

COMPOSITE UTILITY PLAN SHALL INCLUDE SANITARY SEWER, WATER, STORM DRAIN, AND MAINTENANCE HOLES. MAINTENANCE HOLE SHALL BE NUMBERED TO CORRESPOND WITH THE MAINTENANCE HOLE NUMBERS ON MASTER PLANS (PLAN VIEW OR PROFILE VIEW). SUBSEQUENT SHEETS AS NECESSARY, HORIZONTAL SCALE FOR PLAN & PROFILE TO BE 1"=20' TO 1"=60'. FOR INTERSECTIONS OTHER THAN 90°, DETAILS SHALL BE REQUIRED.

LEGEND

- A. PROJECT TITLE
- B. CONVENTIONAL SYMBOLS
- C. ABBREVIATIONS
- D. VICINITY MAP
- E. TITLE BLOCK
- F. INDEX OF SHEETS
- G. CONCURRENCE BY OTHER DEPARTMENTS
- H. TYPICAL CROSS SECTIONS
- J. PAVEMENT THICKNESS TABLE FOR ALL STREETS WITHIN PROJECT

NOTES:

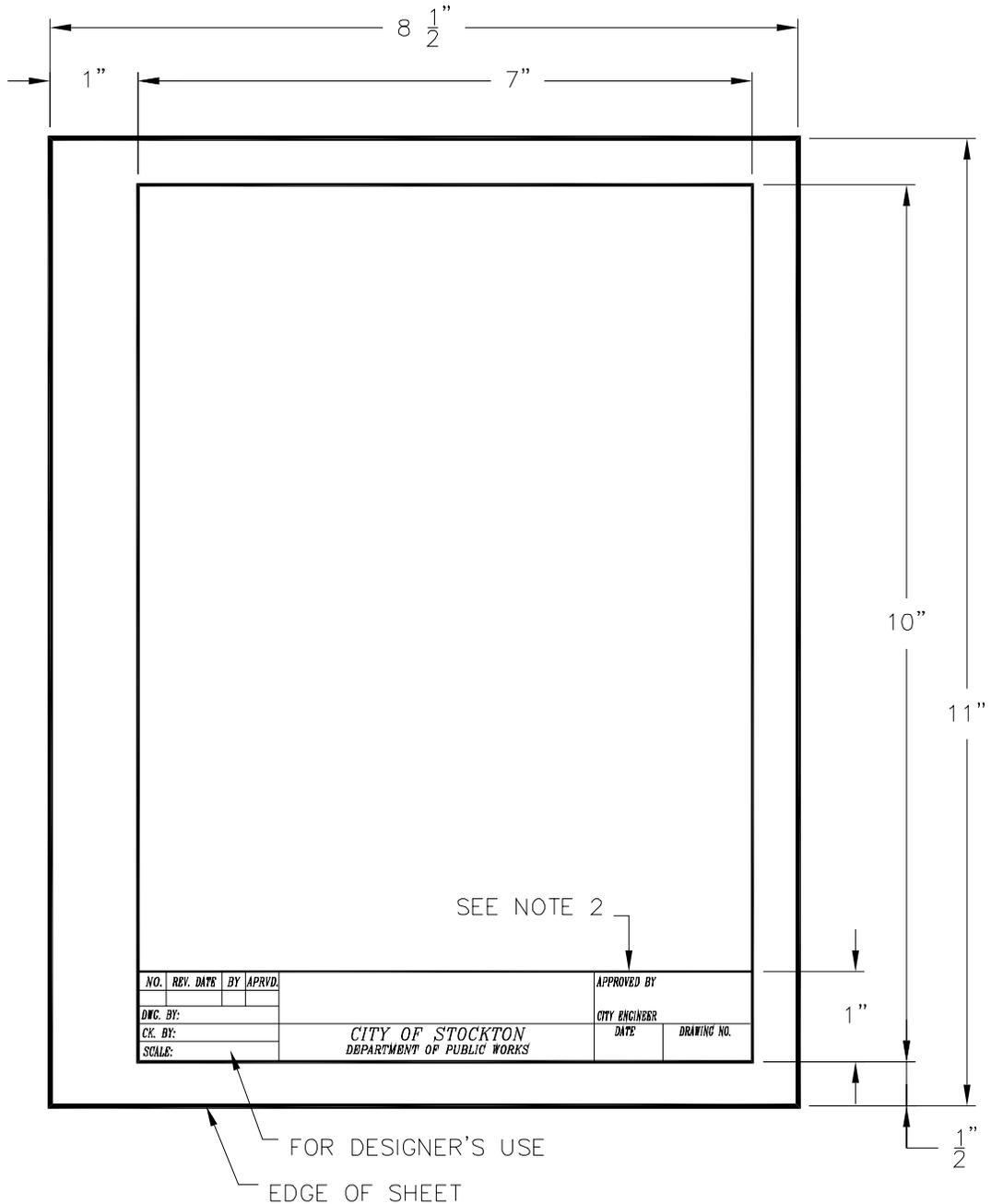
1. 8-1/2" x 11" DRAWINGS MAY BE USED FOR SKETCHES AND DETAILS ON SMALL PROJECTS WHEN APPROVED BY THE ENGINEER.
2. BORDER AND TITLE BLOCK TO BE CITY OF STOCKTON STANDARD FOR 8-1/2" x 11" SHEET AS PER STANDARD DRAWING NO. 1A.
3. FOR TITLE BLOCK DETAILS, SEE DRAWING NO. 2.
4. SUBDIVISION PLANS SHALL INCLUDE A GRADING PLAN.
5. TRAFFIC DRAWINGS, IF REQUIRED, SHALL BE LOCATED AT THE END OF THE IMPROVEMENT PLAN.
6. 22" x 34" DRAWING SHEET ALLOWED SUBJECT TO CITY ENGINEER APPROVAL.

REV. NO.	REV. DATE	REV. BY
5	6/1/2003	HL/EA
DIGITIZED		7/1/91
DWG. BY	DE	SCALE
CK. BY		NONE

TYPICAL LAYOUT FOR
IMPROVEMENT PLANS

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

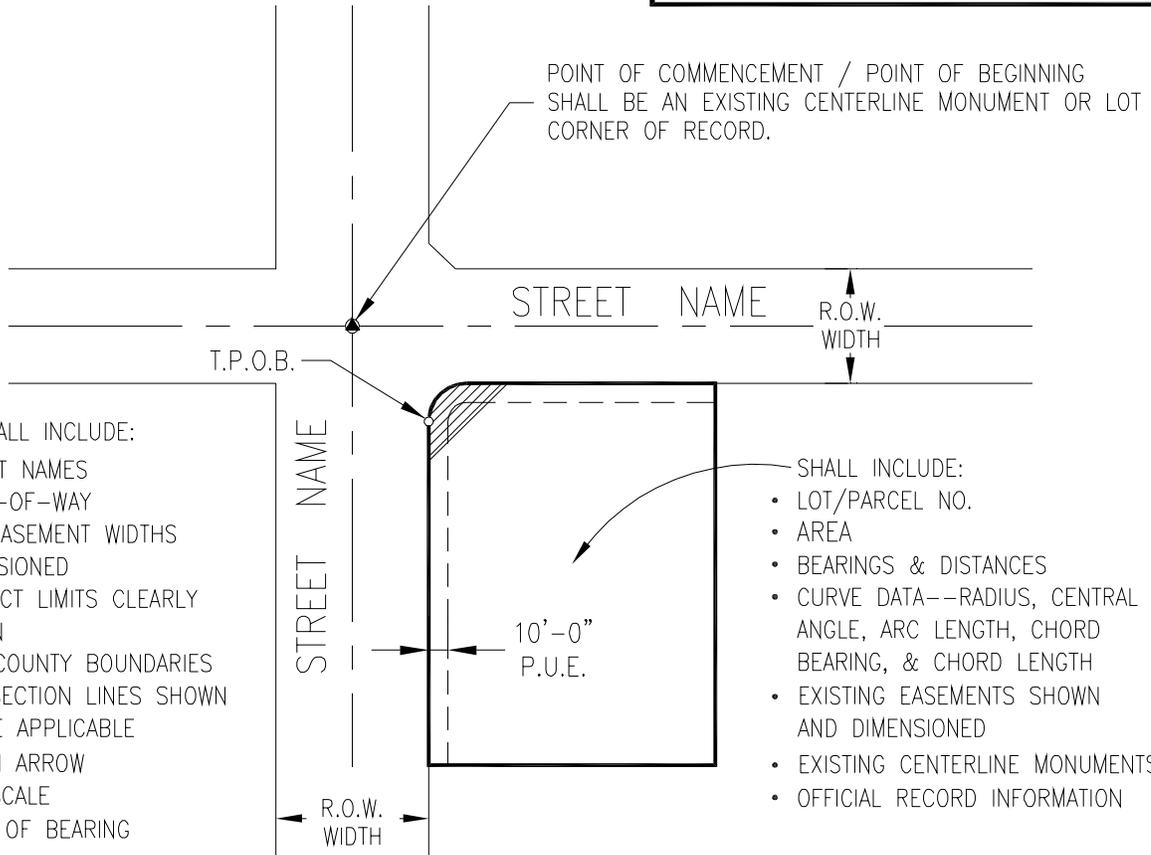
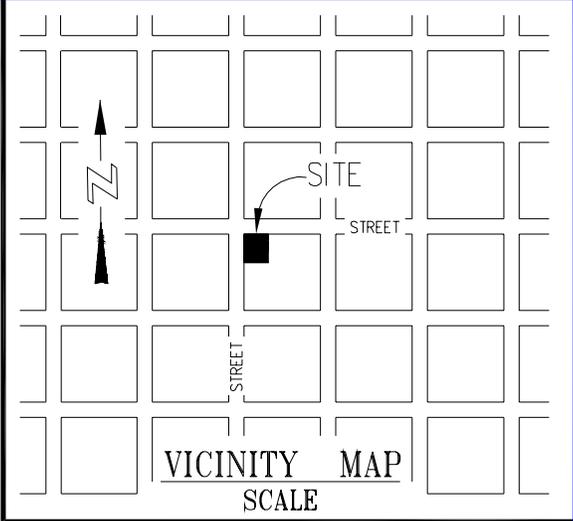
REVISION APPROVED BY CITY ENGINEER	
<i>Finbar J. O'Regan</i>	
DATE: 11/25/03	
SUPERCEDES DWG. DATED	DRAWING NO.
01/09/02	1



NOTES:

- 1) UPON REQUEST, CITY WILL FURNISH A BLANK SAMPLE.
- 2) ON CITY OF STOCKTON STANDARD DRAWINGS, ONE OF THE FOLLOWING WILL BE INSERTED TO INDICATE THE ACTION TAKEN:
 - A) NEW DRAWING
 - B) REVISION
 - C) DIGITIZED VERSION

REV. NO.	REV. DATE	REV. BY	CITY OF STOCKTON STANDARD BORDER AND TITLE BLOCK FOR 8-1/2" x 11" SHEET	REVISION APPROVED BY CITY ENGINEER	
1	7/1/94	KB/DE		Finbar J. O'Regan DATE: 01/09/02	
DIGITIZED		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWC. DATED	DRAWING NO.
DWC. BY	DE	SCALE		1A	
CK. BY		NONE			



MAP SHALL INCLUDE:

- STREET NAMES
- RIGHT-OF-WAY AND EASEMENT WIDTHS DIMENSIONED
- PROJECT LIMITS CLEARLY SHOWN
- CITY-COUNTY BOUNDARIES AND SECTION LINES SHOWN WHERE APPLICABLE
- NORTH ARROW AND SCALE
- BASIS OF BEARING

SHALL INCLUDE:

- LOT/PARCEL NO.
- AREA
- BEARINGS & DISTANCES
- CURVE DATA--RADIUS, CENTRAL ANGLE, ARC LENGTH, CHORD BEARING, & CHORD LENGTH
- EXISTING EASEMENTS SHOWN AND DIMENSIONED
- EXISTING CENTERLINE MONUMENTS
- OFFICIAL RECORD INFORMATION

NOTES:

1. DRAFTING STANDARDS AND SYMBOLS SHALL CONFORM TO CITY OF STOCKTON STANDARDS.
2. CLOSURE CALCULATIONS, INCLUDING AREA AND PRECISION, SHALL BE SUBMITTED SEPARATELY.
3. LEGAL DESCRIPTIONS SUBMITTED WITH THE MAP SHALL BE STAMPED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR.

PREPARED BY:

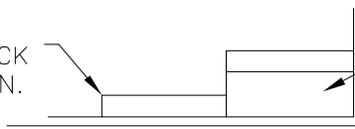
 (ENGINEERING FIRM)

REV. NO.	REV. DATE	REV. BY	CITY OF STOCKTON STANDARD MAP ASSOCIATED WITH LEGAL DESCRIPTION FOR 8-1/2" x 11" SHEET	REVISION APPROVED BY CITY ENGINEER	
2	6/1/2000	HLE/RH		 DATE: 01/09/02	
DIGITIZED		6/1/94	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWG. DATED	DRAWING NO.
DWG. BY	DE	SCALE		12/29/93	1B
CK. BY		NONE			

NOTE:

TITLE SHEET SHALL BE STAMPED AND SIGNED BY A REGISTERED ENGINEER ADJACENT TO THE TITLE BLOCK.

ENGINEER'S TITLE BLOCK
IN ALTERNATE LOCATION.



STANDARD TITLE
BLOCK 3 1/4" X 5 3/4"

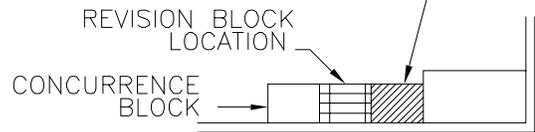
ALTERNATE LOCATION
FOR ENGINEERS TITLE BOX

J. E. DOE & ASSOCIATES CONSULTING ENGINEERS 1234 MAIN STREET ANYPLACE, CALIF. _____ R.C.E. NO _____			2 1/2" ENGINEER'S TITLE BLOCK
TRACT NO. 123 JOHN DOE PLAZA NO. 5 EXETER STREET			STANDARD TITLE BLOCK
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: DESIGNED BY: DRAWN BY: CHECKED BY: RECORD DWG.:	APPROVED BY: _____ DATE: _____ _____ CITY ENGINEER STOCKTON, CALIF.	SHEET NO. _____ OF SHEETS _____ PROJECT NO. _____	1 1/2" FOR DESIGNER'S USE EDGE OF SHEET

Revision No.	Description	Date	By	Aprvd. By

REVISION BLOCK

ALTERNATE LOCATION OF
REVISION BLOCK IF NOT USED
FOR ENGINEER'S TITLE BLOCK.



REVISION BLOCK LOCATION

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	TITLE BLOCK	<i>DIGITIZED VERSION APPROVED BY CITY ENGINEER</i>	
2	7/1/92	KB/DE		Finbar J. O'Regan	
<i>DIGITIZED</i>		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>DATE:</i> 01/09/02	
<i>DWG. BY</i>	RC	<i>SCALE</i>		<i>SUPERCEDES</i> <i>DWG. DATED</i>	<i>DRAWING NO.</i>
<i>CK. BY</i>		NONE		11/7/80	2

DRAFTING STANDARDS

ALL SUBDIVISION PLANS, CONSTRUCTION DRAWINGS, & PROPERTY PLATS SUBMITTED TO THE CITY ENGINEER FOR CONSIDERATION SHALL CONFORM TO AND BE PREPARED IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

1. **ALL LETTERING**, OTHER THAN THAT HEREIN SPECIFIED OR SHOWN BELOW, SHALL BE A MINIMUM OF 0.100 INCH IN HEIGHT AND USING 0.01" LINE WIDTH, OR EQUAL.

2. **SUBDIVISION PLANS**

	<u>LINE WIDTH</u>	
STREET CENTER LINES	- - - - -	0.01" WIDTH
RADIAL BEARING LINES	—————	0.01" WIDTH
EASEMENT LINES	- - - - -	0.01" WIDTH
LOT LINES	—————	0.02" WIDTH
RIGHT-OF-WAY LINES	- . . . -	0.03" WIDTH
BLOCK OUTLINE	—————	0.03" WIDTH
SUBDIVISION OUTLINE	—————	0.04" WIDTH
MONUMENTS SET	○	
MONUMENTS SET IN MONUMENT BOX	◎	
MONUMENTS FOUND	●	
MONUMENTS FOUND IN MONUMENT BOX	◎	
BENCH MARK ELEVATION	⊕	
STREET NAMES	NAME	LETTERS 0.175" HIGH AND 0.04" LINE WIDTH
LOT NUMBERS	36	LETTERS 0.175" HIGH AND 0.02" LINE WIDTH
BEARINGS, DISTANCES, CURVE DATA, COORDINATES, ETC.		LETTERS 0.100" HIGH AND 0.01" LINE WIDTH
ADJACENT SUBDIVISIONS		LETTERS 0.175" HIGH AND SHADOW LETTERING AND 0.01" LINE WIDTH
ADJACENT LOT NUMBERS		LETTERS 0.175" HIGH AND DOTTED LETTERING AND 0.01" LINE WIDTH

TITLE BLOCK AND OTHER RELATED LETTERING SHALL BE IN ACCORDANCE WITH STANDARD ACCEPTED ENGINEERING PRACTICE, BUT IN NO CASE SHALL THE LETTERING BE LESS THAN 0.100 INCH IN HEIGHT AND USING LINE WIDTH OF 0.01".

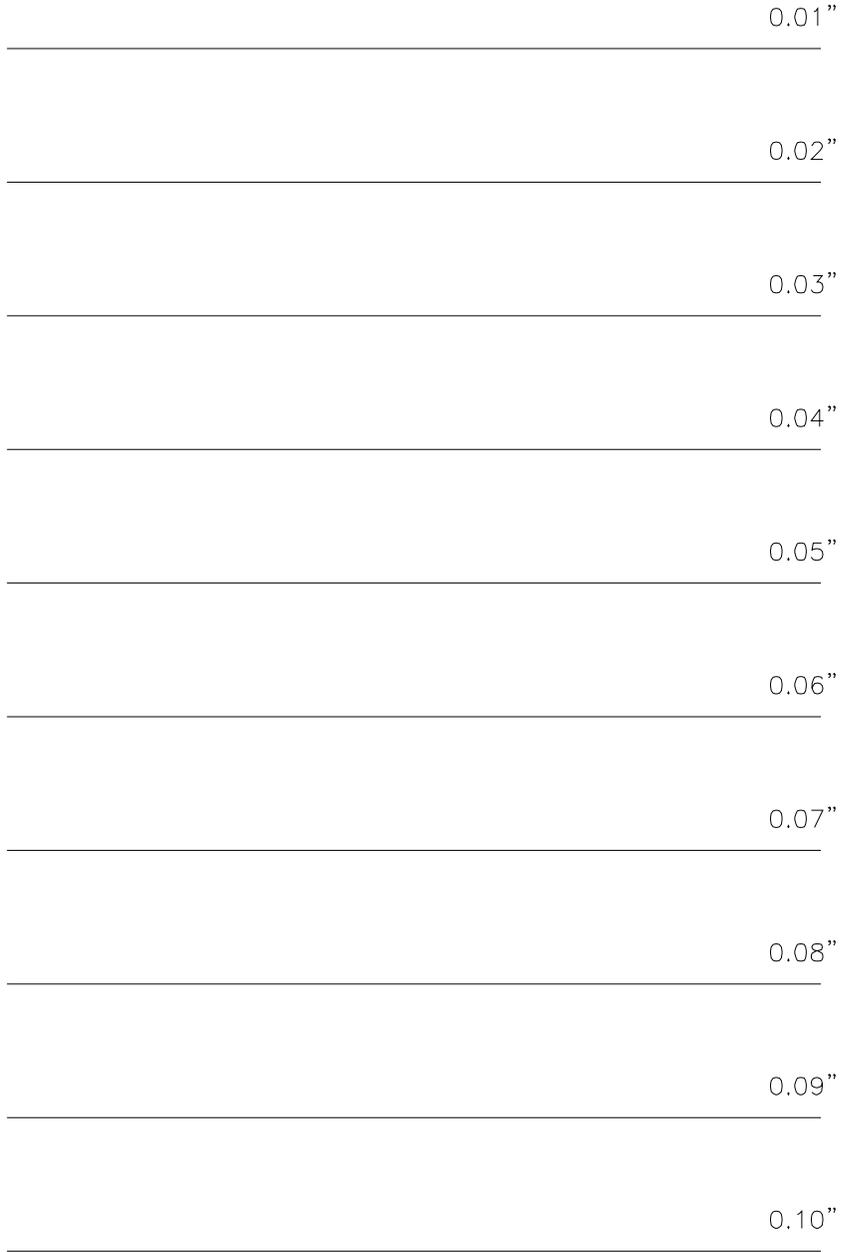
3. **IMPROVEMENT PLANS**

<u>DESCRIPTION</u>	<u>PROPOSED</u>	<u>EXISTING</u>
SANITARY SEWER	— 6" SS —	- - - 6" SS - - -
STORM SEWER (AKA STORM DRAIN)	— 8" SD —	- - - 8" SD - - -
GAS LINE	— 4" G —	- - - 4" G - - -
WATER LINE	— 8" W —	- - - 8" W - - -
TELEPHONE	— T —	- - - T - - -
CABLE TELEVISION	— TV —	- - - TV - - -
GAS VALVE	— G ⊠ —	- - - G - - -
WATER VALVE	— W ⊠ —	- - - W - - -
ELECTRICAL CONDUIT	— E —	- - - E - - -
MATCH LINE	—————	

STA. 5+00

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	<h2 style="color: red;">DRAFTING STANDARDS</h2>	<i>REVISION APPROVED BY CITY ENGINEER</i>	
2	6/1/2000	HLE/RH		Finbar J. O'Regan	
<i>DIGITIZED</i>				<i>DATE:</i> 01/09/02	
<i>DWG. BY</i>	RC	<i>SCALE</i>	CITY OF STOCKTON <i>DEPARTMENT OF PUBLIC WORKS</i>	<i>SUPERCEDES DWG. DATED</i>	<i>DRAWING NO.</i>
<i>CK. BY</i>		NONE		2/23/95	3A

LINE WIDTH



<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	DRAFTING STANDARDS	<i>NEW DRAWING APPROVED BY CITY ENGINEER</i>	
2	6/1/2003	HL/EA		<i>Finbar J. O'Regan</i>	
<i>DIGITIZED</i>		6/1/2000		<i>DATE: 11/25/03</i>	
<i>DWG. BY</i>	HLE	<i>SCALE</i>	CITY OF STOCKTON <i>DEPARTMENT OF PUBLIC WORKS</i>	<i>SUPERCEDES</i>	<i>DRAWING NO.</i>
<i>CK. BY</i>		1:1		<i>DWG. DATED</i>	3A-1
				01/09/02	

IMPROVEMENT PLANS (CONT'D FROM DWG. 3A)

<u>DESCRIPTION</u>	<u>TO BE CONSTRUCTED</u>	<u>EXISTING</u>
MAINTENANCE HOLE		
CATCHBASIN		
GAS METER		
WATER METER		
CURB AND GUTTER		
SIDEWALK		
DRIVEWAY		
CONFORM PAVEMENT		
FIRE HYDRANT		
SIGN		
SANITARY SEWER CLEANOUT		
UTILITY POLE		
GUARD RAIL		
BARRICADE		
FENCE		
RAILROAD		
WHEELCHAIR RAMP		
SANITARY SEWER SERVICE		
LAMP HOLE		
TRAFFIC SIGNAL		
ELECTRICAL TRANSFORMER		
POWER SOURCE		
BLOW-OFF		

THE FOREGOING SYMBOLS SHALL BE USED IN CONNECTION WITH ALL IMPROVEMENTS AND CONTRACT PLANS.

ANY ABBREVIATIONS USED SHALL CONFORM TO THE STANDARD ABBREVIATIONS AS SET FORTH IN SECTION 1-1.03 OF THE CITY OF STOCKTON STANDARD SPECIFICATIONS.

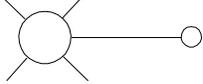
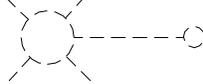
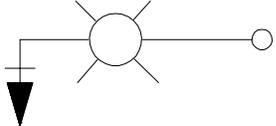
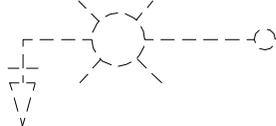
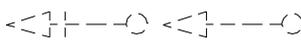
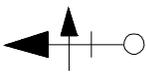
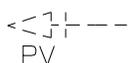
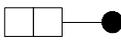
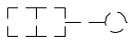
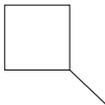
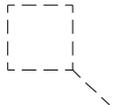
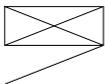
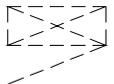
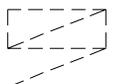
<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	DRAFTING STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
2	6/1/2000	HLE/RH		<i>Finbar J. O'Regan</i>	
<i>DIGITIZED</i>	7/1/92			<i>DATE: 01/09/02</i>	
<i>DWG. BY</i>	RC	<i>SCALE</i>	CITY OF STOCKTON <i>DEPARTMENT OF PUBLIC WORKS</i>	<i>SUPERCEDES</i> <i>DWG. DATED</i>	<i>DRAWING NO.</i>
<i>CK. BY</i>		NONE		6/1/94	3B

IMPROVEMENT PLANS (CONT'D FROM DWG. 3B)

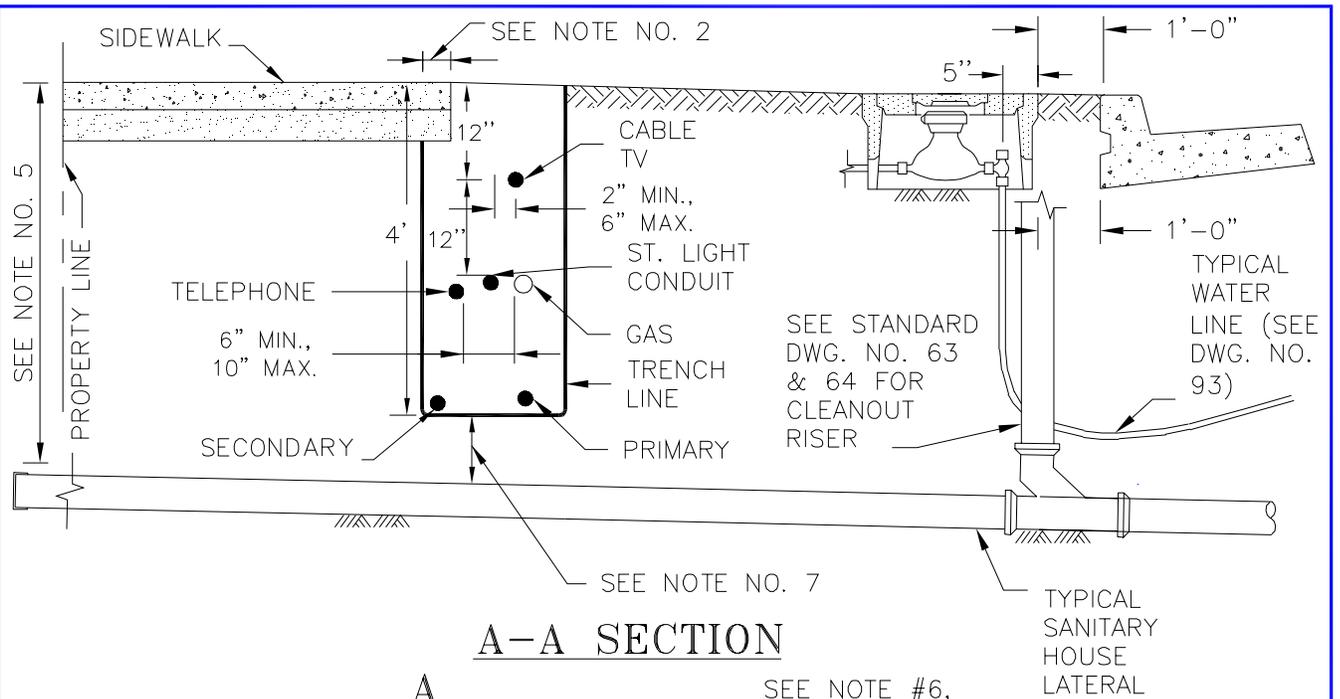
DESCRIPTION

TO BE CONSTRUCTED

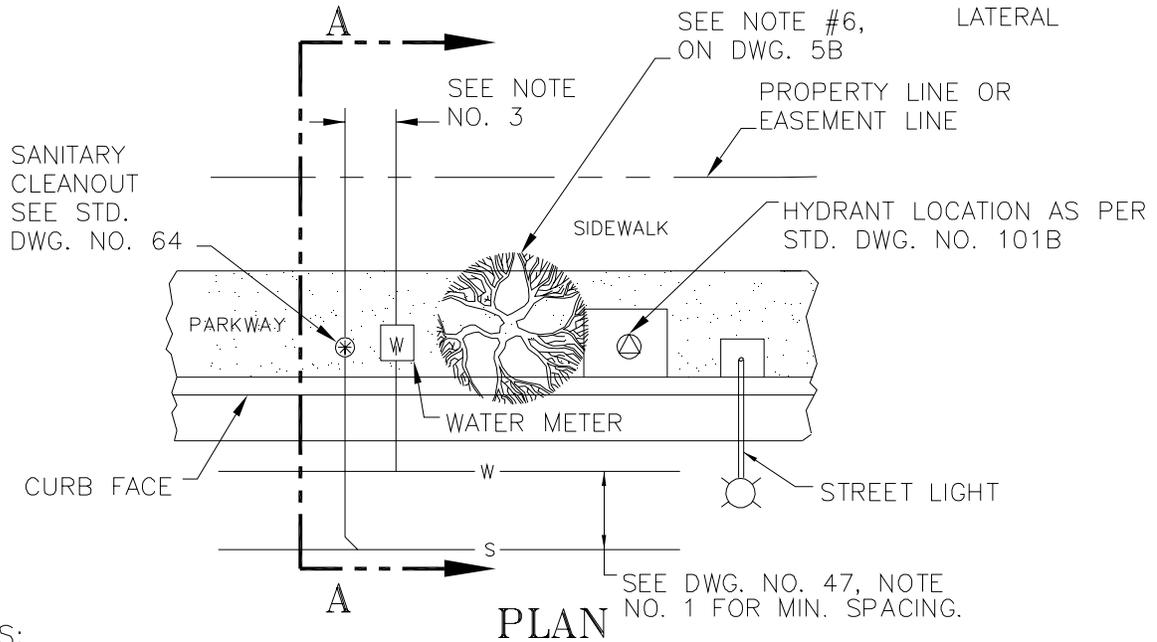
EXISTING

PULL BOX		
PULL BOX WITH DETECTOR STUB IN CONDUIT.....		
ELECTROLIER.....		
COMBINATION TRAFFIC SIGNAL WITH BACKPLATE & LUMINAIRE.....		
VEHICLE SIGNAL WITH AND WITHOUT BACKPLATE.....		
COMBINATION TRAFFIC SIGNAL, GREEN ARROW WITH BACKPLATE.....		
MASTARM SIGNAL WITH STREET NAME SIGN		
PROGRAMMED VISIBILITY HEAD WITH BACKPLATE.....		
PEDESTRIAN SIGNAL FACE		
PEDESTRIAN PUSH BUTTON AND ASSOCIATED VEHICLE PHASE	PPB ø6	PPB ø6
INDUCTIVE DETECTOR LOOP		
TRAFFIC SIGNAL CONTROLLER CABINET WITH DOOR SWING AS SHOWN		
TYPE III OR III M SERVICE CABINET WITH DOOR SWING AS SHOWN		

REV. NO.	REV. DATE	REV. BY	DRAFTING STANDARDS	REVISION APPROVED BY CITY ENGINEER	
1	6/1/94	KB		Finbar J. O'Regan	
DIGITIZED		7/1/92		DATE: 01/09/02	
DWG. BY	RC	SCALE	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWG. DATED	DRAWING NO.
CK. BY		NONE		7/1/84	30



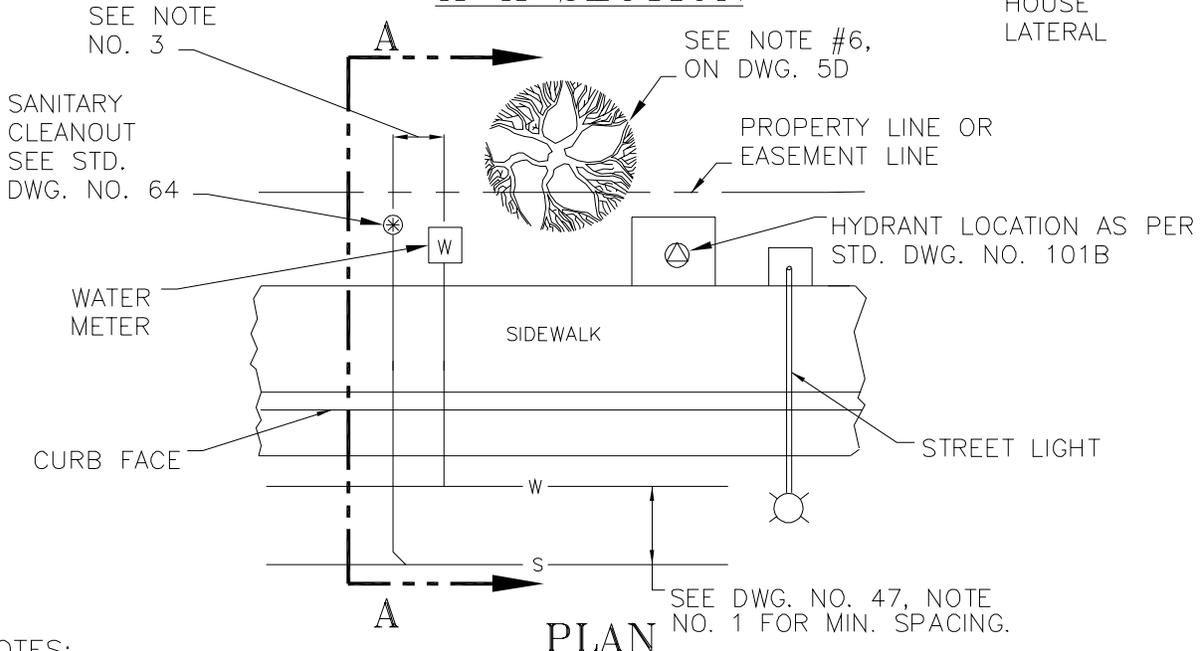
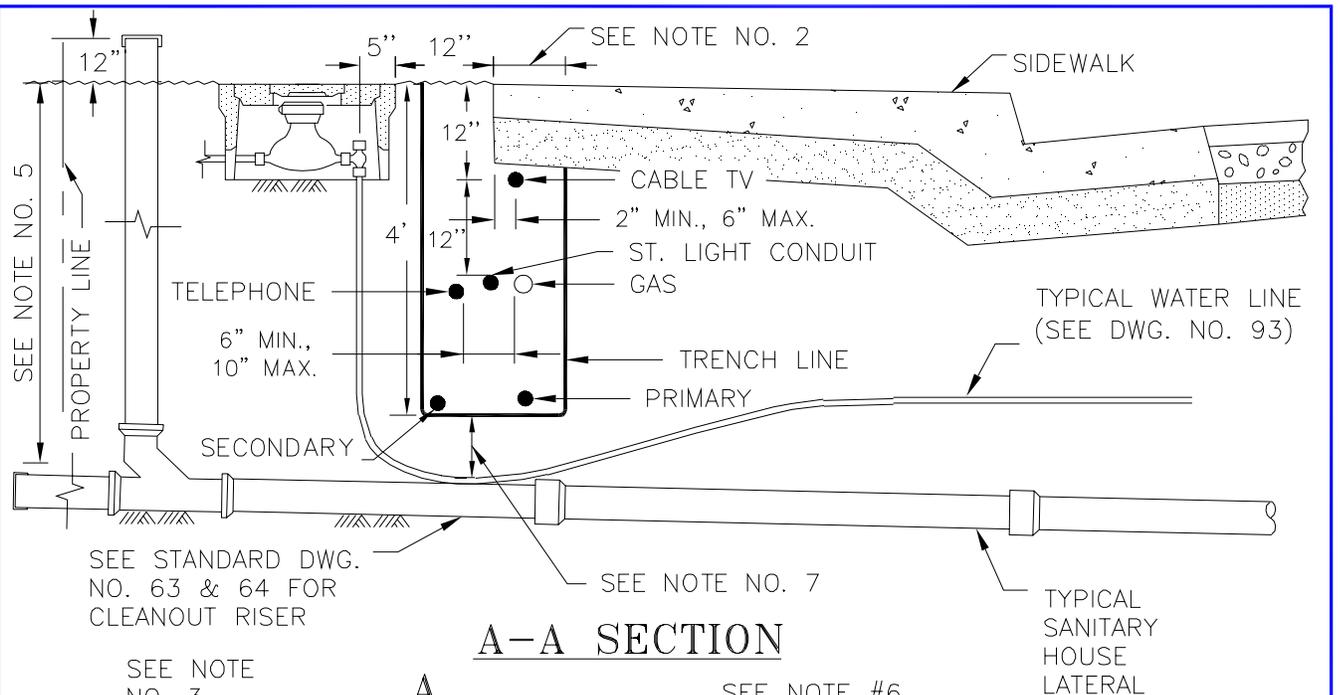
A-A SECTION



NOTES:

1. ● DENOTES CABLE AND/OR CONDUIT.
2. IF THE TRENCH LIES MORE THAN 9" UNDER THE SIDEWALK IT SHALL BE BACK FILLED IN THE SAME MANNER AS THE TOP 3'-0" OF A TRENCH SECTION IN EXISTING STREETS. SEE STANDARD DWG. NO. 50
3. WATER SERVICE AND SANITARY SERVICE SHALL HAVE A MINIMUM LATERAL CLEARANCE OF 2'-6".
4. UTILITIES TO BE PLACED AS PER PUBLIC UTILITY COMPANY REGULATIONS.
5. SANITARY HOUSE LATERAL SHALL HAVE 4'-6" MIN. AND 7'-0" MAX. COVER AT PROPERTY LINE.
6. GAS LINE LOCATION TO BE DETERMINED BY DEVELOPER AND P.G.&E. COMPANY.
7. ALL SERVICES CROSSING UNDERNEATH PRIMARY AND SECONDARY ELECTRICAL LINES SHALL HAVE A MINIMUM CLEARANCE OF 6". ELECTRICAL LINES SHALL HAVE A CLEARANCE OF 12" IF PLACED BELOW SERVICE LATERALS.
8. FOR ALTERNATE LOCATIONS, SEE DWG. NO. 5B, 5C.

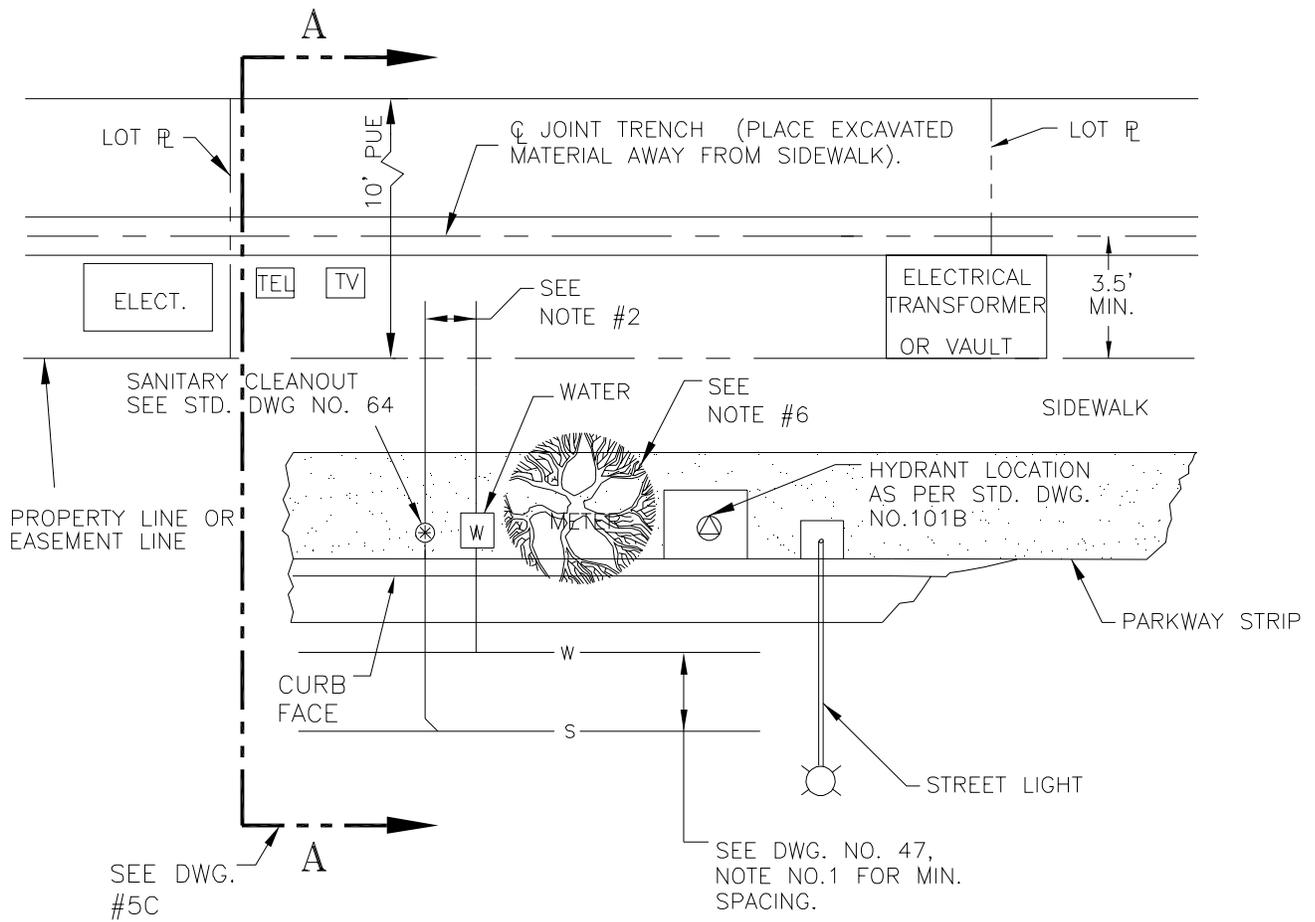
REV. NO.	REV. DATE	REV. BY	UNDERGROUND UTILITY LOCATIONS CASE 1 - C,G, & SW WITH PLANTER STRIP	REVISION APPROVED BY CITY ENGINEER	
4	6/1/2003	HL/EA		Finbar J. O'Regan DATE: 11/25/03	
DIGITIZED		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWG. DATED	DRAWING NO.
DWG. BY	RC	SCALE		01/09/02	5
CK. BY		NONE			



NOTES:

1. ● DENOTES CABLE AND/OR CONDUIT.
2. IF THE TRENCH LIES MORE THAN 9" UNDER THE SIDEWALK IT SHALL BE BACK FILLED IN THE SAME MANNER AS THE TOP 3'-0" OF A TRENCH SECTION IN EXISTING STREETS. SEE STANDARD DWG. NO. 50
3. WATER SERVICE AND SANITARY SERVICE SHALL HAVE A MINIMUM LATERAL CLEARANCE OF 2'-6".
4. UTILITIES TO BE PLACED AS PER PUBLIC UTILITY COMPANY REGULATIONS.
5. SANITARY HOUSE LATERAL SHALL HAVE 4'-6" MIN. AND 7'-0" MAX. COVER AT PROPERTY LINE.
6. GAS LINE LOCATION TO BE DETERMINED BY DEVELOPER AND P.G.&E. COMPANY.
7. ALL SERVICES CROSSING UNDERNEATH PRIMARY AND SECONDARY ELECTRICAL LINES SHALL HAVE A MINIMUM CLEARANCE OF 6". ELECTRICAL LINES SHALL HAVE A CLEARANCE OF 12" IF PLACED BELOW SERVICE LATERALS.
8. FOR ALTERNATE LOCATIONS, SEE DWG. NO. 5D,5E.

REV. NO.	REV. DATE	REV. BY	UNDERGROUND UTILITY LOCATIONS CASE 2 - C,G, & SW WITH NO PLANTER STRIP	REVISION APPROVED BY CITY ENGINEER	
4	6/1/2003	HL/EA		Finbar J. O'Regan	
DIGITIZED		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	DATE: 11/25/03	
DWG. BY	RC	SCALE		SUPERCEDES DWG. DATED	DRAWING NO.
CK. BY		NONE		01/09/02	5A



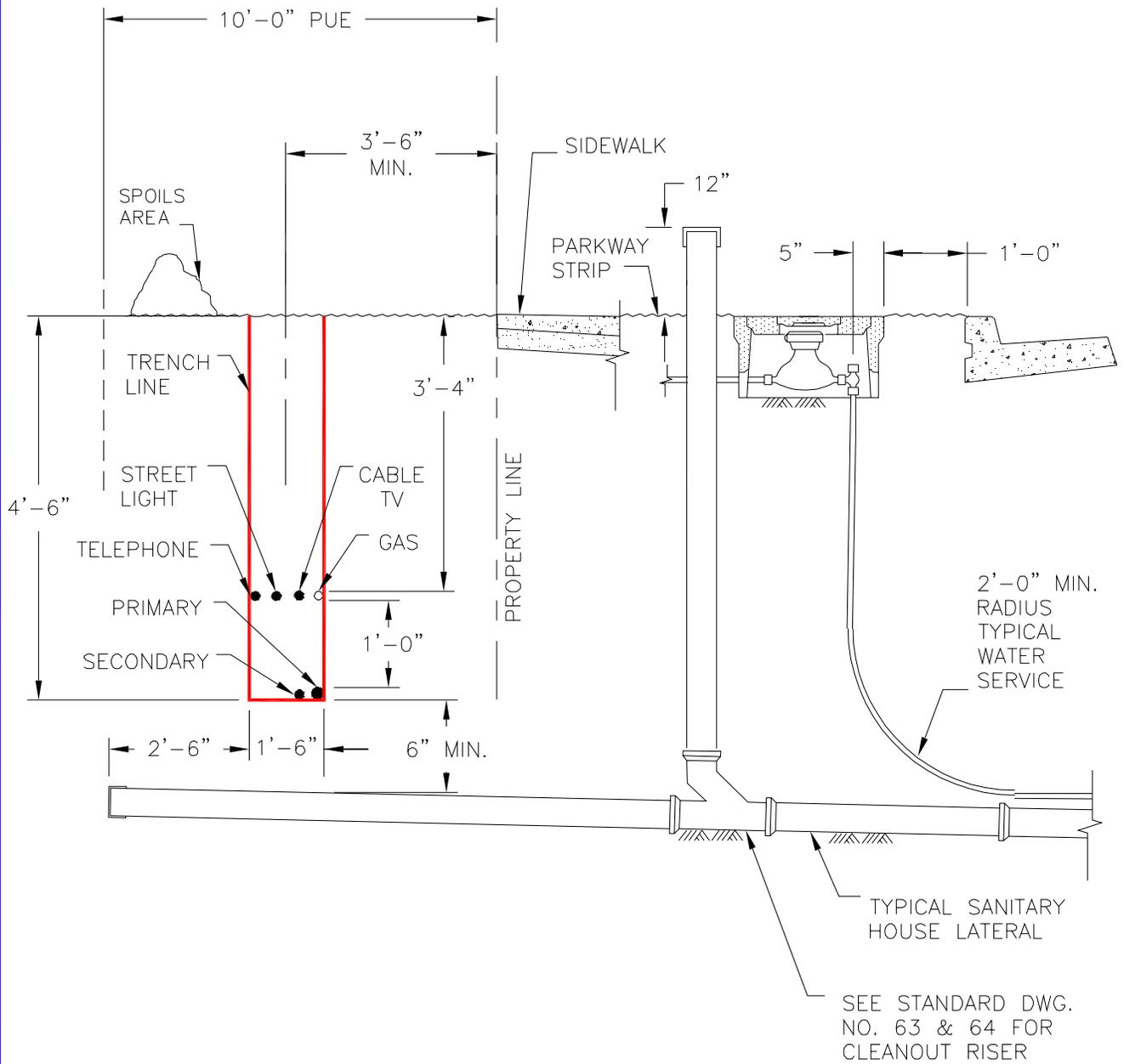
PLAN

NOTES:

1. ● DENOTES CABLE AND/OR CONDUIT.
2. WATER SERVICE AND SANITARY SERVICE SHALL HAVE LATERAL CLEARANCE OF 2'-6" MIN.
3. UTILITIES TO BE PLACED AS PER PUBLIC UTILITY COMPANY REGULATIONS.
4. GAS LINE LOCATION TO BE DETERMINED BY THE DEVELOPER AND P.G.&E. CO.
5. THIS PLAN SHALL BE USED ONLY WITH THE APPROVAL OF THE CITY ENGINEER.
6. TREE (TO BE PLANTED BY CITY OR BY PERMIT) REQUIRES 6'-0" LATERAL CLEARANCE FROM CONCRETE DRIVE, SIDEWALK, SEWER, GAS AND WATER, LOCATE UTILITIES ACCORDINGLY. SEE ALSO DRAWING NO. 5F.

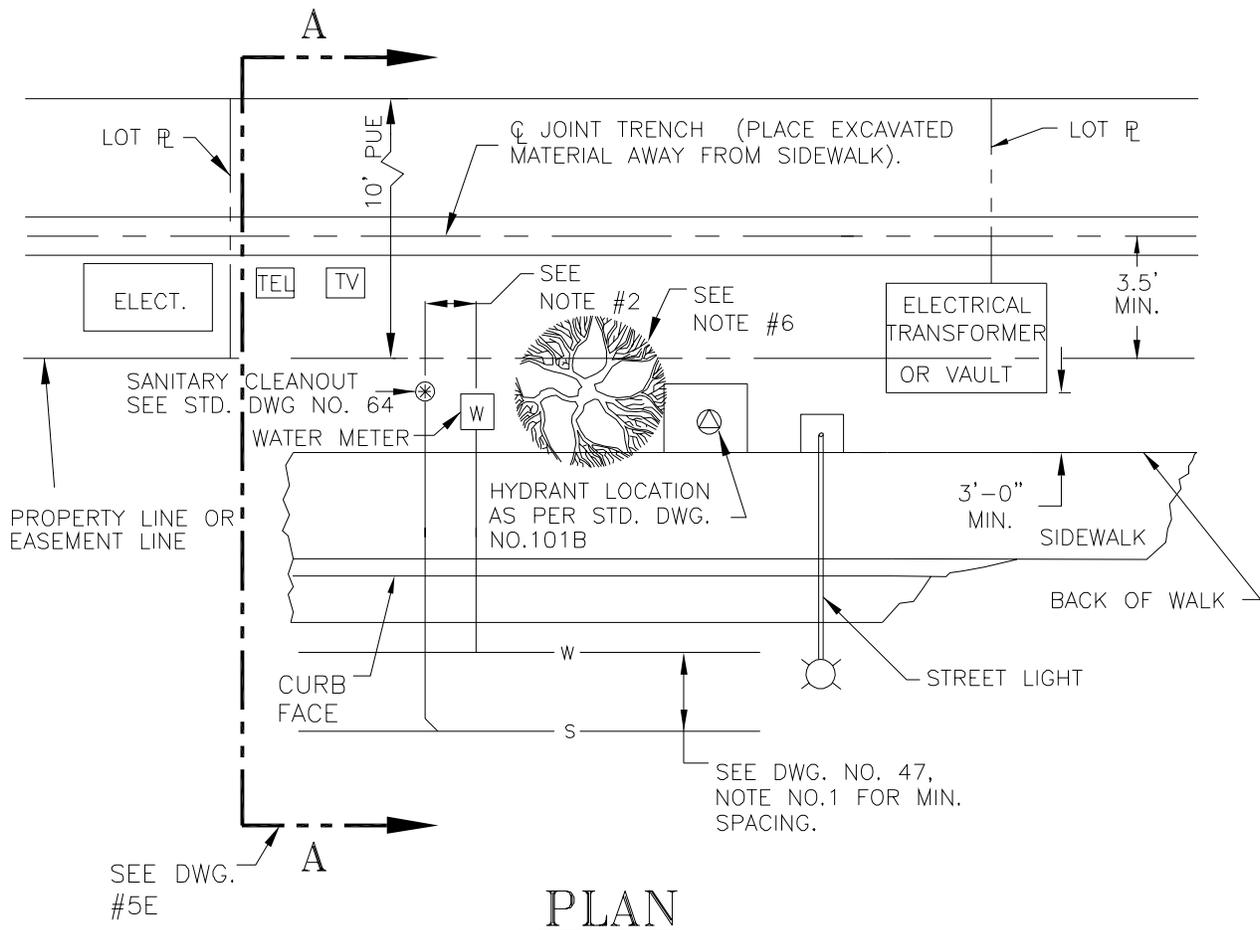
<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	ALTERNATE UNDERGROUND UTILITY LOCATIONS CASE 1 - C,G, & SW WITH PLANTER STRIP	<i>REVISION APPROVED BY CITY ENGINEER</i>	
4	6/1/2003	HL/EA		<i>Finbar J. O'Regan</i> DATE: 11/25/03	
<i>DIGITIZED</i>		7/1/91	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS </div> <div style="text-align: right;"> <i>SUPERCEDES DWG. DATED</i> 01/09/02 </div> <div style="text-align: right;"> <i>DRAWING NO.</i> 5B </div> </div>		
<i>DWG. BY</i>	RC	<i>SCALE</i>			
<i>CK. BY</i>		NONE			

(CONT'D FROM DWG. 5B)



A-A SECTION

REV. NO.	REV. DATE	REV. BY	ALTERNATE UNDERGROUND UTILITY LOCATIONS CASE 1 - C,G, & SW WITH PLANTER STRIP	REVISION APPROVED BY CITY ENGINEER	
4	6/1/2003	HL/EA		Finbar J. O'Regan	
DIGITIZED		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	DATE:	11/25/03
DWG. BY	RC	SCALE		SUPERCEDES DWG. DATED	DRAWING NO.
CK. BY		NONE		2/23/95	5C

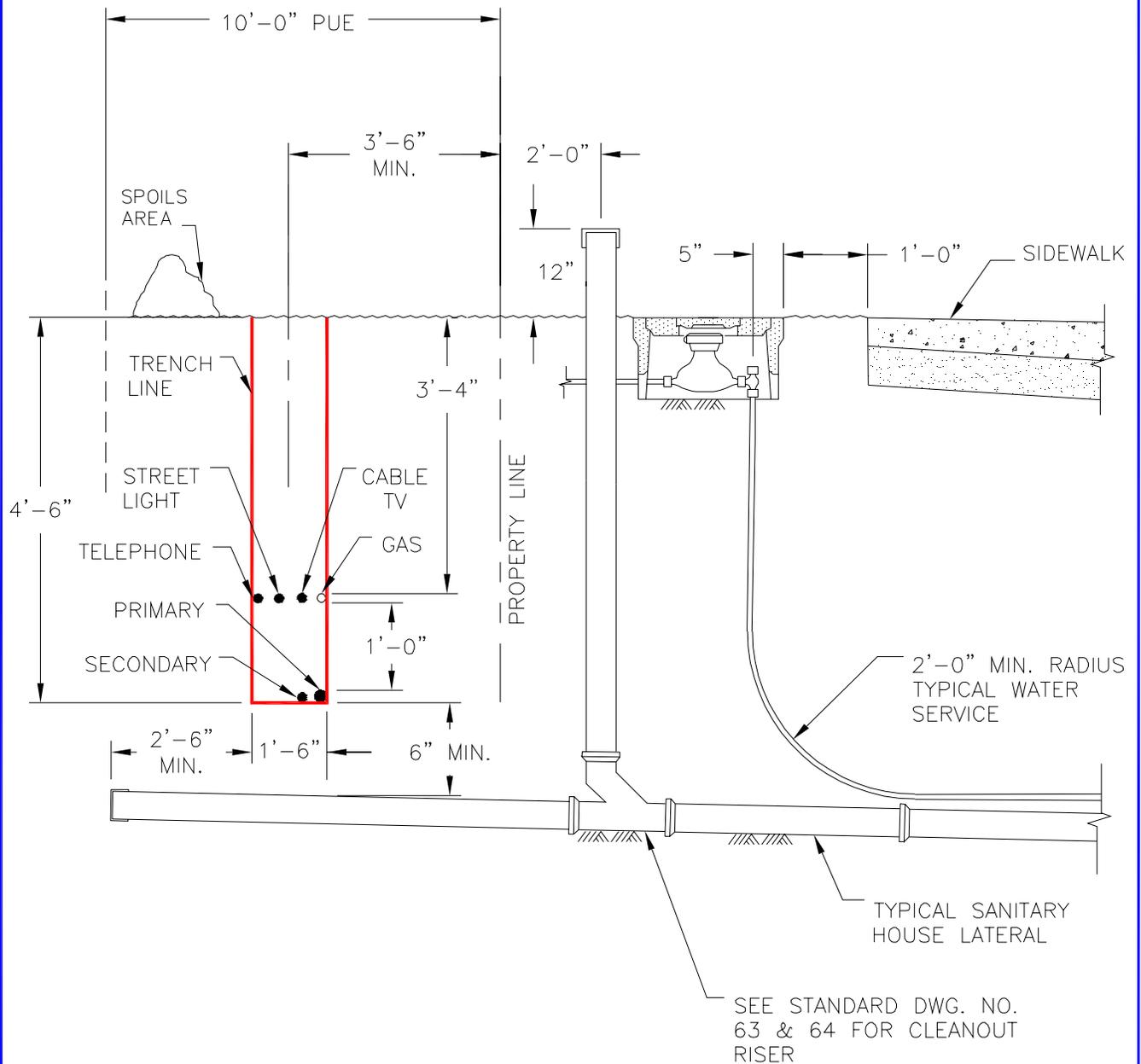


NOTES:

1. ● DENOTES CABLE AND/OR CONDUIT.
2. WATER SERVICE AND SANITARY SERVICE SHALL HAVE LATERAL CLEARANCE OF 2'-6" MIN.
3. UTILITIES TO BE PLACED AS PER PUBLIC UTILITY COMPANY REGULATIONS.
4. GAS LINE LOCATION TO BE DETERMINED BY THE DEVELOPER AND P.G.&E. CO.
5. THIS PLAN SHALL BE USED ONLY WITH THE APPROVAL OF THE CITY ENGINEER.
6. TREE (TO BE PLANTED BY CITY OR BY PERMIT) REQUIRES 6'-0" LATERAL CLEARANCE FROM CONCRETE DRIVE, SIDEWALK, SEWER, GAS AND WATER, LOCATE UTILITIES ACCORDINGLY. SEE ALSO DRAWING NO. 5F.

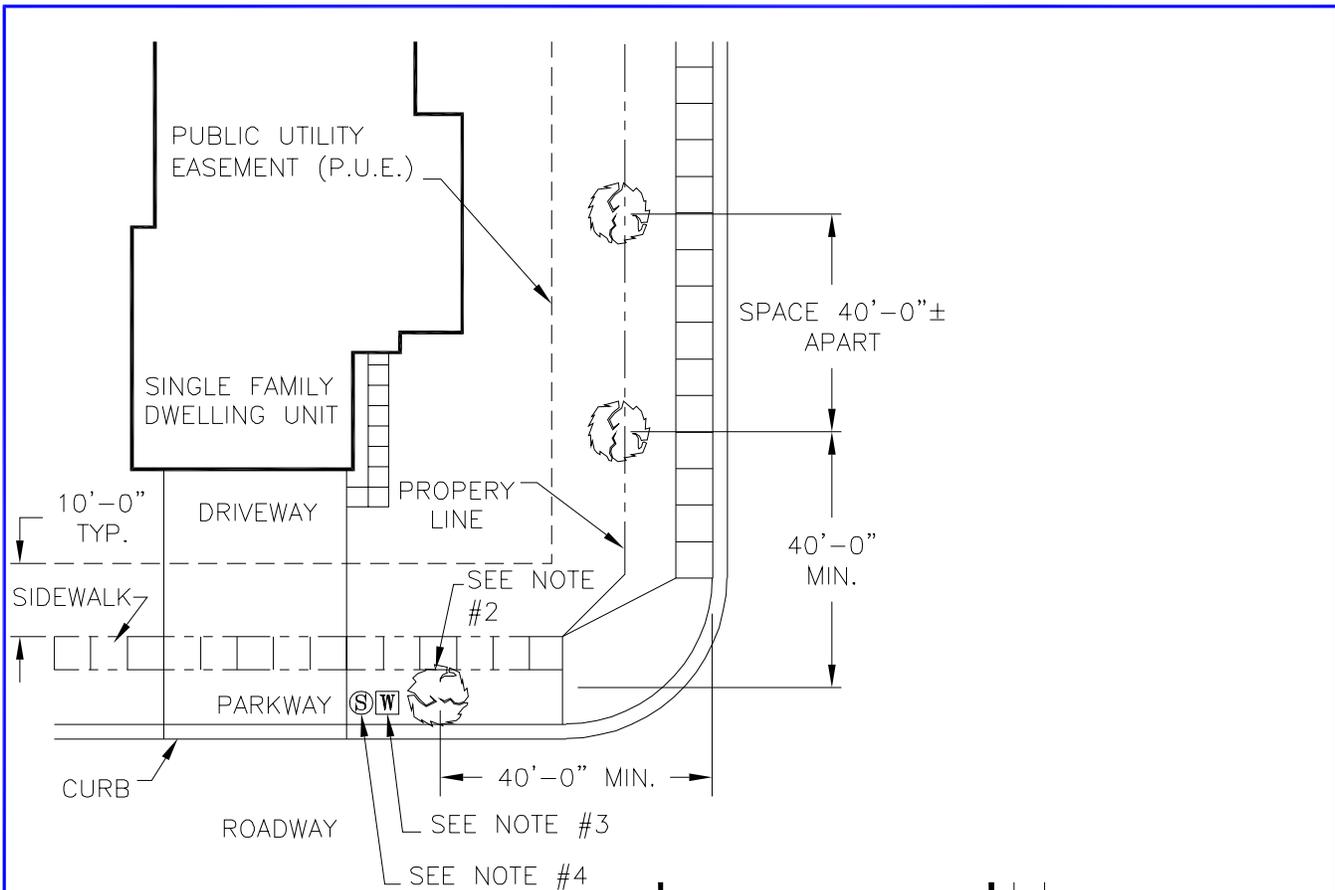
REV. NO.	REV. DATE	REV. BY	ALTERNATE UNDERGROUND UTILITY LOCATIONS CASE 2 - C,G, & SW WITH NO PLANTER STRIP	REVISION APPROVED BY CITY ENGINEER	
4	6/1/2003	HL/EA		Finbar J. O'Regan DATE: 11/25/03	
DIGITIZED		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWG. DATED	DRAWING NO.
DWG. BY	RC	SCALE		01/09/02	5D
CK. BY		NONE			

(CONT'D FROM DWG. 5D)



A-A SECTION

REV. NO.	REV. DATE	REV. BY	ALTERNATE UNDERGROUND UTILITY LOCATIONS CASE 2 - C,G, & SW WITH NO PLANTER STRIP	REVISION APPROVED BY CITY ENGINEER	
4	6/1/2003	HL/EA		Finbar J. O'Regan	
DIGITIZED		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	DATE:	11/25/03
DWG. BY	RC	SCALE		SUPERCEDES DWG. DATED	DRAWING NO.
CK. BY		NONE		2/23/95	5E

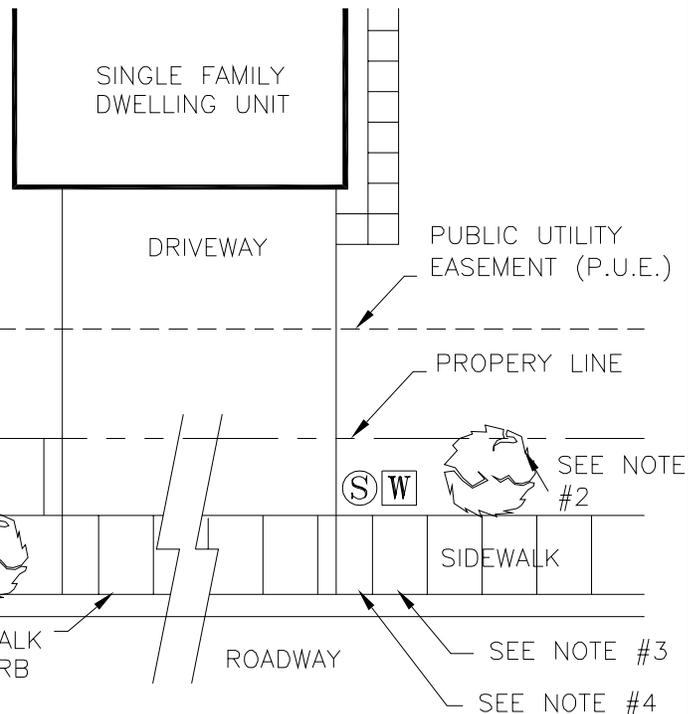


TYPICAL CORNER LOT

SEE NOTE #6

NOTES:

1. ALL APPROVED TREES TO BE INSTALLED PER CITY OF STOCKTON STANDARD DETAILS.
2. APPROVED STREET TREE TO BE LOCATED 6'-0" FROM BACK OF SIDEWALK IF NO PARKWAY STRIP AND 6'-0" MIN. AWAY FROM ANY UTILITY BOX AND 15'-0" MIN. AWAY FROM ALL STREET LIGHTS & SIGNS.
3. WATER METER
4. SANITARY CLEANOUT
5. TREES TO BE PLANTED BY CITY UNLESS OTHERWISE APPROVED BY PERMIT.
6. UNLESS SITE CONDITIONS REQUIRE OTHERWISE, CORNER LOTS SHALL HAVE AT LEAST 3 STREET TREES AND INTERIOR LOTS SHALL HAVE AT LEAST ONE STREET TREE.



TYPICAL INTERIOR LOT

SEE NOTE #6

REV. NO.	REV. DATE	REV. BY	TYPICAL TREE PLANTING LOCATIONS	NEW DRAWING APPROVED BY CITY ENGINEER	
	6/1/2003	HL/EA		Finbar J. O'Regan DATE: 11/25/03	
DIGITIZED			CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWG. DATED	DRAWING NO.
DWG. BY	HLE	SCALE		01/09/02	5F
CK. BY		NONE			

SUBDIVISION DESIGN STANDARDS

BLOCK:

FACTORS GOVERNING DIMENSIONS:

BLOCK LENGTH AND WIDTH OR ACREAGE WITHIN BOUNDING ROADS SHALL BE SUCH AS TO ACCOMMODATE THE SIZE OF LOT REQUIRED IN THE AREA BY THE ZONING PLAN & TO PROVIDE FOR CONVENIENT ACCESS. CIRCULATION CONTROL AND SAFETY OF STREET TRAFFIC. BLOCK LENGTHS SHALL NOT EXCEED 1300'-0". PEDESTRIAN WALKWAYS MAY BE PERMITTED IN LOCATIONS DEEMED NECESSARY FOR PUBLIC HEALTH, CONVENIENCE, AND NECESSITY.

*** LOTS:**

*** RESIDENTIAL**

RESIDENTIAL LOTS SHALL HAVE A MINIMUM WIDTH OF 50'-0" AT THE REQUIRED BUILDING SETBACK LINE. ON CUL-DE-SAC AND CURVILINEAR STREETS THE MINIMUM WIDTH SHALL BE MEASURED ALONG THE ARC LENGTH AT THE BUILDING SETBACK LINE. LOTS SHALL HAVE A MINIMUM AREA CONFORMING TO THE STANDARDS SET FORTH IN THE ZONING PLAN. LOT DIMENSION SHALL BE SHOWN ON THE MAP FOR CURVILINEAR FRONTAGE. LOT FRONTAGES AND AREAS DEVIATING FROM THESE STANDARDS SHALL BE APPROVED BY THE PLANNING COMMISSION.

*** CONFIGURATION:**

ALL RESIDENTIAL LOTS SHALL ABUT BY THEIR FULL FRONTAGE ON A PUBLICLY DEDICATED STREET EASEMENT, OR PRIVATE ROADWAY AS APPROVED BY THE PLANNING COMMISSION. DOUBLE FRONTAGE LOTS OF LESS THAN 200'-0" IN DEPTH SHALL NOT BE PERMITTED EXCEPT WHERE ACCESS RIGHTS TO ONE FRONTAGE HAVE BEEN DEDICATED TO THE CITY.

*** LOT LINES:**

SIDE LOT LINES SHALL BE AT RIGHT ANGLES TO STRAIGHT STREET LINES OR RADIAL TO CURVED STREET LINES.

*** UNINHABITABLE LOTS:**

LOTS OR LAND SUBJECT TO FLOODING OR DEEMED BY THE COMMISSION TO BE UNINHABITABLE SHALL NOT BE PLATTED FOR RESIDENTIAL OCCUPANCY. NOR FOR SUCH OTHER USES AS MAY INCREASE DANGER TO HEALTH, LIFE, OR PROPERTY OR AGGRAVATE THE FLOOD HAZARD UNLESS THE FLOOD HAZARD OR OTHER CONDITION MAKING THE LOTS UNINHABITABLE IS CORRECTED TO THE SATISFACTION OF THE CITY ENGINEER. ANY LAND WITHIN THE SUBDIVISION WHICH IS SUBJECT TO FLOODING OR OTHER UNINHABITABLE CONDITIONS SHALL BE SET ASIDE FOR SUCH USES AS SHALL NOT BE ENDANGERED BY PERIODIC OR OCCASIONAL INUNDATION OR SHALL NOT PRODUCE UNSATISFACTORY LIVING CONDITIONS.

*** DEVIATION FROM THESE SECTIONS
REQUIRES PLANNING COMMISSION APPROVAL**

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	SUBDIVISION DESIGN STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
2	3/31/95	KB/DE		Finbar J. O'Regan	
<i>DIGITIZED</i>		7/1/91		DATE: 01/09/02	
<i>DWG. BY</i>	RC	<i>SCALE</i>	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>SUPERCEDES DWG. DATED</i>	<i>DRAWING NO.</i>
<i>CK. BY</i>		NONE		7/1/84	6

(CONT'D FROM DWG. 6)

SUBDIVISION DESIGN STANDARDS

LOT DRAINAGE:

EACH LOT SHALL BE DESIGNED, GRADED AND MAINTAINED TO PROVIDE PROPER DRAINAGE WITHOUT PONDING OR CAUSING SOIL EROSION. DRAINAGE FROM EACH LOT SHALL BE CONFINED WHOLLY TO THAT LOT UNTIL IT IS DISCHARGED UPON AN ABUTTING STREET. A WAIVER OF THESE PROVISIONS SHALL OCCUR ONLY WHEN OTHER ALTERNATE DRAINAGE FACILITIES AND RECORDED EASEMENTS ARE PROVIDED. THE RESPONSIBILITY FOR MAINTENANCE OF SUCH FACILITIES IS CLEARLY ESTABLISHED, AND SUCH ALTERNATE PLAN IS APPROVED IN WRITING BY THE CITY ENGINEER. TYPICAL LOT DRAINAGE DETAILS SHALL BE SHOWN ON THE GRADING PLAN AS PART OF THE IMPROVEMENT PLANS.

EASEMENTS:

EASEMENTS SHALL BE PROVIDED WHERE NECESSARY AND OF SUCH WIDTH AS REQUIRED BY THE CITY ENGINEER. WHERE A SUBDIVISION IS ADJACENT TO, ABUTS, OR IS TRAVERSED BY A WATER COURSE, DRAINAGE WAY, CHANNEL, OR A STREAM, THERE SHALL BE PROVIDED A STORM WATER EASEMENT OR DRAINAGE RIGHT OF WAY CONFORMING SUBSTANTIALLY WITH THE LINES OF SUCH WATER COURSE, AND OF SUCH CONFIGURATION AS WILL BE ADEQUATE FOR THE PURPOSE OF MAINTAINING DRAINAGE. REASONABLE PUBLIC ACCESS SHALL BE PROVIDED BY EASEMENT FROM PUBLIC STREET TO A PORTION OF THE BANK OF A RIVER OR STREAM BORDERING OR LYING WITHIN THE PROPOSED SUBDIVISION.

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	SUBDIVISION DESIGN STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
2	3/31/95	KB/DE		Finbar J. O'Regan DATE: 01/09/02	
<i>DIGITIZED</i>		7/1/91	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>SUPERCEDES</i>	<i>DRAWING NO.</i>
<i>DWG. BY</i>	RC	<i>SCALE</i>		<i>DWG. DATED</i>	6A
<i>CK. BY</i>		NONE		7/1/84	

GENERAL:

PURPOSE AND INTENT

THE PURPOSE AND INTENT OF THESE DESIGN STANDARDS IS TO CLARIFY AND CONSOLIDATE PRESENT DESIGN CRITERIA IN THE CITY OF STOCKTON.

SCOPE

THE DESIGN STANDARDS AS HERINAFTER SPECIFIED SHALL BE USED AS THE BASIS OF DESIGN FOR ALL DEVELOPMENT WITHIN THE JURISDICTION OF THE CITY OF STOCKTON.

DESIGN

THE DESIGN OF EACH DEVELOPMENT IS IN ITSELF A SPECIAL CASE AND THESE DESIGN STANDARDS SHALL BE CONSTRUED TO BE THE MINIMUM REQUIRED DESIGN ON ALL OR ANY SEPARATE PHASE OF THE CONSTRUCTION. UNDER CERTAIN CONDITIONS, ANY OR ALL PHASES MAY BE REQUIRED TO EXCEED THESE SPECIFICATIONS. IT IS ALSO RECOGNIZED THAT THERE MAY BE DEVELOPMENTS WHERE IT IS IMPOSSIBLE TO MEET THESE DESIGN STANDARDS. IT IS SUGGESTED THAT THESE CASES BE REVIEWED WITH THE CITY ENGINEER EARLY IN THE DESIGN PROCESS TO MINIMIZE REWORKING PLANS WHERE DEVIATION IS NOT PERMITTED.

FINAL AUTHORITY

THE CITY ENGINEER SHALL BE THE FINAL AUTHORITY ON ALL QUESTIONS WHICH MAY ARISE AS TO THE INTERPRETATION OF THESE STANDARDS. THE CITY ENGINEER'S DECISION SHALL BE FINAL AND HE SHALL HAVE AUTHORITY TO ENFORCE AND MAKE EFFECTIVE SUCH DECISIONS, EXCEPT AS NOTED.

HORIZONTAL ALIGNMENT:

CONFORMITY

THE ARRANGEMENT, CHARACTER, EXTENT, WIDTH, GRADE AND LOCATION OF ALL STREETS SHALL CONFORM TO THE OFFICIAL MAP OR GENERAL PLAN AND SHALL BE CONSIDERED IN THEIR RELATION TO EXISTING AND PLANNED STREETS, TO TOPOGRAPHICAL CONDITIONS, TO PUBLIC CONVENIENCE AND SAFETY AND IN THEIR APPROPRIATE RELATION TO THE PROPOSED USES OF THE LAND TO BE SERVED BY SUCH STREETS. WHERE NOT SHOWN ON THE OFFICIAL MAP OR GENERAL PLAN, THE ARRANGEMENT AND OTHER DESIGN STANDARDS OF STREETS SHALL CONFORM TO THE PROVISIONS FOUND HEREIN.

RELATION TO ADJOINING STREET SYSTEM

THE ARRANGEMENT OF STREETS IN NEW SUBDIVISIONS SHALL MAKE PROVISION FOR THE CONTINUATION OF THE EXISTING STREETS IN ADJOINING AREAS.

PROJECTION OF STREETS

WHERE ADJOINING AREAS ARE NOT SUBDIVIDED, THE ARRANGEMENT OF STREETS IN NEW SUBDIVISIONS SHALL MAKE PROVISION FOR THE PROPER PROJECTION OF STREETS TO THE SUBDIVISION BOUNDARY LINE, OR LOT LINE, AS SPECIFIED. ADEQUATE TEMPORARY TURN-A-ROUNDS, INCLUDING EASEMENTS IF NECESSARY, SHALL BE PROVIDED AS APPROVED BY THE CITY ENGINEER.

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	STREET DESIGN STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
1	6/1/94	KB/DE		<i>Finbar J. O'Regan</i>	
<i>DIGITIZED</i>	7/1/92			<i>DATE: 01/09/02</i>	
<i>DWG. BY</i>	RC	<i>SCALE</i>	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>SUPERCEDES</i>	<i>DRAWING NO.</i>
<i>CK. BY</i>		NONE		<i>DWG. DATED</i>	7
				7/1/84	

(CONT'D FROM DWG. 7)

JOGS PROHIBITED

STREET JOGS WITH CENTERLINE OFFSETS OF LESS THAN 200'-0" SHALL BE PROHIBITED, UNLESS APPROVED BY THE CITY ENGINEER.

DEAD-END STREETS OR CUL-DE-SACS

DEAD-END STREETS OR CUL-DE-SAC DESTINED TO BE SO PERMANENTLY SHALL NOT BE LONGER THAN 500'-0" AND SHALL BE PROVIDED AT THE CLOSED END WITH A TURN-AROUND HAVING A STREET PROPERTY LINE DIAMETER IN CONFORMITY WITH THE STANDARD SPECIFICATIONS.

MINOR STREETS

MINOR STREETS SHALL BE SO LAID OUT THAT THEIR USE BY THROUGH TRAFFIC WILL BE DISCOURAGED.

STREET WIDTHS

STREET RIGHT-OF-WAY WIDTHS SHALL BE ESTABLISHED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

INTERSECTIONS

THE INTERSECTION OF MORE THAN TWO STREETS AT ONE POINT SHALL BE AVOIDED EXCEPT WHERE IT IS IMPRACTICABLE TO SECURE A REASONABLE STREET SYSTEM OTHERWISE. STREETS SHALL INTERSECT AT AN ANGLE AS NEAR TO A RIGHT ANGLE AS POSSIBLE, AND NO INTERSECTIONS OF STREETS AT ANGLES LESS THAN 75 DEGREES SHALL BE APPROVED. STREET INTERSECTIONS SHALL BE ROUNDED WITH A RADIUS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. STREET INTERSECTION RIGHT OF WAY SHALL BE ANGLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

CURVATURE

THE MINIMUM CENTERLINE RADIUS OF CURVATURE SHALL BE 750'-0" ON ARTERIALS AND 500'-0" ON COLLECTORS. MINIMUM CENTER LINE RADIUS ON OTHER STREETS SHALL BE 250'-0".

REVERSE CURVES

A TANGENT AT LEAST 100'-0" LONG SHALL BE INTRODUCED BETWEEN REVERSE CURVES ON STREETS IF THE RADII OF SUCH CURVES ARE LESS THAN 1000'-0".

REVERSE STRIPS

REVERSE STRIPS SHALL CONTROLLING ACCESS TO STREETS SHALL BE PROHIBITED EXCEPT UNDER CONDITIONS APPROVED BY THE PLANNING COMMISSION.

STREET GRADES

ALL STREET GRADES SHALL CONFORM TO THE REQUIREMENTS OF THE CITY ENGINEER. ALL ELEVATIONS SHALL BE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929, C.O.S. LOCAL ADJUSTMENT.

HALF-STREET PROHIBITED

HALF-STREETS SHALL PROHIBITED

REV. NO.	REV. DATE	REV. BY	STREET DESIGN STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
2	2/23/95	KB/DE		<i>Finbar J. O'Regan</i>	
DIGITIZED	7/1/92			DATE: 01/09/02	
DWG. BY	RC	SCALE	CITY OF STOCKTON <i>DEPARTMENT OF PUBLIC WORKS</i>	<i>SUPERCEDES</i>	<i>DRAWING NO.</i>
CK. BY		NONE		<i>DWG. DATED</i> 7/1/84	<i>7A</i>

(CONT'D FROM DWG. 7A)

STREET NAMES AND NUMBERS

NAMES OF NEW STREETS SHALL NOT DUPLICATE EXISTING OR PLATTED STREET NAMES UNLESS A NEW STREET IS A CONTINUATION OF, OR IN ALIGNMENT WITH THE EXISTING OR PLATTED STREET. HOUSE NUMBERS SHALL BE ASSIGNED IN ACCORDANCE WITH THE HOUSE NUMBERING SYSTEM IN EFFECT IN THE CITY.

ACCESS TO STREETS ACROSS DITCHES OR DRAINAGE CANALS

1. EXCEPT AS PROVIDED FOR IN CHAPTER 16 OF THE STOCKTON MUNICIPAL CODE, THE SUBDIVIDER SHALL PROVIDE RIGHT-OF-WAY AND MAKE PROVISIONS FOR IMPROVEMENTS FOR ALL STREETS AND STRUCTURES THAT CROSS DITCHES OR DRAINAGE CANALS LYING WITHIN HIS SUBDIVISION OR PORTION THEREOF.
2. SAID DITCHES AND CANALS SHALL BE CROSSED IN A MANNER APPROVED BY THE CITY ENGINEER.

***PRIVATE STREETS**

PRIVATE STREETS SHALL NOT BE PLATTED OR MAPPED IN A SUBDIVISION EXCEPT WITHIN A P.U.R.D. OR CONDOMINIUM PROJECT OR AS APPROVED BY THE PLANNING COMMISSION.

AVOIDANCE OF HARDSHIP TO ADJOINING PROPERTY OWNERS

THE STREET ARRANGEMENTS SHALL NOT BE SUCH AS TO CAUSE HARDSHIP TO OWNERS OF ADJOINING PROPERTY IN PLATTING THEIR OWN LAND AND PROVIDING CONVENIENT ACCESS TO IT.

ALLEYS

ALLEYS SHALL NOT BE PERMITTED IN RESIDENTIAL AREAS. ALLEYS SHALL BE PROVIDED IN COMMERCIAL AND INDUSTRIAL DISTRICTS, EXCEPT THAT THE CITY PLANNING COMMISSION MAY WAIVE THIS REQUIREMENT WHERE OTHER DEFINITE AND ASSURED PROVISIONS ARE MADE FOR THE SERVICE ACCESS, SUCH AS OFF-STREET LOADING, UNLOADING, AND PARKING CONSISTENT WITH, AND ADEQUATE FOR, THE USES PROPOSED. THE MINIMUM RIGHT-OF-WAY WIDTH OF AN ALLEY SHALL BE 20'-0". DEAD-END ALLEYS SHALL NOT BE PERMITTED.

VERTICAL ALIGNMENT

TOP OF CURB GRADES

GRADES SHALL NOT BE LESS THAN 0.35 PERCENT AND NOT GREATER THAN 6 PERCENT. WHERE MATCHING EXISTING CONTROLS, THE MINIMUM GRADE MAY BE REDUCED WITH THE APPROVAL OF THE CITY ENGINEER. THE MINIMUM TOP OF CURB ELEVATION SHALL BE 1'-0" ABOVE THE DESIGN WATER SURFACE OF THE MASTER PLAN STORM DRAINAGE BASIN TO WHICH THE PROPOSED IMPROVEMENTS ARE TRIBUTARY. THIS MINIMUM ELEVATION MAY BE OBTAINED FROM THE CITY ENGINEER FOR EXISTING BASINS. A MINIMUM TOP OF CURB ELEVATION OF 1'-0" ABOVE THE HYDRAULIC GRADE LINE SHALL BE MAINTAINED. GRADES ON OPPOSITE SIDES OF THE STREET SHALL BE THE SAME WHEREVER PRACTICAL. THE ALGEBRAIC DIFFERENCE OF THE CENTERLINE GRADES OF THE PAVEMENT SURFACE THROUGH AN INTERSECTION SHALL NOT BE MORE THAN 2 PERCENT. FLOW LINES SHALL BE SHOWN ON ALL INTERSECTIONS. SPOT ELEVATIONS SHALL BE SHOWN WITHIN INTERSECTIONS AS NEEDED.

* DEVIATION FROM THESE SECTIONS
REQUIRES PLANNING COMMISSION APPROVAL

REV. NO.	REV. DATE	REV. BY	STREET DESIGN STANDARDS	REVISION APPROVED BY CITY ENGINEER	
2	2/23/95	KB/DE		Finbar J. O'Regan	
DIGITIZED	7/1/92			DATE: 01/09/02	
DWG. BY	RC	SCALE	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	SUPERCEDES DWG. DATED	DRAWING NO.
CK. BY		NONE		7/1/84	7B

(CONT'D FROM DWG. 7B)

STRUCTURAL SECTION

PRIVATE STREET STRUCTURAL SECTIONS SHALL BE CONSTRUCTED TO PUBLIC STREET STANDARDS AND SHALL BE BASED ON A MINIMUM TI=5 AND R=5. PRIVATE STREETS SHALL BE PROVIDED WITH CITY STANDARD CONCRETE CURBS AND GUTTERS AND A MINIMUM WIDTH OF 30'-0" FROM CURB TO CURB.

VERTICAL CURVES

WHERE THE ALGEBRAIC DIFFERENCE IN SLOPE EXCEEDS 1 PERCENT, A VERTICAL CURVE SHALL BE USED. VERTICAL CURVE DESIGNS SHALL BE BASED ON CALTRANS STANDARDS.

CROSS-SLOPES

ON EXISTING STREETS, CROSS-SLOPES OF WIDENED AREAS SHALL BE 3 PERCENT MAXIMUM UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

TRAFFIC SIGNS AND MARKINGS

A TRAFFIC SIGNS AND MARKINGS PLAN AND INSTALLATION SHALL BE PROVIDED FOR ALL NEW ARTERIAL AND COLLECTOR STREETS AS DETERMINED BY THE CITY TRAFFIC ENGINEER. STRIPING FOR NEW STREETS JOINING AN EXISTING COLLECTOR OR ARTERIAL SHALL INCLUDE TRANSITION TO MATCH THE NEW AND EXISTING STRIPING. STRIPING MAY EXTEND BEYOND THE PROJECT LIMITS TO PROVIDE PROPER LANE TRANSITION AS REQUIRED BY THE CITY TRAFFIC ENGINEER. THE TRAFFIC CONTROL DEVICES AND PAVEMENT MARKERS TO BE SHOWN ON THIS PLAN SHALL BE INSTALLED PER APPROPRIATE SECTIONS OF THE LATEST EDITION OF THE CALTRANS TRAFFIC MANUAL.

STREET MICROSURFACING

THE PAVEMENT SECTION FOR ALL NEW STREETS SHALL INCLUDE A MICROSURFACING LAYER AS PER SECTION 101 OF THE STANDARD SPECIFICATIONS. THIS LAYER SHALL BE INSTALLED WHEN EITHER: 1) 80% OF THE PROPERTIES FRONTING THE NEW STREET HAVE BEEN DEVELOPED AND OCCUPIED, OR 2) THE TOP LAYER OF ASPHALT CONCRETE ON THE NEW STREET HAS BEEN IN PLACE FOR TWO YEARS.

SIDEWALKS

ALL NEW SIDEWALKS SHALL BE A MINIMUM OF 6" THICK PORTLAND CEMENT CONCRETE.

REV. NO.	REV. DATE	REV. BY	STREET DESIGN STANDARDS	REVISION APPROVED BY CITY ENGINEER	
2	2/23/95	KB/DE		Finbar J. O'Regan	
DIGITIZED		7/1/92	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	DATE:	01/09/02
DWG. BY	RC	SCALE		SUPERCEDES DWG. DATED	DRAWING NO.
CK. BY		NONE		7/1/84	7C

IMPROVEMENT PLAN STANDARDS

ALL IMPROVEMENT PLANS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS AND INCLUDE THE FOLLOWING DETAILED INFORMATION:

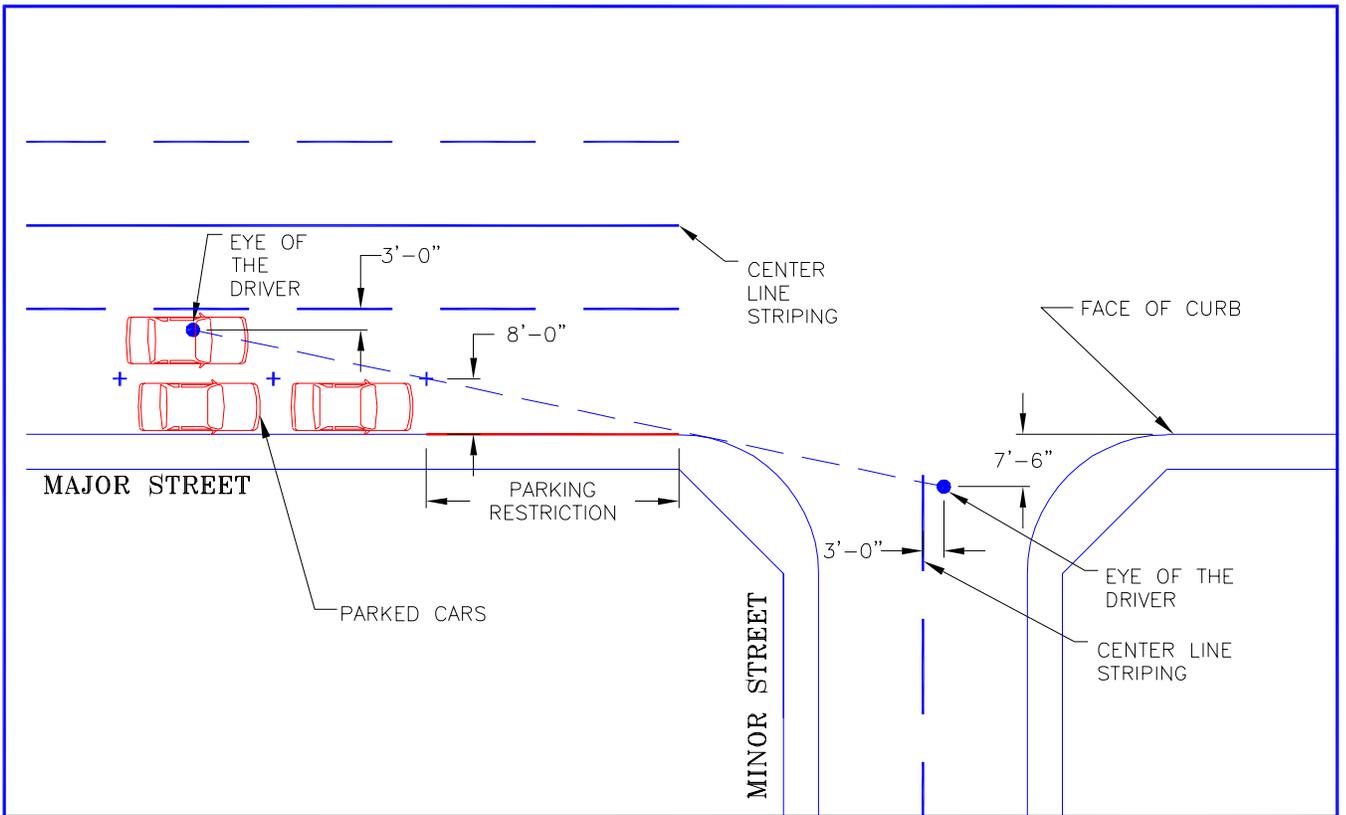
1. ALL STREETS AND CUL-DE-SAC SHALL SHOWN CENTER LINE STATIONING. STATIONING SHALL BE TIED OR REFERENCE TO EXISTING MONUMENTS OR OTHER PERMANENT REFERENCE POINTS. EQUATIONS SHALL BE SHOWN AT ALL CENTER LINE INTERSECTIONS.
2. CENTER LINE MONUMENTS IN ACCORDANCE WITH STANDARD DRAWING NO. 122 SHALL BE SET AT THE BEGINNING AND END OF EACH CURVE, AT ALL INTERSECTIONS, AND AT THE ENDS OF ALL CUL-DE-SACS. STATE PLANE COORDINATES BASED ON CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3, SHALL BE SHOWN FOR ALL NEW AND EXISTING CENTERLINE MONUMENTS.
3. STREET PLAN SHALL SHOW LOCATION OF UNDERGROUND SANITARY SEWER, STORM DRAIN, IRRIGATION SYSTEM, AND WATER LINES. LOCATION OF LINES SHALL BE REFERENCED TO STREET CENTER LINE. MAINTENANCE HOLES, CATCH BASINS, TEES, VALVES, AND ANY OTHER FITTINGS TOGETHER WITH ANY ANGLE POINTS IN THE LINES SHALL BE REFERENCED TO THE APPROPRIATE CENTER LINE STATION.
4. STREET PLAN SHALL SHOW SIZE AND LENGTH OF PIPES BETWEEN MAINTENANCE HOLES, CATCH BASINS, AND/OR VALVES. WHERE A SPECIFIC TYPE OF PIPE IS TO BE INSTALLED, SUCH TYPE SHALL ALSO BE INDICATED.
5. STREET PLAN SHALL ALSO SHOW TYPE OF CURB, GUTTER AND SIDEWALK TO BE INSTALLED AND TOP OF CURB ELEVATIONS AT THE BEGINNING AND END OF EACH CURB RETURN. EACH CATCH BASIN AND ANY GRADE BREAKS SHALL BE INDICATED. GRADE BREAKS SHALL BE STATIONED.
6. EXISTING UTILITY INSTALLATIONS SHALL BE SHOWN AS DETAILED ABOVE.
7. STREET PROFILE SHEETS SHALL SHOW THE SIZE, LENGTH, SLOPE, TYPE, STATION AND ELEVATION OF ALL EXISTING AND PROPOSED SANITARY SEWER, STORM DRAIN, IRRIGATION AND WATER PIPE LINES. INVERT ELEVATIONS AT THE ENDS OF EACH PIPE AND AT MAINTENANCE HOLES AND CATCH BASINS SHALL BE INDICATED. MAINTENANCE HOLE'S RIM ELEVATIONS SHALL BE SHOWN. THE STATION AND ELEVATION OF HORIZONTAL AND VERTICAL BENDS SHALL BE SHOWN. CATCH BASIN RUNS SHALL BE SHOWN ON ALL SHEETS.
8. STREET PROFILE SHALL SHOW THE EXISTING GROUND PROFILE AND THE DATE AT WHICH THE PROFILE WAS TAKEN. PROFILES OF THE EXISTING AND PROPOSED CURB AND GUTTERS SHALL BE SHOWN. PROFILES SHALL SHOW THE SLOPE TOGETHER WITH THE ELEVATION AND STATIONING AT EACH BREAK AND AT THE BEGINNING AND END OF EACH CURB RETURN.
9. IMPROVEMENT PLAN STANDARDS FOR STREET LIGHTING WORK SHALL CONFORM TO STANDARD PLANS NO. 109 THROUGH 115A.
10. ALL ELEVATIONS SHALL BE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND C.O.S. LOCAL ADJUSTMENT. THE PRIMARY BENCH MARK SHALL BE SHOWN AND DESCRIBED ON THE TITLE SHEET.
11. A MINIMUM OF ONE TEMPORARY BENCH MARK SHALL BE INDICATED ON EACH SHEET OF THE PLANS. EACH TEMPORARY BENCH MARK SHALL HAVE BEEN CONVENIENTLY LOCATED FOR USE IN CONSTRUCTING THE IMPROVEMENTS ON THAT PARTICULAR SHEET.
12. AT THE CONCLUSION OF CONSTRUCTION, AS-BUILT CONSTRUCTION DATA ON FACILITIES WHICH ARE TO BE EXTENDED IN THE FUTURE SHALL BE ADDED TO THE IMPROVEMENT PLANS.
13. HORIZONTAL AND VERTICAL SCALES SHALL BE SHOWN ON EACH OF THE IMPROVEMENT PLANS.

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	IMPROVEMENT PLAN STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
2	6/1/2000	HLE/RH		<i>Finbar J. O'Regan</i> <i>DATE: 01/09/02</i>	
<i>DIGITIZED</i>		1/1/92	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>SUPERCEDES</i>	<i>DRAWING NO.</i>
<i>DWG. BY</i>	RC	<i>SCALE</i>		<i>DWG. DATED</i>	8
<i>CK. BY</i>		NONE		2/23/95	

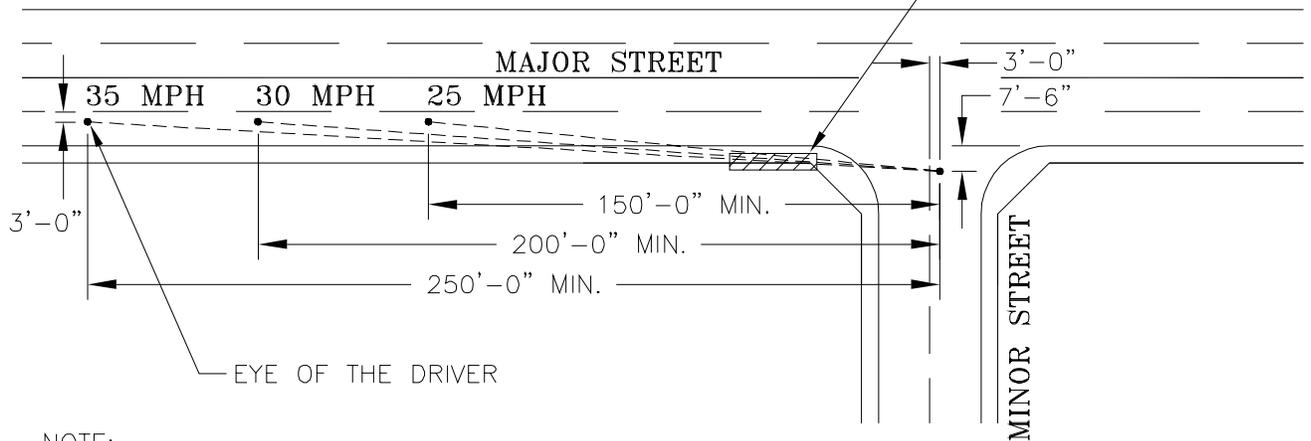
(CONT'D FROM DWG. 8)

14. SLOPES IN THE INTERSECTIONS SHALL BE SHOWN IN BOTH PLAN AND PROFILE VIEW WITH SUFFICIENT DETAIL FOR THE CITY ENGINEER TO DETERMINE THE DRAINAGE CHARACTERISTICS OF THE INTERSECTION. EXISTING CONDITIONS SHALL BE SHOWN A MINIMUM OF 100'-0" OR AS DETERMINED BY THE CITY ENGINEER, BEYOND THE LIMITS OF CONSTRUCTION IN BOTH THE PLAN AND PROFILE VIEW. PAVEMENT PROFILES SHALL BE SHOWN IN THE PROFILE VIEW FOR INTERSECTIONS AND IN CUL-DE-SAC BULBS. EACH END OF CURB RETURN SHALL BE SHOWN WITH STATIONS AND ELEVATIONS IN THE PROFILE VIEW. WHERE THE CITY ENGINEER DEEMS IT APPROPRIATE, INTERSECTIONS SHALL BE DETAILED SEPARATELY.
15. PLAN FEATURES INCLUDING THE CENTERLINE, EDGE OF PAVEMENT, PROPOSED TOP OF CURB ELEVATIONS, AND EXISTING/PROPOSED CROSS SLOPES, SHALL BE SHOWN IN THE PLAN VIEW AT 50'-0" INTERVALS WHERE PROPOSED PROJECTS ABUT EXISTING STREETS.
16. ALL UNDERGROUND STRUCTURES SHALL BE STATIONED IN THE PROFILE VIEW. WHEN A NON-STANDARD STRUCTURE OR SITUATION IS PLANNED. DETAILS SHALL BE INCLUDED ON THE IMPROVEMENT PLANS AND SUPPORTING CALCULATIONS AND DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY ENGINEER.
17. LANDSCAPE PLANS SHALL BE INCORPORATED INTO IMPROVEMENT PLANS AND SUBMITTED ALONG WITH SUCH PLANS.
18. ALL STREET AND UTILITY PLANS SHALL SHOW EXISTING CITY STREET TREES AND ALL OAK TREES WITH A DIAMETER OF 6" OR GREATER AS MEASURED AT 2'-0" ABOVE EXISTING GRADE.

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	IMPROVEMENT PLAN STANDARDS	<i>REVISION APPROVED BY CITY ENGINEER</i>	
3	6/1/2003	HL/EA		Finbar J. O'Regan DATE: 11/25/03	
<i>DIGITIZED</i>		1/1/92	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>SUPERCEDES</i>	<i>DRAWING NO.</i>
<i>DWG. BY</i>	RC	<i>SCALE</i>		<i>DWG. DATED</i>	8A
<i>CK. BY</i>		NONE		01/09/02	



NO FIXED OBSTRUCTION GREATER THAN 3'-0" HIGH SHALL BE PLACED IN CONFLICT WITH THE LINE OF SIGHT AS DETERMINED BY THE CITY TRAFFIC ENGINEER



NOTE:

1. FOR OTHER SPEEDS, REFER TO TABLE 1 ON DRAWING NO. 9A.
2. REFER TO STOCKTON MUNICIPAL CODES FOR LANDSCAPING STANDARDS.

REV. NO.	REV. DATE	REV. BY	CORNER SIGHT DISTANCE	NEW DRAWING APPROVED BY CITY ENGINEER	
	6/1/2000	HLE/RH		Finbar J. O'Regan	
DIGITIZED	9/22/98		CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	DATE: 01/09/02	
DWG. BY	HLE	SCALE		SUPERCEDES	DRAWING NO.
CK. BY		NONE		DWG. DATED	9

(CONT'D FROM DWG. 9)

MINIMUM CORNER SIGHT DISTANCE FOR STOCKTON, CALIFORNIA

REFER TO CORNER SIGHT DISTANCE ON STANDARD DRAWING FOR SOUNDWALLS (EXISTING DRAWING 125). THE MINIMUM VALUE SHALL BE THE STOPPING SIGHT DISTANCE GIVEN IN THE FOLLOWING TABLE. THIS TABLE IS FOR FLAT TERRAIN.

TABLE 1:

<u>DESIGN SPEED (MPH)</u>	<u>SIGHT STOPPING DISTANCE* (FEET)</u>
20	125
25	150
30	200
35	250
40	300
45	360
50	430

THE STOPPING SIGHT DISTANCE GIVEN IN THE ABOVE TABLE IS MEASURED FROM A 3'-6" EYE HEIGHT ON THE MINOR ROAD TO A 4'-3" OBJECT HEIGHT ON THE MAJOR STREET. LOCATION OF THE DRIVER'S EYE IS 7'-6" BACK FROM THE FACE OF CURB (FRONT OF VEHICLE TO DRIVER) AND 3'-0" TO THE RIGHT OF THE NUMBER ONE LANE LINE. SEE DIAGRAM.

* A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, AASHTO 1990 TABLE III-1 PAGE 120.

<i>REV. NO.</i>	<i>REV. DATE</i>	<i>REV. BY</i>	CORNER SIGHT DISTANCE	<i>NEW DRAWING APPROVED BY CITY ENGINEER</i>	
	6/1/2000	HLE/RH		Finbar J. O'Regan DATE: 01/09/02	
<i>DIGITIZED</i>	9/22/98		CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	<i>SUPERCEDES DWG. DATED</i>	<i>DRAWING NO.</i>
<i>DWG. BY</i>	HLE	<i>SCALE</i>			9A
<i>CK. BY</i>		NONE			