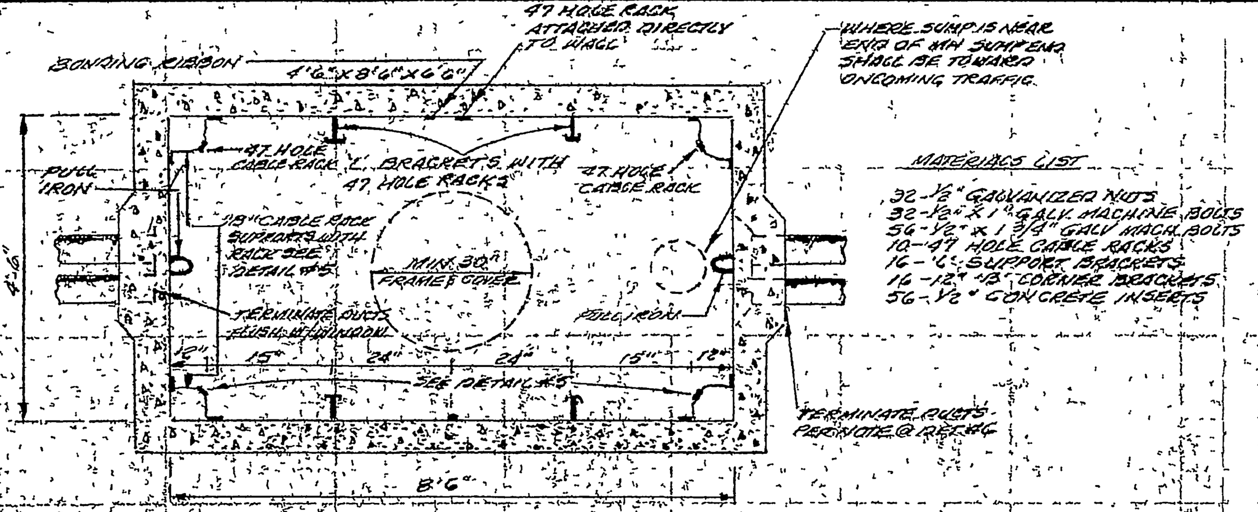
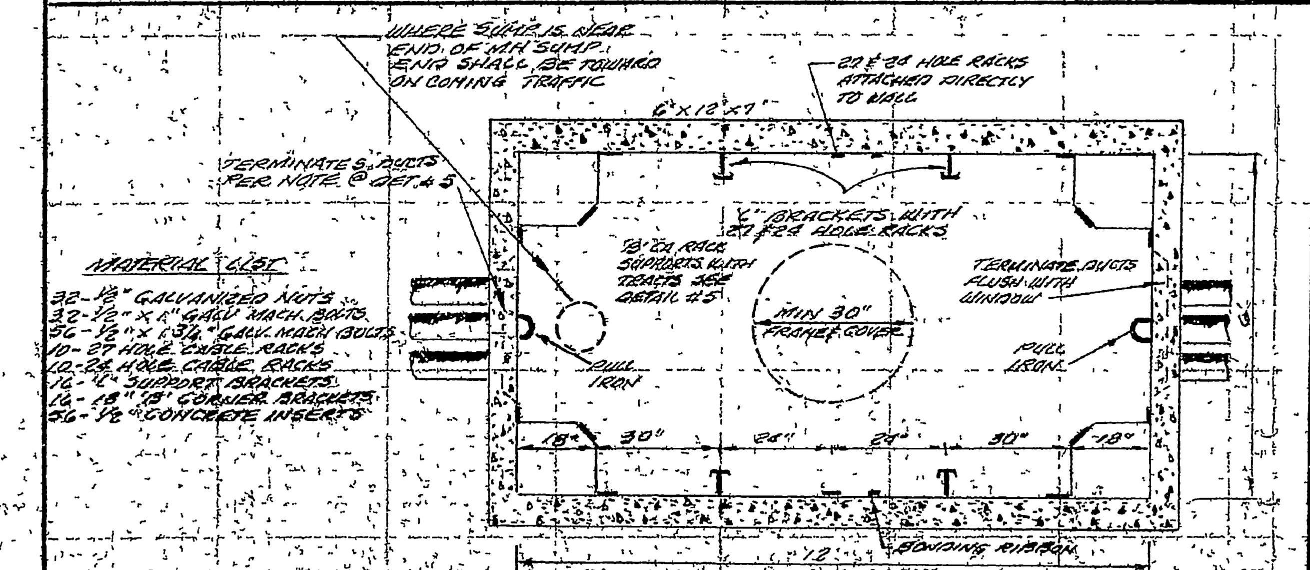
PACIFIC BELL
NEVADA BELL

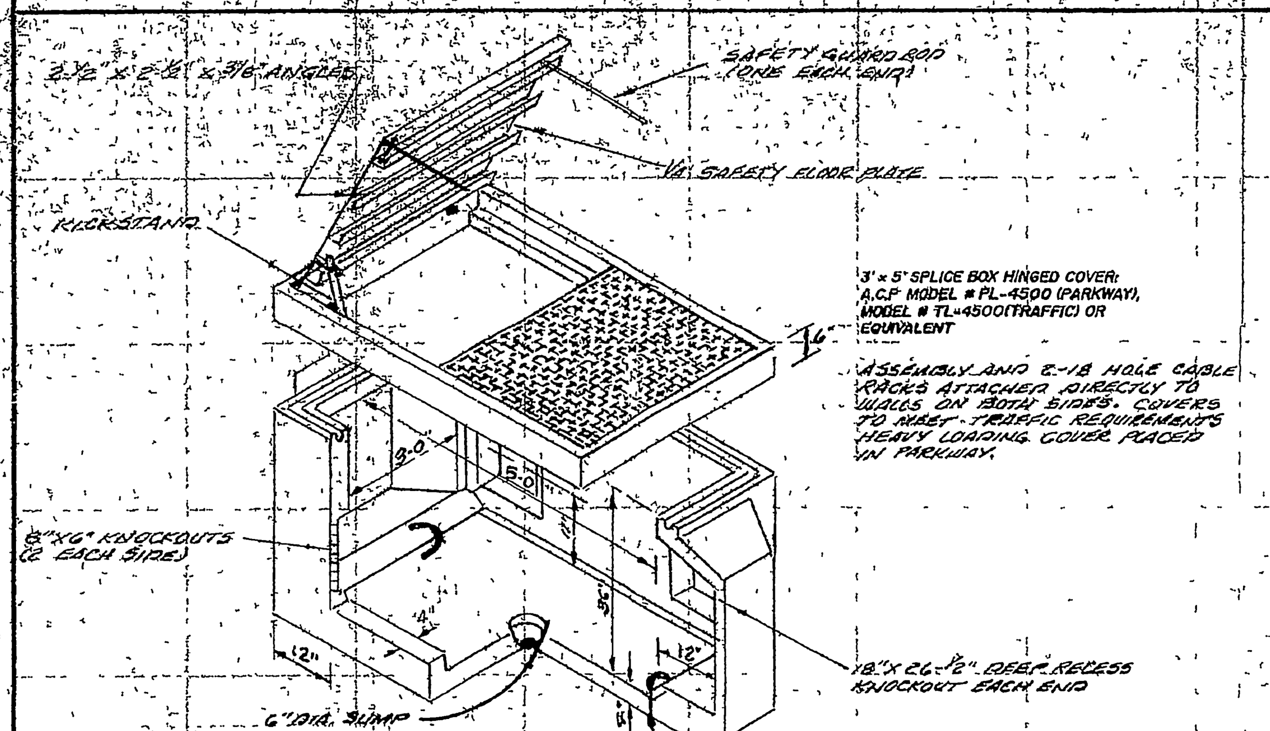
CF0068 (REV 2-84)
(REF BSP 928-100-050 PT)



DETAIL #1
MANHOLE, SINGLE BAY, SINGLE RACK

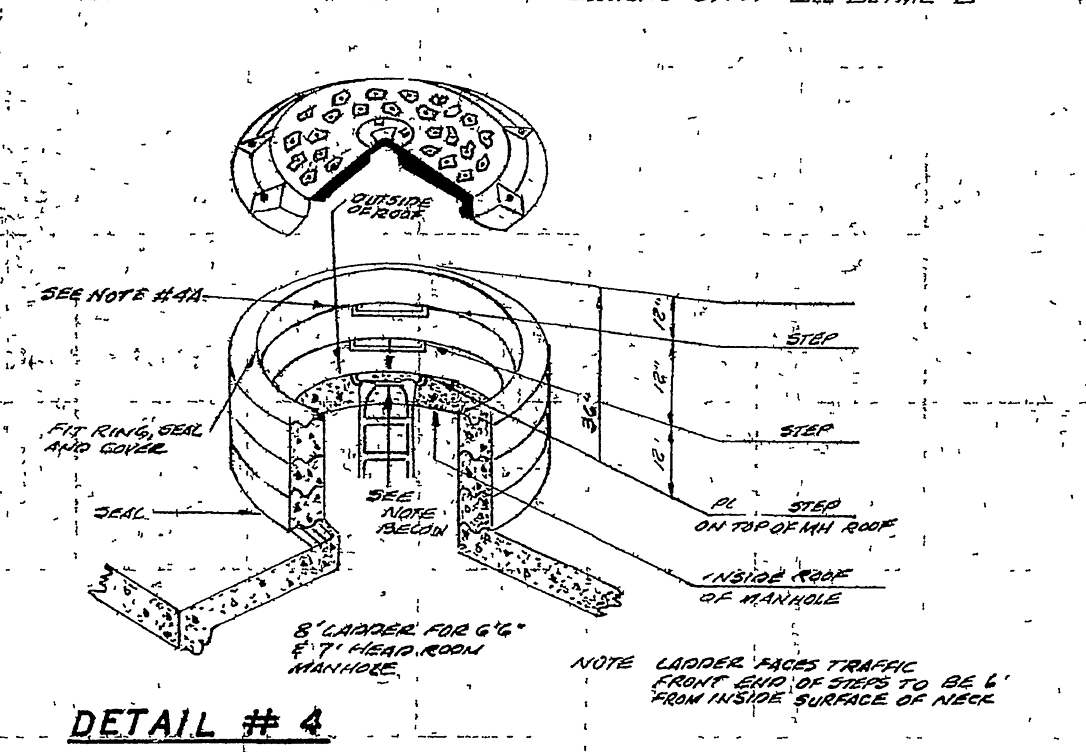


DETAIL #2
MANHOLE, SINGLE BAY, SINGLE RACK



DETAIL #7

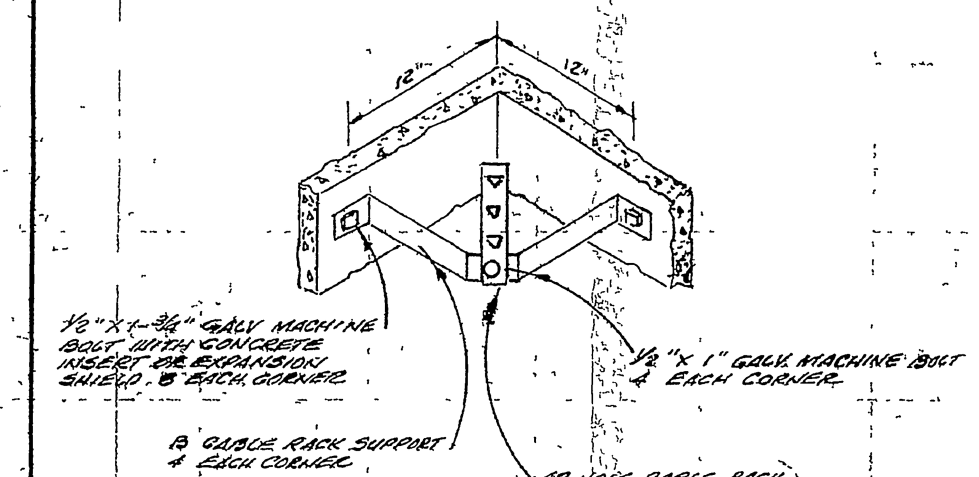
TYPE SB 30" F&C FOR TRAFFIC LOADING OR DIRT
TYPE R 30" TO BE USED FOR SIDEWALKS ONLY SEE DETAIL #8



NOTE LADDER FACES TRAFFIC FRONT END OF STEPS TO BE 6' FROM INSIDE SURFACE OF NECK

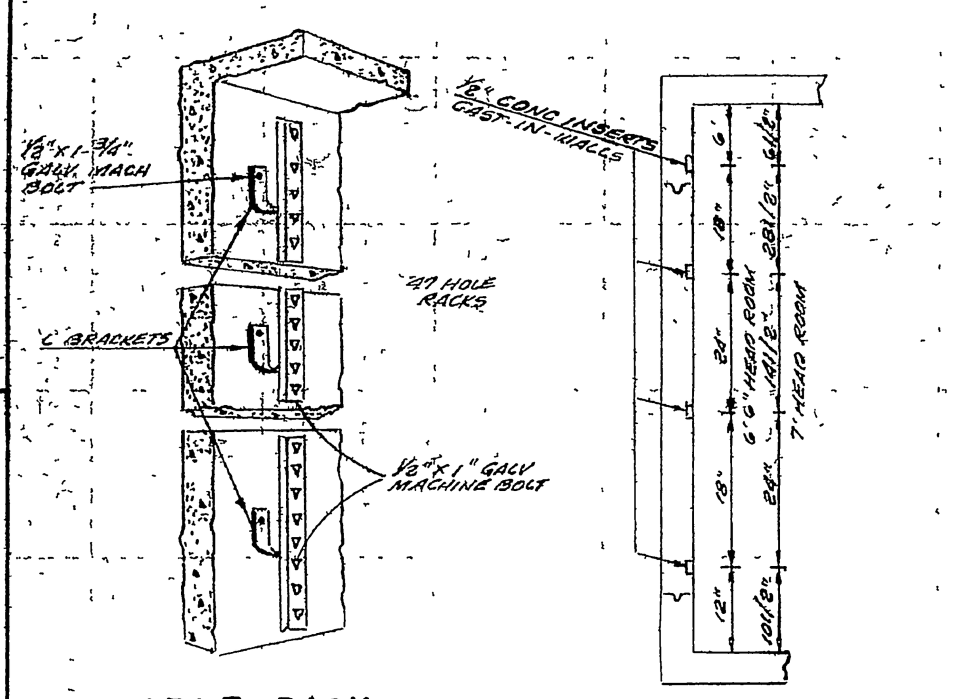
DETAIL # 4
MANHOLE NECK & LID

TYPICAL DETAIL #3 & #5



NOTE.
PTS-65 MH-12" B CABLE RACK SUPPORTS AND 47 HOLE RACKS
38Y40 46-1 MH-18" B CABLE RACK SUPPORTS AND 27 + 24 HOLE RACKS

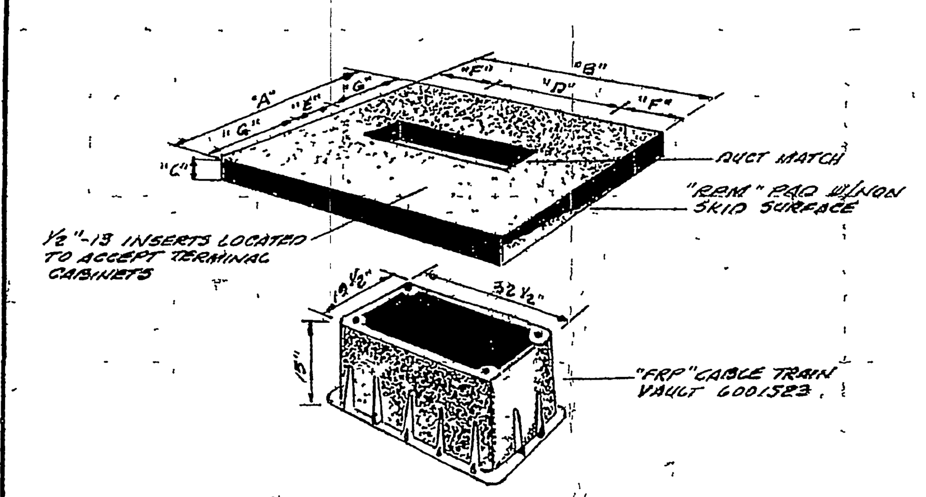
DETAIL # 5
RACKING



CABLE RACK SUPPORTS

TYPICAL INSERT SPACING

DETAIL #3



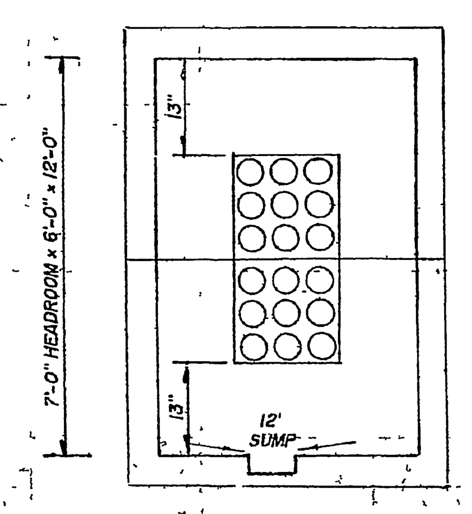
A	B	C	D	E	F	G	PART NUMBER	APPROX WT.	REMARKS
24"	54"	3"	29"	8"	12½"	8"	6001527	70#	TELCO USE
48'	54"	4"	28"	9"	13"	19½"	6001563	170#	TELCO USE

TELEPHONE PEDESTAL PADS
DETAIL #9

CONDUIT TERMINATION
* CONDUIT TO TERMINATE ONE INCH ABOVE PAD DECK SURFACE.
* GRAVEL TO BE PLACED FLUSH WITH PAD DECK SURFACE

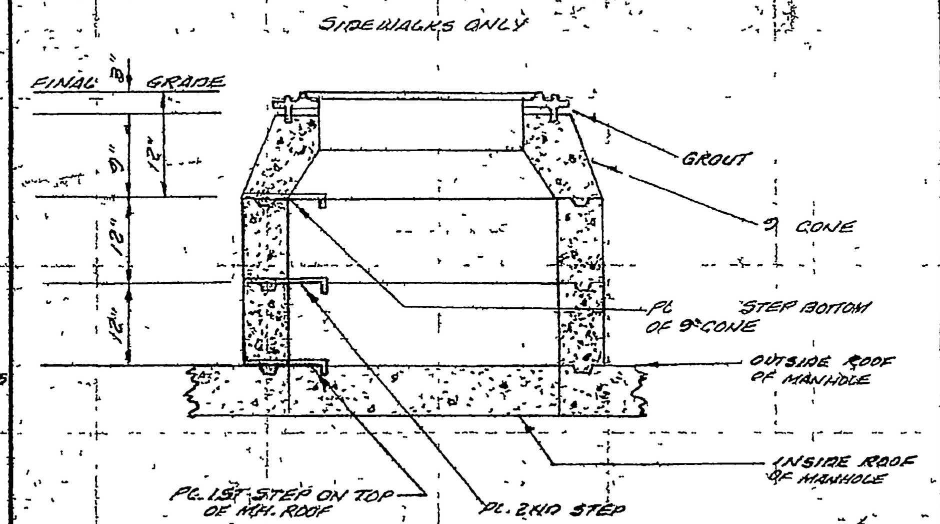
NOTE: SEE CONSTRUCTION DRAWING FOR END WALL DETAILS

ALL DUCTS SHALL ENTER M H. VIA USE OF 'DUCT ENTRANCE TERMINATORS " ORDER M H ACCORDINGLY.



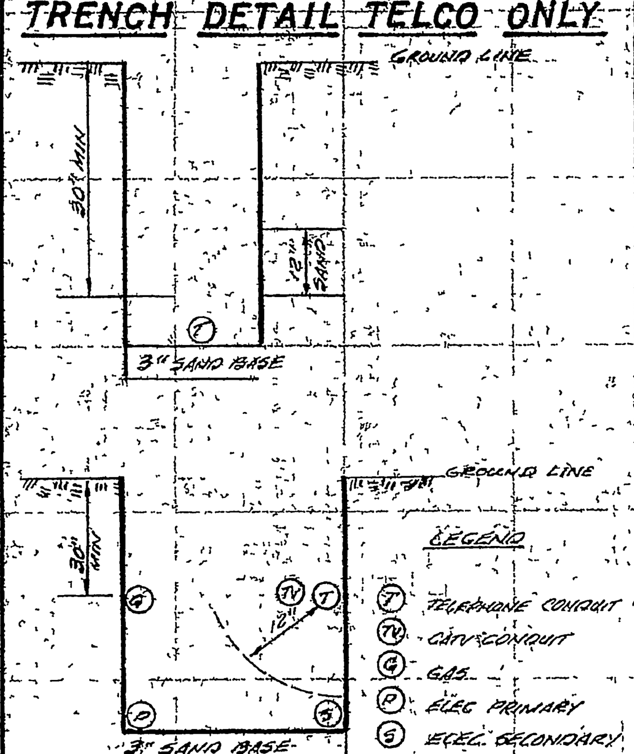
END WALL DUCT TERMINATING
DETAIL #6

TYPE "R" FRAME & COVER (30") SIDEWALKS ONLY

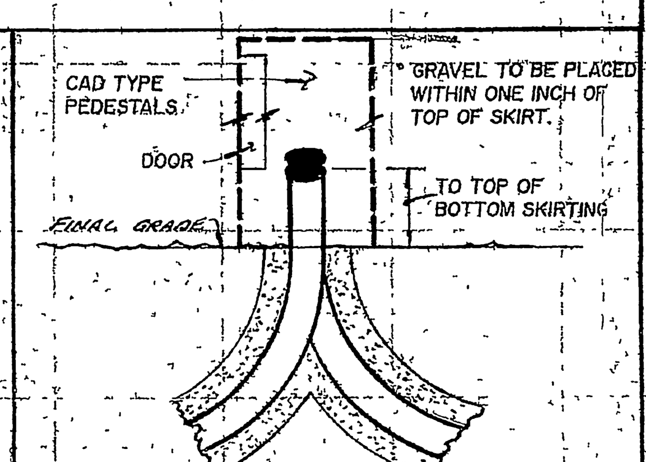


DETAIL # 8

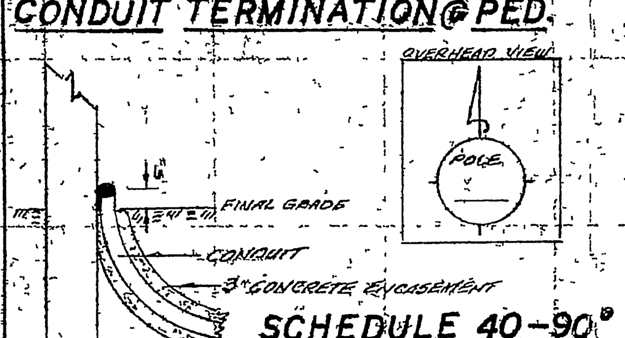
TRENCH DETAIL TELCO ONLY



DEVELOPER TO
- MAINTAIN MINIMUM COVER OF 30" IN PUBLIC DOMAIN, ON PRIVATE PROPERTY
- MAINTAIN MINIMUM 12" FROM ALL TRENCH OCCUPANTS EXCEPT CATV PER CALIFORNIA PUBLIC UTILITY COMMISSION GENERAL ORDER 128.
- ALL TRENCH BACKFILL MATERIAL, SEE CONDUIT #4, AND COMPACTION TO BE IN ACCORDANCE WITH MUNICIPAL COUNTY SPECIFICATIONS
- TRENCH TO BE INSPECTED AND ACCEPTED BY TELEPHONE COMPANY TRENCH INSPECTOR PRIOR TO BACKFILL
- VERIFY THE LOCATION OF TELEPHONE COMPANY SUBSTRUCTURES BEFORE EXCAVATION
1-800-422-4133



CONDUIT TERMINATION @ PED.



SCHEDULE 40-90° E BEND

DEVELOPER TO
- MAINTAIN MINIMUM CONDUIT RADIUS 10X INSIDE DIAMETER OF CONDUIT
- STRAP CONDUITS TOGETHER 2" BELOW TOP OF CONDUIT
- PLACE WEATHERPROOF CAP ON END OF ALL CONDUITS
- MAINTAIN MINIMUM COVER OF 30" IN PUBLIC DOMAIN, ON PRIVATE PROPERTY
- PLACE CONDUIT IN QUADRANT SHOWN IN OVERHEAD VIEW OF POLE
- VERIFY THE LOCATION OF TELEPHONE COMPANY SUBSTRUCTURES BEFORE EXCAVATION, CALL
1-800-422-4133

1. THE DEVELOPER WILL CONSTRUCT TO PACIFIC BELL'S SPECIFICATIONS
2. THE DEVELOPER SHALL BE RESPONSIBLE FOR LOSS OF MATERIAL, FOR UNREASONABLE DAMAGE, BREAKAGE AND ANY LIABILITY IN CONNECTION WITH ANY MATERIAL FURNISHED BY PACIFIC BELL
3. THE DEVELOPER IS RESPONSIBLE FOR THE COST OF REPAIR, REPLACEMENTS OR RELOCATIONS MADE NECESSARY BY DAMAGE TO TELEPHONE FACILITIES UNTIL THE PRODUCT IS COMPLETED.
4. A. CALL CONDUIT INSP. ______ TEN WORKING DAYS PRIOR TO START OF CONSTRUCTION
   B. CALL TELE ENGR. ______ TEN WORKING DAYS PRIOR TO START OF CONSTRUCTION

UNDERGROUND DETAILS FOR:
______
______
ENGR ______
PHONE ______ DATE ______

MANHOLES

1. THE TOP OF MANHOLE ROOF SHALL BE A MINIMUM OF 24" BELOW GUTTER FLOWLINE EXCEPT STATE HIGHWAY WHICH REQUIRES 42" OF COVER FROM FINAL SURFACE
2. CONDUIT ENTRANCE INTO MANHOLES TO BE PLACED AS SHOWN IN DETAIL #6 USE DUCT TERMINATORS AS SHOWN ON CONSTRUCTION DRAWINGS ORDER MANHOLE ACCORDINGLY
3. THE NECK (COLLAR) OF MANHOLE MAY BE CONSTRUCTED OF EITHER PRECAST SECTIONS OR BRICK AND MORTAR DETAIL
4. STEPS IN MH NECKS (COLLARS) WILL BE LOCATED AS FOLLOWS:
   A. MANHOLE STEPS SHALL BE PLACED AT 12" INTERVALS - SEE TELEPHONE INSPECTOR FOR ADDITIONAL INFORMATION SEE DETAILS #4 & 8
5. RACKING - SEE DETAILS #'S-1, 2, 3, 5, 8, 7
6. ALL MANHOLE SEAMS WILL BE GROUTED MH NECKS GROUTED & PAINTED
7. INSIDE MANHOLES WILL BE PAINTED WHITH WHITE MASONRY PAINT (ORDER ACCORDINGLY).
8. FRAME, COVER, CABLE RACKING, LADDERS, ETC CAN BE ORDERED SEPARATELY. SEE DETAILS. ORDER FROM.
   A. ALHAMBRA FOUNDRY, 1147 MERIDIAN, ALHAMBRA 91803, 213-289-4294
   B. QUIKSET, 4301 W MACARTHUR BLVD, SANTA ANA, CALIF 92704 714-557-7470
   C. BROOKS PRODUCTS, INC., 10111 OLNEY ST EL MONTE, CAL. 91734, 213-443-3019
   D. SEE BELOW

APPROVED MANHOLES

1 TO 6 MAIN DUCTS DO NOT INCLUDE LATERALS	4'6" X 8'6" X 6'6" - MONOLITHIC BROOKS 53 OF M78-PT65 SERIES-PRECAST QUIKSET TV 303-PTT SERIES-PRECAST UTILITY PT-46-86-78 SERIES PRECAST	PTT SPEC NO PTS-65
7 TO 12 MAIN DUCTS DO NOT INCLUDE LATERALS	6'X 12'X7' - MONOLITHIC BROOKS 6000 FM SERIES-PRECAST QUIKSET 3BY6-1-7-PRECAST UTIL PT-612-84 SERIES-PRECAST	PTT SPEC NO 38Y4046-1
INTERCEPT 1 BORCH OR SPLICING SINGLE NEW CA NO LARGER THAN 23" IN AN AREA NOT SUBJECT TO VEHICULAR TRAFFIC	3'X5'X4" SPLICE BOX BROOKS, QUIKSET, UTILITY	

D. UTILITY VAULT CO P.O. BOX 1390, FONTANA, CAL 92335, 714-350-2675

CONDUIT

1. ALL BENDS OR RADII OF 80 FT OR LESS IN NON-METALLIC CONDUIT MUST BE CONCRETE ENCASED, 3½ SACK PEA GRAVEL
2. COVER OVER CONDUIT SHALL BE A MINIMUM OF 30" FROM STREET GUTTER FLOWLINE, IN PUBLIC STREET OR INTERCEPTION AT PROPERTY LINE
3. THE CONDUIT TRENCH MUST BE FREE OF ALL LARGE STONES, ROCKS OR OTHER JAGGED PIECES OF MATERIAL WITH BOTTOM COMPACTED AND SMOOTH BEFORE PLACING CONDUIT IN TRENCH.
4. ALL BACKFILL 12" ABOVE CONDUIT SHALL BE SAND OR SE 30 ENCASED.
5. AT LEAST 24" OF LOOSE FILL ON FIRST LIFT SHALL BE PLACED BEFORE ANY MACHINE TAMPER IS USED. ELIMINATING CRUSHED CONDUIT.
6. THE DEGREE OF COMPACTION TO BE AS SPECIFIED BY MUNICIPAL ORDINANCE
7. ANY REPAVING REQUIRED SHALL BE AS SPECIFIED BY MUNICIPAL ORDINANCE.
8. CLEARANCES FROM ELECTRICAL SUBSTRUCTURES SHALL BE A MINIMUM OF 12" OF COMPACTED DIRT OR 3" OF CONCRETE EXCEPT WHERE NOTED OTHERWISE
9. CLEARANCES FROM ALL OTHER FOREIGN SUBSTRUCTURES SHALL BE A MINIMUM OF 12" WHEN PARALLELING AND 6" WHEN CROSSING.
10. PULLING LINE MUST BE PROVIDED IN ALL DUCTS USE 3/8" POLY OR LARGER
11. ALL CONDUIT MUST BE PROVEN BY MANDRELLING BEFORE IT WILL BE ACCEPTED BY PACIFIC BELL.
12. WALL TO WALL MEASUREMENTS MUST BE PROVIDED TO PACIFIC BELL USING METAL MEASURING DEVISE

APPROVED CONDUIT MATERIAL

MH TO MH OR PB	SUBSIDIARY CONDUIT
4" B-PLASTIC (CONC ENCASED) PTS77	2" PTS-66 PLASTIC
4" C-PLASTIC (SAND OR SE 30 ENCASED)	4" B-PLASTIC (CONC ENCASED)
	4" C-PLASTIC (SAND OR SE 30 ENCASED)

TWO DAYS BEFORE YOU DIG
CALL **USA** TOLL FREE
800-422-4133

NOT TO BE REDUCED!

DATE	REVISIONS
4/5/88	UP DATED
8-17-94	UPDATED (CAF)
9-27-94	UPDATED (CAF)

PACIFIC BELL

SBC-UD

ROUTINE	DATE	OFFICE	FIELD
PREPARED			
CHECKED	4/5/88	JXD	
APPROVED			
DWG			

SBC-UD

INDEXED 5-24-04 LH FILE WITH R-3575