PLAN

THREE 22½° VIT. CLAY CURVES

LIFTING HOLE

4"±

PLAN

VIT. CLAY STOPPER, TO BE BACKFILLED WITH STONE, CA-7, FLOWABLE FILL, OR CLSM, IN PLACE

⅓ L

⅔ L

LIFTING HOLE

4"±

PLAN

FLOW

ONE VIT. CLAY WYE BRANCH

4"±

NOTE:
PLUG TO BE COATED WITH MORTAR AND DRIVEN INTO PLACE WITH A WOODEN MALLET AND THEN SEALED WITH MORTAR.

2" MIN.

3" MIN.

R.C.P. SEWER

LIFTING HOLE PLUG DETAIL
FOR CONCRETE PIPE

VIT. CLAY PIPE DRAIN

MORTAR

TAPERED HOLE TO BE CAST IN PIPE

D

1
3

DETAIL OF TAPERED HOLE

SIZE OF DRAIN	"D"
6"	6⅞"
8"	9⅛"
10"	11⅛"
12"	13½"
15"	17"
18"	20¼"
21"	23⅞"
24"	27¼"

LIMIT OF DRAIN CONNECTION TO BE DETERMINED BY COMMISSIONER.

EXISTING DRAIN

NUMBER OF STRAIGHT LENGTHS VARIES

LINE OF UNDISTURBED EARTH

LIFTING HOLE, FOR DETAIL OF HOLE PLUG SEE THIS SHEET.

LINE OF UNDISTURBED EARTH

FOR DETAILS OF TAPERED HOLE SEE THIS SHEET

IN CROSSHATCHED AREA, BACKFILL PER NOTE 4

SECTION OF REINFORCED CONCRETE PIPE SEWER

4"±

ELEVATION

TYPICAL DRAIN CONNECTIONS
FOR EXISTING DRAINS

GROUND GRADE

THE OPENING FOR THE FUTURE DRAIN CONNECTION SHOULD BE CONSTRUCTED TO AN ELEVATION THAT IS A MINIMUM OF 7' AND A MAXIMUM OF 8' BELOW GROUND GRADE.

LINE OF UNDISTURBED EARTH

NUMBER OF STRAIGHT LENGTHS VARIES

IN CROSSHATCHED AREA, BACKFILL PER NOTE 4

LIMITS OF PAYMENT

LIFTING HOLE, FOR DETAIL OF HOLE PLUG SEE THIS SHEET.

FOR DETAILS OF TAPERED HOLE SEE THIS SHEET

SECTION OF REINFORCED CONCRETE PIPE SEWER

4"±

ELEVATION

TYPICAL DRAIN STACKS
FOR FUTURE USE

LIMIT OF DRAIN CONNECTION TO BE DETERMINED BY COMMISSIONER

EXISTING DRAIN

45° VIT. CLAY CURVE

30° VIT. CLAY CURVE

LINE OF UNDISTURBED EARTH

NUMBER OF STRAIGHT LENGTHS VARIES

30° VIT. CLAY CURVE

SECTION OF VIT. CLAY PIPE SEWER

IN CROSSHATCHED AREA, BACKFILL PER NOTE 4

ELEVATION

TYPICAL DRAIN
CONNECTIONS FOR
EXISTING DRAINS

VIT. CLAY STOPPER, TO BE MORTARED IN PLACE

30° VIT. CLAY CURVE

LINE OF UNDISTURBED EARTH

NUMBER OF STRAIGHT LENGTHS VARIES

30° VIT. CLAY CURVE

IN CROSSHATCHED AREA, BACKFILL PER NOTE 4

LIMITS OF PAYMENT

SECTION OF VIT. CLAY PIPE SEWER

4"±

ELEVATION

TYPICAL DRAIN STACKS
FOR FUTURE USE

NOTE:
GRANULAR MATERIAL WILL BE USED AS BEDDING FOR ALL PIPE SEWERS; SEE SPECIFICATIONS, BOOK 3.

TRENCH BACKFILL

6" MIN
18" MAX

6" MIN.

12" TYP.

CA-1

GRANULAR EMBEDMENT

DETAIL OF GRANULAR
EMBEDMENT AND STABILIZATION
FOR PIPE SEWERS

NOTES:
FOR STABILIZATION OF TRENCH BOTTOM AND PROVISIONS RELATING TO TRENCH BOX SUPPORT SEE SPECIFICATIONS, BOOK 3

NOTES:

1. ALL DRAIN CONNECTION JOINTS MUST BE MADE AS SPECIFIED IN SPECIFICATIONS..
2. FOR DUCTILE IRON PIPE DRAIN CONNECTIONS SEE SHEET NO. A.2.
3. FOR ALL GRANULAR EMBANKMENT, USE CA-7 OR CA-11.
4. FOR BACKFILL OF HATCHED SUPPORT AREAS, USE CONCRETE, CA-11, FLOWABLE FILL, OR CLSM.

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