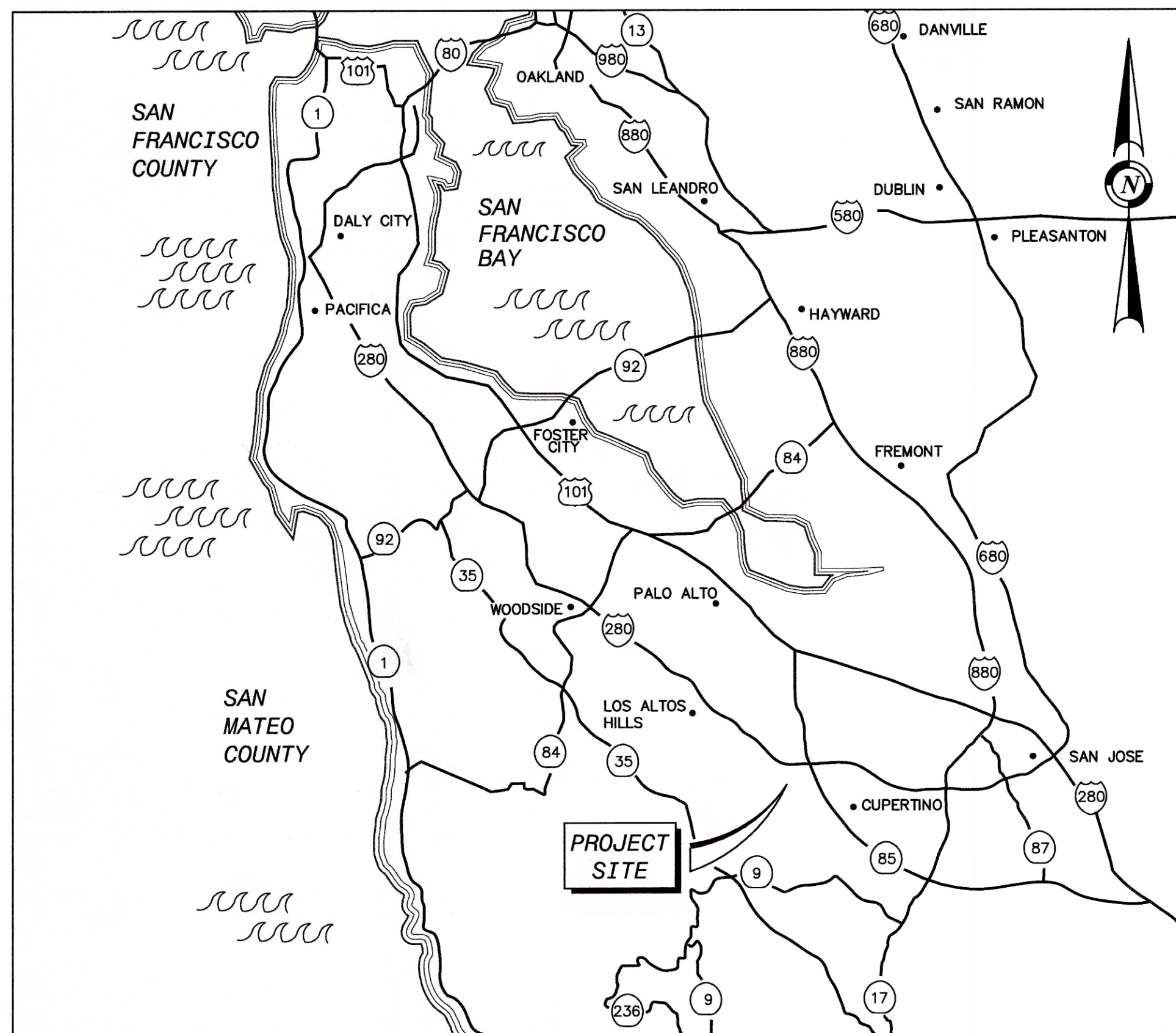
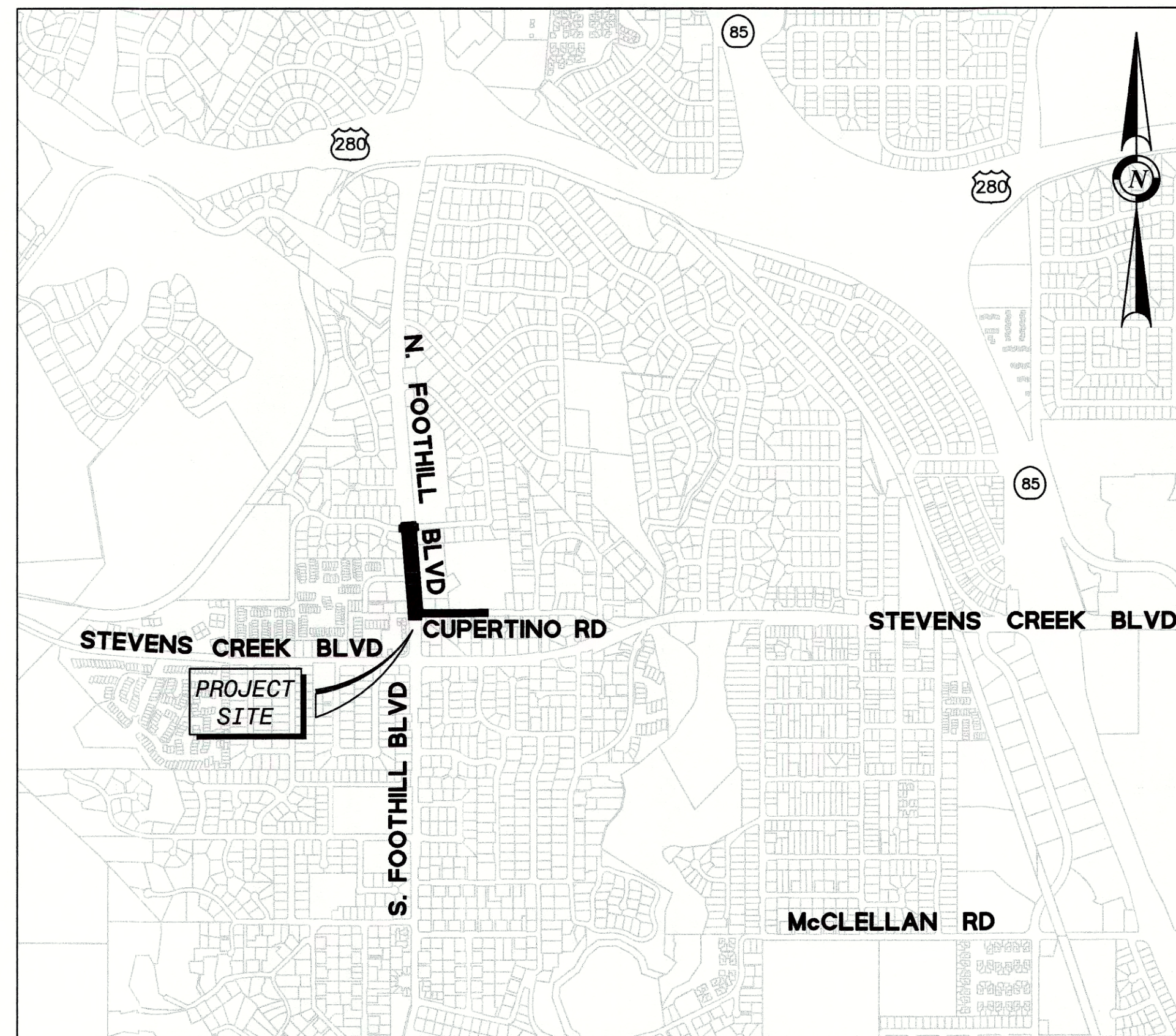


**CITY OF CUPERTINO
PUBLIC WORKS DEPARTMENT**

**PROJECT PLANS FOR THE CONSTRUCTION OF
STORM DRAIN IMPROVEMENTS –
N. FOOTHILL BOULEVARD AND CUPERTINO ROAD
IN SANTA CLARA COUNTY, CALIFORNIA
PROJECT NO. 2017-10**



VICINITY MAP
SCALE: N.T.S.

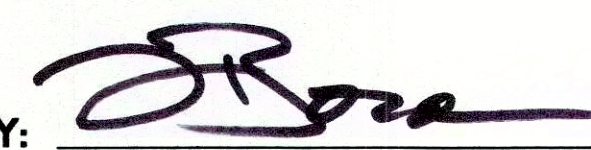


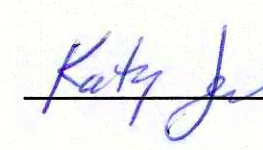
LOCATION MAP
SCALE: 1"=1000'

SHEET INDEX

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2.	GENERAL NOTES, ABBREVIATIONS & LEGEND
3.	N. FOOTHILL BOULEVARD PLAN & PROFILE, STA 11+00 TO 16+70
4.	N. FOOTHILL BOULEVARD PLAN & PROFILE, STA 16+70 TO 21+00
5.	CUPERTINO ROAD PLAN & PROFILE, STA 0+70 TO 6+50
6.	STORM DRAIN DETAILS
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14.	CITY CONSTRUCTION BEST MANAGEMENT PRACTICES SHEET

CITY OF CUPERTINO APPROVAL

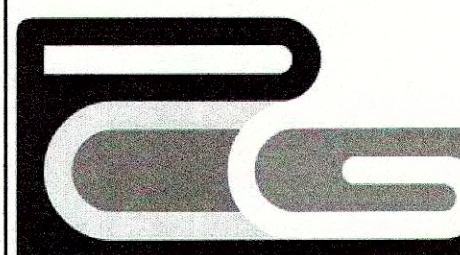
APPROVED BY:  **TIMM BORDEN** RCE 45512
DIRECTOR OF PUBLIC WORKS **5.4.17**
DATE

REVIEWED BY:  **5.4.17**
DATE

GENERAL NOTE

CONTRACTOR SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) AT 811 OR (800) 227-2600, AT LEAST TWO (2) WORKING DAYS BEFORE EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES IN ACCORDANCE WITH THE PROJECT SPECIAL CONDITIONS AND TECHNICAL SPECIFICATIONS.

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		SYMBOL	DATE	REVISIONS	BY	CKD														



City of Cupertino
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**STORM DRAIN IMPROVEMENTS –
N. FOOTHILL BLVD AND CUPERTINO RD
TITLE SHEET**

CITY OF CUPERTINO GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE FOLLOWING AND TO THE SATISFACTION OF THE CITY.
A. APPLICABLE SECTIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (2010 EDITION) AND STANDARD PLANS (2010 EDITION), HEREIN REFERRED TO AS 'CALTRANS', UNLESS OTHERWISE NOTED.
B. CITY OF CUPERTINO STANDARD DETAILS.
C. THESE PLANS, DETAILS AND PROJECT TECHNICAL SPECIFICATIONS.
D. STANDARDS OF THE UNITED STATES DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, OFFICE OF STANDARDS AND RULES OF THE STATE DIVISION OF INDUSTRIAL SAFETY.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE APPROVED PLANS OR THE LATEST REVISED PLANS ARE FURNISHED TO ITS SUBCONTRACTORS, AND TO ENSURE THE LATEST APPROVED PLANS ARE ONSITE AT ALL TIMES DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY THE CITY OF CUPERTINO PUBLIC WORKS CAPITAL IMPROVEMENT PROJECT INSPECTOR (CITY'S PROJECT INSPECTOR) TWO (2) WORKING DAYS PRIOR TO REQUIRING AN INSPECTION. CALL CITY'S PROJECT INSPECTOR (CSG) AT (650) 522-2500 TO SCHEDULE PUBLIC WORKS INSPECTIONS.
4. CONSTRUCTION AREA TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO BEGINNING OF WORK.
5. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND FACILITIES IN THE AREA OF WORK. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT 811 OR (800) 227-2600, CENTURYLINK AT 1-800-AT-FIBER AND THE AFFECTED UTILITY COMPANIES PRIOR TO STARTING WORK TO REQUEST AND OBTAIN THE MARKING OF EXISTING UNDERGROUND FACILITIES.
6. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED AND BACKFILLED BEFORE PLACEMENT OF THE BASE MATERIAL AND SURFACE STRUCTURES. IF UTILITIES ARE TO BE INSTALLED SUBSEQUENTLY, A WRITTEN NOTIFICATION FROM THE AFFECTED UTILITY COMPANY INDICATING ITS COMMITMENT TO BORE OR TUNNEL SHALL BE SUBMITTED TO THE CITY ENGINEER BEFORE PROCEEDING WITH THE WORK. UNDERGROUND UTILITIES, EXCEPT STORM DRAINS AND SANITARY SEWERS, SHALL NOT BE PERMITTED IN PAVEMENT AREA, WITH THE EXCEPTION OF STREET CROSSINGS, UNLESS APPROVED BY THE CITY ENGINEER.
7. STORM DRAIN LINES INSTALLED AS PART OF THE WORK ON THESE PLANS SHALL BE CLEARED OF ALL DEBRIS AND OBSTRUCTIONS AND CLEANED PRIOR TO FINAL ACCEPTANCE.
8. ALL TRENCH BACKFILL, FILL AREAS, AND BASE MATERIAL SHALL ATTAIN A MINIMUM 95% RELATIVE COMPACTION. FOR TYPICAL TRENCH SECTIONS REFER TO THE MODIFIED CITY STANDARD DETAILS ON THESE PLANS.
9. TREES, ROOTS, AND FOREIGN MATTER IN EXISTING PUBLIC RIGHT-OF-WAY AND PUBLIC EASEMENTS SHALL BE REMOVED TO A DEPTH OF TWO (2) FEET BELOW SUBGRADE AND DISPOSED OF PER CALTRANS STANDARDS. IN CASE OF LIVE TREE ROOTS FROM CITY STREET TREES, CONTRACTOR SHALL CONTACT THE PROJECT INSPECTOR TO COORDINATE CITY ARBORIST'S FIELD OBSERVATION PRIOR TO REMOVING TREE ROOTS.
10. TRENCH PLATES IN THE TRAVELED WAY SHALL BE TRAFFIC RATED, NON-SKID SURFACE, PROPERLY SECURED AND SHALL BE RECESSED (SEE TECHNICAL SPECIFICATIONS, SECTION 31 00 00 - EARTHWORK, "EXCAVATION.").
11. ALL TRENCHES LOCATED WITHIN 5' OF THE EDGE OF PAVEMENT (I.E. CURB, LIP OF GUTTER, EDGE OF PAVEMENT, ETC.) SHALL BE REPAVED TO THE EDGE OF PAVEMENT.
12. EXISTING LANDSCAPE IMPROVEMENTS, CURB AND GUTTER, SIDEWALK AND PAVEMENT THAT IS REMOVED OR DAMAGED RESULTING FROM CONSTRUCTION OPERATIONS AND IS NOT SHOWN TO BE REMOVED ON THESE PLANS SHALL BE REPLACED OR REPAIRED AS REQUIRED BY THE PROJECT INSPECTOR AT THE CONTRACTOR'S EXPENSE TO THE CITY OF CUPERTINO STANDARDS.
13. MANHOLE FRAMES AND COVERS SHALL BE BROUGHT TO FINISHED GRADE PRIOR TO FINAL ACCEPTANCE.
14. FIVE (5) WORKING DAYS PRIOR TO INSTALLING PERMANENT STRIPING, THE CONTRACTOR SHALL CAT TRACK THE STRIPING AND REQUEST REVIEW OF THE CAT TRACKS BY THE CITY TRAFFIC ENGINEER. THE CITY TRAFFIC ENGINEER SHALL HAVE THE RIGHT TO MAKE CHANGES IN THE LOCATION OF THE ALIGNMENT OF TRAFFIC STRIPES, PAVEMENT MARKINGS, AND PAVEMENT MARKERS.
15. CONCRETE FOR USE IN ALL CONCRETE WORK SHALL CONFORM TO CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 90 (2006 EDITION). DROP INLETS, SIDEWALKS, CURBS AND GUTTERS SHALL CONTAIN 590 LBS. OF CEMENT PER CUBIC YARD AND SHALL ATTAIN A MINIMUM STRENGTH OF 3,000 PSI IN 28 DAYS.
16. DROP INLETS SHALL BE CONSTRUCTED CONFORMING TO CITY STANDARD DETAILS UNLESS OTHERWISE NOTED ON THESE PLANS. DROP INLET TOPS SHALL BE INSTALLED CONCURRENT WITH THE CONSTRUCTION OF THE CURB AND GUTTER. NO DUMPING FLOWS TO THE BAY" PLAQUE SHALL BE INSTALLED ON THE CURB ADJACENT TO ALL INLETS OR AS OTHERWISE SHOWN ON THESE PLANS.
17. A MINIMUM THICKNESS OF SIX (6) INCHES OF CONCRETE SHALL BE REQUIRED FOR COMMERCIAL DRIVEWAY APPROACHES AND FOUR (4) INCHES FOR RESIDENTIAL. THE DRIVEWAY APPROACH SHALL BE INSTALLED CONCURRENT WITH THE CONSTRUCTION OF THE CURB AND GUTTER.
18. ONE POUND OF DISPERSING BLACK SHALL BE MIXED WITH EACH CUBIC YARD OF CONCRETE AT THE BATCH PLANT.
19. NEW CITY STANDARD STREET MONUMENTS AND OTHER PERMANENT MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BEFORE ACCEPTANCE OF THE IMPROVEMENTS BY THE CITY ENGINEER. ATTENTION IS DIRECTED TO SECTION 8771 OF THE CALIFORNIA BUSINESS AND PROFESSIONAL CODE FOR THE REQUIREMENTS CONCERNING SURVEY MONUMENTS. EXISTING SURVEY MONUMENTS SHALL BE LOCATED AND REFERENCED BY OR UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION OPERATIONS, AND A CORNER RECORD OR RECORD OF SURVEY SHALL BE FILED WITH THE COUNTY SURVEYOR OF THE COUNTY OF SANTA CLARA. EXISTING SURVEY MONUMENTS SHALL BE RESET TO FINISHED GRADE, AND A CORNER RECORD OR RECORD OF SURVEY SHALL BE FILED WITH THE COUNTY SURVEYOR OF THE COUNTY OF SANTA CLARA PRIOR TO THE RECORDING OF THE CERTIFICATE OF COMPLETION FOR THE PROJECT.
20. CONSTRUCTION SURVEY STAKES OR MARKS (CONTROL STAKES) TO ESTABLISH LINES AND GRADES SHALL BE SET BY THE CONTRACTOR'S SURVEYOR OR ENGINEER.
21. NOTIFY THE PROJECT INSPECTOR TWO (2) WORKING DAYS IN ADVANCE OF REQUIRING SERVICES FOR CHECKING FIELD STAKING. THREE (3) COPIES OF THE CUT SHEETS SHALL BE FURNISHED TO THE PROJECT INSPECTOR.
22. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL AND ENSURING THE AREA ADJACENT TO THE WORK IS MAINTAINED IN A CLEAN CONDITION.
23. CONTRACTOR SHALL COMPLY WITH CITY DETAIL 6-4 ON TREE PROTECTION PRIOR TO ACCOMPLISHING ANY WORK OR REMOVING ANY TREES.

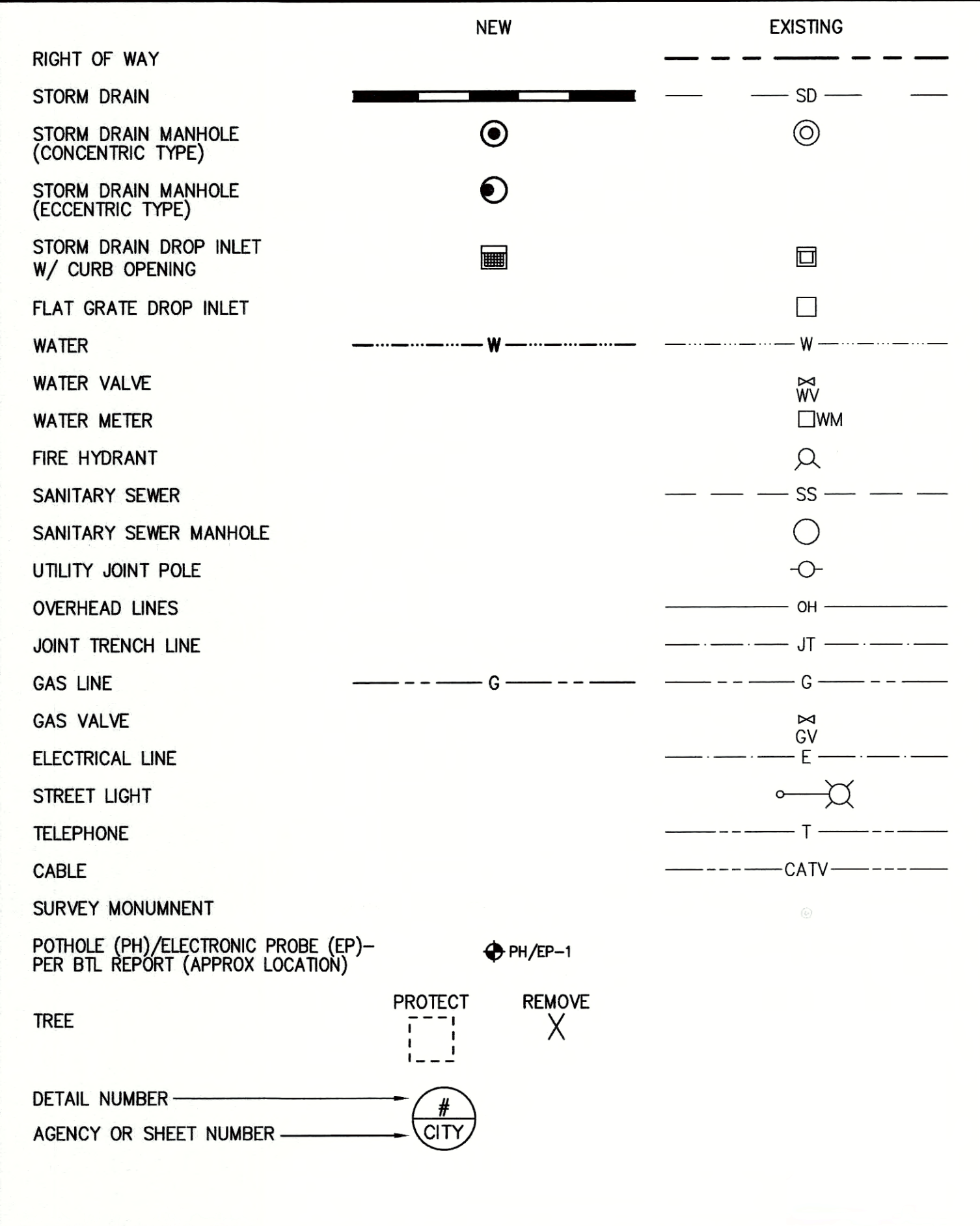
CITY OF CUPERTINO GENERAL NOTES (CONTINUED)

- 24. CONTRACTOR SHALL UTILIZE STORM WATER BEST MANAGEMENT PRACTICES (BMP'S) IN ACCORDANCE WITH THE CITY'S "CONSTRUCTION BEST MANAGEMENT PRACTICES" SHEET AND PROJECT TECHNICAL SPECIFICATIONS FOR ANY ACTIVITY THAT DISTURBS SOIL.
PROJECT SPECIFIC CONSTRUCTION NOTES
1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE ALL PERMITS NECESSARY TO PERFORM WORK, INCLUDING BUT NOT LIMITED TO WORK IN THE PUBLIC RIGHT-OF-WAY, GRADING, TREE REMOVAL, AND UTILITY MODIFICATIONS.
2. GEOTECHNICAL INVESTIGATION REPORT: A GEOTECHNICAL INVESTIGATION REPORT WAS NOT PREPARED FOR THIS PROJECT. (FOR CITY RECORD DOCUMENT INFORMATION REFER TO TECHNICAL SPECIFICATIONS, SECTION 31 00 00 - EARTHWORK, "SUMMARY - REFERENCES.")
3. CONTRACTOR SHALL SUPPLY ALL EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO PERFORM THE WORK SHOWN ON THESE PLANS.
4. IT SHALL BE THE RESPONSIBILITY OF THE VARIOUS CONTRACTORS TO COORDINATE THEIR WORK SO AS TO ELIMINATE CONFLICTS AND WORK TOWARDS THE GENERAL GOOD AND COMPLETION OF THE ENTIRE PROJECT.
5. ALL WORKMANSHIP AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE THE KIND AND QUALITY DESCRIBED IN THE TECHNICAL SPECIFICATIONS AND SHALL BE FIRST CLASS THROUGHOUT. NEITHER FINAL ACCEPTANCE NOR FINAL PAYMENT BY THE CITY SHALL RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR FAULTY MATERIALS AND/OR WORKMANSHIP.
6. IN THE EVENT OF ANY CONFLICT OF INFORMATION SHOWN ON THESE PLANS OR ANY CONFLICT BETWEEN THESE PLANS AND THE INTENT OF A CONSISTENT AND FUNCTIONAL PRODUCT, THE CONTRACTOR SHALL SO NOTIFY THE CITY IN WRITING, UPON WHICH NOTICE THE CITY SHALL RESOLVE THE CONFLICTS BY THE ISSUANCE OF A WRITTEN ORDER, REVISED PLANS OR BOTH. THE CONTRACTOR SHALL BEAR FULL COST AND RESPONSIBILITY FOR WORK AFFECTED BY SUCH CONFLICTS AND PERFORMED BY CONTRACTOR PRIOR TO SUCH NOTICE TO THE CITY AND ISSUANCE OF SUCH ORDER AND/OR REVISED PLANS.
7. CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING UTILITY LINES, FACILITIES, TREES, OR SURFACE IMPROVEMENTS, TO ANY EXISTING SIDEWALK, CURB AND GUTTER, STRUCTURES ON ADJACENT PRIVATE PROPERTY, SANITARY SEWER STRUCTURES AND PIPE, STORM DRAINAGE STRUCTURES AND PIPE, WATER STRUCTURES AND PIPE, TRAFFIC SIGNAL BOX, MANHOLES, OR LINES AND FACILITIES FOR UNDERGROUND ELECTRIC, GAS, TELEPHONE, CABLE TV, SANITARY, STORM, WATER, OR OTHER UTILITIES WHICH ARE TO REMAIN IN PLACE AND SHALL BEAR FULL COST AND RESPONSIBILITY FOR ANY DAMAGE THERETO. CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGE TO THE EXISTING FACILITIES TO THE PROJECT INSPECTOR AND APPROPRIATE MEASURES WILL BE TAKEN TO REPAIR OR REPLACE THE DAMAGED ITEM.
8. PRESERVATION OF SURVEY MONUMENTS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF EXISTING SURVEY MONUMENTS, BENCHMARKS, REFERENCE MARKS AND STAKES AS NOTED ON THE PLANS. THE CONTRACTOR SHALL REPLACE CITY MONUMENTS AND REFERENCE MARKS REMOVED DURING PERFORMANCE OF THE WORK (SEE CITY GENERAL NOTES AND THE PROJECT TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION).
9. THE CITY SHALL BEAR NO RESPONSIBILITY FOR THE METHODS AND PROCEDURES OF WORK ESTABLISHED BY THE CONTRACTOR, JOB SITE CONDITIONS, JOB SAFETY OR CONFORMANCE WITH SAFETY PROCEDURES AND REQUIREMENTS.
10. CONTRACTOR SHALL PERFORM WORK WITH THE LEAST AMOUNT OF DISRUPTION TO THE RESIDENTS.
11. ACCESS FOR PEDESTRIANS AND VEHICLES SHALL BE PROVIDED AT ALL TIMES UNLESS APPROVED IN ADVANCE IN WRITING FROM THE CITY.
12. IN CONFORMANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR 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 CITY AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR THE ENGINEER.
13. PROTECTIVE FENCING AND/OR BARRIERS SHALL BE PROVIDED WHEN NECESSARY TO PROTECT ADJACENT PROPERTIES AND ALL TREES TO BE SAVED AS NOTED ON THE PLANS.
ALL TREES SHOWN TO BE REMOVED IN THE PUBLIC RIGHT OF WAY OR EASEMENT SHALL BE REMOVED COMPLETELY, INCLUDING ROOTS, ROOT BALL, AND HAULED AWAY.
CONTRACTORS AND OTHERS PERFORMING WORK SHALL NOT REMOVE, DISTURB OR HARM IN ANY WAY ANY TREE NOT SPECIFICALLY DESIGNATED FOR REMOVAL.
14. ANY EXISTING LANDSCAPE IMPROVEMENTS THAT ARE REMOVED SHALL BE REPLACED IN KIND BY THE CONTRACTOR. THIS INCLUDES ITEMS SUCH AS PAVERS, PLANTS, FILTER FABRIC, SOD, DECORATIVE FENCING, MAIL BOXES, FLAG POLES, ETC.
15. PROTECT ALL DRAINAGE AND SEWAGE STRUCTURES AND PIPES FROM INFILTRATION OF ANY CONSTRUCTION DEBRIS FOR THE DURATION OF THE WORK.
16. MANHOLE ENTRY IS NOT ALLOWED WITHOUT COMPLYING WITH CONFINED SPACE ENTRY REQUIREMENTS.
17. HAZARD IDENTIFICATION: CONTRACTORS ARE HEREBY ADVISED THAT THEY MAY BE EXPOSED TO HAZARDOUS CONDITIONS WHEN MODIFYING SANITARY SEWER PIPELINES AND STRUCTURES. SOME OF THESE HAZARDS INCLUDE BUT ARE NOT LIMITED TO: EXPOSURE TO HAZARDOUS GASES COMMONLY FOUND IN SEWER SYSTEMS SUCH AS HYDROGEN SULFIDE, CARBON DIOXIDE, METHANE, OXYGEN DEFICIENT ENVIRONMENTS, AND OTHER FLAMMABLE OR EXPLOSIVE GASES; EXPOSURE TO SEWAGE WHICH MAY CONTAIN BACTERIOLOGICAL, CHEMICAL AND OTHER CONSTITUENTS HARMFUL TO HUMANS; AND EXPOSURE TO AREAS WHICH HAVE LIMITED OR RESTRICTED ACCESS AND EGRESS, WHICH MAY BE CONSIDERED PERMITTED CONFINED SPACES BY THE STATE AND FEDERAL OSHA REQUIREMENTS.
18. CURB AND SIDEWALK SURFACE IMPROVEMENTS:
A. EXACT LIMITS OF CURB AND SIDEWALK RECONSTRUCTION TO BE LOCATED IN THE FIELD BY THE PROJECT INSPECTOR.
B. SAWCUT EXISTING PAVEMENT AT LIMIT OF WORK.
C. AT CONFORMS ALL NEW CONCRETE CURBS, SIDEWALKS, DRIVEWAYS, VALLEY GUTTERS, AND STORM DRAIN INLET APRONS SHALL BE DOWELED INTO EXISTING PER CITY STANDARD DETAIL 1-23.

ABBREVIATIONS

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes items like AB AC AGGREGATE BASE ASPHALT CONCRETE OR ASBESTOS CEMENT, AD ALT ALTERANTE, BC BEG BEGIN, C OR CATV CABLE TELEVISION, DED DET DEDUCTIVE DETAIL, E EA EAST OR ELECTRIC, FC FG FACE OF CURB FINISHED GRADE, HDPE HP HIGH DENSITY POLYETHYLENE PIPE HORIZONTAL HIGH POINT, ID IN INSIDE DIAMETER INLET OR INCH INVERT, JB JP JUNCTION BOX JOINT UTILITY POLE JOINT TRENCH, LAT LF LATERAL LINEAR FEET LIP OF GUTTER LAMPHOLE, LG, LIG LH LOCATION, LP LT LOW POINT OR LIGHT POLE LEFT LANDSCAPE, MATL MAX MAXIMUM MANHOLE MINIMUM MISCELLANEOUS CITY SURVEY MONUMENT, N, (N) N/A NFB NIC NTS NEW OR NORTH NOT APPLICABLE N. FOOTHILL BOULEVARD NOT IN CONTRACT NOT TO SCALE, OC OD OF OVERFLOW OVERHEAD JOINT UTILITIES OVERHEAD ELECTRICAL OVERHEAD TELEPHONE ORIGINAL RECORDS, PCC PE POINT OF COMPOUND CURVE POLYETHYLENE PACIFIC GAS AND ELECTRIC POTHOLE PROPERTY LINE OR PLASTIC POINT OF INTERSECTION POWER POLE PROPOSED POINT POINT OF REVERSE CURVE POINT OF VERTICAL CURVE OR POLYVINYL CHLORIDE PAVEMENT PUBLIC SERVICE EASEMENT PUBLIC UTILITY EASEMENT CONTROL POINT CUPERTINO ROAD OR CURB RAMP CALTRANS STANDARD PLAN CUPERTINO SANITARY DISTRICT COVER CENTER, R, REC RAD RC REINFORCED CONCRETE PIPE ROAD RAILROAD RIGHT RIGHT-OF-WAY, S SCC SANTA CLARA COUNTY SANTA CLARA COUNTY TRAFFIC SIGNAL STORM DRAIN CURB INLET STANDARD THERMOPLASTIC PIPE DIMENSION RATIO STORM DRAIN MANHOLE SECTION SHEET TRAFFIC SIGNAL POLE SAN JOSE WATER COMPANY STREET LIGHT BOX SPECIFICATIONS SANITARY SEWER SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE STATION STANDARD STEEL SURVEY SIDEWALK, T, TELE T&B T&B AND BOTTOM TO BE RELOCATED TOP OF CURB OR CONCRETE TELEPHONE THEORETICAL FLOW LINE TOP FACE OF CURB THROUGH TOP OF PIPE TELEPHONE POLE TRAFFIC SIGNAL BOX TYPICAL, U UC UNDERGROUND UNKNOWN, V VAR VARIES OR VARIABLE VERTICAL CURB VERTICAL VITRIFIED CLAY PIPE VERTICAL SANTA CLARA VALLEY TRANSPORTATION AUTHORITY, W/ WM WATER METER WATER SERVICE WATER VALVE, X-ING CROSSING, YD YARD.

LEGEND



UTILITY POTHOLE AND VERIFICATION NOTES

- 1. THE LOCATION OF UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON ABOVE GROUND STRUCTURES AND SURFACE EVIDENCE. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES/ STRUCTURE MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/ STRUCTURES MAY BE ENCOUNTERED.
2. THE SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORD DRAWINGS PROVIDED BY EACH RESPECTIVE UTILITY AGENCY AND POTHOLING INFORMATION PROVIDED BY BESS TESTLAB, INC. (BTL) IN MAY AND SEPTEMBER 2016.
3. AS A FIRST ITEM OF WORK THE CONTRACTOR SHALL VERIFY THE ELEVATION OF ALL CONNECTION POINTS AND THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES CROSSING AND CLOSELY PARALLEL TO THE NEW CONSTRUCTION. ALL UTILITY LOCATIONS AND CROSSINGS SHOWN ON THESE PLANS ARE APPROXIMATE AND FOR GENERAL INFORMATION PURPOSES ONLY. CONTRACTOR SHALL NOTIFY CITY'S PROJECT INSPECTOR IMMEDIATELY OF ANY UTILITY CONFLICT. CONTRACTOR SHALL BE PAID FOR ADDITIONAL ITEMS OF CONSTRUCTION AS A RESULT OF A UTILITY CONFLICT BUT WILL NOT BE PAID FOR DELAY OR RE-MOBILIZATION COSTS. ANY ADDITIONAL PAYMENT FOR UTILITY CONFLICTS MUST BE APPROVED BY PROJECT INSPECTOR PRIOR TO THE ADDITIONAL CONSTRUCTION. CONTRACTOR MUST VERIFY ACTUAL LOCATIONS, SIZE, DEPTHS AND ELEVATION PRIOR TO CONSTRUCTION (FOR ADDITIONAL INFORMATION SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "PROTECTION OF EXISTING PROPERTY, STRUCTURES AND UTILITIES.")
4. ALL ABANDONED UNDERGROUND UTILITIES EXPOSED DURING THE NEW CONSTRUCTION SHALL BE REMOVED OR ADEQUATELY PLUGGED IN ACCORDANCE WITH THE CITY AND/OR EACH RESPECTIVE UTILITY AGENCY STANDARD REQUIREMENTS. THE CONTRACTOR SHALL NOTIFY THE CITY'S PROJECT INSPECTOR IMMEDIATELY UPON EXPOSING SAID ABANDONED UNDERGROUND UTILITIES. SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "NOTIFICATION REQUIREMENTS" FOR UTILITY OWNER CONTACT INFORMATION.

SITE TOPOGRAPHIC SURVEY NOTES

- 1. BASIS OF BEARING: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CENTERLINE OF CUPERTINO ROAD AS SHOWN ON THAT PARCEL MAP FILED IN BOOK 790 OF MAPS, PAGES 27-28 IN THE OFFICE OF THE COUNTY RECORDER, SANTA CLARA COUNTY, WITH A BEARING OF NORTH 89°53'00" WEST.
2. BENCHMARK INFORMATION: THE ELEVATIONS SHOWN HEREON ARE IN TERMS OF NAVD88, BASED UPON SANTA CLARA COUNTY WATER DISTRICT BM400 LOCATED ON THE NORTHWEST CORNER OF THE BRIDGE ON STEVENS CREEK BOULEVARD OVER STEVENS CREEK, ELEVATION = 305.47 FEET. A PROJECT BENCHMARK WAS SET NEAR THE NORTHERLY CURB RETURN AT THE NORTHWESTERLY CORNER OF NORTH FOOTHILL BOULEVARD AND SILVER OAK WAY, PK NAIL ELEVATION = 377.77 FEET.
3. PROPERTY RIGHT-OF-WAY LINES AND EASEMENTS SHOWN ON THESE PLANS WERE OBTAINED FROM RECORD MAP INFORMATION AND SHALL BE CONSIDERED APPROXIMATE.

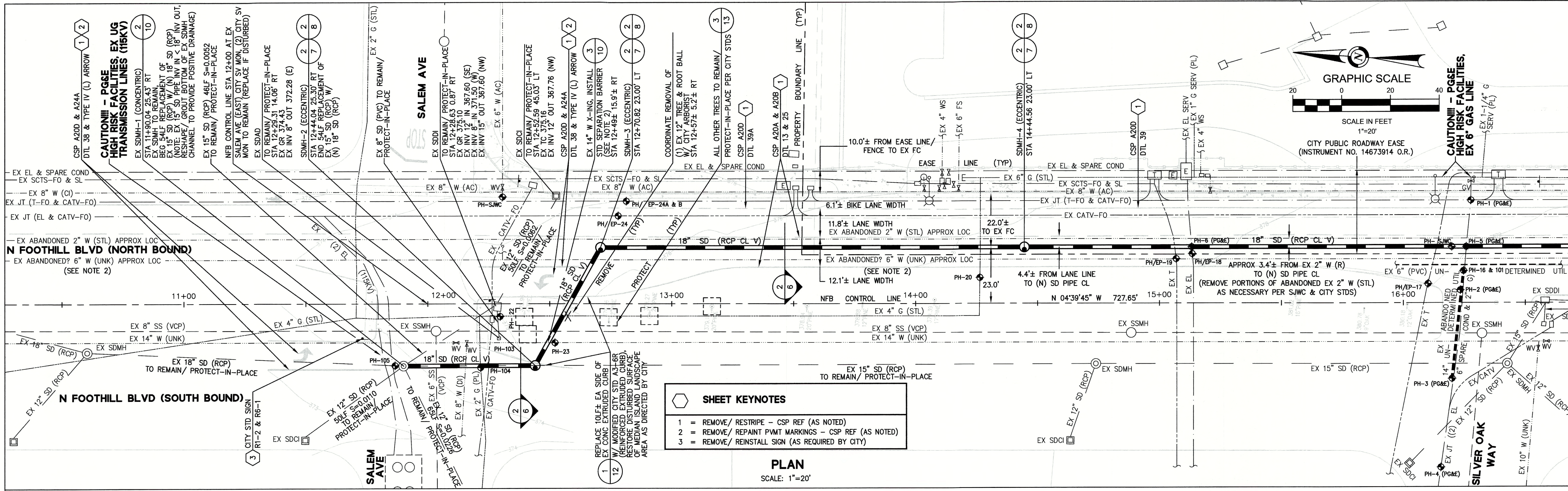
Pakpour Consulting Group, Inc. 5776 Stoneridge Mall Road, Suite 320 Pleasanton, CA 94588 925.224.7717 Fax 925.224.7726 www.pcgengr.com

Table with columns: JOB No., DATE, SCALE, DESIGN, DRAWN, CKD, SYMBOL, DATE, REVISIONS, BY, CKD.



City of Cupertino Public Works Department 10300 TORRE AVENUE, CUPERTINO, CA 95014 (408) 777-3354 FAX (408) 777-3333

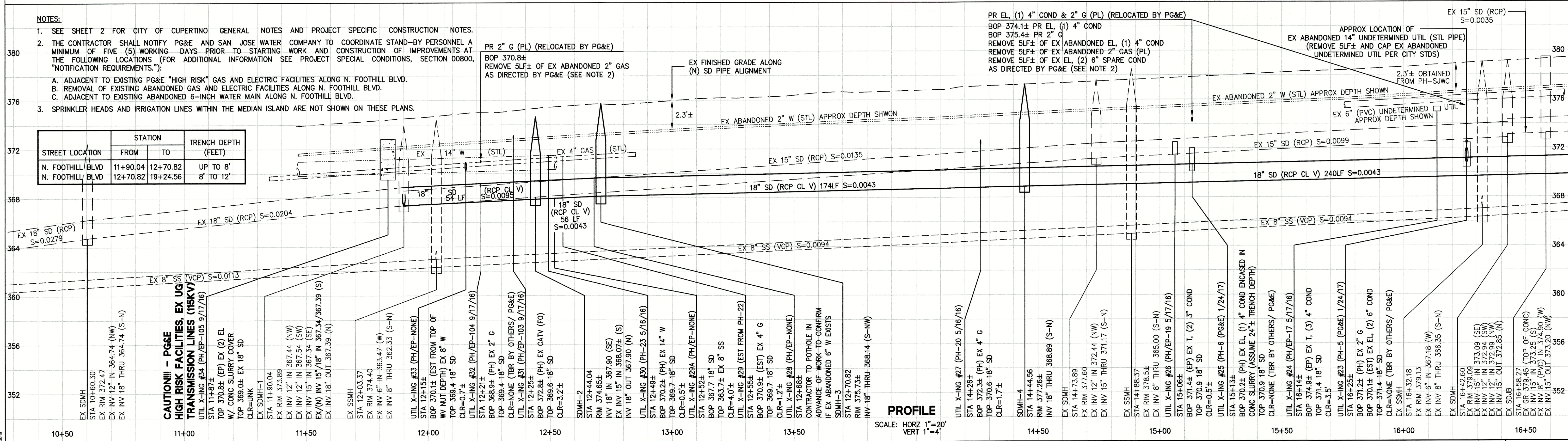
STORM DRAIN IMPROVEMENTS - N. FOOTHILL BLVD AND CUPERTINO RD GENERAL NOTES, ABBREVIATIONS & LEGEND SHEET 2 OF 14



SHEET KEYNOTES

- 1 = REMOVE/ RESTRIPE - CSP REF (AS NOTED)
- 2 = REMOVE/ REPAINT PAVT MARKINGS - CSP REF (AS NOTED)
- 3 = REMOVE/ REINSTALL SIGN (AS REQUIRED BY CITY)

PLAN
SCALE: 1"=20'



PROFILE
SCALE: HORIZ 1"=20'
VERT 1"=4'

NOTES:

- SEE SHEET 2 FOR CITY OF CUPERTINO GENERAL NOTES AND PROJECT SPECIFIC CONSTRUCTION NOTES.
- THE CONTRACTOR SHALL NOTIFY PG&E AND SAN JOSE WATER COMPANY TO COORDINATE STAND-BY PERSONNEL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK AND CONSTRUCTION OF IMPROVEMENTS AT THE FOLLOWING LOCATIONS (FOR ADDITIONAL INFORMATION SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "NOTIFICATION REQUIREMENTS."):
 - ADJACENT TO EXISTING PG&E "HIGH RISK" GAS AND ELECTRIC FACILITIES ALONG N. FOOTHILL BLVD.
 - REMOVAL OF EXISTING ABANDONED GAS AND ELECTRIC FACILITIES ALONG N. FOOTHILL BLVD.
 - ADJACENT TO EXISTING ABANDONED 6-INCH WATER MAIN ALONG N. FOOTHILL BLVD.
- SPRINKLER HEADS AND IRRIGATION LINES WITHIN THE MEDIAN ISLAND ARE NOT SHOWN ON THESE PLANS.

FOR CONTINUATION SEE SHEET 4 (STA 16+70)

FOR CONTINUATION SEE SHEET 4 (STA 16+70)

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JOB No.	10031.02
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SCALE	AS NOTED
DESIGN:	BY KAW
CKD	JP
DRAWN:	BY KAW/VLF
CKD	JP

REGISTERED PROFESSIONAL ENGINEER
JOSHUA W. PAKPOUR
No. C 59155
CIVIL
STATE OF CALIFORNIA
4/28/17

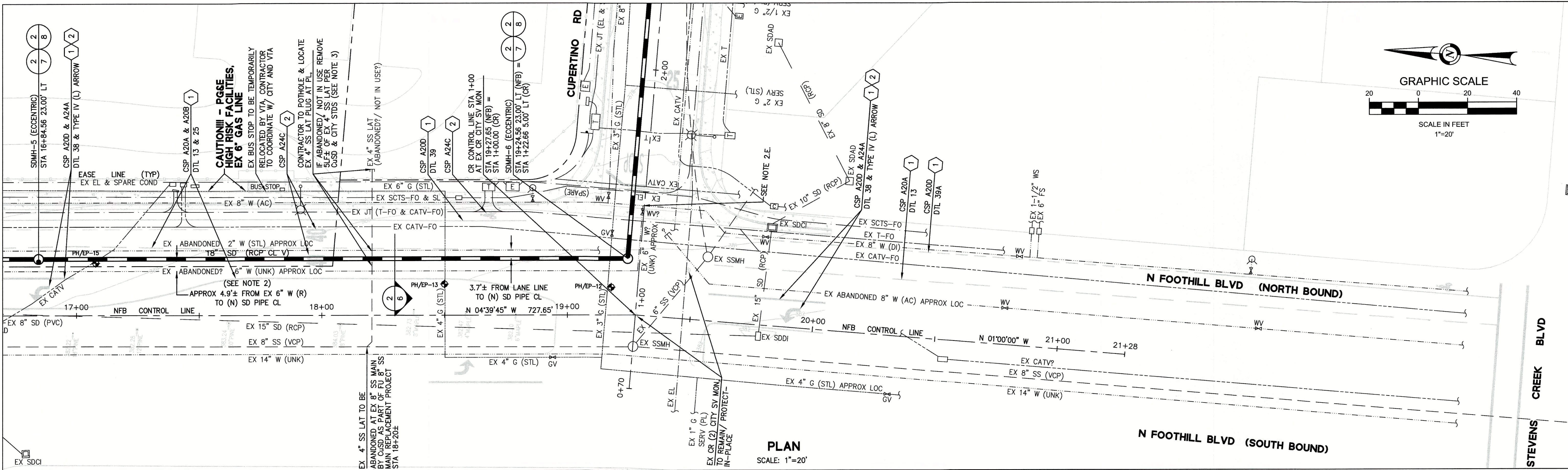
CITY OF CUPERTINO
Public Works Department
10300 TORRE AVENUE, CUPERTINO, CA 95014
(408) 777-3354 FAX (408) 777-3333

STORM DRAIN IMPROVEMENTS -
N. FOOTHILL BLVD AND CUPERTINO RD
N. FOOTHILL BLVD PLAN AND PROFILE

SHEET **3**
OF **14**

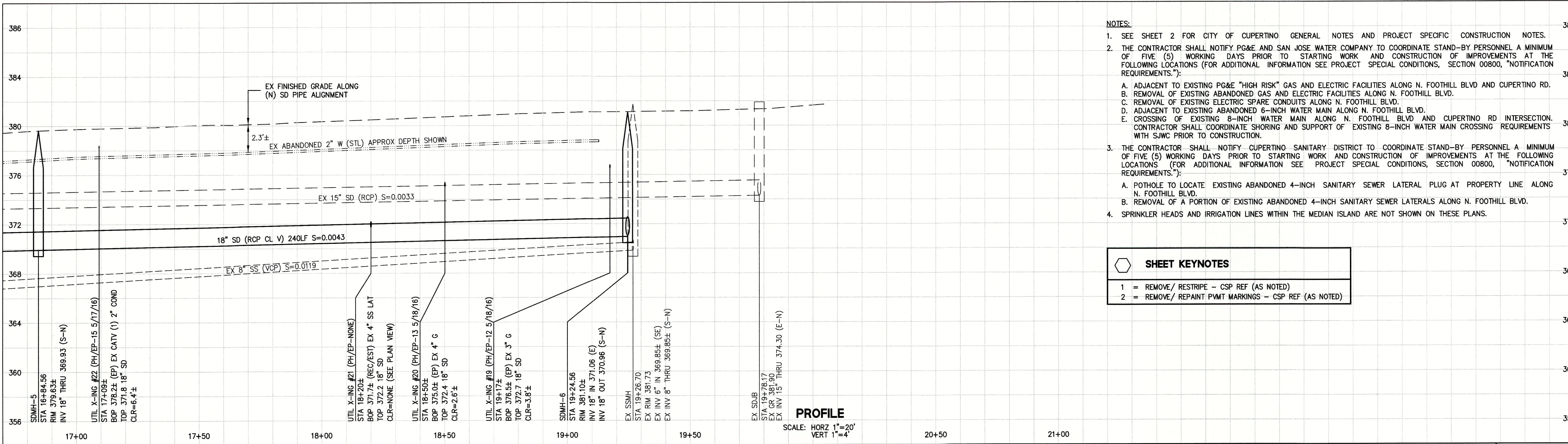
FOR CONTINUATION SEE SHEET 5

FOR CONTINUATION SEE SHEET 3 (STA 16+70)



PLAN
SCALE: 1"=20'

FOR CONTINUATION SEE SHEET 3 (STA 16+70)



PROFILE
SCALE: HORIZ 1"=20'
VERT 1"=4'

- NOTES:**
- SEE SHEET 2 FOR CITY OF CUPERTINO GENERAL NOTES AND PROJECT SPECIFIC CONSTRUCTION NOTES.
 - THE CONTRACTOR SHALL NOTIFY PG&E AND SAN JOSE WATER COMPANY TO COORDINATE STAND-BY PERSONNEL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK AND CONSTRUCTION OF IMPROVEMENTS AT THE FOLLOWING LOCATIONS (FOR ADDITIONAL INFORMATION SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "NOTIFICATION REQUIREMENTS."):
 - ADJACENT TO EXISTING PG&E "HIGH RISK" GAS AND ELECTRIC FACILITIES ALONG N. FOOTHILL BLVD AND CUPERTINO RD.
 - REMOVAL OF EXISTING ABANDONED GAS AND ELECTRIC FACILITIES ALONG N. FOOTHILL BLVD.
 - REMOVAL OF EXISTING ELECTRIC SPARE CONDUITS ALONG N. FOOTHILL BLVD.
 - ADJACENT TO EXISTING ABANDONED 6-INCH WATER MAIN ALONG N. FOOTHILL BLVD.
 - CROSSING OF EXISTING 8-INCH WATER MAIN ALONG N. FOOTHILL BLVD AND CUPERTINO RD INTERSECTION. CONTRACTOR SHALL COORDINATE SHORING AND SUPPORT OF EXISTING 8-INCH WATER MAIN CROSSING REQUIREMENTS WITH SJWC PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL NOTIFY CUPERTINO SANITARY DISTRICT TO COORDINATE STAND-BY PERSONNEL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK AND CONSTRUCTION OF IMPROVEMENTS AT THE FOLLOWING LOCATIONS (FOR ADDITIONAL INFORMATION SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "NOTIFICATION REQUIREMENTS."):
 - POTHOLE TO LOCATE EXISTING ABANDONED 4-INCH SANITARY SEWER LATERAL PLUG AT PROPERTY LINE ALONG N. FOOTHILL BLVD.
 - REMOVAL OF A PORTION OF EXISTING ABANDONED 4-INCH SANITARY SEWER LATERALS ALONG N. FOOTHILL BLVD.
 - SPRINKLER HEADS AND IRRIGATION LINES WITHIN THE MEDIAN ISLAND ARE NOT SHOWN ON THESE PLANS.

SHEET KEYNOTES	
1	= REMOVE/ RESTRIPE - CSP REF (AS NOTED)
2	= REMOVE/ REPAINT PVMT MARKINGS - CSP REF (AS NOTED)

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Pakpour Consulting Group, Inc.
5776 Stoneridge Mall Road, Suite 320
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JOB No.	10031.02			
DATE	04/28/17			
SCALE	AS NOTED			
DESIGN:	BY KAW			
	CKD JP			
DRAWN:	BY KAW/VLF			
	CKD JP			
SYMBOL	DATE	REVISIONS	BY	CKD



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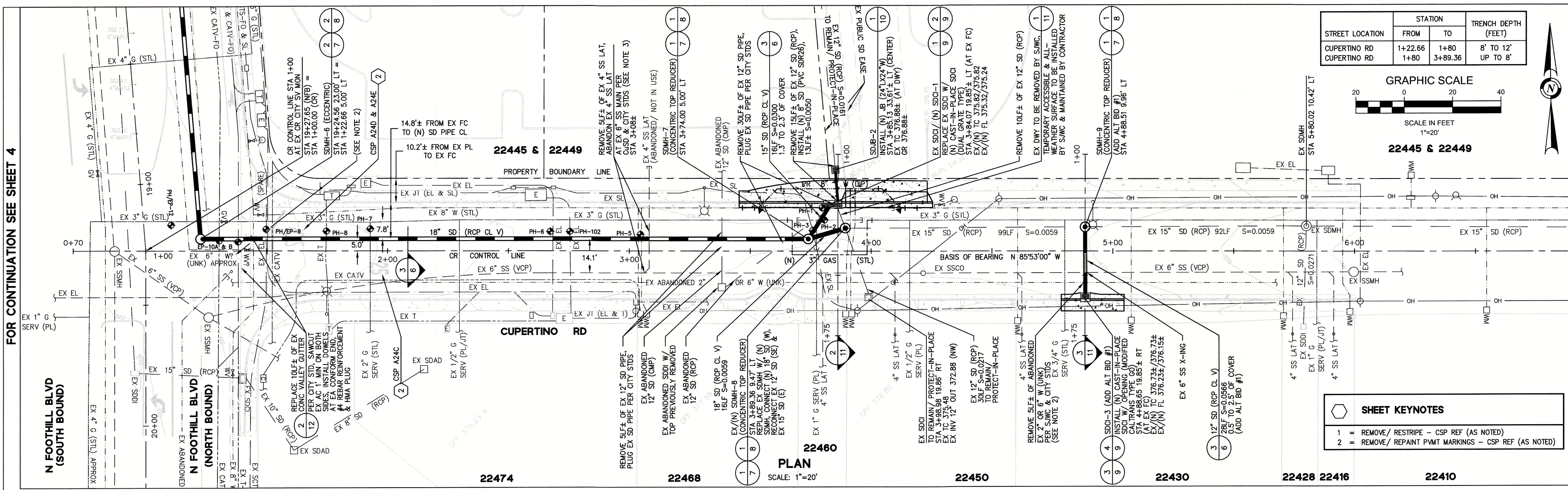
**STORM DRAIN IMPROVEMENTS -
N. FOOTHILL BLVD AND CUPERTINO RD
N. FOOTHILL BLVD PLAN AND PROFILE**

SHEET **4**
OF **14**

FOR CONTINUATION SEE SHEET 4

N FOOTHILL BLVD (SOUTH BOUND)

N FOOTHILL BLVD (NORTH BOUND)



STREET LOCATION	STATION		TRENCH DEPTH (FEET)
	FROM	TO	
CUPERTINO RD	1+22.66	1+80	8' TO 12'
CUPERTINO RD	1+80	3+89.36	UP TO 8'

GRAPHIC SCALE

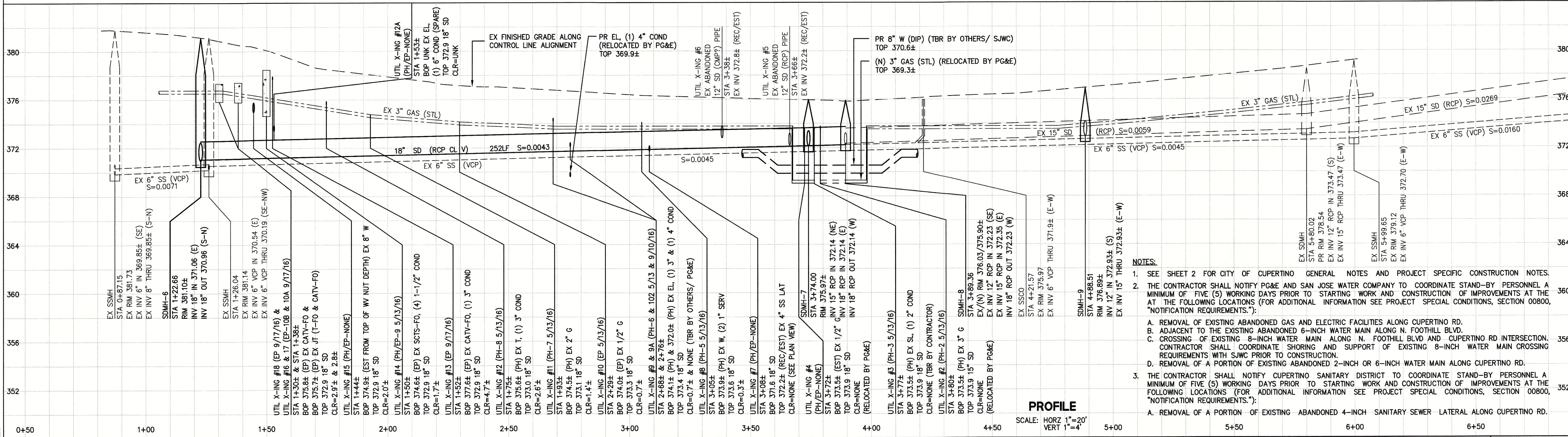


22445 & 22449

SHEET KEYNOTES	
1	REMOVE/ RESTRIPE - CSP REF (AS NOTED)
2	REMOVE/ REPAINT PVMT MARKINGS - CSP REF (AS NOTED)

22474 22460 22450 22430 22428 22416 22410

SCALE: 1"=20'



- NOTES:**
- SEE SHEET 2 FOR CITY OF CUPERTINO GENERAL NOTES AND PROJECT SPECIFIC CONSTRUCTION NOTES.
 - THE CONTRACTOR SHALL NOTIFY PG&E AND SAN JOSE WATER COMPANY TO COORDINATE STAND-BY PERSONNEL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK AND CONSTRUCTION OF IMPROVEMENTS AT THE AT THE FOLLOWING LOCATIONS (FOR ADDITIONAL INFORMATION SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "NOTIFICATION REQUIREMENTS."):
 - A. REMOVAL OF EXISTING ABANDONED GAS AND ELECTRIC FACILITIES ALONG CUPERTINO RD.
 - B. ADJACENT TO THE EXISTING ABANDONED 6-INCH WATER MAIN ALONG N. FOOTHILL BLVD.
 - C. CROSSING OF EXISTING 8-INCH WATER MAIN ALONG N. FOOTHILL BLVD AND CUPERTINO RD INTERSECTION. CONTRACTOR SHALL COORDINATE SHORING AND SUPPORT OF EXISTING 8-INCH WATER MAIN CROSSING REQUIREMENTS WITH SJWC PRIOR TO CONSTRUCTION.
 - D. REMOVAL OF A PORTION OF EXISTING ABANDONED 2-INCH OR 6-INCH WATER MAIN ALONG CUPERTINO RD.
 - THE CONTRACTOR SHALL NOTIFY CUPERTINO SANITARY DISTRICT TO COORDINATE STAND-BY PERSONNEL A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK AND CONSTRUCTION OF IMPROVEMENTS AT THE FOLLOWING LOCATIONS (FOR ADDITIONAL INFORMATION SEE PROJECT SPECIAL CONDITIONS, SECTION 00800, "NOTIFICATION REQUIREMENTS."):
 - A. REMOVAL OF A PORTION OF EXISTING ABANDONED 4-INCH SANITARY SEWER LATERAL ALONG CUPERTINO RD.

PROFILE

SCALE: HORIZ 1"=20' VERT 1"=4'

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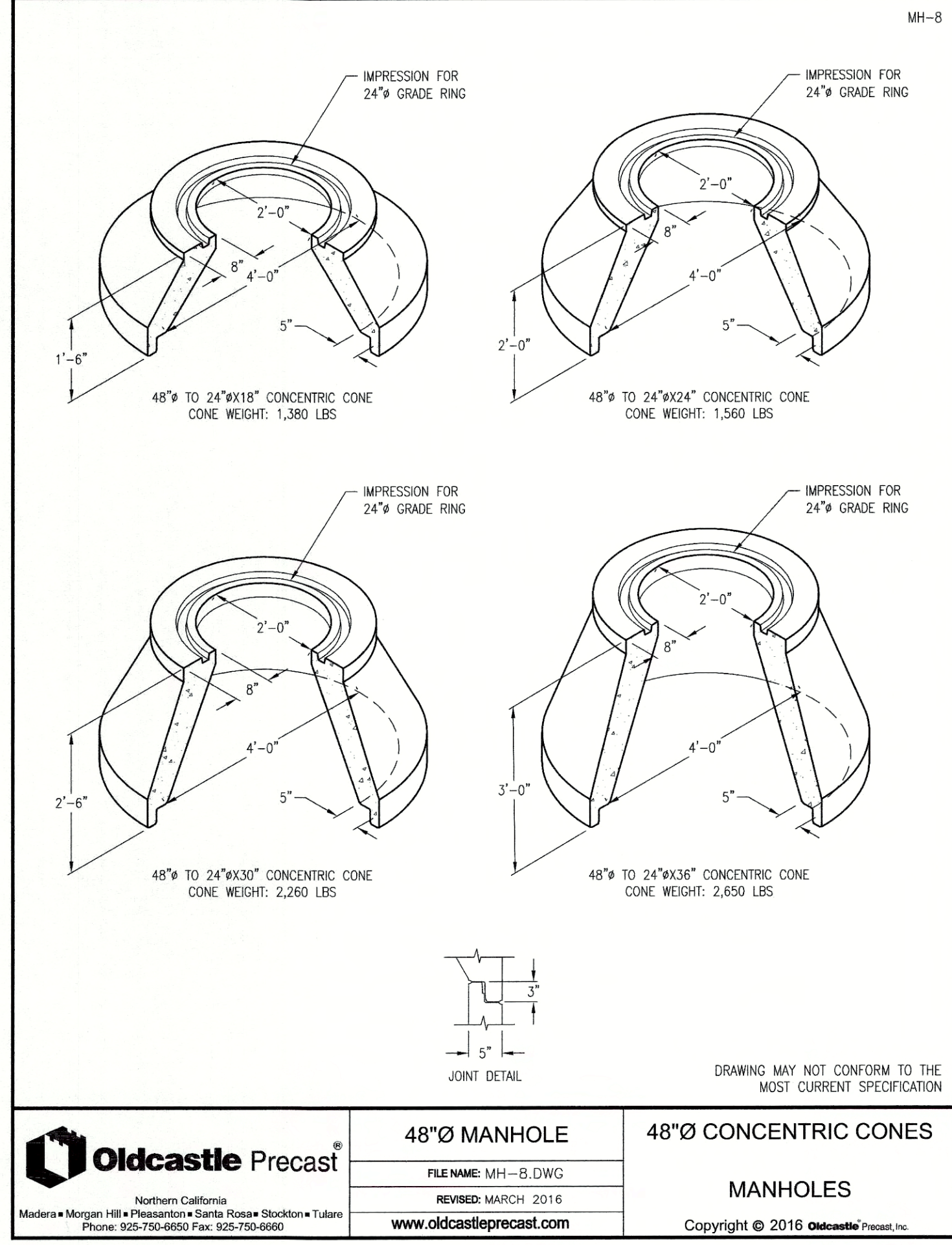
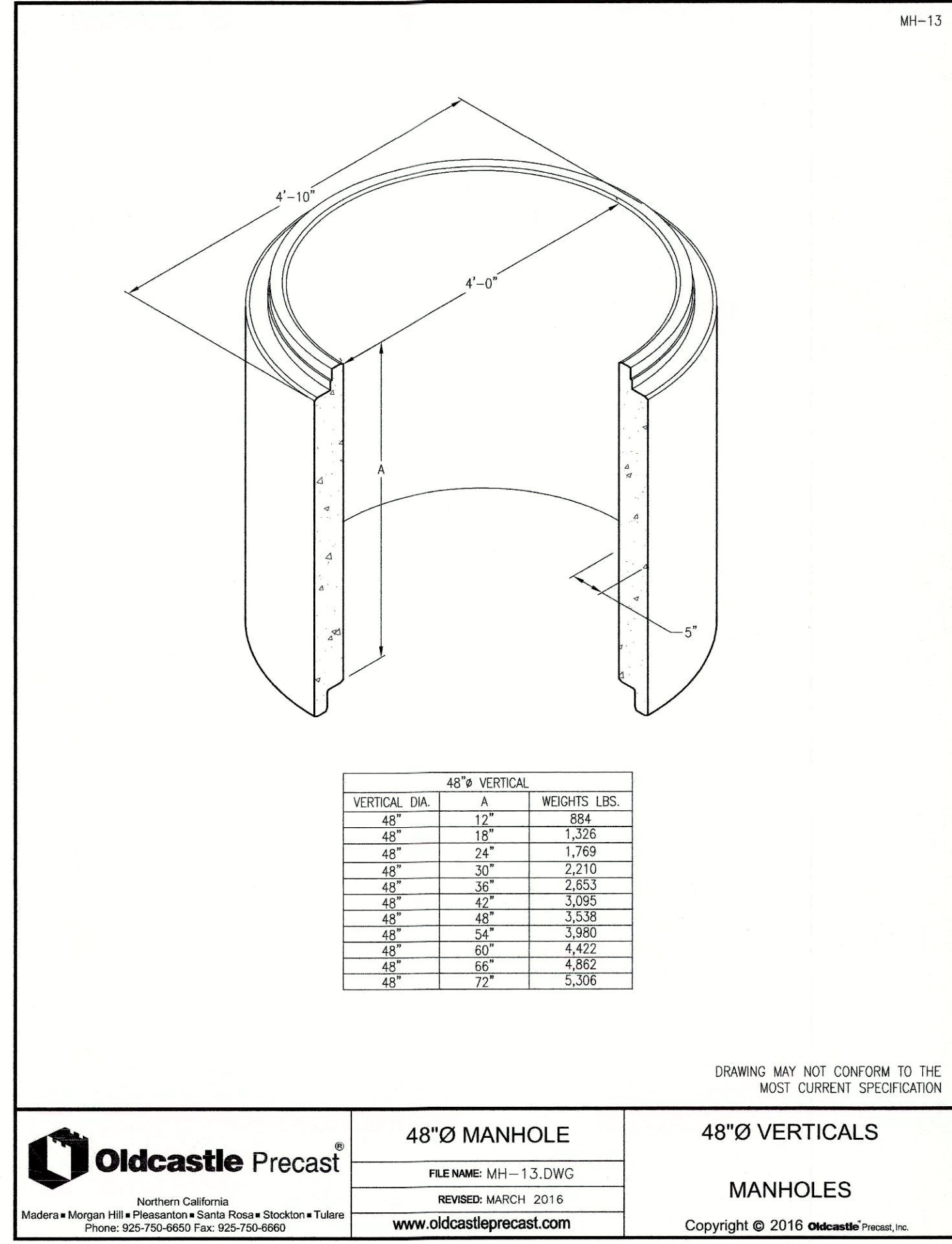
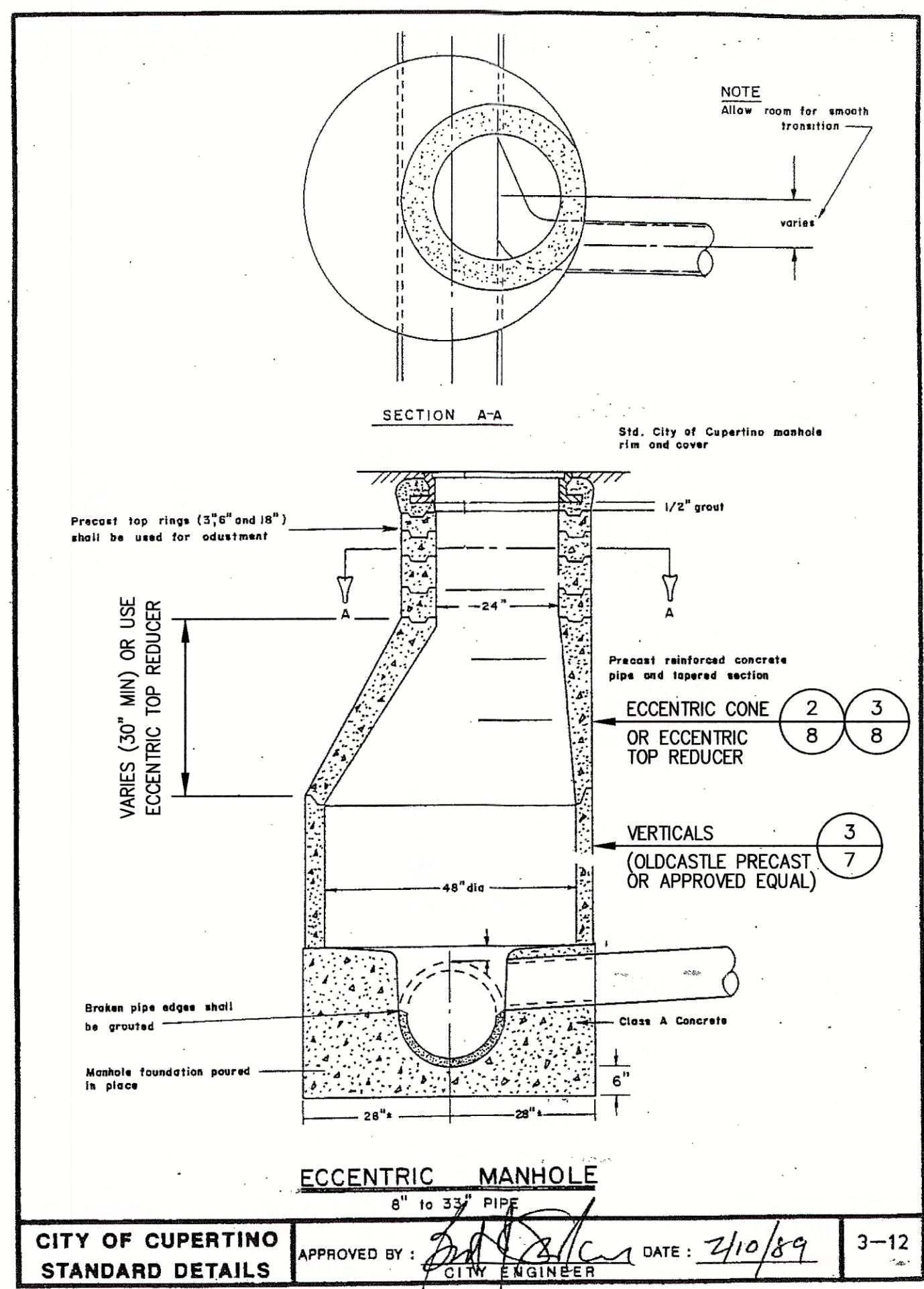
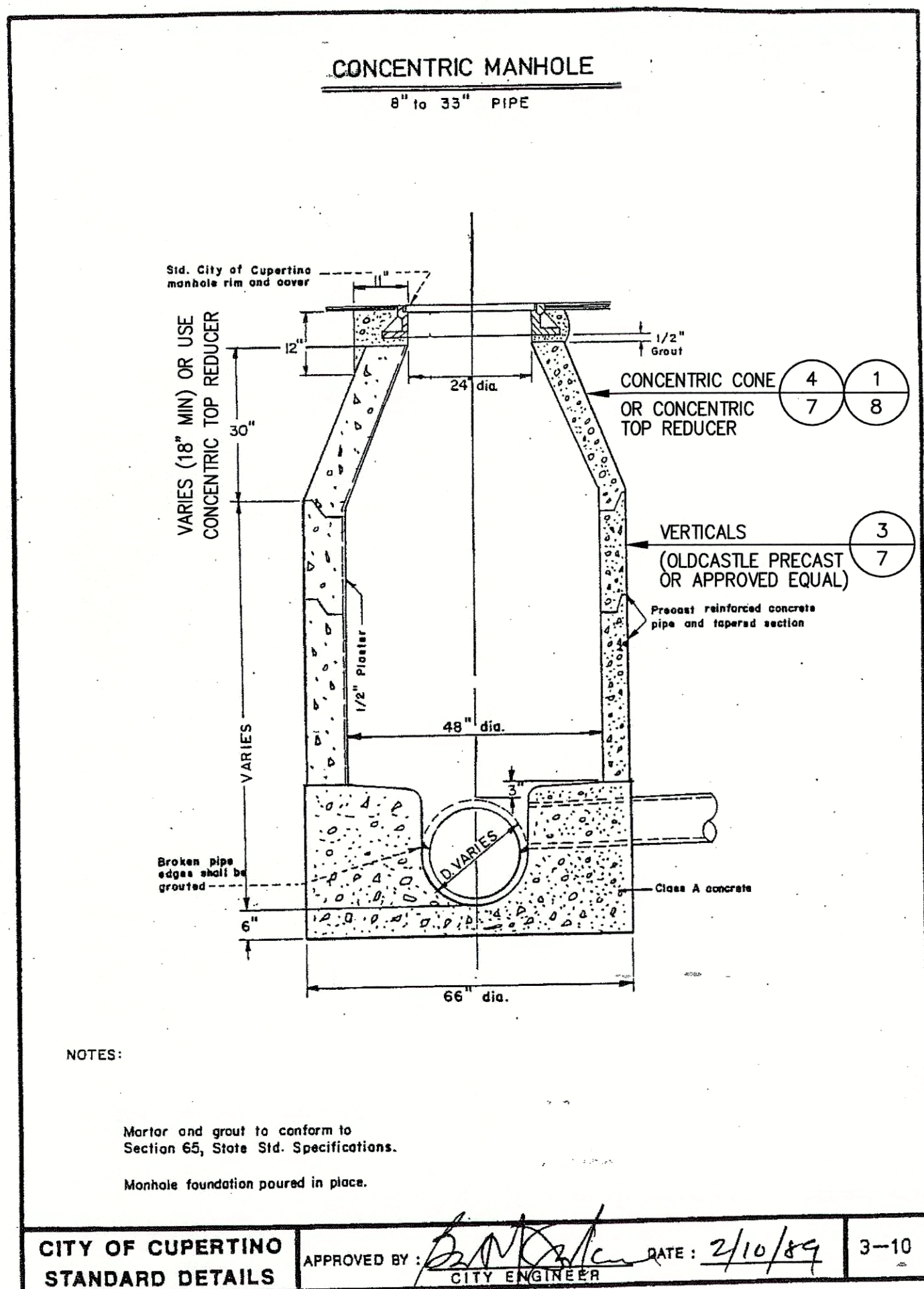
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STORM DRAIN IMPROVEMENTS -
N. FOOTHILL BLVD AND CUPERTINO RD
CUPERTINO RD PLAN AND PROFILE

SHEET **5**
 OF **14**



- NOTES:
- PRIOR TO ORDERING MANHOLE CONCENTRIC CONES AND/OR TOP REDUCER CONTRACTOR SHALL COORDINATE WITH THE CITY'S PROJECT INSPECTOR TO REVIEW EXISTING FIELD CONDITIONS (VEHICLE WHEEL PATH) TO VERIFY USE OF CONCENTRIC OR ECCENTRIC MANHOLE.

1
7
STORM DRAIN MANHOLE (CONCENTRIC)
(MODIFIED CITY STD. NO. 3-10)
N.T.S.

- NOTES:
- PRIOR TO ORDERING MANHOLE ECCENTRIC CONES AND/OR TOP REDUCER CONTRACTOR SHALL COORDINATE WITH THE CITY'S PROJECT INSPECTOR TO REVIEW EXISTING FIELD CONDITIONS (VEHICLE WHEEL PATH) TO VERIFY USE OF CONCENTRIC OR ECCENTRIC MANHOLE.
 - PRIOR TO INSTALLATION OF MANHOLE ECCENTRIC CONES CONTRACTOR SHALL COORDINATE ORIENTATION OF RIM AND COVER WITH CITY'S PROJECT INSPECTOR.

2
7
STORM DRAIN MANHOLE (ECCENTRIC)
(MODIFIED CITY STD. NO. 3-12)
N.T.S.

3
7
STORM DRAIN MANHOLE
48" DIA VERTICALS
(OLDCASTLE PRECAST OR APPROVED EQUAL)
(MODIFIED CITY STD. NO. 3-10 & 3-12)
N.T.S.

4
7
STORM DRAIN MANHOLE
48" DIA CONCENTRIC CONES
(OLDCASTLE PRECAST OR APPROVED EQUAL)
(MODIFIED CITY STD. NO. 3-10)
N.T.S.

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**STORM DRAIN IMPROVEMENTS -
N. FOOTHILL BLVD AND CUPERTINO RD
STORM DRAIN DETAILS**