



Yuba County Standard Plans

Dated: June 9, 2023

Standard Plans:

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Continued

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SYMBOLS

	CENTERLINE
	PROPERTY LINE
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	STORM DRAIN (INDICATE SIZE)
	WATER LINE
	NATURAL GAS LINE
	FLOWLINE
	GUARDRAIL
	AC DIKE
	EXISTING EMBANKMENT SLOPE
	NEW EMBANKMENT SLOPE
	BO BLOW OFF
	FH FIRE HYDRANT
	RED REDUCER
	TB THRUST BLOCK
	WM WATER METER
	WCAP WATER PLUG
	WV WATER VALVE
	CULVERT
	DI DRAIN INLET
	CO CLEAN OUT
	MH MANHOLE
	UTILITY POLE
	STREET LIGHT
	SIGN
	TREE
	BARRICADE


YUBA COUNTY GENERAL NOTES

GENERAL:

- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE YUBA COUNTY IMPROVEMENT STANDARDS, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 2006 OR LATEST EDITION AND ANY OTHER AGENCIES' STANDARDS AS APPLICABLE.
- CONTRACTOR SHALL HAVE APPROVED PLANS IN HIS POSSESSION AND SHALL SCHEDULE PRECONSTRUCTION MEETING PRIOR TO CONSTRUCTION.
- TO SCHEDULE A PUBLIC WORKS INSPECTION, CALL (530) 749-5656 AT LEAST TWO (2) WORKING DAYS PRIOR TO INSPECTION, EXCLUDING WEEKENDS AND HOLIDAYS.
- IF WORK IS BEING DONE WITHIN THE COUNTY RIGHT OF WAY, CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM PUBLIC WORKS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO PUBLIC WORKS FOR APPROVAL AT LEAST TWO (2) WORKING DAYS PRIOR TO PRECONSTRUCTION MEETING, EXCLUDING WEEKENDS AND HOLIDAYS. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO PUBLIC WORKS FOR APPROVAL PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE FOR PUBLIC SAFETY AND TRAFFIC CONTROL IN ACCORDANCE WITH STATE OF CALIFORNIA MANUAL OF TRAFFIC CONTROLS. CONTRACTOR SHALL PROVIDE FOR SAFE VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES FOR VERIFICATION OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES. CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 TWO (2) WORKING DAYS BEFORE ANY EXCAVATION. THE CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 8 WORKING DAYS PRIOR TO ANY WORK NEAR COUNTY OPERATED TRAFFIC SIGNALS FOR MARKING OUT FACILITIES. IF THE CONTRACTOR FAILS TO NOTIFY THE COUNTY AND DAMAGES TO TRAFFIC SIGNAL FACILITIES OCCUR, THE CONTRACTOR WILL BE RESPONSIBLE TO PAY ALL COSTS TO REPAIR THE DAMAGED FACILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF PROPERTY PER SECTION 7-1.11, 8-1.10 AND 15-1.02 OF THE STATE'S STANDARD SPECIFICATION.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. MONUMENTS AND SURVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL PROVIDE COUNTY SURVEYOR WITH 2 WORKING DAYS NOTICE PRIOR TO MONUMENT REPLACEMENT.
- THE PRIME CONTRACTOR SHALL DESIGNATE A PERSON(S) WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON THE JOB SITE DURING ALL WORKING AND NON-WORKING HOURS AND PROVIDE PUBLIC WORKS WITH CONTACT AND EMERGENCY CONTACT PHONE INFORMATION.
- CONTRACTOR SHALL HAVE APPROVED PLANS AVAILABLE ON SITE DURING CONSTRUCTION AND CONTRACTOR SHALL CONSTRUCT ALL IMPROVEMENTS TO THE LINE AND GRADE SHOWN ON THE PLANS. ANY DEVIATION FROM THE PLANS SHALL REQUIRE THE WRITTEN APPROVAL OF PUBLIC WORKS.
- THE CONTRACTOR SHALL BE IN COMPLIANCE WITH DUST CONTROL PER SECTION 10, STATE OF CALIFORNIA STANDARD SPECIFICATIONS AND AS REQUIRED BY THE FEATHER RIVER AIR QUALITY MANAGEMENT DISTRICT.
- WHERE WORK IS TO BE DONE IN AN OFF-SITE EASEMENT, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER IN WRITING AT LEAST 2 WORKING DAYS PRIOR TO COMMENCING WORK.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF EXISTING TRAFFIC DELINEATION AND SIGNS. ANY TRAFFIC DELINEATION OR SIGNS DAMAGED DURING ROAD CONSTRUCTION SHALL BE REPLACED WITH LIKE KIND OR AS APPROVED BY PUBLIC WORKS AT THE CONTRACTORS EXPENSE.
- EPOXY 12-INCH LONG #4 REBAR AT 2 FEET ON CENTER WHEN ADJOINING CONCRETE IS NOT POURED MONOLITHICALLY.
- PRIOR TO PLACING CURB, GUTTER, SIDEWALK, ASPHALT CONCRETE, OR BASE MATERIAL, ALL UNDERGROUND FACILITIES WITHIN THE ROAD RIGHT-OF-WAY SHALL BE INSTALLED, BACKFILL COMPLETED, AND THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE YUBA COUNTY PUBLIC WORKS DEPARTMENT THAT EACH OF THE UTILITY COMPANIES HAVING FACILITIES WITHIN THE WORK AREA HAVE SATISFACTORILY PASSED ACCEPTANCE TESTS.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

GENERAL NOTES,
SYMBOLS & ABBREVIATIONS

APPROVED BY:  DATE: 8-29-06

001

YUBA COUNTY GENERAL NOTES (CONTINUED)

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ADT	AVERAGE DAILY TRAFFIC COUNT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BC	BEGIN CURVE
BMP	BEST MANAGEMENT PRACTICES
C & G	CURB AND GUTTER
CIP	CAST IN PLACE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CR	CURB RETURN
CSP	CORRUGATED STEEL PIPE
DI	DRAIN INLET
DW	DRIVEWAY
EC	END CURVE
EL	ELEVATION
EP	EDGE OF PAVEMENT
FES	FLARED END SECTION
FL	FLOWLINE
FOC	FACE OF CURB
GB	GRADE BREAK
HDPE	HIGH DENSITY POLYETHYLENE
HP	HINGE POINT/HIGH POINT
ID	INSIDE DIAMETER
INV	PIPE INVERT
LE	LANDSCAPE EASEMENT
LIP	LIP OF GUTTER
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PCC	PORTLAND CEMENT CONCRETE
PG	PERFORMANCE GRADE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PVC	POLY-VINYL-CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
SB	SUBBASE
SD	STORM DRAIN
SG	SUBGRADE
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
SW	SIDEWALK
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
TBC	TOP BACK OF CURB
TBW	TOP BACK OF WALK
TI	TRAFFIC INDEX
TYP	TYPICAL
WV	WATER VALVE
YC	YUBA COUNTY

GENERAL:


17. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
18. BEFORE THE STORM DRAIN SYSTEM IS ACCEPTED, IT SHALL BE FLUSHED CLEAN AND ALL FOREIGN MATERIAL REMOVED TO THE SATISFACTION OF PUBLIC WORKS.
19. PRIOR TO ACCEPTANCE OF IMPROVEMENTS, CONTRACTOR SHALL SUBMIT WRITTEN APPROVAL FROM PG&E FOR STREET LIGHTS, MAINTENANCE BOND AND AS-BUILT PLANS.
20. ALL STRUCTURAL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3600 PSI AND ALL OTHER CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 2500 PSI.
21. EROSION AND SEDIMENT CONTROL MEASURES FOR THIS PROJECT SHALL BE IN COMPLIANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH THE STATE'S GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES AND THE COUNTY ACCEPTED EROSION AND SEDIMENT CONTROL PLAN. ACCORDING TO STATE LAW, IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER THAT THE SWPPP BMP'S AND BINDER ARE KEPT UP TO DATE TO REFLECT CHANGING SITE CONDITIONS AND THE BINDER IS AVAILABLE ON THE PROJECT SITE AT ALL TIMES FOR REVIEW BY LOCAL AND STATE INSPECTORS.
22. THERE SHALL BE A ONE (1) YEAR MAINTENANCE PERIOD AFTER THE IMPROVEMENTS ARE ACCEPTED. THERE SHALL BE AN ADDITIONAL ONE (1) YEAR MAINTENANCE PERIOD FOR ANY ITEMS NEEDING REPAIRS AT THE END OF THE MAINTENANCE PERIOD.
23. IN URBAN SUBDIVISIONS A MINIMUM OF ONE STREET TREE PER 40' OF STREET FRONTAGE MEASURED FROM CURB RETURN TO CURB RETURN SHALL BE PLANTED ALONG EACH BLOCK. THERE SHALL BE A MINIMUM OF ONE STREET TREE PER LOT WITH SOME LOTS REQUIRING MORE THAN ONE STREET TREE TO MEET THE FRONTAGE REQUIREMENTS. ALL STREET TREES ARE TO BE LOCATED IN AN IRRIGATED AND LANDSCAPED AREA BETWEEN THE SIDEWALKS AND CURB. ALL TREES SHALL BE PLANTED AND INSPECTED PRIOR TO COMMUNITY DEVELOPMENT DIVISION'S CLEARANCE FOR A FINAL CERTIFICATE OF OCCUPANCY.
24. CONTRACTOR SHALL PROVIDE A COPY OF THE APPROVED AND SIGNED UTILITY PLAN AND COMPOSITE PLAN PRIOR TO COMMENCING ANY DRY UTILITY INSTALLATION.
25. THERE SHALL BE A 2 FOOT MINIMUM CLEARANCE BETWEEN THE BACK OF CURB AND THE OUTER EDGE OF THE STREET LIGHT POLE OR STREET LIGHT FOUNDATION FOR DETACHED SIDEWALK.

EARTHWORK:

1. ALL EXCAVATION, EMBANKMENT, AND BACKFILL SHALL CONFORM TO THE PROVISIONS IN SECTION 19, "EARTHWORK" OF THE STATE STANDARD SPECIFICATIONS.
2. CLEARING AND GRUBBING SHALL CONFORM TO THE PROVISIONS OF SECTION 16 OF THE STATE STANDARD SPECIFICATIONS.
3. CONSTRUCTION ACTIVITIES OCCURRING BETWEEN OCTOBER 1 AND APRIL 30 SHALL TREAT THE SUBGRADE FOR STABILIZATION AS PROPOSED BY GEOTECHNICAL ENGINEER AND AS APPROVED BY PUBLIC WORKS.
4. FROM OCTOBER 1 TO APRIL 30 NO MORE THAN 300' OF OPEN TRENCHES ARE ALLOWED THROUGHOUT PROJECT SITE AT ONE TIME AND ALL TRENCHES SHALL BE BACKFILLED PRIOR TO RAIN EVENTS.
5. CONTRACTOR IS NOTIFIED THAT JETTING IS NOT ALLOWED IN ANY TRENCHES.
6. ANY TRENCHES IN THE SECTION FROM BACK OF CURB TO BACK OF SIDEWALK SHALL BE BACKFILLED WITH NATIVE MATERIAL AND COMPACTED TO 90% RELATIVE COMPACTION.
7. ALL COMPACTION TESTS SHALL BE CERTIFIED BY A REGISTERED CIVIL ENGINEER PRIOR TO SUBMITTING TEST RESULTS TO THE PUBLIC WORKS DEPARTMENT.
8. COMPACTION AROUND MANHOLES, DI'S AND BOXES SHALL BE TESTED ON FOUR SIDES (EQUALLY SPACED) AT 2 FOOT VERTICAL INTERVALS.
9. IF COMPACTION REQUIREMENTS CAN NOT BE MET THEN A RECOMMENDATION FROM A GEOTECHNICAL ENGINEER SHALL BE SUBMITTED FOR APPROVAL BY THE PUBLIC WORKS DEPARTMENT.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

GENERAL NOTES,
SYMBOLS & ABBREVIATIONS


APPROVED BY: _____

8-29-06
DATE:

002

YUBA COUNTY GENERAL NOTES (CONTINUED)

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ADT	AVERAGE DAILY TRAFFIC COUNT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BC	BEGIN CURVE
BMP	BEST MANAGEMENT PRACTICES
C & G	CURB AND GUTTER
CIP	CAST IN PLACE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CR	CURB RETURN
CSP	CORRUGATED STEEL PIPE
DI	DRAIN INLET
DW	DRIVEWAY
EC	END CURVE
EL	ELEVATION
EP	EDGE OF PAVEMENT
FES	FLARED END SECTION
FL	FLOWLINE
FOC	FACE OF CURB
GB	GRADE BREAK
HDPE	HIGH DENSITY POLYETHYLENE
HP	HINGE POINT/HIGH POINT
ID	INSIDE DIAMETER
INV	PIPE INVERT
LE	LANDSCAPE EASEMENT
LIP	LIP OF GUTTER
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PCC	PORTLAND CEMENT CONCRETE
PG	PERFORMANCE GRADE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PVC	POLY-VINYL-CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
SB	SUBBASE
SD	STORM DRAIN
SG	SUBGRADE
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
SW	SIDEWALK
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
TBC	TOP BACK OF CURB
TBW	TOP BACK OF WALK
TI	TRAFFIC INDEX
TYP	TYPICAL
WV	WATER VALVE
YC	YUBA COUNTY

PAVING:

1. AB SHALL CONFORM TO THE PROVISIONS OF SECTION 26 OF THE STATE STANDARD SPECIFICATIONS FOR CLASS 2 AGGREGATE BASE.
2. AC SHALL CONFORM TO THE STATE'S STANDARD SPECIFICATIONS PG 64-10 (VALLEY) OR PG 64-28 (FOOTHILLS), 1/2 INCH MINIMUM TO 3/4 INCH MAXIMUM. PRIME COAT SHALL BE SC-70 AND SHALL BE APPLIED IF AGGREGATE BASE IS SUBJECTED TO TRAFFIC OR INCLEMENT WEATHER PRIOR TO PAVING.
3. FOR PAVEMENT WIDENING, AC SURFACES SHALL BE SAWCUT A MINIMUM OF ONE FOOT INSIDE THE EP TO A NEAT, STRAIGHT LINE AND REMOVED AS DETERMINED BY PUBLIC WORKS. ASPHALT EMULSION SHALL BE APPLIED TO THE EXPOSED EDGE PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED AND RECOMPACTED PRIOR TO PAVING.
4. FROM OCTOBER 1 TO APRIL 30, PRIOR TO PAVING, ALL BACK OF CURB SHALL BE BACKFILLED TO WITHIN 1 INCH OF TOP OF CURB AND SHALL BE SLOPED AWAY FROM CURB UNLESS APPROVED BY PUBLIC WORKS AND SHALL BE MAINTAINED UNTIL LANDSCAPING IS IN PLACE.
5. THE FINISHED GRADE OF AC SHALL BE PLACED 0.25" ABOVE THE LIP OF GUTTER.
6. PRIOR TO ACCEPTANCE OF IMPROVEMENTS, IF THE FINISHED PAVEMENT SURFACE REQUIRES SAW CUTTING FOR REPAIRS, THE PAVEMENT SHALL BE GROUND FROM LIP OF GUTTER TO LIP OF GUTTER AND FROM INTERSECTION TO INTERSECTION AND SHALL BE REPAVED OR AS DETERMINED BY PUBLIC WORKS.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

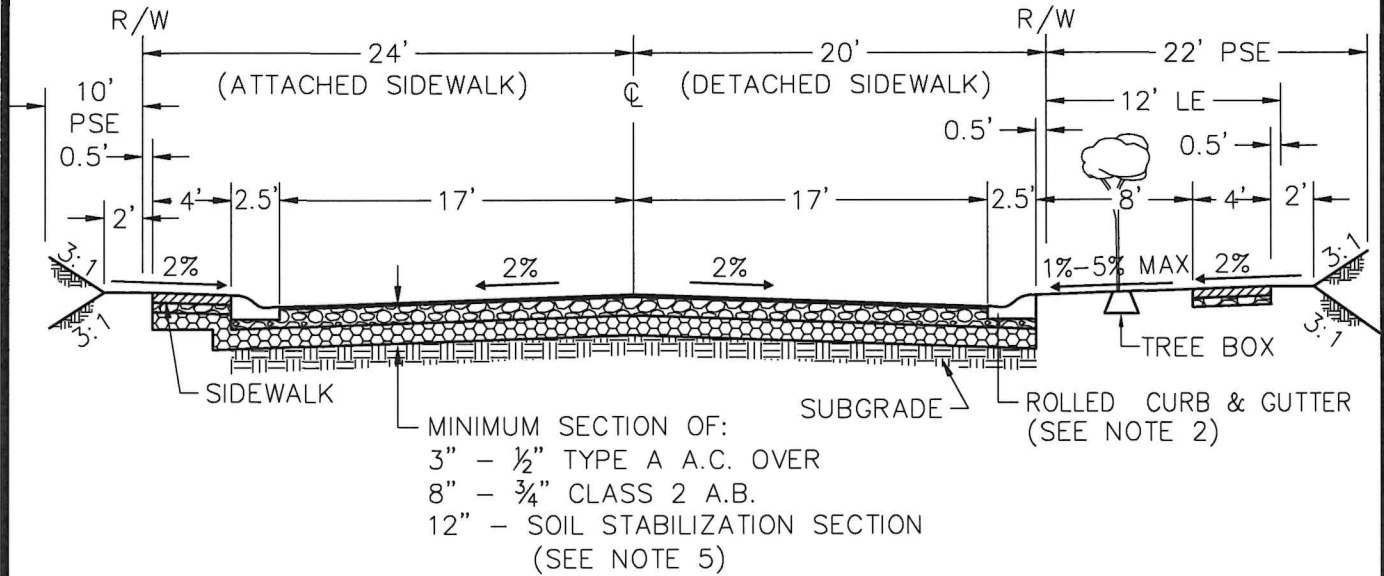
GENERAL NOTES,
SYMBOLS & ABBREVIATIONS

APPROVED BY:

8-29-06
DATE:

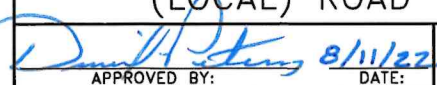
003

URBAN RESIDENTIAL (LOCAL) ROAD

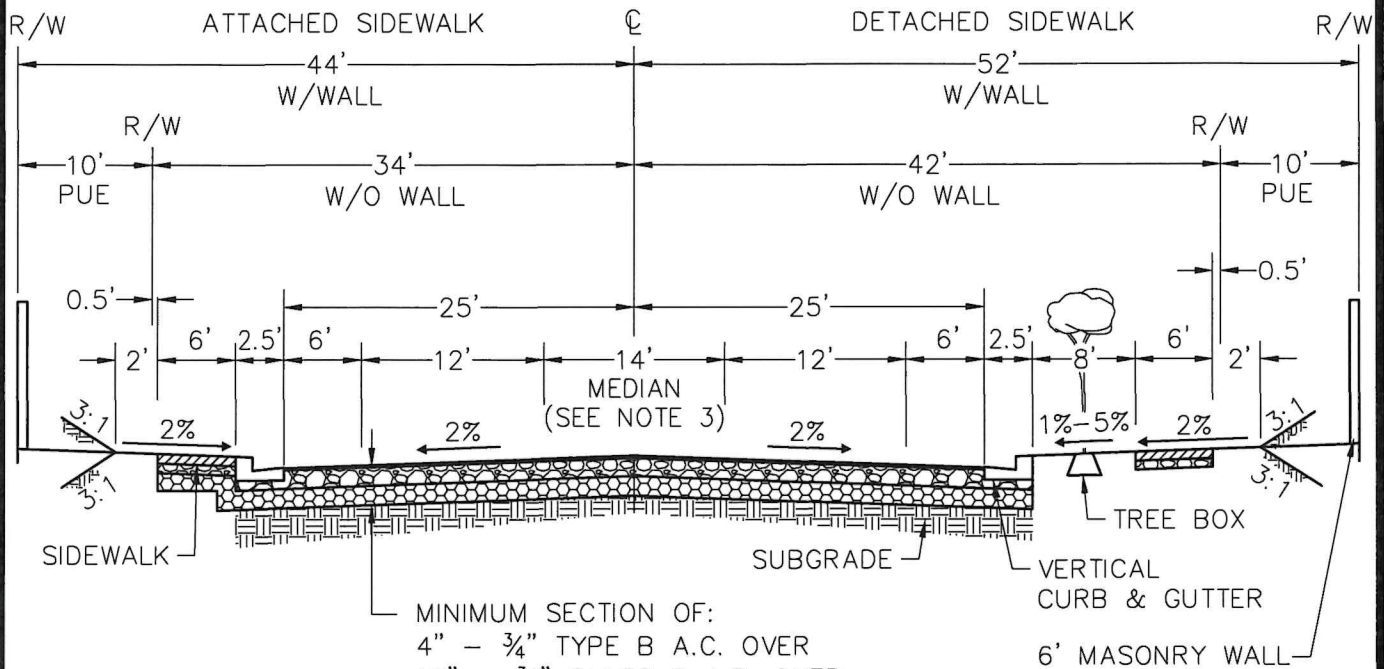


NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. VERTICAL CURB REQUIRED AT ALL PARKS, SCHOOLS AND CURB RETURNS OR AS DIRECTED BY PUBLIC WORKS.
3. DESIGN SPEED OF 30 MPH OR AS APPROVED BY PUBLIC WORKS.
4. SOIL STABILIZATION SECTION, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION
5. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.
6. IF SOIL STABILIZATION IS REQUIRED, EXTEND TO BACK OF WALK FOR ATTACHED SIDEWALK.
7. IN ALL CASES, THE MIN. ALLOWABLE STRUCTURAL PAVEMENT SECTION SHALL BE 3" OF HMA AND 8" OF AB.
8. 20 TON MIN. PROOF ROLL REQUIRED ON SUBGRADE AND AGGREGATE BASE PRIOR TO PAVING.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN RESIDENTIAL (LOCAL) ROAD	
 APPROVED BY:	DATE: 8/11/22
101	

URBAN COLLECTOR ROAD



MINIMUM SECTION OF:
 4" - 3/4" TYPE B A.C. OVER
 12" - 3/4" CLASS 2 A.B. OVER
 12" - SOIL STABILIZATION SECTION
 (SEE NOTE 7)

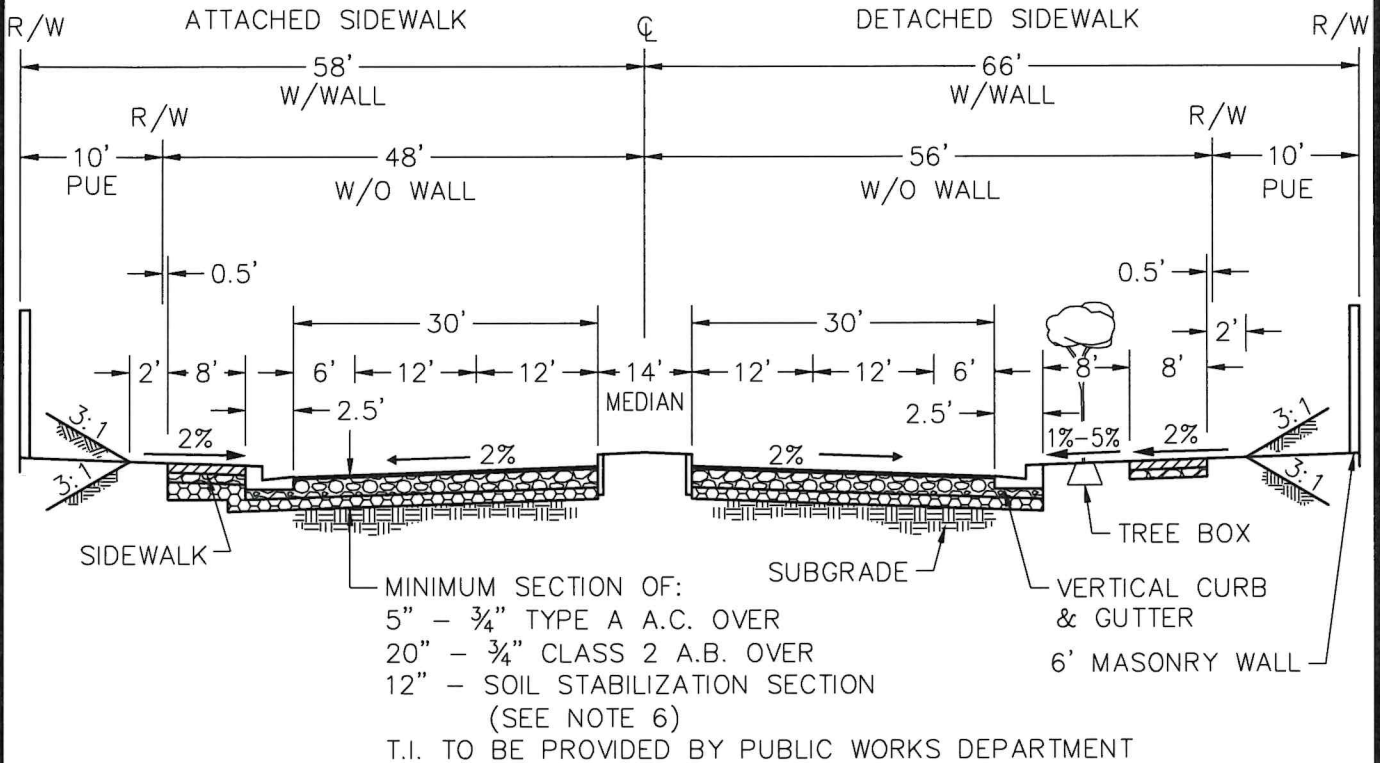
T.I. TO BE PROVIDED BY PUBLIC WORKS DEPARTMENT

NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. SOIL STABILIZATION SECTION, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
3. OPTIONAL RAISED MEDIAN TO BE DETERMINED BY PUBLIC WORKS. SEE STANDARD MEDIAN DETAIL.
4. DESIGN SPEED OF 50 MPH OR AS APPROVED BY PUBLIC WORKS.
5. RIGHT TURN TAPER REQUIRED AT ALL INTERSECTIONS WITH LOCAL ROADS.
6. RIGHT TURN LANE REQUIRED AT ALL INTERSECTIONS WITH ARTERIAL/COLLECTOR ROADS.
7. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.
8. IF SOIL STABILIZATION IS REQUIRED, EXTEND TO BACK OF WALK FOR ATTACHED SIDEWALK.
9. 20 TON MIN. PROOF ROLL REQUIRED ON SUBGRADE AND AGGREGATE BASE PRIOR TO PAVING.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN COLLECTOR ROAD	
APPROVED BY: <i>David B. King</i>	DATE: 8/11/22
102	

URBAN ARTERIAL (MAJOR) ROAD

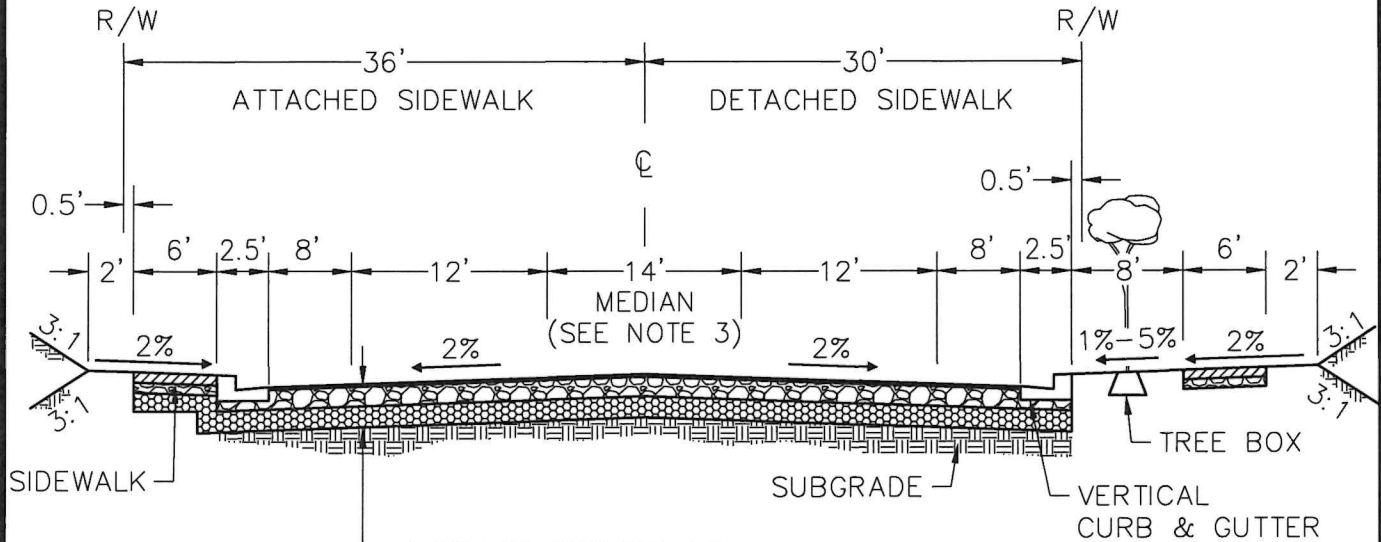


NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. SOIL STABILIZATION SECTION, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
3. DESIGN SPEED OF 60 MPH OR AS APPROVED BY PUBLIC WORKS.
4. RIGHT TURN TAPER REQUIRED AT ALL INTERSECTIONS WITH LOCAL ROADS.
5. RIGHT TURN LANE REQUIRED AT ALL INTERSECTIONS WITH ARTERIAL/COLLECTOR ROADS.
6. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.
7. FOR DETACHED SIDEWALKS THE SIDEWALK AND RIGHT-OF-WAY MAY BE REDUCED BY 2' WITH APPROVAL FROM THE PUBLIC WORKS DEPARTMENT.
8. IF SOIL STABILIZATION IS REQUIRED, EXTEND TO BACK OF WALK FOR ATTACHED SIDEWALK.
9. 20 TON MIN. PROOF ROLL REQUIRED ON SUBGRADE AND AGGREGATE BASE PRIOR TO PAVING.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN ARTERIAL (MAJOR) ROAD	
APPROVED BY: <i>Demetrius</i>	DATE: 8/11/22
103	

URBAN INDUSTRIAL/COMMERCIAL ROAD



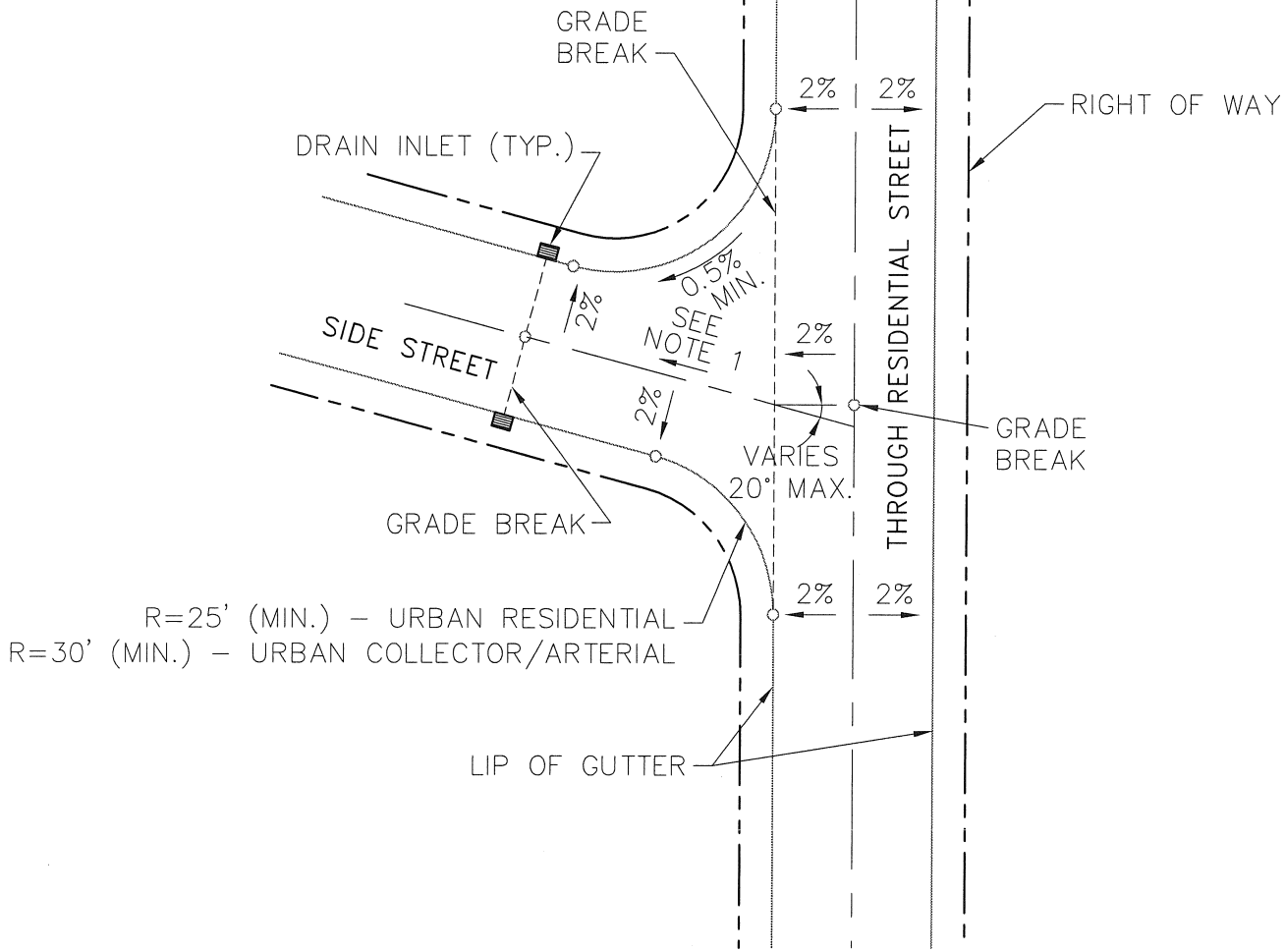
MINIMUM SECTION OF:
 5" - $\frac{3}{4}$ " TYPE A A.C. OVER
 12" - $\frac{3}{4}$ " CLASS 2 A.B. OVER
 12" - SOIL STABILIZATION SECTION
 (SEE NOTE 5)

T.I. TO BE PROVIDED BY PUBLIC WORKS DEPARTMENT

NOTES:

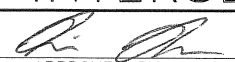
1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. SOIL STABILIZATION SECTION, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
3. RAISED MEDIAN TO BE DETERMINED BY PUBLIC WORKS. SEE STANDARD MEDIAN DETAIL IF A RAISED MEDIAN IS SPECIFIED.
4. DESIGN SPEED OF 40 MPH OR AS APPROVED BY PUBLIC WORKS.
5. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.
6. IF SOIL STABILIZATION IS REQUIRED, EXTEND TO BACK OF WALK FOR ATTACHED SIDEWALK.
7. 20 TON MIN. PROOF ROLL REQUIRED ON SUBGRADE AND AGGREGATE BASE PRIOR TO PAVING.

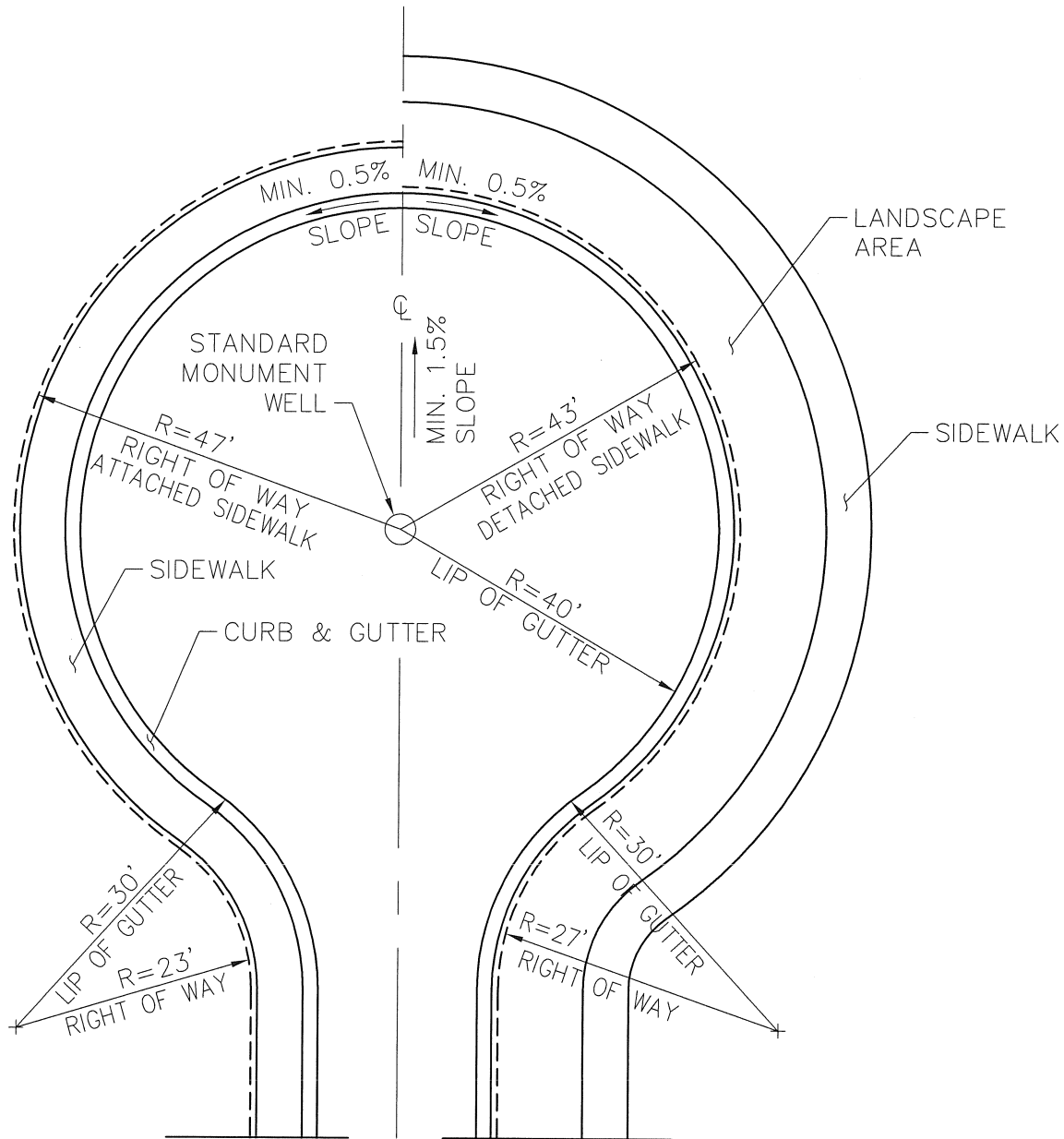
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN INDUSTRIAL/COMMERCIAL	
APPROVED BY: <i>Daniel J. King</i>	DATE: 8/11/22
104	



NOTES:


1. SET PROFILE GRADE SO THAT MINIMUM SLOPE ON ALL GUTTER GRADES WILL BE 0.50% THROUGH CURB RETURN.
2. INTERSECTION ANGLE BETWEEN SIDE STREETS WITH AN URBAN COLLECTOR OR ARTERIAL SHALL BE 90°.

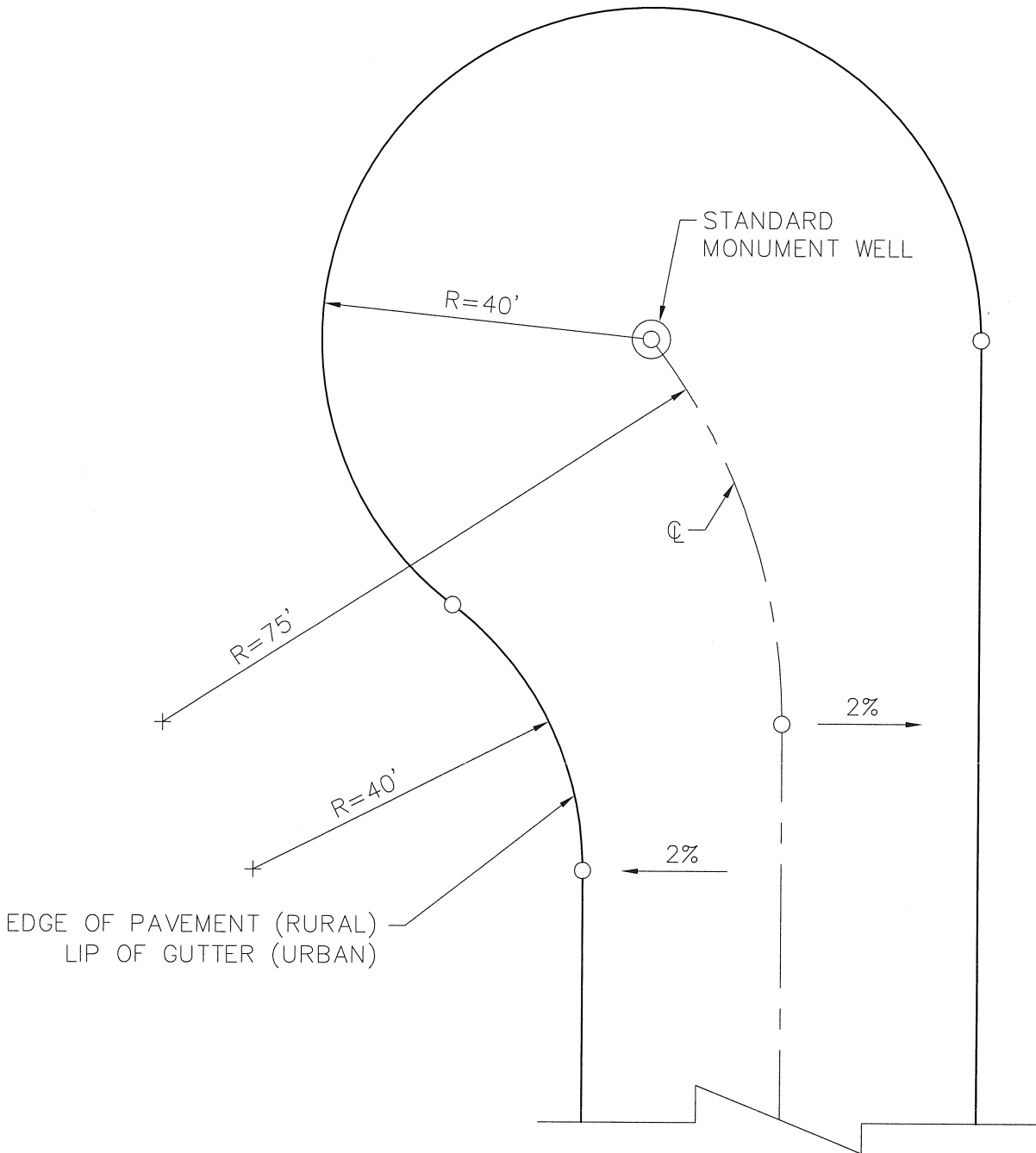
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN RESIDENTIAL INTERSECTIONS	
APPROVED BY: 	DATE: 8-29-06
	105



NOTES:


1. STRUCTURAL SECTION IN CUL-DE-SAC SHALL MATCH URBAN RESIDENTIAL (LOCAL) ROAD.
2. PROPOSED FLOWLINE OR EDGE OF PAVEMENT ELEVATIONS SHALL BE INDICATED AT 25 FOOT (MAXIMUM) INTERVALS.

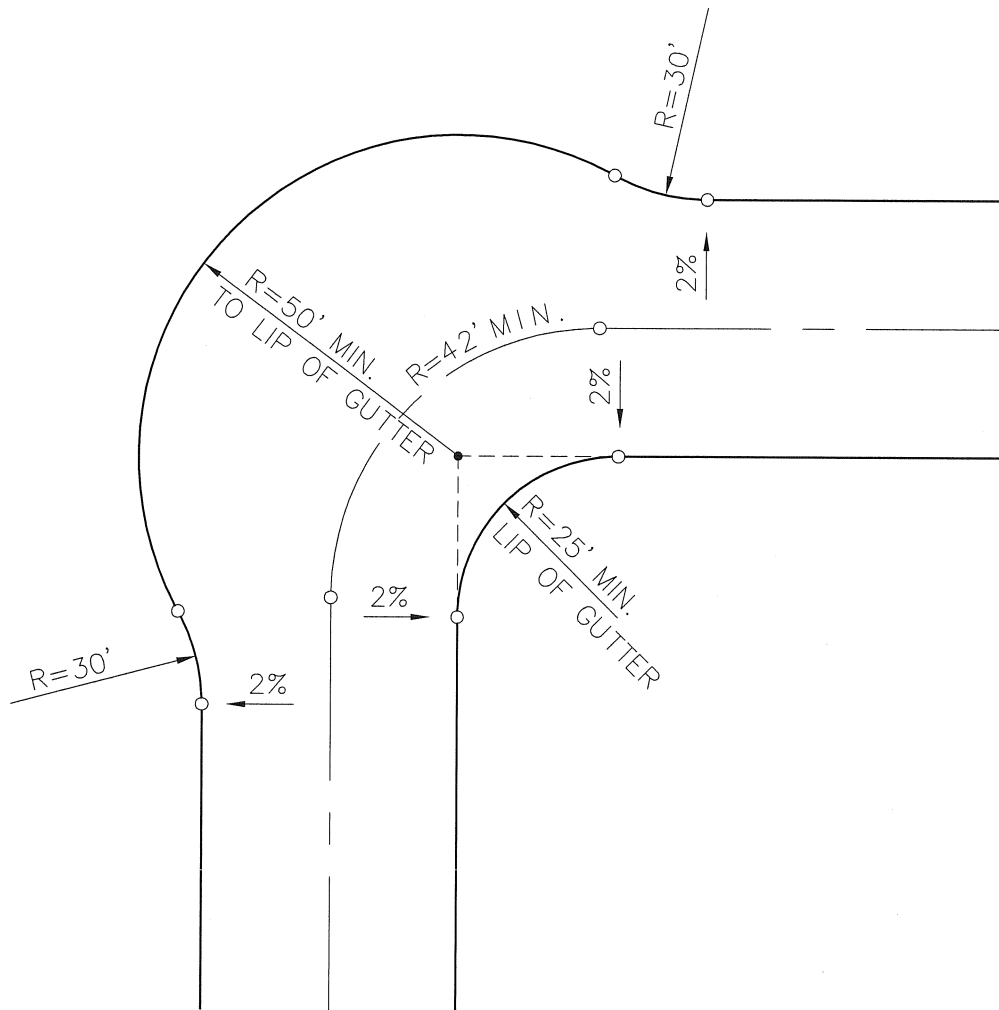
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
TYPICAL URBAN CUL-DE-SAC	
 APPROVED BY:	8-24-06 DATE:
106	



NOTES:


1. STRUCTURAL SECTION IN CUL-DE-SAC SHALL MATCH APPROPRIATE ROAD SECTION.
2. PROPOSED FLOWLINE OR EDGE OF PAVEMENT ELEVATIONS SHALL BE INDICATED AT 25 FOOT (MAXIMUM) INTERVALS.
3. SEE URBAN &/OR RURAL CUL-DE-SAC STANDARDS FOR DESIGN DETAILS.
4. COMMERCIAL AND INDUSTRIAL APPLICATIONS WILL REQUIRE A SPECIAL DESIGN APPROVED BY PUBLIC WORKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN/RURAL OFFSET CUL-DE-SAC	
 APPROVED BY:	8-29-06 DATE:
107	

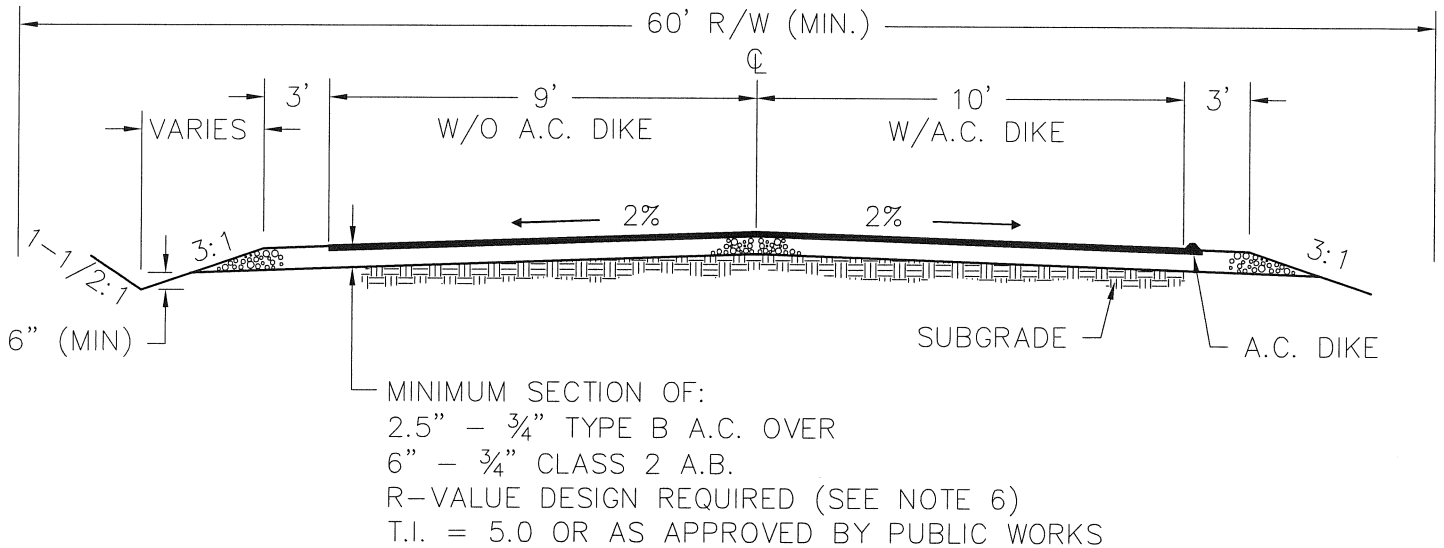


NOTES:

1. INTERSECTION KNUCKLES ARE NOT REQUIRED WHERE THE CENTERLINE RADIUS EXCEEDS 100'.
2. INTERSECTION ANGLE SHALL BE BETWEEN 80° TO 110°.
3. MINIMUM GUTTER SLOPE THROUGH KNUCKLE IS 0.5%.

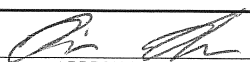
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
URBAN RESIDENTIAL KNUCKLE	
 APPROVED BY:	8-29-06 DATE:
108	

RURAL LOCAL ROAD
UNDER 500 ADT

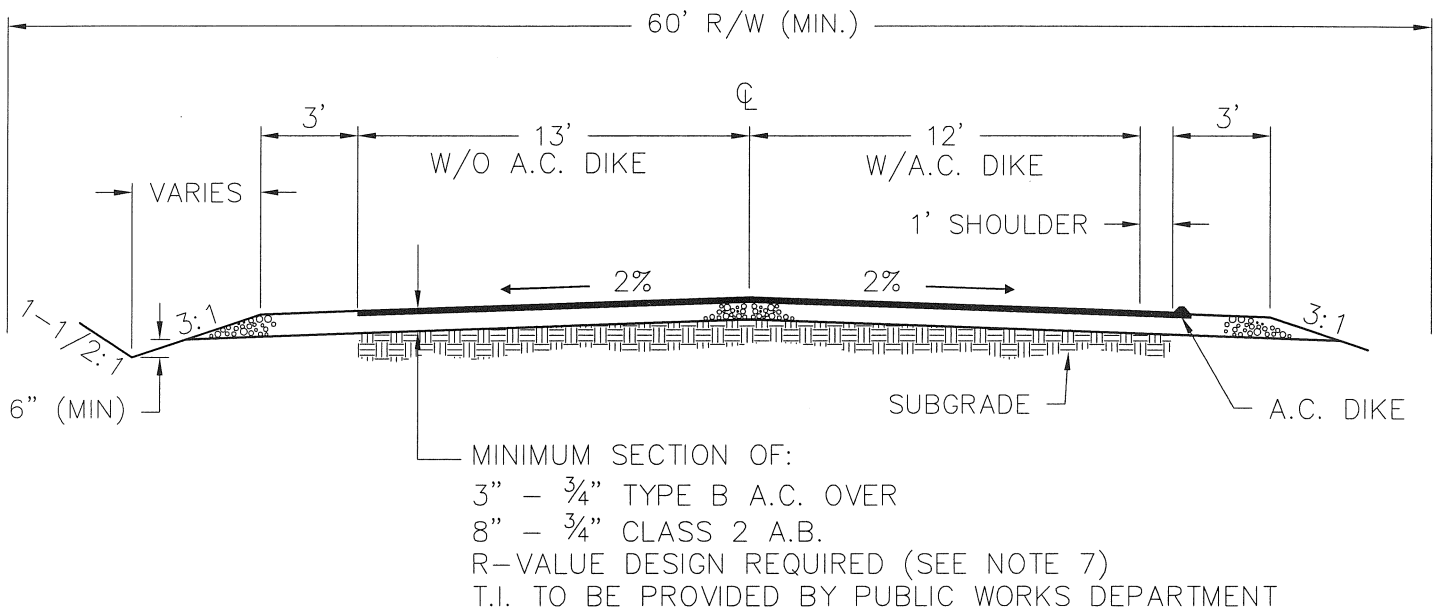


NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. SEE ROCK LINED DITCH DETAIL FOR REQUIREMENTS.
3. DESIGN SPEED IS 40 M.P.H. OR AS APPROVED BY PUBLIC WORKS.
4. LOCATIONS OF AC DIKE SHALL BE DETERMINED BY THE ENGINEER AND APPROVED BY PUBLIC WORKS.
5. TOP 12" OF SUBGRADE, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
6. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
RURAL LOCAL ROAD	
 APPROVED BY:	8-29-06 DATE:
121	

RURAL MINOR COLLECTOR ROAD



NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. SEE ROCK LINED DITCH DETAIL FOR REQUIREMENTS.
3. DESIGN SPEED IS 50 M.P.H. OR AS APPROVED BY PUBLIC WORKS.
4. LOCATIONS OF AC DIKE SHALL BE DETERMINED BY THE ENGINEER AND APPROVED BY PUBLIC WORKS.
5. TOP 12" OF SUBGRADE, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
6. PROVIDE LEFT TURN LANES AS DETERMINED BY PUBLIC WORKS.
7. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

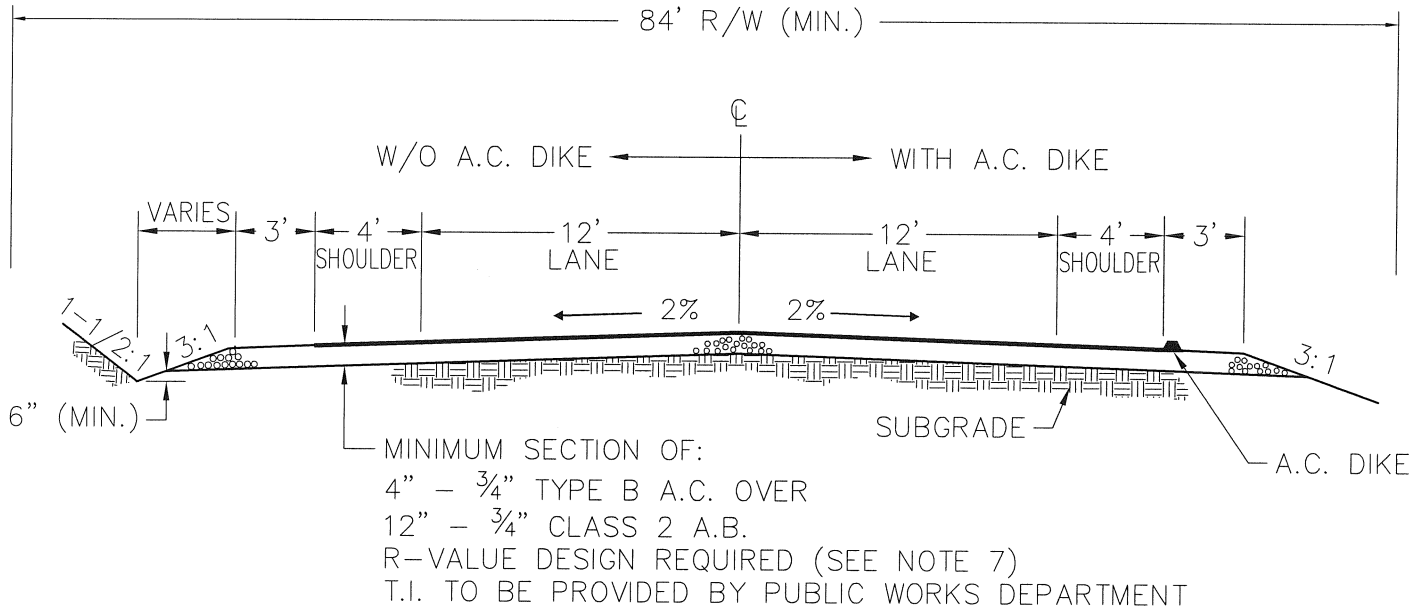
RURAL MINOR
COLLECTOR ROAD

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APPROVED BY:

8-29-06
DATE:

122

RURAL MAJOR COLLECTOR ROAD

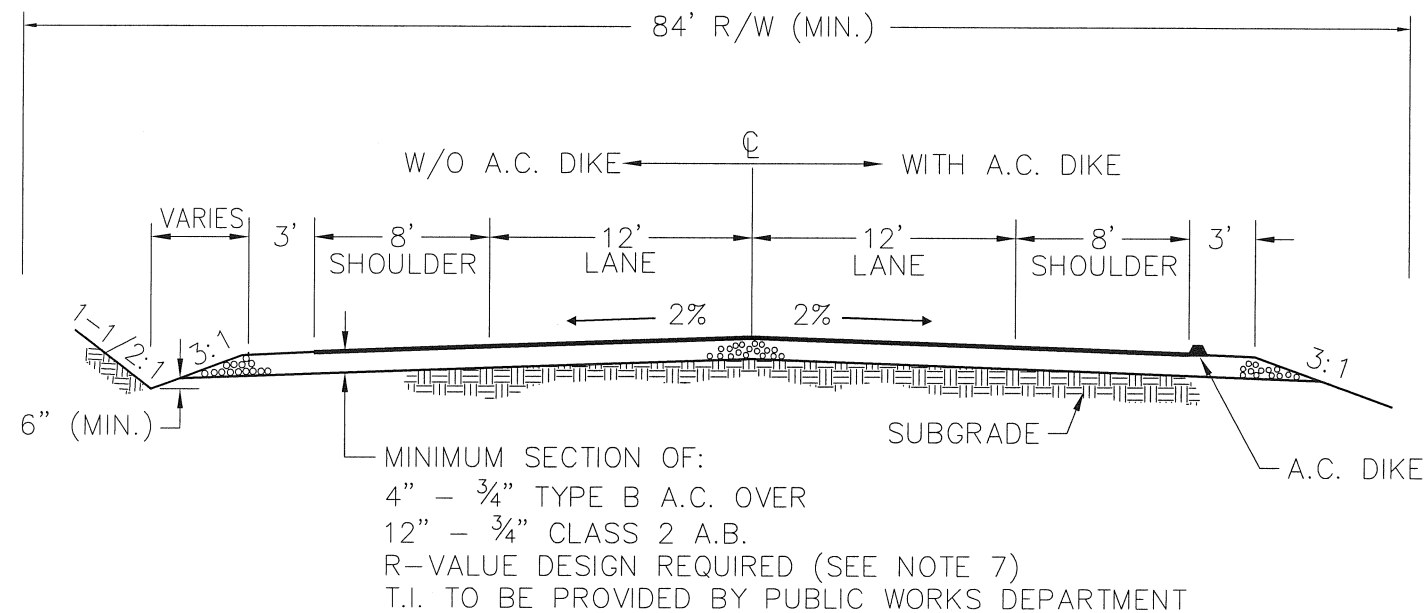


NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. DESIGN SPEED IS 60 M.P.H. OR AS APPROVED BY PUBLIC WORKS.
3. SEE ROCK LINED DITCH DETAIL FOR REQUIREMENTS.
4. LOCATION OF AC DIKE SHALL BE DETERMINED BY THE ENGINEER AND APPROVED BY PUBLIC WORKS.
5. TOP 12" OF SUBGRADE, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
6. PROVIDE LEFT TURN LANE AT ALL COUNTY ROAD INTERSECTIONS AND AS DETERMINED BY PUBLIC WORKS.
7. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
RURAL MAJOR COLLECTOR ROAD	
 APPROVED BY:	8-29-06 DATE:
123	

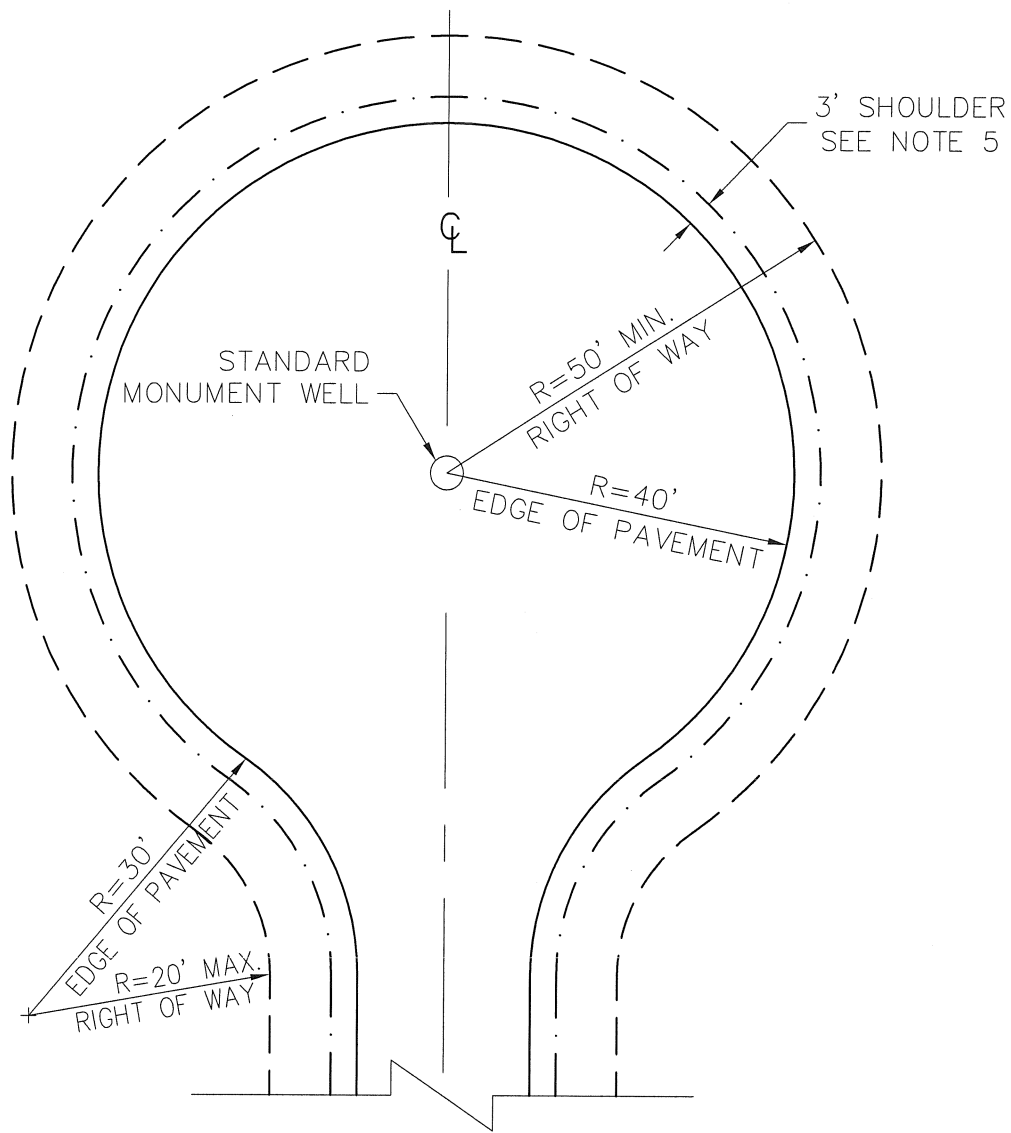
RURAL ARTERIAL ROAD



NOTES:

1. REFER TO SECTION 6 OF YUBA COUNTY STANDARD SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. DESIGN SPEED IS 60 M.P.H. OR AS APPROVED BY PUBLIC WORKS.
3. SEE ROCK LINED DITCH DETAIL FOR REQUIREMENTS.
4. LOCATION OF AC DIKE SHALL BE DETERMINED BY THE ENGINEER AND APPROVED BY PUBLIC WORKS.
5. TOP 12" OF SUBGRADE, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
6. PROVIDE LEFT TURN LANE AT ALL COUNTY ROAD INTERSECTIONS AND AS DETERMINED BY PUBLIC WORKS.
7. SOIL STABILIZATION TREATMENT IS REQUIRED ON ALL SUBGRADE WHEN R-VALUE IS 20 OR LESS AND/OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND AS DIRECTED BY PUBLIC WORKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
RURAL ARTERIAL ROAD	
APPROVED BY:	DATE: 8-29-06
124	



WIDTHS OF SURFACING, SHOULDERS AND
RIGHT OF WAY OF CONNECTING ROAD VARIES

NOTES:

1. STRUCTURAL SECTION IN CUL-DE-SAC SHALL MATCH RURAL RESIDENTIAL (LOCAL) ROAD.
2. CROSS SLOPE OF CUL-DE-SAC SHALL BE CONSTRUCTED TO DRAIN AS NECESSARY. MAXIMUM CROSS SLOPE SHALL BE 6% EXCEPT IN AREAS OF RESTRICTIVE TOPOGRAPHY. THE PUBLIC WORKS DIRECTOR MAY ALLOW CROSS SLOPES BETWEEN 6%-8%.
3. PROPOSED FLOWLINE OR EDGE OF PAVEMENT ELEVATIONS SHALL BE INDICATED AT 25 FOOT (MAXIMUM) INTERVALS.
4. RIGHT OF WAY EXTENDS 3' FROM TOE OF SLOPE OR TOP OF BANK AROUND CUL-DE-SAC.
5. ADD 1' TO PAVEMENT DIMENSIONS IF A.C. DIKE IS USED.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

TYPICAL RURAL
CUL-DE-SAC

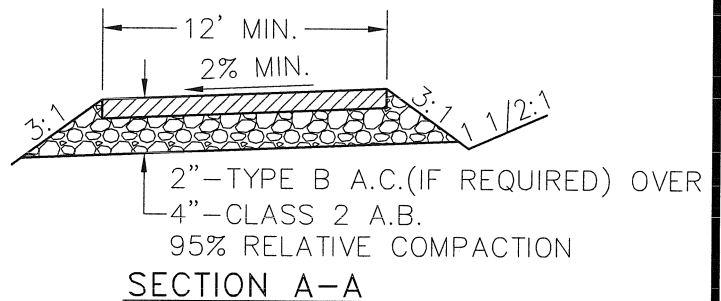
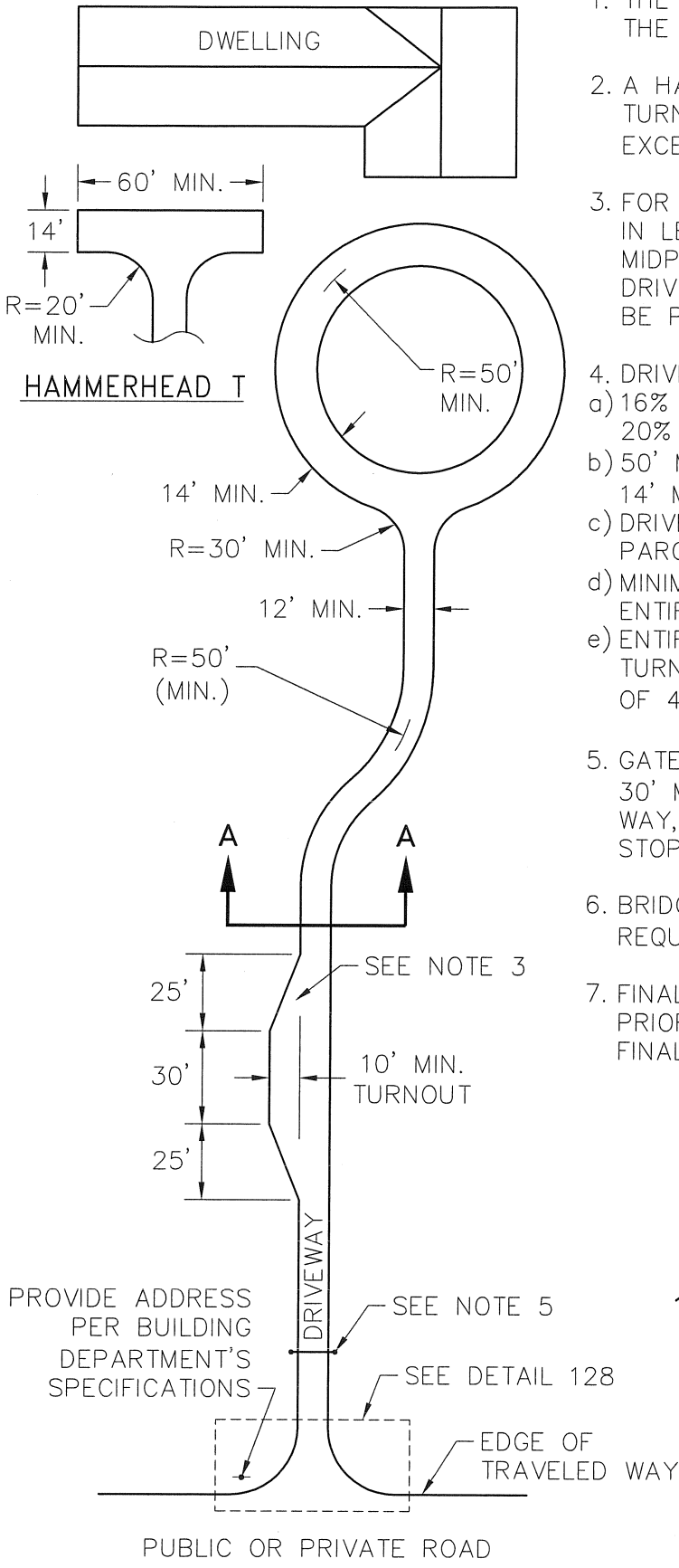
APPROVED BY:

8-29-06
DATE:

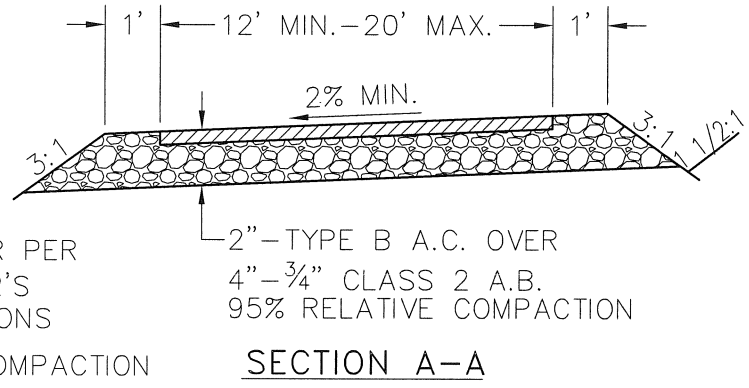
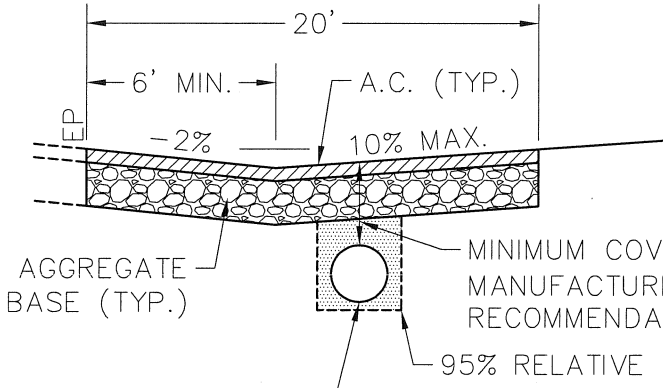
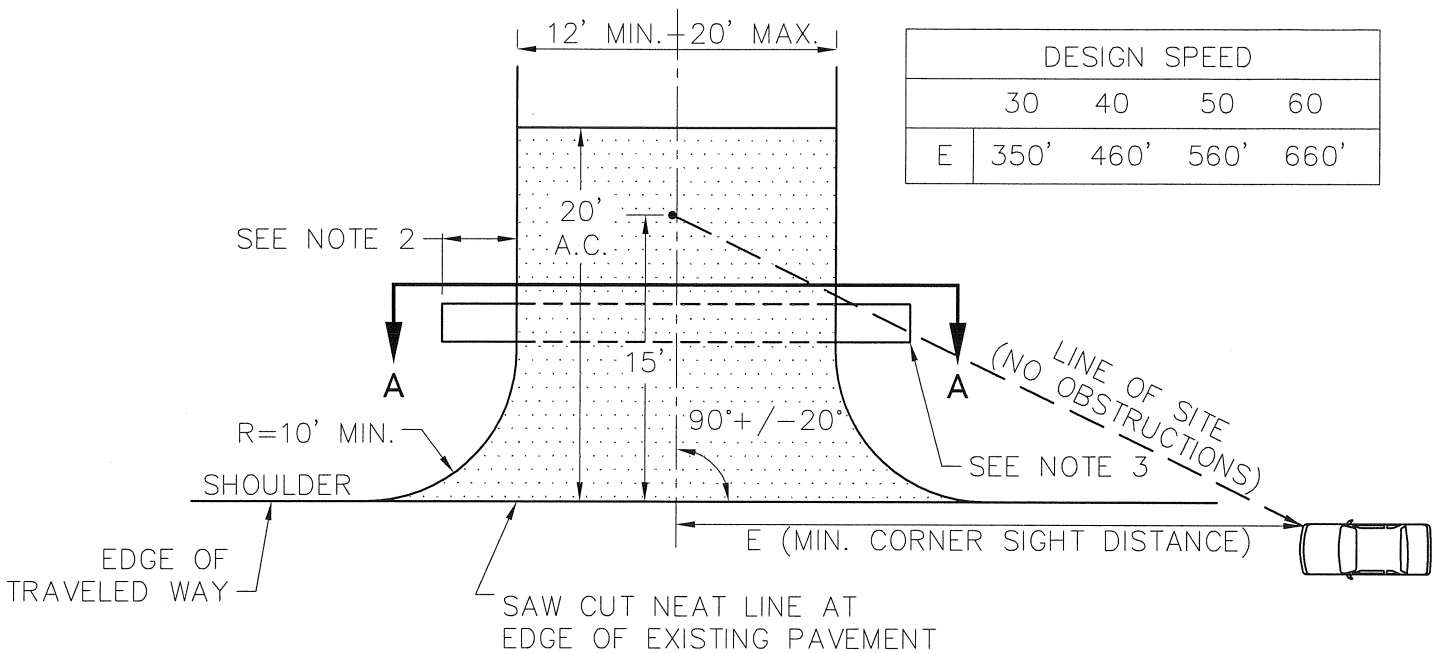
126

NOTES:

1. THE DRIVEWAY SHALL TERMINATE WITHIN 50' OF THE DWELLING.
2. A HAMMERHEAD T OR TERMINUS BULB TURNAROUND IS REQUIRED WHEN DRIVEWAY EXCEEDS 300'.
3. FOR DRIVEWAYS BETWEEN 150 FEET AND 800 FEET IN LENGTH, PROVIDE A TURNOUT NEAR THE MIDPOINT OF THE DRIVEWAY. WHERE THE DRIVEWAY EXCEEDS 800 FEET, TURNOUTS SHALL BE PROVIDED NO MORE THAN 400 FEET APART.
4. DRIVEWAY REQUIREMENTS:
 - a) 16% MAXIMUM DRIVEWAY GRADE FOR A.B. AND 20% MAXIMUM DRIVEWAY GRADE FOR A.C.
 - b) 50' MINIMUM CENTERLINE RADIUS ON CURVES. 14' MINIMUM DRIVEWAY WIDTH ON CURVES.
 - c) DRIVEWAYS SHALL SERVE NO MORE THAN 2 PARCELS.
 - d) MINIMUM VERTICAL CLEARANCE IS 15' ALONG ENTIRE LENGTH OF DRIVEWAY.
 - e) ENTIRE DRIVEWAY, INCLUDING TURNAROUND AND TURNOUTS, MUST BE SURFACED WITH A MINIMUM OF 4" COMPACTED CLASS 2 AGGREGATE BASE.
5. GATE OPENING MUST BE A MINIMUM OF 16' WIDE, 30' MINIMUM DISTANCE FROM EDGE OF TRAVELED WAY, AND MUST OPEN TO ALLOW VEHICLE TO STOP WITHOUT OBSTRUCTING ROAD TRAFFIC.
6. BRIDGE CONSTRUCTION MUST MEET H-20 LOADING REQUIREMENTS (80,000 LBS.)
7. FINAL APPROVAL OF THE DRIVEWAY IS REQUIRED PRIOR TO BUILDING DEPARTMENT ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY.



YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
RURAL DRIVEWAY	
 APPROVED BY:	8-29-06 DATE:
127	

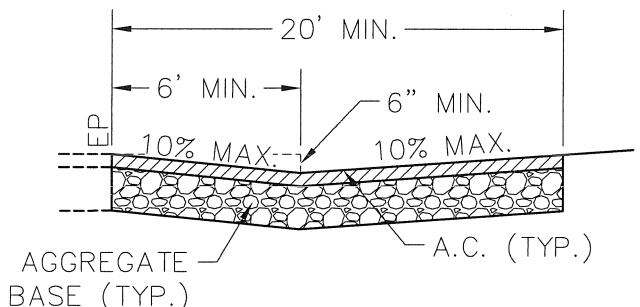


SEE NOTES 3 & 4

CULVERT DRAIN SECTION

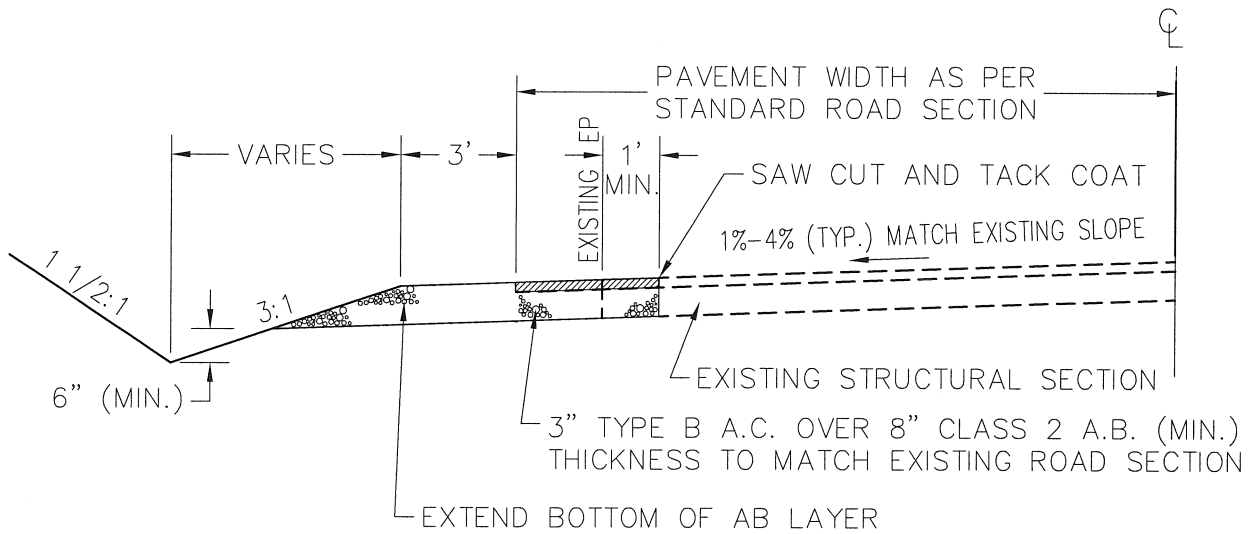
NOTES:

1. PAVEMENT NOT REQUIRED WHEN CONNECTING TO A GRAVEL ROAD.
2. EXTEND CULVERT 1' BEYOND TOE OF SLOPE. APPLY ROCK INLET/OUTLET PROTECTION IF SLOPE OF DITCH EXCEEDS 7%.
3. CONSTRUCT DITCH FROM END OF CULVERT TO EXISTING DITCH (BOTH SIDES).
4. IF CULVERT IS REQUIRED, MINIMUM CULVERT SIZE SHALL BE 12" OR AS DIRECTED BY PUBLIC WORKS. CULVERT MAY BE 12 GAUGE CMP, HDPE, RCP, SDR35, C905 OR AS APPROVED BY PUBLIC WORKS.



VALLEY DRAIN SECTION

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
DRIVEWAY APRON 1 OR 2 RESIDENCES	
APPROVED BY:	DATE: 8-29-06
	128



WIDENING AND SHOULDER IMPROVEMENTS

NOTES:

1. TOP 12" OF SUBGRADE, A.B. LAYER AND A.C. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
2. ACTUAL LOCATION OF SAW CUT TO BE DETERMINED BY PUBLIC WORKS.
3. ADDITIONAL A.C. OVERLAY MAY BE REQUIRED.

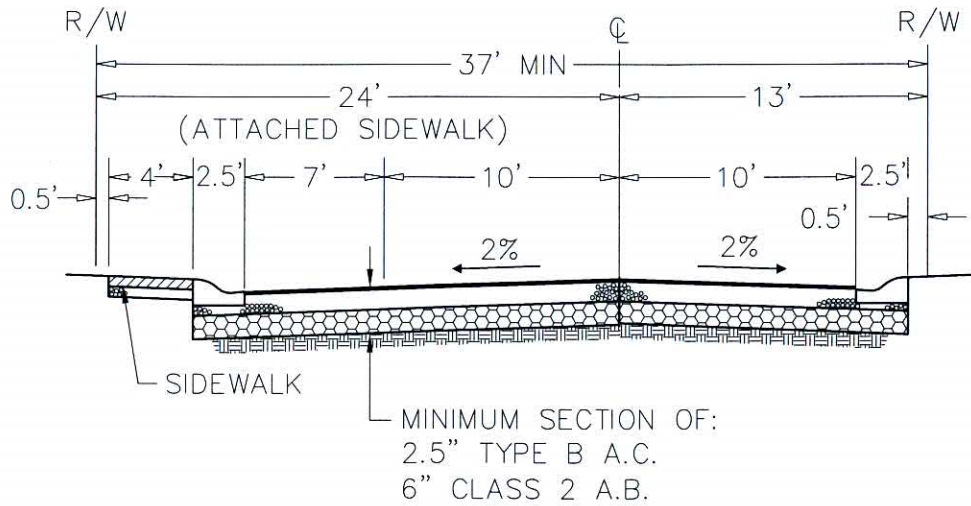
YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

IMPROVEMENTS TO EXISTING
RURAL ROADS

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APPROVED BY:

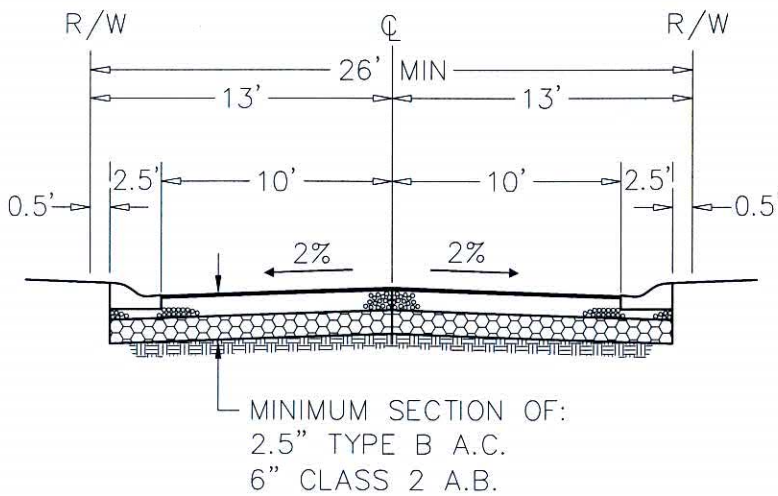
8-29-06
DATE:

129



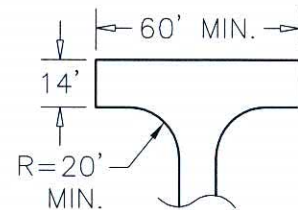
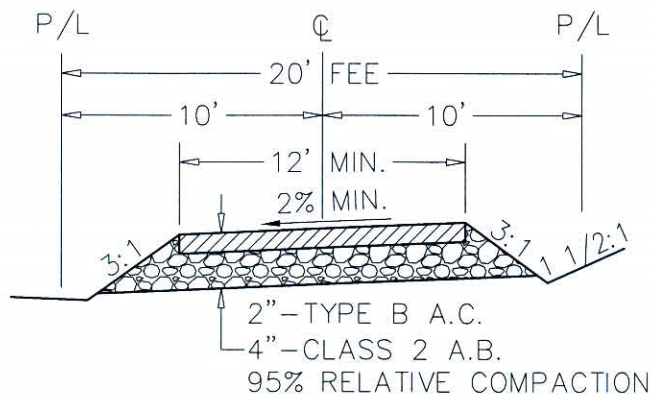
1. PARKING ONLY ON ONE SIDE OF STREET.
2. NO PARKING SIGNS SHALL BE POSTED FOR SIDE WITHOUT PARKING.
3. MAY ALSO MARK CURBS IN RED FOR NO PARKING.

4+ LOTS (NO PARKING 1 SIDE OF STREET)



1. SIGNS SHALL BE POSTED FOR NO PARKING ON BOTH SIDES OF STREET.
2. MAY ALSO MARK CURBS IN RED FOR NO PARKING.

2-3 LOTS (NO ON-STREET PARKING)



HAMMER HEAD "T"
IN CONFORMANCE WITH FIRE DEPARTMENT REQUIREMENTS

FLAG LOT (1 LOT)

NOTES:

1. WHEN 2 OR MORE RESIDENCES USE THE ACCESS ROAD, A HAMMER HEAD "T" OR OTHER TURN-AROUND AREA APPROVED BY THE FIRE DEPT. AND THE PUBLIC WORKS DEPT. SHALL BE PROVIDED.

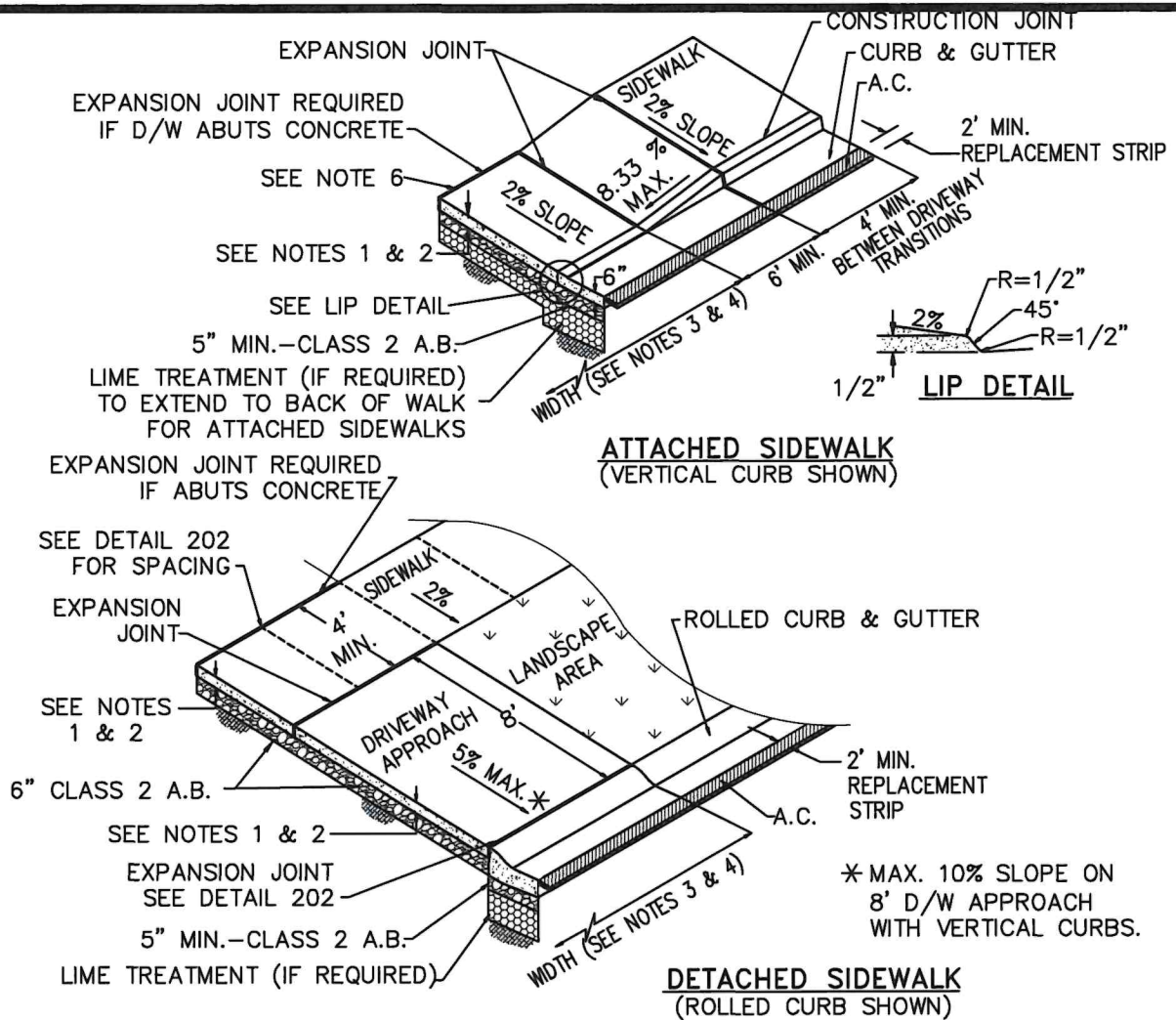
YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

URBAN IN-FILL DEVELOPMENT
PRIVATE ACCESS ROADS

Michael Lee
APPROVED BY:

9/3/09
DATE:

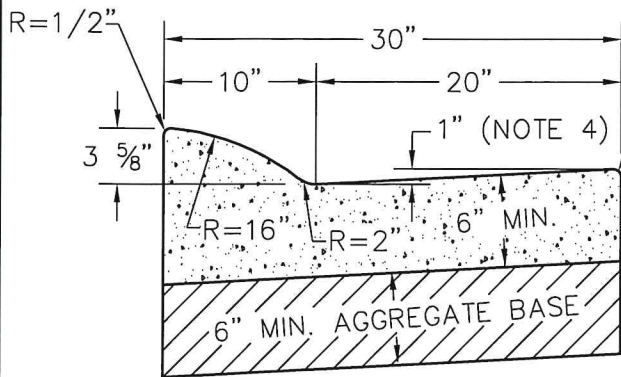
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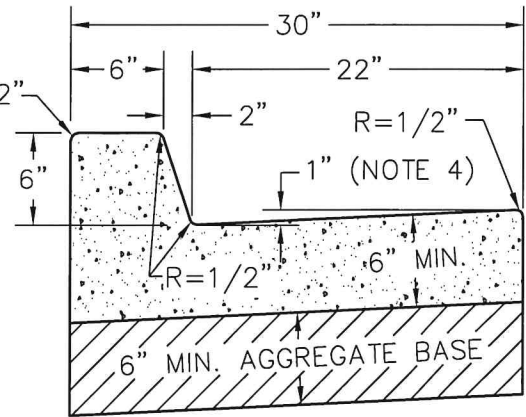
NOTES:

1. MINIMUM D/W SLAB THICKNESS IN SINGLE FAMILY RESIDENTIAL AREAS SHALL BE 4".
2. MINIMUM D/W SLAB AND SIDEWALK THICKNESS IN COMMERCIAL AREAS SHALL BE 6" WITH #10 WIRE MESH, 6" O.C.
3. WIDTH OF RESIDENTIAL D/W SHALL BE 12' MINIMUM AND 30' MAXIMUM. UNDER SPECIAL CIRCUMSTANCES THE DRIVEWAY MAY BE A MAXIMUM OF 40' OR 50% OF THE LOT FRONTAGE, WHICHEVER IS LESS, ON APPROVAL OF THE PUBLIC WORKS DEPARTMENT WITH AN ENCROACHMENT PERMIT (EXCLUDING CUL-DE-SAC'S).
4. MAXIMUM WIDTH FOR COMMERCIAL D/W SHALL BE 35', UNLESS APPROVED BY PUBLIC WORKS DEPARTMENT.
5. TOP 12" OF SUBGRADE AND A.B. LAYER SHALL BE COMPACTED TO 95% RELATIVE COMPACTION THROUGHOUT D/W AREA.
6. D/W APPROACH & SIDEWALK SHALL BE POURED SEPARATELY FROM CURB.
7. ON SITE GRADING MAY BE REQUIRED TO ELIMINATE EXCESSIVE GRADE CHANGE AND TO MAINTAIN SUITABLE DRAINAGE.
8. ALL CONCRETE AND A.C. REMOVALS SHALL BE TO NEAT SAW CUT LINES.
9. MAXIMUM OF ONE D/W PER 100 LF OF LOT FRONTAGE.
10. NO REBAR INTO BACK OF CURB.
11. CONCRETE TO BE MINOR CONCRETE PER CALTRANS SPEC.

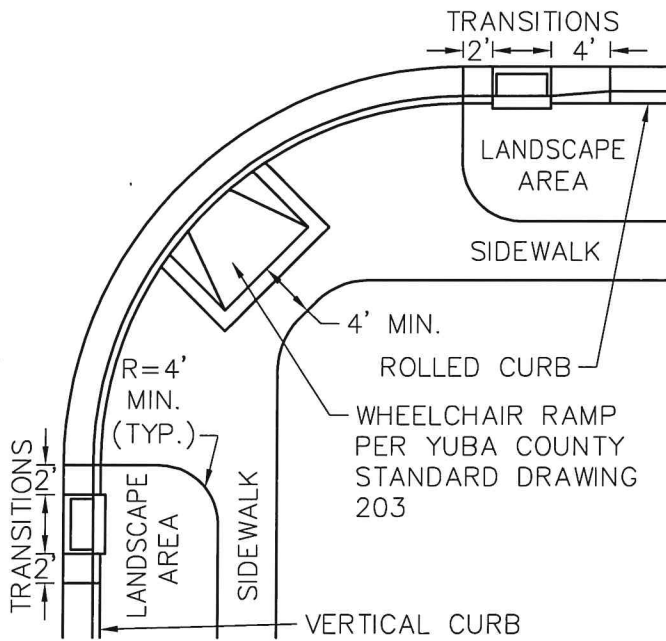
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STANDARD DRIVEWAY	
<i>Daniel's</i> APPROVED BY:	DATE: 8/11/22 200



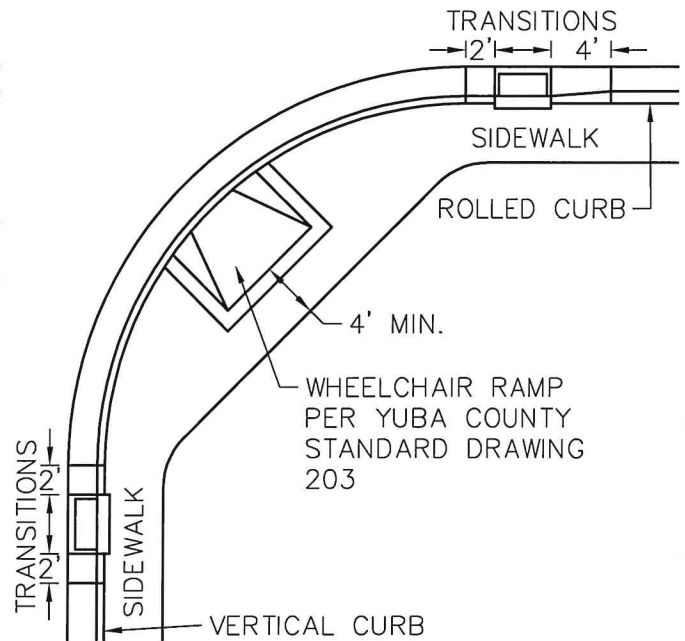
ROLLED CURB AND GUTTER



VERTICAL CURB AND GUTTER



DETACHED SIDEWALK PLAN VIEW

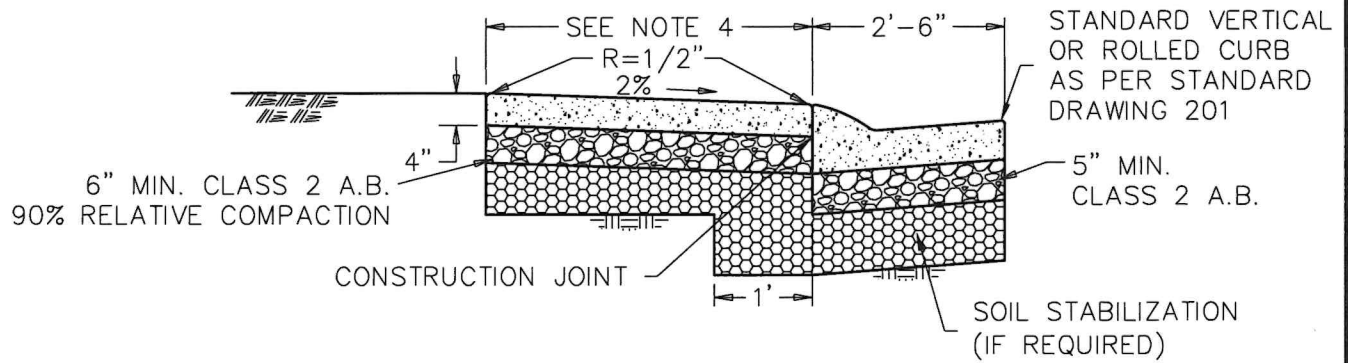


ATTACHED SIDEWALK PLAN VIEW

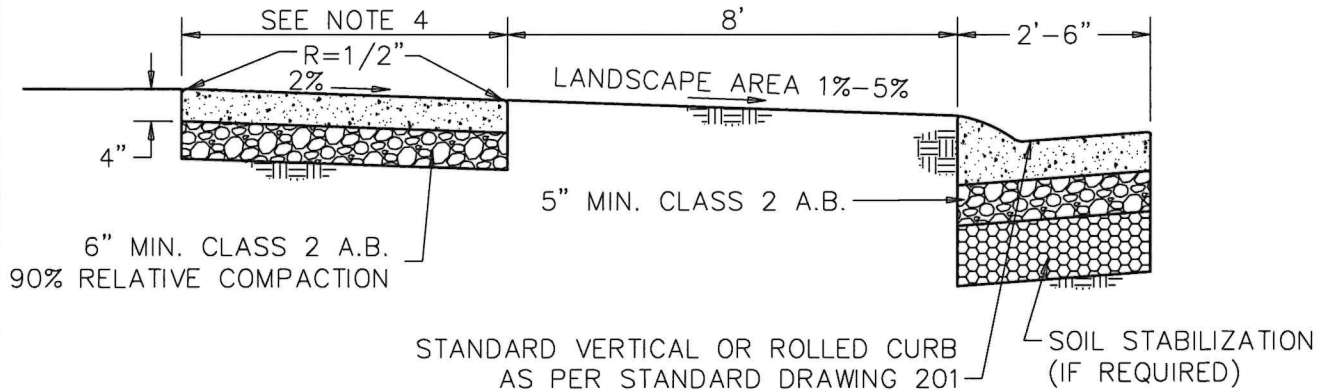
NOTES:

1. CURB, GUTTER AND SIDEWALK SHALL BE CONSTRUCTED OF CLASS "B" CONCRETE IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS.
2. ALL CURB GUTTER AND SIDEWALK SHALL HAVE A BROOM FINISH.
3. VERTICAL CURB AND GUTTER TO BE USED AT ALL CURB RETURNS WITH A 1/2" EXPANSION JOINT AT BOTH ENDS.
4. GUTTER PAN CROSS SLOPE NOT TO EXCEED 5% MAXIMUM, OR BE LESS THAN 4% MINIMUM.
5. AGGREGATE BASE SUBGRADE TO BE COMPACTED TO MINIMUM OF 95% RELATIVE COMPACTION.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
CURB AND GUTTER DETAILS	
APPROVED BY:	4/1/20 DATE:
201	



SECTION THROUGH
STANDARD CURB, GUTTER AND ATTACHED SIDEWALK
N.T.S



SECTION THROUGH
STANDARD CURB, GUTTER AND DETACHED SIDEWALK
N.T.S

NOTES:

1. CONCRETE TO BE MINOR CONCRETE PER CALTRANS SPEC.
2. TOP 12" OF SUBGRADE AND A.B. LAYER SHALL BE COMPACTED TO 90% RELATIVE COMPACTION FOR SIDEWALKS AND 95% FOR CURB AND GUTTER.
3. ALTERNATIVE SIDEWALK SECTION - 6" CONCRETE ON 4" SAND OR CLASS 2 A.B.
4. MINIMUM SIDEWALK WIDTHS SHALL BE 4' FOR RESIDENTIAL STREETS AND 6' FOR COLLECTORS, SCHOOLS, PARKS AND COMMERCIAL LOTS. SIDEWALK TO BE POURED SEPARATELY FROM CURB UNLESS OTHERWISE APPROVED BY THE COUNTY. DO NOT DOWEL CURB TO SIDEWALK.
5. NO PULL BOX, UTILITY VAULT, UTILITY POLE, MANHOLE OR OTHER OBSTRUCTIONS SHALL BE LOCATED WITHIN SIDEWALK OR RAMP AREA (RETURN TO RETURN).
6. ALL CROSSINGS UNDER SIDEWALKS AND CURB AND GUTTER SHALL BE INSTALLED PRIOR TO PLACING CONCRETE.
7. EXPANSION JOINTS NOT TO EXCEED 20' SPACING FOR SIDEWALKS AND 40' SPACING FOR CURB AND GUTTER.
8. EXPANSION JOINT SHALL BE FILLED WITH 1/2" MIN. THICK PREFORMED JOINT FILLER AS PER CALTRANS SPECIFICATIONS AND BE THE FULL DEPTH OF CONCRETE.
9. SEE STANDARD 208 FOR CONCRETE JOINT & FINISH DETAILS.
10. IF SOIL STABILIZATION IS REQUIRED, EXTEND TO BACK OF WALK FOR ATTACHED SIDEWALK.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STANDARD CURB, GUTTER AND SIDEWALK	
APPROVED BY: <i>David A. Peterson</i>	DATE: 8/11/22
202	

SEE CALTRANS
DETAILS A88A, A88B,
A90A, AND A90B

NOTES:

1. LOCATE RAMP AT MIDPOINT OF CURB RETURNS.
2. SIDEWALK AND RAMP SHALL BE CONSTRUCTED WITH MINOR CONCRETE IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS.
3. NO PULL BOX, UTILITY VAULT, UTILITY POLE, MANHOLE OR OTHER OBSTRUCTIONS SHALL BE LOCATED WITHIN SIDEWALK OR RAMP AREA (RETURN TO RETURN).
4. ALL INLETS SHALL BE LOCATED OUTSIDE OF CURB RETURNS.
5. CONTRACTOR TO PROVIDE ADEQUATE JOINTS TO CONTROL CRACKING.
6. MEET CURRENT ADA STANDARDS. INSTALL RAISED TRUNCATED DOMES AS REQUIRED.
7. DOWEL RAMP ONLY INTO CURB/GUTTER WITH #4 REBAR 18" O.C. 6" INTO CURB.

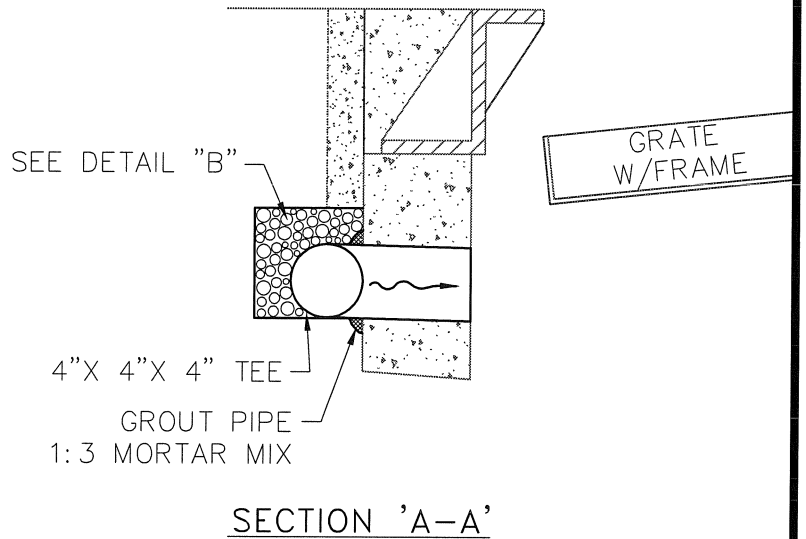
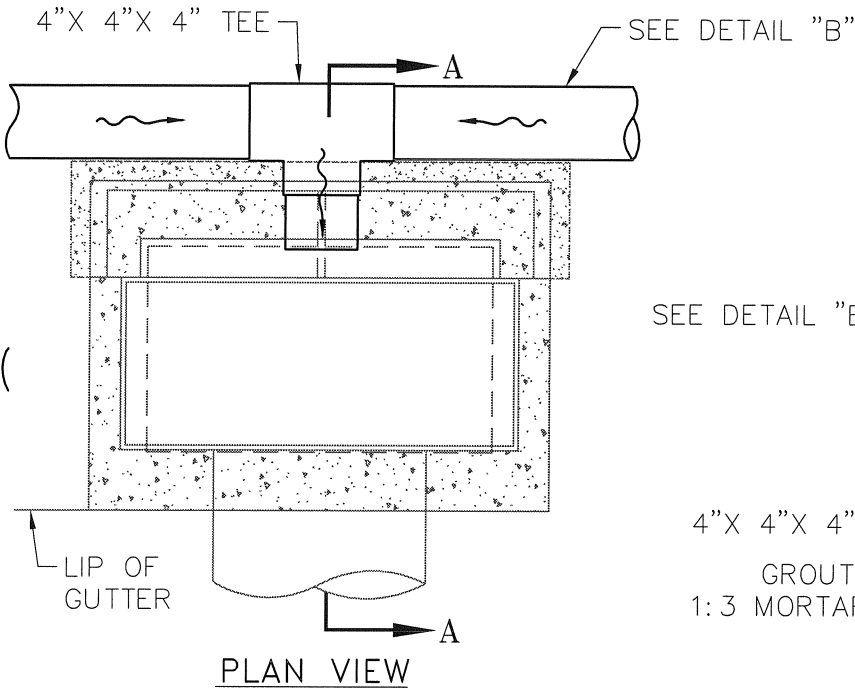
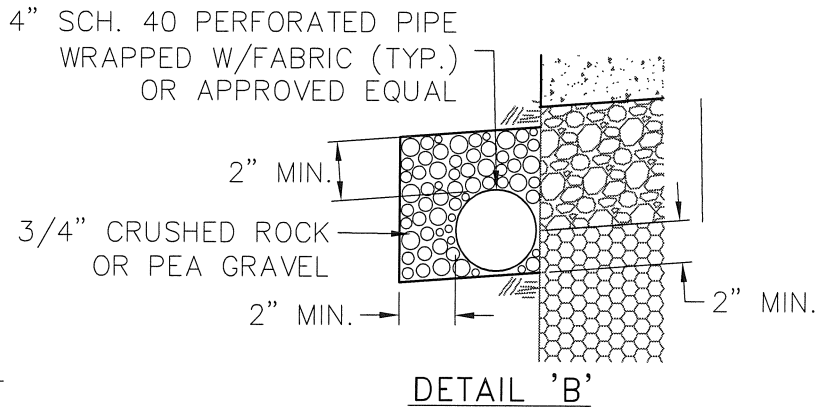
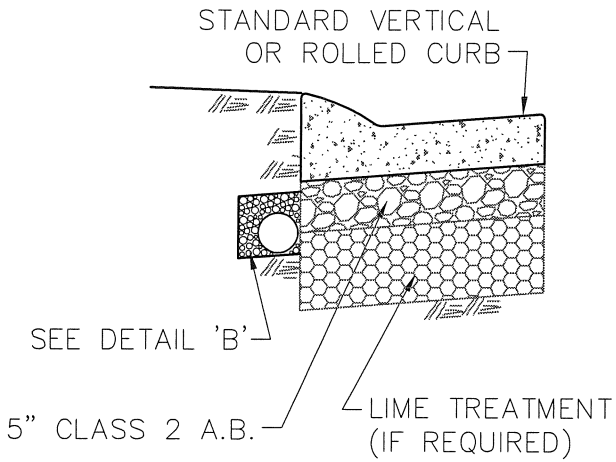
YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

WHEEL CHAIR
RAMP

APPROVED BY:


DATE:

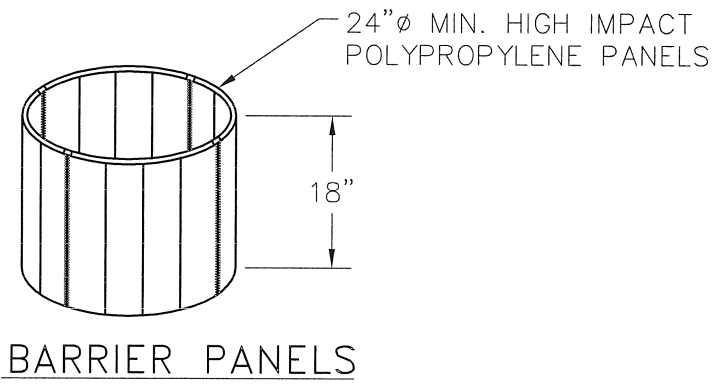
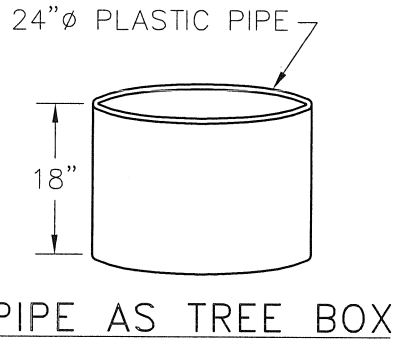
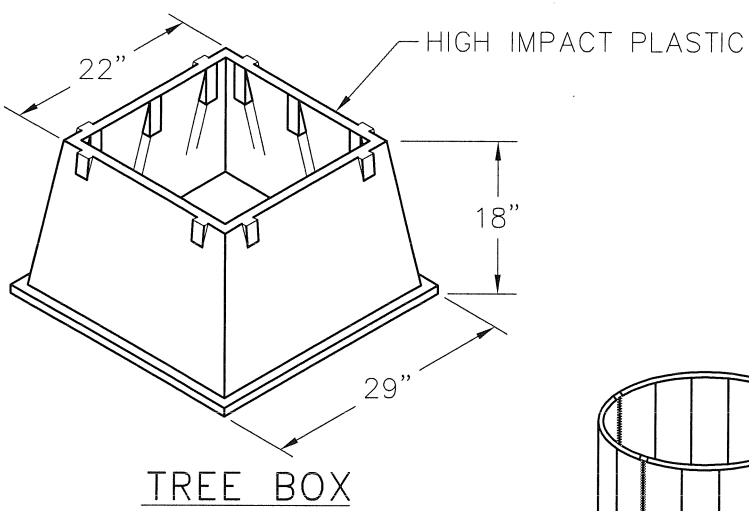
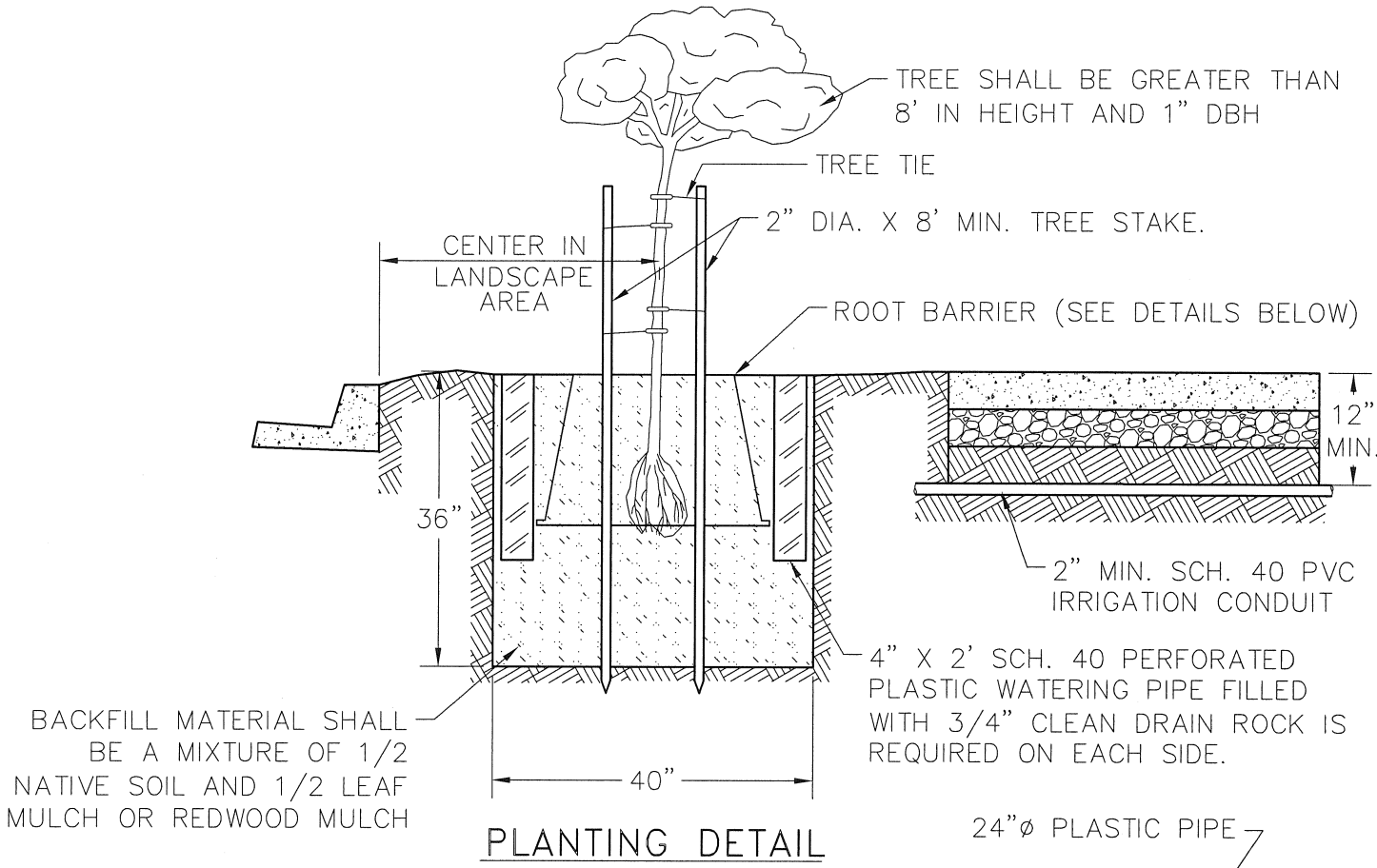
Donald Peters 8/11/22 203



NOTE:

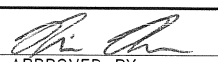
1. THIS DETAIL IS REQUIRED AS DIRECTED BY THE PUBLIC WORKS DEPARTMENT.

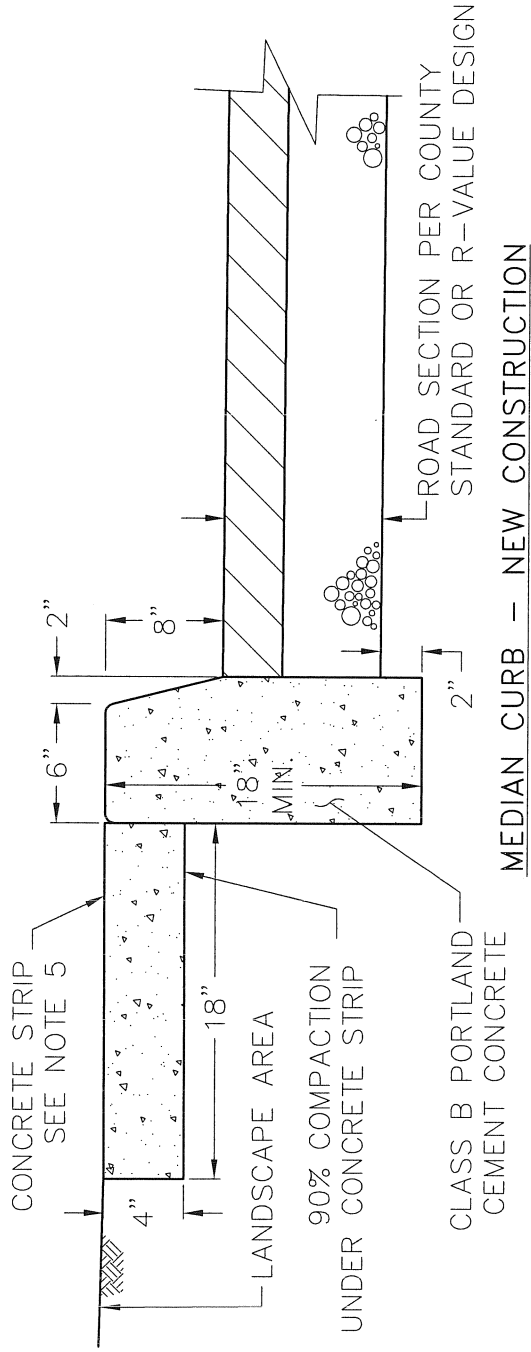
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
WATER SEEPAGE DETAIL	
APPROVED BY: 	DATE: 8-29-06
204	



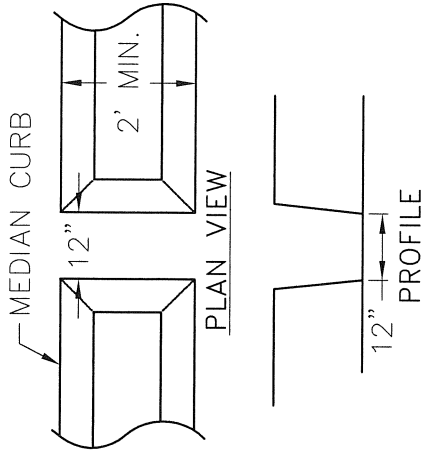
NOTE:

1. TREES SHALL BE PLANTED IN LOCATIONS THAT DO NOT OBSTRUCT SITE DISTANCE AND AS APPROVED BY PUBLIC WORKS.
2. TREES PLANTED WITHIN 4' OF BACK OF WALK REQUIRE ROOT BARRIER.

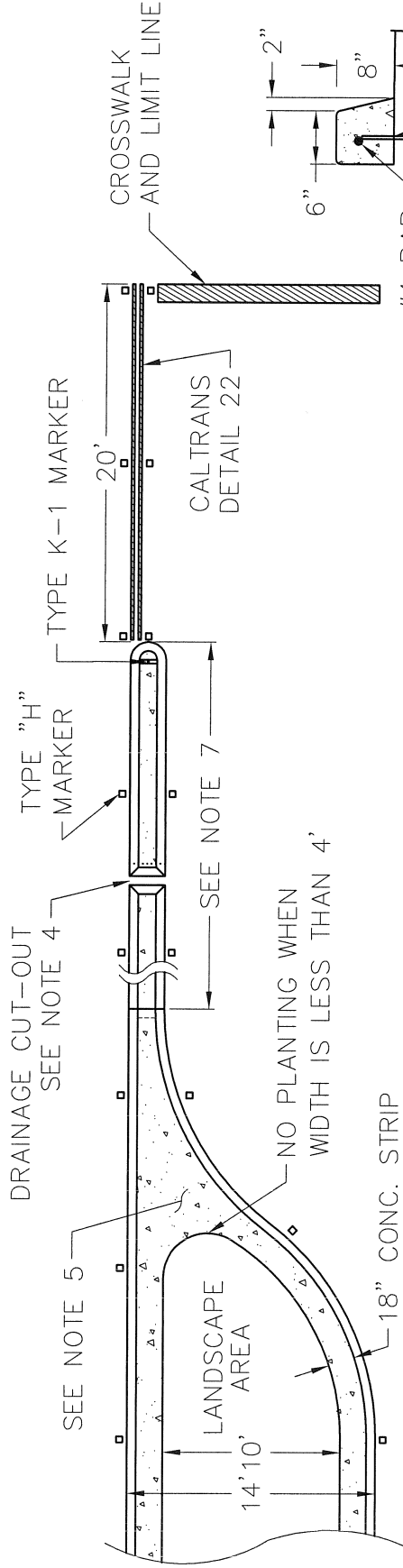
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STREET TREE PLANTING SPECIFICATIONS	
APPROVED BY: 	DATE: 8-21-06
	205



MEDIAN CURB - NEW CONSTRUCTION



**MEDIAN CURB
DRAINAGE CUT-OUT**



NOTES

MEDIAN CURB AT TURN POCKET

1. EXPANSION JOINTS SHALL BE PROVIDED AT 40' (MAX) INTERVALS AND CONTROL JOINTS AT 10' (MAX) INTERVALS.

2. CURB SHALL BE CONSTRUCTED WITH CLASS B CONCRETE IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS.

3. FOR EXISTING PAVEMENT, SAWCUT AND INSTALL 2' MIN. REPLACEMENT STRIP WITH ADDITIONAL 12" KEY GRIND.

4. CONSTRUCT 12" CUT-OUTS TO PROVIDE ADEQUATE DRAINAGE AS NEEDED.

5. STAMPED AND COLORED CONCRETE OR AS APPROVED BY PUBLIC WORKS.


6. LEFT TURN POCKET DESIGN PER CALTRANS STANDARDS.

7. MEDIAN NOSE MAY BE 18" DEEP OR DOWELED (SEE DETAIL).

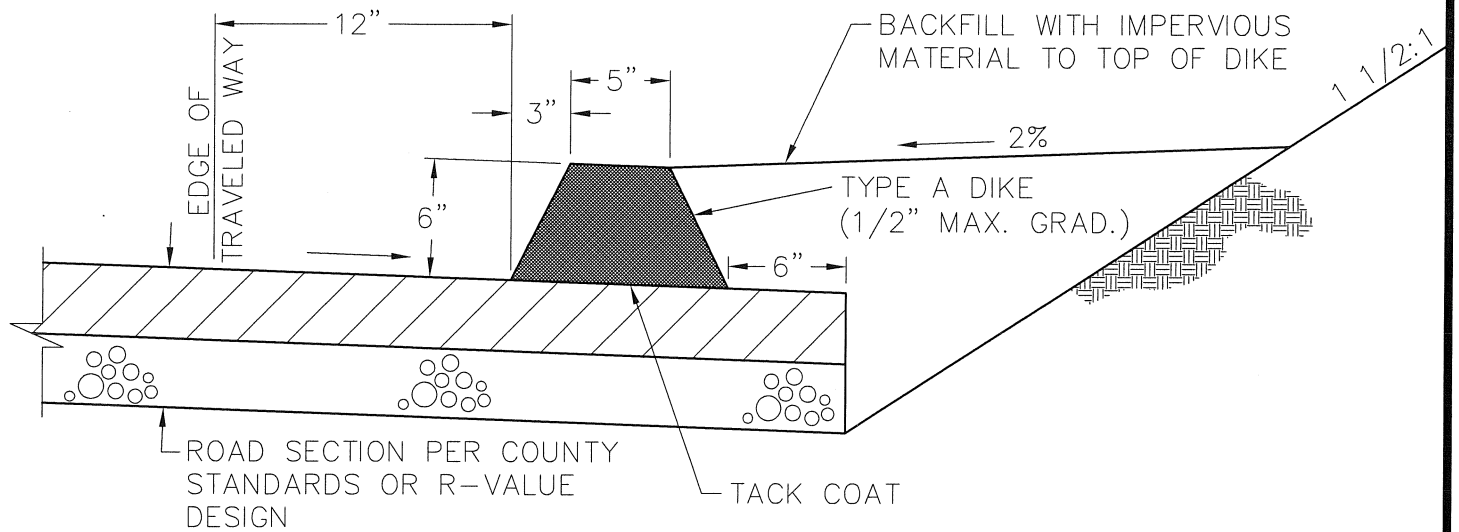
DOWELING DETAIL

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

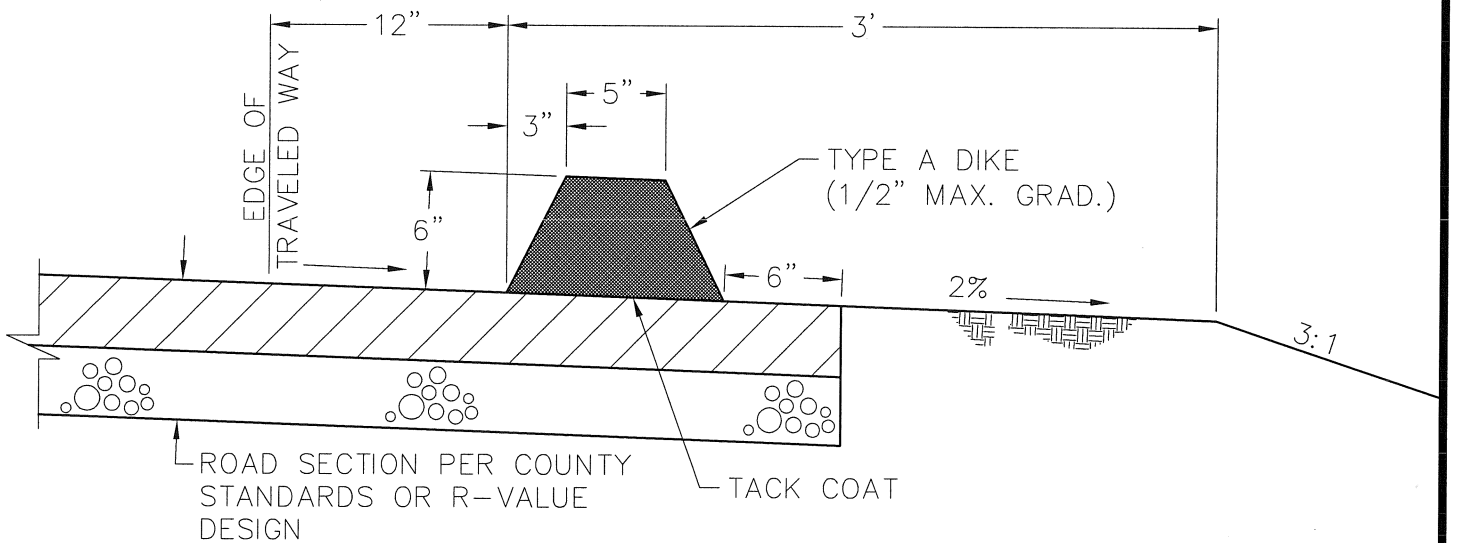
MEDIAN DETAIL

APPROVED BY:  DATE: 8-29-00

206



CUT SECTION



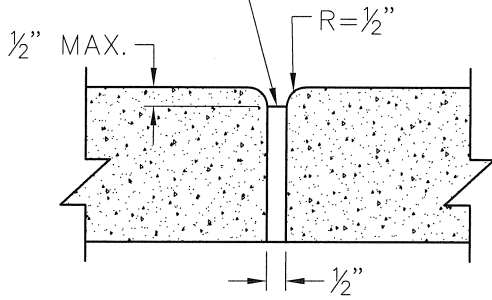
FILL SECTION

NOTES:

1. TRANSITION A.C. DIKE TO 2" LIP FOR DRIVEWAY OPENINGS.
2. FOR DIKE APPLICATIONS LEADING UP TO AND ADJACENT TO GUARD RAILS USE CALTRANS STANDARDS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
ASPHALT CONCRETE DIKE	
 APPROVED BY:	8-29-06 DATE:
207	

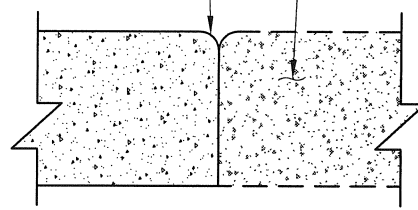
EXPANSION JOINT
FILLER MATERIAL



EXPANSION JOINT

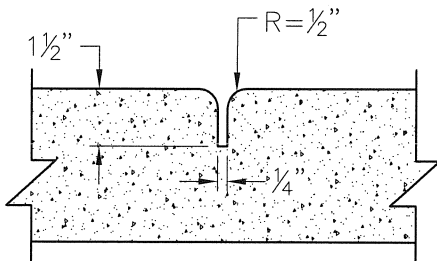
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EXISTING
CONCRETE

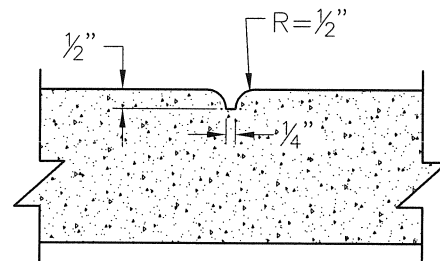


CONSTRUCTION JOINT

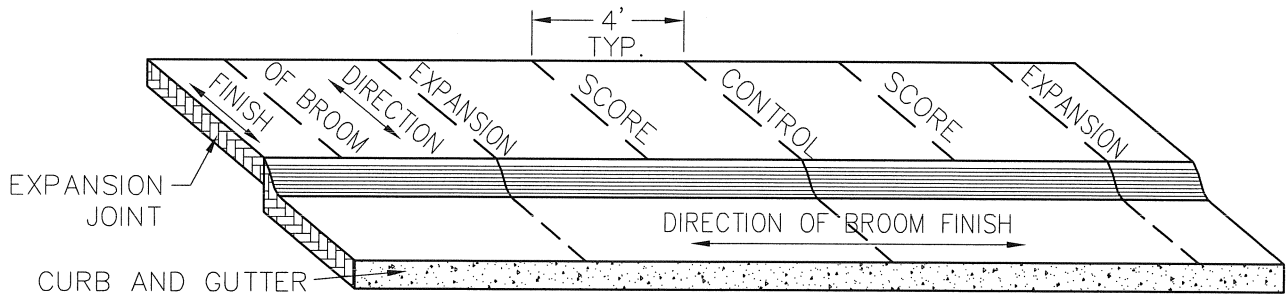
USE WHERE NEW CONSTRUCTION OF
S/W AND/OR CURB & GUTTER
ABUTS EXISTING IMPROVEMENTS.



CONTROL JOINT



SCORE LINE



SIDEWALK FINISH

NOTE:

DISTANCES BETWEEN SCORE LINES AND JOINTS TO BE
UNIFORM AND NOT TO EXCEED 5' SPACING FOR
SIDEWALK AND 10' SPACING FOR CURB AND GUTTER.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

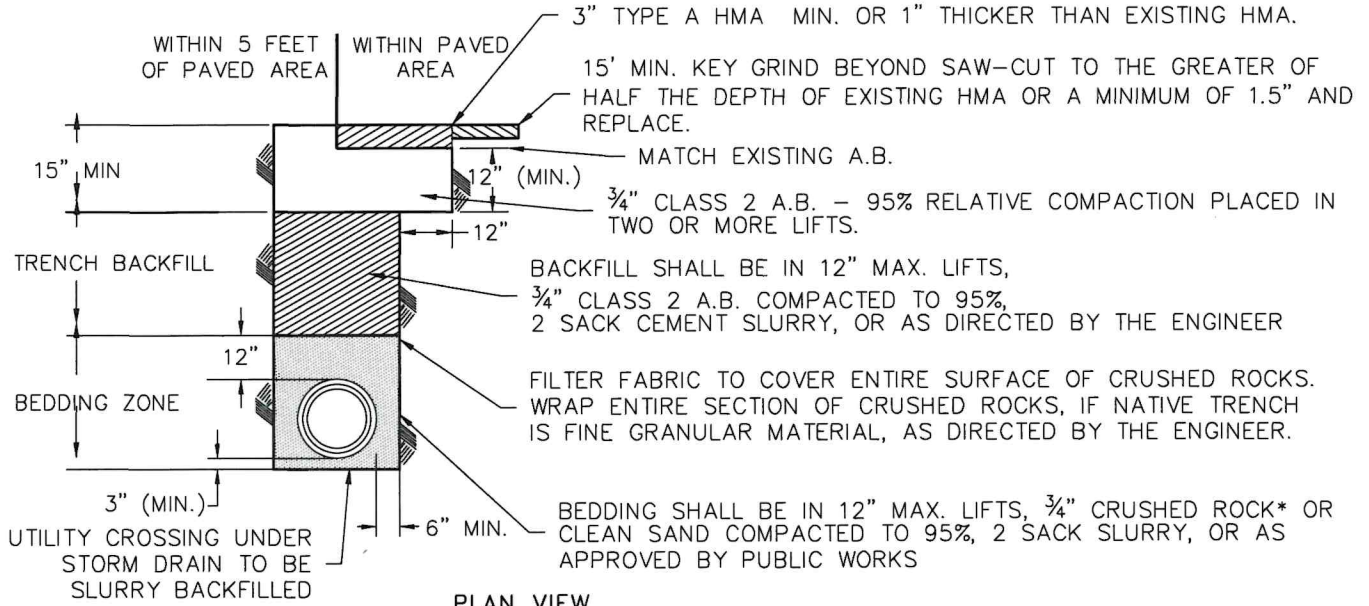
CONCRETE JOINT
& FINISH DETAILS

APPROVED BY:

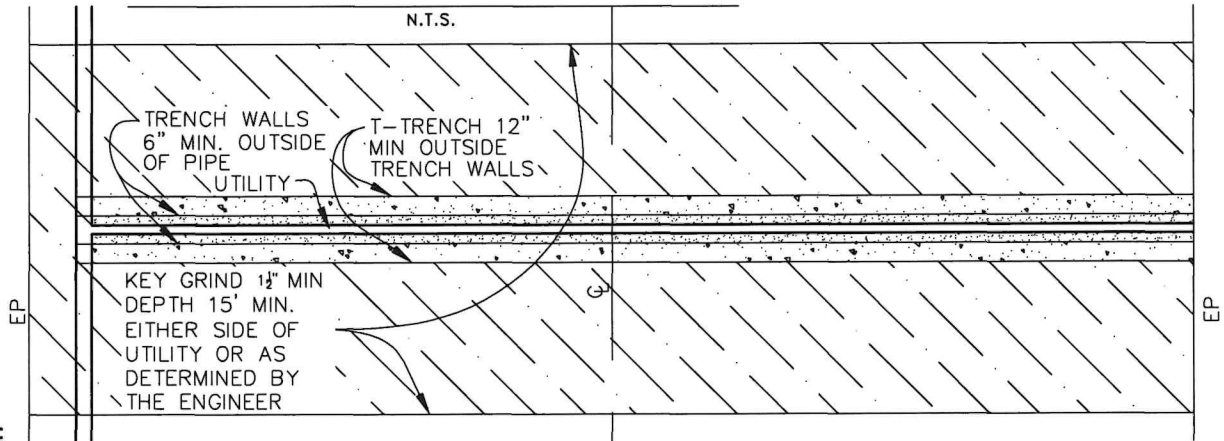
8-29-06
DATE:

208

TRENCH REQUIREMENTS FOR STREETS UNDER MORATORIUM



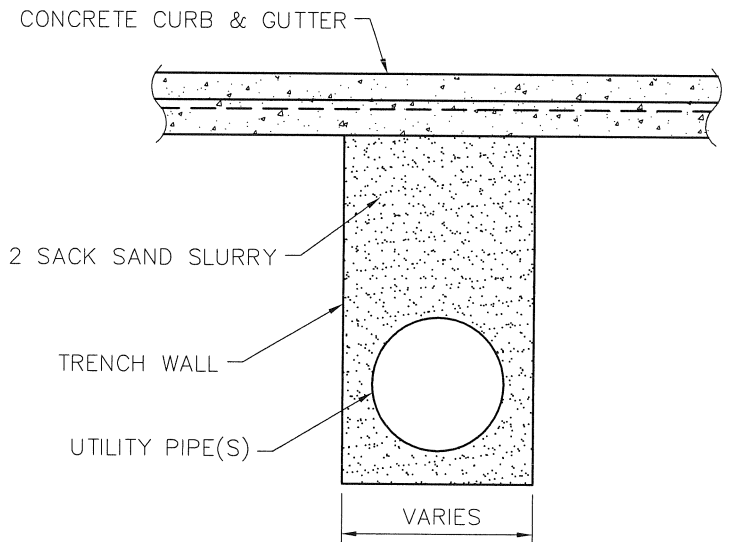
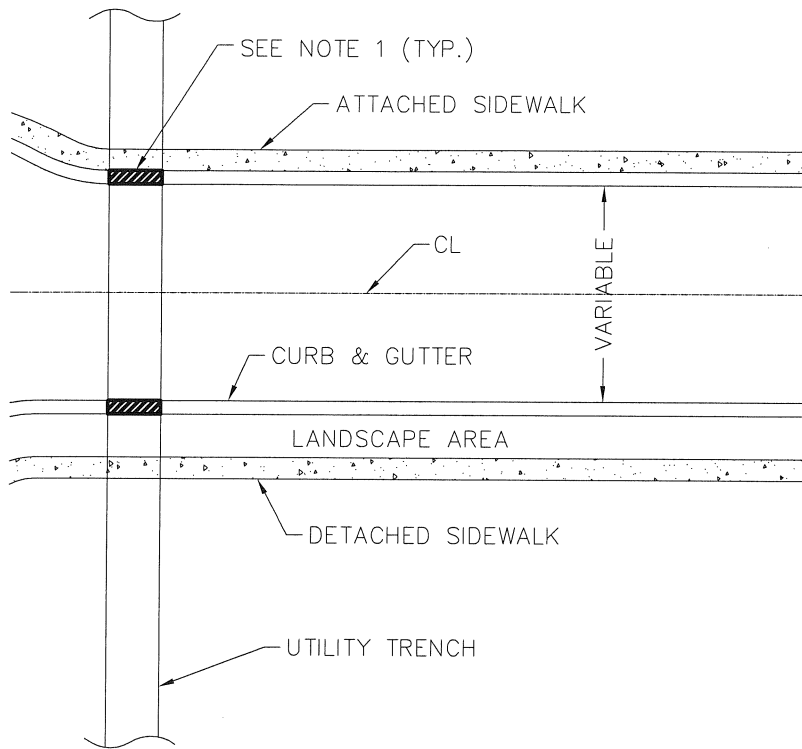
PLAN VIEW



NOTES:

1. THIS DETAIL SHALL APPLY WHEN THE ASPHALT SURFACE IS LESS THAN 5 YEARS OLD, OR AS DIRECTED BY THE ENGINEER.
2. ENCROACHMENT PERMIT REQUIRED PRIOR TO CONSTRUCTION IN COUNTY RIGHT OF WAY.
3. CERTIFICATION OF TRENCH BACKFILL COMPACTION IS REQUIRED PRIOR TO PLACING AB ON FINISHED SUBGRADE.
4. SAWCUT INITIAL TRENCH WIDTH, THEN 30 DAYS AFTER WORK HAS BEEN COMPLETED, SAWCUT OR GRIND 12" ADDITIONAL ON BOTH SIDES OF TRENCH, THEN A MINIMUM KEY GRIND (1.5" MIN. DEPTH) OF 15'. APPLY TACK COAT PRIOR TO PAVING.
5. ALL TRENCH WORK 5 FEET AND DEEPER SHALL CONFORM TO SECTION 8.4 OF THE YUBA COUNTY STANDARDS AND CAL. OSHA STANDARDS.
6. PLASTIC PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM 2321.
7. MINIMUM COVER OVER UTILITIES SHALL BE 1' BELOW FINISHED SUBGRADE OR 2' BELOW FINAL GRADE, WHICHEVER IS GREATER.
8. CONTRACTOR SHALL PROVIDE COMPACTION TESTS BY AN INDEPENDENT GEOTECHNICAL FIRM TAKEN 200' APART ON LONGITUDINAL TRENCHES PRIOR TO PLACEMENT OF MATERIAL FOR HIGHER LIFTS. SUBSEQUENT TESTS SHALL BE MIDWAY BETWEEN PREVIOUS TEST SITES. MINIMUM OF 2 TESTS PER LIFT ON CROSS TRENCHES. THE TOP 1' OF SUBGRADE FOR ALL TRENCHES SHALL BE TESTED FOR COMPACTION REQUIREMENT IN ADDITION TO THE RANDOM SUBGRADE TEST SITES.
9. CONTRACTOR SHALL REMOVE MATERIAL NOT MEETING COMPACTION REQUIREMENTS AND HAVE A GEOTECHNICAL ENGINEER PROVIDE RECOMMENDATION ON AN ALTERNATIVE BACKFILL TO BE APPROVED BY PUBLIC WORKS.
10. TRENCH REQUIREMENTS SHALL CONFORM TO THE MOST STRINGENT STANDARDS OF EITHER THE COUNTY OR UTILITY COMPANY.
11. RESTORATION OF A T-SECTION AREA SHALL BE SAWCUT AND KEY GROUND AFTER BACKFILL OF TRENCH IS COMPLETED.
12. CCTV VIDEO REQUIRED IN ACCORDANCE WITH NASSCO ASSESSMENT OF ALL INSTALLED PIPE.


YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
UTILITY TRENCH DETAILS	
APPROVED BY: <i>Daniel Stearns</i>	DATE: 8/11/22
300A	

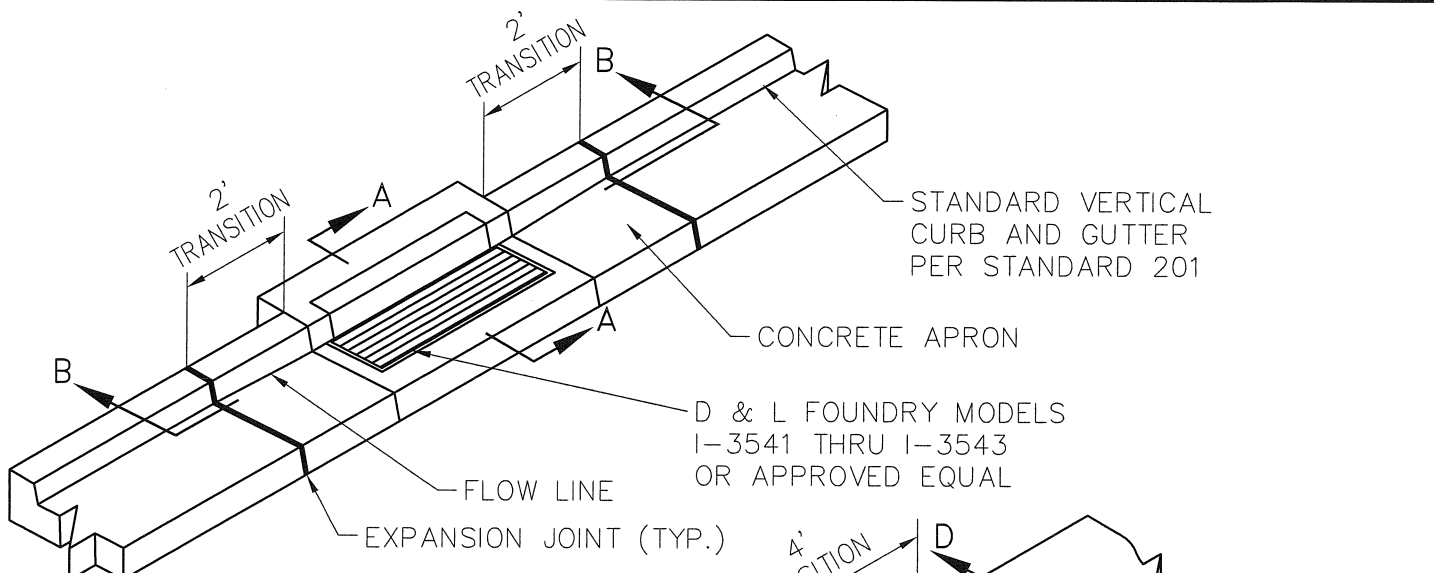


UTILITY TRENCH
CUT-OFF WALL
END VIEW

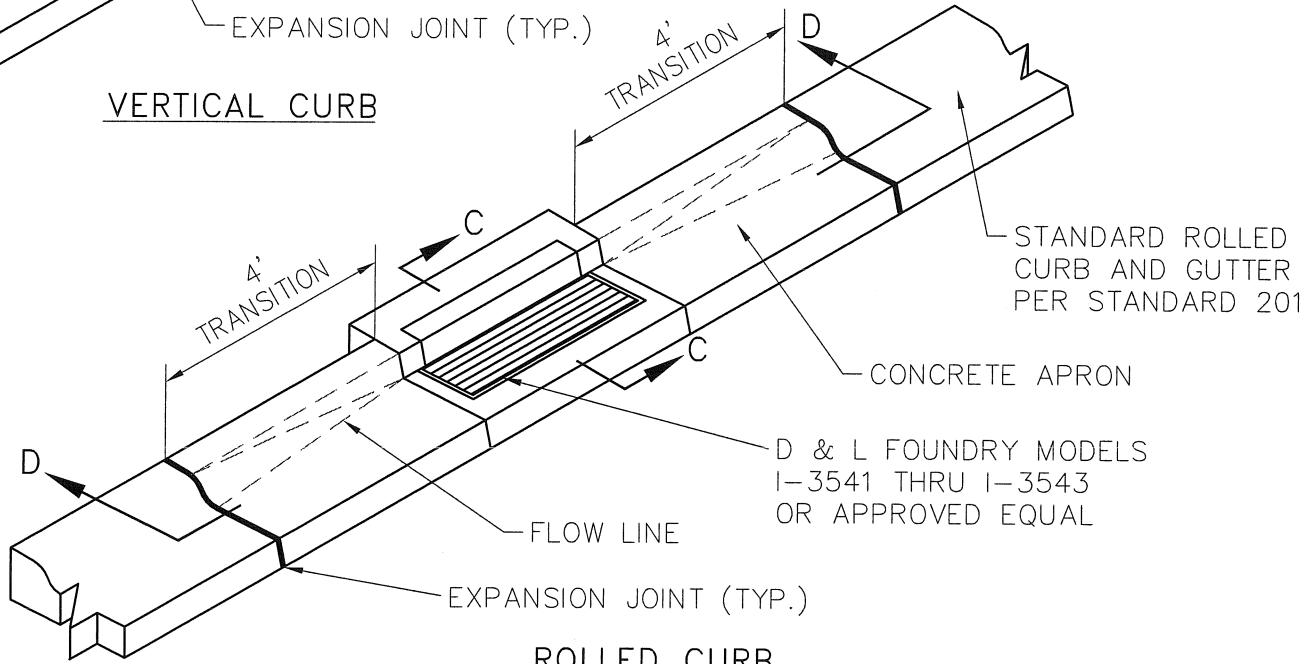
NOTES:

1. CUT-OFF WALL SHALL BE FROM THE BOTTOM OF THE TRENCH TO THE BOTTOM OF CURB & GUTTER AND THE LENGTH SHALL BE FROM THE LIP OF GUTTER TO THE BACK OF CURB FOR THE FULL WIDTH OF TRENCH.
2. SEE TRENCH DETAIL FOR ADDITIONAL REQUIREMENTS.

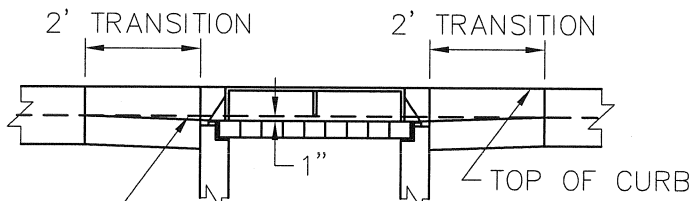
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
UTILITY TRENCH CUT-OFF WALL	
APPROVED BY: 	DATE: 8-29-06
	301



VERTICAL CURB

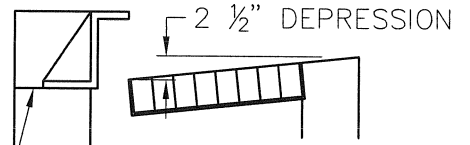


ROLLED CURB

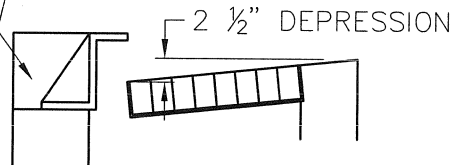


SECTION B-B (VERTICAL CURB)

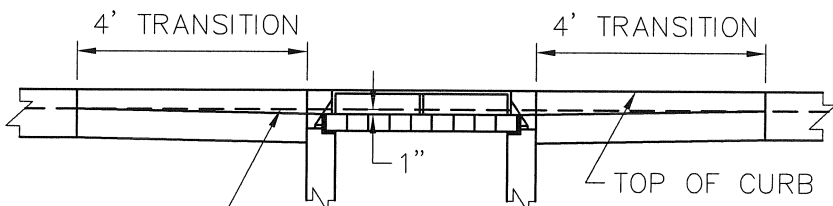
SEE STANDARD DRAINAGE INLET DETAIL



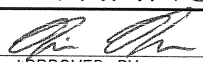
SECTION A-A

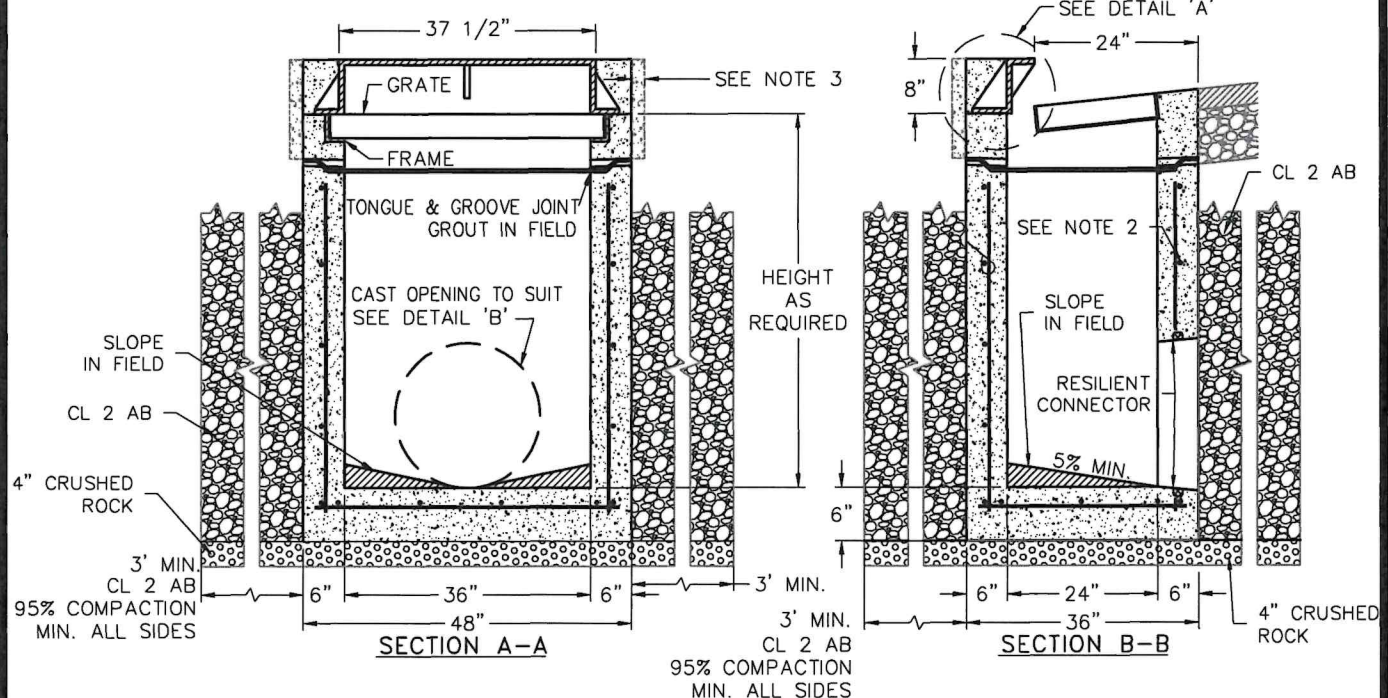
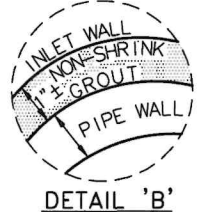
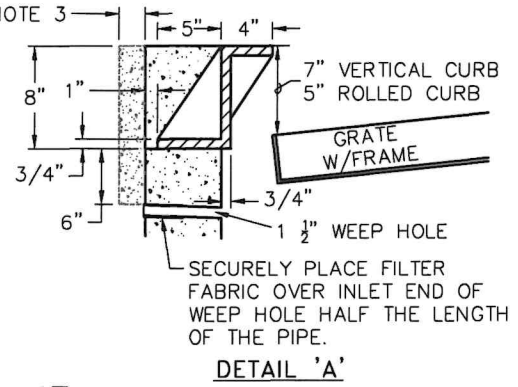
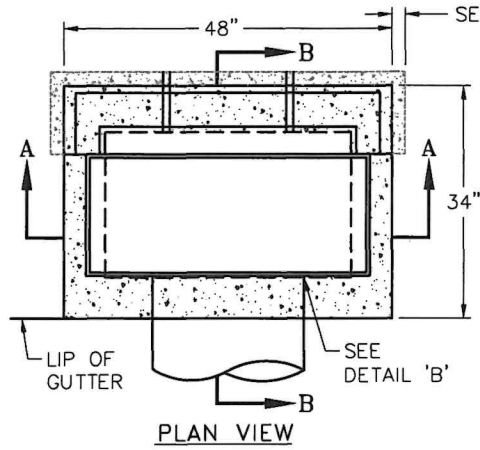


SECTION C-C



SECTION D-D (ROLLED CURB)

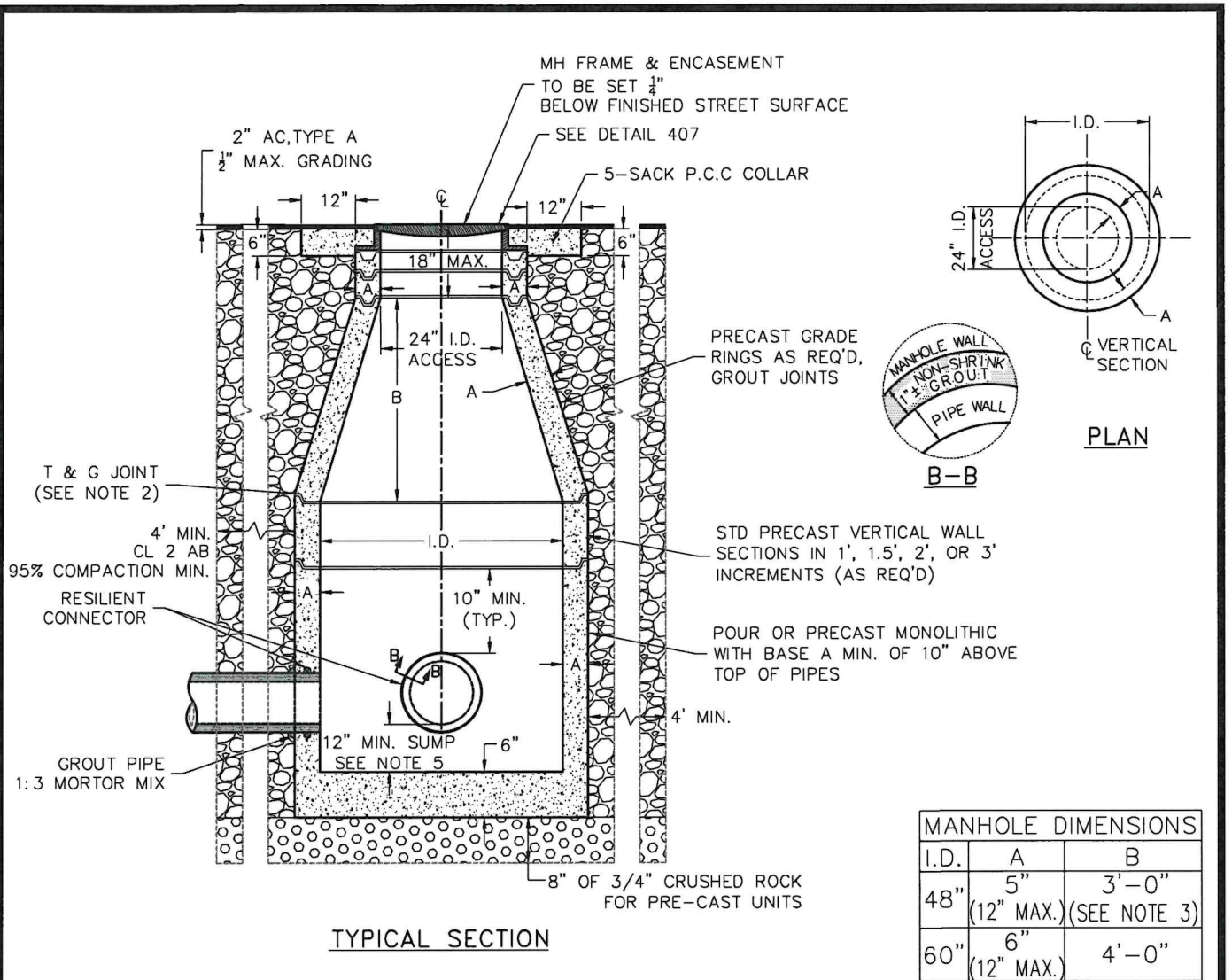
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
INLET TRANSITIONS	
APPROVED BY: 	8-29-06 DATE:
401	



NOTES

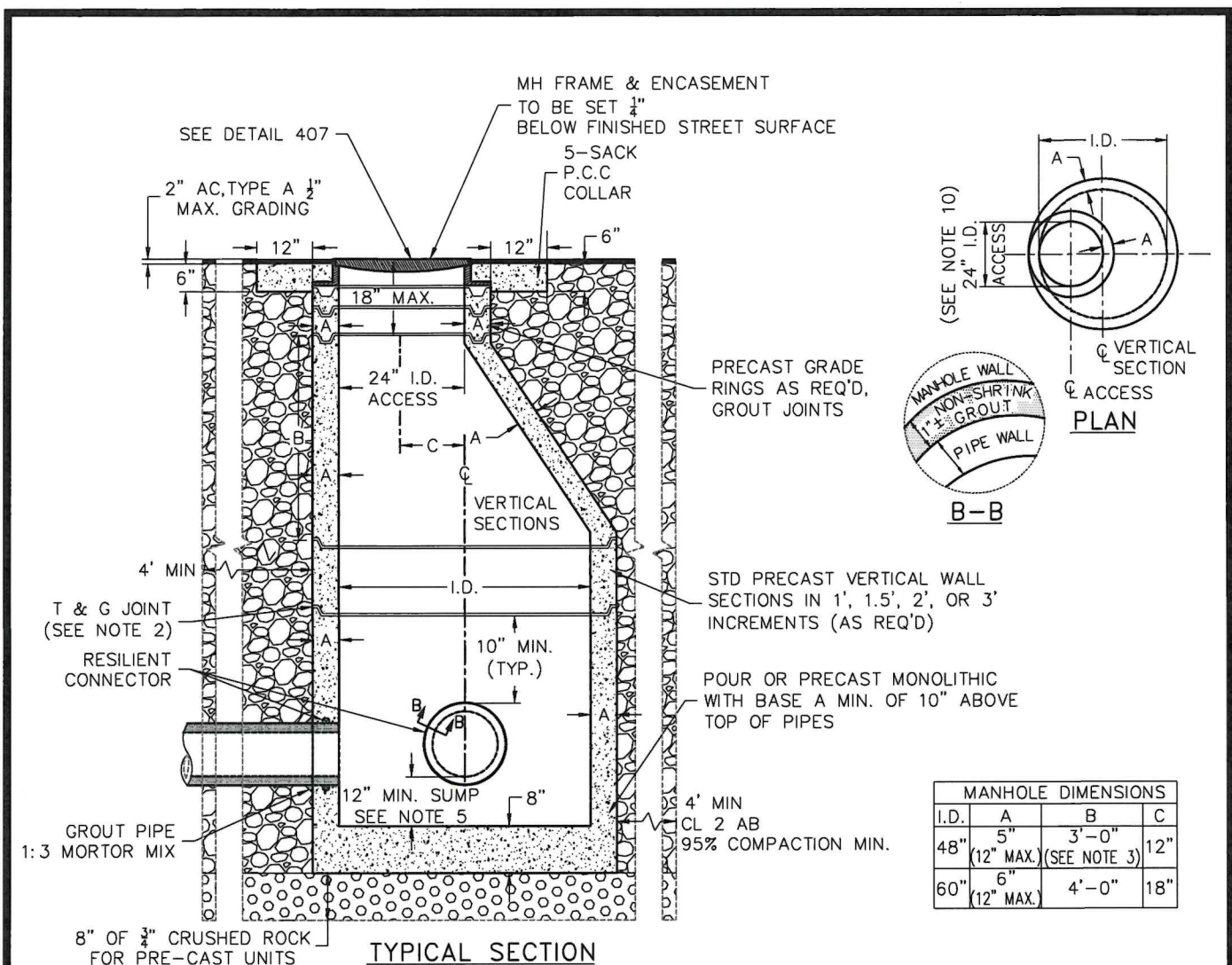
1. INLET CAN BE PRECAST MANUFACTURED CONCRETE UNIT OR CAST IN PLACE DESIGNED FOR H-20 LOADING.
2. REINFORCING SHALL BE #4 BARS @ 12" O.C. (MAX.) EACH WAY OR 4"x4"-6-6 GAUGE W.W.F. IN THE WALL AND BASE.
3. ADD 2" CONCRETE COLLAR FOR DETACHED SIDEWALK.
4. PLACE CAST IRON HOOD, FRAME AND GRATE. D&L FOUNDRY MODEL I-3541, 3542, 3543 OR EQUAL.
5. STAMP DRAIN INLETS "NO DUMPING DRAINS TO RIVER".
6. SUBGRADE TO BE APPROVED BY ENGINEER OR GEOTECH PRIOR TO PLACEMENT OF CRUSHED ROCKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
DRAIN INLET	
APPROVED BY: <i>Daniel P. [Signature]</i>	DATE: 8/11/23
402	



- NOTES:**
1. PRECAST MANHOLES TO BE MANUFACTURED TO ASTM SPECIFICATION C478 AND MEET H-20 LOADING REQUIREMENTS.
 2. ALL JOINTS SHALL BE MADE WITH PREFORMED PLASTIC JOINT SEALING COMPOUND. FOLLOWING INSTALLATION, GROUT ALL INTERIOR AND EXTERIOR JOINTS.
 3. CENTRAL PRECAST MODEL 20-48C (20-60C) MANHOLE WITH 20-48MBC (20-60MBC) BASE OR APPROVED EQUAL.
 4. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
 5. SUMP IS NOT REQUIRED ON MANHOLES CONNECTING PIPES 24" DIAMETER OR LARGER IF NO DI LATERALS ARE PRESENT.
 6. PRECAST MANHOLES SHALL BE SIZED TO PROVIDE THE FOLLOWING: THE CLEAR SPACE ON THE INSIDE OF THE MANHOLE BARREL BETWEEN CORED PIPE CONNECTION HOLES SHALL BE A MINIMUM OF 10". IF THE CONNECTION HOLE IS CAST MONOLITHICALLY WITH THE MANHOLE BARREL, THE MEASUREMENT SHALL BE TAKEN FROM THE FINISHED CONCRETE CONNECTION SURFACE.
 7. MINIMUM 10" CLEARANCE BETWEEN ALL PIPES AND BETWEEN PIPES AND JOINTS.
 8. 3' TAPER SHALL BE COMBINED WITH 1' VERTICAL TO FORM 4' TAPER SECTION FOR 48" I.D. MANHOLES.
 9. NO PIPE SHALL BE CONNECTED IN THE TAPER/CONE SECTION OR JOINTS OF MANHOLE, IF NECESSARY USE SHALLOW MANHOLE DETAIL.
 10. SUBGRADE TO BE APPROVED BY ENGINEER OR GEOTECH PRIOR TO PLACEMENT OF CRUSHED ROCKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STANDARD CONCENTRIC MANHOLE ASSEMBLY	
APPROVED BY: <i>David P. [Signature]</i>	DATE: 8/11/22
403	



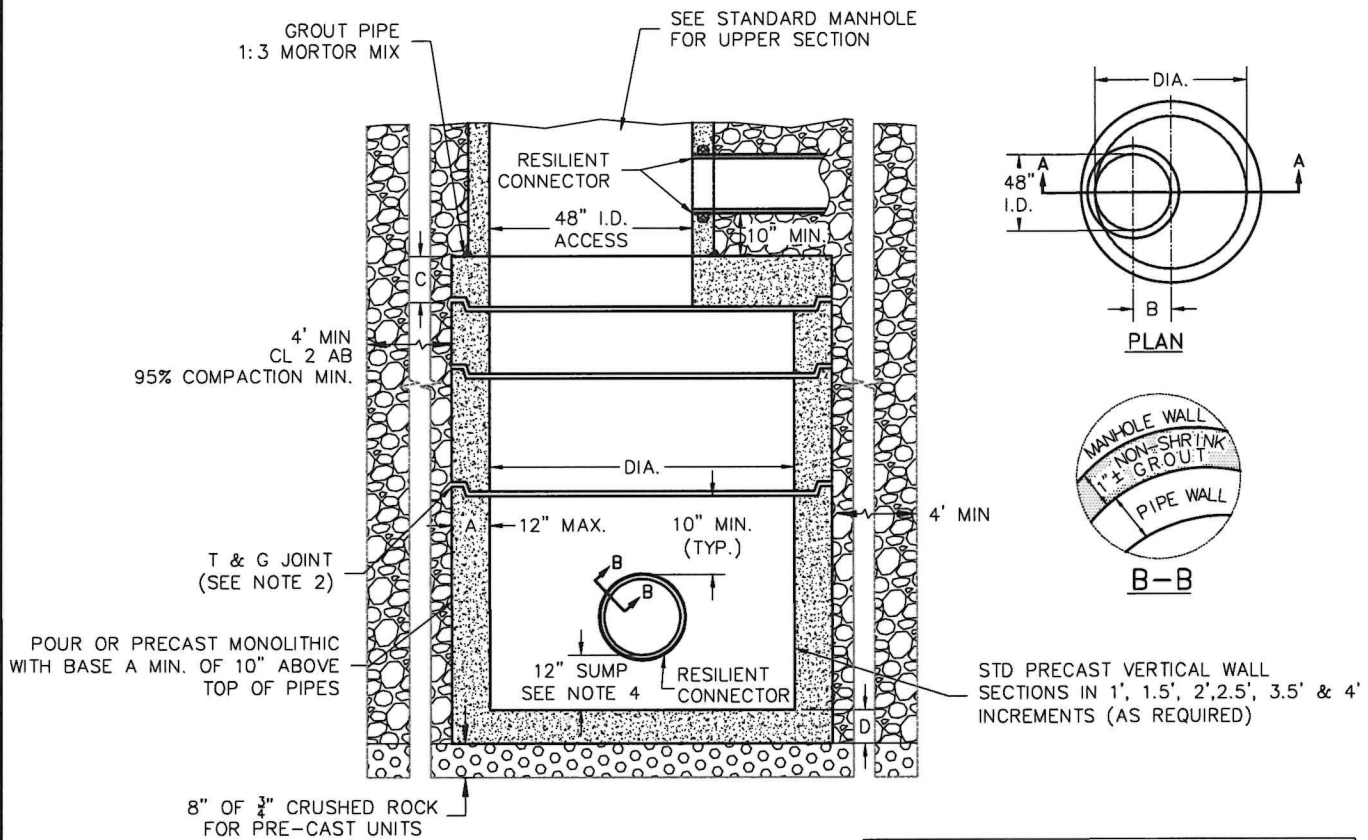
NOTES:

1. PRECAST MANHOLES TO BE MANUFACTURED TO ASTM SPECIFICATION C478 AND MEET H-20 LOADING REQUIREMENTS.
2. ALL JOINTS SHALL BE MADE WITH PREFORMED PLASTIC JOINT SEALING COMPOUND. FOLLOWING INSTALLATION, GROUT ALL INTERIOR AND EXTERIOR JOINTS.
3. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
4. CENTRAL PRECAST MODEL 20-48EC (20-60EC) MANHOLE WITH 20-48MBC (20-60MBC) BASE OR APPROVED EQUAL.
5. SUMP IS NOT REQUIRED ON MANHOLES CONNECTING PIPES 24" DIAMETER OR LARGER IF NO DI LATERALS ARE PRESENT.
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9. NO PIPE SHALL BE CONNECTED IN THE TAPER/CONE SECTION OR JOINTS OF MANHOLE, IF NECESSARY USE SHALLOW MANHOLE DETAIL.
10. THE MANHOLE ACCESS SHALL BE AT THE UPSTREAM SIDE OF MAINLINE.
11. SUBGRADE TO BE APPROVED BY ENGINEER OR GEOTECH PRIOR TO PLACEMENT OF CRUSHED ROCKS.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

**STANDARD ECCENTRIC
MANHOLE ASSEMBLY**

APPROVED BY: *Daniel A. Peterson* 8/11/22 404
DATE:



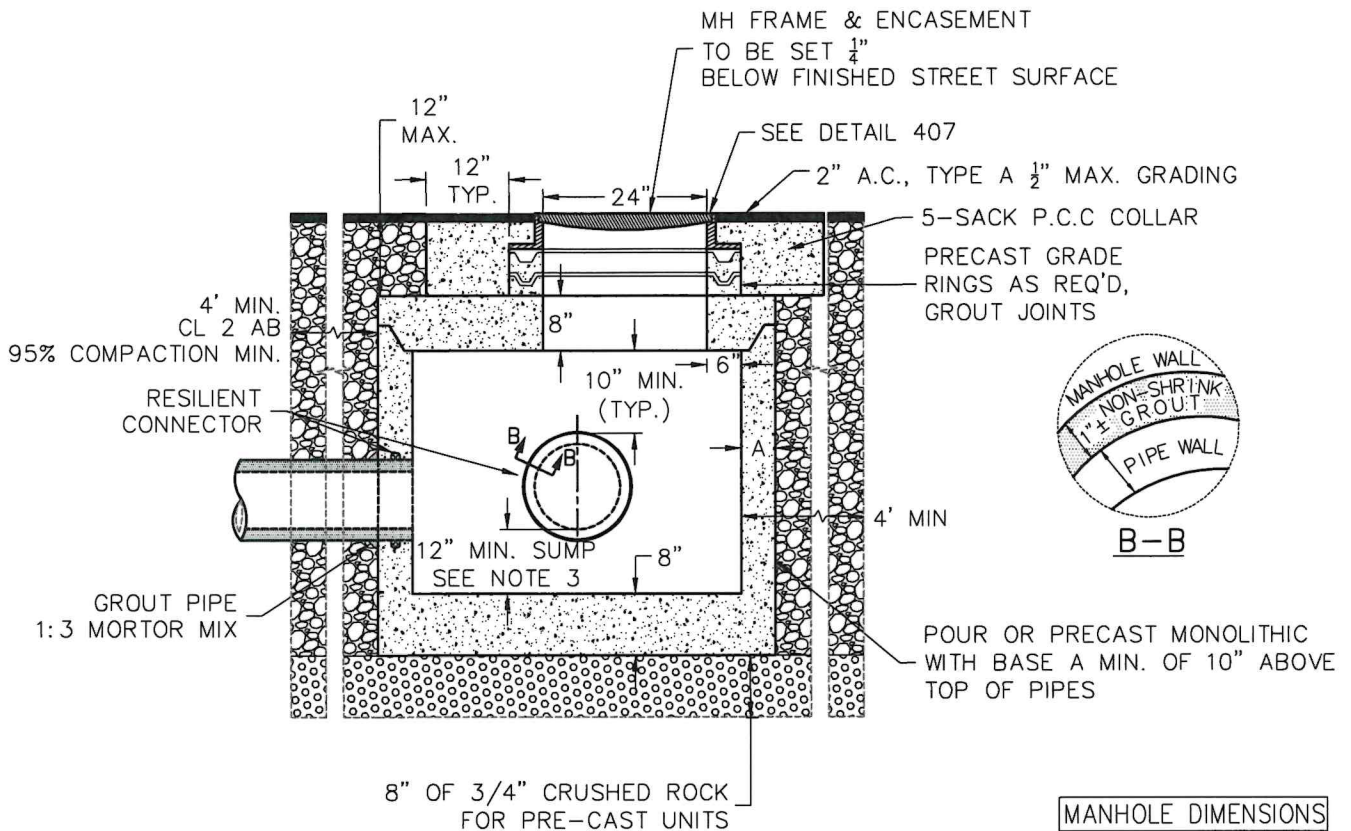
SECTION A-A

MANHOLE DIMENSIONS				
DIA.	A	B	C	D
72"	7"	12"	10"	8"
84"	8"	18"	10"	10"
96"	9"	24"	10"	12"

NOTES:

1. PRECAST MANHOLES TO BE MANUFACTURED TO ASTM SPECIFICATION C478 AND MEET H-20 LOADING REQUIREMENTS.
2. ALL JOINTS SHALL BE MADE WITH PREFORMED PLASTIC JOINT SEALING COMPOUND. FOLLOWING INSTALLATION GROUT ALL INTERIOR AND EXTERIOR JOINTS WITH 1:3 MORTAR MIX.
3. CENTRAL PRECAST MODELS 20-72, 84, 96 ERS OR APPROVED EQUAL.
4. SUMP IS NOT REQUIRED ON MANHOLES CONNECTING PIPES 24" DIAMETER OR LARGER IF NO DI LATERALS ARE PRESENT.
5. PRECAST MANHOLES SHALL BE SIZED TO PROVIDE THE FOLLOWING: THE CLEAR SPACE ON THE INSIDE OF THE MANHOLE BARREL BETWEEN CORED PIPE CONNECTION HOLES SHALL BE A MINIMUM OF 10". IF THE CONNECTION HOLE IS CAST MONOLITHICALLY WITH THE MANHOLE BARREL, THE MEASUREMENT SHALL BE TAKEN FROM THE FINISHED CONCRETE CONNECTION SURFACE.
6. MINIMUM 10" CLEARANCE BETWEEN ALL PIPES AND BETWEEN PIPES AND JOINTS.
7. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
8. NO PIPE SHALL BE CONNECTED IN THE JOINTS OF MANHOLE.
9. THE MANHOLE ACCESS SHALL BE AT THE UPSTREAM SIDE OF MAINLINE.
10. SUBGRADE TO BE APPROVED BY ENGINEER OR GEOTECH PRIOR TO PLACEMENT OF CRUSHED ROCKS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
LARGE MANHOLE ASSEMBLY	
APPROVED BY: <i>Donald P. [Signature]</i>	DATE: 8/11/22
405	



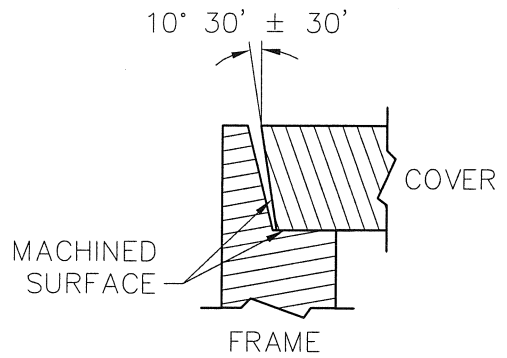
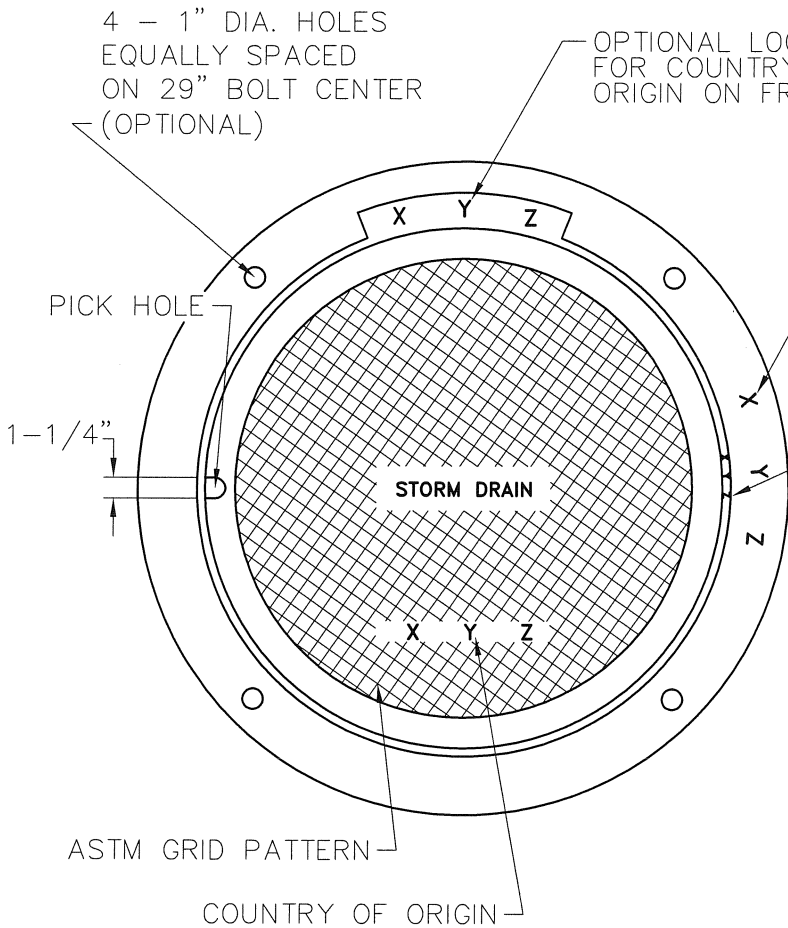
TYPICAL SECTION

MANHOLE DIMENSIONS	
I.D.	A
48"	5" (12" MAX.)
60"	6" (12" MAX.)

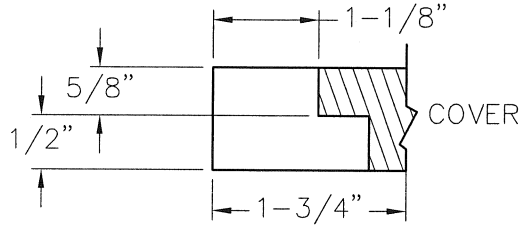
NOTES:

1. PRECAST MANHOLES TO BE MANUFACTURED TO ASTM SPECIFICATION C478 AND MEET H-20 LOADING REQUIREMENTS.
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4. PRECAST MANHOLES SHALL BE SIZED TO PROVIDE THE FOLLOWING: THE CLEAR SPACE ON THE INSIDE OF THE MANHOLE BARREL BETWEEN CORED PIPE CONNECTION HOLES SHALL BE A MINIMUM OF 10". IF THE CONNECTION HOLE IS CAST MONOLITHICALLY WITH THE MANHOLE BARREL, THE MEASUREMENT SHALL BE TAKEN FROM THE FINISHED CONCRETE CONNECTION SURFACE.
5. MINIMUM 10" CLEARANCE BETWEEN ALL PIPES AND BETWEEN PIPES AND JOINTS.
6. THE STORM DRAIN SYSTEM SHALL HAVE WATERTIGHT JOINTS AT ALL CONNECTIONS.
7. THE MANHOLE ACCESS SHALL BE AT THE UPSTREAM SIDE OF MAINLINE.
8. SUBGRADE TO BE APPROVED BY ENGINEER OR GEOTECH PRIOR TO PLACEMENT OF CRUSHED ROCKS.

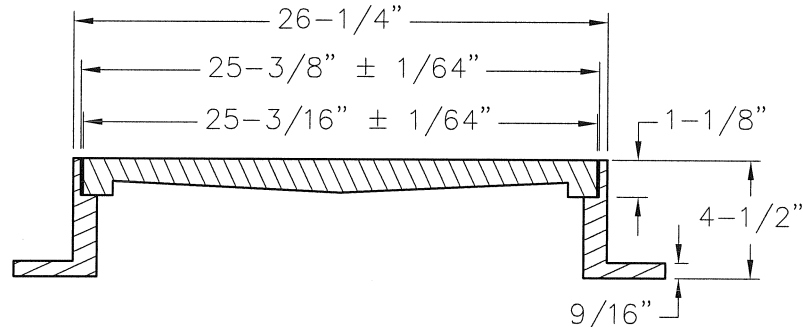
YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
SHALLOW MANHOLE ASSEMBLY	
APPROVED BY: <i>Daniel P. [Signature]</i>	DATE: 8/11/22
406	



SEATING SURFACES SHALL BE CLOSELY MACHINED TO THE DIMENSIONS SHOWN. TOLERANCES ON MACHINED SURFACES SHALL NOT EXCEED 1/64".




PICK HOLE
SECTION THROUGH CENTER OF HOLE



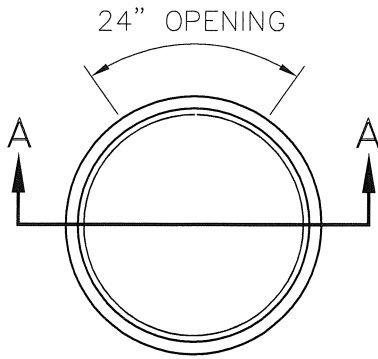
ITEM	APPROX. WT. (lbs.)
ASSY.	270 ± 15
FRAME	140 ± 10
COVER	130 ± 5

NOTE:

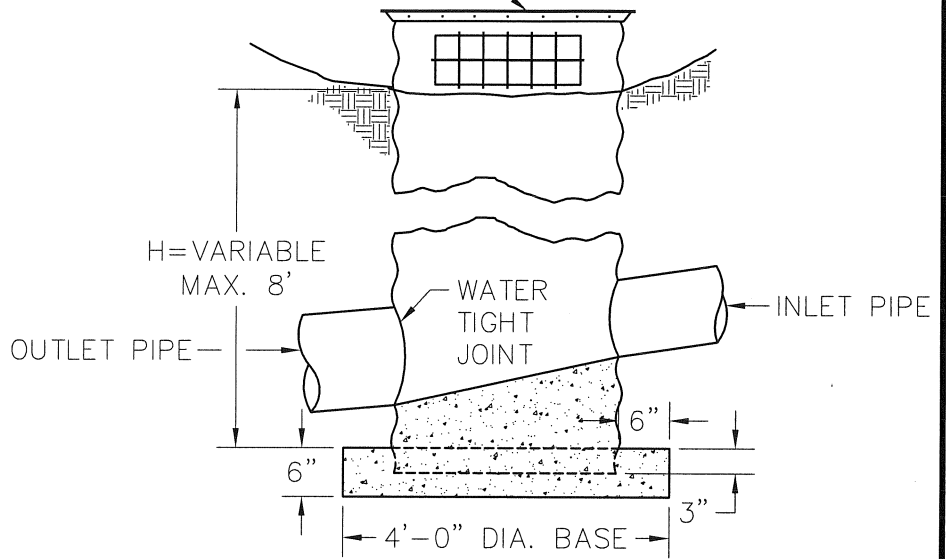
1. COUNTRY OF ORIGIN SHALL BE CLEARLY AND PERMANENTLY SHOWN ON TOP SURFACE OF FRAME AND COVER IN ACCORDANCE WITH THE TRADE AND TARIFF ACT OF 1984.
2. DATE OF MANUFACTURE SHALL BE CLEARLY AND PERMANENTLY INDICATED ON THE COVER AND TOP OF THE FRAME.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
FRAME AND COVER	
APPROVED BY: 	DATE: 8-24-06
407	

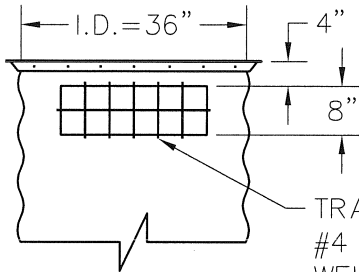
SOLID OR OPEN GRATE AS APPROVED BY PUBLIC WORKS.
 PRE-MANUFACTURED REMOVABLE COVER INSTALLED PER
 MANUFACTURER'S SPECIFICATIONS



PLAN



VIEW




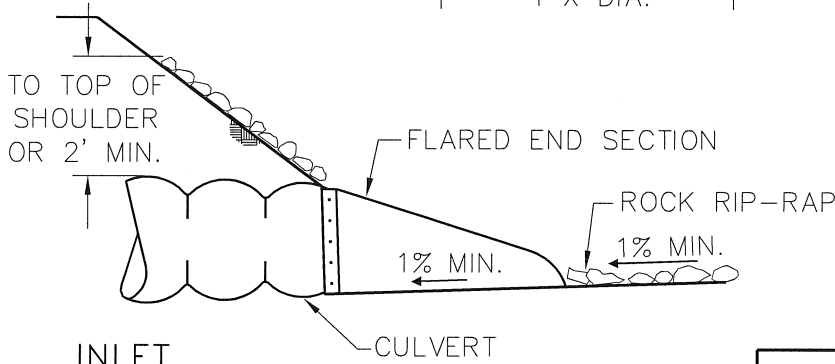
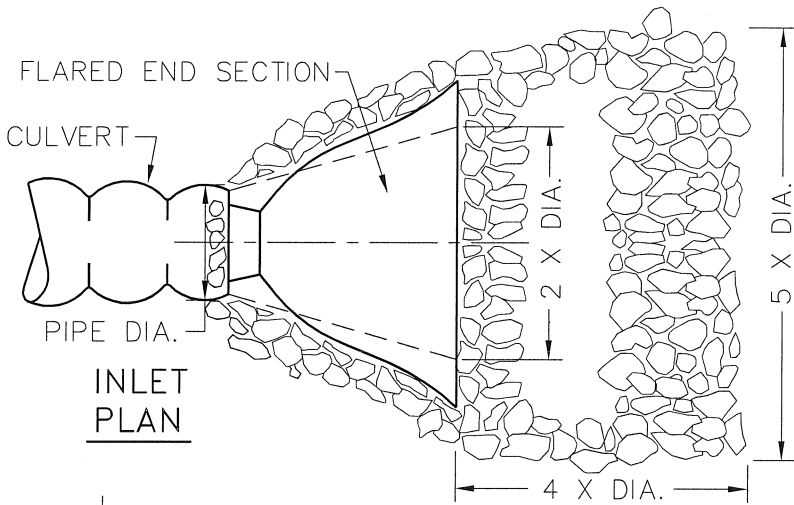
TRASH RACK
 #4 BARS @ 4" O.C.
 WELD TO EXTERIOR OF INLET

SECTION A-A

NOTES

1. PIPES SHALL NOT PROTRUDE INTO BASIN BEYOND 2".
2. EXCEPT FOR INLETS USED FOR JUNCTION BOXES, BASIN FLOORS SHALL HAVE A MINIMUM SLOPE OF 4:1 FROM ALL DIRECTIONS TOWARD OUTLET PIPE.
3. GALVANIZING REQUIREMENTS: SEE CALTRANS STANDARD SPECIFICATIONS.
4. TRASH RACKS ARE TO BE FURNISHED AND INSTALLED ON ALL UPSTREAM SIDE OPENING FLOW LINES. SIDE OPENINGS SHALL CONFORM TO DITCH FLOW LINES.
5. FIELD INLET SHALL BE GALVANIZED 12-GAUGE CMP.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
FIELD INLET	
 APPROVED BY:	8-29-06 DATE:
408	

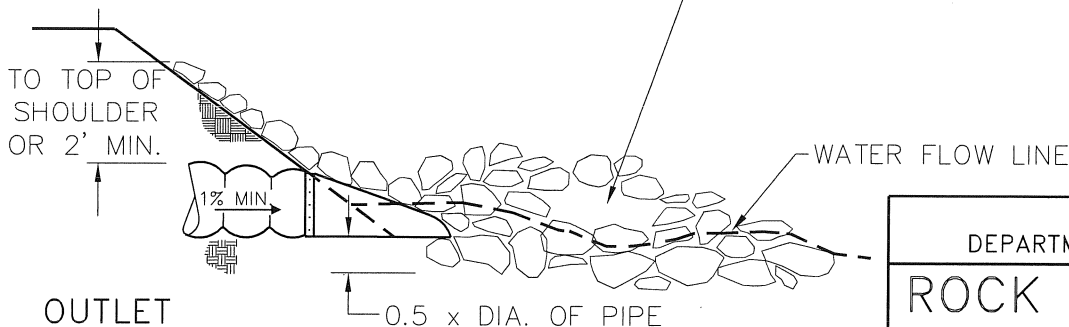
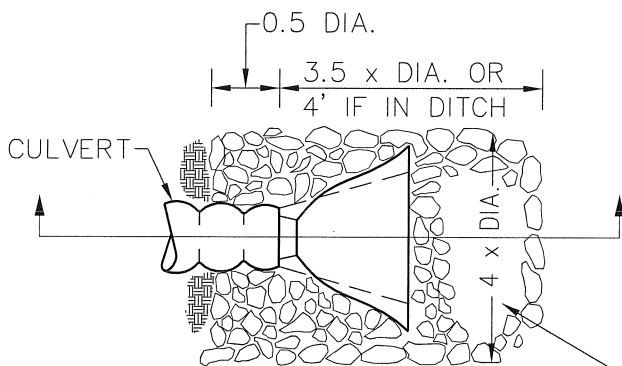


INLET ELEVATION

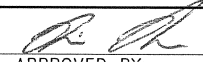
NOTES:

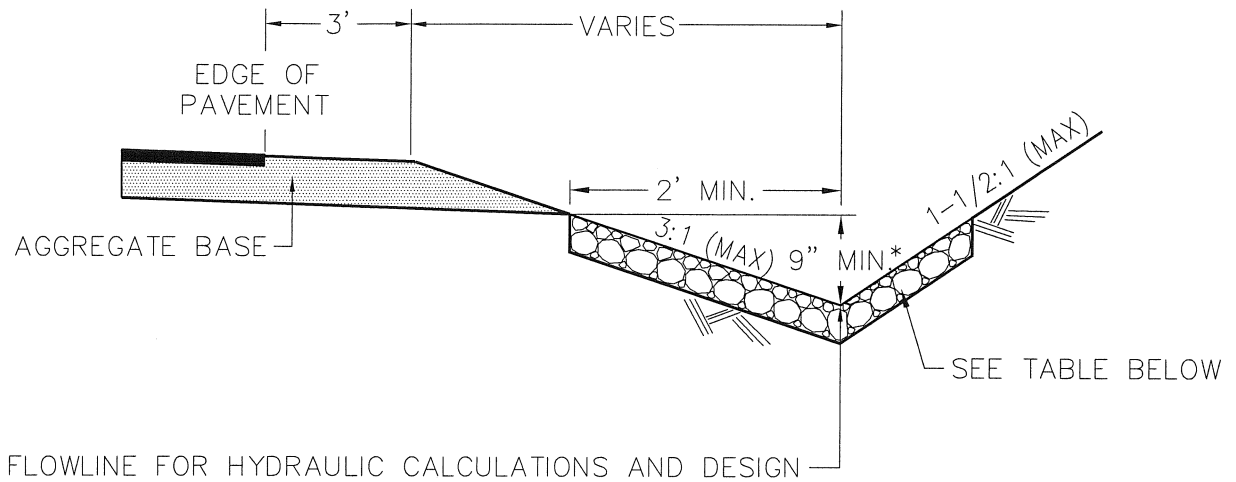
1. HAND PLACE ANGULAR ROCK. ROCK SHALL BE 4" MINIMUM DIMENSION.
2. WHERE SLOPE OF OUTLET EXCEEDS 5%, A SEDIMENT BOWL OR APPROVED ENERGY DISSIPATER SHALL BE REQUIRED.
3. FLARED END SECTIONS AND ROCK RIP-RAP WILL SLOPE AT A MINIMUM OF 1% INTO AND OUT OF THE CULVERT.
4. SLOPE PROTECTION CONFORMING TO THE DIMENSIONS SHOWN MAY BE SUBSTITUTED FOR THE FLARED END SECTIONS ON PIPES 18" AND SMALLER.
5. GROUT ROCK RIP-RAP AND SLOPE PROTECTION WHEN DITCH SLOPE IS 12% OR GREATER.

PIPE ϕ (in)	(2x) (ft)	(3.5x) (ft)	(4x) (ft)	(5x) (ft)
12	2	3.5	4	5
18	3	5.25	6	7.5
24	4	7	8	10
30	5	8.75	10	12.5
36	6	10.5	12	15

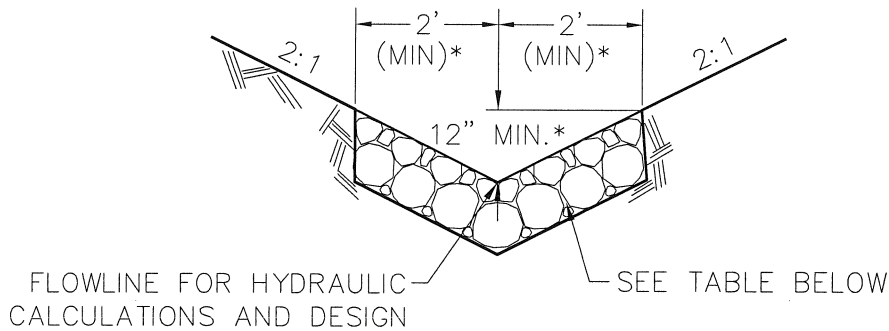


OUTLET ELEVATION

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
ROCK INLET/OUTLET PROTECTION	
APPROVED BY: 	DATE: 8-29-06
409	



ROADSIDE ROCK LINED DITCH DETAIL



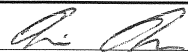
ROCK LINED DITCH DETAIL

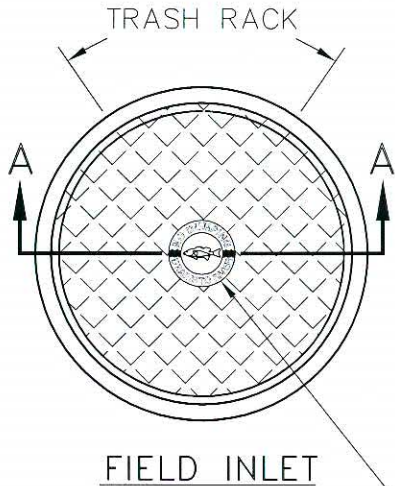
NOTES:

1. ROCK LINED DITCHES ARE REQUIRED AS SPECIFIED IN THE YUBA COUNTY STANDARDS. ROADSIDE ROCK LINED DITCHES SHALL BE PROVIDED WHEN SLOPE EXCEEDS 5% OR WHEN FLOWLINE VELOCITY IS 5 FT/SEC OR GREATER.
2. PLACE LARGEST ROCKS ON BOTTOM.
3. FOR DISTURBED SLOPE, PROVIDE STANDARD EROSION CONTROL MEASURES PER SECTION 11.6.
4. SEE CHART WHEN DITCH SLOPE DESIGN IS 10 FEET PER SECOND (FPS) OR UNDER. WHEN SLOPE EXCEEDS 10 FPS, DITCH LINING SHALL BE ENGINEERED.

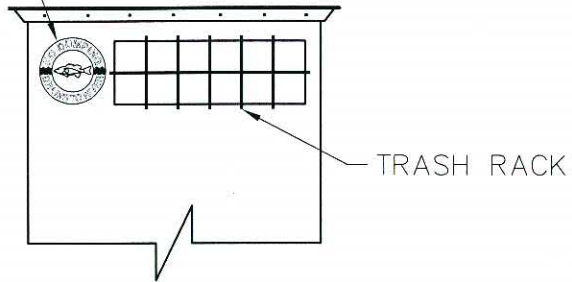
* ACTUAL DIMENSIONS SHALL BE SUBSTANTIATED BY HYDRAULIC CALCULATIONS.

DITCH VELOCITY (FPS)	D ₅₀ ROCK SIZE (INCHES)	ROCK BED THICKNESS (INCHES)
5	4	6
6	6	9
7	8	12
8	10	15
9	14	21
10	16	24

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
ROCK LINED DITCH	
 APPROVED BY:	8-29-06 DATE:
410	



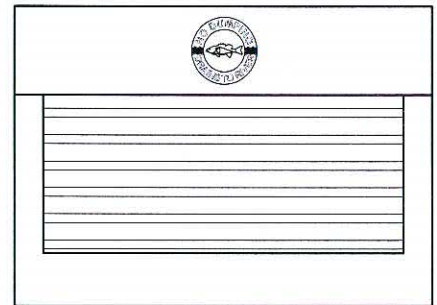
IF LID IS AN OPEN GRATE,
MOUNT MARKER ON SIDE NEXT TO TRASH RACK
PER MANUFACTURER'S SPECIFICATIONS



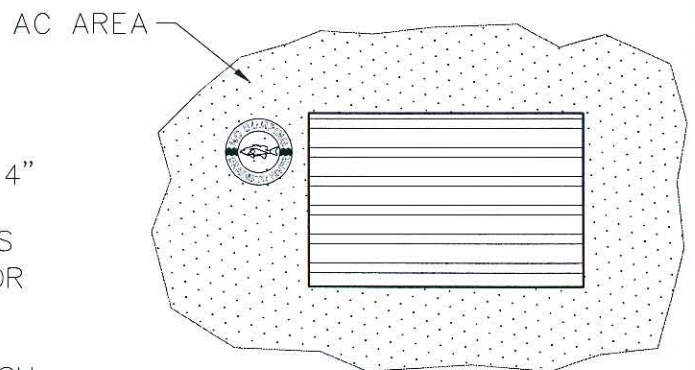
MOUNT MARKER TO CENTER OF LID
PER MANUFACTURER'S SPECIFICATIONS



STORM DRAIN MARKER




DRAIN INLET



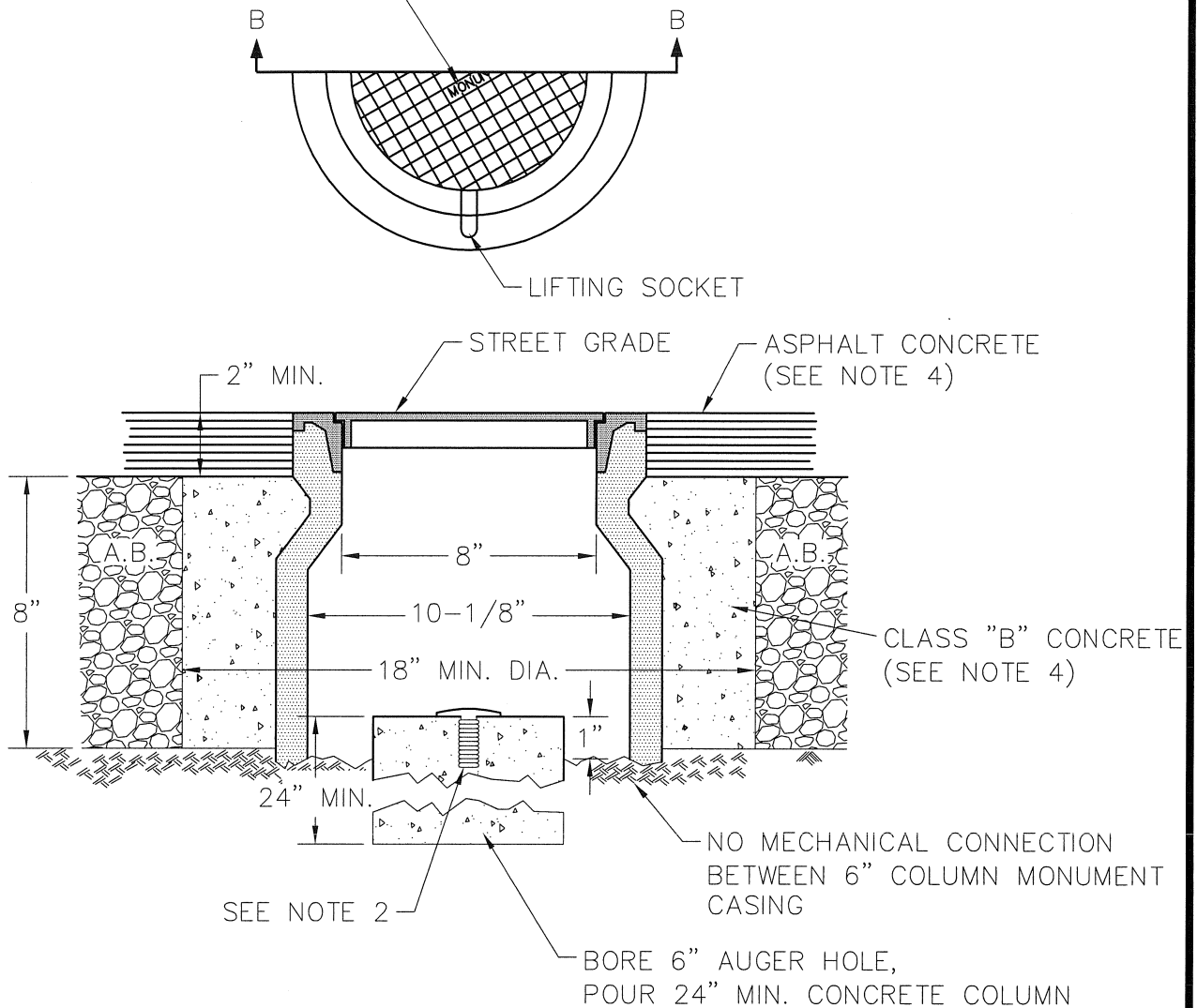
DROP INLET

NOTES

1. STORM DRAIN INLET MARKERS SHALL BE THE 4" DIAMETER DURACAST CURB MARKER WITH A POLYURETHANE DOME, MANUFACTURED BY DAS MANUFACTURING, INC., PART NUMBER "SDR" OR APPROVED EQUAL.
2. THESE MARKERS INCLUDE A GRAPHIC OF A FISH WITH THE STATEMENT, "NO DUMPING DRAINS TO RIVER".
3. DESIGNATED MARKERS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS ON THE TOP OF THE CURB, OR AT AN APPROPRIATE ALTERNATE NEARBY LOCATION WHEN NO CURB IS AVAILABLE, AT ALL STORM DRAIN INLETS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STORM DRAIN INLET MARKING	
APPROVED BY: 	DATE: 6/12/08
411	

LABEL THE COVER "MONUMENT"



SECTION B-B
TYPICAL MONUMENT WELL
NO SCALE

NOTES:

1. MONUMENT WELL: BROOKS PRODUCT INC. NO. 3RT TRAFFIC GATE BOX (WITHOUT EXTENSION) OR EQUAL
2. DOMED SURVEY MARKER LIETZ NO. 8134-13 OR EQUAL
3. WHEN RESURFACING ROAD ADD RISER RING BETWEEN EXISTING BOX & COVER TO MEET NEW ROAD GRADE
4. IN EXISTING ROAD SITUATION, DYED CONCRETE MAY BE POURED FLUSH WITH EXISTING PAVEMENT GRADE.

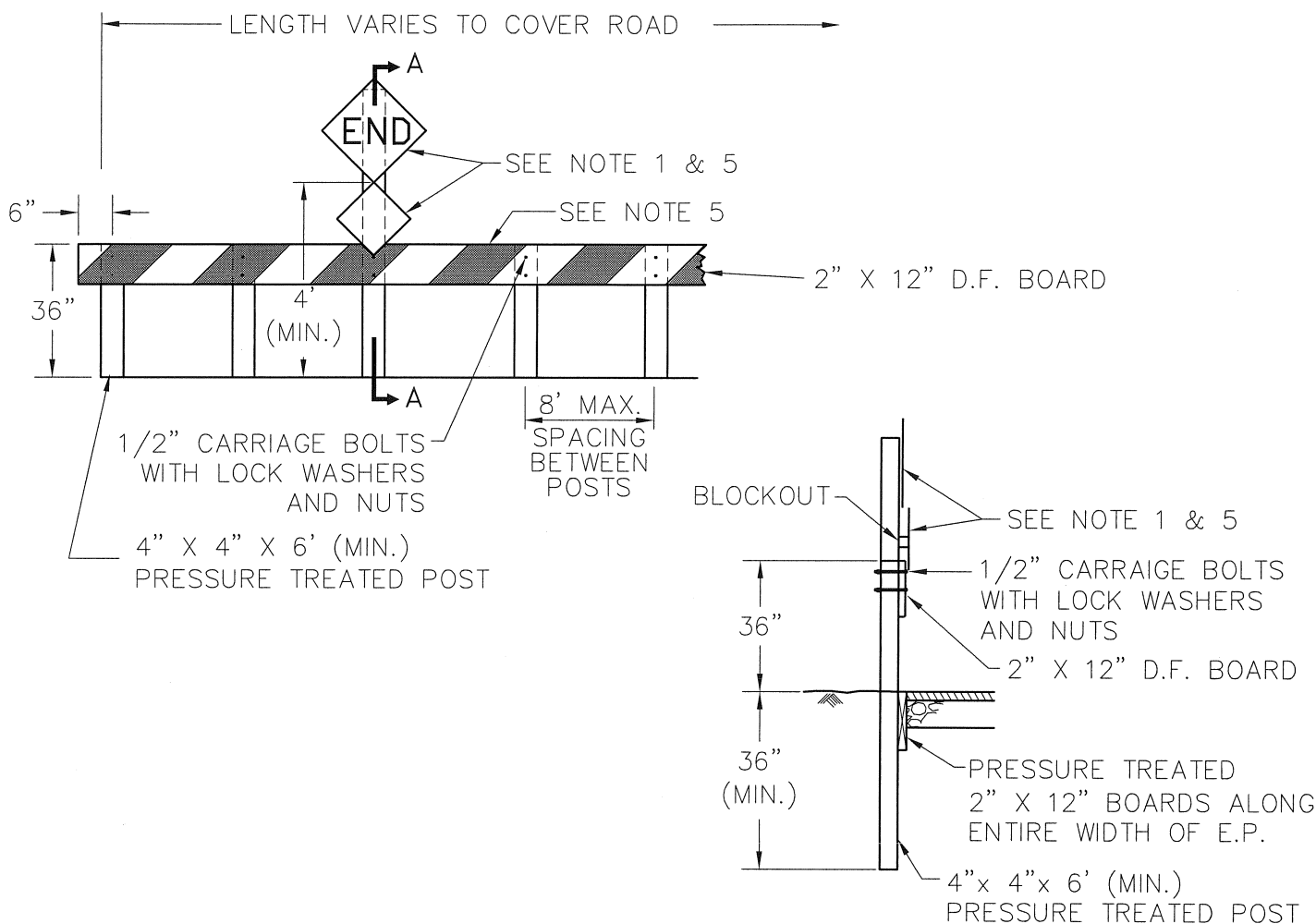
YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

STANDARD
MONUMENT WELL

APPROVED BY:

8-29-06
DATE:

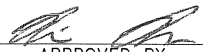
500

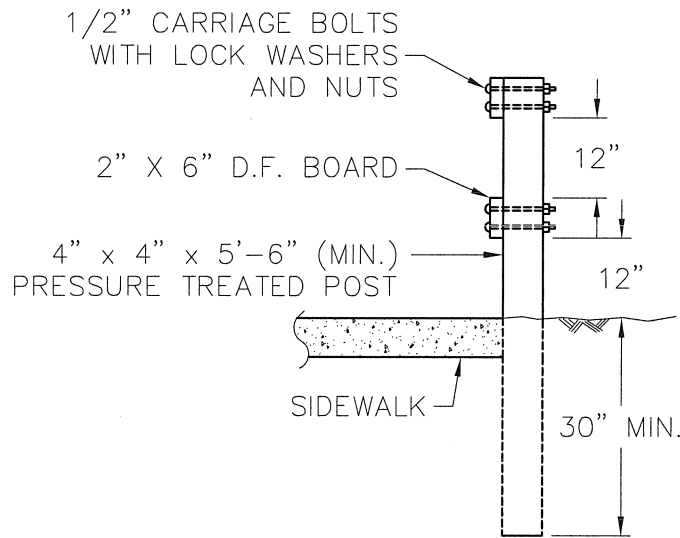
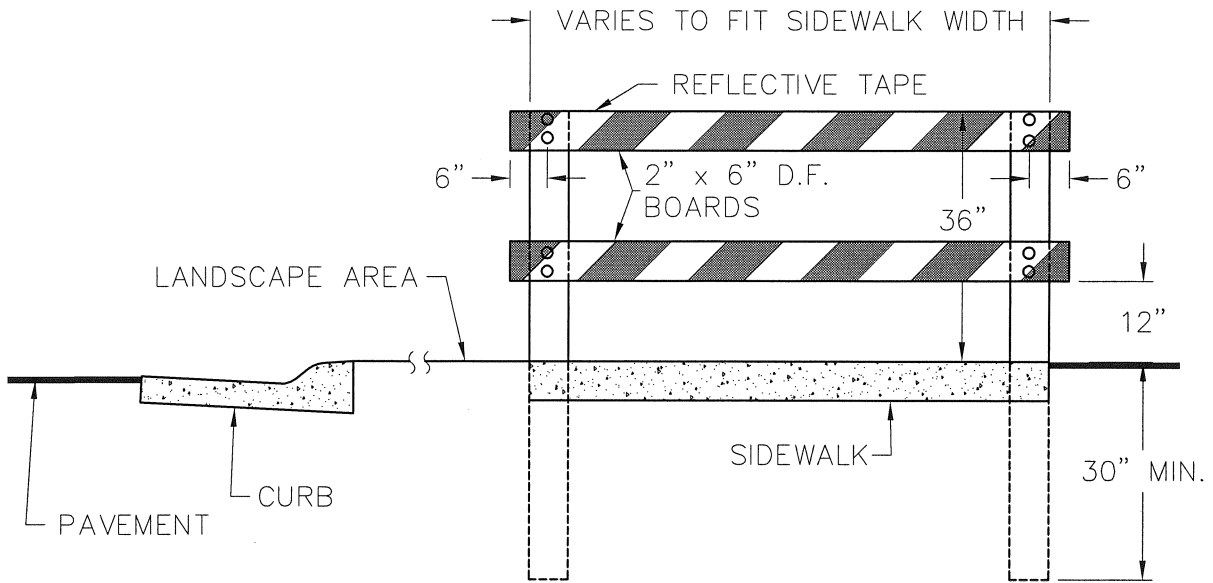


SECTION A-A
STANDARD BARRICADE

NOTES:

1. 30" X 30" CALTRANS W31 SIGNS AND 18" X 18" RED CALTRANS TYPE "N" MARKERS. BLOCK OUT AS NECESSARY FOR TYPE "N" MARKER TOP MOUNTING BOLT. RED TYPE "N" MARKER TO HAVE SOLID RED REFLECTIVE BACKGROUND WITHOUT ADDED REFLECTORS.
2. ALL EXPOSED SURFACES SHALL BE PAINTED WITH TWO (2) COATS OF WHITE PAINT CONFORMING TO CALIFORNIA STATE STANDARD SPECIFICATIONS, SECTION 91.
3. POST AT CENTER OR NEAREST TO CENTER ON RIGHT HAND SIDE TO BE EXTENDED TO PROVIDE MOUNTING FOR SIGNS.
4. 6" WHITE-ORANGE REFLECTIVE TAPE TO BE PLACED ON ALL CROSS MEMBERS. DIRECTION OF REFLECTIVE TAPE SHALL BE SLOPED DOWN AT AN ANGLE OF 45 DEGREES TOWARD THE SIDE ON WHICH TRAFFIC IS TO PASS THE OBSTRUCTION.
5. ALL SIGNS ARE HIGH INTENSITY GRADE REFLECTIVE SHEETING AND ALL LETTERS ARE HIGH INTENSITY REFLECTIVE LETTERS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STREET END TIMBER BARRICADE	
 APPROVED BY:	8-29-06 DATE:
501	



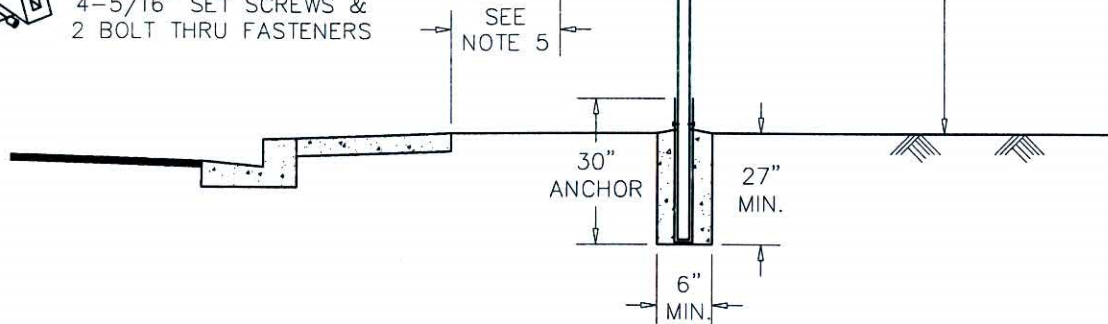
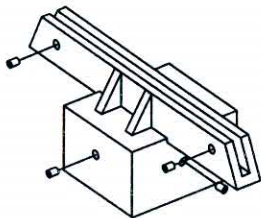
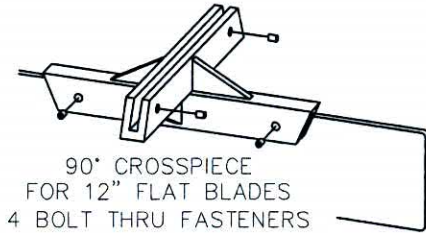
NOTES:

1. SIDEWALK BARRICADE TO BE ERECTED AT EACH LOCATION WHERE SATISFACTORY PROVISIONS CAN NOT BE MADE FOR PEDESTRIANS TO CONTINUE BEYOND THE TERMINUS OF A SIDEWALK.
2. ALL EXPOSED SURFACES SHALL BE PAINTED WITH TWO (2) COATS OF WHITE PAINT CONFORMING TO CALIFORNIA STATE STANDARD SPECIFICATIONS, SECTION 91.
3. 6" WHITE-ORANGE REFLECTIVE TAPE TO BE PLACED ON ALL CROSS MEMBERS. DIRECTION OF REFLECTIVE TAPE SHALL BE SLOPED DOWN AT AN ANGLE OF 45 DEGREES TOWARD THE SIDE ON WHICH TRAFFIC IS TO PASS THE OBSTRUCTION.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
SIDEWALK BARRICADE	
APPROVED BY:	8-24-06 DATE:
502	


LEFT JUSTIFY ROAD NAME ON BLADE HORIZONTALLY AND CENTER VERTICALLY. 9" HIGH INTENSITY GRADE REFLECTIVE SHEETING, 6" UPPER CASE AND 4.5" LOWER CASE GOTHIC SERIES "C" WHITE HIGH INTENSITY REFLECTIVE LETTERS.

3" UPPER CASE SERIES "C" HIGH INTENSITY LETTERS, MARGIN TO TOP.



NOTES:

1. STOP SIGN SHALL BE CALTRANS TYPE R1-1 (30") OR (36") HIGH INTENSITY PRISMATIC GRADE REFLECTIVE SHEETING.
2. STREET NAME SIGN BLANK SHALL BE 0.125" THICK, HIGH INTENSITY GRADE REFLECTIVE SHEETING. COLOR OF SHEETING SHALL BE GREEN FOR COUNTY ROAD APPLICATION AND BLUE FOR PRIVATE ROAD APPLICATION. THERE SHALL BE A 1/2" WHITE BORDER AROUND SIGN.
3. POSTS SHALL BE 2" X 2" SQUARE 14-GAUGE UNISTRUT STEEL TUBING SET IN 30" X 2.5" X 2.5" 7-GAUGE ANCHOR. ANCHOR SHALL BE SET IN CONCRETE 6" DIA. X 27" (MIN).
4. STOP SIGN MAY BE INSTALLED BELOW STREET SIGN WITH A MINIMUM OF 7' OF VERTICAL CLEARANCE FROM FINISHED GRADE OF SIDEWALK OR FROM EDGE OF NEAREST PAVEMENT. IN RURAL AREAS WITH NO PEDESTRIAN TRAFFIC THE MINIMUM VERTICAL CLEARANCE SHALL BE 5' FROM EDGE OF NEAREST PAVEMENT.
5. MINIMUM HORIZONTAL CLEARANCE SHALL BE 2' FROM BACK OF CURB, 6" FROM BACK OF SIDEWALK, OR 6' FROM IMPROVED SHOULDERS. NO SIGNS SHALL EXTEND OVER THE BACK OF CURB.
6. STREET NAME SIGN, NOT COMBINED WITH STOP SIGN, MAY BE LOCATED AT CENTER OF CURB RETURN. STOP SIGN SHALL BE LOCATED AT BEGINNING OF CURB RETURN.
7. EXACT LOCATIONS OF ALL SIGNS SHALL BE SHOWN ON STREET IMPROVEMENT PLANS.

YUBA COUNTY DEPARTMENT OF PUBLIC WORKS	
STREET SIGNS	
 APPROVED BY:	1/11/10 DATE:
503	