

NOTE

- ① MINIMUM PAVEMENT THICKNESS TO BE AS FOLLOWS:
 HMA, CLASS 1/2" AT 2" MINIMUM COMPACTED DEPTH OVER,
 ATB, AS PER WSDOT STD 4-06, AT 4" MINIMUM COMPACTED DEPTH OVER,
 CSTC, 2" MINIMUM COMPACTED DEPTH OVER,
 CSBC, 12" MINIMUM COMPACTED DEPTH OVER,
 NATIVE GROUND.

City of Pacific

Major Arterial Street Section

DRAWING NO.
ST-1
Major Art

APPROVED:

DATE:

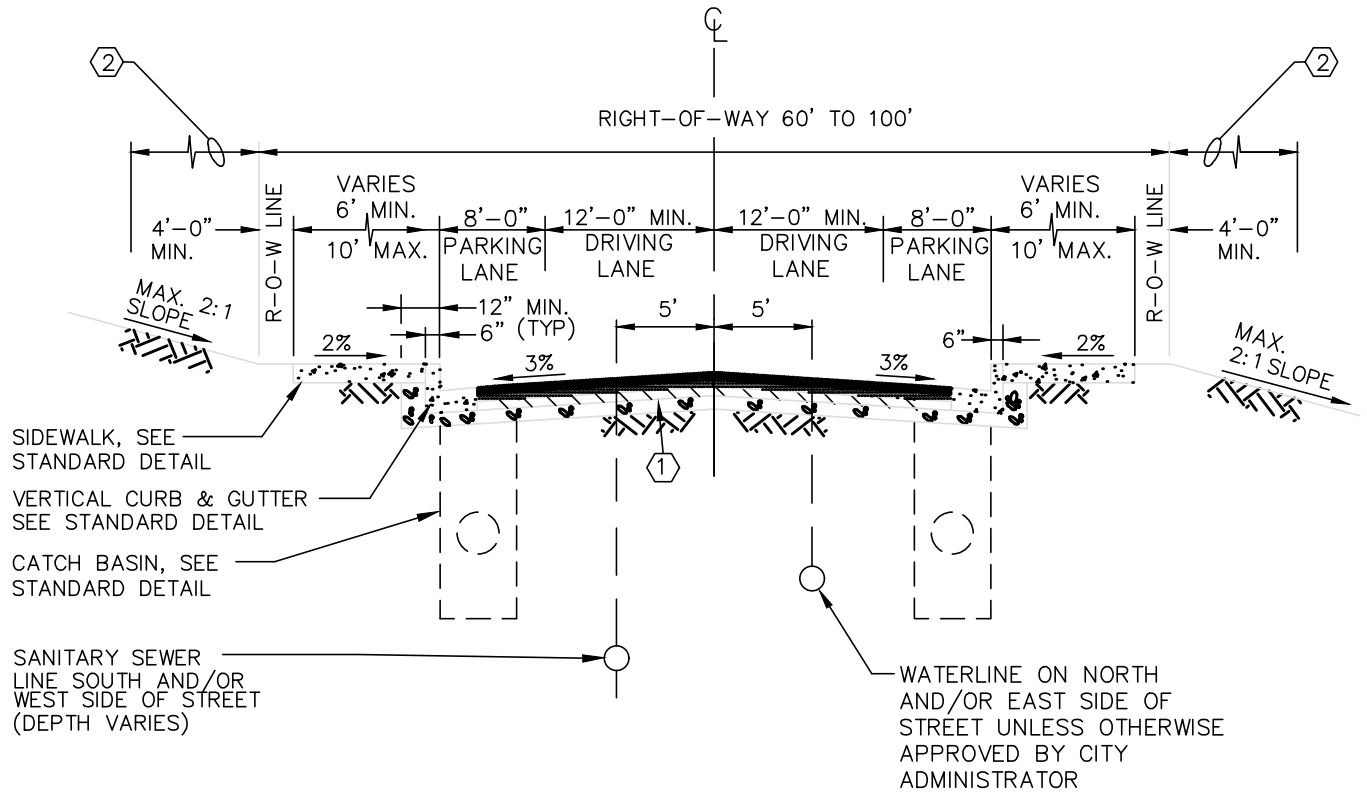
DATE:
4/2018

DRAWN:
CBH

CHECKED:
JJM

SCALE:
None

APPROVED BY PUBLIC WORKS
SUB-COMMITTEE ON _____.



NOTE

① MINIMUM PAVEMENT THICKNESS TO BE AS FOLLOWS:
 HMA, CLASS 1/2" AT 2" MINIMUM COMPACTED DEPTH OVER,
 ATB, AS PER WSDOT STD 4-06, AT 4" MINIMUM COMPACTED DEPTH OVER,
 CSTC, 2" MINIMUM COMPACTED DEPTH OVER,
 CSBC, 12" MINIMUM COMPACTED DEPTH OVER,
 NATIVE GROUND.

② 10' ROAD AND/OR UTILITY EASEMENT REQUIRED
 (BOTH SIDES)

City of Pacific

Minor Arterial Street Section

DRAWING NO.
ST-2
Minor Art.

APPROVED:

DATE:

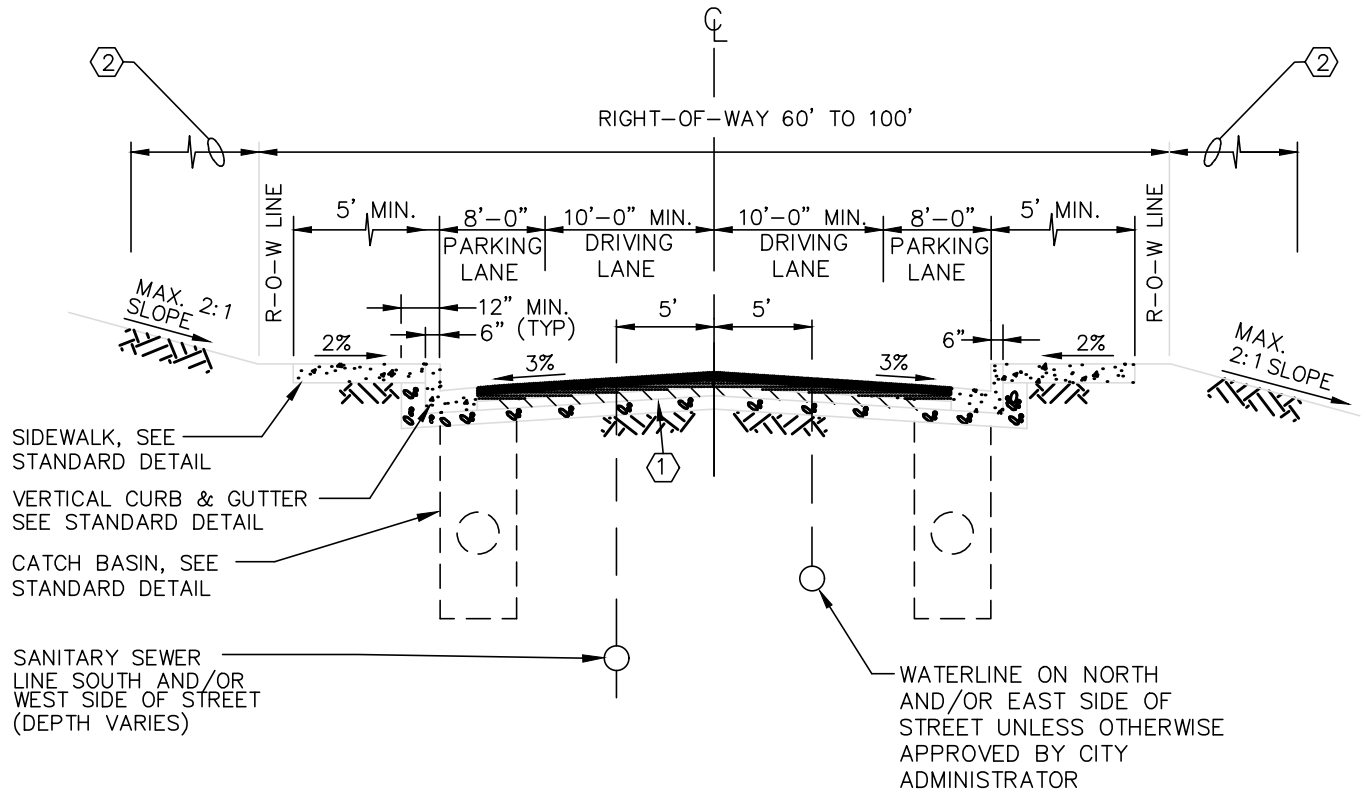
DATE:
4/2018

DRAWN:
CBH

CHECKED:
JJM

SCALE:
None

APPROVED BY PUBLIC WORKS
SUB-COMMITTEE ON _____.



NOTE

① MINIMUM PAVEMENT THICKNESS TO BE AS FOLLOWS:
 HMA, CLASS 1 1/2" AT 2" MINIMUM COMPACTED DEPTH OVER,
 ATB, AS PER WSDOT STD 4-06, AT 4" MINIMUM COMPACTED DEPTH OVER,
 CSTC, 2" MINIMUM COMPACTED DEPTH OVER,
 CSBC, 12" MINIMUM COMPACTED DEPTH OVER,
 NATIVE GROUND.

② 5' ROAD AND/OR UTILITY EASEMENT REQUIRED
 (BOTH SIDES)

City of Pacific

Collector Street Section

DRAWING NO.
ST-2A
Collector

APPROVED:

DATE:

DATE:
8/96

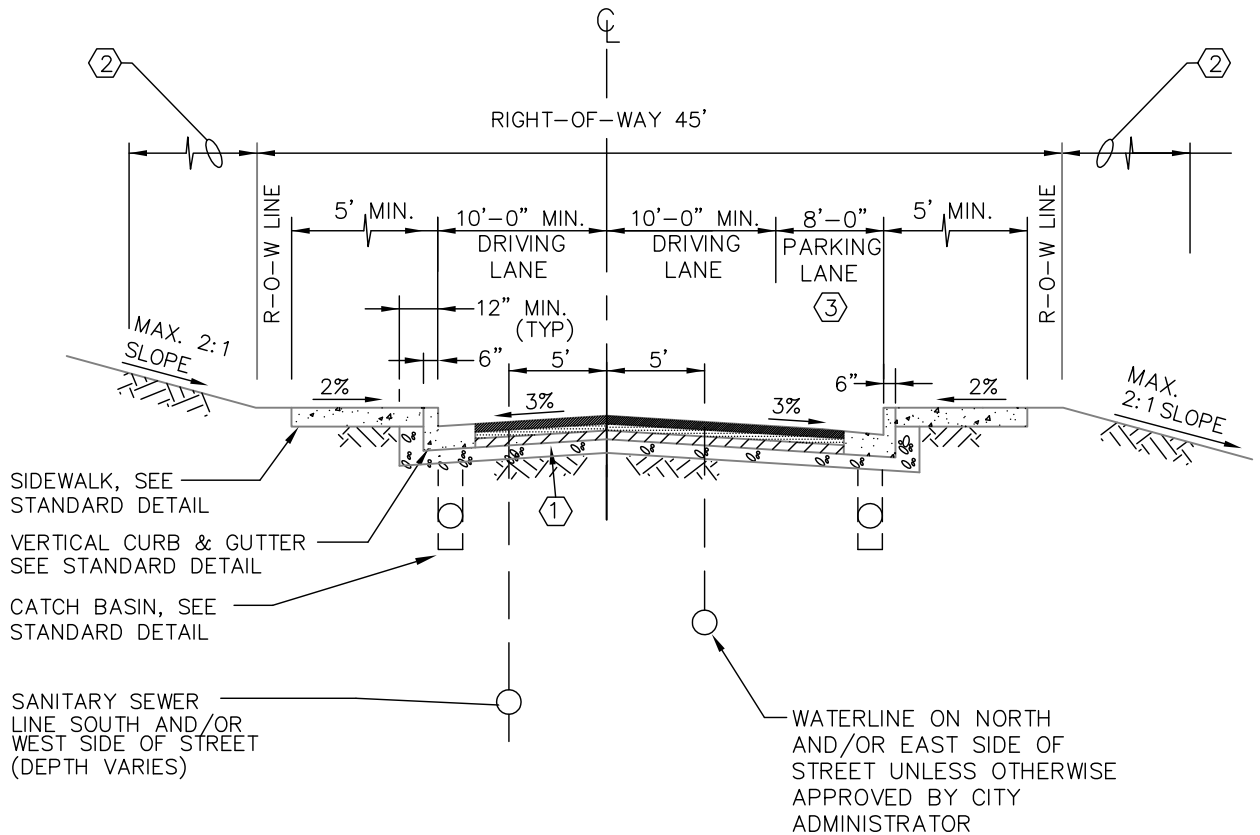
DRAWN:
CBH

CHECKED:
JJM

SCALE:
None

Approved by Public Works
Sub-Committee on

SCALE:
None



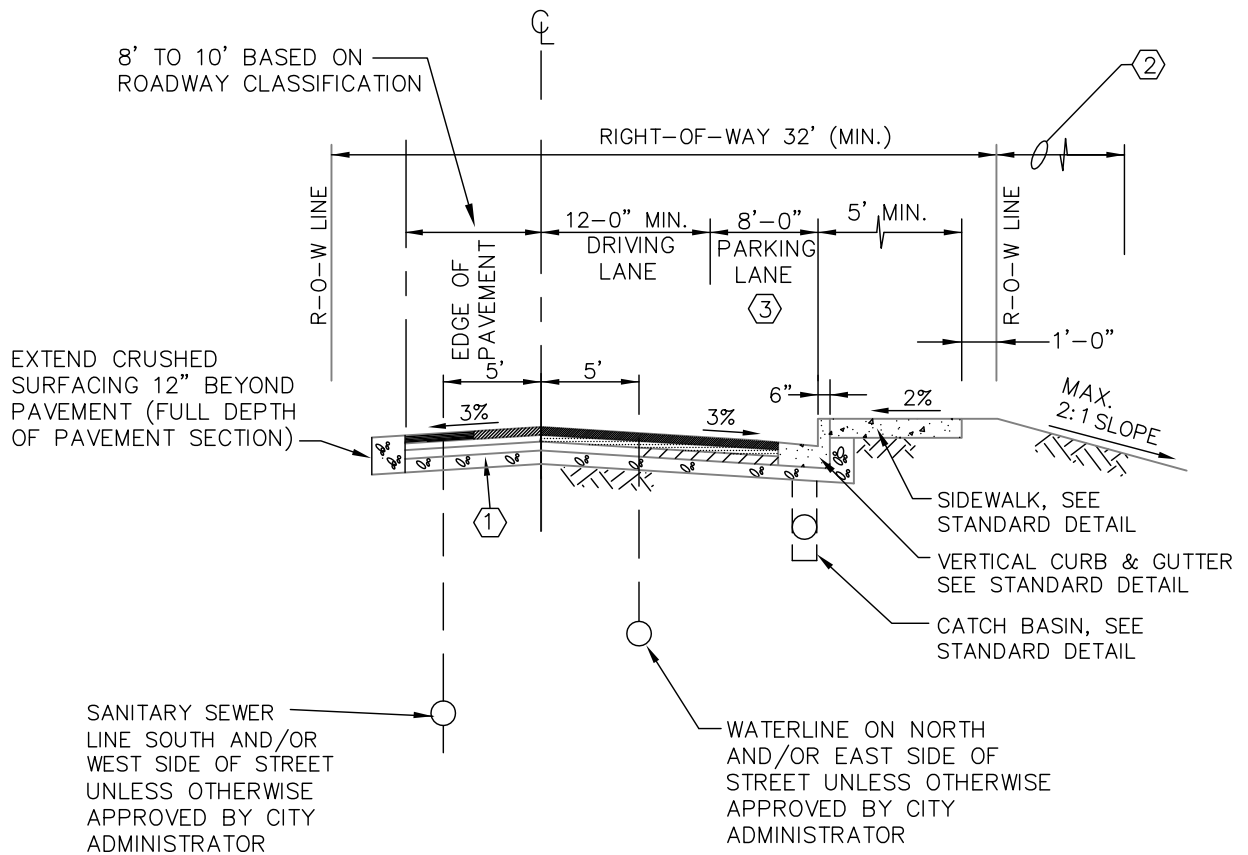
NOTE

- ① PAVEMENT DESIGN BY CURRENT WASHINGTON STATE LICENSED CIVIL ENGINEER AND AS APPROVED BY THE CITY ENGINEER.
- ② 5' ROAD AND/OR UTILITY EASEMENT REQUIRED (BOTH SIDES)
- ③ CITY TO DETERMINE WHICH SIDE OF STREET TO INSTALL PARKING STRIP.

City of Pacific

Minor Access Street Section

APPROVED: _____			DRAWING NO. ST- Minor Acc
DATE: 8/96	DRAWN: JH	CHECKED: TJO	SCALE: None



NOTE

- ① PAVEMENT DESIGN BY CURRENT WASHINGTON STATE LICENSED CIVIL ENGINEER AND AS APPROVED BY THE CITY ENGINEER.
- ② 5' ROAD AND/OR UTILITY EASEMENT REQUIRED (BOTH SIDES)
- ③ CITY TO DETERMINE WHICH SIDE OF STREET TO INSTALL PARKING STRIP.
- ④ PARKING SHALL BE ALLOWED ONLY ON ONE SIDE OF THE ROADWAY. APPROPRIATELY LOCATED "NO PARKING" SIGNAGE SHALL BE PROVIDED AS DIRECTED BY THE CITY.

City of Pacific

Half-Street Section

APPROVED:

DATE:

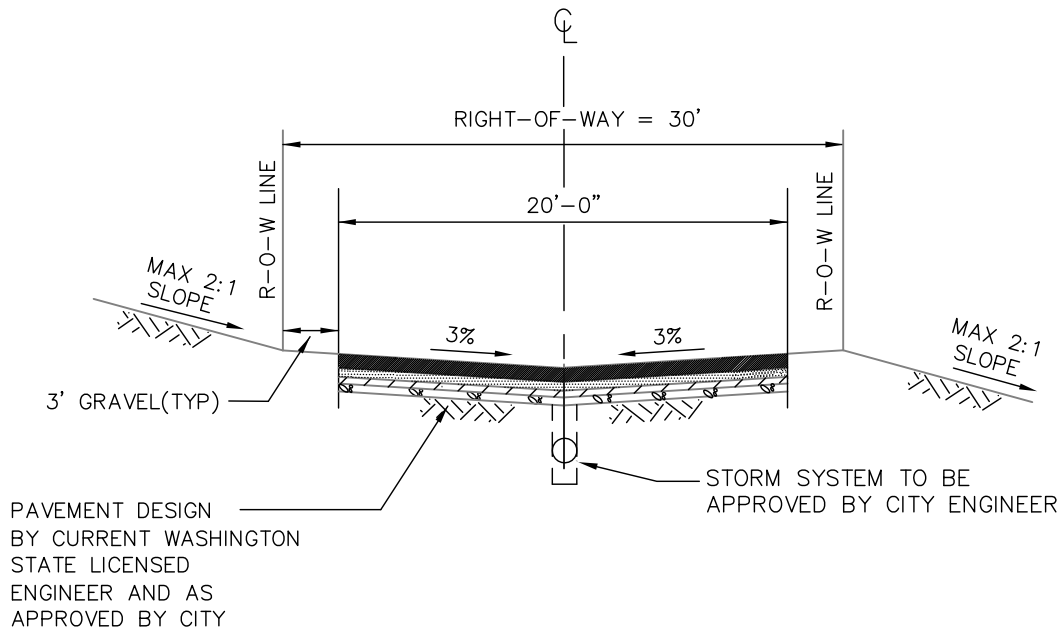
DATE:
8/96

DRAWN:
JH

CHECKED:
TJO

DRAWING NO.
ST-
Half

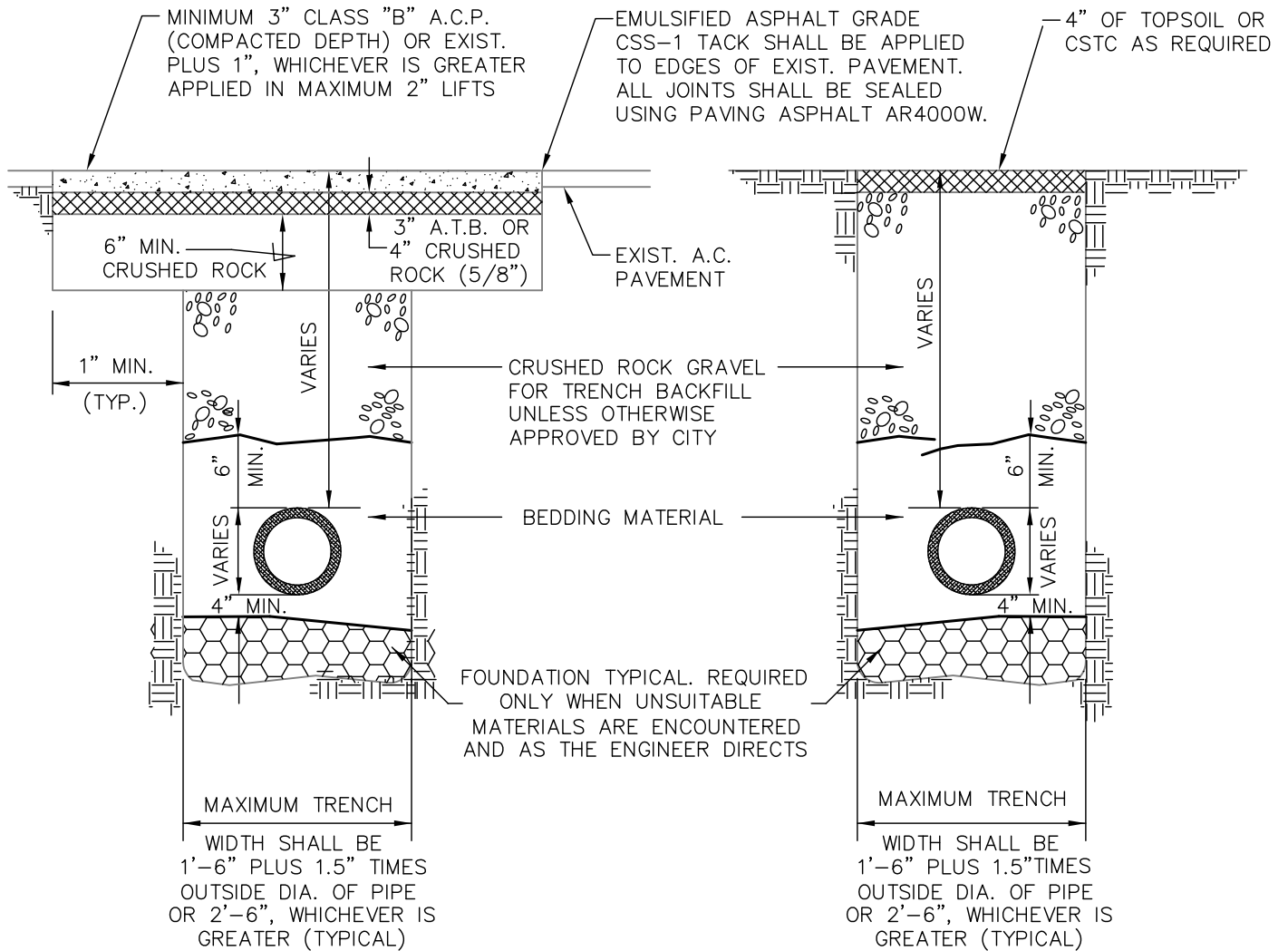
SCALE:
None



City of Pacific

Alley Section / Private Road

APPROVED: _____			DRAWING NO. ST – Alley/Private
DATE: 8/96	DRAWN: TJO	CHECKED: JH	SCALE: None



NOTES:

1. ALL MATERIALS EXCEPT A.C.P. AND BEDDING MATERIAL SHALL BE COMPACTED IN 6-INCH MAXIMUM LIFTS TO 95% DENSITY.
2. BEDDING SHALL CONFORM TO CITY STANDARDS OF STANDARD SPECIFICATIONS.
3. COMPACTION: BEDDING SHALL BE COMPACTED TO 95% MAX. AS DETERMINED BY ASTM D1557. BACKFILL SHALL BE COMPACTED TO 85% IN UNPAVED AREA, AND 95% IN PAVED OR SHOULDER AREAS AS DETERMINED BY ASTM D1557.
4. ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AS AMENDED BY CITY STANDARDS.
5. KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. A BELL JOINT SHALL BE REQUIRED AT EACH JOINT FOR PROPER SUPPORT. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.

City of Pacific

Trench Pavement Restoration

DRAWING NO.

ST-Util
Patch

APPROVED:

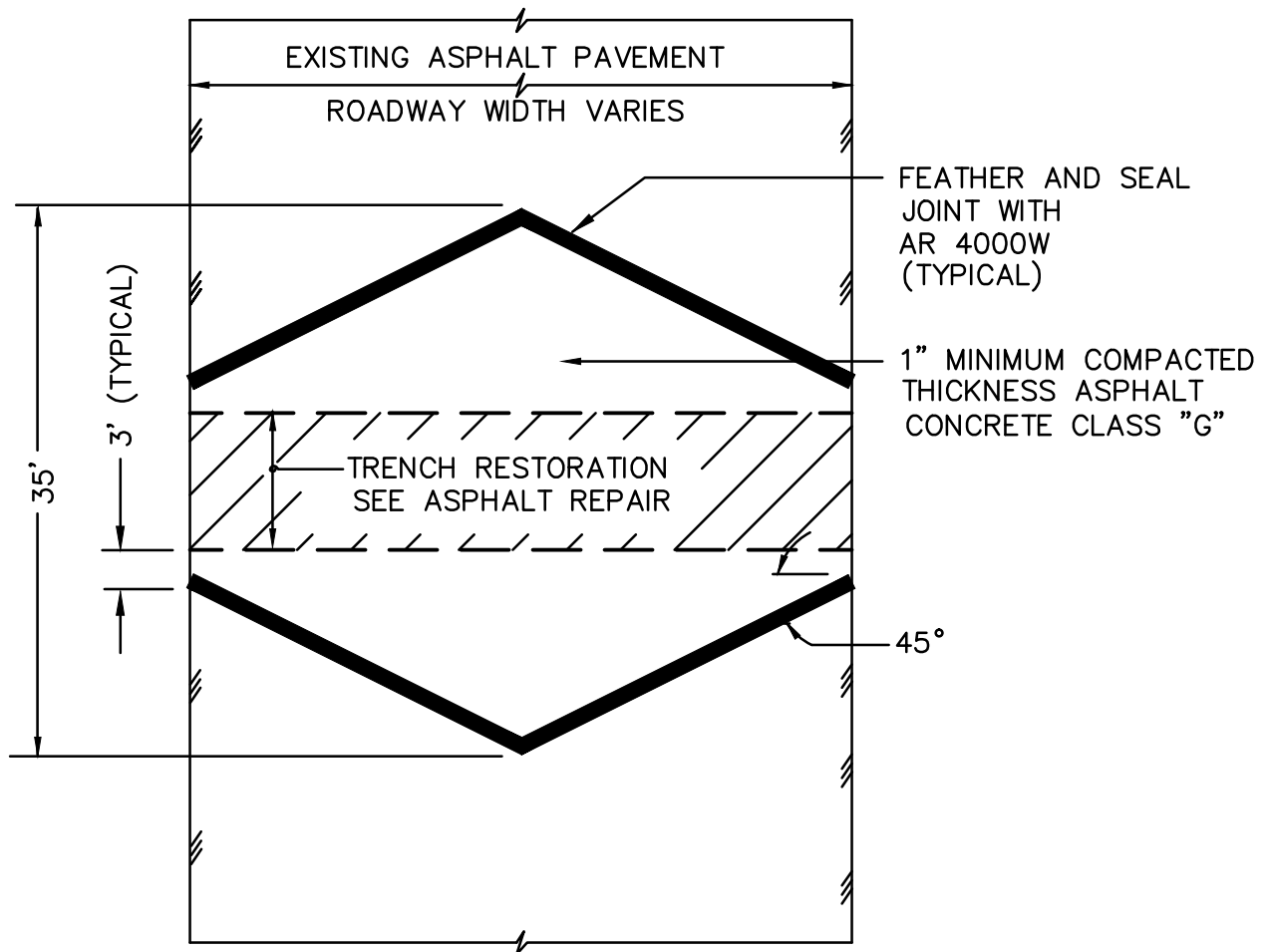
DATE:

DATE:
8/96

DRAWN:
J.H.

CHECKED:
T.J.O.

SCALE:
None



City of Pacific

Asphalt Diamond Patch

APPROVED:

DATE:

DATE:
8/96

DRAWN:
JH

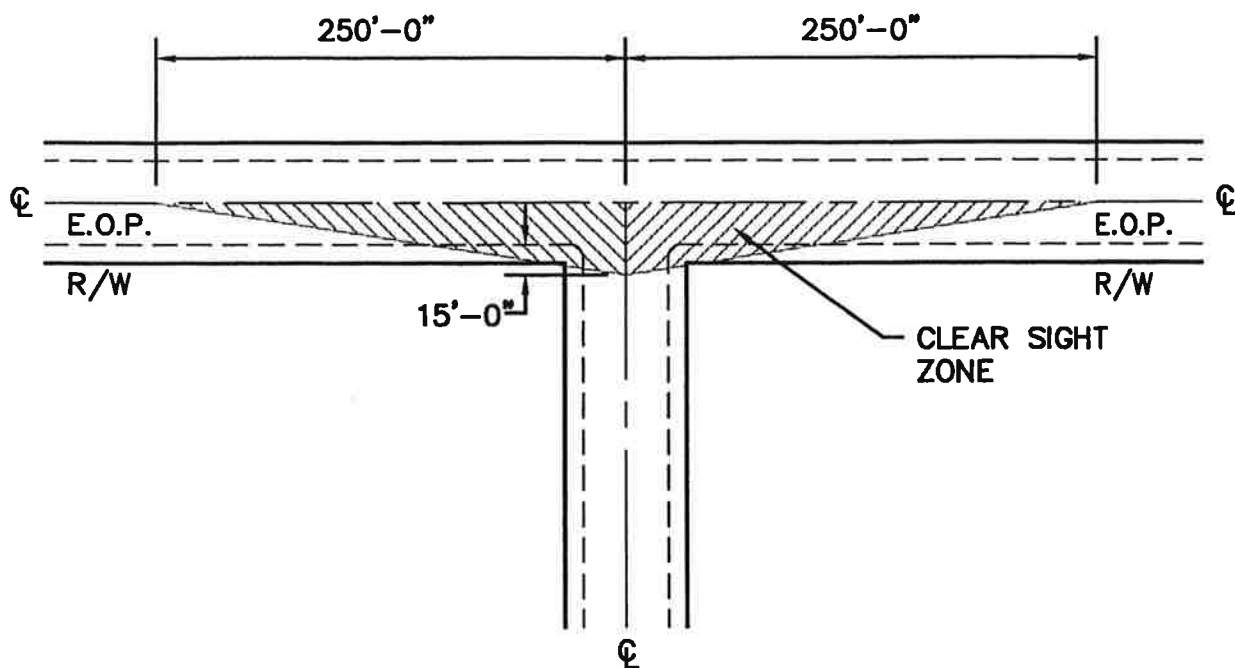
CHECKED:
TJO

DRAWING NO.
ST-
Diamond Patch

SCALE:
None

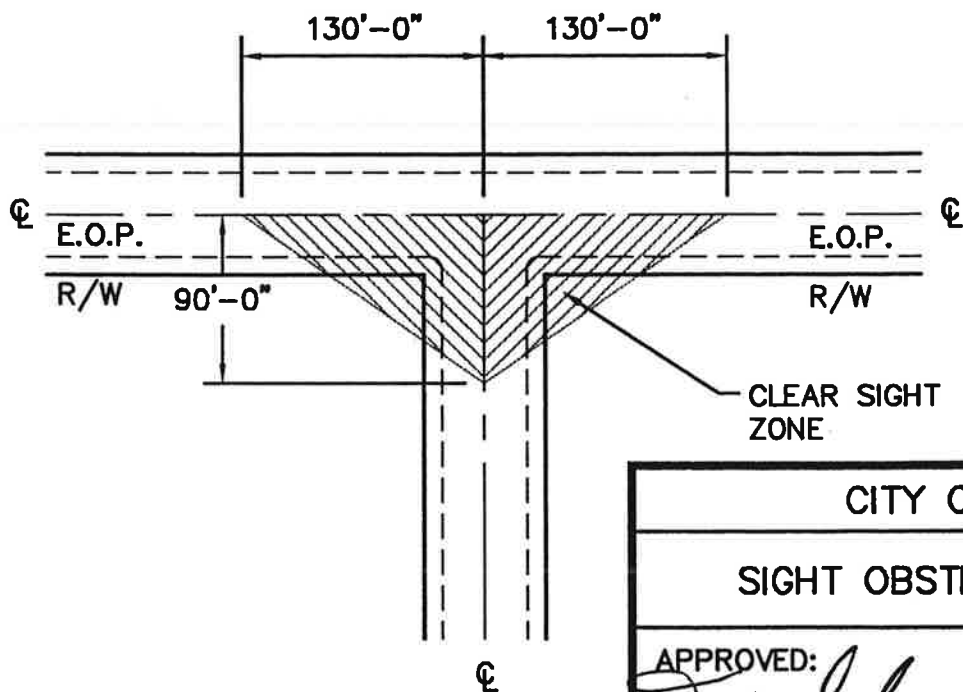
STOP OR YEILD CONTROLLED INTERSECTIONS

EXAMPLE: MAJOR STREET SPEED LIMIT = 25 M.P.H.

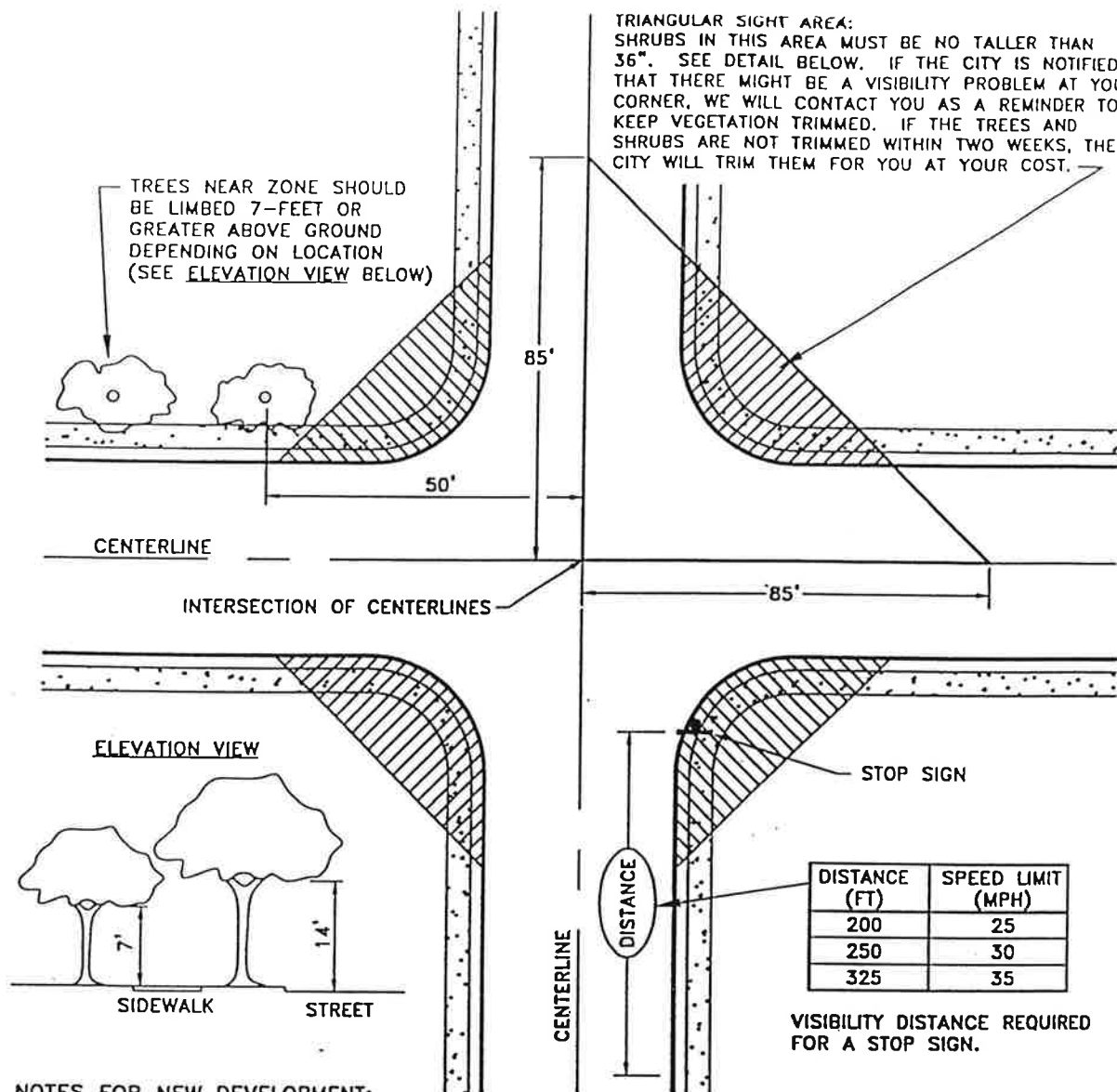


UNCONTROLLED INTERSECTIONS

EXAMPLE: MAJOR STREET SPEED LIMIT = 30 M.P.H.
MINOR STREET SPEED LIMIT = 20 M.P.H.



CITY OF PACIFIC			
SIGHT OBSTRUCTION DETAIL			
APPROVED: <i>T. J. O.</i>		DWG. NO. ST-6	
BY CITY		DATE 3-8-97	
DATE: 8/96	DRWN: J.H.	CHKD: T.J.O.	SCALE: NONE



NOTES FOR NEW DEVELOPMENT:

1. TREES SHALL NOT BE PLACED IN SUCH A WAY THAT THEY IMPEDE THE SAFE FLOW OF TRAFFIC BY BLOCKING THE VIEW OF TRAFFIC SIGNS, AND/OR IMPEDE PEDESTRIANS AND VEHICLES. ABOVE ARE CITY VISIBILITY STANDARDS.
2. ALL BOULEVARD TREES SHALL BE PLANTED BEHIND THE SIDEWALK. PLANTER STRIPS SHALL ONLY CONTAIN UTILITIES, SIGNS, GRASS AND/OR LOW GROWTH SHRUBS, UNLESS APPROVED OTHERWISE BY THE CITY ENGINEER.
3. LANDSCAPER SHALL COORDINATE WITH SIGN INSTALLER TO ASSURE NO CONFLICT BETWEEN THE TWO WILL BE CREATED.

NOTES FOR EXISTING VEGETATION:

1. OVERGROWN VEGETATION IMPEDES THE SAFE FLOW OF TRAFFIC WHEN IT BLOCKS OUR VIEW OF TRAFFIC SIGNS, PEDESTRIANS AND OTHER VEHICLES. IF EXISTING VEGETATION IS BLOCKING VISIBILITY IN THE STREET OR AN INTERSECTION, IT IS YOUR RESPONSIBILITY AS THE ADJACENT PROPERTY OWNER OR RESIDENT TO TRIM THE VEGETATION ABOVE ARE CITY VISIBILITY STANDARDS. TO DETERMINE WHICH ONE APPLIES TO YOUR STREET, FIND THE SPEED LIMIT FOR YOUR STREET IN THE CHART ABOVE. RESIDENTIAL STREETS ARE 25 MPH, UNLESS OTHERWISE POSTED.
2. TO ENSURE SAFE PASSAGE FOR EVERYONE, TREE LIMBS OVER STREETS MUST BE LIMBED UP 14 FEET. LIMBS OVER SIDEWALKS MUST BE LIMBED UP 7 FEET.

CITY OF PACIFIC

SIGHT DISTANCE CONTINUED

APPROVED:

[Signature]

3-22-99

DWG. NO.

*

BY CITY

DATE

DATE:

3/99

DRWN:

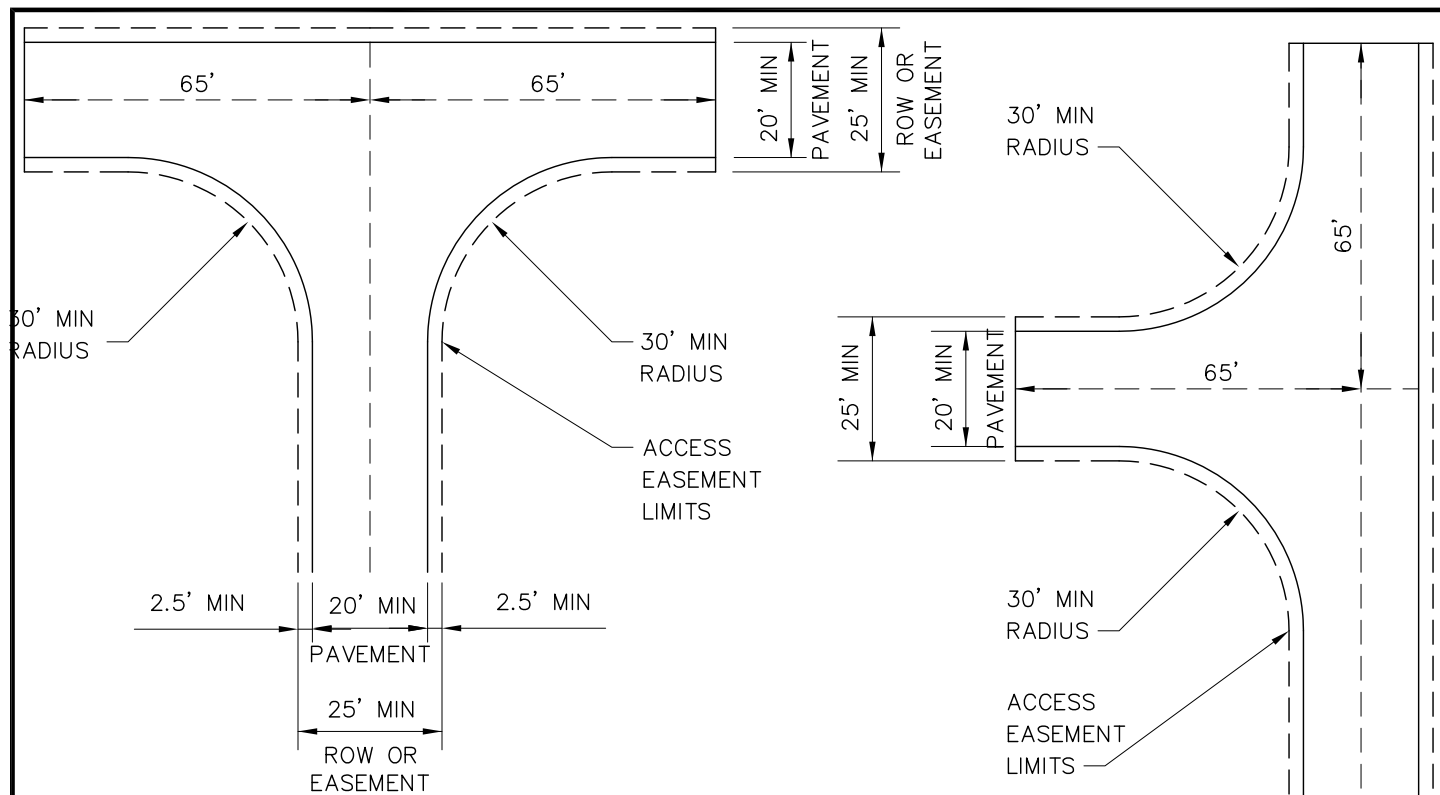
S.N.

CHKD:

T.J.O.

SCALE:

NONE



NOTES:

1. THIS ACCESS TURNAROUND SHALL ONLY BE UTILIZED IF SPECIFICALLY APPROVED IN WRITING BY THE CITY FIRE MARSHALL.
2. THESE DRAWINGS ILLUSTRATE TYPICAL APPROVED FIRE APPARATUS ACCESS TURNAROUNDS. THE SIDE ACCESS DESIGN MAY BE RIGHT OR LEFT (LEFT DIRECTION SHOWN).
3. ALL DIMENSIONS ARE MINIMUM REQUIREMENTS.
4. OTHER SHAPED ACCESS TURNAROUNDS ARE AN ACCEPTABLE ALTERNATIVE TO THOSE SHOWN, PROVIDED THE DESIGN MEETS THE MINIMUM DIMENSION REQUIREMENTS SHOWN ABOVE.
5. THE ALTERNATIVE FIRE ACCESS TURNAROUND SHALL BE MARKED AS A FIRE LANE IN ACCORDANCE WITH K.C.C. 17.04.070.
6. MINIMUM ROAD WIDTH SHOWN DOES NOT INCLUDE ANY SHOULDER DIMENSIONS OR CURB DIMENSIONS IF REQUIRED.

PACIFIC FIRE DEPT CRITERIA:

- A. ALL LEGS OF THE TURNAROUND SHALL BE A MINIMUM OF 20 FEET OF UNDISTURBED PAVEMENT WIDTH IN A 25' ACCESS AND UTILITY EASEMENT OR TRACT.
- B. THERE SHALL BE A MINIMUM OF 30 FEET INSIDE RADIUS BETWEEN THE FIRE ACCESS ROAD AND THE LEGS.
- C. THERE SHALL BE A MINIMUM OF 65 FEET FROM THE INTERSECTION OF THE CENTERLINE OF THE FIRE APPARATUS ACCESS ROAD AND THE CENTERLINE OF THE LEG TO THE END OF ALL LEGS.
- D. THE ALTERNATIVE FIRE APPARATUS ACCESS TURNAROUND SHALL BE MARKED AS A FIRE LANE PER CITY FIRE MARSHALL.
- E. THE ALTERNATIVE FIRE APPARATUS ACCESS TURNAROUND SHALL MEET THE SAME GRADE AND SURFACING STANDARDS APPLIED TO FIRE ACCESS ROADS.
- F. THE MAXIMUM CROSS SLOPE ON AN ALTERNATIVE FIRE APPARATUS ACCESS TURNAROUND SHALL NOT EXCEED SIX PERCENT.
- G. ALTERNATIVE DESIGNS THAT DO NOT MEET THE CRITERIA ESTABLISHED IN THIS SECTION MAY BE APPROVED BY THE CITY FIRE MARSHALL.

City of Pacific

ALTERNATIVE FIRE APPARATUS ACCESS TURNAROUNDS

DRAWING NO.

VRFA –
Alt Fire
Turn Around

APPROVED:

DATE:

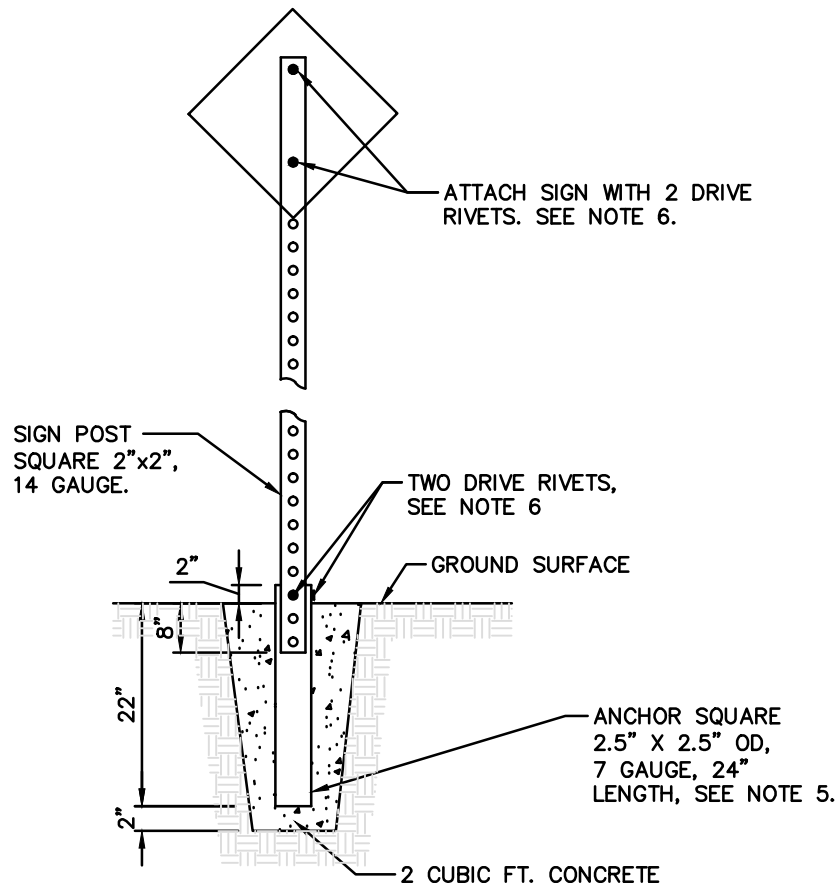
DATE:
02/07

DRAWN:
J.J.M

CHECKED:
J.J.M.

SCALE:
None

Approved by Public Works
Sub-Committee on 05/23/07



SQUARE METAL POST

SIGN POST NOTES:

1. SIGN POST SHALL BE 2"x2" SQUARE STEEL POSTS, MINIMUM 14 GAUGE, WITH $\frac{7}{16}$ " DIE-PUNCHED KNOCKOUTS ON 1" CENTERS FULL LENGTH FOUR SIDES.
2. STOP AND YIELD SIGN POSTS SHALL HAVE REFLECTOR ATTACHMENT FOR ALTERNATING 1' BANDS OF RED AND WHITE, SEE STD. DWG. TE-21B.
3. FOR IN-SIDEWALK INSTALLATIONS, CORE 4" DIAM. HOLE. ANCHOR LENGTH MAY BE DECREASED TO 12".
4. POST SHALL BE ROLLED CARBON SHEET STEEL AND SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A653, G90, STRUCTURAL QUALITY GRADE 50.
5. ANCHOR SHALL HAVE FOUR $\frac{7}{16}$ " DIAM. HOLES, ONE EACH SIDE, 2" FROM TOP END. ANCHOR SHALL MEET THE REQUIREMENTS OF ASTM A500 GRADE B AND SHALL BE HOT DIPPED GALVANIZED.
6. INSTALL TWO DRIVE RIVETS AT 90 DEGREES TO EACH OTHER. DRIVE RIVETS TO BE $\frac{3}{8}$ " DIA., ZUMAR TL3806 OR DUNLAP INDUSTRIAL VCR221.

SIGN INSTALLATION NOTES

1. SIGN SHEETING REQUIREMENTS: STOP, YIELD, KEEP RT, TURN RESTRICTION, LARGE ARROW, CHEVRON, CURVE/TURN WARNING, PED & ADV PED CROSSING, SCHOOL AND ADV SCHOOL CROSSING, STOP/YIELD/SIGNAL AHEAD, OBJECT MARKERS, END OF ROAD MARKER, ALL STREET NAME SIGNS AND ALL MAST ARM OR OVERHEAD MOUNTED SIGNS SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING OR APPROVED EQUAL. ALL OTHER SIGNS SHALL BE 3M HIGH INTENSITY PRISMATIC SHEETING, OR APPROVED EQUAL.
2. SIGN HEIGHT SHALL BE 7' FROM BOTTOM OF SIGN TO STREET OR SIDEWALK OR 6.5' FROM BOTTOM OF LOWER SIGN FOR MULTIPLE SIGNS ON ONE POST. EXCEPTIONS ONLY AS SPECIFICALLY STATED ON PLANS OR APPROVED BY THE ENGINEER.

City of Pacific

Street Sign

DRAWING NO.
TR
Std Sgn

APPROVED:

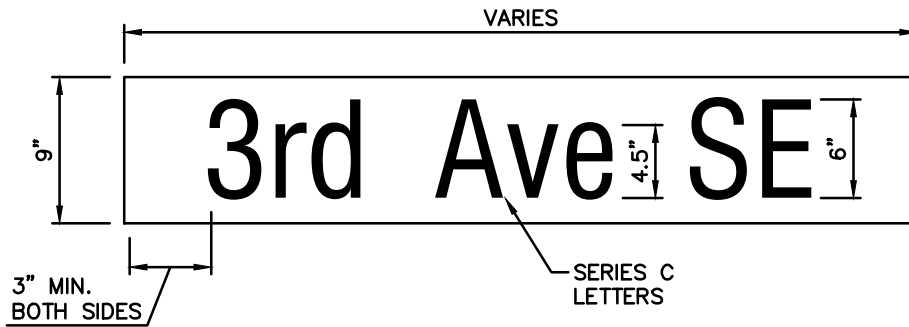
DATE:

DATE:
092815

DRAWN:
JJM

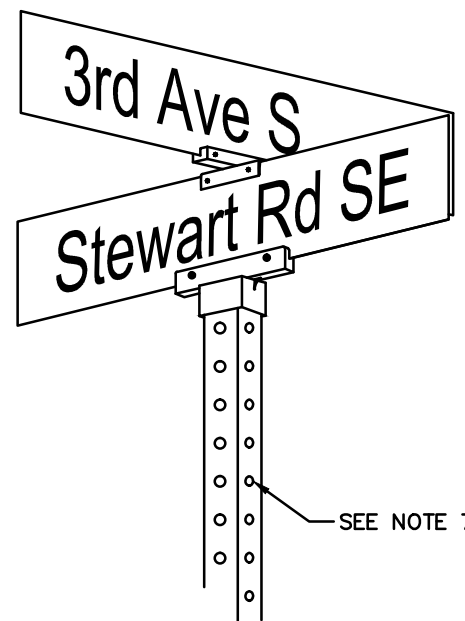
CHECKED:
LN

SCALE:
No Scale



Frontage Rd

5th Ave SE



ABBREVIATIONS:

STREET = St
 AVENUE = Ave
 PLACE = Pl
 WAY = Way OR Wy
 BOULEVARD = Blvd
 LANE = Ln
 COURT = Ct
 DRIVE = Dr
 ROAD = Rd

NOTES:

1. SIGNING MATERIAL AND FABRICATION SHALL BE IN ACCORDANCE WITH SECTION 9-28 OF THE WSDOT STANDARD SPECIFICATIONS, CURRENT EDITION.
2. TYPE 2 SIGNS SHALL BE WHITE LETTERING ON BLUE BACKGROUND, 1/2" WHITE BORDER, NO MARGIN, DOUBLE-SIDED.
3. SIGN BLADE SHALL BE 9" EXTRUDED ALUMINUM, TREATED, 0.080 GAUGE, EXCEPT 12" BLADE SHALL BE USED FOR STREET NAMES CONTAINING LOWER CASE LETTERS WITH DESCENDING STEMS OR TAILS (E.G., "g", "p", "y").
4. SIGN SHEETING SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING SERIES 4000.
5. LETTERING SHALL BE FORMED USING 3M ELECTROCUT (EC) FILM SERIES 1170.
6. FONT SHALL BE HIGHWAY GOTHIC SERIES C, 6" UPPER AND LOWER CASE.
7. POSTS SHALL BE 2"x2" SQUARE STEEL POSTS AS PER STD DWG TE-21.
8. MOUNTING HARDWARE SHALL BE ZUMAR Z12RDSQ200EX CAP AND ZUMAR 812EX90X CROSSPIECE, OR APPROVED EQUAL.
9. LAYOUT OF NON-NUMBERED STREET NAME LETTERING (E.G., Stewart Road SE, Valentine Ave SE) WILL BE PROVIDED BY THE ENGINEER.

City of Pacific

Street Sign
 Arterial

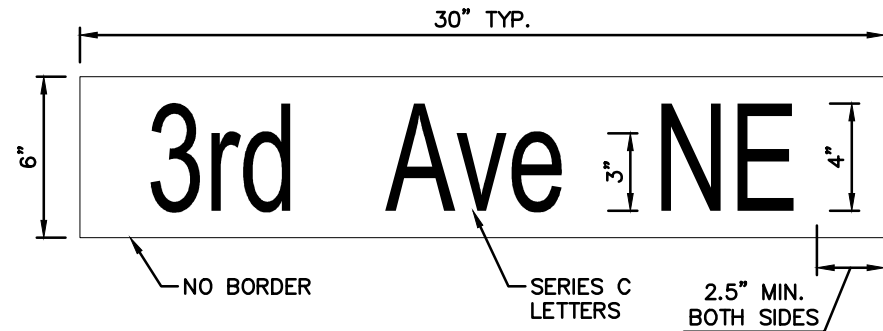
			DRAWING NO. TR St-Sgn-Art
APPROVED:		DATE:	
DATE: 092815	DRAWN: JJM	CHECKED: LN	SCALE: No Scale

9/28/2015 2:46:56 PM, Revision Date

Approved by Public Works
 Sub-Committee on

3rd Ave NE

Butte Ave SE



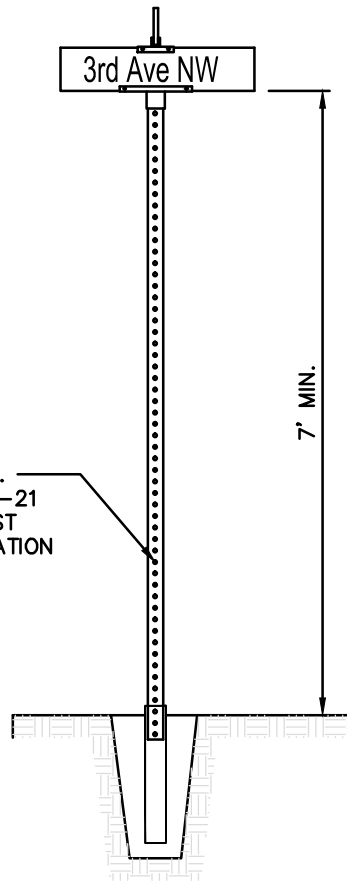
ABBREVIATIONS:

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AVENUE = Ave
PLACE = Pl
WAY = Way OR Wy
BOULEVARD = Blvd
LANE = Ln
COURT = Ct
DRIVE = Dr
ROAD = Rd

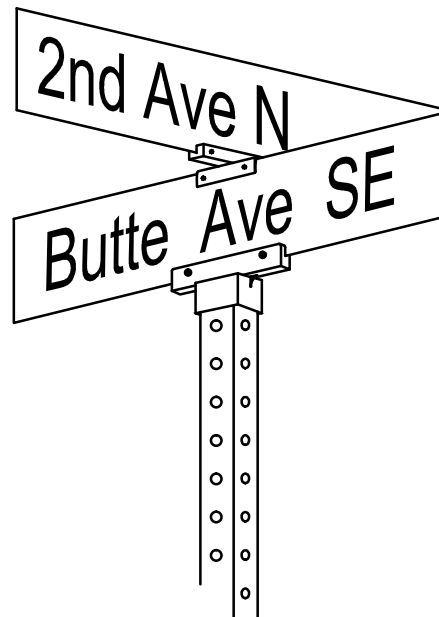
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2. TYPE 1 SIGNS SHALL BE WHITE LETTERING ON BLUE BACKGROUND, NO BORDER, DOUBLE-SIDED.
3. SIGN BLADE SHALL BE 6" EXTRUDED ALUMINUM, TREATED, 0.080 GAUGE, EXCEPT 9" BLADE SHALL BE USED FOR STREET NAMES CONTAINING LOWER CASE LETTERS WITH DESCENDING STEMS OR TAILS (E.G., "g", "p", "y").
4. SIGN SHEETING SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING SERIES 4000.
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9. LAYOUT OF NON-NUMBERED STREET NAME LETTERING (E.G., Butte Ave, Chicago Blvd) WILL BE PROVIDED BY THE ENGINEER.

SEE STD.
DWG. TE-21
FOR POST
INSTALLATION
DETAILS



TYPICAL INSTALLATION



City of Pacific

Street Sign
Local and Collector

APPROVED:

DATE:

DATE:
092815

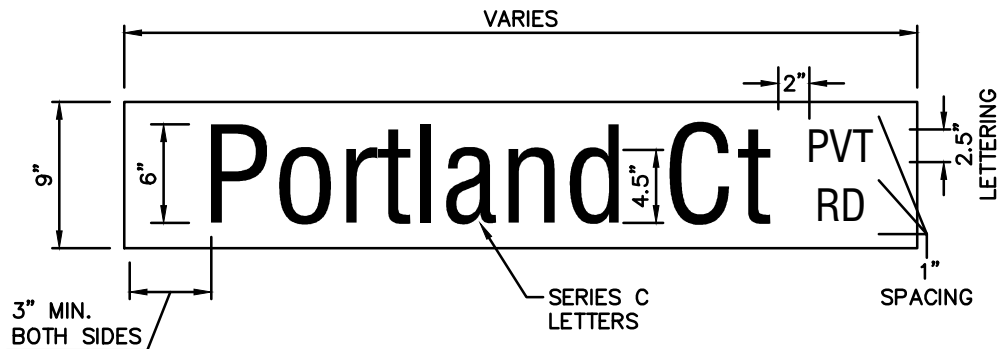
DRAWN:
JJM

CHECKED:
LN

DRAWING NO.
TR
St Sign
L&C

SCALE:
No Scale

Approved by Public Works
Sub-Committee on

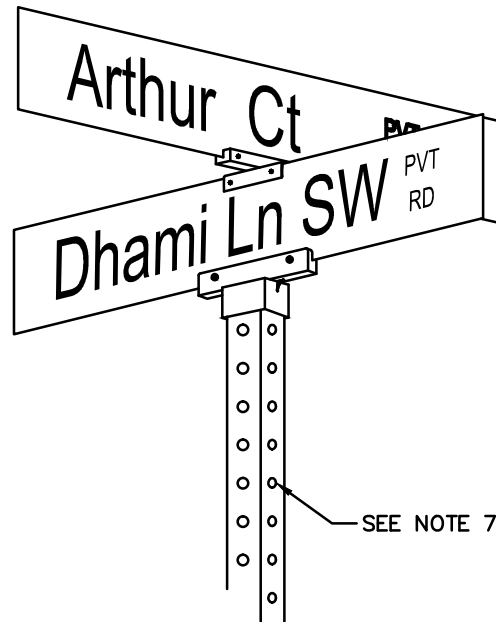


3rd PI SE PVT RD

Arthur Ct PVT RD

ABBREVIATIONS:

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City of Pacific

Street Sign
 Date

APPROVED:

DATE:

DATE:
 092815

DRAWN:
 JJM

CHECKED:
 LN

DRAWING NO.
 TR
 ST-Prvt

SCALE:
 No Scale