water directly to

overflow. Add extra

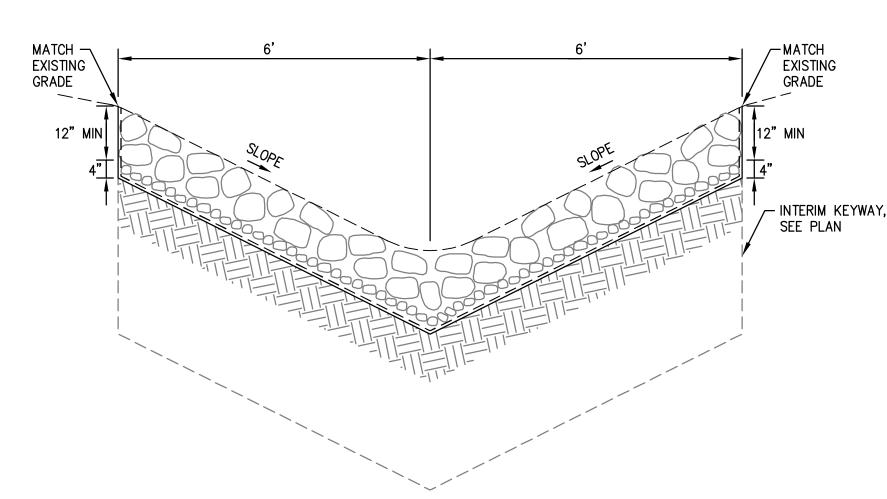
lip to overbasin on

CRYSTAL SPRINGS COUNTY SANITATION DISTRICT NOTES:

- 1. THE PROPERTY/EASEMENT LINE CLEANOUT MUST BE PLACED IN A LOCATION THAT PROVIDES EASY ACCESS FOR MAINTENANCE EQUIPMENT AND IS OUTSIDE OF ANY ENCLOSURES. A MINIMUM OF 6' IS REQUIRED BETWEEN THE PROPERTY LINE CLEANOUT AND STRUCTURE.
- 2. THE PLANS INDICATE THAT THE LOWEST FINISHED FLOOR ELEVATION OF THE PROPOSED MAIN RESIDENCE WILL BE LESS THAN ONE (1) FOOT HIGHER THAN THE RIM ELEVATION OF THE NEAREST UPSTREAM SANITARY SEWER MANHOLE. A BACKFLOW PREVENTION OR OVERFLOW DEVICE MUST BE INSTALLED IMMEDIATELY UPSTREAM OF THE REQUIRED CLEANOUT NEAR THE PROPERTY LINE TO PREVENT BACKFLOW OF SEWAGE INTO THE BUILDING/PROPERTY.
- SANITARY SEWER CONNECTION AND TESTING MUST BE MADE IN THE PRESENCE OF A SEWER DISTRICT REPRESENTATIVE. THIS NOTE SHALL BE ADDED TO THE PLANS.
- 4. THE SEWER DISTRICT OFFICE SHALL BE CONTACTED (650-363-4100) TO SCHEDULE INSPECTIONS. INSPECTIONS MUST BE SCHEDULED A MINIMUM OF ONE WORKING DAY PRIOR TO THE INSPECTION. NO INSPECTIONS SHALL OCCUR ON FRIDAYS, WEEKENDS OR HOLIDAYS UNLESS SPECIAL ARRANGEMENTS ARE MADE WITH THE SEWER DISTRICT.
- A VIDEO INSPECTION OF THE SEWER MAIN (MANHOLE TO MANHOLE) WHERE THE NEW LATERAL CONNECTS TO THE SEWER DISTRICT MAIN SHALL BE PERFORMED BY THE APPLICANT OR CONTRACTOR AND SUBMITTED TO THE SEWER DISTRICT FOR REVIEW AFTER LATERAL CONNECTION HAS BEEN MADE. THE VIDEO INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS DESCRIBED IN THE SPECIAL PROVISIONS FOR CLOSED CIRCUIT TELEVISION INSPECTION OF SANITARY SEWER MAINS (A COPY CAN BE OBTAINED FROM OUR WEBSITE AT HTTP: //PUBLICWORKS.SMCGOV.ORG/SEWER-SERVICES). THE SEWER DISTRICT WILL REVIEW THE VIDEO INSPECTION TO DETERMINE WHETHER THE WORK PERFORMED IS ACCEPTABLE. ALL UNACCEPTABLE WORK SHALL BE CORRECTED TO THE SEWER DISTRICT'S SATISFACTION AT THE APPLICANT'S EXPENSE.
- CARE MUST BE TAKEN TO PROTECT THE EXISTING SEWER DISTRICT FACILITIES WHEN A NEW SEWER LATERAL AND CONNECTION IS INSTALLED. ANY DAMAGES TO THE SEWER DISTRICT FACILITIES DURING THE INSTALLATION OF THE NEW LATERAL SHALL BE REPAIRED BY THE APPLICANT PER THE SEWER DISTRICT STANDARD DETAILS AND AT THE APPLICANT'S EXPENSE. THE SEWER DISTRICT MUST BE NOTIFIED OF ANY DAMAGES TO THE SANITARY SEWER FACILITIES AND ANY REPAIRS MUST BE INSPECTED BY A SEWER DISTRICT REPRESENTATIVE.
- LATERAL CONNECTION TO THE EXISTING MANHOLE SHALL BE MADE BY CORE DRILLING A HOLE IN THE MANHOLE WALL APPROPRIATELY SIZED FOR THE SEWER LATERAL PIPE. THE ANNULAR SPACE BETWEEN THE WALL AND PIPE SHALL BE PLUGGED WITH MORTAR CEMENT AFTER THE ANNULAR SPACE HAS BEEN PLUGGED, THE INTERIOR OF THE ENTIRE MANHOLE SHALL BE COATED WITH AN APPROVED WATERPROOFING MATERIAL APPLIED PER THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR MUST REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS IN THE MANHOLE AFTER THE LATERAL CONNECTION HAS BEEN MADE. CARE MUST BE TAKEN TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING THE SEWER SYSTEM DURING THE INSTALLATION OF THE NEW SEWER LATERAL CONNECTION. IF THE SEWER DISTRICT DISCOVERED THAT CONSTRUCTION DEBRIS HAS ENTERED THE SEWER SYSTEM, THE APPLICANT WILL BE RESPONSIBLE TO CLEAN AND TELEVISE THE DOWNSTREAM PORTIONS OF THE SEWER MAINS AS DETERMINED BY THE SEWER DISTRICT TO THE SEWER DISTRICT'S SATISFACTION. SANITARY SEWER SERVICE SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY (E.G. PUMPS, ETC.) TO MAINTAIN THIS SERVICE DURING CONSTRUCTION.

EXISTING EXISTING GRADE GRADE INTERIM KEYWAY. SEE PLAN

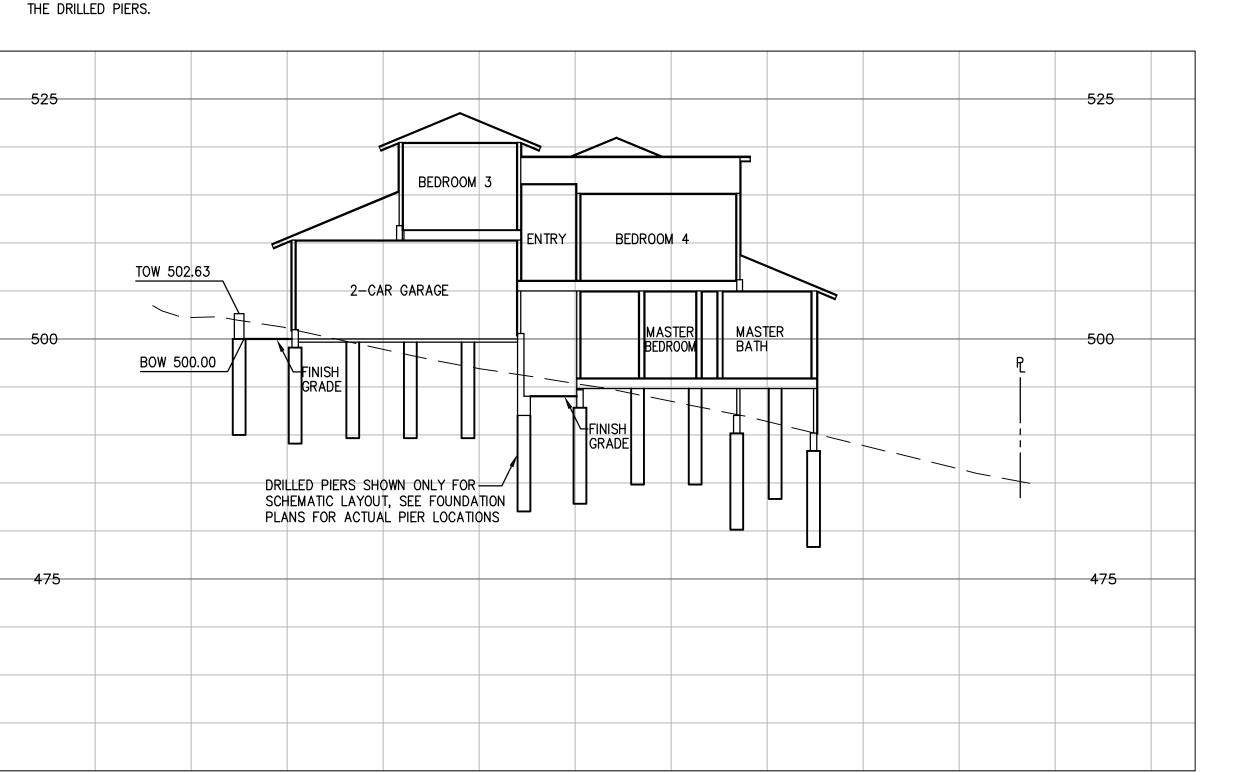
OUTLET STRUCTURE CROSS SECTION B-B



NOTES:

- PER THE GEOTECHNICAL REPORT, UNDOCUMENTED FILL WAS MAPPED AT LOT 10 AND IF THIS FILL IS TO BE LEFT IN PLACE DURING HOUSE AND DRIVEWAY GRADING, IT SHOULD BE REMOVED AND REPLACED AS PROPERLY COMPACTED ENGINEERED FILL.
- 2. PER THE GEOTECHNICAL REPORT, ALL EXISTING FILLS SHOULD BE COMPLETELY REMOVED FROM WITHIN PROPOSED HOUSE FOOTPRINT AND DRIVEWAY AREAS AND TO A LATERAL DISTANCE OF AT LEAST 5 FEET BEYOND THE EDGE OF THE IMPROVEMENTS OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. ANY EXCESS MATERIAL SHALL BE DISPOSED OF OFF-SITE IN A LAWFUL MANNER.
- 3. PER THE GEOTECHNICAL REPORT, GEOTECHNICAL MITIGATION GRADING WILL BE PERFORMED ON LOT 10, SEE SHEETS C10.91 AND C10.92 FOR GRADING DETAILS OF THE MITIGATION
- 4. PER THE GEOTECHNICAL REPORT, ALL BUILDING AND RETAINING WALLS SHOULD BE SUPPORTED ON DRILLED PIERS. THE FOUNDATION SHOWN ON THIS PLAN ARE SCHEMATIC. REFER TO THE PROJECT STRUCTURAL PLANS FOR DETAILS ON





LOT 10 CROSS SECTION A-A SCALE: 1"=10'

PLAN SECTION SAN MATEO

HGH

Sheet Number: C10.40

OF

Sheet Number: C10.70

OF

COUNTY STANDARD STREET SECTION EXISTING GROUND — WIDTH VARIES DEPENDENT ON ZONING - 22' TO 40 PROPOSED DRIVEWAY SLOPE – UPHILL OR DOWNHILL —— EXISTING GROUND VAIION WHEN EXISTING STANDARD CURB, GUTTER AND/OR SIDEWALK DO NOT EXIST, THE DRIVEWAY ELEVATION AT THE FUTURE PROPERTY LINE SHALL BE EQUAL GARAGE PAD -TO THE EXISTING CENTERLINE ELEVATION UNLESS FUTURE STREET GRADES HAVE BEEN ESTABLISHED BY THE COUNTY. DRIVEWAY PROFILE VIEW D-7SAN MATEO COUNTY DRIVEWAY PLAN AND PROFILE VIEWS CHRISTY "F8" VALVE BOX W/ "F8D" REINFORCED -CONCRETE LID OR APPROVED EQUAL NOTE: ALL PVC PIPE TO BE SDR 26.

TAPE TRACER WIRE AT 3'

CLAMP TRACER WIRE TO

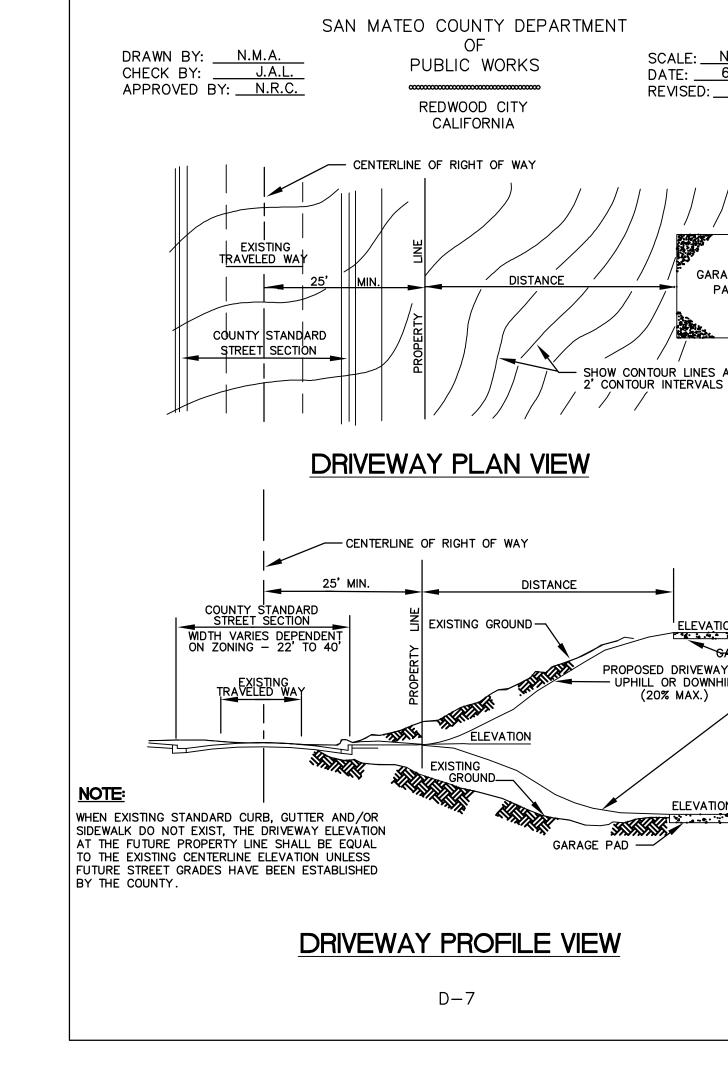
TOP OF RISER.

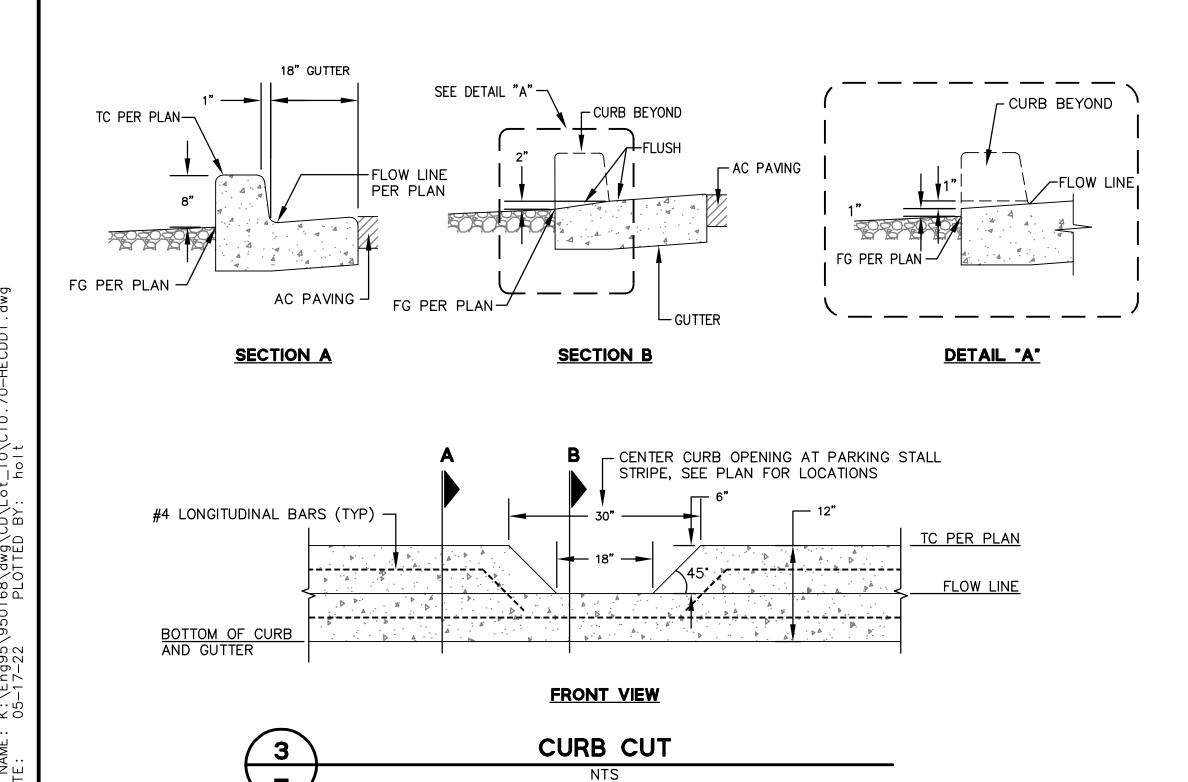
6"X(SIZE OF LINE)

INTERVAL W/ FILAMENT TAPE.

CLEANOUT

NTS





SAN MATEO COUNTY DEPARTMENT

PUBLIC WORKS

REDWOOD CITY

CALIFORNIA

NON-PERFORATED

REMOVE STANDARD -

FINISH GRADE

VALVE OPENS TO A ALLOW

WASTE WATER TO FLOW

VALVE CLOSES BY ITS

OWN WEIGHT TO PREVENT

WASTEWATER FROM FLOWING

BACK TO HOUSE LATERAL.

INTO SEWER MAIN;

CLEANOUT PLUG

SCALE: NONE

DATE: <u>6/95</u>

REVISED: _____

ALUMINUM CONE

~ 3" OR 3-1/2" N.P.T.

OR PLAIN END

NOTE: LOCATION OF DEVICE TO APPROVAL OF

NOTE: LOCATION OF DEVICE

APPROVAL OF

DISTRICT AND BUILDING DEPARTMENT PRIOR TO INSTALLATION

DISTRICT AND BUILDING

DEPARTMENT PRIOR

TO INSTALLATION

DRAWN BY: N.M.A.

TO MAIN

APPROVED BY: N.R.C.

FLOOR LEVEL

TO BUILDING

__ BACKWATER

OVERFLOW

OVERFLOW DEVICE

TO SEWER MAIN

BACKFLOW DEVICE

OVERFLOW AND BACKFLOW DEVICE DETAIL

C-9

SAN MATEO COUNTY

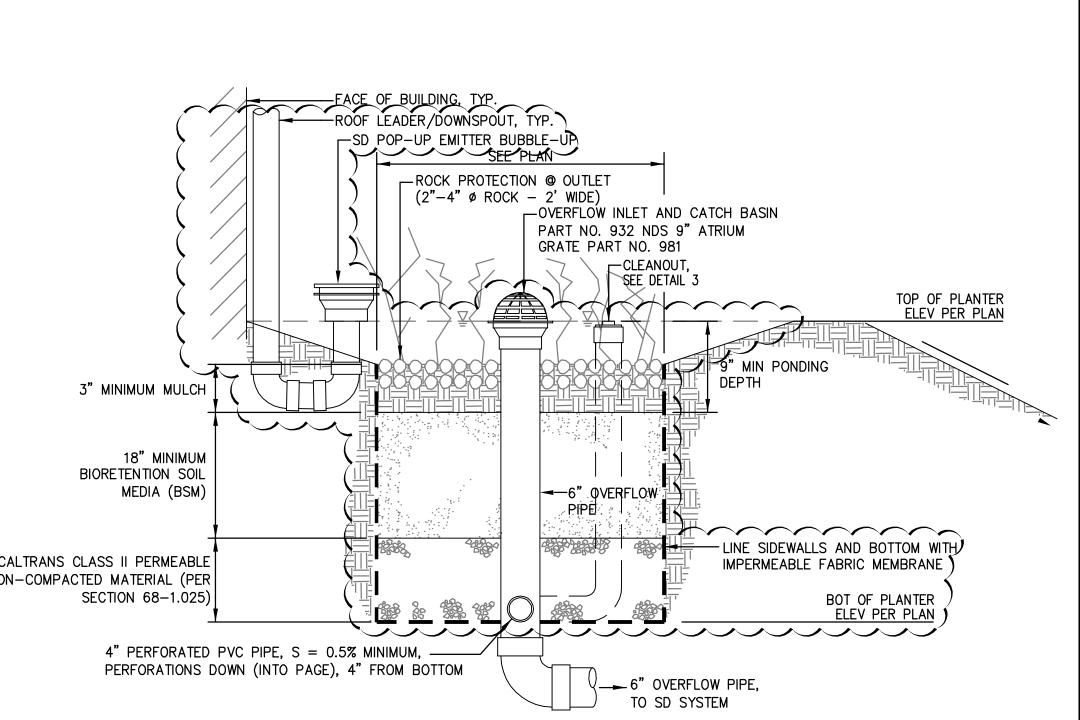
OVERFLOW AND BACKFLOW DEVICE DETAIL

DEVICE

CHECK BY:

UPSTREAM

STRUCTURE -



SAN MATEO COUNTY DEPARTMENT

OF

PUBLIC WORKS

REDWOOD CITY

CALIFORNIA

NO HUB COUPLING

NO HUB COUPLING

STAINLESS STEEL

4 BAND WITH

SHEAR RING

ADJUSTABLE REPAIR COUPLING

STAINLESS STEEL SHEAR RING.

- (ARC) WITH CONTINUOUS

4 BAND WITH STAINLESS STEEL

SHEAR RING

-45" WYE BRANCH

DRAWN BY: N.M.

APPROVED BY: _

CHECK BY: A.M.S.
APPROVED BY: N.R.C.

WYE AND RISER SHALL BE THE SAME PIPE

MATERIAL AS THE PORTION OF THE

CONNECTS TO THE

SEWER MAIN; EXCEPT

SHALL BE CAST IRON.

TRANSITION SECTION-

IF NEEDED

45° WYE BRANCH -

MAIN LINE IS REPLACED WITH SDR-26.

THE UPPER-MOST 3 FEET OF A VCP RISER

LATERAL WHICH

FLOW

WYE AND RISER SHALL

BE THE SAME PIPE MATERIAL AS THE

PORTION OF THE

LATERAL WHICH

. WHEN BOX IS SUBJECT TO TRAFFIC LOADING, PROVIDE CAST IRON LID.

. BOX TO BE PLACED SUCH THAT CLEANOUT CAP CAN BE EASILY REMOVED, SEE ILLUSTRATION.

CONSTRUCTION OF A STANDARD CLEANOUT REQUIRES MULTIPLE INSPECTIONS BY DISTRICT PERSONEL:

2. SECOND INSPECTION - TO INSPECT PLACEMENT OF BOX, LID AND LOCATION OF CLEANOUT WITHIN BOX

1. FIRST INSPECTION - TO INSPECT WYE AND RISER, WYE AND RISER MUST BE EXPOSED.

3. PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING LATERAL FROM THE PROPERTY STRUCTURE TO DISTRICT MAIN. DISTRICT PROVIDES COURTESY SERVICE FROM DISTRICT STANDARD PROPERTY LINE CLEANOUT TO THE MAIN.

4. SDR-26 WYE, RISER, CLEANOUT BODY AND CAP CAN BE USED ONLY WHEN LATERAL FROM PROPERTY LINE TO

5. WHEN ENTIRE LATERAL IS REPLACED, LATERAL FROM PROPERTY LINE CLEANOUT TO MAIN LINE SHALL HAVE A 14-1-UF GUAGE MINIMUM SINGLE CONDUCTOR TRACER WIRE TAPED TO THE ENTIRE LENGTH OF THE PIPE.

SAN MATEO COUNTY

TYPICAL SEWER CLEANOUT & BOX DETAIL

CONNECTS TO THE

SEWER MAIN; EXCEPT

THE UPPER-MOST 3 FEET OF A VCP RISER

SHALL BE CAST IRON.

SCALE: NONE DATE: 8/06

REVISED: _____

FOR CAST IRON CLEANOUT BODY, USE EITHER BRASS OR PVC PLUG. FOR PVC

CLEANOUT BODY, USE PVC PLUG.

CHRISTY B9 UTILITY BOX OR

OR FL9D, MARKED SEWER, OR

EQUAL. LID TO BE CHRISTY BOD

EQUAL (SEE NOTE 1)

TYPICAL SEWER CLEANOUT &

FOR CAST IRON CLEANOUT BODY, USE
— EITHER BRASS OR PVC PLUG. FOR PVC

CLEANOUT BODY, USE PVC PLUG.

CHRISTY B9 UTILITY BOX OR

EQUAL. (SEE NOTE 1)

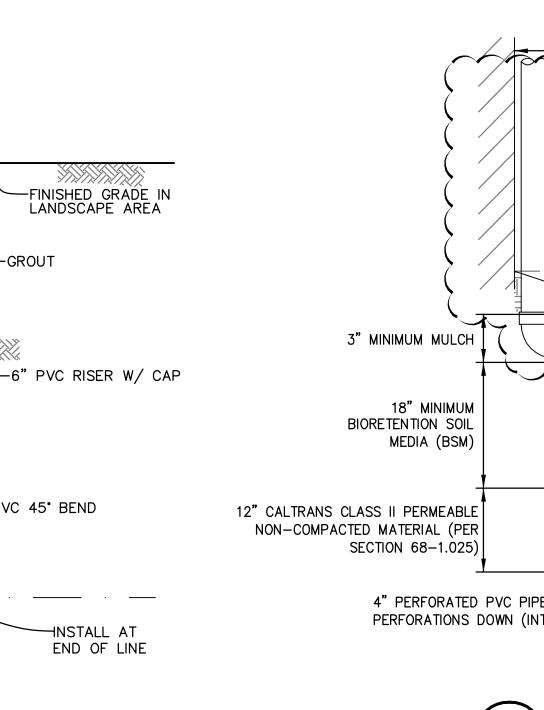
TYPICAL SEWER CLEANOUT &

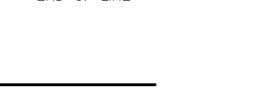
BOX DETAIL - REPLACEMENT

EQUAL, LID TO BE CHRISTY B9D

OR FL9D, MARKED SEWER, OR

BOX DETAIL - NEW CONSTRUCTION





SCALE: NONE

REVISED: ___

DATE: <u>6/95</u>

GARAGE

ELEVATION

(20% MAX.)

GARAGE PAD

PAD

FLOW-THROUGH PLANTER (FTP) NTS