROM CROSSING THE PROPERTY LINE.

3. AREAS TO BE GRADED OR EXCAVATED MUST BE KEPT ADEQUATELY WETTED TO PREVENT VISIBLE EMISSIONS FROM CROSSING THE PROPERTY LINE.
4. STORAGE PILES MUST BE KEPT ADEQUATELY WETTED, TREATED WITH A CHEMICAL DUST SUPPRESSANT, OR COVERED WHEN MATERIAL IS NOT BEING ADDED TO OR REMOVED FROM THE PILE.

5. EQUIPMENT MUST BE WASHED DOWN BEFORE MOVING FROM THE PROPERTY ONTO A PAVED PUBLIC ROAD.

6. VISIBLE TRACK-OUT ON THE PAVED PUBLIC ROAD MUST BE CLEANED USING WET SWEEPING OR A HEPA FILTER EQUIPPED VACUUM DEVICE WITHIN TWENTY-FOUR (24) HOURS.

AREAS GREATER THAN ONE ACRE MEETING THE CRITERIA IN SUBSECTION (B) (1) OR (B) (2) SHALL COMPLY WITH THE ABOVE PLUS THE FOLLOWING:

7. PRIOR TO THE START OF ANY CONSTRUCTION OR GRADING ACTIVITY AN ASBESTOS DUST MITIGATION PLAN FOR OPERATIONS HAS BEEN APPROVED BY THE CITY AND A COPY IS AVAILABLE AT THE PROJECT SITE.

8. THE PROVISIONS OF THE DUST MITIGATION PLAN ARE IMPLEMENTED AT THE BEGINNING AND MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION OR GRADING ACTIVITY.

9. STORM WATER POLLUTION PREVENTION PLAN MEASURES SHALL GOVERN IF NOTES ARE IN CONFLICT.

UTILITY NOTES:

1. SEWER TRENCH SHALL BE IN ACCORDANCE WITH STD DETAIL SS-15 AND BACKFILLED WITH 3/4" CL2 AB.

2. ALL 48" SEWER MANHOLES WITH 24" SEWER MANHOLE FRAME AND LIDS SHALL BE GMI COMPOSITE PER STD DETAIL SS-06, AND HAVE THE TITUS TWIST LIFT COMPOSITE ACCESS COVER LOCKING MECHANISM. ALL 60" SEWER MANHOLES WITH 36" SEWER MANHOLE FRAME AND COVER SHALL BE CAST IRON.

3. ALL SEWER PIPE SHALL BE PVC SDR-26 FOR GRAVITY (COLORED GREEN) AND DIP OR C900 PVC FOR FORCEMAIN.

4. ALL STORM DRAIN PIPE SHALL BE RCP CLASS III PIPE UNLESS NOTED OTHERWISE.

5. STORM DRAIN DESIGN IS IN ACCORDANCE WITH THE APPROVED DRAINAGE REPORT TITLED "__________________________________________".

6. ALL GOL DRAIN INLETS ARE "ON GRADE" UNLESS NOTED OTHERWISE.

ACCEPTANCE TESTS-SANITARY SEWERS

1. REQUIREMENTS - ALL LEAKAGE TESTS SHALL BE PERFORMED PER THE CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS SECTION 6: SANITARY SEWER SYSTEM CONSTRUCTION, SECTION 6.14 – SANITARY SEWER SYSTEM TESTING.

2. MANHOLE VACUUM TEST - ALL SEWER MANHOLES SHALL PASS A VACUUM TEST. SEWER MANHOLE TESTING SHALL BE PERFORMED PER THE CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS SECTION 6: SANITARY SEWER SYSTEM CONSTRUCTION, SECTION 6.14.7 – SANITARY SEWER SYSTEM TESTING; TESTING OF MAHOLES.

3. CLEANING AND FLUSHING - CLEANING AND FLUSHING SHALL BE PERFORMED PER THE CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS SECTION 6: SANITARY SEWER SYSTEM CONSTRUCTION, SECTION 6.14.8 – SANITARY SEWER SYSTEM TESTING; CLEANING.

4. PVC DEFLECTION TEST - A DEFLECTION TEST SHALL BE PERFORMED PER THE CITY OF FOLSOM STANDARD CONSTRUCTION SPECIFICATIONS SECTION 6: SANITARY SEWER SYSTEM CONSTRUCTION, SECTION 6.14.5.F – SANITARY SEWER SYSTEM TESTING; MANDREL TEST OF SEWERS.

A. THE COMPLETE JOB IS READY FOR TELEVISION INSPECTION WHEN THE FOLLOWING WORK HAS BEEN COMPLETED:
   1. ALL SEWER MAIN CONNECTIONS HAVE BEEN MADE BY THE CONTRACTOR IN THE PRESENCE OF A CONSTRUCTION INSPECTOR.
   2. ALL SEWER PIPELINES ARE INSTALLED AND BACKFILLED.
   3. ALL STRUCTURES ARE IN PLACE; ALL CHANNELIZING IS COMPLETE AND PIPELINES ARE ACCESSIBLE FROM STRUCTURES.
   4. ALL OTHER UNDERGROUND FACILITIES, UTILITY PIPELINES AND CONDUITS ARE INSTALLED.
   5. FINAL STREET SUBGRADE AND/OR TRENCH BACKFILL IS COMPLETE AND READY FOR ASPHALTIC CONCRETE PAVING.
   6. PIPELINES TO BE INSPECTED HAVE BEEN PRELIMINARY BALLED AND FLUSHED OR CLEANED WITH A HIGH-PRESSURE CLEANER.
   7. FINAL AIR TEST HAS BEEN COMPLETED AND APPROVED.

B. WHEN THE ABOVE WORK IS COMPLETE, THE CONTRACTOR SHALL ARRANGE FOR THE TELEVISION INSPECTION.

C. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING AS TO THE SCHEDULED DATE OF THE TELEVISION INSPECTION.

D. AFTER CONDITIONS 1 THROUGH 7 AS OUTLINED ABOVE ARE MET, THE ENTIRE JOB WILL BE INITIALLY TELEVISIONED AND RECORDED. WATER SHALL BE INTRODUCED INTO THE PIPELINE AS APPROVED BY THE ENGINEER.

E. THE AUDIO AND VIDEO PORTIONS OF THE DVD WILL BE FREE OF ELECTRICAL INTERFERENCE AND EXCESSIVE BACKGROUND NOISE.


G. IN ADDITION TO THE AUDIO REPORT, A WRITTEN REPORT SHALL BE REQUIRED LISTING ALL THE INFORMATION REQUIRED IN THE AUDIO REPORT.

H. THE CONTRACTOR WILL BE NOTIFIED IN WRITING BY THE ENGINEER OF ANY DEFICIENCIES REVEALED BY THE TELEVISION INSPECTION THAT WILL REQUIRE REPAIR. IF CORRECTIVE WORK IS INDICATED AND THE CONTRACTOR WISHES TO VIEW VIDEOTAPES, HE SHALL CONTACT THE ENGINEER TO SET A TIME FOR VIEWING WITH THE ENGINEER.

I. CORRECTIVE WORK SHALL BE BY THE CONTRACTOR AT HIS EXPENSE.

J. THOSE PORTIONS OF THE PIPELINE SYSTEM THAT HAVE BEEN CORRECTED SHALL BE RE-TELEVISIONED AND VIDEOTAPED AND THE TAPES AND REPORTS DELIVERED TO THE ENGINEER.

K. THE PROCEDURE OUTLINED IN CONDITIONS “A” THROUGH “G” ABOVE WILL BE REPEATED UNTIL ALL DEFICIENCIES OBSERVED BY TELEVISION INSPECTION HAVE BEEN CORRECTED TO THE COMPLETE SATISFACTION OF THE ENGINEER.

L. THE TAPES AND REPORTS SHALL BE DELIVERED TO THE CITY OF FOLSOM WASTEWATER DIVISION AFTER COMPLETION OF THE TELEVISION INSPECTION. ALL RECORDINGS AND REPORTS SHALL BECOME THE PROPERTY OF THE CITY.

M. A FINAL VISUAL INSPECTION WILL BE MADE BY THE ENGINEER TO ENSURE THAT THERE IS NO GROUND WATER INTRUSION INTO THE SANITARY SEWER SYSTEM. IF GROUND WATER INTRUSION IS DISCOVERED BY THE ENGINEER, CORRECTIVE WORK SHALL BE PERFORMED BY THE CONTRACTOR AT HIS EXPENSE. A SECOND SEWER LATERAL TV
INSPECTION SHALL OCCUR WHEN THE PLUMBER CONNECTS THE HOUSE PLUMBING TO THE SEWER LATERAL IN THE PRESENCE OF A CONSTRUCTION INSPECTOR.

WATER NOTES:

1. ALL FIRE HYDRANTS SHALL BE CLOW 960, OR APPROVED EQUIVALENT MEETING THE REQUIREMENTS OF AWWA STANDARD C503. FIRE HYDRANTS SHALL BE PAINTED "SAFETY YELLOW" (UNLESS LOCATED IN THE SAN JUAN SUBURBAN WATER DISTRICT SERVICE AREA.) THE TOP TWO INCHES OF THE HYDRANT AND THE 4-1/2" CAP SHALL BE PAINTED THE APPROPRIATE COLOR IN ACCORDANCE WITH TABLE 1 ON WR-08 DETERMINED BY FIRE FLOW TESTS CONDUCTED BY THE CITY.

2. FOR EACH FIRE HYDRANT, A BLUE TWO-WAY REFLECTIVE MARKER SHALL BE PLACED ON STREET PAVEMENT 6 INCHES OFF STREET CENTERLINE ON HYDRANT SIDE.

3. VALVES ON THE FIRE PROTECTION BACKFLOW DEVICE SHALL BE OS&Y TYPE AS SHOWN ON STD. DWG. WR-9.

4. WATERLINE VALVES SHALL BE BOLTED DIRECTLY TO THE TEE.

5. CONNECTIONS TO EXISTING MAINS SHALL BE EITHER BY CUT-IN OR HOT TAP. HOT TAP SHALL BE AS SPECIFIED IN THE CITY OF FOLSOM WATER DESIGN STANDARDS SECTION 16.4.P – INSTALLATION OF “TIE-IN” CONNECTIONS AND ONLY WITH PRIOR WRITTEN APPROVAL FROM THE CITY. TAPPING SLEEVES SHALL BE STAINLESS STEEL WITH A STAINLESS-STEEL FLANGE AND STAINLESS-STEEL BOLTS, COMPLYING WITH AWWA C207, WITH A FULL CIRCUMFERENTIAL SEAL. THE ENGINEER PRIOR TO INSTALLATION MUST APPROVE ALL TAPPING SLEEVES.

6. PIPE RESTRAINT SHALL BE IN ACCORDANCE WITH THE CITY’S DESIGN AND CONSTRUCTION SPECIFICATIONS.

7. DEPTH OF BURY TO THE TOP OF ALL MAINS: MINIMUM 36 INCHES IN STREETS AND DRIVEWAYS, AND MINIMUM 30 INCHES IN LANDSCAPED AREAS UNLESS SPECIFICALLY STATED ON THESE PLANS.

8. THE CONTRACTOR SHALL PROVIDE POSITIVE ISOLATION OF THE PROPOSED MAIN FROM THE EXISTING MAIN, AS APPROVED BY THE CITY, DURING CONSTRUCTION, TESTING, CHLORINATION, AND FINAL-CONNECTION PROCEDURES, AS SPECIFIED IN AWWA C651, EXCEPT PRIVATE ON-SITE FIRE MAINS DO NOT REQUIRE DISINFECTION.

9. BACKFLOW PREVENTION ASSEMBLIES FOR PUBLICLY OWNED SERVICES SHALL BE PROTECTED BY A STRONG BOX, LE MEUR, OR APPROVED EQUIVALENT VANDAL-RESISTANT ENCLOSURE OF ADEQUATE SIZE TO PROVIDE A MINIMUM OF 6 INCHES OF CLEARANCE TO ALL PARTS OF THE ASSEMBLY.

10. A SOLID NO. 10 INSULATED COPPER LOCATING WIRE SHALL BE PLACED WITH ALL PIPES FOR WATER DISTRIBUTION MAINS REGARDLESS OF TYPE OF PIPE MATERIAL. TAPE WITH 10MIL TAPE EVERY 5 FEET.

11. METHOD OF WATER APPURTENANCE (VALVE, BOX, RISER, ETC.) ABANDONMENT SHALL BE IDENTIFIED ON THE PLANS AND FIELD VERIFIED BY WATER QUALITY DEPARTMENT STAFF.

12. ALL WATER SERVICE TAPS TO EXISTING WATER MAINS TO BE INSTALLED BY THE CONTRACTOR SHALL BE MADE WHILE KEEPING THE EXISTING WATER MAIN IN SERVICE AND UNDER PRESSURE. SHUTDOWN OF THE EXISTING WATER MAIN TO FACILITATE THE INSTALLATION OF WATER SERVICE TAPS SHALL NOT BE PERMITTED.

13. ALL VALVES, FITTINGS, ETC., SHALL BE DIP, MJ & MEGA LUGGED AND SHALL BE POLYETHYLENE ENCASED PER SECTION 4 OF THE CITY OF FOLSOM STANDARD SPECIFICATIONS.

14. ALL FIRE HYDRANT LEADS AND APPURTENANCES SHALL BE 6" MINIMUM IN ACCORDANCE WITH STANDARD DETAIL WR-08.

15. WELD ZONE NAMES (Z3, Z4) ON G5 BOX FRAMES. FOR BUTTERFLY AND GATE VALVES, COLOR CODE WATER VALVE NUT FOR EACH ZONE. CITY SHALL APPROVE ALTERNATE METHODS OF LABELING WATER ZONES.

17. REQUIREMENTS FOR TESTING, STERILIZATION AND DISINFECTION, AND CONNECTION SHALL BE IN ACCORDANCE WITH CITY STANDARD CONSTRUCTION SPECIFICATIONS SECTION 4.14.

18. ALL RESIDENTIAL DOMESTIC WATER SERVICES (PER STANDARD DETAIL WR-01) SHALL BE 5' FROM PROPERTY LINE UNLESS NOTED OTHERWISE. CURB SHALL BE STAMPED WITH A "W".

**FIRE NOTES (PRIVATE ON-SITE):**

1. ALL FIRE MAINS SHALL BE PRESSURE TESTED TO 200 PSI FOR 2 HOURS WITH OPEN TRENCHES AND CENTER-LOADED PIPE WITH ALL FITTINGS AND THRUST BLOCKS EXPOSED FOR THE FIRE INSPECTOR.

2. ALL FIRE HYDRANTS AND FIRE SPRINKLER RISERS SHALL BE FLUSHED FOR THE FIRE INSPECTOR.

3. ALL UNDERGROUND FIRE MAINS (PRIVATELY OWNED) THAT CAN BE PRESSURIZED BY FIRE DEPARTMENT APPARATUS (DOWNSTREAM OF FDC'S) SHALL BE PVC C900 CLASS 200 OR OTHER UL/FM APPROVED EQUIVALENT PIPE.

4. THE FIRE SPRINKLER SERVICES SHALL TERMINATE 6 TO 24 INCHES ABOVE THE FINISHED FLOOR ELEVATION AT THE FIRE SPRINKLER RISER LOCATIONS IN THE FIRE CONTROL ROOMS. PROVIDE MINIMUM CLEARANCES OF 12 INCHES FROM THE FIRE SPRINKLER RISERS TO ANY ADJACENT WALLS.

5. PROVIDE SLEEVES FOR THE FIRE SPRINKLER MAINS AT CONCRETE SLAB PENETRATIONS WITH A MINIMUM CLEARANCE OF 2 INCHES AROUND THE PIPES.

6. ALL CONTROL VALVES ON THE FIRE MAIN SYSTEM (INCLUDING THE VALVES ON THE BACKFLOW PREVENTERS) SHALL HAVE TAMPERSWITCHES THAT ARE MONITORED BY AN APPROVED CENTRAL STATION. PROVIDE THE ENTIRE NECESSARY UNDERGROUND CONDUIT.

7. PROVIDE A MINIMUM 2-FT. BY 2-FT. FLAT CONCRETE SURFACE AROUND EACH FIRE HYDRANT LOCATED IN A LANDSCAPED AREA.

8. FIRE HYDRANTS, FDC'S, AND PIV'S SHALL BE PLACED AT LEAST 2- FEET BACK OF CURBS.

9. PERMANENT SIGNAGE (MINIMUM 5” X 7” 18-GAUGE METAL WITH CONTRASTING NUMBERS) SHALL BE PROVIDED FOR THE PIV’S AND FDC’S TO INDICATE WHAT BUILDINGS ARE CONTROLLED.

10. 2019 CFC SECTION 503.3 MARKING OF FIRE APPARATUS ACCESS ROADS: ALL REQUIRED FIRE LANES MUST BE IDENTIFIED WITH PAINTED AND STENCILED CURBS AND FIRE LANE SIGNS IN ACCORDANCE WITH THE CALIFORNIA VEHICLE CODE. ALL CURBS SHALL BE PAINTED RED WITH THE WORDS “NO PARKING FIRE LANE” STENCILED IN WHITE EVERY 50 FEET ON THE FACE OF THE CURBS USING 4-INCH LETTERS. FIRE LANE SIGNS SHALL STATE “NO PARKING - FIRE LANE - C.V.C. 22500”. THE SIGNS SHALL BE LOCATED AT EACH ENTRANCE.

11. ALL-WEATHER EMERGENCY ACCESS ROADS AND FIRE HYDRANTS (TESTED AND FLUSHED) SHALL BE PROVIDED BEFORE COMBUSTIBLE MATERIAL OR VERTICAL CONSTRUCTION IS ALLOWED ON SITE. ALL-WEATHER ACCESS IS DEFINED AS 6” OF COMPACTED AB FROM MAY 1 TO SEPTEMBER 30 AND 2”AC OVER 6” AB FROM OCTOBER 1 TO APRIL 30.

12. THE UNDERGROUND CONTRACTOR SHALL SUBMIT TO THE FIRE INSPECTOR A RECORD-OF-COMPLETION FORM IN ACCORDANCE WITH NFPA 24, AFTER THE ENTIRE FIRE UNDERGROUND SYSTEM HAS BEEN INSPECTED AND TESTED TO MEET THE MINIMUM SITE REQUIREMENTS.
CONSTRUCTION WATER:

1. During water conservation stages 3, 4 and 5, no water from the city's water system shall be used for construction purposes such as dust control, compaction, or trench jetting. The city may prohibit the use of potable water for grading and/or construction purposes on the project in its sole discretion regardless of water conservation stage.

2. Water for construction purposes obtained from city's water supply may only be used in the city's water service area. Water for dust control, compaction and other construction activities shall be subject to the following conditions:

   A. Use of water from the city water system for construction purposes shall require a city issued construction water meter and a refundable security deposit that includes a monthly meter rental fee as established by the department. Prior to such water use, the construction water customer must obtain approval from the director to use the water for construction and agree to comply with all of the requirements of this chapter. The director may impose such additional conditions on the use of such water, including, but limited to, conditions regulating the purpose for the use of the water, rate of use, location, frequency and quantity of use, and such other conditions as deemed reasonably necessary by the director to effectuate the purposes of this chapter. The construction meter shall be located by the department and shall only be relocated or removed by the department. Unauthorized relocation or removal of a construction meter shall be deemed theft and the offender shall be subject to penalties set forth in ordinance no. 1118 section 13.26.170.

   B. Construction water shall only be drawn through a construction water meter. Construction water drawn through an unmetered connection shall be deemed theft of water and shall be grounds for the deposit on the construction meter to be forfeited. The offender shall also be subject to penalties specified in section 13.26.170. In the event the person identified as drawing water without a metered connection does not have a meter, the action shall be deemed theft and the offender shall be subject to penalties specified in ordinance no. 1118 section 13.26.170.

   C. These requirements for construction water use may be modified or supplemented by other conservation measures as determined appropriate by the director for the declared conservation stage. The director may terminate the approval granted to use the construction water based on water use restriction stages, violation of the terms and conditions of use, and/or for conduct that amounts to wasteful use of water.

ENVIRONMENTAL AWARENESS TRAINING:

1. Prior to commencement of grading operations, the project applicant shall employ a qualified biologist to conduct environmental awareness training for construction employees. The training will describe the importance of on-site biological resources and will explain the importance of other responsibilities related to the protection of wildlife during construction. The environmental awareness program shall be provided to all construction personnel to brief them on the life history of special-status species in or adjacent to the project area, the need to avoid impacts on sensitive biological resources, any terms and conditions required by state and federal agencies, and the penalties for not complying with biological mitigation requirements. If new construction personnel are added to the project, the contractor's superintendent shall ensure that the personnel receive the mandatory training before starting work. An environmental awareness handout that describes and illustrates sensitive resources to be avoided during project construction and identifies all relevant permit conditions shall be provided to each person.
CONSTRUCTION PERSONNEL AWARENESS TRAINING:


2. PRIOR TO BEGINNING OF WORK A QUALIFIED PROFESSIONAL WILL CONDUCT A TRAINING PROGRAM FOR CONSTRUCTION PERSONNEL. THE TRAINING PROGRAM SHALL INFORM THE CONSTRUCTION PERSONNEL ABOUT THE POSSIBILITY OF ENCOUNTERING PALEONTOLOGICAL RESOURCES SUCH AS FOSSILS, THE APPEARANCE AND TYPES OF FOSSILS LIKELY TO BE SEEN DURING CONSTRUCTION AND THE PROPER NOTIFICATION PROCEDURES SHOULD FOSSILS BE ENCOUNTERED.

3. IF PALEONTOLOGICAL RESOURCES ARE DISCOVERED, WORK SHALL BE SUSPENDED WITHIN THE VICINITY OF THE FIND AND THE CITY OF FOLSOM SHALL BE NOTIFIED. WORK SHALL NOT RESUME WITHIN THE AFFECTED AREA UNTIL THE CITY HAS PROVIDED WRITTEN AUTHORIZATION THAT CONSTRUCTION ACTIVITIES MAY RESUME.

PRECONSTRUCTION SURVEYS:


3. IF CONSTRUCTION OCCURS MARCH 1 THROUGH AUGUST 31, OWNER WILL RETAIN A QUALIFIED BIOLOGIST TO CONDUCT A PRECONSTRUCTION SURVEY OF THE WORK AREA FOR THE PRESENCE OF ACTIVE SWAINSON’S HAWK NEST ON AND WITHIN 0.5-MILE OF THE PROJECT AREA NO LESS THAN 14 DAYS AND NO MORE THAN 30 DAYS BEFORE THE BEGINNING OF CONSTRUCTION. IF ACTIVE NESTS ARE FOUND, APPROPRIATE BUFFERS WILL BE ESTABLISHED AROUND THE NESTS. NO PROJECT ACTIVITY SHALL COMMENCE WITHIN THE BUFFER AREA UNTIL THE YOUNG HAVE FLEDGED, THE NEST IS NO LONGER ACTIVE, OR UNTIL A QUALIFIED BIOLOGIST HAS DETERMINED IN COORDINATION WITH CDFW THAT REDUCING THE BUFFER WOULD NOT RESULT IN NEST ABANDONMENT.

4. IF CONSTRUCTION OCCURS MARCH 1 THROUGH AUGUST 31, OWNER WILL RETAIN A QUALIFIED BIOLOGIST TO CONDUCT A PRECONSTRUCTION SURVEY OF THE WORK AREA FOR THE PRESENCE OF SUITABLE NESTING HABITAT FOR TRICOLORED BLACKBIRD WITHIN 500 FEET OF THE PROJECT AREA WITHIN 14 DAYS OF CONSTRUCTION. IF A COLONY IS FOUND, A QUALIFIED BIOLOGIST SHALL ESTABLISH A BUFFER AROUND THE NESTING COLONY. NO PROJECT ACTIVITY SHALL COMMENCE WITHIN THE BUFFER AREA UNTIL A QUALIFIED BIOLOGIST CONFIRMS THAT THE COLONY IS NO LONGER ACTIVE.
5. IF CONSTRUCTION OCCURS MARCH 1 THROUGH AUGUST 31, OWNER WILL RETAIN A QUALIFIED BIOLOGIST TO CONDUCT A PRECONSTRUCTION SURVEY OF THE WORK AREA TO IDENTIFY OCCUPIED BURROWS ON AND WITHIN 0.5-MILE OF THE PROJECT AREA NO LESS THAN 14 DAYS AND NO MORE THAN 30 DAYS BEFORE THE BEGINNING OF CONSTRUCTION. IF ACTIVE BURROWING OWL BURROWS ARE FOUND, A MITIGATION PLAN SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL BEFORE ANY GROUND-DISTURRING ACTIVITIES.

6. IF CONSTRUCTION OCCURS MARCH 1 THROUGH AUGUST 31, OWNER WILL RETAIN A QUALIFIED BIOLOGIST TO CONDUCT A PRECONSTRUCTION SURVEY OF THE WORK AREA TO IDENTIFY SUITABLE NESTING HABITAT FOR SPECIAL-STATUS AND MIGRATORY BIRDS WITHIN 100 FT OF THE PROJECT AREA WITHIN 14 DAYS OF BEGINNING OF CONSTRUCTION. IF ACTIVE NESTS ARE FOUND, APPROPRIATE BUFFERS WILL BE ESTABLISHED AROUND THE NESTS. NO PROJECT ACTIVITY SHALL COMMENCE WITHIN THE BUFFER AREA UNTIL THE NESTS ARE NO LONGER ACTIVE.

7. IF CONSTRUCTION OCCURS MARCH 1 THROUGH AUGUST 31, OWNER WILL RETAIN A QUALIFIED BIOLOGIST TO CONDUCT A PRECONSTRUCTION SURVEY OF THE WORK AREA TO IDENTIFY ACTIVE RAPTOR NESTS ON AND WITHIN 0.5-MILE OF THE PROJECT AREA NO LESS THAN 14 DAYS AND NO MORE THAN 30 DAYS BEFORE THE BEGINNING OF CONSTRUCTION. IF ACTIVE NESTS ARE FOUND, APPROPRIATE BUFFERS WILL BE ESTABLISHED AROUND THE NESTS. NO PROJECT ACTIVITY SHALL COMMENCE WITHIN THE BUFFER AREA UNTIL THE YOUNG HAVE FLEDGED, THE NEST IS NO LONGER ACTIVE, OR UNTIL A QUALIFIED BIOLOGIST HAS DETERMINED IN COORDINATION WITH CDFW THAT REDUCING THE BUFFER WOULD NOT RESULT IN NEST ABANDONMENT.


9. THE OWNER SHALL RETAIN QUALIFIED PERSONNEL TO CONDUCT PLANT AND HABITAT SURVEYS IN ACCORDANCE WITH THE CONDITIONS OF APPROVAL FOR THE PROJECT.

CONSTRUCTION DOCUMENTS:

1. AMENDED CONSTRUCTION DOCUMENTS: WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS, AND ANY CHANGES MADE DURING CONSTRUCTION THAT ARE NOT IN COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS SHALL BE RESUBMITTED FOR APPROVAL AS AN AMENDED SET OF CONSTRUCTION DOCUMENTS.

INSPECTIONS:

1. IT SHALL BE THE DUTY OF HOLDER OF THE CONSTRUCTION PERMIT OR THEIR DUTY AUTHORIZED AGENT TO NOTIFY THE ENGINEERING DIVISION OF THE CITY OF FOLSOM WHEN WORK IS READY FOR INSPECTION. IT SHALL BE THE DUTY OF THE PERMIT HOLDER TO PROVIDE ACCESS TO AND MEANS FOR INSPECTIONS OF SUCH WORK THAT ARE REQUIRED BY THIS CODE.

2. ALL CONSTRUCTION OR WORK SHALL BE SUBJECTED TO INSPECTION BY THE CITY OF FOLSOM BUILDING OFFICIAL/CITY ENGINEER (OR HIS/HER REPRESENTATIVES) AND SUCH CONSTRUCTION OR WORK SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSED UNTIL APPROVED. APPROVAL AS A RESULT OF AN INSPECTION SHALL NOT BE CONSTRUED TO BE AN APPROVAL OF A VIOLATION OF THE PROVISIONS OF THIS CODE OR OF OTHER ORDINANCES OF THE JURISDICTION. INSPECTIONS PREASSURING TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF THE CODE OR OF OTHER ORDINANCES OF THE JURISDICTION SHALL NOT BE VALID. IT SHALL BE THE DUTY OF THE PERMIT APPLICANT
TO CAUSE THE WORK TO REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES. NEITHER THE BUILDING OFFICIAL NOR THE JURISDICTION SHALL BE LIABLE FOR EXPENSE ENTAILED IN THE REMOVAL OR REPLACEMENT OF ANY MATERIAL REQUIRED TO ALLOW INSPECTION. C.B.C SECTION 110.