

PLACE TEMPORARY COVER WHEN NO WORK IS BEING DONE, i.e. AT NIGHT OR WHEN WAITING FOR GROUT.

NATIVE SOIL BACKFILL (COMPACTED TO CITY STANDARD IN PUBLIC RIGHT OF WAY).

EXIST. GRADE

5'-0"

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.

REMOVE WELL CASING TO THIS LEVEL

ALLOW GROUT CAP MUSHROOM OVER TOP OF CASING.

WELL CASING

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.

BOTTOM OF WELL BELOW EXISTING GRADE

DEPARTMENT OF PUBLIC WORKS

CITY OF MERCED, CALIF.

WELL DESTRUCTION

W-10

DRAWN: K.G.E.

APPROVED BY:

DATE

ENG.

John McHenry

8-5-91

REVISED

CITY ENGINEER

SHEET

OF