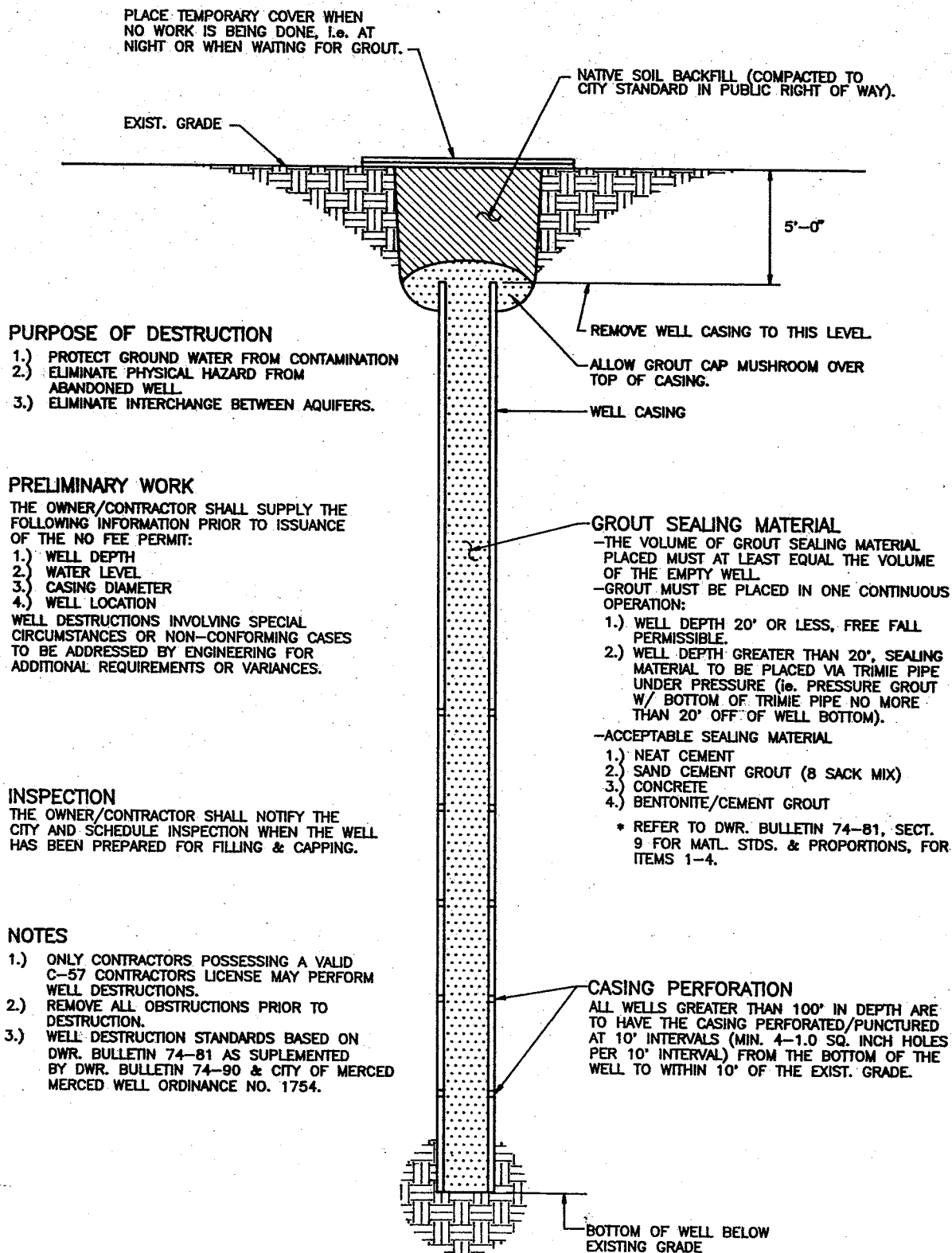




PURPOSE OF DESTRUCTION

- 1.) PROTECT GROUND WATER FROM CONTAMINATION
- 2.) ELIMINATE PHYSICAL HAZARD FROM ABANDONED WELL.
- 3.) ELIMINATE INTERCHANGE BETWEEN AQUIFERS.

PRELIMINARY WORK

THE OWNER/CONTRACTOR SHALL SUPPLY THE FOLLOWING INFORMATION PRIOR TO ISSUANCE OF THE NO FEE PERMIT:

- 1.) WELL DEPTH
- 2.) WATER LEVEL
- 3.) CASING DIAMETER
- 4.) WELL LOCATION

WELL DESTRUCTIONS INVOLVING SPECIAL CIRCUMSTANCES OR NON-CONFORMING CASES TO BE ADDRESSED BY ENGINEERING FOR ADDITIONAL REQUIREMENTS OR VARIANCES.

INSPECTION

THE OWNER/CONTRACTOR SHALL NOTIFY THE CITY AND SCHEDULE INSPECTION WHEN THE WELL HAS BEEN PREPARED FOR FILLING & CAPPING.

NOTES

- 1.) ONLY CONTRACTORS POSSESSING A VALID C-57 CONTRACTORS LICENSE MAY PERFORM WELL DESTRUCTIONS.
- 2.) REMOVE ALL OBSTRUCTIONS PRIOR TO DESTRUCTION.
- 3.) WELL DESTRUCTION STANDARDS BASED ON DWR. BULLETIN 74-81 AS SUPPLEMENTED BY DWR. BULLETIN 74-90 & CITY OF MERCED MERCED WELL ORDINANCE NO. 1754.

GROUT SEALING MATERIAL

-THE VOLUME OF GROUT SEALING MATERIAL PLACED MUST AT LEAST EQUAL THE VOLUME OF THE EMPTY WELL.
-GROUT MUST BE PLACED IN ONE CONTINUOUS OPERATION:

- 1.) WELL DEPTH 20' OR LESS, FREE FALL PERMISSIBLE.
- 2.) WELL DEPTH GREATER THAN 20', SEALING MATERIAL TO BE PLACED VIA TRIMIE PIPE UNDER PRESSURE (i.e. PRESSURE GROUT W/ BOTTOM OF TRIMIE PIPE NO MORE THAN 20' OFF OF WELL BOTTOM).

-ACCEPTABLE SEALING MATERIAL

- 1.) NEAT CEMENT
- 2.) SAND CEMENT GROUT (8 SACK MIX)
- 3.) CONCRETE
- 4.) BENTONITE/CEMENT GROUT

* REFER TO DWR. BULLETIN 74-81, SECT. 9 FOR MATL. STDS. & PROPORTIONS, FOR ITEMS 1-4.

CASING PERFORATION

ALL WELLS GREATER THAN 100' IN DEPTH ARE TO HAVE THE CASING PERFORATED/PUNCTURED AT 10' INTERVALS (MIN. 4-1.0 SQ. INCH HOLES PER 10' INTERVAL) FROM THE BOTTOM OF THE WELL TO WITHIN 10' OF THE EXIST. GRADE.

DEPARTMENT OF PUBLIC WORKS

CITY OF MERCED, CALIF.

WELL DESTRUCTION

DRAWN: K.G.E.

APPROVED BY:

DATE

W-10

ENG.

8-5-91

REVISED

CITY ENGINEER

SHEET

OF