

<p>A/C AIR CONDITIONING AB ANCHOR BOLT ABAN ABANDON ABC AGGREGATE BASE COURSE ABS ABSOLUTE ABUT ABUTMENT ABV ABOVE AC ASPHALTIC CONCRETE ACKV AUTOMATIC CHECK VALVE ACP DIAGONAL ASBESTOS CEMENT PIPE ACS ACCESS ADA AMERICAN DISABILITY ACT AD AREA DRAIN ADDL ADDITIONAL ADDM ADDENDUM ADJ ADJUSTABLE AGGR AGGREGATE AHD AHEAD AL ALUMINUM ALT ALTERNATE AMS ANGLE METER STOP AMT AMOUNT & AND ANSI AMERICAN NATIONAL STANDARDS INSTITUTE ANT ANTENNA AP ACCESS PANEL APN ASSESSOR PARCEL NUMBER APPROX APPROXIMATE ASPHV ASPHALT ASSN ASSOCIATION ASSY ASSEMBLY ASTM AMERICAN SOCIETY OF TESTING MATERIALS AUX AUXILIARY AV AIR VENT/AIR VALVE AVG AIR VACUUM AIR RELEASE VALVE AVE AVENUE AWG AMERICAN WIRE GAUGE AWWA AMERICAN WATER WORKS ASSOCIATION</p>	<p>D OR Δ DELTA ANGLE D/W DRIVEWAY DEC DECIMETER DEMO DEMOLITION DEPT DEPARTMENT DET DETAIL DEV DEVELOPMENT DI DROP INLET OR DUCTILE IRON DIA OR Ø DIAMETER DIAG DIAGONAL DIM DIMENSION DIP DUCTILE IRON PIPE DIR DIRECTION DISCH DISCHARGE DIST DISTANCE DISTR DISTRIBUTE DIV DIVISION DL DEAD LOAD DMH DROP MANHOLE DN DOWN DRIVE DRIVE DRW DRY WELL DUPL DUPLICATE DWG DRAWING DWR STATE OF CALIFORNIA DEPARTMENT OF WATER RESOURCES</p>	<p>ID INSIDE DIAMETER IN INCH INST INSTALL INSTR INSTRUMENT INSUL INSULATION INT INTERIOR INV INVERT IPS IRON PIPE SIZE IRR IRRIGATION</p>	<p>- J - JT JOINT</p>	<p>- K - kg KILOGRAM km KILOMETER</p>	<p>- L - LAD LADDER LB OR # POUND LDR LEADER LEN OR L LENGTH OF CURVATURE LF LINEAR FOOT LG LONG LN LANE LT LEFT/LIGHT LWR LOWER</p>	<p>- M - M METER MATL MATERIAL MAX MAXIMUM MC MORTAR COATED MEAS MEASUREMENT MECH MECHANICAL MFR MANUFACTURER MG MILLION GALLONS MGD MILLION GALLONS PER DAY MH MANHOLE MIN MINIMUM MISC MISCELLANEOUS MJ MECHANICAL JOINT MKR MARKER ML MORTAR LINED MLC MORTAR LINED & COATED MON MONUMENT MOV MOTOR OPERATED VALVE MPT MALE PIPE THREAD MSD MAIN SERVICE DISTRIBUTION MSDS MATERIAL SAFETY DATA SHEET MTD MOUNTED</p>	<p>- N - N NORTH N/A NOT APPLICABLE NaOCL SODIUM HYPOCHLORITE NAVD NORTH AMERICAN VERTICAL DATUM NAP NOT-A-PART NBS NATIONAL BUREAU OF STANDARDS NC NATIONAL COURSE NE NORTHEAST NF NORTH FACE NFPA NATIONAL FIRE PROTECTION ASSOCIATION NG NATURAL GROUND NIC NOT IN CONTRACT NIP NOT IN PROJECT NO. # NUMBER NOM NOMINAL NPS NOMINAL PIPE SIZE NPT NATIONAL TAPER PIPE THREAD NTS NOT TO SCALE NW NORTHWEST</p>	<p>- O - O/O OUT TO OUT OC ON CENTER OD OUTSIDE DIAMETER OF OUTSIDE FACE OFC OFFICE OH OVER HEAD OHP OVER HEAD POWER OHTEL OVER HEAD TELEPHONE OPER OPERATOR OPNG OPENING OPP OPPOSITE ORF ORIFACE ORIG ORIGINAL OS&Y OUTSIDE SCREW & YOKE OSHA OCCUPATIONAL SAFETY AND HEALTH OVFL ADMINISTRATION oz OVERFLOW OUNCE</p>	<p>- P - P POLE/PRESSURE/PIPE/POWER P/L OR P PROPERTY LINE PAT PATENT PAVMT PAVEMENT PB PULL BOX PC PRESSURE CLASS PCCP PRESTRESSED CONCRETE CYLINDER PIPE PDL PUMP DISCHARGE LINE PE PLAIN END/POLYETHYLENE PIPE PED PEDESTAL PERM PERMANENT PERP PERPENDICULAR PG PRESSURE GAUGE PH PHASE PI POINT OF INTERSECTION PHYD POST HYDRANT PKG PACKAGE</p>	<p>- Q - QCQ QUICK COUPLER VALVE QDC QUICK DISCONNECT COUPLING QS QUAD SHEET QTR QUARTER QTY QUANTITY</p>	<p>- R - R RADIUS (R) RADIAL R/W RIGHT-OF-WAY RCB REINFORCED CONCRETE BOX RCP REINFORCED CONCRETE PIPE RD ROAD REC RECESSED RECT RECTANGULAR RED REDUCER REF REFERENCE (DIMENSION) REG REGULATING (REGULATOR) REINF REINFORCED (REBAR) REQD REQUIRED RES RESIDENTIAL OR RESERVOIR RET RETURN REV REVISION OR REVERSE RF RAISED FACE RHWC RIVERSIDE HIGHLAND WATER COMPANY RM ROOM RME RESIDENTIAL MAIN EXTENSION RPM REVOLUTIONS PER MINUTE RPS REVOLUTIONS PER SECOND RPPA REDUCED PRESSURE PRINCIPLE ASSEMBLY RR RAILROAD RSGV RESILIENT SEALED GATE VALVE RT RIGHT/RING TITE RV RELIEF VALVE</p>	<p>- S - S SOUTH/SLOPE SA SAMPLE LINE SBCFCSD SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT SBMWD SAN BERNARDINO MUNICIPAL WATER DEPARTMENT SBVMWD SAN BERNARDINO VALLEY MUNICIPAL WATER DEPARTMENT S/C SAW CUT SCCP STEEL CYLINDER CONCRETE PIPE SCH SCHEDULE SD STORM DRAIN SDWK SIDEWALK SE SOUTHEAST SEC SECTION/SECOND(ARY) SEG SEGMENT SHLDR SHOULDER SHT SHEET SID SPECIAL IMPROVEMENT DISTRICT SIG SIGNAL SIM SIMILAR SL SLOPE SLV SLEEVE SO STUBOUT SPC STATE PLANE COORDINATES SPEC(S) SPECIFICATION(S) SQ SQUARE SQ FT SQUARE FOOT (FEET) SQ YD SQUARE YARD SR SAMPLE RETURN SRM SINGLE RESIDENTIAL MAIN SS SANITARY SEWER ST STREET STA STATION STD STANDARD STR STIRRUP STL STEEL STLT STREET LIGHT SSPWC STANDARDS & SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION</p>	<p>- T - T THICKNESS OF WELD T TELEPHONE/TANGENT T&B TOP & BOTTOM T&G TONGUE & GROOVE</p>	<p>- (CONT.) PARKWAY PLACE /PLATE/PARCEL LINE PROFESSIONAL LAND SURVEYOR PLATE (DRAWING) PUSH-ON POLYETHYLENE POWER POLE PARTS PER MILLION PAIR PATENT RESERVATION PRECAST REINFORCED PIPE/ POINT OF REVERSE CURVE PRELIM PRELIMINARY PRIM PRIMARY PROP PROPOSED PS PRESSURE REGULATING VALVE PS PRESSURE SWITCH/PUMP STATION PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT POINT/POINT OF TANGENCY PV PLUG VALVE PVC POLYVINYL CHLORIDE PIPE</p>	<p>- (CONT.) TANGENT THREAD BOTH ENDS TEMPORARY BENCH MARK TC TOP OF CURB TD TRENCH DRAIN TDH TOTAL DYNAMIC HEAD TEMP TEMPORARY THK THICK(NESS) THR BLK THRUST BLOCK THRD THREADED TK TANK TMH TOP OF MANHOLE TOE THREAD ONE END TOF TOP OF FOOTING TOG TOGETHER TOGR TOP OF GRATE TOP OF PIPE TOR TOP OF RIM TOS TOP OF SLAB TOSTL TOP OF STEEL TOSW TOP OF SIDEWALK TOT TOTAL TOW TOP OF WALL TP TELEPHONE POLE/TOP OF PIPE TR TRAIL OF TRACK/TOP OF RIM TRANS TRANSITION/TRANSMISSION (TYP) TYPICAL</p>	<p>- U - UDS UNIFORM DESIGN STANDARDS FOR SAN BERNARDINO MUNICIPAL WATER DEPARTMENT UE UNDERGROUND ELECTRIC UFC UNIFORM FIRE CODE UG UNDERGROUND UGC UNDERGROUND CONDUIT UGP UNDERGROUND POWER UGT UNDERGROUND TELEPHONE UL UNDERWRITERS LABORATORIES UNC AMERICAN STANDARD UNIFIED COARSE THREAD UNF AMERICAN STANDARD UNIFIED FINE THREAD UNIV UNIVERSAL UNO UNLESS NOTED OTHERWISE UPC UNIFORM PLUMBING CODE UPRR UNION PACIFIC RAILROAD USGS UNITED STATES GEOLOGIC SURVEY UTIL UTILITIES</p>	<p>- V - V VOLT OR VALVE VAC VACUUM VARIES VARIES VB VALVE BOX VCP VITRIFIED CLAY PIPE VEL VELOCITY VENT VENTILATOR VERT VERTICAL VFD VARIABLE FREQUENCY DRIVE VG VALLEY GUTTER VHF VERY HIGH FREQUENCY VIB VIBRATION VIN VINYL VISC VISCOSITY VOL VOLUME VPI VERTICAL POINT OF INTERSECTION VS VALVE SHEET VT VENT</p>	<p>- W - W/W WITH W WEST/WATER W/O WITHOUT WD WIDTH WDH WASTE DRAIN WF WIDE FLANGE WH WALL HYDRANT WI WROUGHT IRON WL WASTE LINE WLD WELDED WM WATER METER WP WORK POINT/WEATHER PROOF WS WATER SURFACE WSP WELDED STEEL PIPE WSTP WATER STOP WT WEIGHT WTR WATER WW WATER VALVE WWF WELDED WIRE FABRIC WWM WELDED WIRE MESH</p>	<p>- X - XARM CROSS ARM XFMR TRANSFORMER XFR TRANSFER XSEC CROSS SECTION</p>	<p>- Y - YD YARD YH YARD HYDRANT YLD YIELD</p>
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CITY OF SAN BERNARDINO, PARKS, RECREATION AND COMMUNITY SERVICES DEPARTMENT CONSTRUCTION NOTES

- WORK WITHIN THE CITY OF SAN BERNARDINO PARKS, RECREATION AND COMMUNITY SERVICE (PARKS DEPARTMENT) PROPERTY SHALL BE COORDINATED WITH JOHN T. TUCKER, PARK MAINTENANCE SUPERVISOR A MINIMUM OF 48-HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY WITHIN PARKS DEPARTMENT PROPERTY.
- LOCATIONS OF THE EXISTING IRRIGATION PIPING WITHIN THE PARKS DEPARTMENT PROPERTY HAS BEEN SHOWN TO THE BEST KNOWN INFORMATION AVAILABLE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL IRRIGATION PIPING, ELECTRICAL CONDUITS, AND APPURTENANCES. ALL IRRIGATION PIPING AND ELECTRICAL CONDUITS SHALL BE PROTECTED AT ALL TIMES BY CONTRACTOR AND REMAIN IN SERVICE DURING CONSTRUCTION. SHUTDOWN OF ANY IRRIGATION ZONES WILL BE LIMITED TO A MAXIMUM OF 4 HOURS. ANY DAMAGES TO IRRIGATION PIPING, ELECTRICAL CONDUITS, OR APPURTENANCES SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR UNDER THE SUPERVISION OF A PARKS DEPARTMENT REPRESENTATIVE.
- ALL LANDSCAPE FEATURES, INCLUDING GRASS, TREES, SHRUBS, PLANTERS, MONUMENTS, AND OTHER MISCELLANEOUS LANDSCAPE FEATURES DISTURBED OR DESTROYED AS A RESULT OF THE CONTRACTORS ACTIVITIES SHALL BE REPLACED TO PRE-CONSTRUCTION CONDITIONS BY THE CONTRACTOR AT THE DIRECTION OF A PARKS DEPARTMENT REPRESENTATIVE. ALL LANDSCAPE RESTORATION ACTIVITIES SHALL MEET OR EXCEED THE PARKS DEPARTMENT STANDARDS.
- ALL TRENCH EXCAVATIONS SHALL BE RESTRICTED FROM ENTRY AND COVERED COMPLETELY AFTER WORKING HOURS TO PREVENT VANDALISM AND ACCIDENTS BY THE GENERAL PUBLIC.
- ALL MISCELLANEOUS CONCRETE SIDEWALKS SHALL BE REPLACED PER CITY STD. PLAN NO. 202 BY THE CONTRACTOR TO THE NEAREST CONSTRUCTION JOINTS AS DIRECTED BY A PARKS DEPARTMENT REPRESENTATIVE.
- ALL MISCELLANEOUS CONCRETE CURB AND GUTTER REPLACEMENT SHALL BE PER CITY STD. PLAN NO. 200 BY THE CONTRACTOR AS DIRECTED BY PARKS DEPARTMENT REPRESENTATIVE.
- ALL LANDSCAPE RELATED WORK BY THE CONTRACTOR SHALL COME WITH A 180 CALENDAR DAY WARRANTY AT NO COST TO THE DEPARTMENT.

SURVEY INFORMATION

SURVEYOR
EDC CONSULTANTS
350 WEST FIFTH STREET, SUITE 201A
BENCHMARK
1 1/4" BRASS DISC MARKED "MUSCOY BL-S 2001" LOCATED AT THE S.W. CORNER OF BASELINE AVENUE AND STODDARD AVENUE IN TOP OF CONCRETE CURB 2 FEET SOUTH OF ECR.
ELEV.= 1099.39 FEET NGVD29
BASIS OF BEARING
THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83, ZONE V, AS DEFINED BY THE FOLLOWING CORN CONTROL STATIONS:
LAKE SKINNER (BILL) CORN STA. PID AF9684H
PINON 1 (PIP) CORN STA. PID AF9708H
DATE OF SURVEY
APRIL 2, 2003

NOTE:
THIS IS A STANDARD ABBREVIATION SHEET.
SOME ABBREVIATIONS MAY APPEAR ON THIS SHEET
BUT ARE NOT USED IN THE PLANS. ALL
ABBREVIATIONS USED ON THE PLANS MUST APPEAR
ON THIS SHEET.

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
811
TWO WORKING DAYS
BEFORE YOU DIG

ENGINEER'S SEAL
APPROVED BY: _____ DATE: _____
REGISTERED CIVIL ENGINEER No. XXXXX

MARK	DESIGNED BY: XX	DRAWN BY: XX	CHECKED BY: XX	DESIGN ENGINEER	SBMWD ENGINEER
REVISIONS	APPROVED	DATE	APPROVED	DATE	

BENCHMARK:

ELEV.= XXXX.XX FT.

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT
PROJECT TITLE
ABBREVIATIONS, SURVEY INFORMATION
AND PARK RECREATION NOTES

DRAWING SCALES:
HORIZ: N/A VERT: N/A
C.O. NO.:
XXXX
DWG G4
SHEET **4** OF **XX**