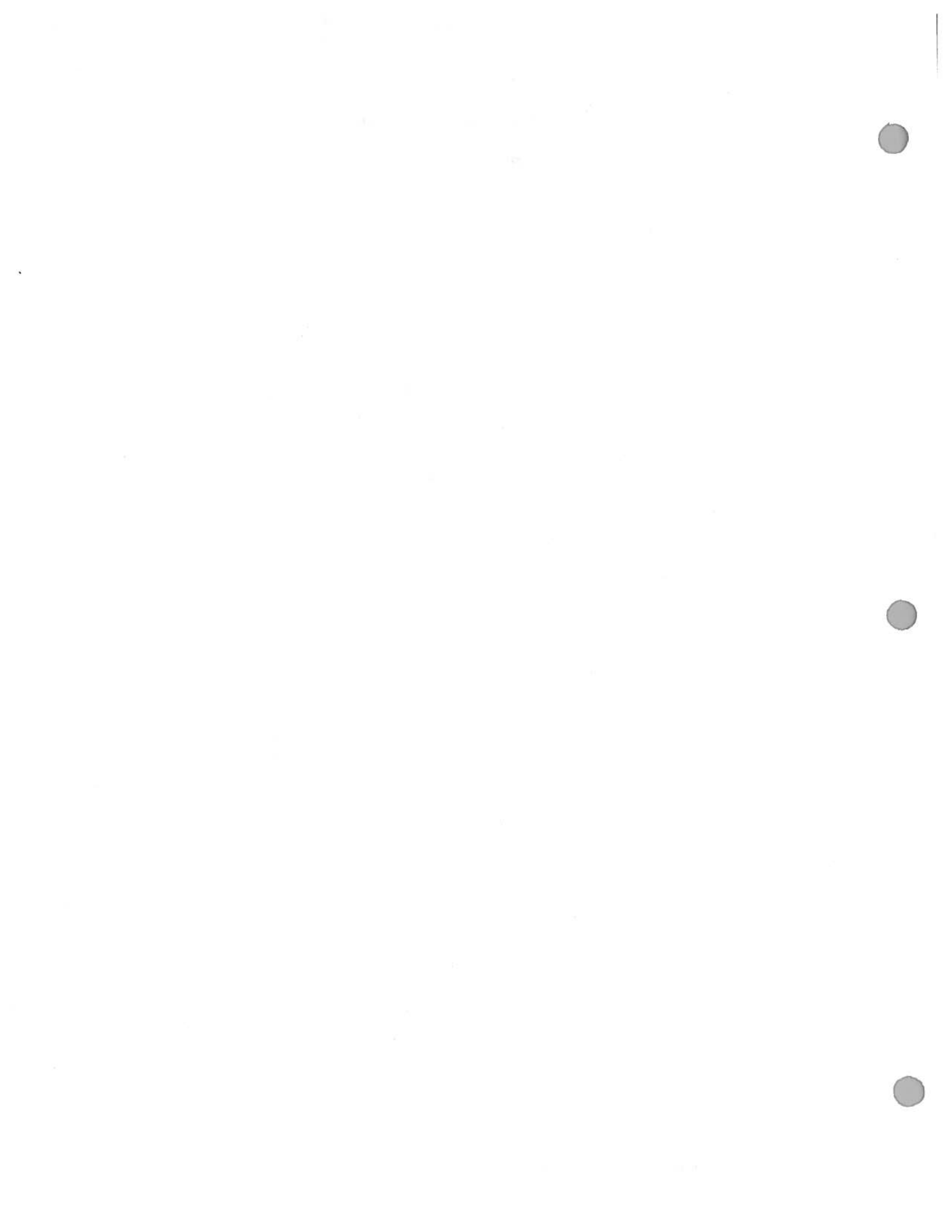


**SUBDIVISION GENERAL NOTES**

**DESCRIPTION**

**100 SERIES - SUBDIVISIONS**

100            Subdivision General Notes



CITY OF CLOVERDALE  
SUBDIVISION GENERAL NOTES (REQUIRED ON ALL PLANS)

GENERAL NOTES

1. ALL MATERIAL, WORKMANSHIP AND CONSTRUCTION SHALL CONFORM TO THE CITY OF CLOVERDALE STANDARD SPECIFICATIONS AND STANDARD PLANS AND THE STATE OF CALIFORNIA D.O.T. STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION.
2. CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF CLOVERDALE (124 N. CLOVERDALE BLVD., CLOVERDALE, CA 95425) BEFORE START OF WORK. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMIT.
3. CONTRACTOR SHALL OBTAIN REQUIRED PERMITS FROM ALL AGENCIES AND PAY ALL FEES PRIOR TO COMMENCEMENT OF ANY WORK.
4. CONTRACTOR SHALL GIVE THE CITY OF CLOVERDALE PUBLIC WORKS DEPARTMENT 48 HOURS NOTICE BEFORE STARTING WORK. CALL (707) 894-1701 OR CONTACT AT 124 NORTH CLOVERDALE BLVD., CLOVERDALE, CA 95425, FOR INSPECTION SERVICES.
5. A PRE CONSTRUCTION MEETING IS REQUIRED PRIOR TO BEGINNING OF WORK. CONTACT THE CITY ENGINEER TO SCHEDULE SUCH MEETING. CALL (707) 894-1722.
6. WORK HOURS ARE LIMITED TO MONDAY THROUGH FRIDAY, 7:00 A.M. TO 6:00 P.M. INSPECTION WILL BE AVAILABLE MONDAY THROUGH FRIDAY FROM 8:00 A.M. TO 4:30 P.M. CONTRACTORS SHALL SCHEDULE INSPECTIONS 48 HOURS IN ADVANCE BY CALLING (707) 894-1701.
7. ANY DISCREPANCY DISCOVERED BY CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY ENGINEER AND OWNER IMMEDIATELY UPON DISCOVERY. NOTIFICATION SHALL BE IN WRITING.
8. ITEMS SPECIFIED ON THE STANDARD PLANS ARE APPROVED FOR USE BY THE CITY OF CLOVERDALE. ALL SUBSTITUTES OR ALTERATIONS SHALL BE SUBMITTED TO THE CITY OF CLOVERDALE FOR REVIEW AND APPROVAL.
9. THE DEVELOPER ASSUMES ALL RESPONSIBILITY FOR THE APPROVAL OF MAIL BOX LOCATIONS BY THE LOCAL BRANCH OF THE UNITED STATES POST OFFICE. SIDEWALK WARPS ARE REQUIRED PER THE CITY OF CLOVERDALE STANDARD DETAIL 206.
10. ALL EXISTING OVERHEAD UTILITIES AND PROPOSED UTILITIES, BOTH ON-SITE AND ALONG PROJECT FRONTAGES, SHALL BE PLACED UNDERGROUND. ELECTRIC TRANSMISSION LINES OF 26,000 VOLTS OR MORE ARE EXEMPT FROM THIS REQUIREMENT. THIS DOES NOT INCLUDE SURFACE MOUNTED TRANSFORMERS, PEDESTAL MOUNTED TERMINAL BOXES AND METER CABINETS.
11. SURFACE MOUNTED TRANSFORMERS SHALL NOT BE USED UNLESS LOCATION OF SUCH UTILITIES ARE SHOWN ON THE PLANS AND APPROVED BY THE CITY.
12. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING NOISE, ODORS, DUST AND DEBRIS TO MINIMIZE IMPACTS ON SURROUNDING PROPERTIES AND ROADWAYS. CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE THAT ALL CONSTRUCTION EQUIPMENT IS EQUIPPED WITH MANUFACTURERS APPROVED MUFFLER'S AND BAFFLES. FAILURE TO COMPLY MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER.

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FILE: BMAP-STD\CLOVER\STD\CLOV100.DWG



SUBDIVISION GENERAL NOTES

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SCALE: NONE

DRAWN: CLG

CHK: JHG

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GENERAL NOTES (CONTINUED)

13. IN THE EVENT THAT ARCHEOLOGICAL SITE INDICATORS (CHIPPED CHERT, OBSIDIAN TOOLS, WASTE FLAKES, GRINDING IMPLEMENTS, DARKENED SOIL CONTAINING BONE FRAGMENTS AND SHELLFISH REMAINS, OR CERAMICS, GLASS OR METAL FRAGMENTS) ARE UNCOVERED, THE CITY ENGINEER SHALL BE CONTACTED IMMEDIATELY. ALL GROUND DISTURBING WORK SHALL CEASE IN THE VICINITY OF ANY DISCOVERY UNTIL AN ARCHEOLOGIST COMPLETES AN EVALUATION OF SIGNIFICANCE.
14. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL HALT CONSTRUCTION IMMEDIATELY, NOTIFY THE CITY, AND IMPLEMENT REMEDIATION (AS DIRECTED BY THE CITY OR ITS AGENT) IN ACCORDANCE WITH ANY REQUIREMENTS OF THE SONOMA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT AND THE NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD.
15. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC FLOW ON AFFECTED ROADWAYS DURING NON-WORKING HOURS, AND TO MINIMIZE TRAFFIC RESTRICTION DURING CONSTRUCTION. NO EXITING STREET SHALL BE ALLOWED TO BE COMPLETELY CLOSED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE CITY ENGINEER. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW TRAFFIC SAFETY MEASURES IN ACCORDANCE WITH THE CALTRANS "MANUAL OF TRAFFIC SAFETY CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES." THE CITY'S EMERGENCY SERVICE PROVIDERS SHALL BE NOTIFIED OF PROPOSED CONSTRUCTION SCHEDULED BY THE CONTRACTOR(S). THE CONTRACTOR(S) SHALL NOTIFY EMERGENCY SERVICE PROVIDERS IN WRITING AT LEAST 24 HOURS IN ADVANCE OF ITS PROPOSED SCHEDULE OF WORK.
16. A TRAFFIC HANDLING PLAN SHALL BE DELIVERED TO THE CITY ENGINEER FOR REVIEW 10 WORKING DAYS BEFORE CONSTRUCTION BEGINS.
17. GRADE BREAKS ON CURBS AND SIDEWALKS SHALL BE ROUNDED OFF IN FORMS AND SURFACE FINISHING.
18. SIDEWALK WARPS SHALL BE PROVIDED TO ALLOW A CLEAR 4-FOOT WALKWAY IN ALL LOCATIONS INCLUDING WHERE MAILBOXES, UTILITY POLES, FIRE HYDRANTS, STREET SIGNS AND GUY WIRES ARE TO BE INSTALLED. SIDEWALK WARPS ARE REQUIRED PER THE CITY OF CLOVERDALE STANDARD DETAIL 206.
19. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO THE FOLLOWING HAUL ROUTE:  
(THE ENGINEER SHALL FILL IN THE HAUL ROUTES TO BE USED. CONSTRUCTION TRAFFIC SHALL BE CONFINED TO MAJOR STREETS.)

NOTIFICATION FOR INSPECTIONS

APPROVAL OF ALL WORK SHALL BE NECESSARY AT THE COMPLETION OF EACH OF THE FOLLOWING STAGES OF WORK AND SUCH APPROVAL MUST BE OBTAINED BEFORE SUBSEQUENT STAGES OF WORK MAY BE COMMENCED. ADDITIONALLY, THE INSPECTOR SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY OF THE FOLLOWING STAGES OF WORK. ANY CONSTRUCTION OR EXCAVATION REQUIRING INSPECTION THAT IS UNDERTAKEN WITHOUT INSPECTION IS SUBJECT TO RECONSTRUCTION AND REEXCAVATION AT THE CONTRACTOR'S EXPENSE. INSPECTION MUST BE SCHEDULED FOR THE FOLLOWING WORK:

1. PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES TO CHECK FOR INSTALLATION OF ADEQUATE TREE PROTECTION FENCING, WHERE APPROPRIATE.
2. COMPACTION AND PREPARATION OF EMBANKMENTS, EXCAVATIONS, AND SUBGRADE.

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**SUBDIVISION GENERAL NOTES**

STD. NO.

**100**

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NOTIFICATION FOR INSPECTIONS (CONTINUED)

3. A. CONSTRUCTION OF FORMS FOR ALL CONCRETE STRUCTURES, INCLUDING CURBS, GUTTERS, AND SIDEWALKS.  
B. EXCAVATION FOR STORM DRAINS AND CULVERTS.
4. A. PLACING OF CONCRETE IN STRUCTURES, INCLUDING CURBS, GUTTERS AND SIDEWALKS.  
B. PLACING OF STORM DRAINS AND CULVERT PIPES.
5. EXCAVATION AND BACK FILL FOR STRUCTURES AND PIPES AND PUBLIC UTILITIES. WATER AND SEWER FACILITIES MUST BE INSPECTED BY THE COMPANY/AGENCY WITH JURISDICTION, INCLUDING PRIVATE FACILITIES.
6. CONSTRUCTION OF ROADSIDE DITCHES AND OTHER DRAINAGE WAYS.
7. PLACING AND COMPACTING OF BASE MATERIAL. IF MORE THAN ONE COURSE OR TYPE OF BASE OR SUBBASE IS TO BE USED, APPROVAL SHALL BE NECESSARY FOR EACH COURSE AND/OR TYPE.
8. PLACING OF PAVEMENT OR SURFACING. WITHIN 48 HOURS OF PAVING, ALL WATER VALVE BOXES, CLEANOUTS AND MANHOLE FRAMES AND COVERS SHALL BE BROUGHT TO GRADE AND INSPECTED.
9. STRIPING AND SIGNING LAYOUT AND PLACEMENT.
10. FINAL CLEAN UP.
11. UPON COMPLETION OF CONSTRUCTION, FINAL CONNECTION WILL BE MADE BY THE CONTRACTOR AT THE DEVELOPER'S EXPENSE UNDER INSPECTION BY THE CITY UNLESS OTHERWISE SPECIFIED ON THE PLANS.

GRADING NOTES

1. A GRADING OR ENCROACHMENT PERMIT, SHALL BE ISSUED BY THE CITY OF CLOVERDALE PUBLIC WORKS DEPARTMENT PRIOR TO ANY GRADING SHOWN ON THESE PLANS, UNLESS EXEMPT UNDER THE UNIFORM BUILDING CODE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE GEOTECHNICAL ENGINEER (FILL IN GEOTECHNICAL ENGINEER'S NAME, REPORT TITLE, PROJECT NUMBER AND DATE OF REPORT. INCLUDE SUPPLEMENTARY REPORTS IF THEY EXIST.) ALL GRADING SHALL BE PERFORMED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER AND SHALL BE IN CONFORMANCE WITH THE PRELIMINARY GEOTECHNICAL REPORT AND CHAPTER 33-APPENDIX AND 70-APPENDIX OF THE ADOPTED UNIFORM BUILDING CODE.
3. STREET SUB GRADE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION TO A DEPTH OF NO LESS THAN 6" IN THE ROADWAY SECTION. ASPHALT CONCRETE AND CLASS 2 AGGREGATE BASE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
4. THE USE OF THE SAND CONE METHODS (SUCH AS ASTM 1557 OR CAL 216) FOR DETERMINING FIELD DENSITIES WILL NOT BE ALLOWED AS A SUBSTITUTE FOR NUCLEAR GAUGE TESTING.
5. ALL EXISTING WELLS, SEPTIC TANKS AND/OR UNDERGROUND FUEL STORAGE TANKS SHALL BE ABANDONED UNDER PERMIT AND INSPECTION OF THE SONOMA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT OR OTHER DESIGNATED AGENCY.
6. ANY EXCESS MATERIALS SHALL BE CONSIDERED THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AWAY FROM THE JOB SIDE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
7. ALL TREE PROTECTION FENCING MUST BE INSTALLED AND INSPECTED PRIOR TO COMMENCEMENT OF GRADING OPERATIONS. FENCING SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

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**SUBDIVISION GENERAL NOTES**

STD. NO.

**100**

SCALE: NONE

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DUST CONTROL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE DUST CONTROL MEASURES FOR THE ENTIRE CONSTRUCTION PERIOD OF THIS PROJECT TO THE SATISFACTION OF THE CITY ENGINEER.
2. CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED IN PROPER WORKING ORDER AND SHALL NOT BE ALLOWED TO IDLE FOR A PERIOD OF LONGER THAN 30 MINUTES.
3. TO MINIMIZE FUGITIVE DUST AND THE RELEASE OF PM10, THE CONTRACTOR SHALL IMPLEMENT A DUST CONTROL PROGRAM. DUST CONTROL MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
  - A. ACTIVE CONSTRUCTION SITE SHALL BE WATERED AS NEEDED, PREFERABLE IN THE LATE MORNING AND WHEN WORK HAS CEASED FOR THE DAY.
  - B. STOCKPILES OF LOOSE MATERIAL SHALL BE COVERED AT ALL TIMES, EXCEPT WHEN THIS WOULD INTERFERE WITH IMMEDIATE CONSTRUCTION ACTIVITIES.
  - C. ALL CLEARING, GRADING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE WHEN THE AVERAGE WIND SPEED FOR ONE HOUR EXCEEDS 20 MILES PER HOUR (MPH).
  - D. THE AREA DISTURBED BY EXCAVATION OR GRADING SHALL BE KEPT TO THE MINIMUM REQUIRED TO IMPLEMENT THE PROJECT.
  - E. WHEN TRAVELING ON EXPOSED SOILS, CONSTRUCTION SITE VEHICLE SPEED SHALL BE LIMITED TO 15 MPH.
  - F. HAUL VEHICLES SHALL BE COVERED WHEN NOT ACTIVELY ENGAGED IN SITE CONSTRUCTION ACTIVITY.
  - G. STREETS SHALL BE SWEEPED REGULARLY AND KEPT FREE OF DIRT AND DEBRIS.
4. ANY PROJECT RELATED DEBRIS, DEBRIS AND WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL STATUES AND REGULATIONS.

EROSION CONTROL NOTES

1. A NOTICE OF INTENT SHALL BE FILED BY THE OWNER FOR ALL PROJECTS OVER ONE (1) ACRE IN AREA. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMIT.
2. EROSION CONTROL MEASURES SHALL BE INSTALLED AND IN PLACE BETWEEN OCTOBER 1 AND APRIL 30. INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLAN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION CONTROL MEASURES. SITE EROSION CONTROL SHALL BE INSPECTED BY THE CONTRACTOR AND CLEANED IF NECESSARY AFTER EVERY MAJOR STORM.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS TO THE SATISFACTION OF THE CITY ENGINEER.
5. ALL GRADED AREAS AND EXPOSED SOIL WITHIN THIS PROJECT SHALL BE SEEDED FOR EROSION CONTROL BY THE CONTRACTOR. SEED AND MULCH WILL BE APPLIED BY OCTOBER 1ST TO ALL CUT AND FILL SLOPES WITHIN OR ADJACENT TO PROJECT ROADS. SEED AND FERTILIZER WILL BE APPLIED HYDRAULICALLY OR BY HAND AT THE RATES SPECIFIED BELOW. ON SLOPES, STRAW WILL BE APPLIED BY BLOWER OR BY HAND AND ANCHORED IN PLACE BY PUNCHING.

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**SUBDIVISION GENERAL NOTES**

STD. NO.

**100**

SCALE: NONE

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EROSION CONTROL NOTES (CONTINUED)

6. HYDROSEEDING MIX SHALL CONFORM TO THE FOLLOWING:

ITEM	POUNDS PER ACRE
"BLANDO BROME"	30
ANNUAL RYE GRASS	20
FERTILIZER (16-20-0 & 15% SULFUR)	500
STRAW MULCH	4000 OR 3500 LB. OF WOOD CELLULOSE

7. ALL CRITICAL EARTHWORK OPERATIONS SHALL BE PERFORMED DURING THE DRY WEATHER SEASON, FROM MAY 1ST TO OCTOBER 1ST OR AS OTHERWISE APPROVED BY THE CITY ENGINEER. THE CLEARING OF EXISTING VEGETATION SHALL BE CONFINED TO WITHIN THE LIMITS OF ACTUAL EARTHWORK. INCREMENTAL DEVELOPMENT SHALL BE REQUIRED TO ENSURE THAT THE AMOUNT OF LAND CLEARED AT ANY TIME IS LIMITED TO THE AREA THAT CAN BE DEVELOPED DURING THE CONSTRUCTION PERIOD. STORM WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY DOWN UNPROTECTED SLOPES. ENERGY DISSIPATING STRUCTURES AND EROSION CONTROL DEVICES SHALL BE PLACED AT ALL DRAINAGE OUTLETS WHICH DISCHARGE TO NATURAL CHANNELS AS SHOWN ON THESE PLANS. ALL SEDIMENT TRAPS SHALL BE MAINTAINED BY THE OWNER UNTIL SUCH TIME AS THE CITY ACCEPTS MAINTENANCE RESPONSIBILITY.

GENERAL UNDERGROUND NOTES

1. NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS, NOT SHOWN ON THESE PLANS, WILL NOT BE ENCOUNTERED. THOSE SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE AND THE CONTRACTOR IS CAUTIONED THAT THE OWNER, THE ENGINEER, AND THE CITY OF CLOVERDALE ASSUME NO RESPONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES WORKING WITHIN THE LIMITS OF THIS PROJECT.
2. CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD BY THE APPLICABLE ENTITY RESPONSIBLE FOR THAT PARTICULAR UTILITY. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 24 HOURS BEFORE STARTING WORK. HAND DIGGING IS REQUIRED IF TRENCH IS WITHIN 12" OF ANY EXISTING UTILITY.
3. UNDERGROUND SERVICE ALERT: CALL TOLL FREE (800) 642-2444 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
4. THE CONTRACTOR SHALL OBTAIN A TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY BEFORE EXCAVATION OF TRENCHES. A COPY OF THE PERMIT MUST BE ON FILE WITH THE CITY BEFORE TRENCH EXCAVATION MAY BEGIN.
5. CONTRACTOR SHALL UNCOVER EXISTING BURIED UTILITIES WITH UTILITY OWNER TO VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES. BURIED UTILITIES INCLUDE BUT ARE NOT LIMITED TO WATER MAINS AND LATERALS, SEWER MAINS AND LATERALS, STORM DRAINS, GAS MAINS AND LATERALS, ELECTRICAL DISTRIBUTION LINES, CABLE TELEVISION LINES, AND TELEPHONE LINES. ALL UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BEFORE THE START OF CONSTRUCTION.
6. THE CONTRACTOR SHALL VERIFY EXISTING INVERTS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. THE PROJECT AND/OR DESIGN ENGINEER MAY ADJUST THE GRADE OF NEW SEWER AND STORM DRAIN CONSTRUCTION ACCORDINGLY WITH CONCURRENCE FROM THE CITY ENGINEER.

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**SUBDIVISION GENERAL NOTES**

STD. NO.

**100**

SCALE: NONE

DRAWN: CLG

CHK: JHG

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GENERAL UNDERGROUND NOTES (CONTINUED)

7. DISTANCES AND INVERTS ARE TO AND AT THE CENTER OF THE MANHOLES, CLEANOUTS, DROP INLETS, CATCH BASINS, AND YARD DRAINS OR AS MARKED ON THE DRAWINGS.
8. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.
9. THE CONTRACTOR SHALL STAMP THE LETTER "S" ON THE FACE OF CURB DIRECTLY ABOVE THE SEWER LATERAL, AND THE LETTER "W" ON THE FACE OF CURB DIRECTLY ABOVE WATER SERVICES, AND "B" ON FACE OF CURB DIRECTLY ABOVE A BLOW OFF OR AIR RELIEF VALVE. AT A DRIVEWAY THE STAMP SHALL BE PLACED AT THE BACK OF RAMP. THE LETTERS SHALL BE 4" HIGH AND COMPLETELY LEGIBLE.

SANITARY SEWER NOTES

1. GRAVITY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC), SDR 35 OR DUCTILE IRON PIPE, CLASS 52, POLYETHYLENE ENCASED.
2. SEWER MAIN INSTALLED OUTSIDE OF PAVED ROADWAYS SHALL BE DUCTILE IRON.
3. ALL SANITARY SEWER MANHOLES SHALL BE A MINIMUM OF 48" IN DIAMETER. UNLESS OTHERWISE NOTED, MANHOLE FRAME AND COVER SHALL HAVE 24" CLEAR OPENING, AND BE HEAVY DUTY NON-ROCKING. RAISED LETTERS ON TOP OF THE COVER SHALL READ "SANITARY SEWER."
4. TRENCHING, BACKFILL AND RESURFACING REQUIRED FOR INSTALLATION OF SEWER SYSTEM FACILITIES SHALL BE SHALL BE IN ACCORDANCE WITH CITY STANDARD 300.

STORM DRAIN NOTES

1. STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE, HIGH DENSITY POLYETHYLENE, OR CAST IN PLACE CONCRETE PIPE CONFORMING TO CALTRANS STANDARD SPECIFICATIONS. CAST IN PLACE PIPE MAY NOT BE USED IN EXISTING STREETS WITHOUT THE EXPRESS AUTHORIZATION OF THE CITY ENGINEER.
2. THE MINIMUM COVER OVER STORM DRAIN PIPE SHALL BE 24" MEASURED FROM SUB GRADE AND THE MAXIMUM ALLOWABLE COVER SHALL BE LIMITED TO 11 FEET MEASURED FROM FINISHED SURFACE.
3. TRENCHING, BACKFILL AND RESURFACING FOR STORM DRAIN PIPE SHALL BE IN ACCORDANCE WITH CITY STANDARD 412.
4. ALL STORM DRAIN MANHOLES SHALL BE A MINIMUM OF 48" IN DIAMETER. UNLESS OTHERWISE NOTED, MANHOLE FRAME AND COVER SHALL HAVE 24" CLEAR OPENING, AND BE HEAVY DUTY NON-ROCKING. RAISED LETTERS ON TOP OF THE COVER SHALL READ "STORM DRAIN". PIPES SHALL NOT PROTRUDE INSIDE THE MANHOLE AND PIPE ENDS SHALL BE ROUNDED.
5. STORM DRAIN WITHIN CITY MAINTAINED ROADS SHALL BE MINIMUM 18 INCH DIAMETER, WITH THE EXCEPTION OF LATERALS WHICH MAY BE 15 IN. DIAMETER.
6. PRIOR TO ACCEPTANCE OF THE STORM DRAIN SYSTEM, THE CONTRACTOR SHALL VIDEO ALL STORM DRAIN LINES TO ENSURE THEY ARE FREE AND CLEAR OF ALL DEBRIS AND SILT. ALL VIDEO TAPES SHALL BE SUBMITTED TO THE CITY WITH WRITTEN REPORTS AND SHALL BE SUBJECT TO REVIEW AND APPROVAL. IF CLEANING OF THE PIPES ARE NEEDED, THE CONTRACTOR SHALL NOT BE ALLOWED TO WASH SILT AND/OR DEBRIS INTO THE EXISTING CITY STORM DRAIN SYSTEM INCLUDING ANY CREEKS OR OPEN WATERWAYS.

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**SUBDIVISION GENERAL NOTES**

STD. NO.  
**100**

SCALE: NONE | DRAWN: CLG | CHK: JHG | APPVD: | DATE: APR. 2004



WATER SYSTEM NOTES

1. START EXCAVATION BY EXPOSING END OF EXISTING WATER MAIN TO DETERMINE ITS LINE AND GRADE. START NEW MAIN 8-10 FEET FROM AND ON SAME LINE AND GRADE AS EXISTING MAIN. PIPE LAYING SHALL THEN BE ADJUSTED SO DEPTH OF NEW MAIN CONFORMS TO NOTE #2.
2. MINIMUM DEPTH OF COVER FROM FINISHED GRADE SHALL BE: 32" FOR 6" MAINS, 36" FOR 8" MAINS, 44" FOR 12" MAINS, 48" FOR 14" AND LARGER MAINS.
3. A NO. 10 INSULATED COPPER WIRE SHALL BE LAID ON TOP OF AND ALONG ENTIRE LENGTH OF ALL MAINS AND SHALL BE EXTENDED TO THE SURFACE AT ALL VALVES, BLOWOFFS AND METER BOX LOCATIONS SUFFICIENTLY FOR LOCATOR EQUIPMENT TO BE ATTACHED. FASTEN THE WIRE TO THE TOP OF THE PIPE SO AS NOT TO BE DISPLACED BY BACKFILLING PROCEDURE (ONE METHOD OF ACCOMPLISHING THIS IS TO AFFIX THE WIRE TO THE TOP OF THE PIPE WITH DUCT TAPE AT APPROXIMATELY 10 FEET INTERVALS).
4. WATER MAINS TO BE CONSTRUCTED WITHIN 10' OF SEWER MAIN REQUIRE SPECIAL INSTALLATION AND DESIGN MUST BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH STANDARDS. THE DESIGN SHALL BE SPECIFICALLY APPROVED BY THE CITY ENGINEER.
5. ALL TRENCHING, BACKFILL AND RESURFACING REQUIRED FOR INSTALLATION OF WATER SYSTEM FACILITIES SHALL BE SHALL BE IN ACCORDANCE WITH CITY STANDARD 300.
6. ALL METER BOXES, VAULTS AND PITS SHALL BE BEDDED ON A 3" MINIMUM THICK, 3/4" DRAIN ROCK, CLASS 2 AGGREGATE BASE, OR OTHER CLEAN MATERIAL WITH TYPICAL SAND EQUIVALENT OF 20 MINIMUM, UNCONTAMINATED BY NATIVE SOIL, AGAINST COMPACTED OR UNDISTURBED BASE. THE GRAVEL BED SHALL EXTEND TO A 4" MINIMUM BEYOND ALL SIDES OF THE METER BOX. BOX SHALL BE SET FLUSH WITH TOP OF CURB, SIDEWALK OR GROUND, WHICHEVER IS APPLICABLE.
7. METER BOXES SHALL BE LOCATED OUT OF TRAFFIC LOADING AREAS.
8. WHEN HYDRANTS ARE CONSTRUCTED, BURLAP BAGS SHALL BE PLACED OVER THE HYDRANTS (INDICATING THAT THE HYDRANT IS NOT IN SERVICE) UNTIL SUCH TIME THAT THE CITY HAS FLOW TESTED THE HYDRANT AND VERIFIED THAT IT IS WORKING CORRECTLY.

SIGNING, STRIPING AND PAVEMENT MARKINGS

1. CONTRACTOR SHALL NOTIFY THE CITY OF CLOVERDALE PUBLIC WORKS DEPARTMENT, (707) 894-1701, OF INTENT TO PLACE ANY PAVEMENT MARKER, TRAFFIC STRIPE, AND PAVEMENT MARKING LAYOUT LINES 10 WORKING DAYS BEFORE THE LAYOUT WORK IS TO BE PERFORMED. ALL LABOR EQUIPMENT AND MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
2. ALL LAYOUT WORK IS TO BE PERFORMED BY THE CONTRACTOR AND SHALL BE FIELD APPROVED BY A CITY INSPECTOR BEFORE THE ACTUAL WORK BEGINS.
3. PAVEMENT MARKERS AND TRAFFIC STRIPE DETAIL REFERENCE NUMBERS ARE SHOWN ON CALTRANS STANDARD PLAN SHEETS A20-A, A20-B, AND A20-C.
4. ROADSIDE SIGNS SHALL BE LOCATED AS SHOWN ON THE PLANS IN CONFORMANCE WITH CITY STANDARDS AND AS DIRECTED BY THE CITY ENGINEER. SIGN INSTALLATION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 56, "SIGNS", OF THE STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE CITY ENGINEER.

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**SUBDIVISION GENERAL NOTES**

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**100**

SCALE: NONE

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SIGNING, STRIPING AND PAVEMENT MARKINGS

5. SIGN PANELS SHALL CONFORM TO THE CURRENT CALTRANS SIGN PANEL SPECIFICATIONS.
6. SIGN PANELS SHALL BE MOUNTED ON METAL POSTS AS DESIGNATED ON THE PLANS. WOOD POST INSTALLATION SHALL BE AS SHOWN ON THE PLANS, INCLUDING STANDARD PLANS. WOOD POSTS SHALL BE PROVIDED WITH BREAKAWAY FEATURE. METAL POSTS SHALL BE 2-INCH SCHEDULE 40 GALVANIZED STEEL PIPE CONFORMING TO ASTM A120 WITH GALVANIZED TOP CAPS. EACH SIGN PANEL SHALL BE ATTACHED TO METAL POSTS WITH A MINIMUM OF (2) 5/16-INCH SELF-TAPPING SCREWS OR BOLTS. ALL FASTENERS AND ATTACHMENT HARDWARE SHALL BE GALVANIZED.
7. MARKERS AND DELINEATORS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 82, "MARKERS AND DELINEATORS" OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE CITY ENGINEER.
8. TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 84, "TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE CITY.
9. ALL PAVEMENT MARKINGS, INCLUDING STOP LINES, AND ALL CHANNELIZING LINES SHALL BE THERMOPLASTIC. ALL OTHER TRAFFIC STRIPES SHALL BE PAINTED, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS.
10. THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL CONFORM TO THE PROVISIONS OF SECTION 84-2 "THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE STANDARD SPECIFICATIONS.
11. SECTIONS 84-102, "MATERIALS" AND 84-2.03 "MANUFACTURING, PACKAGING AND LABELING", OF THE STANDARD SPECIFICATIONS ARE DELETED.
12. THERMOPLASTIC MATERIAL SHALL BE APPLIED AT A MINIMUM THICKNESS OF 0.125 INCH.
13. THERMOPLASTIC MATERIAL SHALL CONFORM TO STATE SPECIFICATION 8010-21C-21 or 8010-21C-19. GLASS BEADS TO BE APPLIED TO THE SURFACE OF MOLTEN THERMOPLASTIC MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF STATE SPECIFICATION 8010-11E-22 (TYPE II) OR AASHTO DESIGNATION M-247(TYPE I).
14. STATE SPECIFICATIONS FOR THERMOPLASTIC MATERIAL AND GLASS BEADS MAY BE OBTAINED FROM THE TRANSPORTATION LABORATORY, P.O. BOX 19128, SACRAMENTO, CA. 95819 (TELEPHONE: 916-739-2400)
15. PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 85, "PAVEMENT MARKERS" OF THE STANDARD SPECIFICATIONS. PAVEMENT MARKERS SHALL BE PLACED TO THE LINE ESTABLISHED BY CITY.
16. EXISTING PAINTED/THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS WHICH CONFLICT WITH NEW TRAFFIC STRIPING AND PAVEMENT MARKING PLANS SHALL BE REMOVED BY THE CONTRACTOR, IN ACCORDANCE WITH SECTION 15 OF THE STANDARD SPECIFICATIONS.

SHEET 8 OF 8



**SUBDIVISION GENERAL NOTES**

STD. NO.

**100**

SCALE: NONE

DRAWN: CLG

CHK: JHG

APPVD:

DATE: APR. 2004