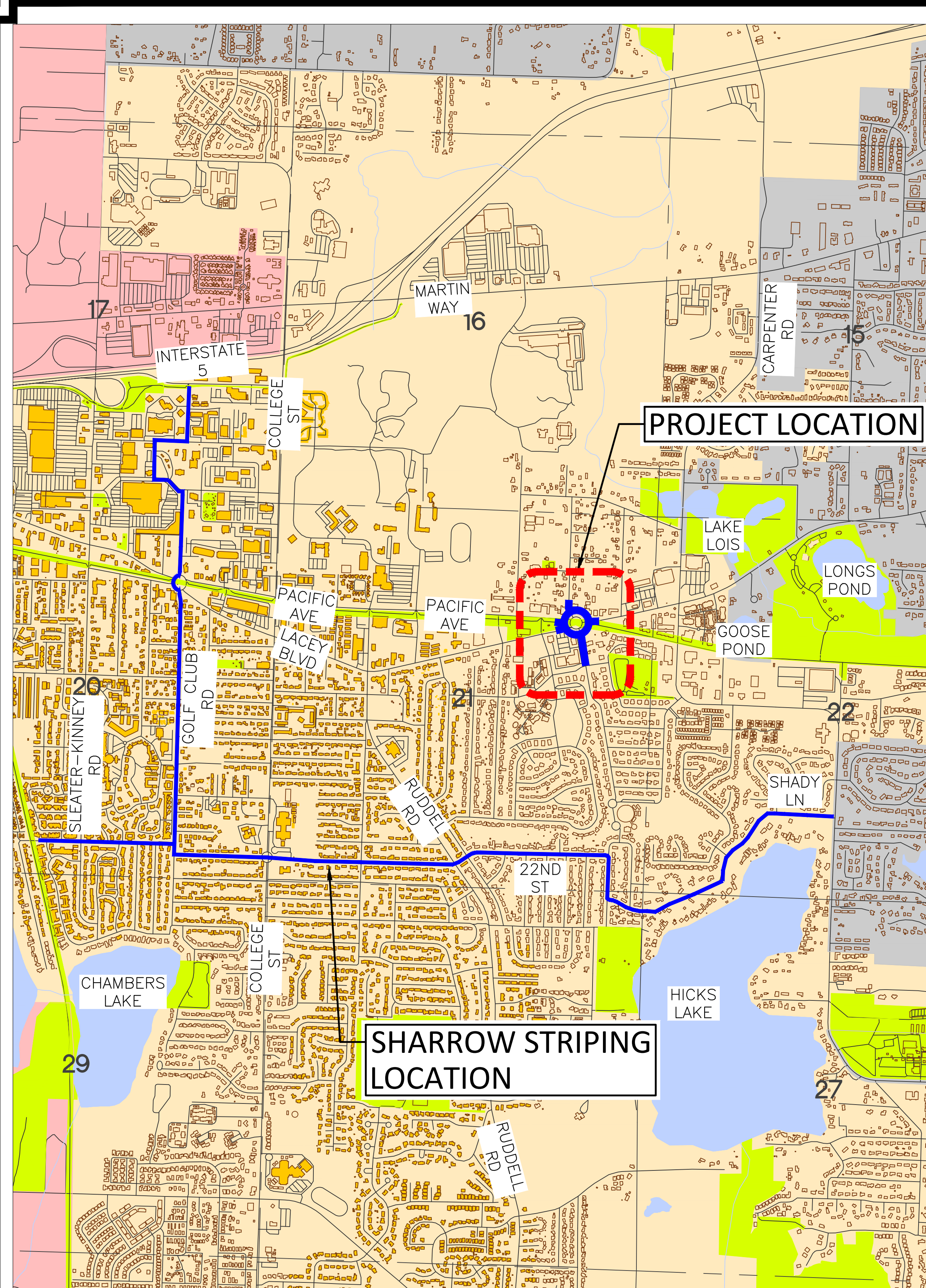


PACIFIC/HOMANN RAB IMPROVEMENTS & SHARROW ROUTE STRIPING

LACEY CONTRACT # PW 2024-12

SECTION 17, T18N, R1W, W.M. SECTION 20, T18N, R1W, W.M.
SECTION 21, T18N, R1W, W.M. SECTION 22, T18N, R1W, W.M.
SECTION 27, T18N, R1W, W.M. SECTION 28, T18N, R1W, W.M.



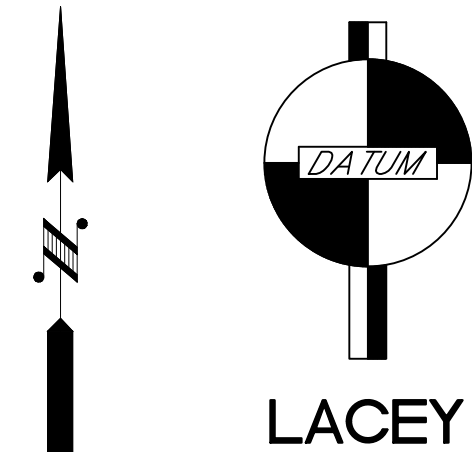
LACEY CITY OFFICIALS

MAYOR: Andy Ryder
DEPUTY MAYOR: Malcolm Miller
CITY COUNCIL: Lenny Greenstein
Michael Steadman
Carolyn Cox
Robin Vazquez
Nicholas Dunning
CITY MANAGER: Rick Walk
CITY ATTORNEY: David S. Schneider
CITY ENGINEER: Aubrey Collier, P.E., S.E.
DIRECTOR OF PUBLIC WORKS: Scott Egger, P.E.

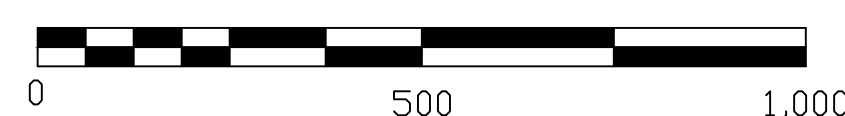
SHEET INDEX

PAGE NO.	SHEET NO.	DESCRIPTION
1	CS	COVER SHEET
2	GN	GENERAL NOTES, LEGENDS & ABBREVIATIONS
3	XS	TYPICAL CROSS SECTIONS
4	SD	HOMANN STORM
5-6	P1-P2	PAVING
7	CR	CURB RAMPS
8	SW	SIDEWALK
9-10	CH1-CH2	CHANNELIZATION
11-13	DT1-DT3	CONSTRUCTION DETAILS
14-15	DT4-DT5	CHANNELIZATIONS DETAILS
16-18	SH1-SH3	SHARROW ROUTE 2
19	SH4	SHARROW ROUTE 5
20	SH5	SHARROW SIGN SCHEDULE
21	DT6	SHARROW DETAILS

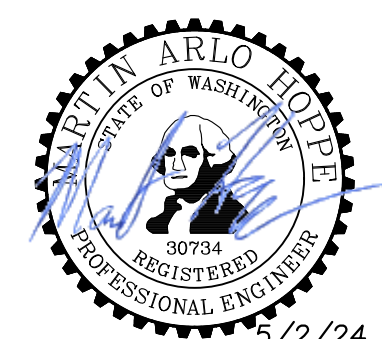
Scott Egger 4/29/24
PUBLIC WORKS DIRECTOR DATE



VICINITY MAP
CITY OF LACEY, WASHINGTON
SCALE : 1" = 1000'



- LACEY CITY LIMITS
- OLYMPIA CITY LIMITS
- URBAN GROWTH AREA



Lacey Dwg. Number :
D-23-10

BLOCK LEGEND:

SURVEY MONUMENT	
CATCH BASIN TYPE 1	
STORM MANHOLE & CB TYPE 2	
FIRE HYDRANT	
AIR & VACUUM RELEASE VALVE	
WATER METER	
WATER VALVE	
REDUCER	
SPRINKLER HEAD	
SEWER MANHOLE	
SANITARY SEWER CLEAN OUT	
GAS VALVE	
SIGN	
POLE ANCHOR	
POWER TRANSFORMER	
POWER POLE	
POWER VAULT	
TRAFFIC LOOP	
TRAFFIC SIGNAL	
STANDARD TRAFFIC SIGNAL CONTROLLER	
STREET LIGHT	
JUNCTION BOX	
ELECTRICAL SERVICE	
CABLE TV PEDESTAL	
TELEPHONE MANHOLE	
TELEPHONE PEDESTAL	
TREE GRATE	
CONIFER TREE	
DECIDUOUS TREE	
COMMERCIAL SIGN	

LINETYPE LEGEND:

	CONSTRUCTION BASELINE
	EASEMENT
	ROAD CENTERLINE
	BARB WIRE FENCE
	CHAIN LINK FENCE
	CONCRETE FENCE
	ROCK FENCE
	WIRE FENCE
	WOOD FENCE
	GRAVEL
	TOE OF SLOPE
	TOP OF SLOPE
	DITCH
	STORM (PAINTED)
	NEW STORM
	SEWER (PAINTED)
	NEW SEWER
	RIGHT OF WAY
	OVERHEAD CABLE
	UNDERGROUND CABLE (PAINTED)
	GAS (PAINTED)
	OVERHEAD PHONE
	OVERHEAD FIBER OPTIC
	UNDERGROUND PHONE
	UNDERGROUND FIBER OPTIC (PAINTED)
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC (PAINTED)
	WATER (PAINTED)
	NEW WATER
	RECLAIMED WATER (PAINTED)
	ABANDON EXISTING UTILITY

ABBREVIATIONS:

Δ	DEFLECTION ANGLE	C.S.T.C.	CRUSHED SURFACING TOP COURSE	C.Y.	CUBIC YARD
EP	EDGE OF PAVEMENT	CL. ☉	CENTERLINE	TYP.	TYPICAL
RT	RIGHT	CB	CATCH BASIN	LUM.	LUMINAIRE
LT	LEFT	N/A	NOT APPLICABLE	L.F.	LINEAR FEET
I.E.	INVERT ELEVATION	A/C	ASPHALT CONCRETE	RD.	ROAD
P.C.	POINT OF CURVATURE	ACP	ASPHALT CONCRETE PAVEMENT	DR.	DRIVE
P.I.	POINT OF INTERSECTION	D.I.	DUCTILE IRON	PKWY.	PARKWAY
P.T.	POINT OF TANGENCY	SD	STORM DRAIN	CONST.	CONSTRUCTION
R.	RADIUS	SS	SANITARY SEWER	FT.	FOOT
R.P.	RADIUS POINT	RPBA	REDUCED PRESSURE BACKFLOW ASSEMBLY	D/W	DRIVEWAY
R/W	RIGHT-OF-WAY	DIA. Ø	DIAMETER	APPROX.	APPROXIMATELY
ROW	RIGHT-OF-WAY	A.P.	ANGLE POINT	U.O.N.	UNLESS OTHERWISE NOTED
EX.	EXISTING	V.P.I.	VERTICAL POINT OF INTERSECTION	TBOC	TOP BACK OF CURB
EXIST.	EXISTING	V.P.C.	VERTICAL POINT OF CURVATURE	FL	FLOW LINE
STA	STATION	V.P.T.	VERTICAL POINT OF TANGENCY	LND	LANDING
S/W	SIDEWALK	EL	ELEVATION	FOW	FRONT OF WALK
C.S.B.C.	CRUSHED SURFACING BASE COURSE	S.Y.	SQUARE YARD	BOW	BACK OF WALK

CONSTRUCTION NOTES:

- DRAWING SCALES VARY, REFERENCE DRAWING SCALES IN THE SHEET LEGEND OR TITLE BLOCK TO VERIFY SCALE
- CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555 OR 811.
- THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL NOT REMOVE ANY TREES UNLESS INDICATED ON PLANS OR DIRECTED BY ENGINEER.
- THE CONTRACTOR SHALL MATCH OVERLAY TO EXISTING PAVEMENT AND DRIVEWAYS AS DIRECTED BY THE ENGINEER.
- GRINDING LIMITS AND PAVEMENT REPAIR LIMITS SHALL BE IDENTIFIED BY THE ENGINEER IN THE FIELD AND MAY VARY FROM THOSE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING TO EQUAL OR BETTER THAN ORIGINAL CONDITIONS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTS AND PROPERTY CORNERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH RESTORING MONUMENTS OR PROPERTY CORNERS OUTSIDE OF THE CONSTRUCTION LIMITS.

CONSTRUCTION HATCH TYPES:

	AREA OF 2.5" PLANING W/ 2.5" FIBER REINFORCED HMA OVERLAY
	7" ROADWAY EX. W/ 3" FIBER REINFORCED HMA 2" CSTC & 2" CSBC
	COMMERCIAL HMA FOR DRIVEWAYS AND PATHS
	CEMENT CONCRETE SIDEWALK
	CEMENT CONCRETE DRIVEWAY ENTRANCE
	CEMENT CONCRETE CURB RAMP
	INFILTRATION GALLERY

BASIS OF BEARING

MERIDIAN IS WASHINGTON COORDINATE SYSTEM OF 1983/91 - SOUTH ZONE DERIVED FROM TIES TO HPGN STATIONS SANDERSON, MCKENNA AND CBL1110 AND TO WSDOT GPS STATIONS G259R, GP34005-2, GP34005-4, GP34101-32, GP34101-39, HCS4-2, LUHR RM2, TSS4-33, TS34-59 AND TO THURSTON COUNTY GPS STATIONS U-531, AT-194, AT-352, AT-355, AT-447, AT449 AND AT-478. DISTANCES SHOWN ARE GROUND SCALE U.S. SURVEY FEET. COMBINED SCALE FACTOR (GROUND TO GRID) IS 0.999935701. SURVEY AF# 3111152 DATED 09-24-1997.

METHOD OF SURVEY

SURVEY PERFORMED BY CONVENTIONAL FIELD TRAVERSE USING A LEICA TS-16 (THREE SECOND TOTAL STATION), LINEAR AND ANGULAR CLOSURE OF THE TRAVERSE MEET THE STANDARDS OF WAC 332-130-090.

BOUNDARY

THE BOUNDARY WAS COMPILED USING PHYSICAL FEATURES TIED IN THE FIELD AND DOCUMENTS OF RECORD AS SHOWN BELOW.

SURVEYS REFERENCED

AF# 3111152, 3657060, 3349084, 4016489

DEED REFERENCED

AF# 3936235, 3937097, 3937099, 4467133

PLATS REFERENCED

AF# 4467726

SHORT SUB REFERENCED

AF# 4541260

SOURCE OF UTILITY MARKINGS

NO LOCATES NEEDED FOR THIS PROJECT

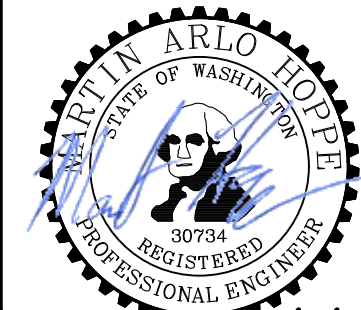
VERTICAL

THE CITY OF LACEY BENCHMARKS ARE BASED ON NGVD 29 DATUM FROM PRIMARY CONTROL ESTABLISHED BY FEDERAL AND STATE AGENCIES TO FIRST OR SECOND ORDER ACCURACY. THE CITY OF LACEY'S BENCHMARKS ARE GENERALLY TO THIRD ORDER ACCURACY.

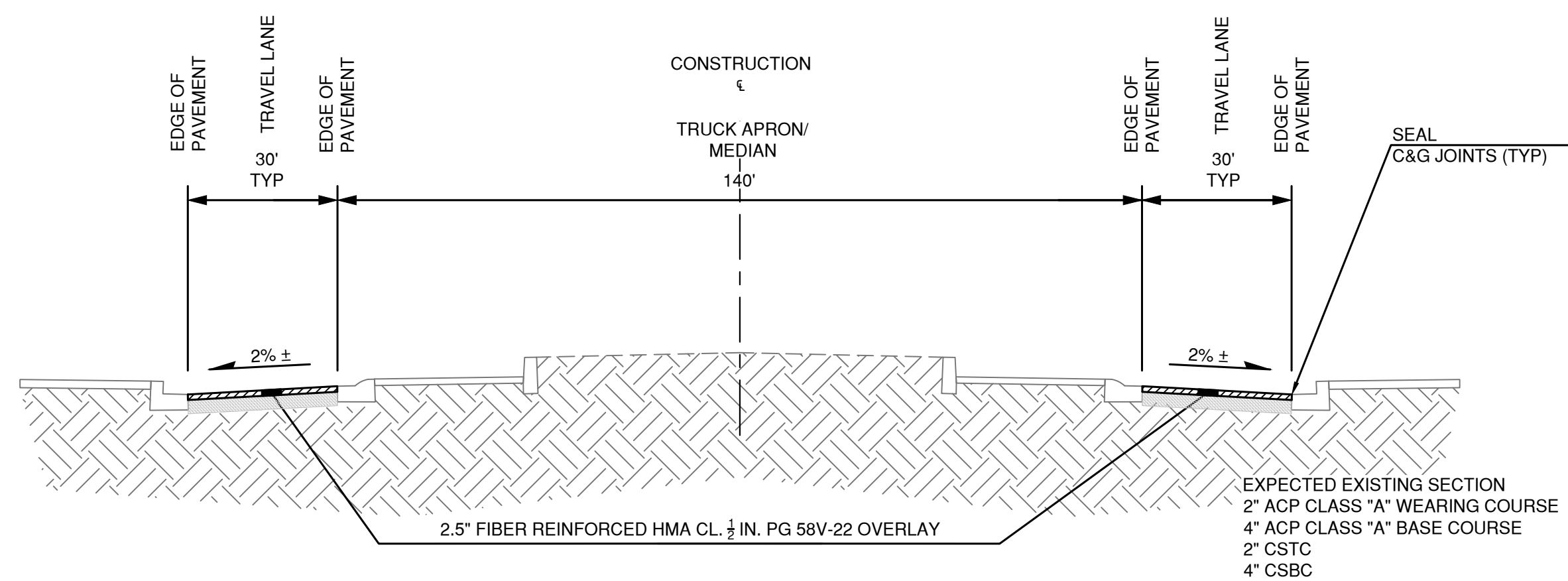
BENCHMARK

CITY OF LACEY BM#1139
CITY OF LACEY 3" SURFACE MONUMENT AT THE INTERSECTION OF LACEY BLVD SE & HOMANN DR SE. TOP CURB ON SE SIDE OF ROUND ABOUT
ELEV.=185.67

CITY OF LACEY BM#1375
SURVEY MARKER NAIL FLSHR IN SPLITTER ISLAND ON EAST SIDE OF ROUND ABOUT @ BRITTON PARKWAY NE & GATEWAY BLVD NE
ELEV.=222.74



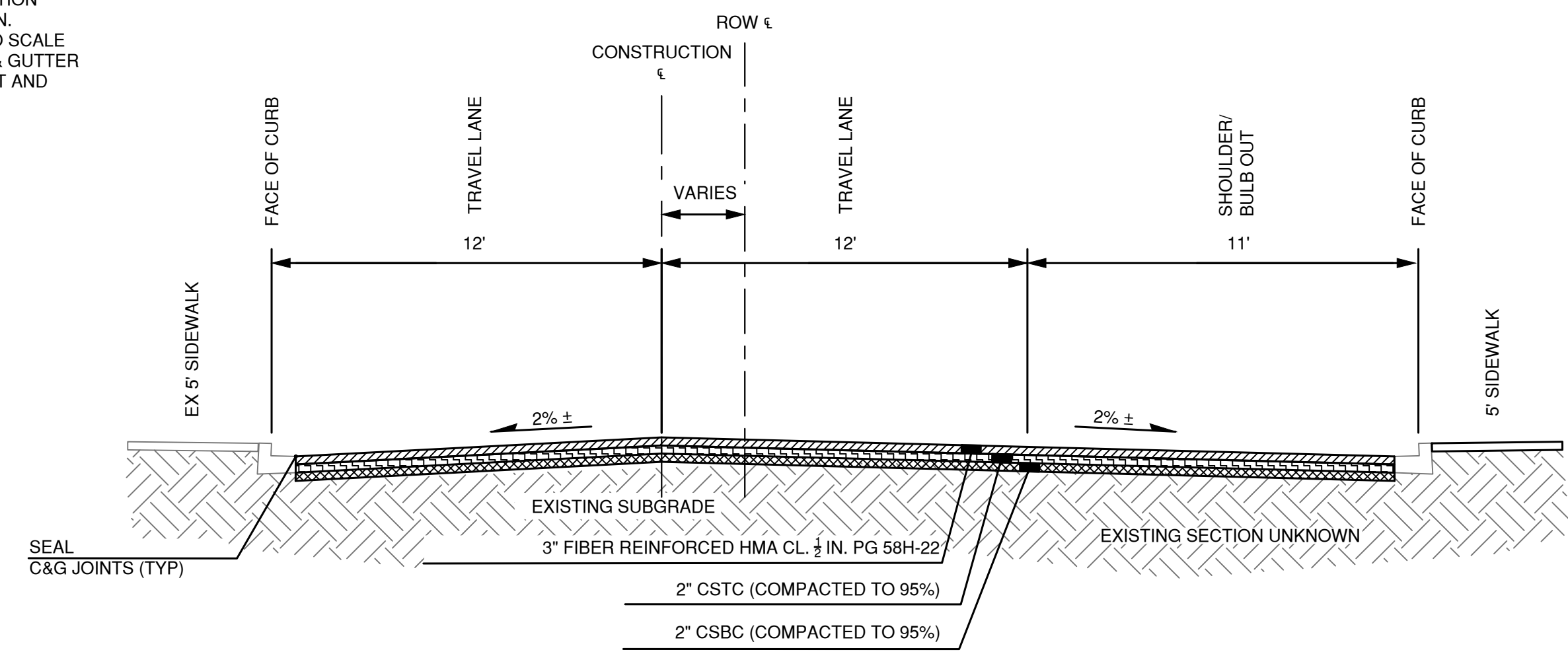
REVISION BLOCK		
NO.	DATE	DESCRIPTION



PACIFIC AVE SE/HOMANN DR SE RAB
N.T.S.

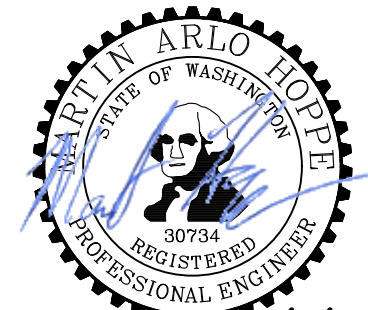
TYPICAL CROSS-SECTION NOTES:

1. EDGE CONDITIONS WILL VARY. CONDITION SHOWN IS TYPICAL FOR EACH SECTION.
2. CROSS SECTIONS ARE NOT SHOWN TO SCALE
3. HMA INTERFACE ADJACENT TO CURB & GUTTER IS CONSIDERED A LONGITUDINAL JOINT AND SHALL BE SEALED



HOMANN DR SE
N.T.S.

CITY OF LACEY, WASHINGTON
DEPARTMENT OF PUBLIC WORKS
420 COLLEGE STREET SE
LACEY, WA 98503-1238 (360) 491-5600



DESIGNED: BP
DRAFTED: BP
CHECKED: ADB
HORZ. SCALE: N/A
VERT. SCALE: N/A
FILE: XSDWG

PACIFIC/HOMANN RAB IMPROVEMENTS
TYPICAL CROSS SECTIONS

REVISION BLOCK		
NO.	DATE	DESCRIPTION

PAGE NO.	SHEET NO.
XS	3
DWG NO.	OF
D-23-10	21

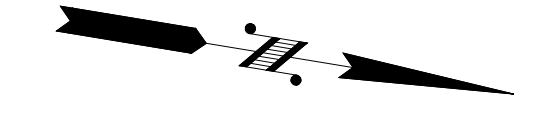
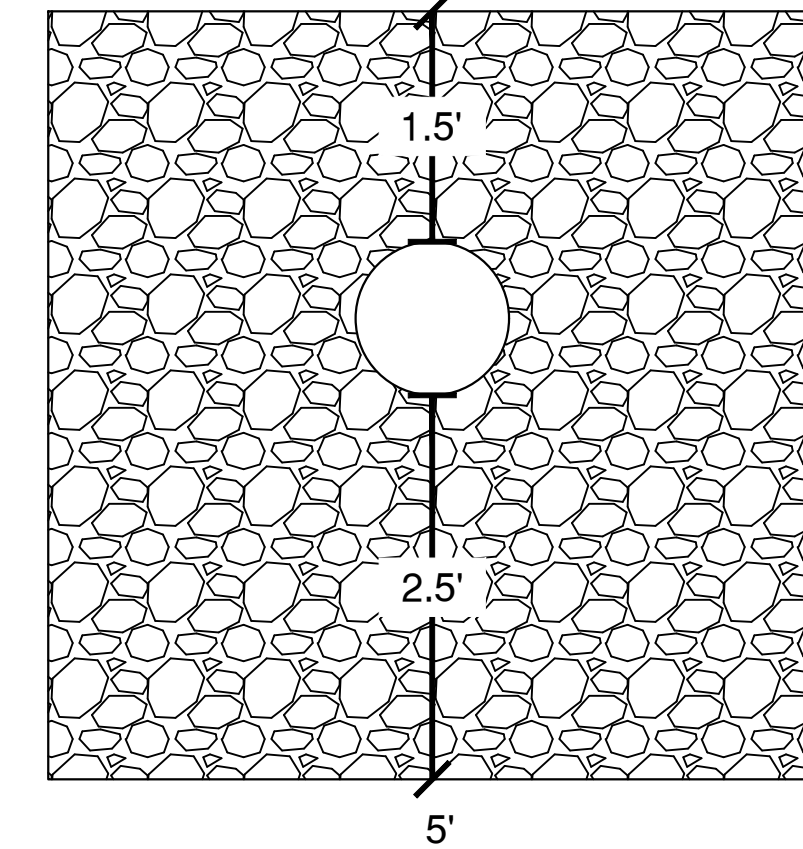
SEC. 21, T18N, R1W, W.M.

HOMANN DR SE

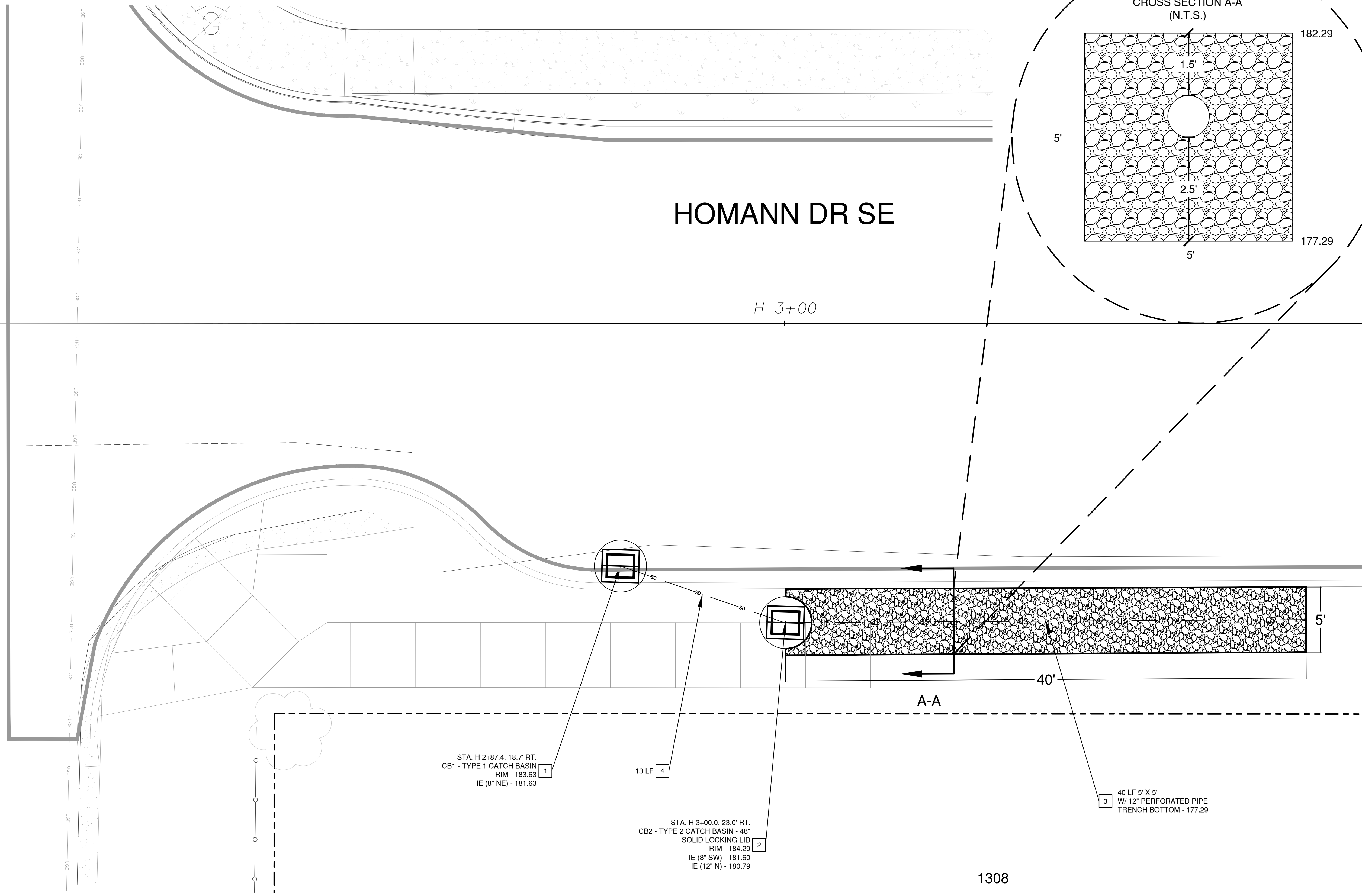
H 3+00

13TH AVE SE

INFILTRATION GALLERY
CROSS SECTION A-A
(N.T.S.)



SCALE: 1"=4 FEET
0 1 2 4
CITY OF LACEY COORDINATE SYSTEM



STA. H 2+87.4, 18.7' RT.
CB1 - TYPE 1 CATCH BASIN
RIM - 183.63
IE (8" NE) - 181.63

13 LF 4

STA. H 3+00.0, 23.0' RT.
CB2 - TYPE 2 CATCH BASIN - 48"
SOLID LOCKING LID
RIM - 184.29
IE (8" SW) - 181.60
IE (12" N) - 180.79

2

40 LF 5' X 5'
W/ 12" PERFORATED PIPE
TRENCH BOTTOM - 177.29

3

STORM NOTES #

- 1 INSTALL TYPE 1 CATCH BASIN
- 2 INSTALL TYPE 2 CATCH BASIN
- 3 INSTALL INFILTRATION GALLERY
- 4 INSTALL 12" STORM PIPE

LEGEND



1308

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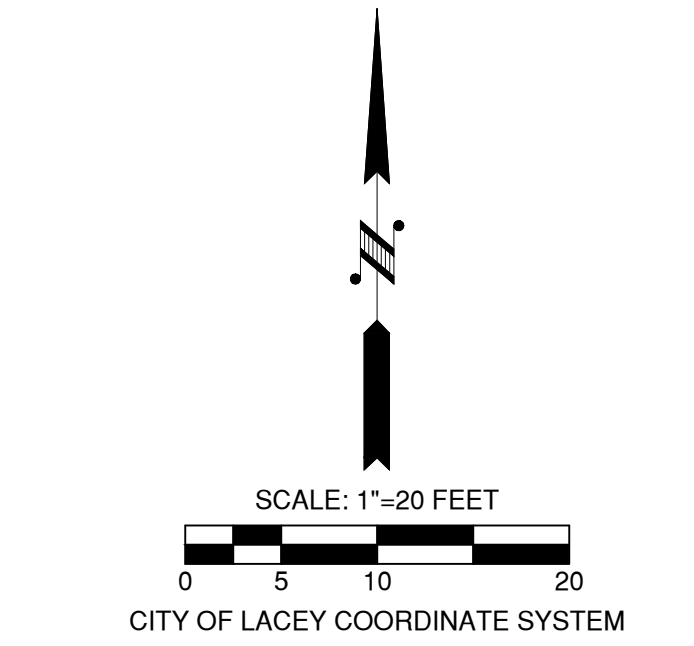
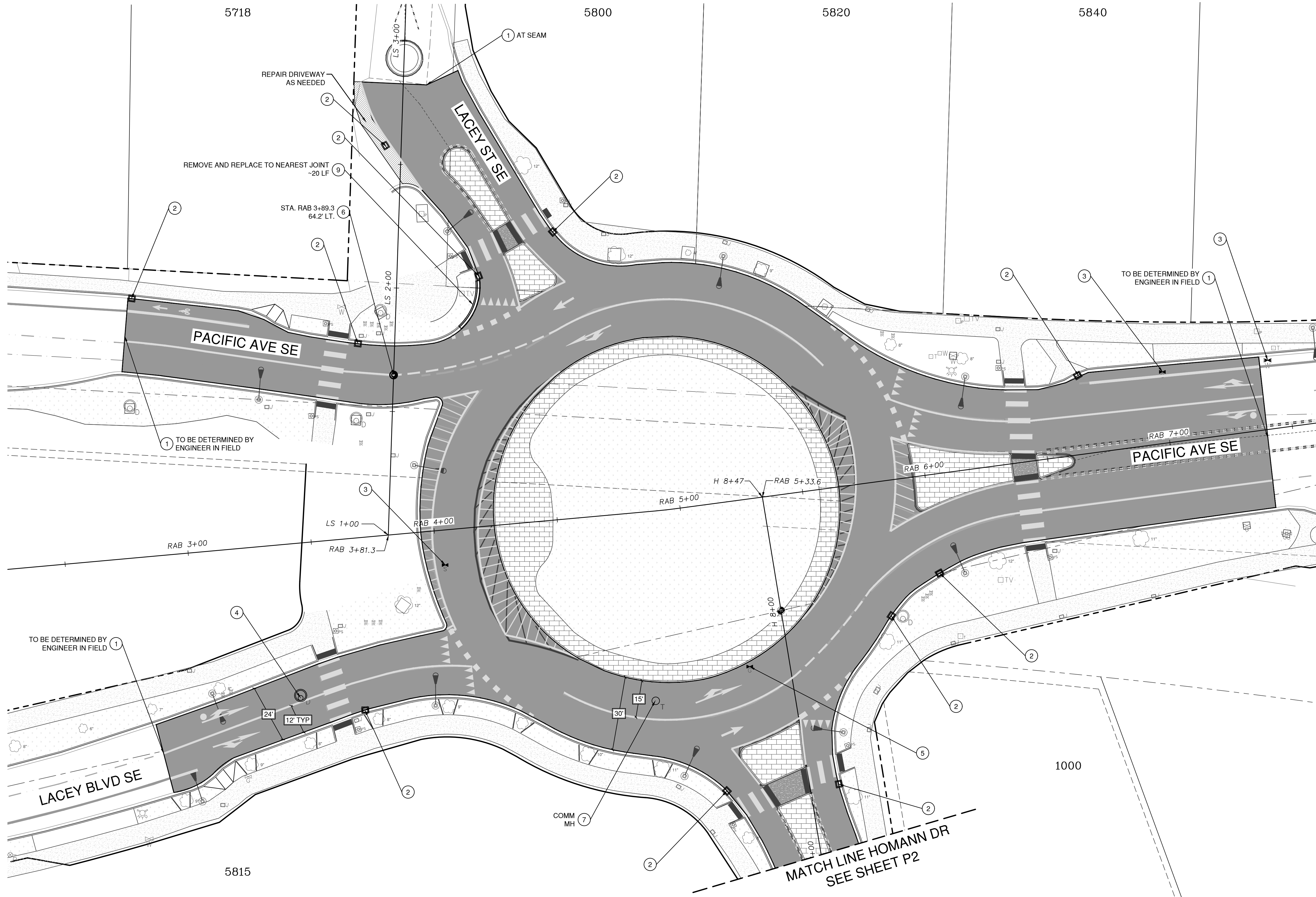
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VERT. SCALE: N/A
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PACIFIC/HOMANN RAB IMPROVEMENTS
HOMANN STORM

REVISION BLOCK		
NO.	DATE	DESCRIPTION

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SD	4
DWG NO.	OF
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SEC. 21, T18N, R1W, W.M.



CONSTRUCTION NOTES #

- ① MATCH EXISTING PAVEMENT
- ② PROTECT CATCH BASIN
- ③ RAISE VALVE TO FINISH GRADE
- ④ RAISE MANHOLE TO FINISH GRADE
- ⑤ ADJUST GAS VALVE TO FINISH GRADE
- ⑥ MONUMENT CASE & COVER
- ⑦ ADJUST MANHOLE
- ⑨ CEMENT CONC CURB & GUTTER

LEGEND

- 2.5" PLANING W/
2.5' FIBER REINFORCED
HMA OVERLAY
- COMMERCIAL HMA
FOR PAVT REPAIR

CITY OF LACEY, WASHINGTON
 DEPARTMENT OF PUBLIC WORKS
 420 COLLEGE STREET SE
 LACEY, WA 98503-1238 (360) 491-5600



DESIGNED: BP
 DRAFTED: BP
 CHECKED: ADB
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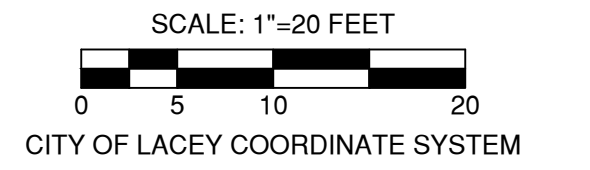
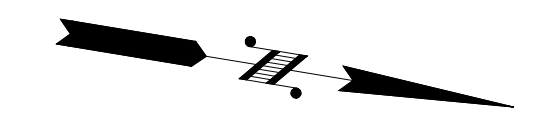
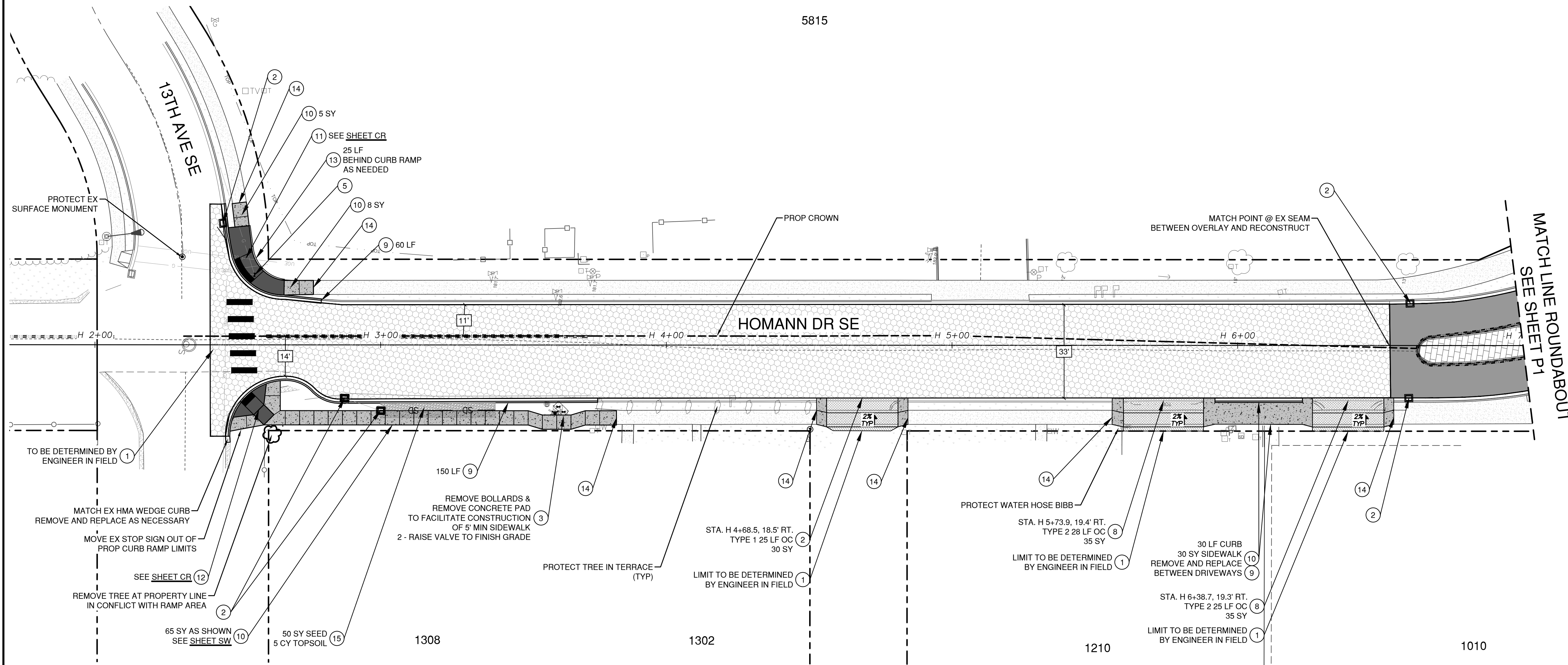
**PACIFIC/HOMANN RAB IMPROVEMENTS
 ROUNDABOUT PAVING**

REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
P1	5
DWG NO.	OF
D-23-10	21

SEC. 21, T18N, R1W, W.M.

5815

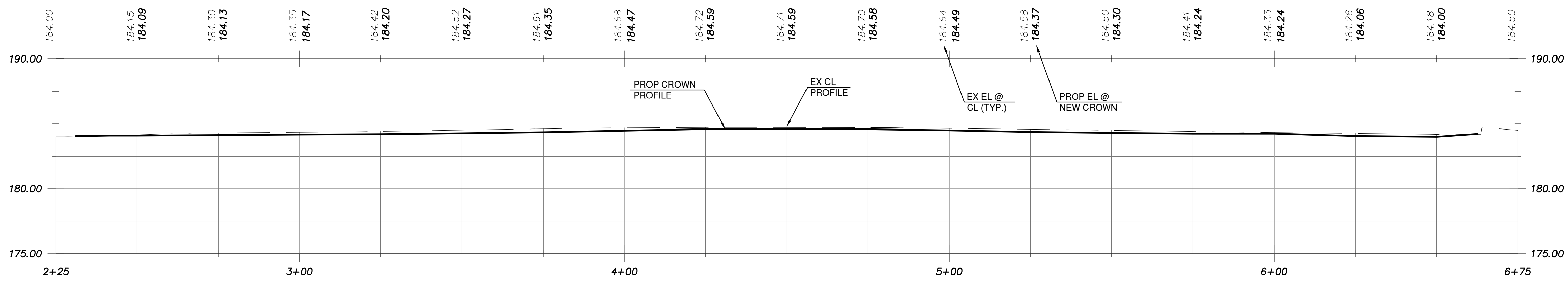


CONSTRUCTION NOTES #

- ① MATCH EXISTING PAVEMENT
- ② PROTECT CATCH BASIN
- ⑤ ADJUST GAS VALVE TO FINISH GRADE
- ⑧ 6" CEMENT CONC DRIVEWAY ENTRANCE
- ⑨ CEMENT CONC CURB & GUTTER
- ⑩ CEMENT CONC SIDEWALK
- ⑪ RETROFIT CEMENT CONC CURB RAMP (PARALLEL)
- ⑫ CEMENT CONC CURB RAMP (PERPENDICULAR)
- ⑬ CEMENT CONC PEDESTRIAN CURB
- ⑭ MATCH EX. SIDEWALK AT NEAREST JOINT
- ⑮ TOPSOIL & SEED

LEGEND

- PROP. ROADWAY CROWN
- [Pattern] 2.5" PLANING W/ 2.5" FIBER REINFORCED HMA OVERLAY
- [Pattern] 7" ROADWAY EX. W/ 3" FIBER REINFORCED HMA 2" CSTC & 2" CSBC
- [Pattern] COMMERCIAL HMA FOR PAV'T REPAIR
- [Pattern] CEMENT CONCRETE DRIVEWAY ENTRANCE
- [Pattern] CEMENT CONCRETE SIDEWALK
- [Pattern] CEMENT CONCRETE CURB RAMP



CITY OF LACEY, WASHINGTON
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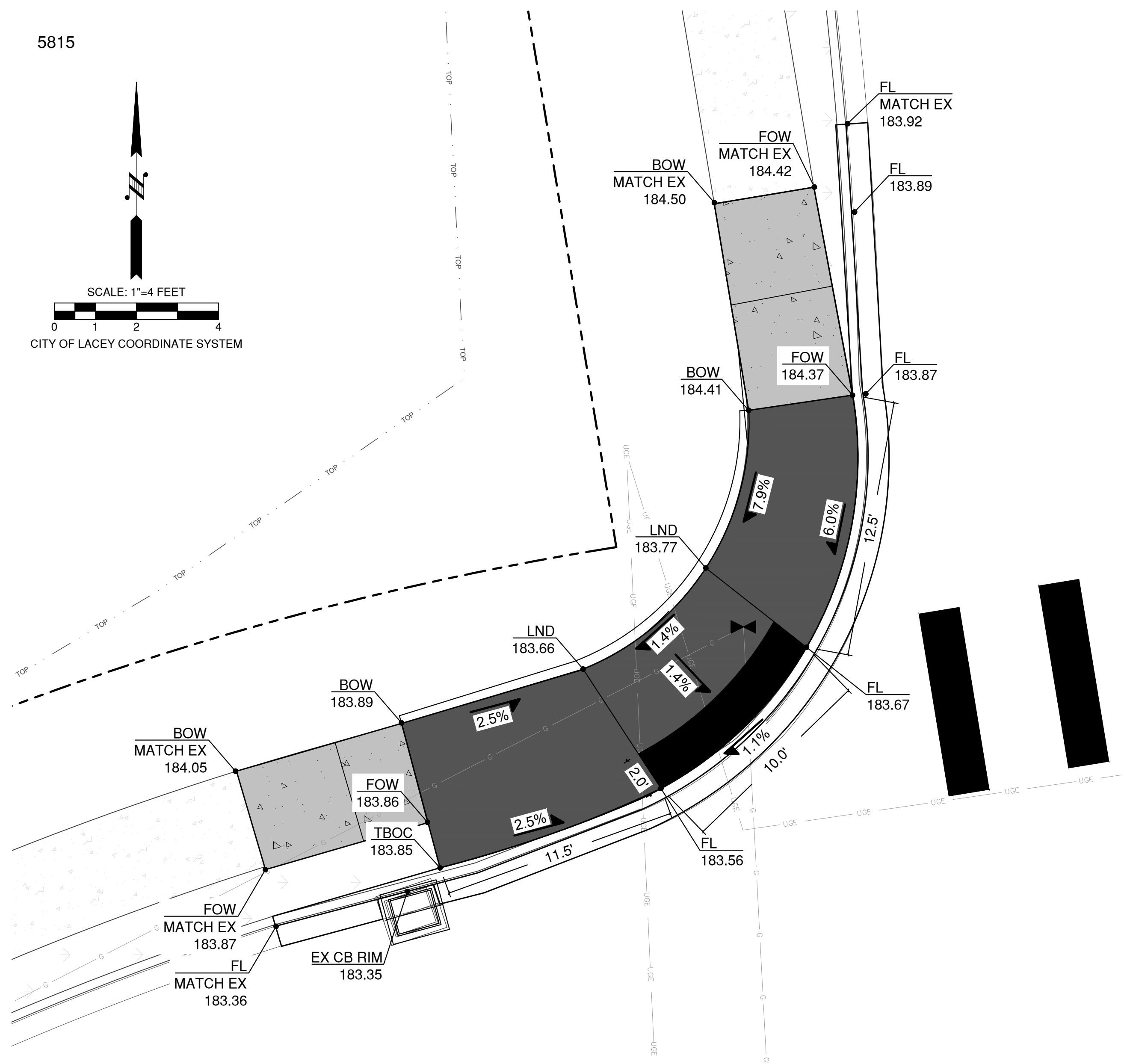
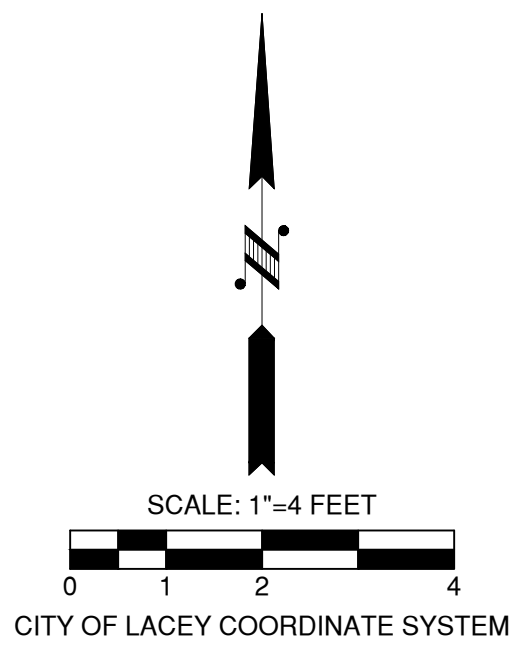
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PACIFIC/HOMANN RAB IMPROVEMENTS
HOMANN PAVING

REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
P2	6
DWG NO.	OF
D-23-10	21

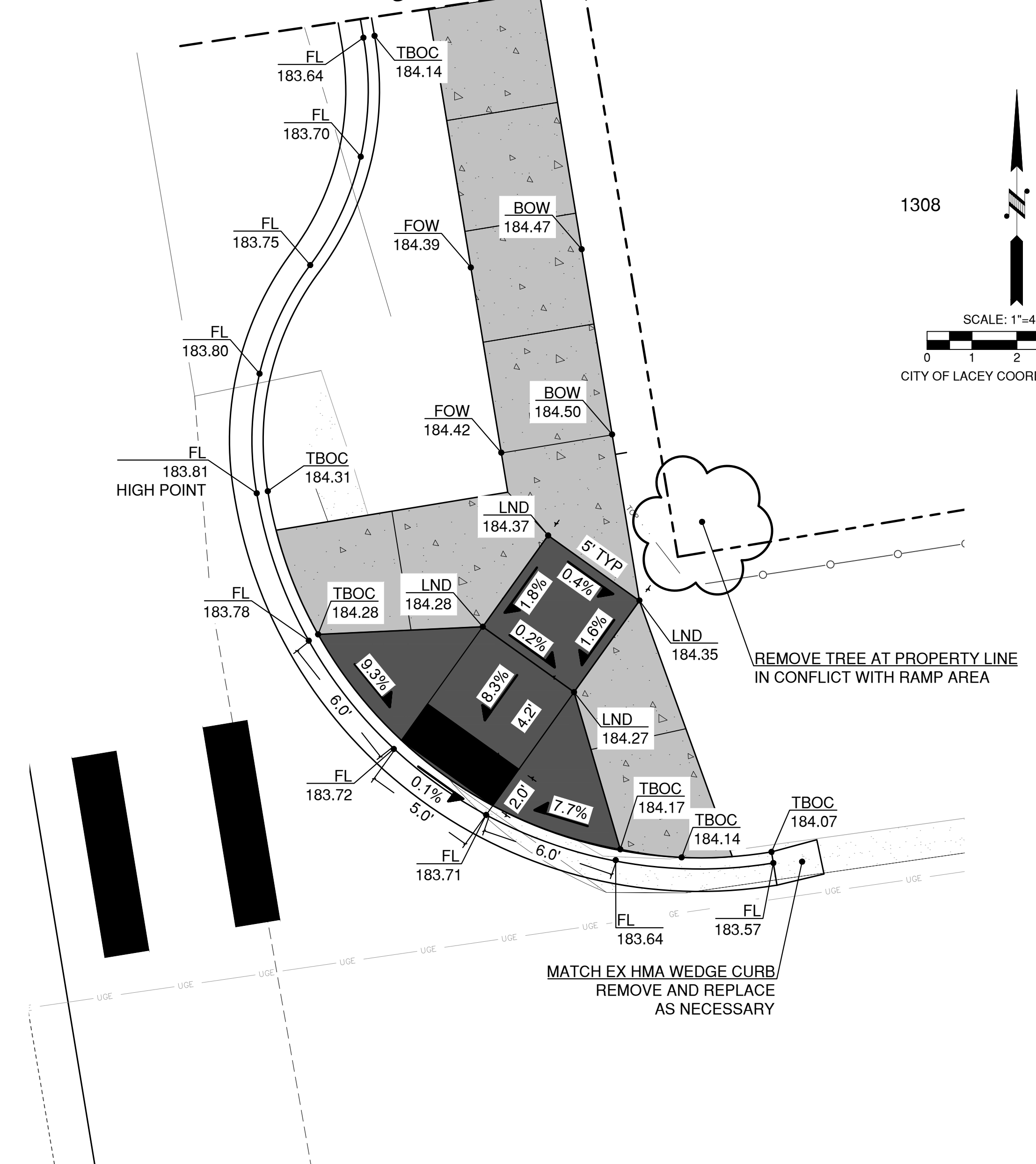
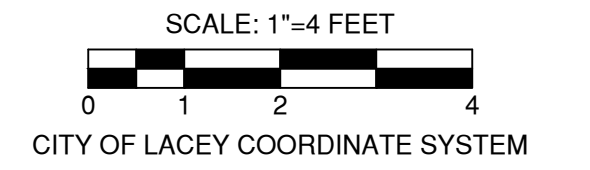
5815



RETROFIT PARALLEL RAMP
HOMANN DR/13TH AVE NW CORNER

MATCH LINE
SEE SHEET SW

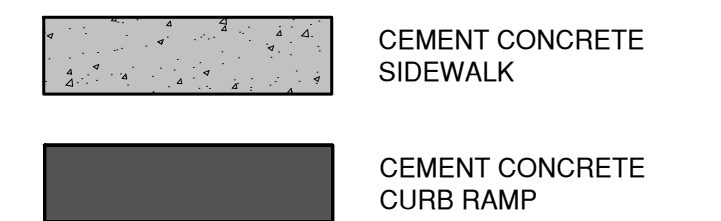
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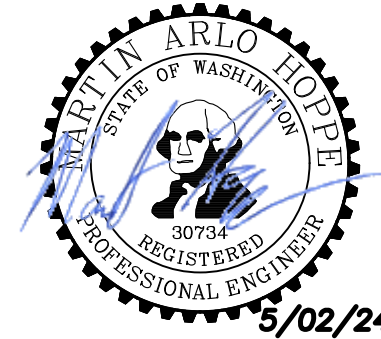
PROP. PERPENDICULAR RAMP
HOMANN DR/13TH AVE NE CORNER

LEGEND

- FL - FLOWLINE
- LND - LANDING
- TBOC - TOP BACK OF CURB
- FOW - FRONT OF WALK
- BOW - BACK OF WALK



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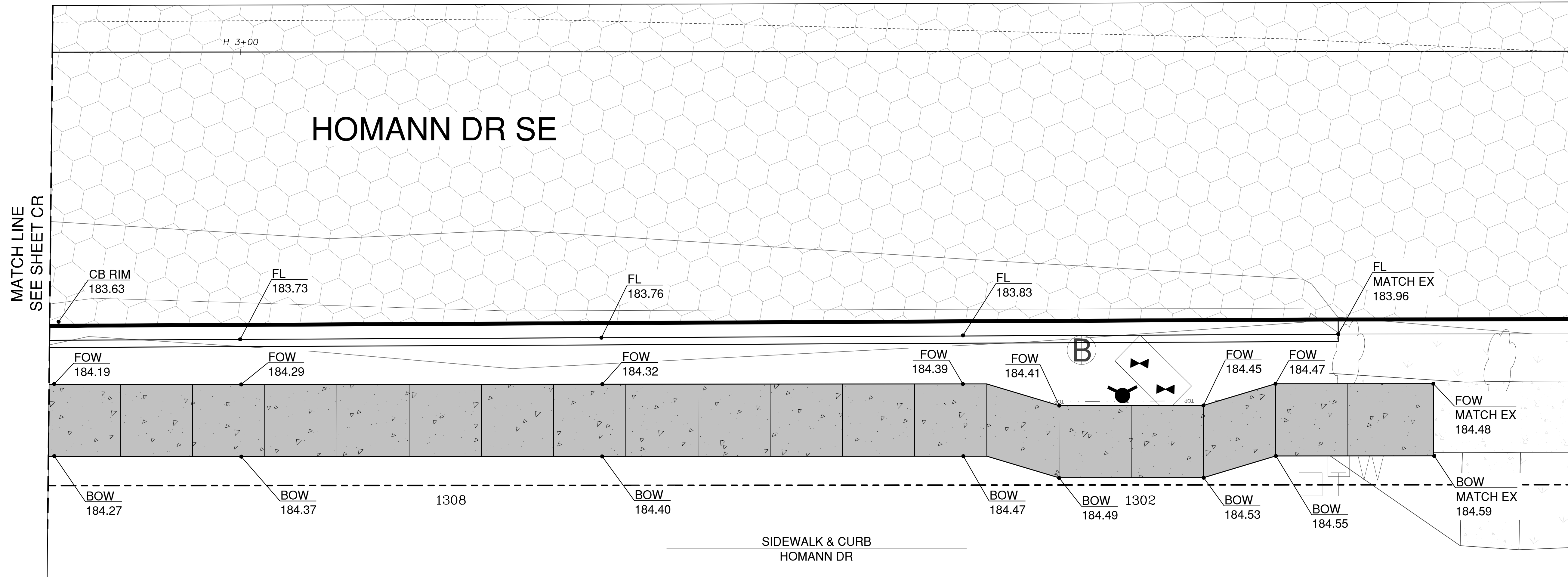
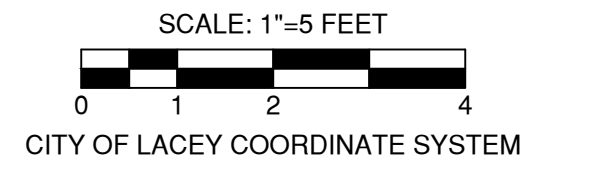
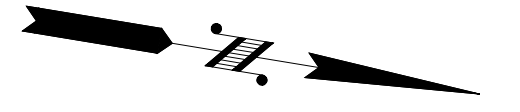


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VERT. SCALE: N/A
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PACIFIC/HOMANN RAB IMPROVEMENTS
HOMANN CURB RAMPS

REVISION BLOCK		
NO.	DATE	DESCRIPTION

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DWG NO.	OF
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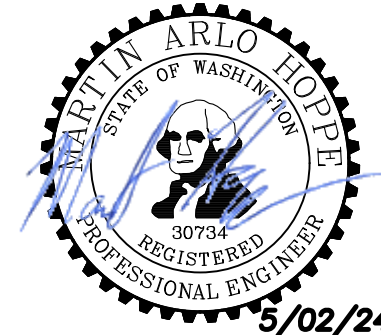


LEGEND

- FL - FLOWLINE
- LND - LANDING
- TBOC - TOP BACK OF CURB
- FOW - FRONT OF WALK
- BOW - BACK OF WALK



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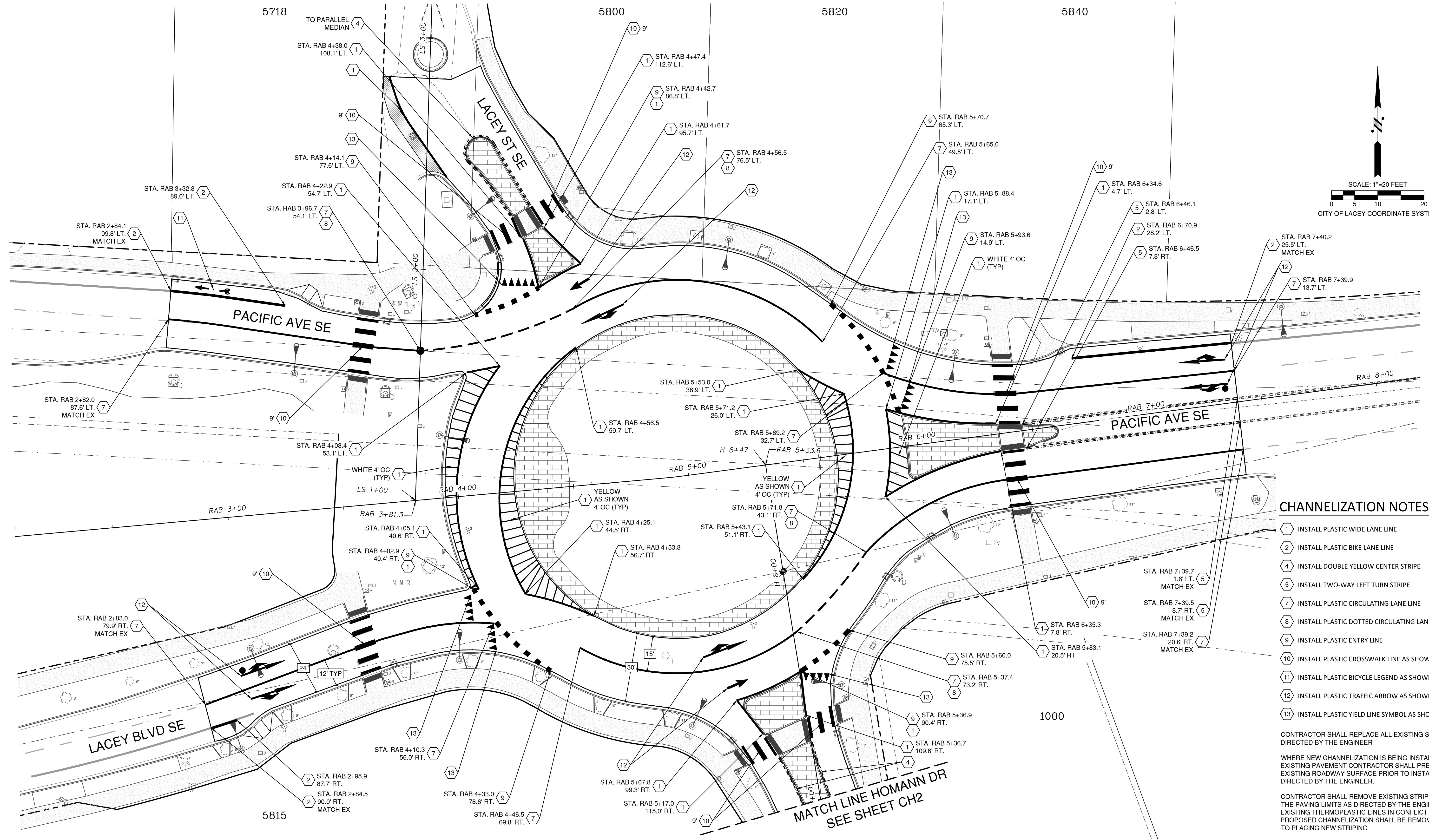
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PACIFIC/HOMANN RAB IMPROVEMENTS
HOMANN SIDEWALK

REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
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SEC. 21, T18N, R1W, W.M.



CHANNELIZATION NOTES #

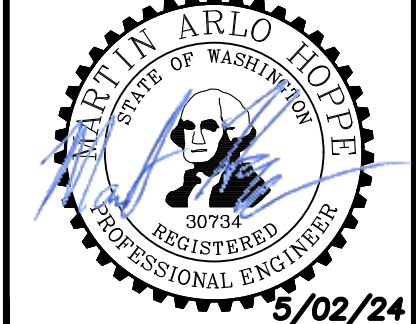
- 1 INSTALL PLASTIC WIDE LANE LINE
- 2 INSTALL PLASTIC BIKE LANE LINE
- 4 INSTALL DOUBLE YELLOW CENTER STRIPE
- 5 INSTALL TWO-WAY LEFT TURN STRIPE
- 7 INSTALL PLASTIC CIRCULATING LANE LINE
- 8 INSTALL PLASTIC DOTTED CIRCULATING LANE LINE
- 9 INSTALL PLASTIC ENTRY LINE
- 10 INSTALL PLASTIC CROSSWALK LINE AS SHOWN
- 11 INSTALL PLASTIC BICYCLE LEGEND AS SHOWN
- 12 INSTALL PLASTIC TRAFFIC ARROW AS SHOWN
- 13 INSTALL PLASTIC YIELD LINE SYMBOL AS SHOWN

CONTRACTOR SHALL REPLACE ALL EXISTING STRIPING AS DIRECTED BY THE ENGINEER

WHERE NEW CHANNELIZATION IS BEING INSTALLED ON EXISTING PAVEMENT CONTRACTOR SHALL PREPARE EXISTING ROADWAY SURFACE PRIOR TO INSTALLATION AS DIRECTED BY THE ENGINEER.

CONTRACTOR SHALL REMOVE EXISTING STRIPING OUTSIDE THE PAVING LIMITS AS DIRECTED BY THE ENGINEER. ANY EXISTING THERMOPLASTIC LINES IN CONFLICT WITH THE PROPOSED CHANNELIZATION SHALL BE REMOVED PRIOR TO PLACING NEW STRIPING

CITY OF LACEY, WASHINGTON
 DEPARTMENT OF PUBLIC WORKS
 420 COLLEGE STREET SE
 LACEY, WA 98503-1238 (360) 491-5600



DESIGNED: BP
 DRAFTED: BP
 CHECKED: ADB
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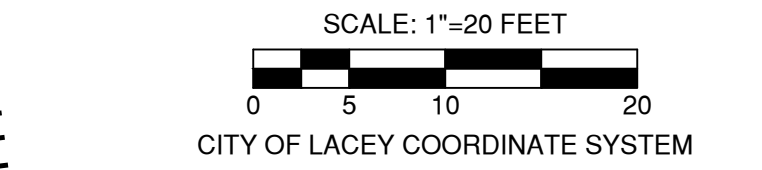
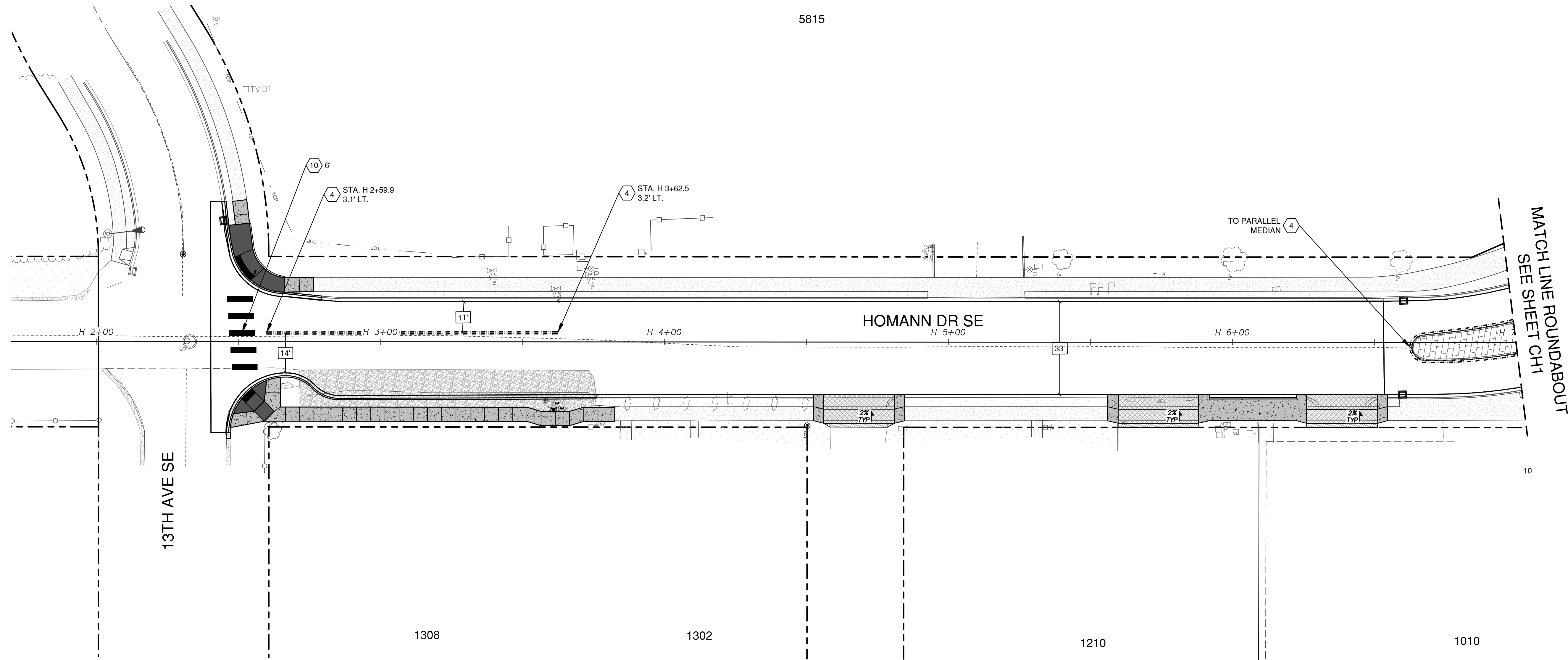
**PACIFIC/HOMANN RAB IMPROVEMENTS
 ROUNDABOUT CHANNELIZATION**

REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
CH1	9
DWG NO.	OF
D-23-10	21

SEC. 21, T18N, R1W, W.M.

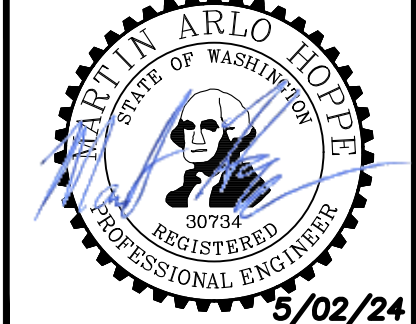
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CHANNELIZATION NOTES (#)

- (4) INSTALL DOUBLE YELLOW CENTER STRIPE
 - (10) INSTALL PLASTIC CROSSWALK LINE AS SHOWN
- CONTRACTOR SHALL REPLACE ALL EXISTING STRIPING AS DIRECTED BY THE ENGINEER
- WHERE NEW CHANNELIZATION IS BEING INSTALLED ON EXISTING PAVEMENT CONTRACTOR SHALL PREPARE EXISTING ROADWAY SURFACE PRIOR TO INSTALLATION AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL REMOVE EXISTING STRIPING OUTSIDE THE PAVING LIMITS AS DIRECTED BY THE ENGINEER. ANY EXISTING THERMOPLASTIC LINES IN CONFLICT WITH THE PROPOSED CHANNELIZATION SHALL BE REMOVED PRIOR TO PLACING NEW STRIPING

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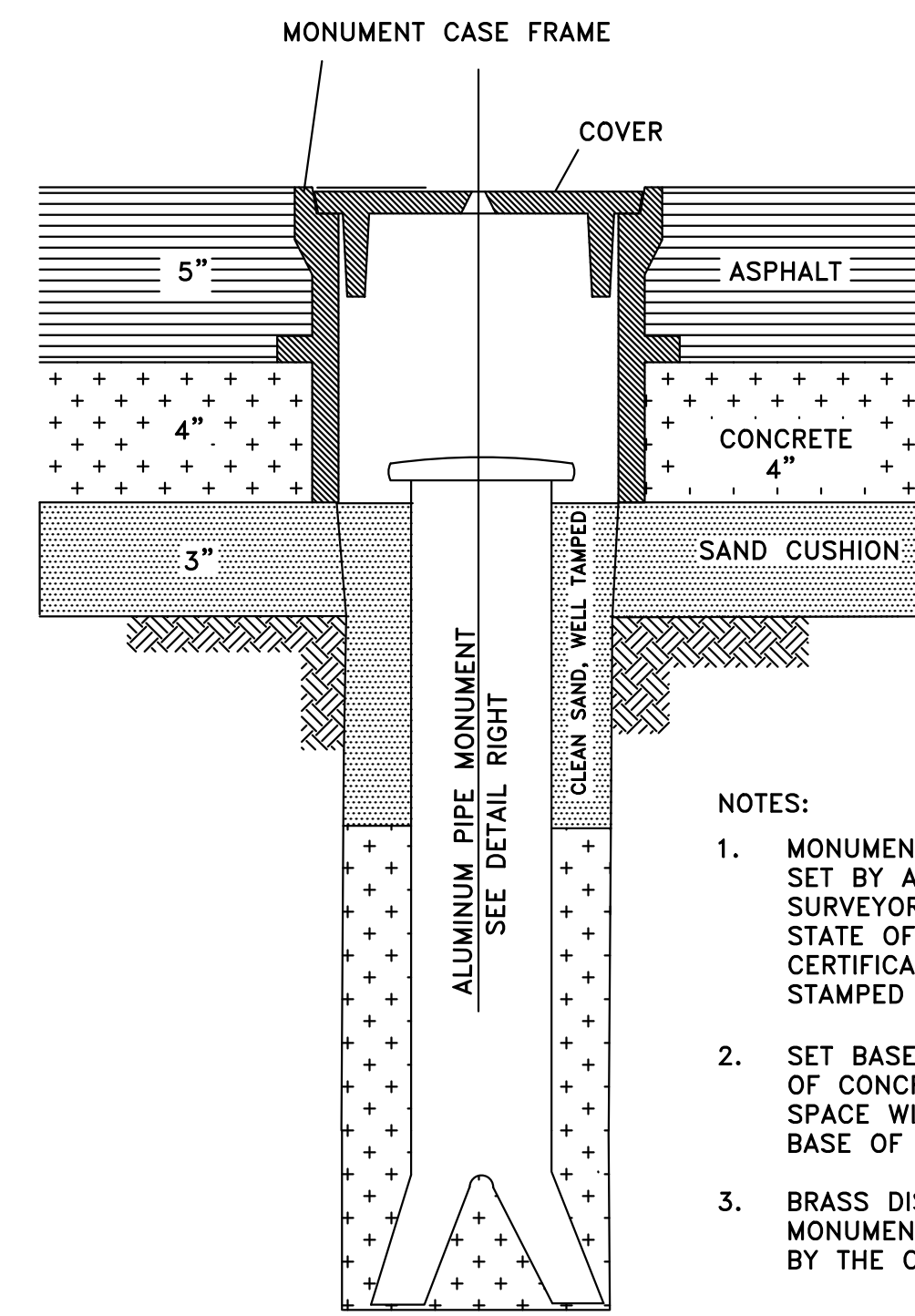


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PACIFIC/HOMANN RAB IMPROVEMENTS
HOMANN CHANNELIZATION

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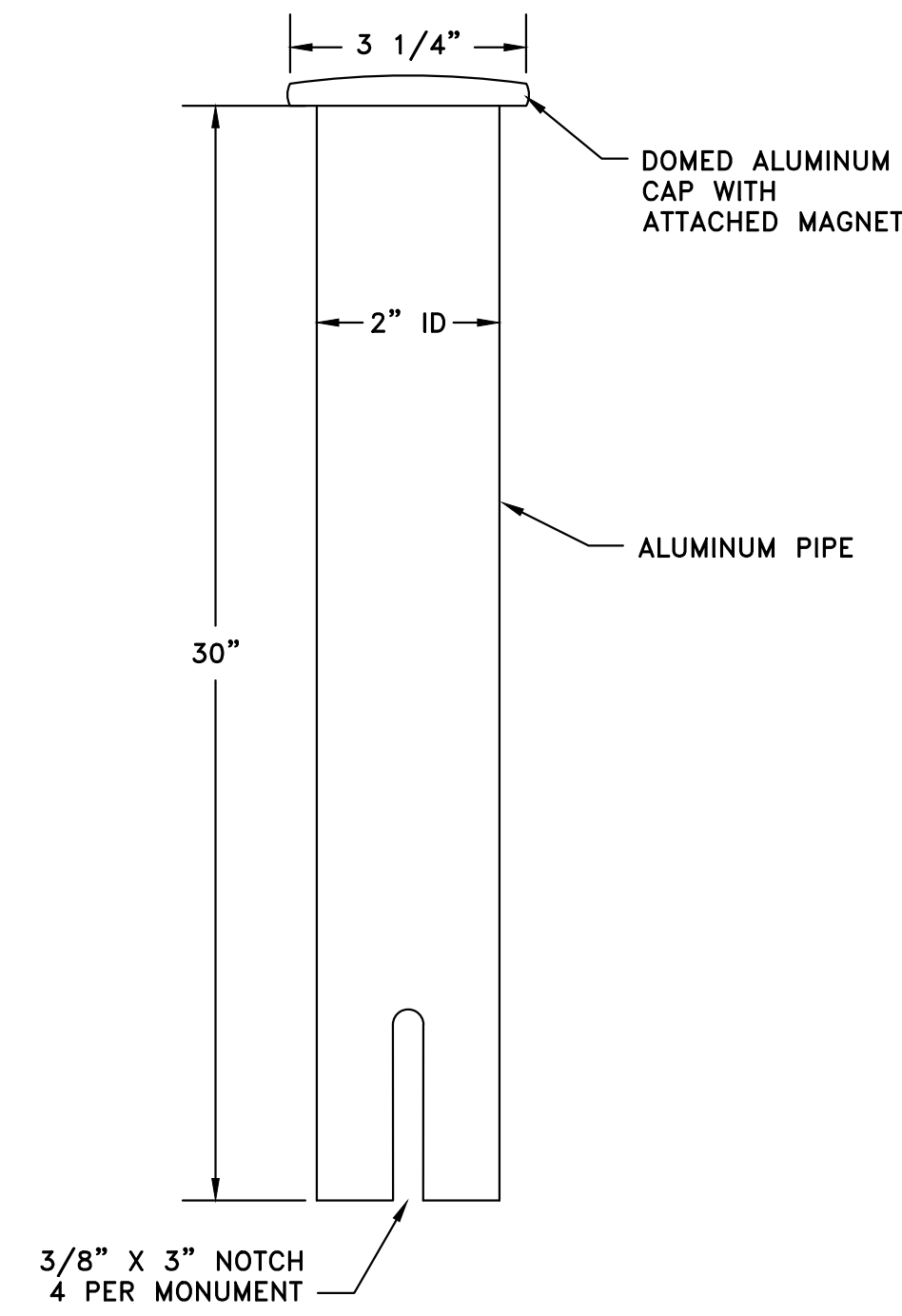
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D-23-10	21



- NOTES:
1. MONUMENT POSITION SHALL BE SET BY A PROFESSIONAL LAND SURVEYOR LICENSED BY THE STATE OF WASHINGTON WHOSE CERTIFICATE NUMBER SHALL BE STAMPED ON THE CAP.
 2. SET BASE OF MONUMENT IN 18" OF CONCRETE, FILL REMAINING SPACE WITH TAMPED SAND TO BASE OF CASE FRAME.
 3. BRASS DISCS AND PIPE MONUMENTS TO BE SUPPLIED BY THE CITY.

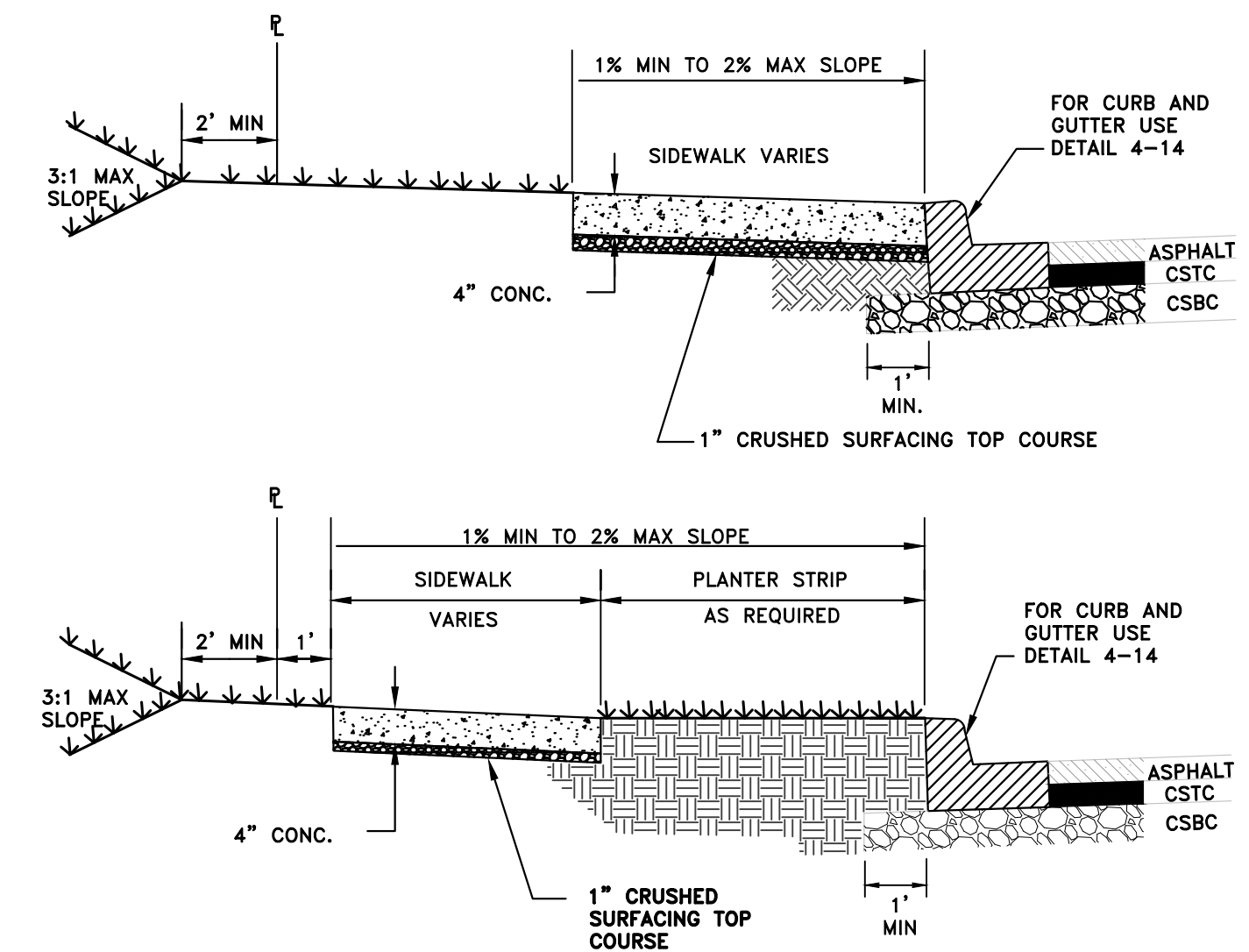
FLARE BOTTOM 3" OF PIPE PRIOR TO INSTALLATION

MONUMENT WITH CASE AND COVER



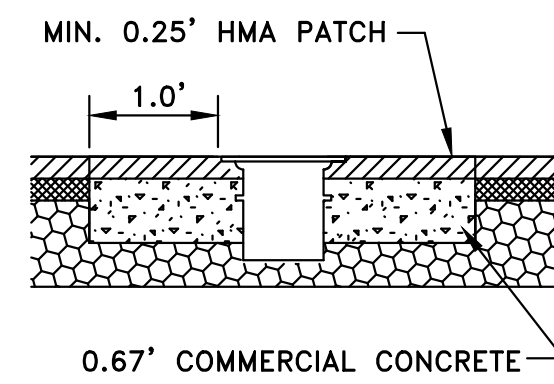
- GENERAL NOTES:
1. PIPE MONUMENTS SHALL BE BERNSTEIN A1NBF OR EQUIVALENT.
 2. BOTTOM OF MONUMENT SHALL BE FLARED PRIOR TO INSTALLATION.

ALUMINUM PIPE MONUMENT

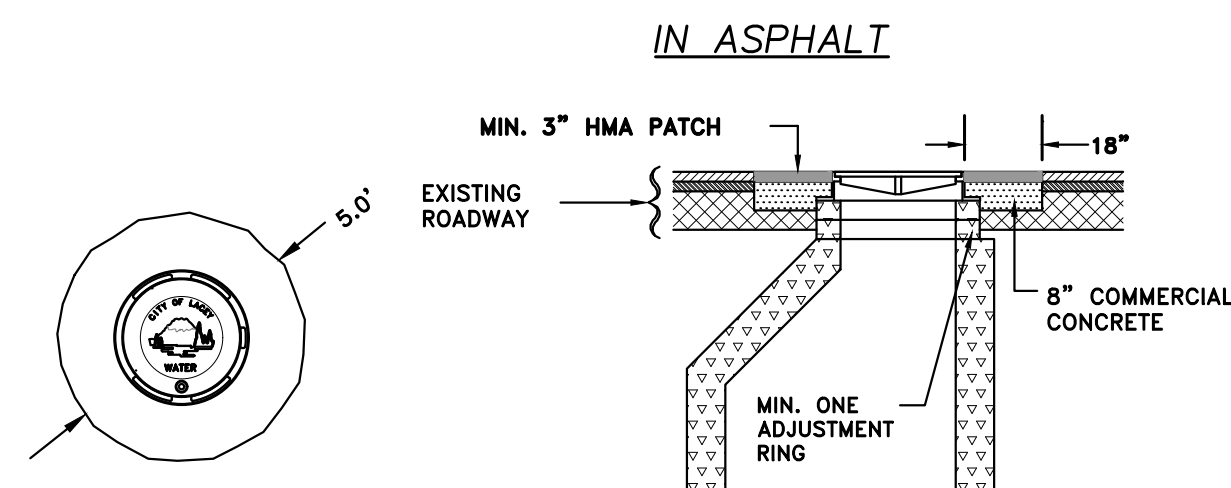


- GENERAL NOTES:
1. FORMS SHALL BE WOOD OR METAL AND SHALL EXTEND FOR THE FULL DEPTH OF THE CONCRETE, SEE SECTION 8-14.3(2).
 2. ALL FORMS SHALL BE STRAIGHT, FREE FROM WARP, AND OF SUFFICIENT STRENGTH TO RESIST THE PRESSURE OF THE CONCRETE WITHOUT SPRING.
 3. FOR JOINTS AND SCORING SEE DETAIL 4-10.
 4. CONCRETE DRIVEWAYS REQUIRE A MINIMUM DEPTH OF 6".
 5. SEE ROADWAY SECTIONS FOR STREET TREE LOCATIONS.
 6. THE TOP OR TOE OF ALL SLOPES SHALL BEGIN 2' BACK OF THE SIDEWALK OR THE RIGHT-OF-WAY LINE.
 7. WHEN APPLICABLE THE RIGHT-OF-WAY LINE SHALL BE 1' BEHIND THE SIDEWALK.

RAISE VALVE BOX TO GRADE

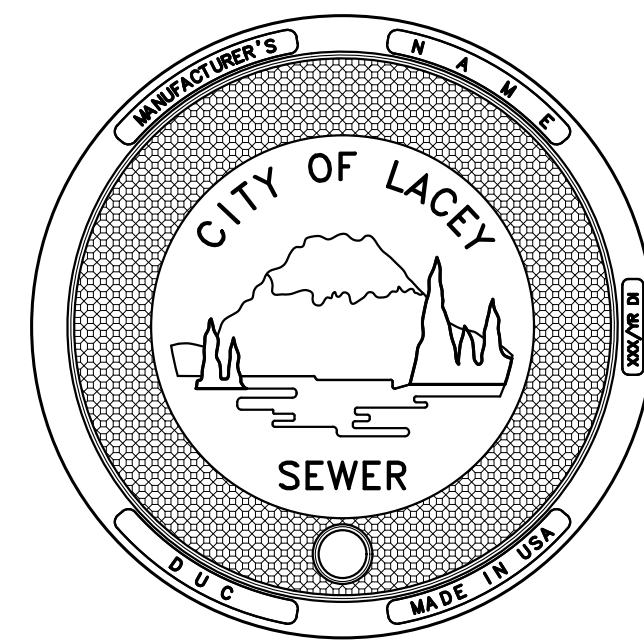
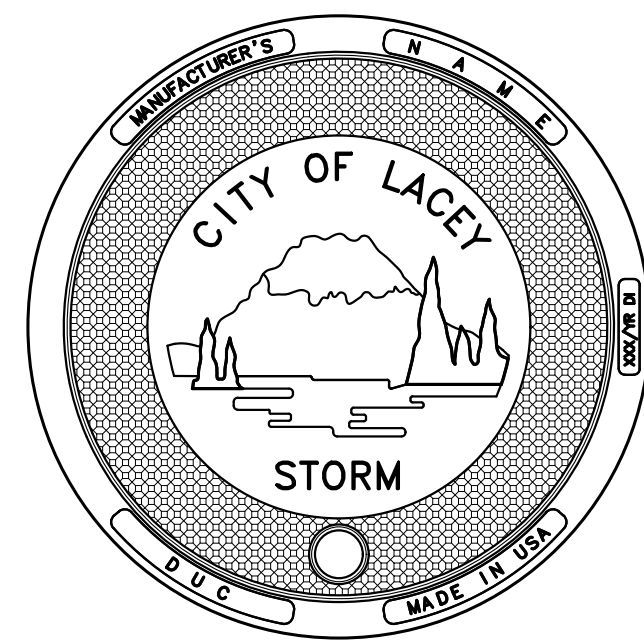
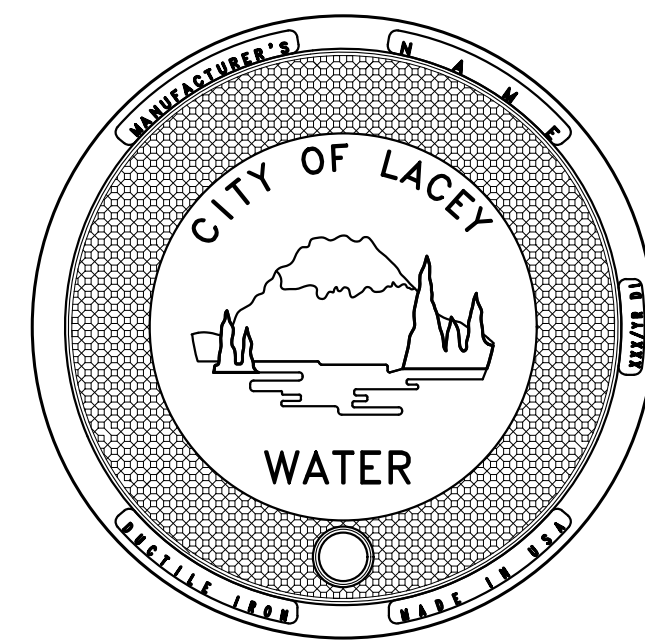


RAISE MANHOLE TO GRADE

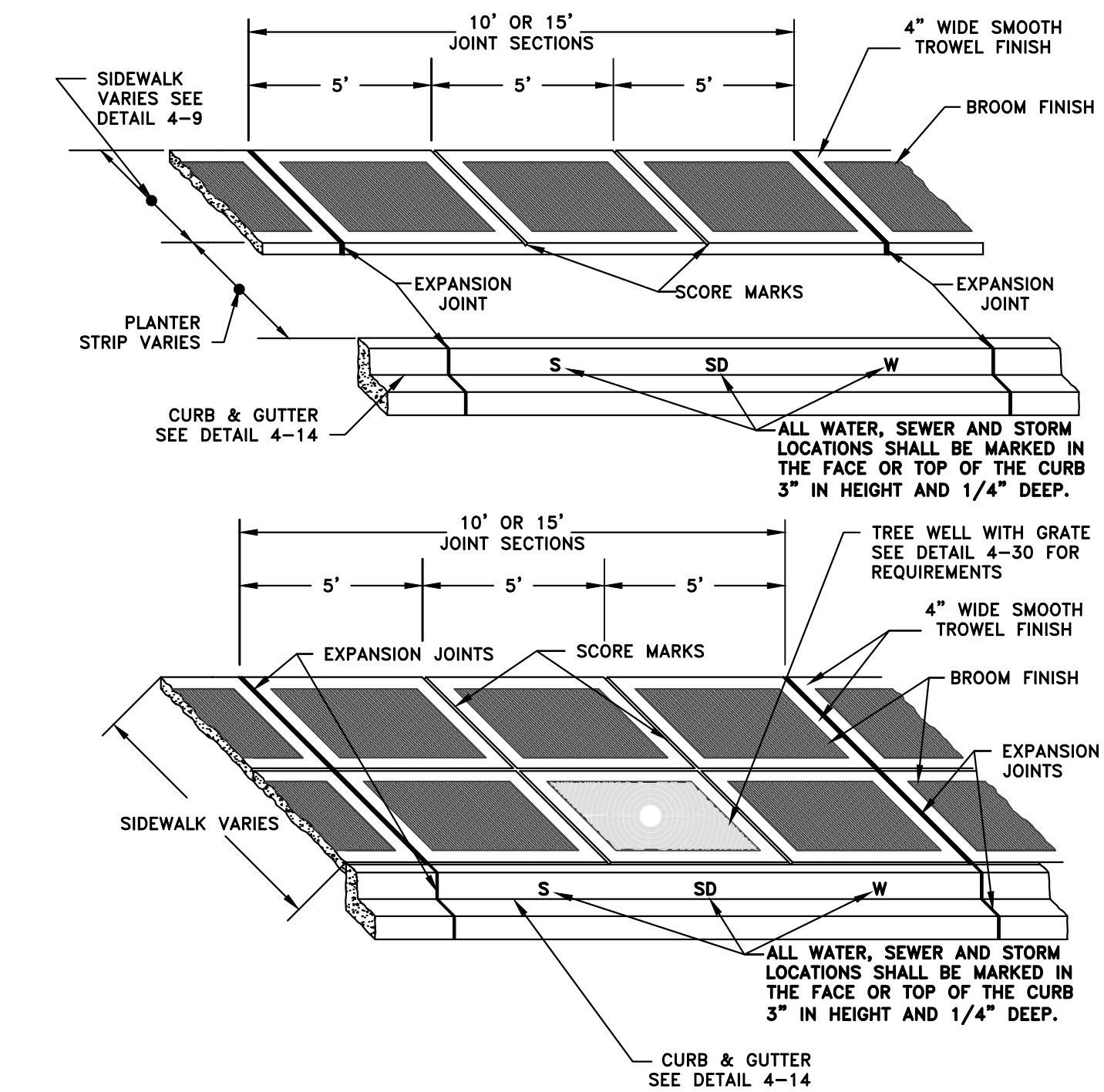


GENERAL NOTES:

1. ON MANHOLES OUTSIDE OF THE ASPHALT ADD REINFORCING STEEL AS SHOWN ABOVE, DEFORMED BAR TO MEET ASTM A615 GRADE 60 FY=60,000 P.S.I.
2. ALL WATER MANHOLE LIDS SHALL BE EAST JORDAN IRON WORKS OR OLYMPIC FOUNDRY WSDOT STYLE #MH-41 CITY OF LACEY LOGO LIDS.
3. ALL LIDS SHALL BE DUCTILE IRON AND MANUFACTURED IN THE USA.



IRON ADJUSTMENTS AND MANHOLE LOGO LIDS
N.T.S.



- GENERAL NOTES:
1. FORMS SHALL BE WOOD OR METAL AND SHALL EXTEND FOR THE FULL DEPTH OF THE CONCRETE, SEE SECTION 8-14.3(2).
 2. ALL FORMS SHALL BE STRAIGHT, FREE FROM WARP AND OF SUFFICIENT STRENGTH TO RESIST THE PRESSURE OF THE CONCRETE WITHOUT SPRING.
 3. EXPANSION JOINT MATERIAL TO BE 3/8" THICK PREMOULDED JOINT FILLER FULL THICKNESS OF CONCRETE AND INSTALLED FLUSH OR 1/4" BELOW FINISH GRADE.
 4. FORM AND SUBGRADE INSPECTION ARE REQUIRED BEFORE POURING CONCRETE.
 5. PLACEMENT OF STREET LIGHTING, TREES, HYDRANTS AND WATER METERS SHALL BE PER THE DETAILS OF ITS PERSPECTIVE SECTIONS.
 6. SCORE MARKS SHALL BE 1/8" TO 1/4" WIDE AND A MINIMUM OF 1" DEEP.
 7. EXPANSION JOINTS SHALL BE INSTALLED IN THE CURB & GUTTER AND SIDEWALK AT THE PC AND PT FOR ALL CURB RETURNS. EXPANSION JOINTS SHALL BE PLACED IN THE SIDEWALK AT THE SAME LOCATIONS AS THOSE IN THE CURB & GUTTER WHEN THE SIDEWALK IS ADJACENT TO CURB & GUTTER, OR UNLESS OTHERWISE DIRECTED BY THE CITY.

CEMENT CONCRETE SIDEWALK

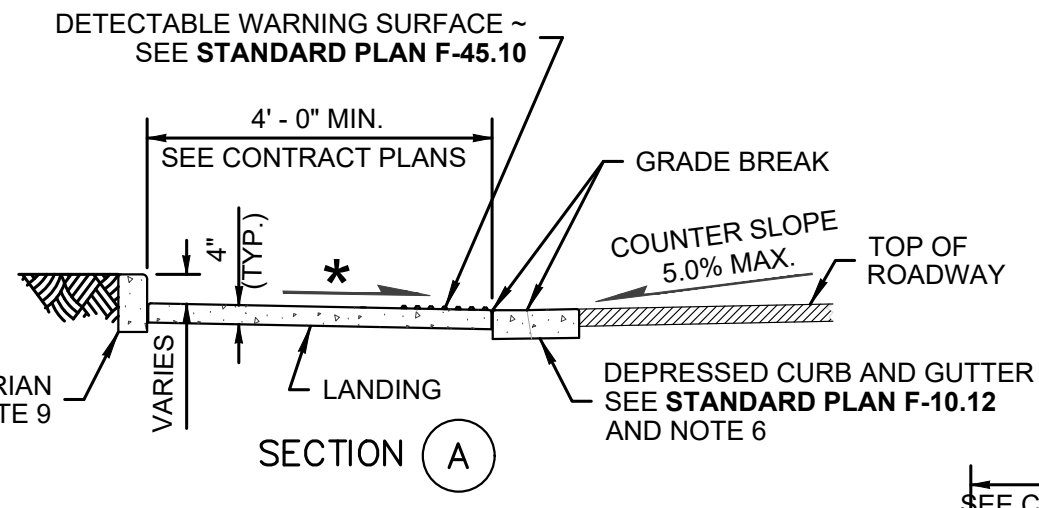
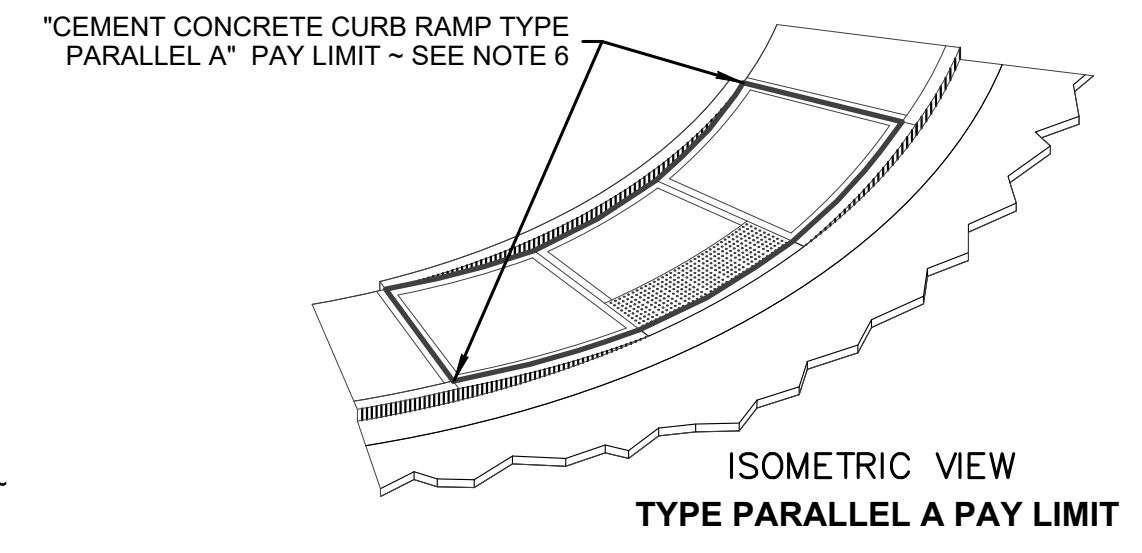
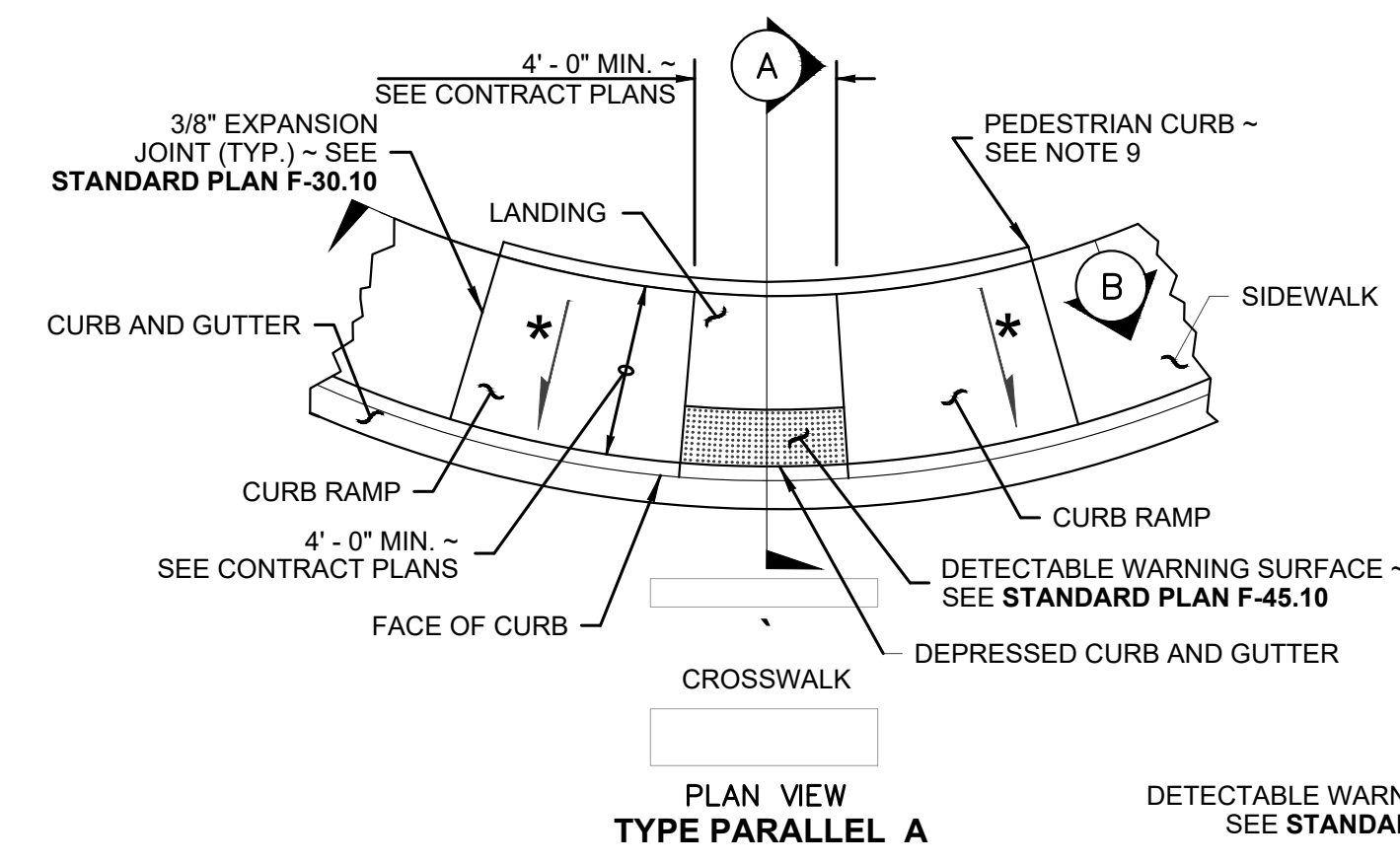
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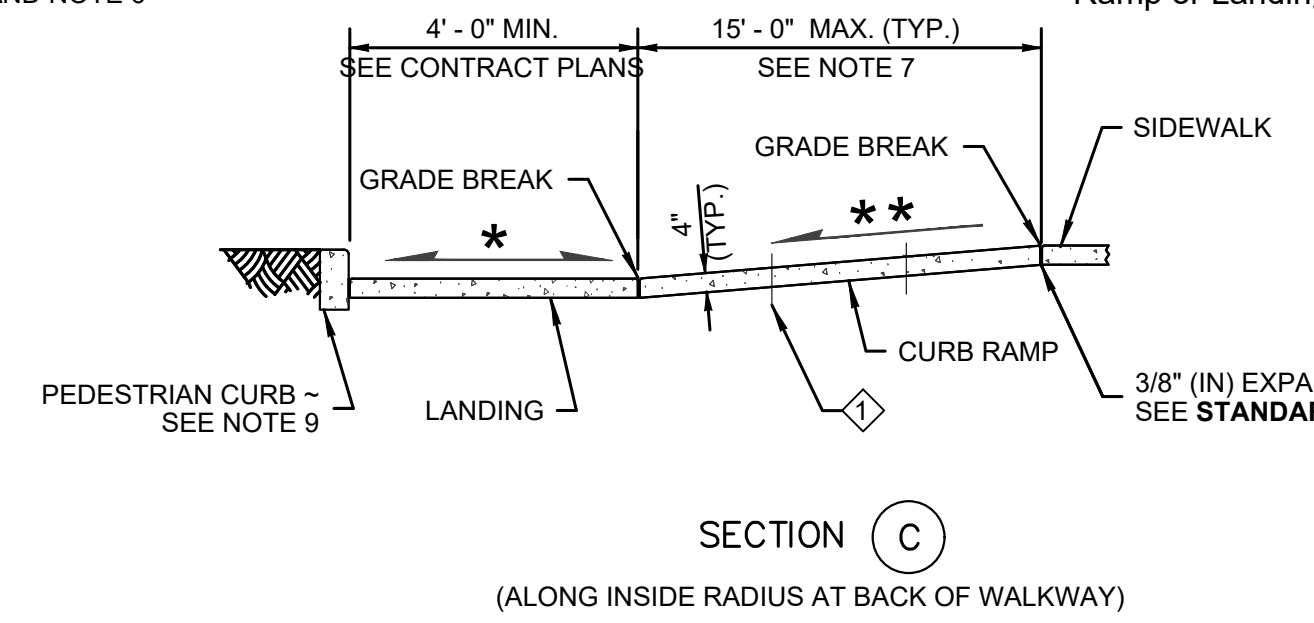
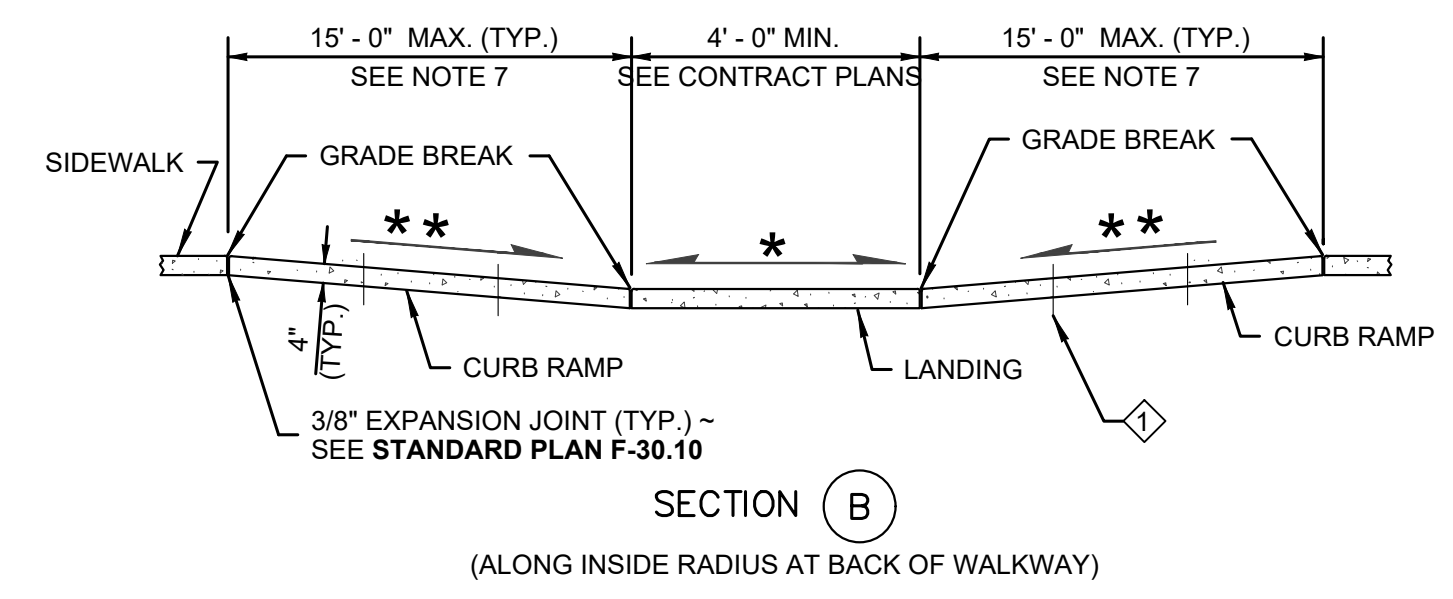
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CHECKED: ADB
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VERT. SCALE: N/A
FILE: DTCON.DWG

PACIFIC/HOMANN RAB IMPROVEMENTS
CONSTRUCTION DETAILS 1

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NO.	DATE	DESCRIPTION	DT1	11
			DWG NO.	OF
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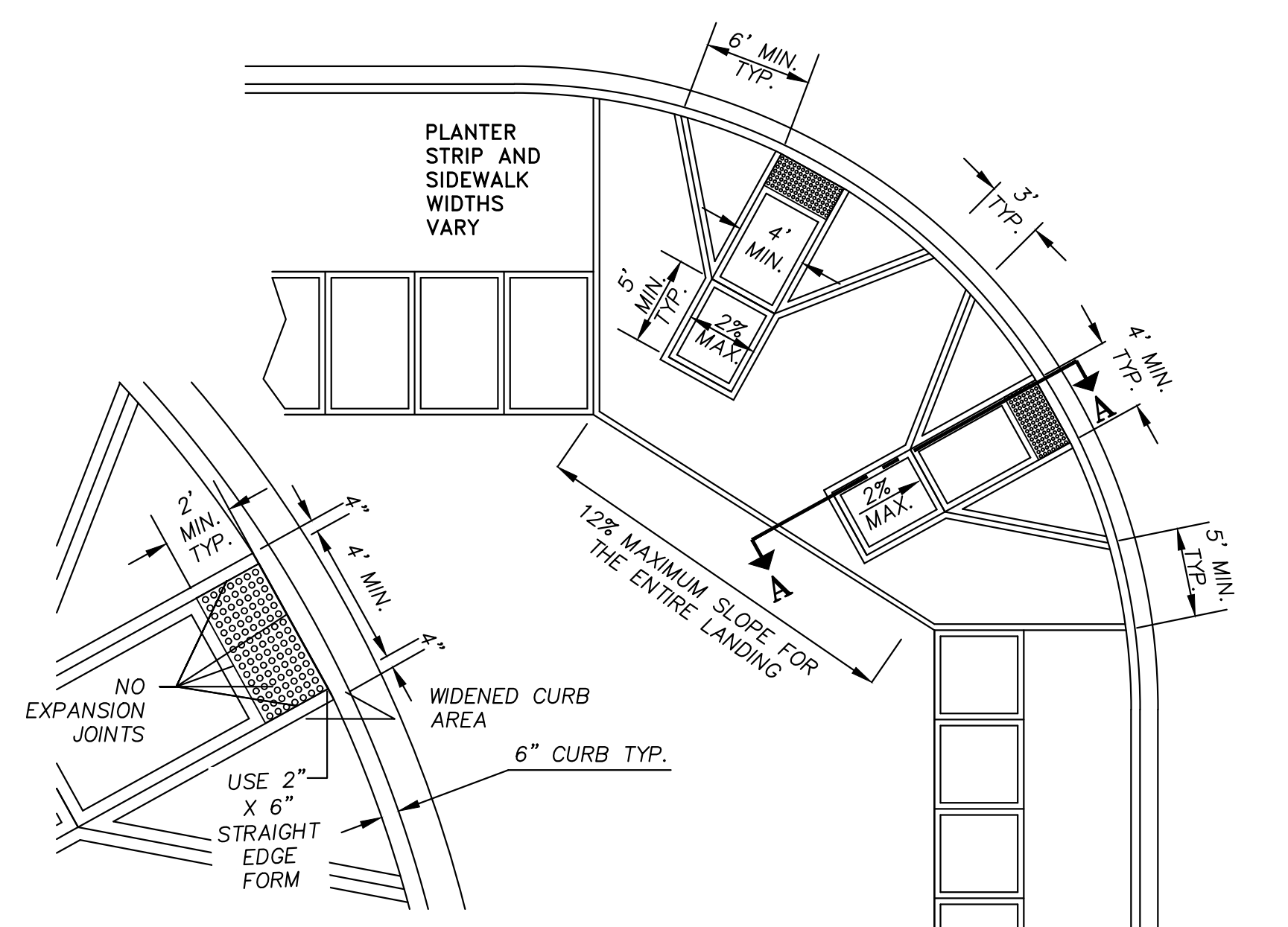
CONTRACTION JOINT (TYP.) - SEE STANDARD PLAN F-30.1 FOR CURB RAMP LENGTHS GREATER THAN 8'-0\"/>



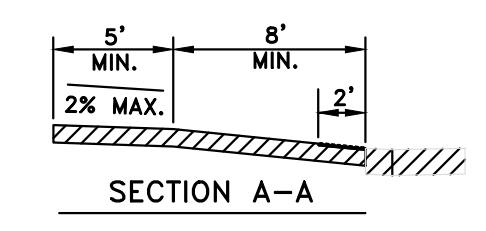
LEGEND
 * 1.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (2% MAX.)
 ** 7.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (8.3% MAX.) - SEE NOTE 7

- NOTES
- At marked crosswalks, the connection between the landing and the roadway must be contained within the width of the crosswalk markings.
 - Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.
 - Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances on any part of the Curb Ramp or Landing, or in the Depressed Curb and Gutter where the Landing connects to the roadway.
 - See Contract Plans for the curb design specified. See **Standard Plan F-10.12** for Curb, Curb and Gutter, Depressed Curb and Gutter, and Pedestrian Curb details.
 - See **Standard Plan F-30.10** for Cement Concrete Sidewalk Details. See Contract Plans for width and placement of sidewalk.
 - The Bid Item "Cement Concrete Curb Ramp Type" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb, or Sidewalks.
 - The Curb Ramp length is not required to exceed 15 feet (unless otherwise shown in the Contract Plans). When applying the 15-foot max. length, the running slope of the curb ramp is allowed to exceed 8.3%. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk over a horizontal distance of 15 feet. Do not include abutting landing(s) in the 15-foot max. measurement. When a ramp is constructed on a radius, the 15-foot max. length is measured on the inside radius along the back of the walkway.
 - Curb Ramps and Landings shall receive a broom finish. See **Standard Specifications 8-14**.
 - Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/or Landing will be at the same elevation as the Curb Ramp or Landing and there will be no material to retain.

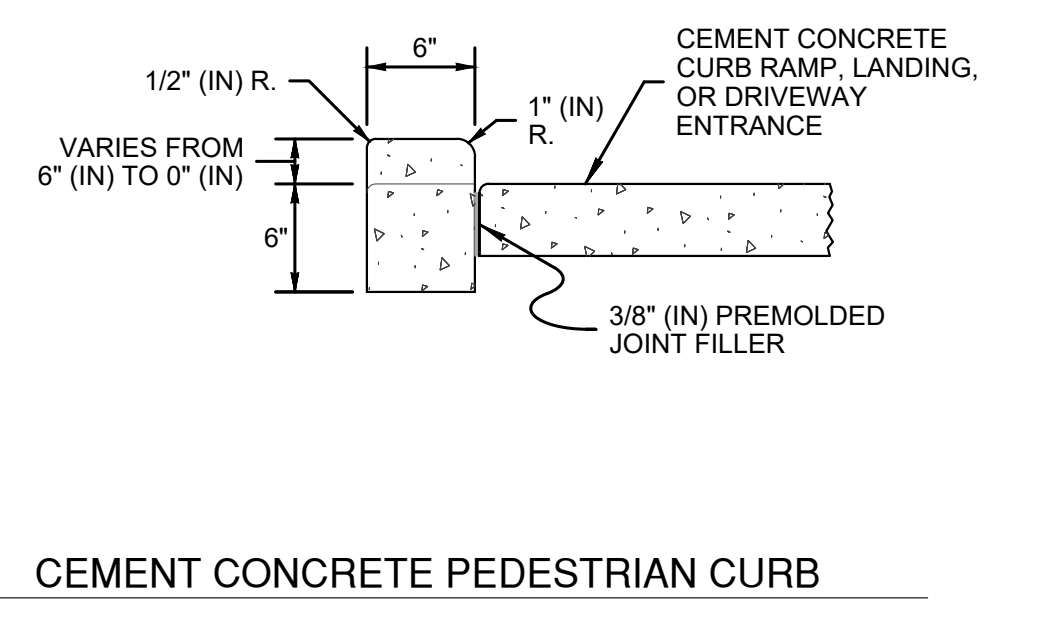
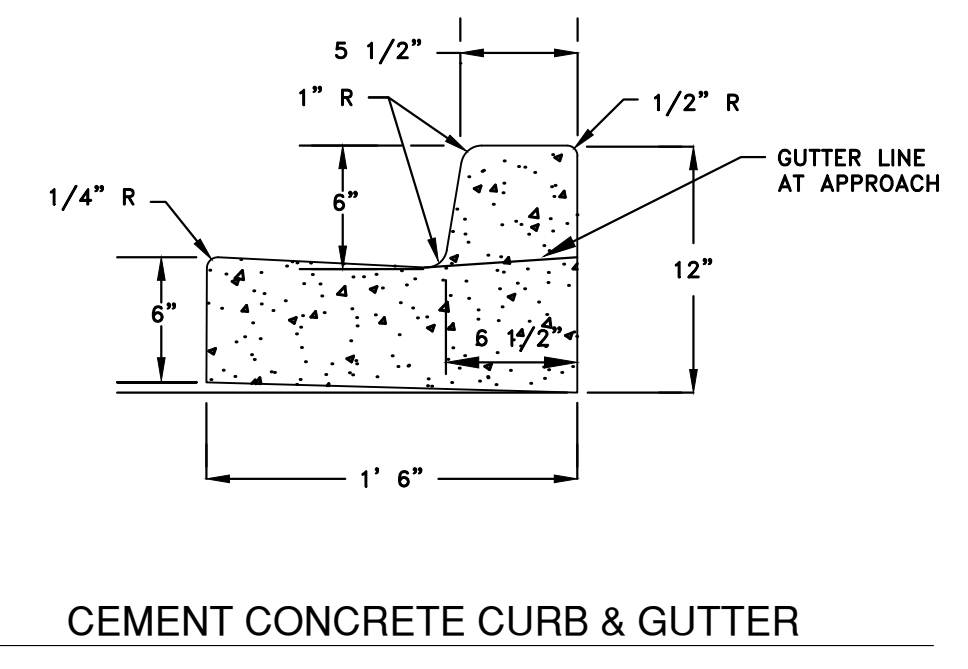
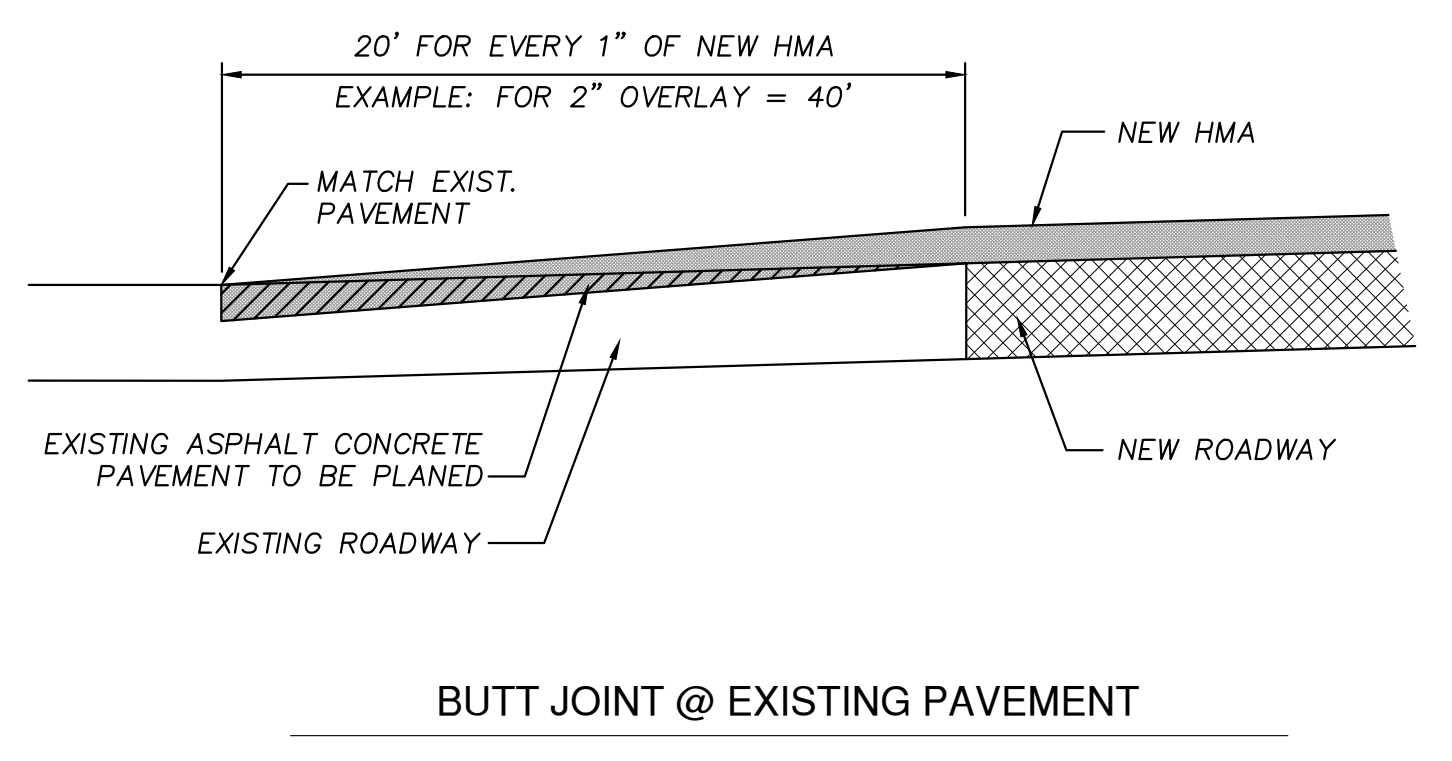
CEMENT CONCRETE CURB RAMP PARALLEL



GENERAL NOTES:
 1. RAMP SLOPES SHALL NOT BE STEEPER THAN 12H:1V; HOWEVER A 14H:1V IS DESIRED.
 2. THE RIGHT-OF-WAY LINE SHALL BE 1' BEHIND THE SIDEWALK.
 3. THE CURB RAMP SHALL BE POURED SEPARATE FROM THE SIDEWALK SECTION.
 4. THE TRUNCATED DOME PANEL IS REQUIRED AS SHOWN AND SHALL BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS.
 5. STAMPING OF TRUNCATED DOMES SHALL NOT BE ALLOWED.
 6. THE TRUNCATED DOME SHALL BE A 2' (W) X 4' (L) PANEL. THE DETECTABLE WARNING PATTERN AREA SHALL BE YELLOW IN COMPLIANCE WITH STANDARD SPECIFICATION 8-14.3.
 7. CUTTING OR ALTERING THE TRUNCATED DOME PANEL SHALL NOT BE ALLOWED.
 8. THERE SHALL BE NO EXPANSION MATERIAL AROUND THE TRUNCATED DOME PANEL.
 9. FOR SIDEWALK SPACING, EXPANSION JOINTS, SCORE MARKS, CRUSHED BEDDING OR ADDITIONAL NOTES SEE DETAILS 4-9 AND 4-10.
 10. THE SLOPE FOR THE ENTIRE LANDING SHALL NOT EXCEED 12%.
 11. IT MAY BE NECESSARY TO CONSTRUCT A WALL, STRUCTURE OR SLOPE TO TRANSITION BETWEEN THE CURB RAMP LANDING AND THE PROPERTY BEHIND IT.
 12. THE BACK EDGE OF THE CURB RAMP SHALL ALIGN WITH THE BACK EDGES OF THE SIDEWALKS ON EACH SIDE OF IT.



CEMENT CONCRETE CURB RAMP PERPENDICULAR



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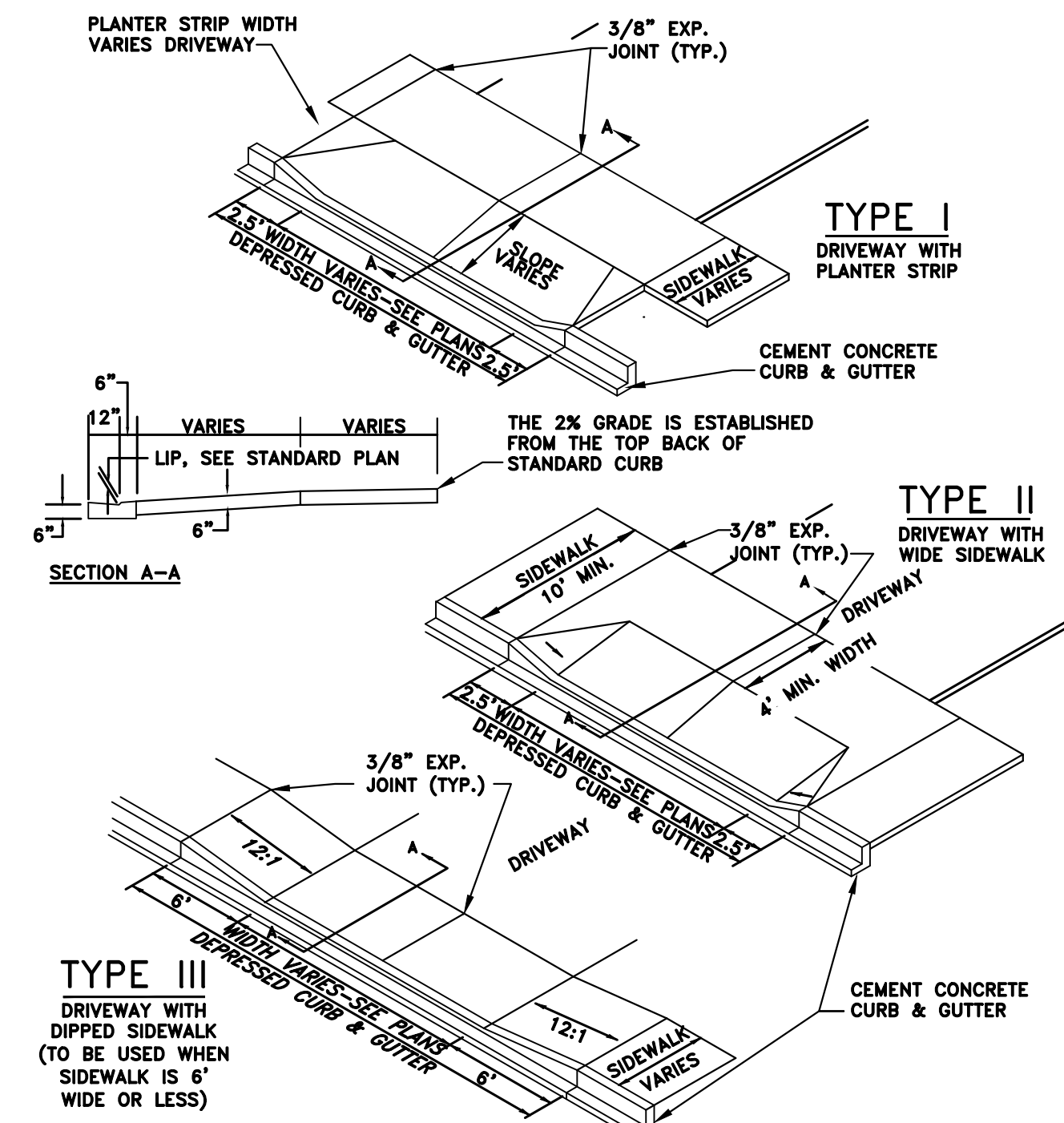


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PACIFIC/HOMANN RAB IMPROVEMENTS
 CONSTRUCTION DETAILS 2

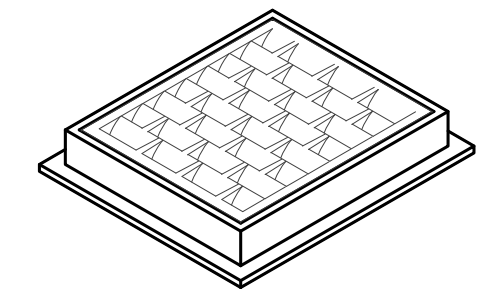
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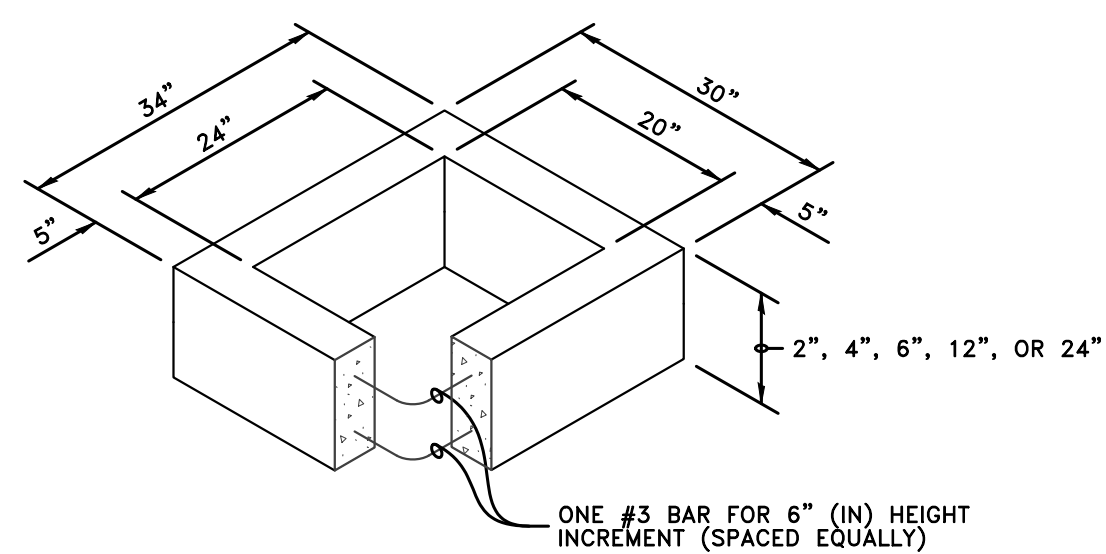


- GENERAL NOTES:**
- FORMS SHALL BE OF WOOD OR METAL AND SHALL EXTEND FOR THE FULL DEPTH OF THE CONCRETE, SEE SECTION 8-14.3(2).
 - ALL FORMS SHALL BE STRAIGHT, FREE FROM WARP AND OF SUFFICIENT STRENGTH TO RESIST THE PRESSURE OF THE CONCRETE WITHOUT SPRING.
 - WHERE D/W EXCEEDS 16' WIDTH A 2" DEEP EXPANSION JOINT SHALL BE PLACED TRANSVERSELY, CENTERED IN WALK.
 - FORM AND SUBGRADE INSPECTION ARE REQUIRED BEFORE POURING CONCRETE.
 - DRIVEWAYS SHALL BE 6" THICK. MIN. SIDEWALK AND DRIVEWAY APRON SHALL BE 6" THICK MIN. THROUGH DRIVEWAY SECTION.
 - SIDEWALK CROSS SLOPE 1% MIN. TO MAX. 2%.

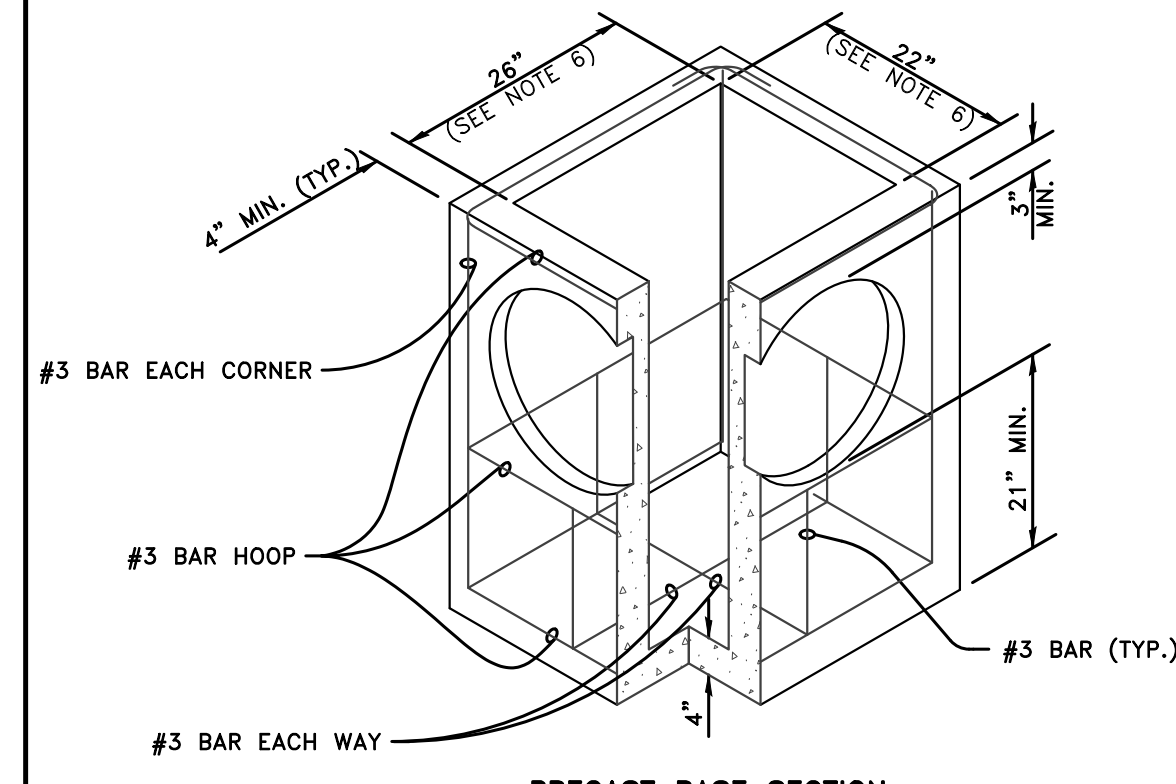
6" CEMENT CONC. DRIVEWAY ENTRANCE



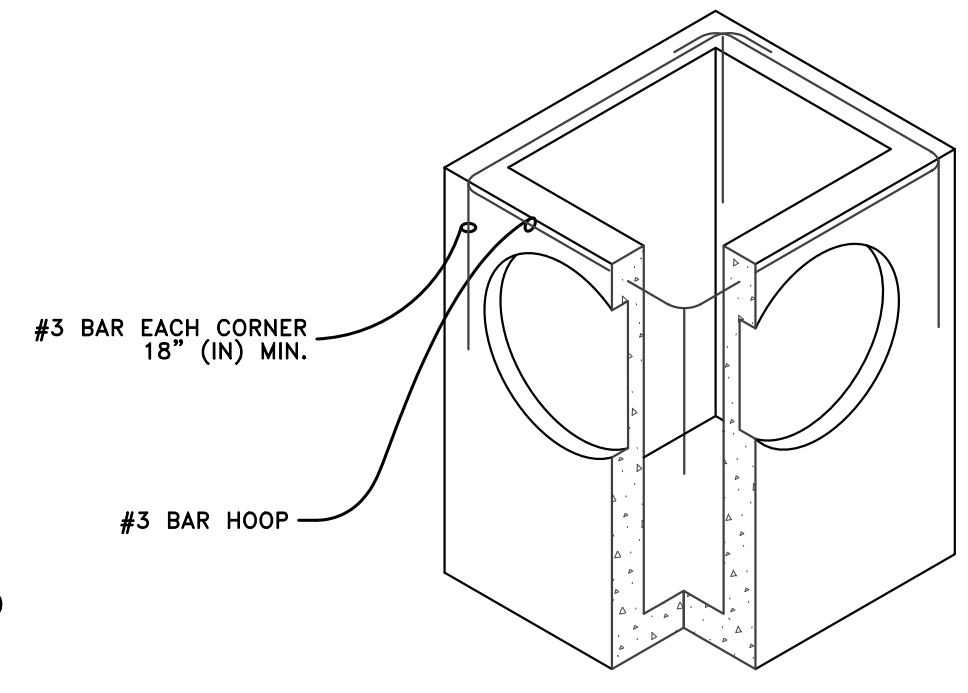
FRAME AND VANED GRATE



RECTANGULAR ADJUSTMENT SECTION



PRECAST BASE SECTION



ALTERNATIVE PRECAST BASE SECTION

- NOTES**
- As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.
 - The knockout diameter shall not be greater than 20" (in). Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification Section 9-04.3.
 - The maximum depth from the finished grade to the lowest pipe invert shall be 5' (ft).
 - The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.
 - The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1 : 24 or steeper.
 - The opening shall be measured at the top of the Precast Base Section. All pickup holes shall be grouted full after the basin has been placed.

CATCH BASIN TYPE 1

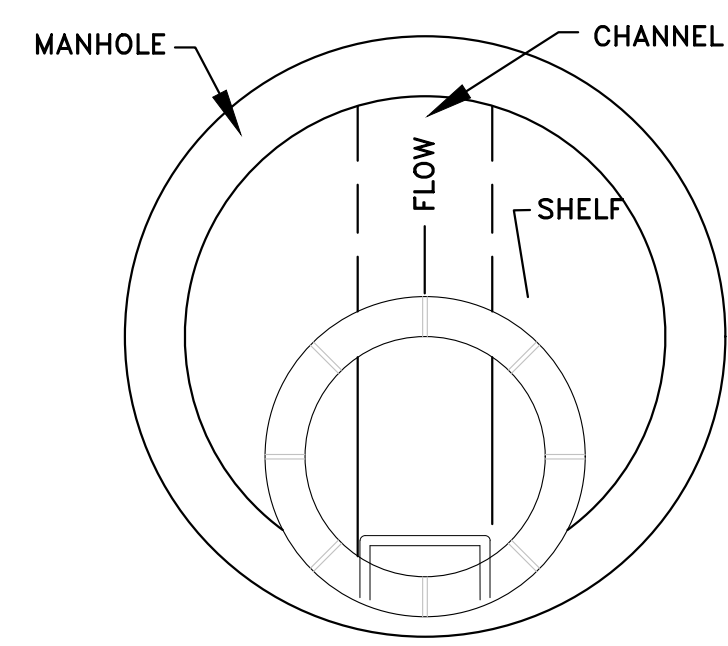
PIPE ALLOWANCES

PIPE MATERIAL	MAXIMUM INSIDE DIAMETER (INCHES)
REINFORCED OR PLAIN CONCRETE	12"
ALL METAL PIPE	15"
CPSP* (STD. SPEC. SECT. 9-05.20)	12"
SOLID WALL PVC (STD. SPEC. SECT. 9-05.12(1))	15"
PROFILE WALL PVC (STD. SPEC. SECT. 9-05.12(2))	15"

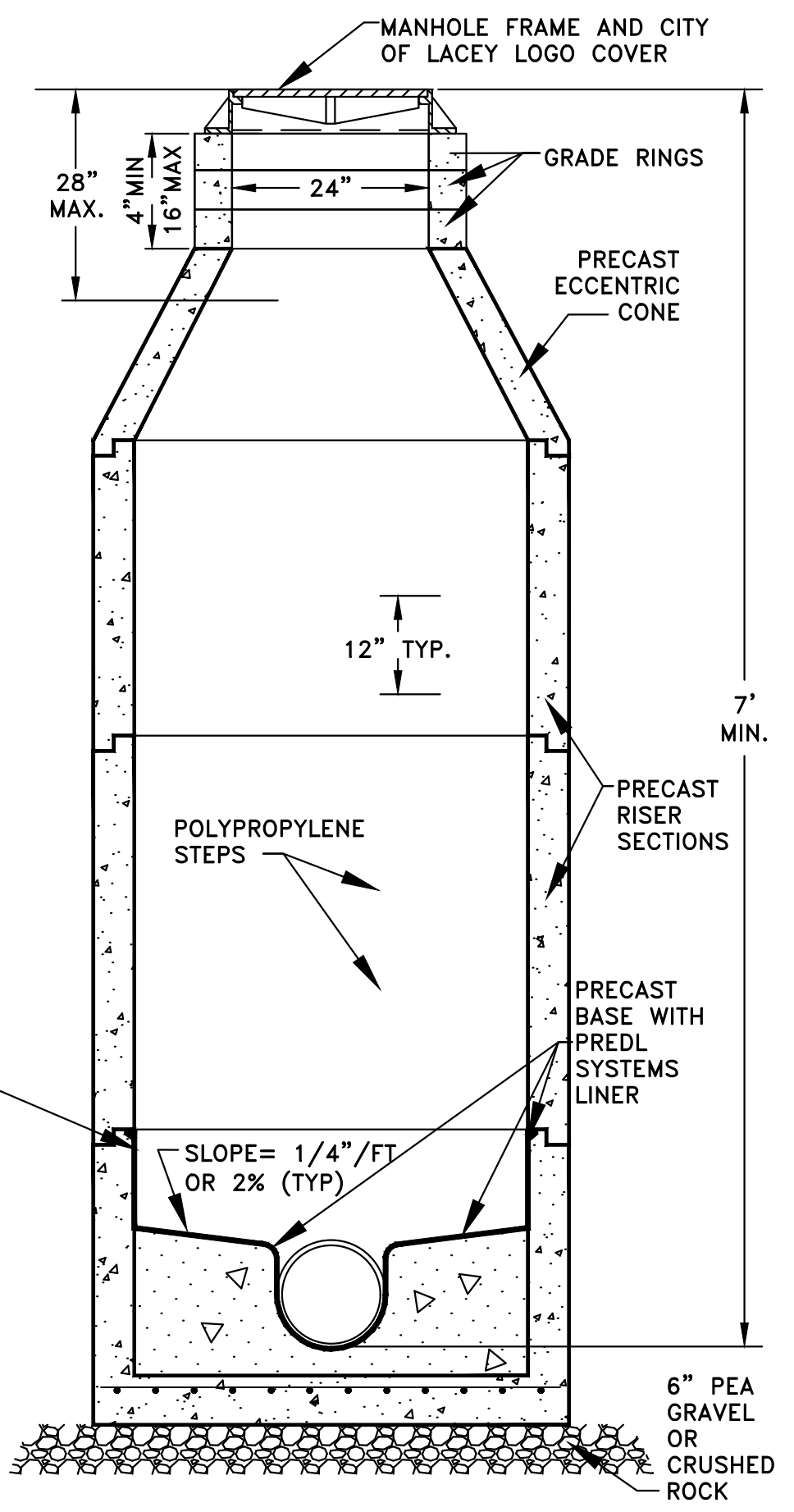
*CORRUGATED POLYETHYLENE STORM SEWER PIPE

PIPE BEDDING SPECIFICATION

SIEVE SIZE	PERCENT PASSING
3/4" SQUARE	100
3/8" SQUARE	70-100
U.S. NO. 4	55-100
U.S. NO. 10	35-95
U.S. NO. 20	20-80
U.S. NO. 40	10-55
U.S. NO. 100	0-10
U.S. NO. 200	0-03

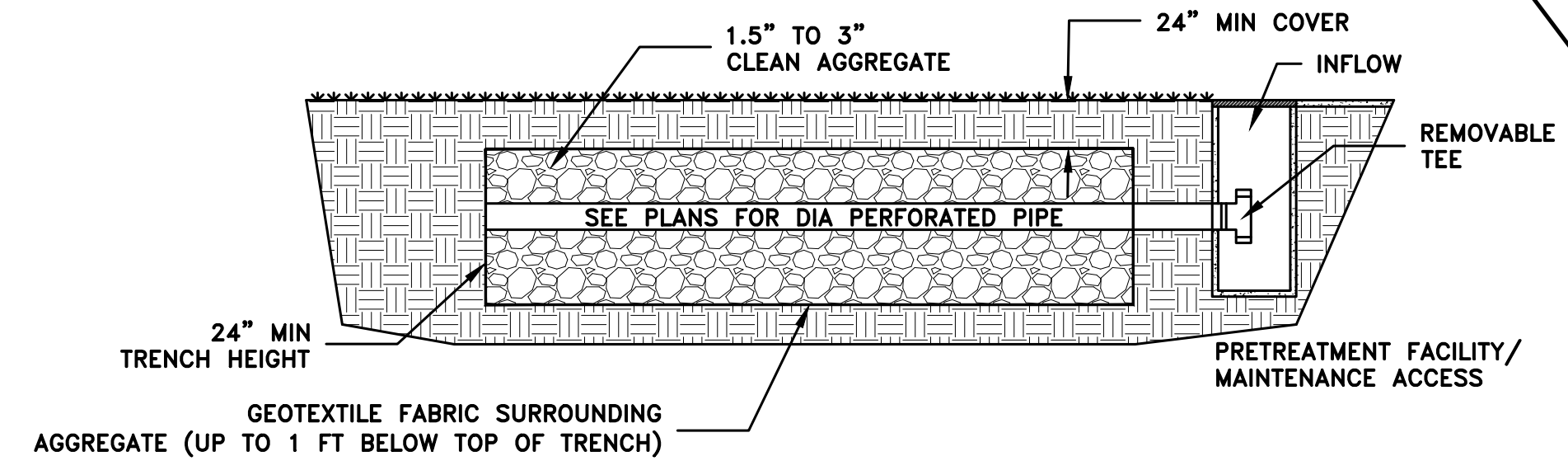


DUCTILE IRON MANHOLE FRAME & COVER AND RUNG PLACEMENT

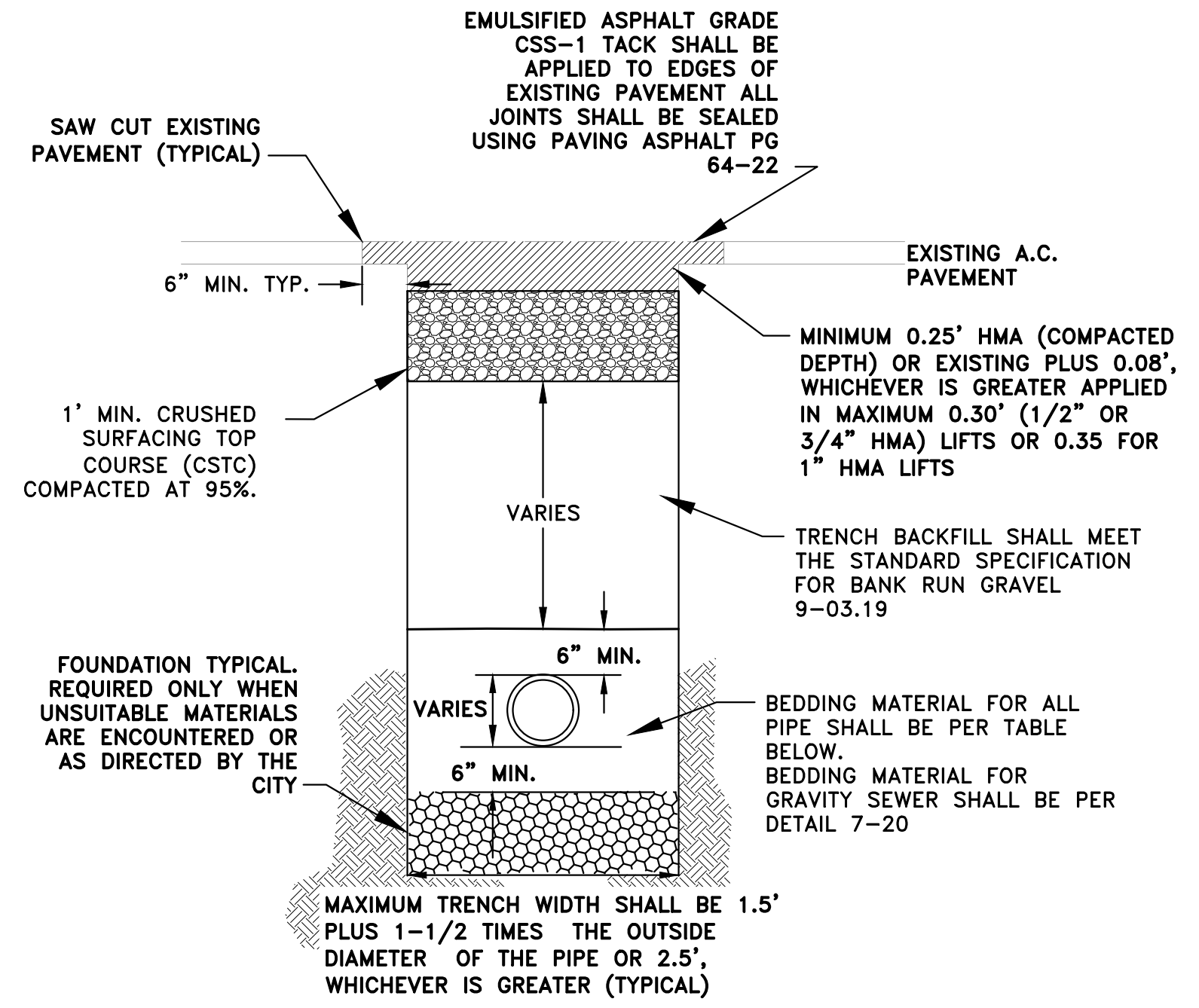


MANHOLE

- GENERAL NOTES:**
- PRECAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C478. JOINTS SHALL BE RUBBER GASKETED CONFORMING TO ASTM C443 AND IN ADDITION THE JOINTS SHALL BE SEALED WITH BEST SEAL MASTIC.
 - THE DUCTILE IRON FRAME AND COVER FOR THE MANHOLE SHALL BE INSTALLED OVER THE OUTFALL CHANNEL AND PIPE.
 - STEPS IN THE MANHOLE SHALL HAVE 6" MINIMUM CLEARANCE.
 - PREDL SYSTEM LINER-BASES SHALL EXTENDED TO THE FIRST JOINT OR BARREL OF ALL MANHOLES.
 - CONNECTION TO EXISTING MANHOLES SHALL BE MADE BY KOR-N-SEAL BOOT OR SAND COLLAR.
 - ALL JOINTS AND LIFTING HOLES SHALL BE GROUTED FROM THE INSIDE AND OUTSIDE.
 - SEE DETAIL FOR MANHOLE COLLAR INSTALLATION.
 - A SEWER GUARD SHALL BE INSTALLED IN ANY MANHOLE SUBJECT TO FLOODING.



INFILTRATION GALLERY



- GENERAL NOTES:**
- ALL MATERIALS EXCEPT H.M.A. SHALL BE COMPACTED IN 6-INCH MAXIMUM LIFTS TO 95% DENSITY AS DETERMINED BY ASTM D1557.
 - ALL MATERIALS, WORKMANSHIP, AND INSTALLATION SHALL BE IN CONFORMANCE WITH THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AS AMENDED BY CITY OF LACEY STANDARDS.
 - KEEP TRENCH BOTTOM COMPACTED WITH UNIFORM GRADE. NO TEMPORARY SUPPORTS, I.E. BLOCKS, WILL BE ALLOWED TO SUPPORT PIPE. TRENCH BOTTOM SHALL BE TO GRADE PRIOR TO PIPE INSTALLATION.
 - SAW CUT PAVEMENT TO MAX. TRENCH WIDTH. BACKFILL AND PAVE TO TOP OF EXISTING PAVEMENT FOR TRENCH WIDTH. ALLOW 24 HOURS MINIMUM FOR TRENCH PATCH TO CURE. GRIND AND PAVE FINAL PATCH AS SHOWN.
 - DEVIATION FROM COMPACTION STANDARDS MAY BE APPROVED BY THE DIRECTOR, OR DESIGNEE, WHERE RECOMMENDED BY THE LICENSED PROFESSIONAL ENGINEER FOR PLANNED OR EXISTING INFILTRATION FACILITIES.
 - EXISTING SURFACES PAVED WITH PERMEABLE MATERIALS SHALL BE REPLACED IN-KIND WHERE FEASIBLE IN CONFORMANCE WITH 4B.180 TRENCH BACKFILL AND RESTORATION.

RESIDENTIAL TRENCH RESTORATION

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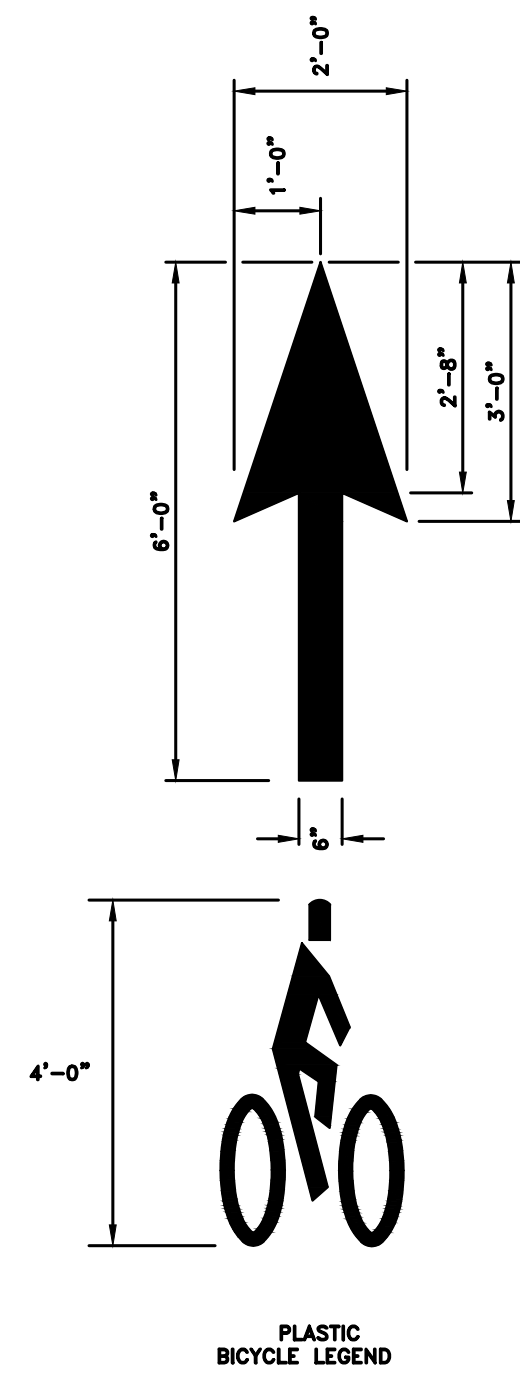


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PACIFIC/HOMANN RAB IMPROVEMENTS
 CONSTRUCTION DETAILS 3

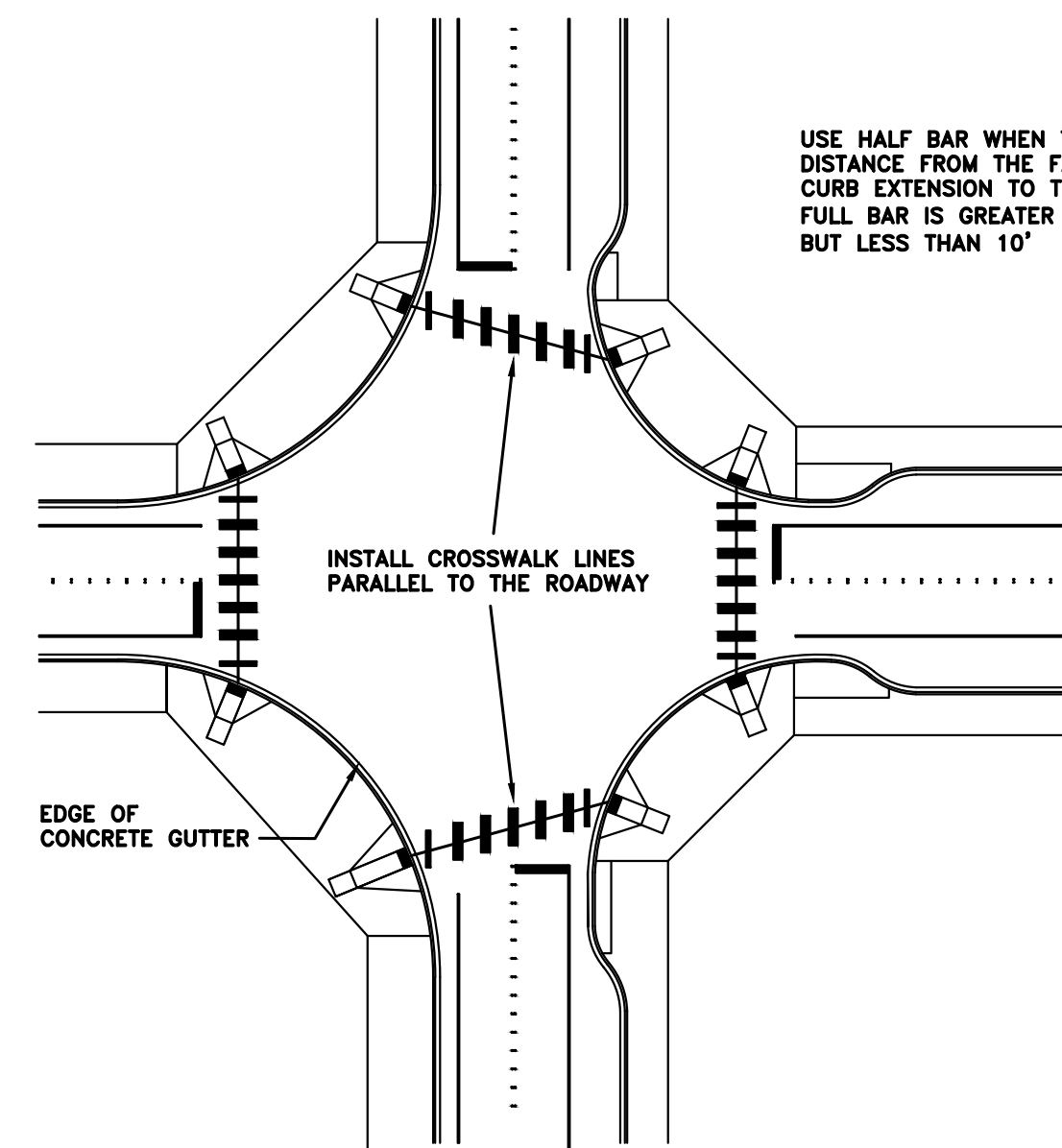
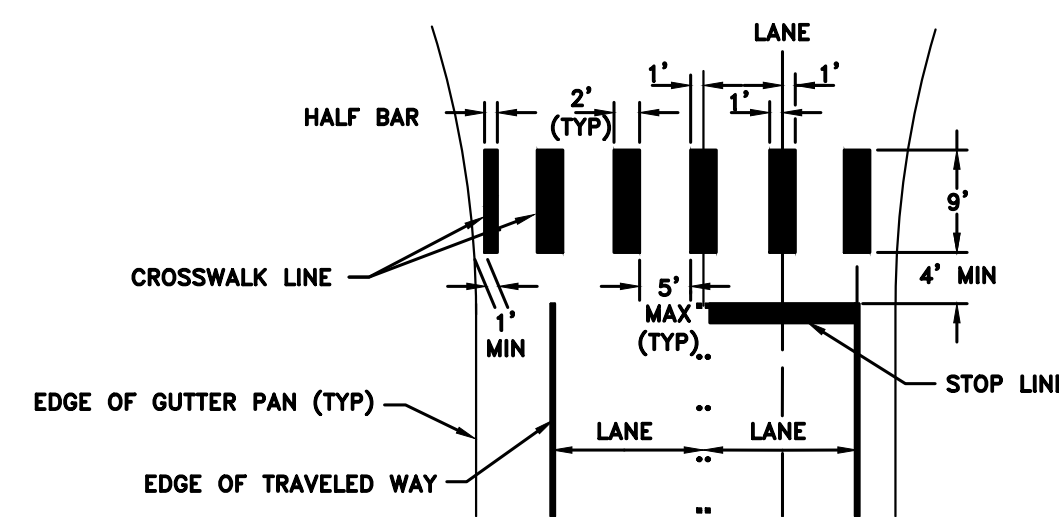
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D-23-10	21



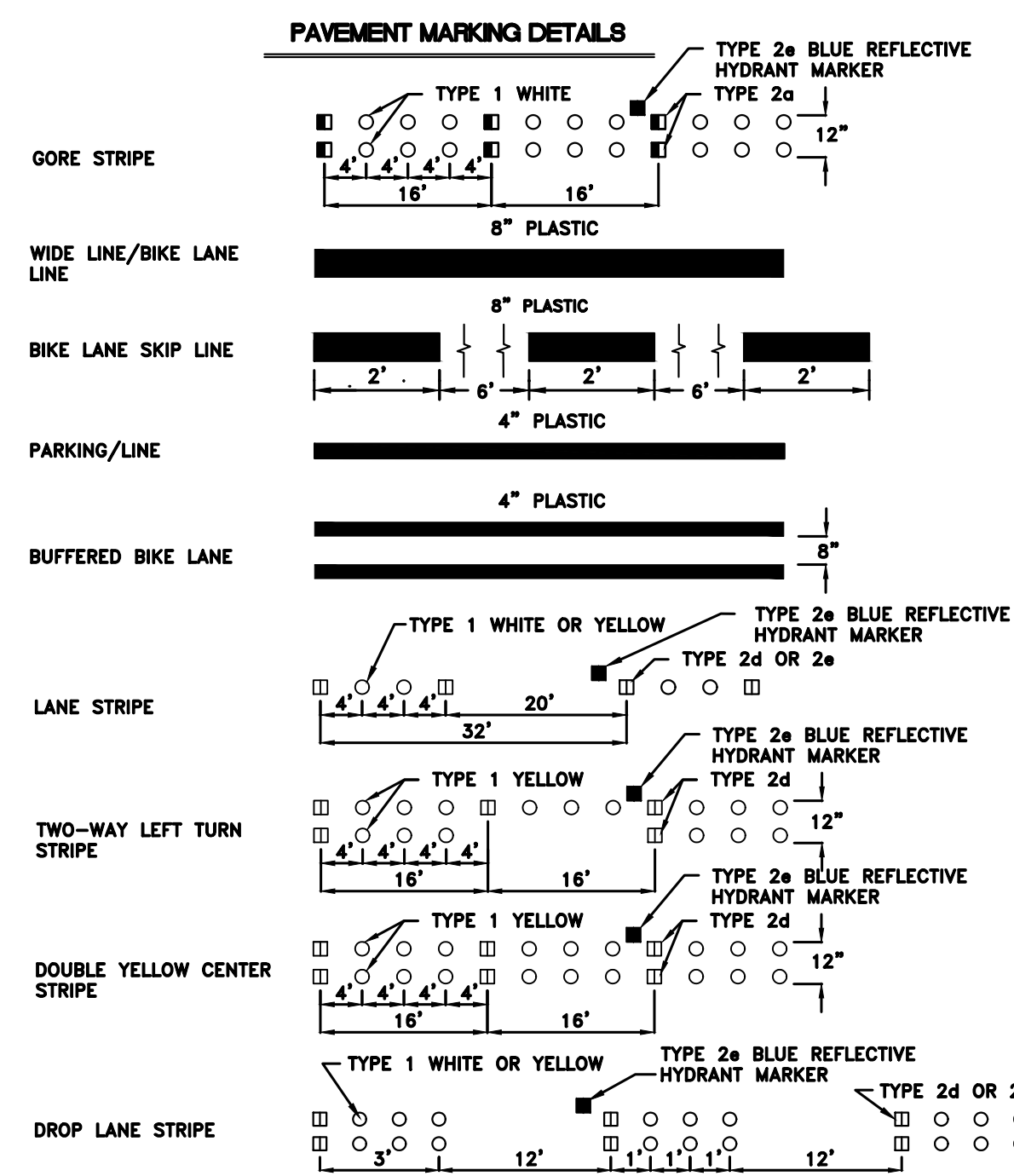
- GENERAL NOTES:**
1. THE MATERIALS USED FOR ALL STOP LINES, CROSSWALKS, ARROWS, PARKING DELINEATION LINES, LETTERS, LEGENDS, AND SYMBOLS SHALL BE PREMARK OR HOT TAPE PREFORMED THERMOPLASTIC 125 MIL THICKNESS.
 2. THE PLASTIC MATERIAL USED TO FORM ALL LONG LINE PAVEMENT MARKINGS SHALL BE PAVE-MARK OR NORLINE THERMOPLASTIC.
 3. ALL MARKINGS SHALL MEET FEDERAL METRIC STANDARDS.

BICYCLE LANE PAVEMENT MARKINGS



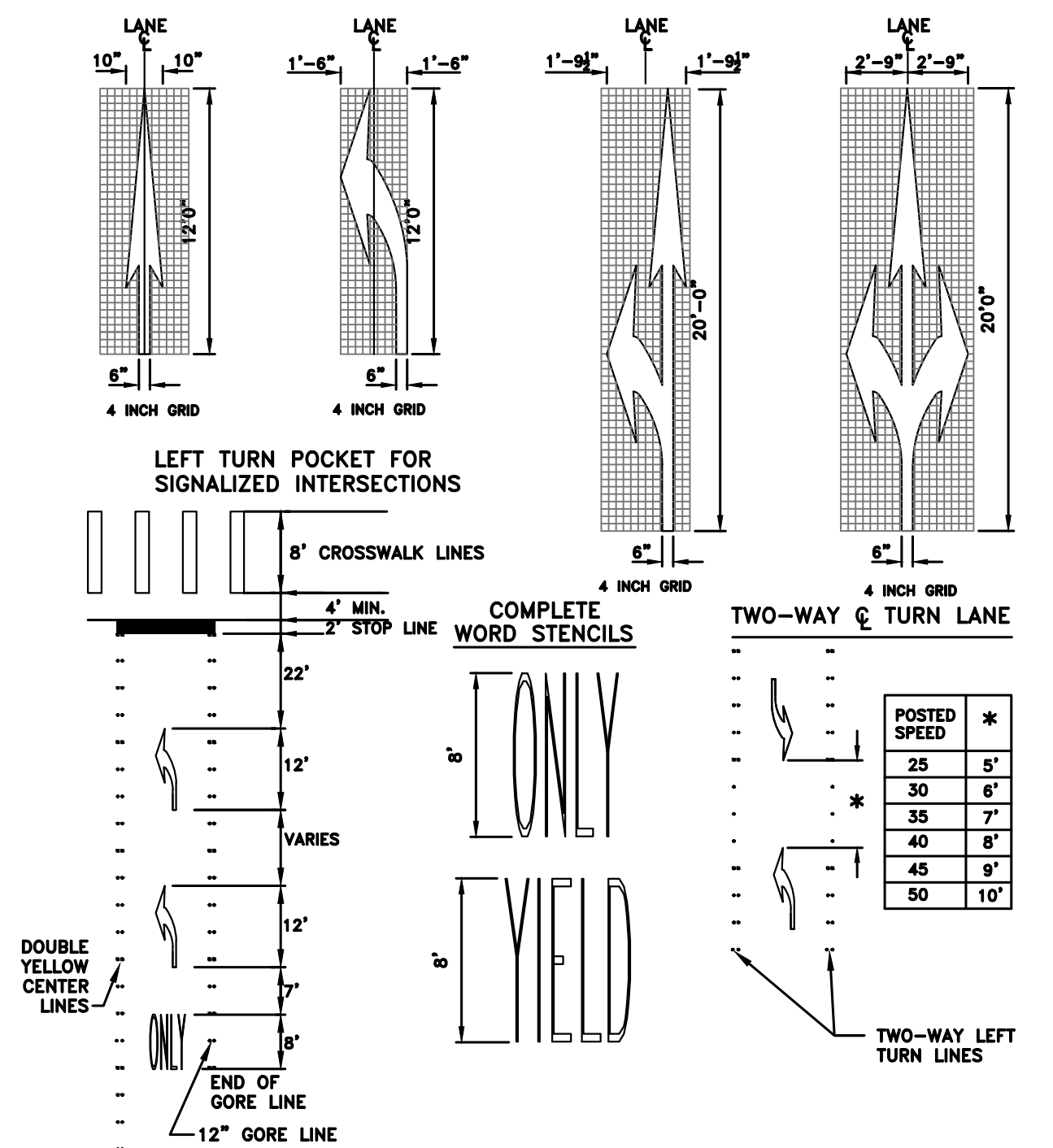
USE HALF BAR WHEN THE DISTANCE FROM THE FACE OF CURB EXTENSION TO THE FIRST FULL BAR IS GREATER THAN 5' BUT LESS THAN 10'

CROSSWALK DETAIL



- LANE MARKERS**
- TYPE 1 LANE MARKERS, WHITE OR YELLOW
 - TYPE 2a REFLECTIVE LANE MARKER, WHITE AND RED
 - TYPE 2d REFLECTIVE LANE MARKER, YELLOW AND YELLOW
 - TYPE 2a REFLECTIVE LANE MARKER, WHITE ONE SIDE ONLY
 - TYPE 2a TWO WAY BLUE REFLECTIVE HYDRANT MARKER INSTALLED 8" OH CENTER FROM THE CENTER OF THE ROADWAY.

STRIPING DETAIL



- GENERAL NOTES:**
1. THE MATERIALS USED FOR ALL STOP LINES, CROSSWALKS, ARROWS, PARKING DELINEATION LINES, LETTERS, LEGENDS, AND SYMBOLS SHALL BE PREMARK OR HOT TAPE PREFORMED THERMOPLASTIC 125 MIL THICKNESS.
 2. THE PLASTIC MATERIAL USED TO FORM ALL LONG LINE PAVEMENT MARKINGS SHALL BE PAVE-MARK OR NORLINE THERMOPLASTIC, HYDROCARBON FORMULATION 125 MIL THICKNESS MARKING MATERIAL.
 3. ALL MARKINGS SHALL MEET FEDERAL METRIC STANDARDS.

PAVEMENT MARKINGS

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 LACEY, WA 98503-1238 (360) 491-5600



DESIGNED: **BP**
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 CHECKED: **ADB**
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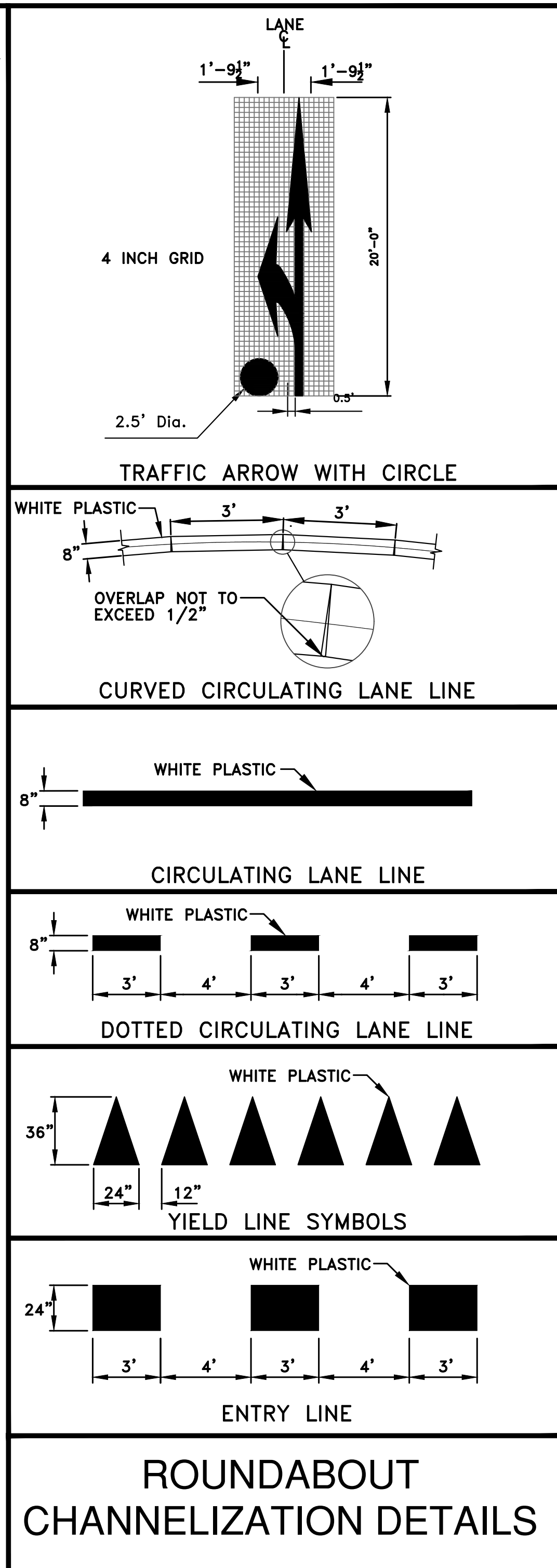
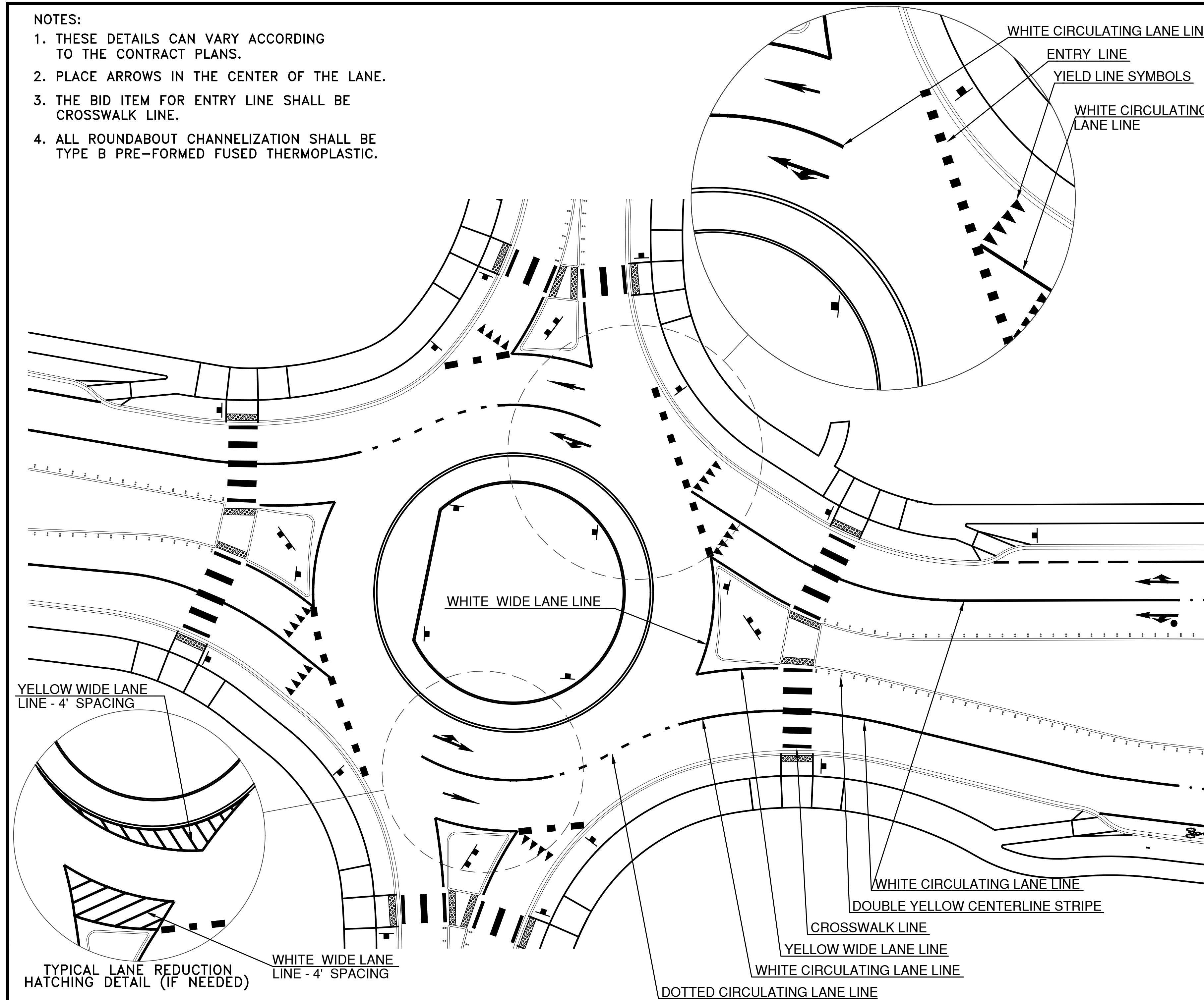
PACIFIC/HOMANN RAB IMPROVEMENTS
 CHANNELIZATION DETAILS 1

REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
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NOTES:

1. THESE DETAILS CAN VARY ACCORDING TO THE CONTRACT PLANS.
2. PLACE ARROWS IN THE CENTER OF THE LANE.
3. THE BID ITEM FOR ENTRY LINE SHALL BE CROSSWALK LINE.
4. ALL ROUNDABOUT CHANNELIZATION SHALL BE TYPE B PRE-FORMED FUSED THERMOPLASTIC.



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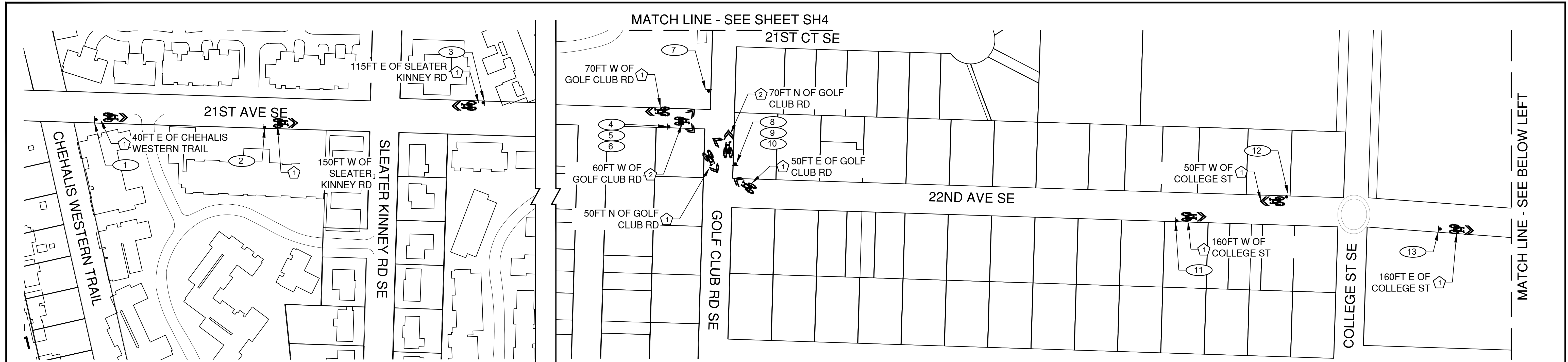


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PACIFIC/HOMANN RAB IMPROVEMENTS
 CHANNELIZATION DETAILS 2

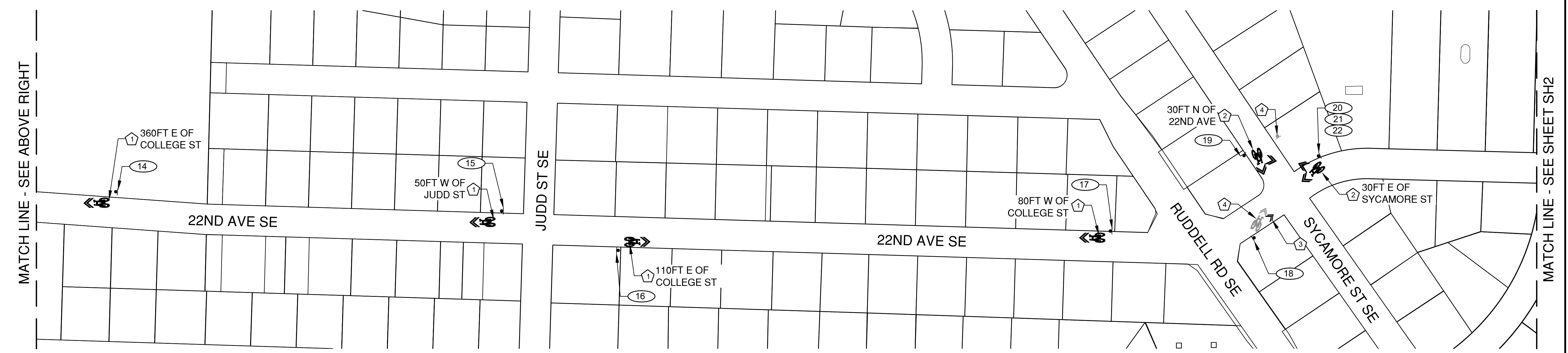
REVISION BLOCK		
NO.	DATE	DESCRIPTION

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ROUTE 2
CHEHALIS WESTERN TRAIL TO SLEATER KINNEY RD SE

ROUTE 2
SLEATER KINNEY RD SE TO COLLEGE ST SE



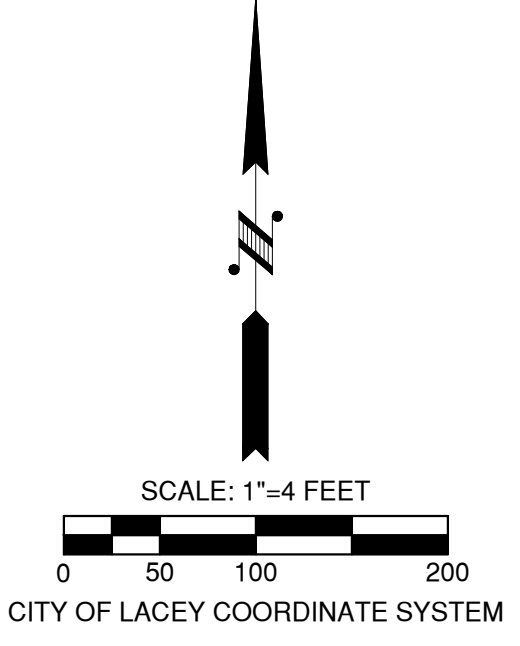
ROUTE 2
COLLEGE ST SE TO SYCAMORE ST SE

CONSTRUCTION NOTES

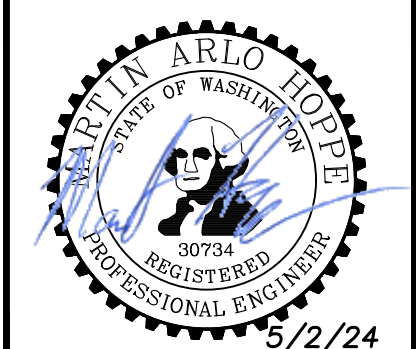
- ① PLASTIC SHARED LANE MARKING
- ② PLASTIC SHARED LANE MARKING WITH DUAL CHEVRON
- ③ PLASTIC CHEVRON SET
- ④ PROTECT EXISTING MARKING OR SIGN

GENERAL NOTES:

- 1. SHARED LANE MARKINGS NOT TO SCALE FOR CLARITY
- 2. SIGN TABLE ON SHEET SH5. SIGNS INDICATED BY #



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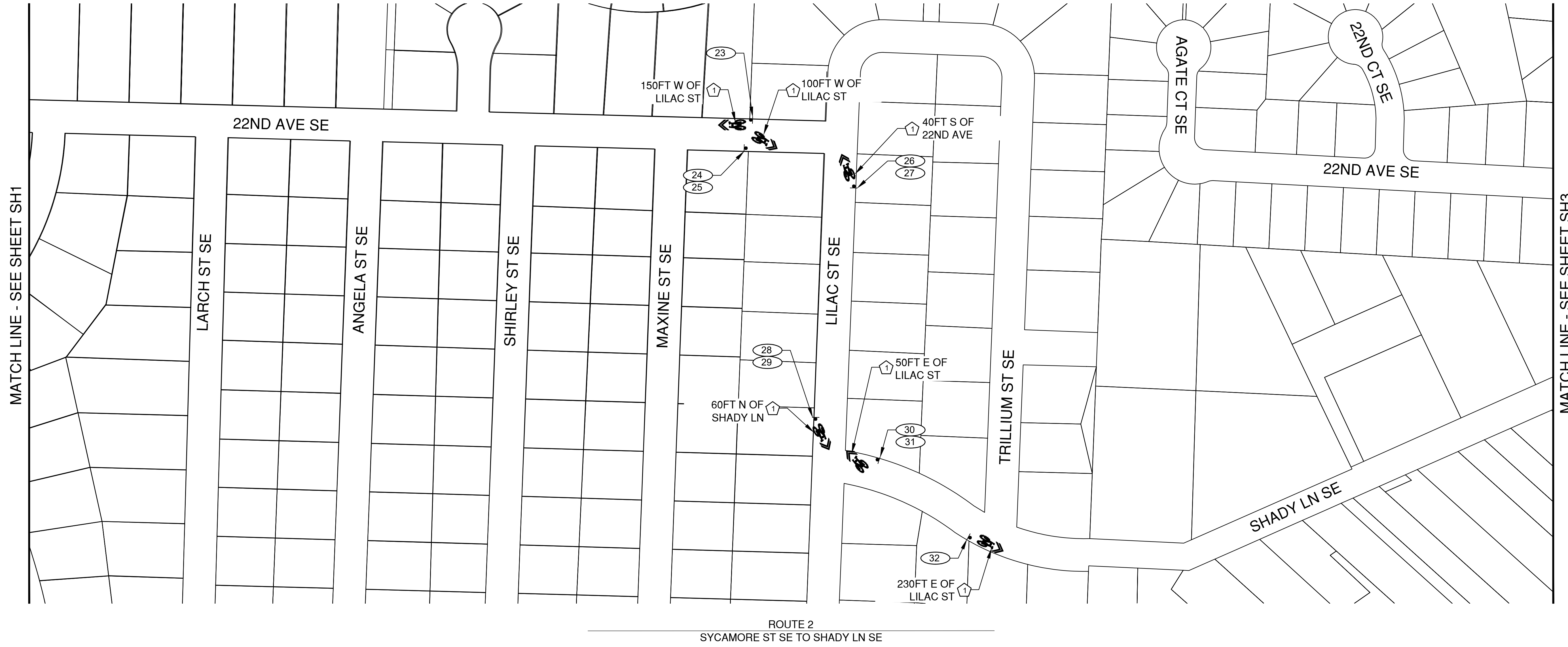


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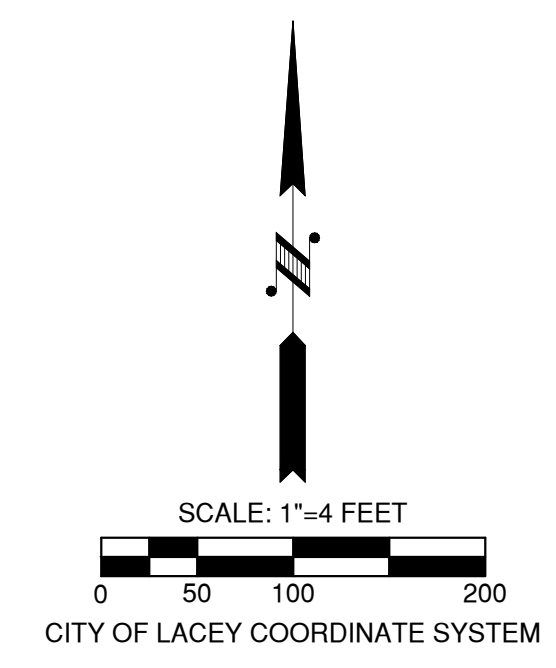
PACIFIC/HOMANN RAB IMPROVEMENTS
SHARROW ROUTE 2 - 1

REVISION BLOCK		
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SHEET NO.	PAGE NO.
SH1	16
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ROUTE 2
SYCAMORE ST SE TO SHADY LN SE



CONSTRUCTION NOTES

- ① PLASTIC SHARED LANE MARKING
- ② PLASTIC SHARED LANE MARKING WITH DUAL CHEVRON
- ③ PLASTIC CHEVRON SET
- ④ PROTECT EXISTING MARKING OR SIGN

GENERAL NOTES:

- 1. SHARED LANE MARKINGS NOT TO SCALE FOR CLARITY
- 2. SIGN TABLE ON SHEET SH5. SIGNS INDICATED BY (#)

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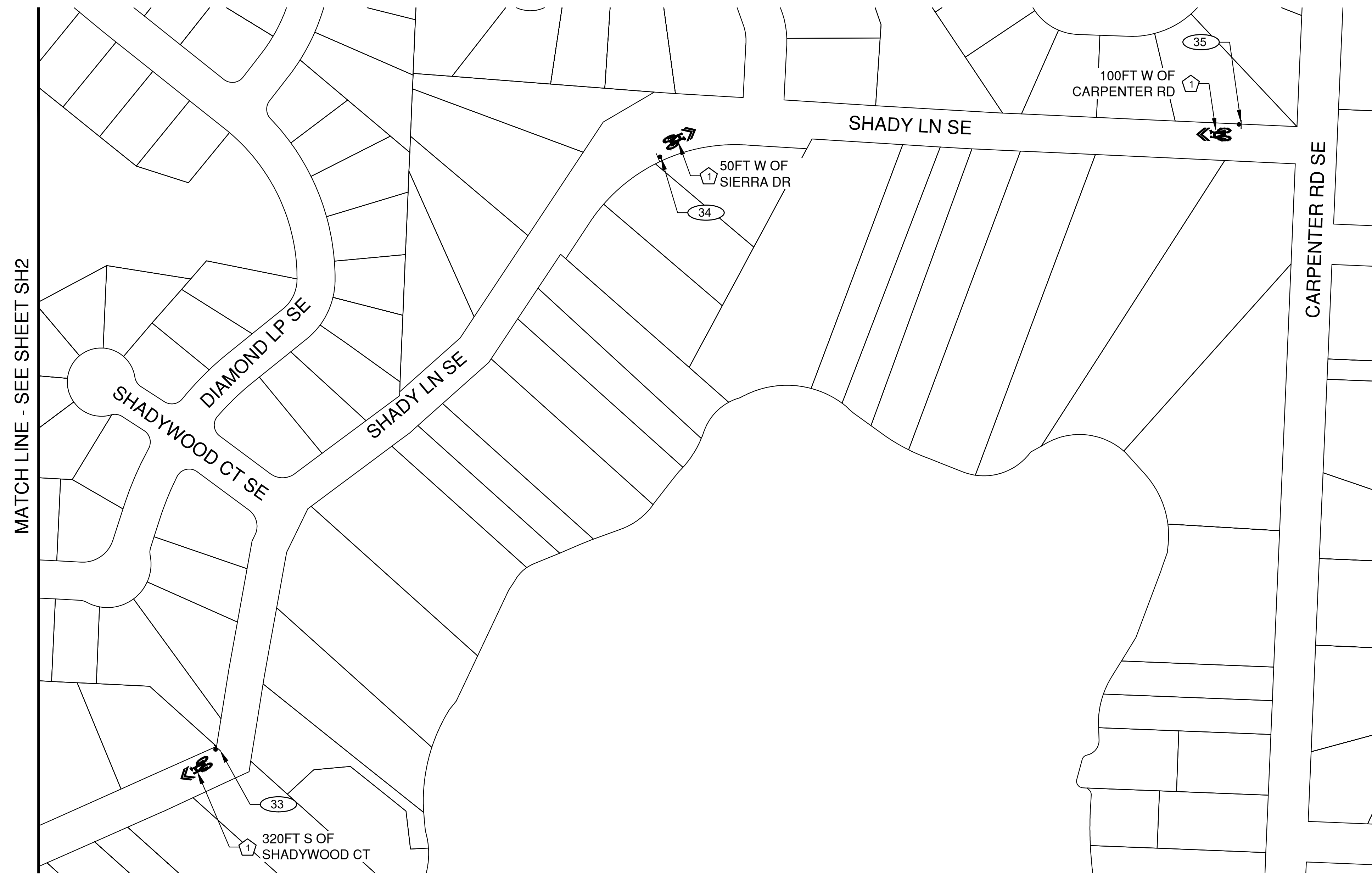


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PACIFIC/HOMANN RAB IMPROVEMENTS
SHARROW ROUTE 2 - 2

REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
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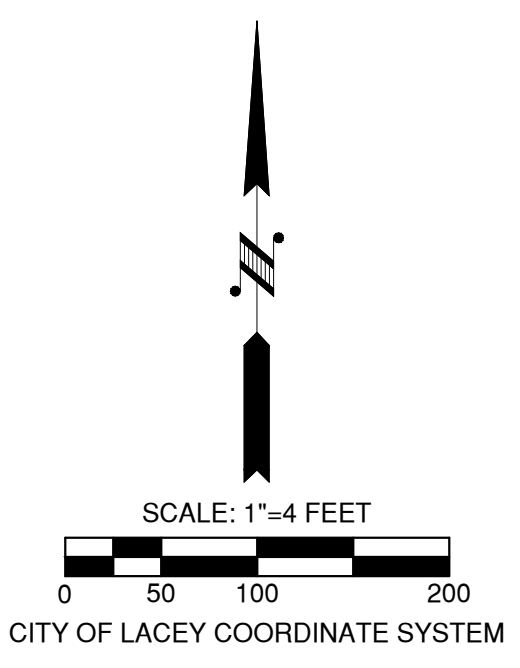
ROUTE 2
SHADY LN SE TO CARPENTER RD SE

CONSTRUCTION NOTES

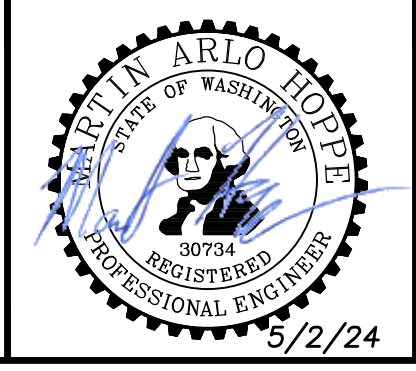
- ① PLASTIC SHARED LANE MARKING
- ② PLASTIC SHARED LANE MARKING WITH DUAL CHEVRON
- ③ PLASTIC CHEVRON SET
- ④ PROTECT EXISTING MARKING OR SIGN

GENERAL NOTES:

- 1. SHARED LANE MARKINGS NOT TO SCALE FOR CLARITY
- 2. SIGN TABLE ON SHEET SH5. SIGNS INDICATED BY (#)



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VERT. SCALE: N/A
FILE: SH.DWG

PACIFIC/HOMANN RAB IMPROVEMENTS
SHARROW ROUTE 2 - 3

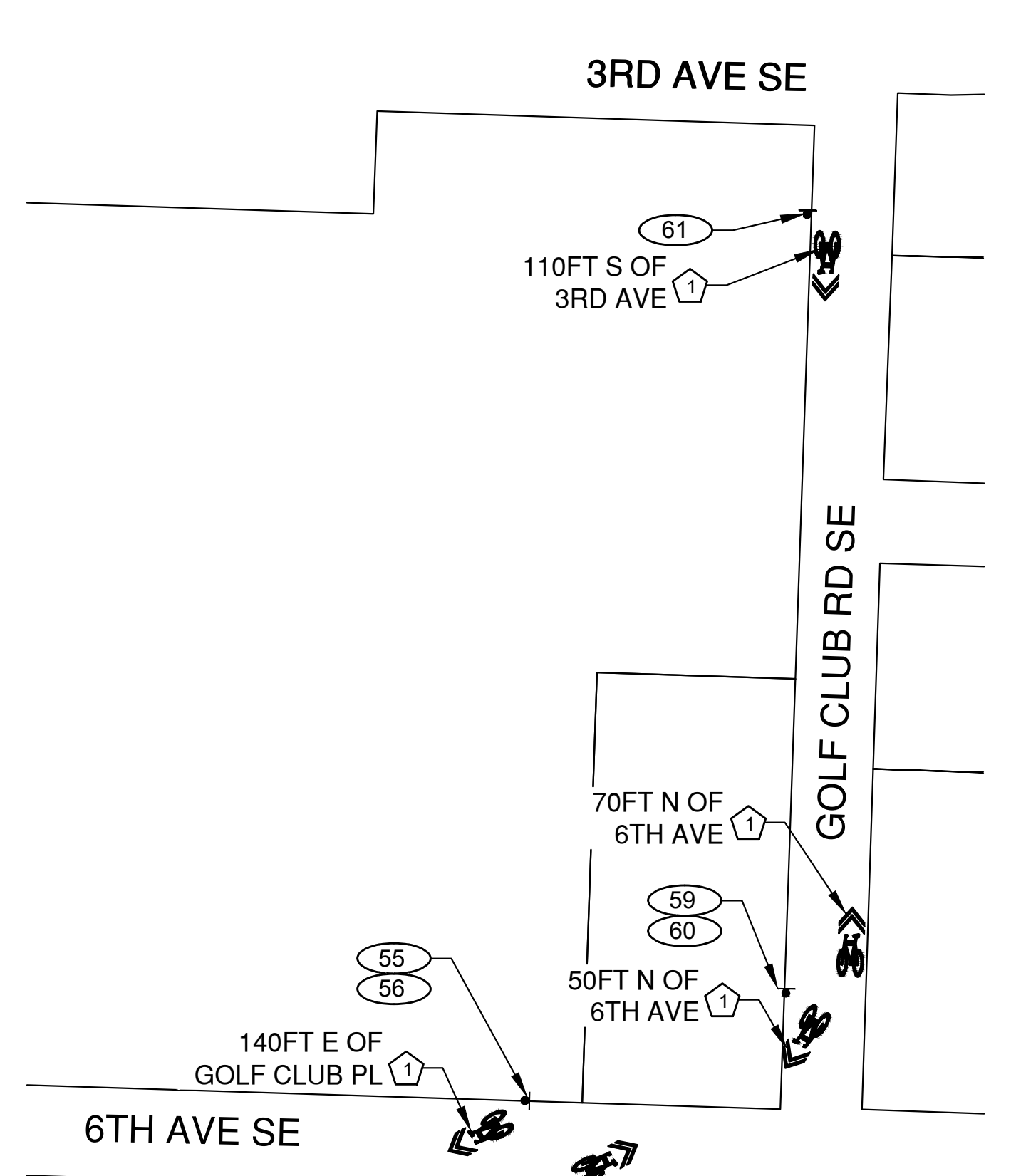
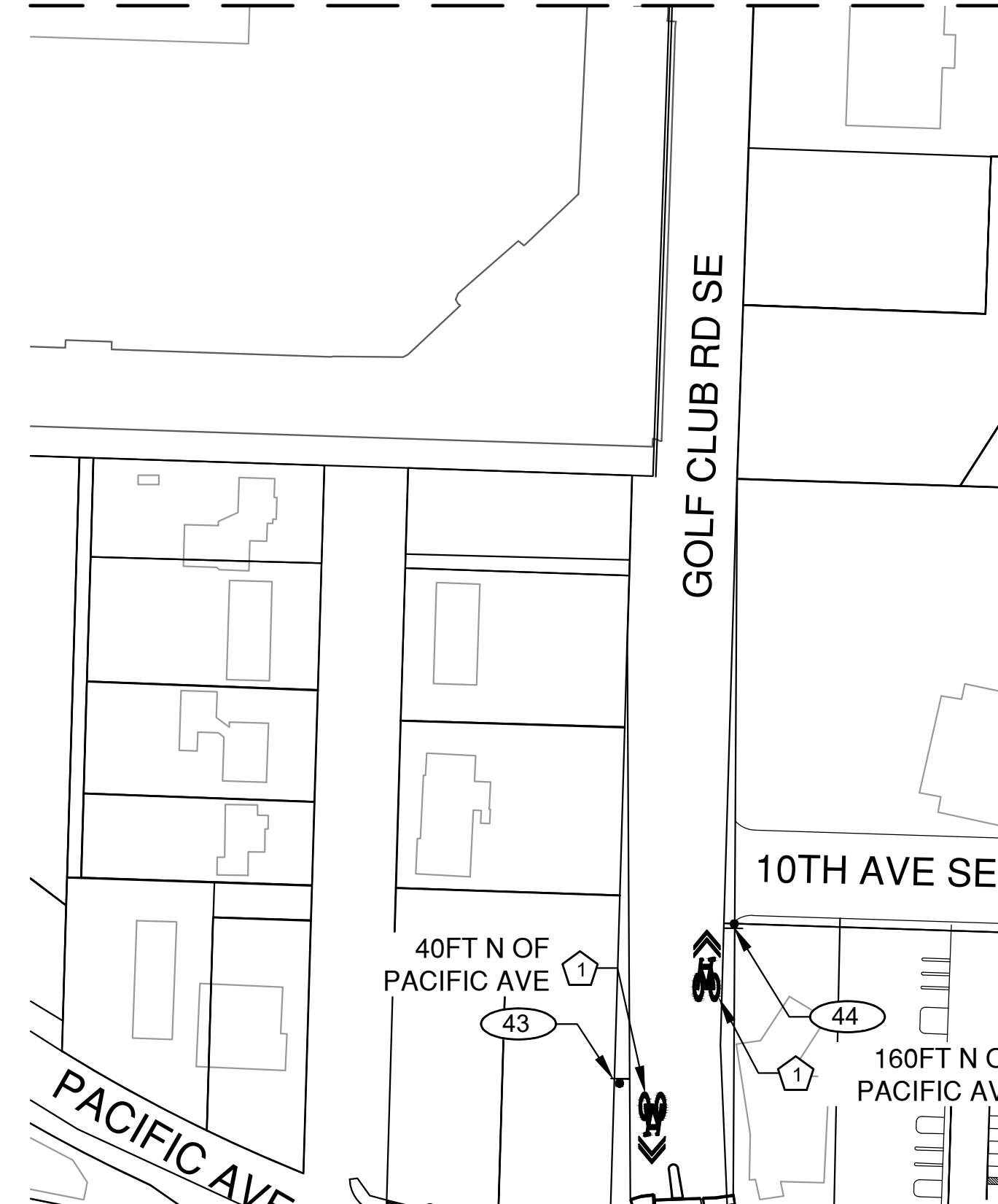
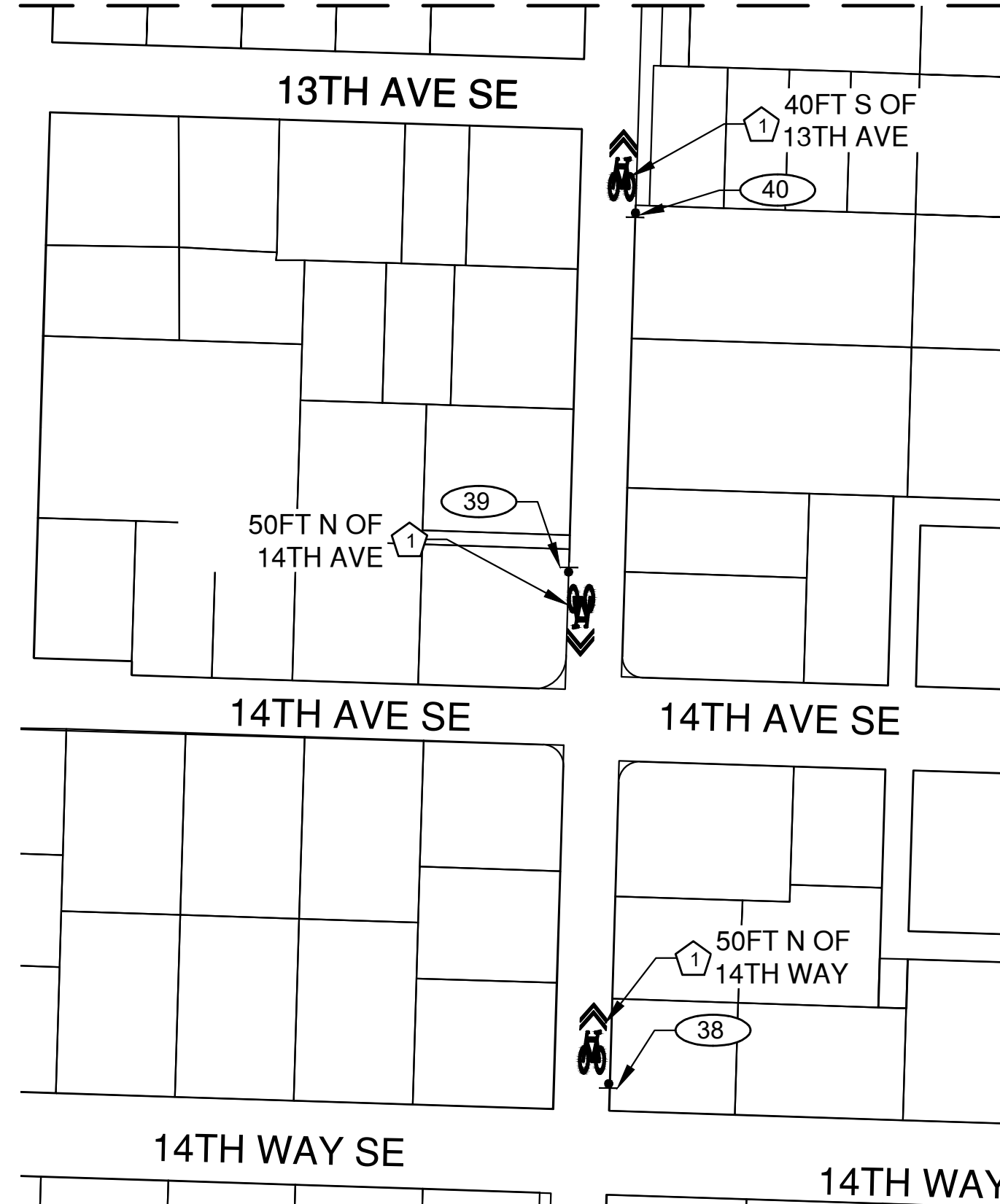
REVISION BLOCK		
NO.	DATE	DESCRIPTION

SHEET NO.	PAGE NO.
SH3	18
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MATCH LINE - SEE BELOW RIGHT

MATCH LINE - SEE BELOW RIGHT

MATCH LINE - SEE BELOW RIGHT



MATCH LINE - SEE SHEET SH1

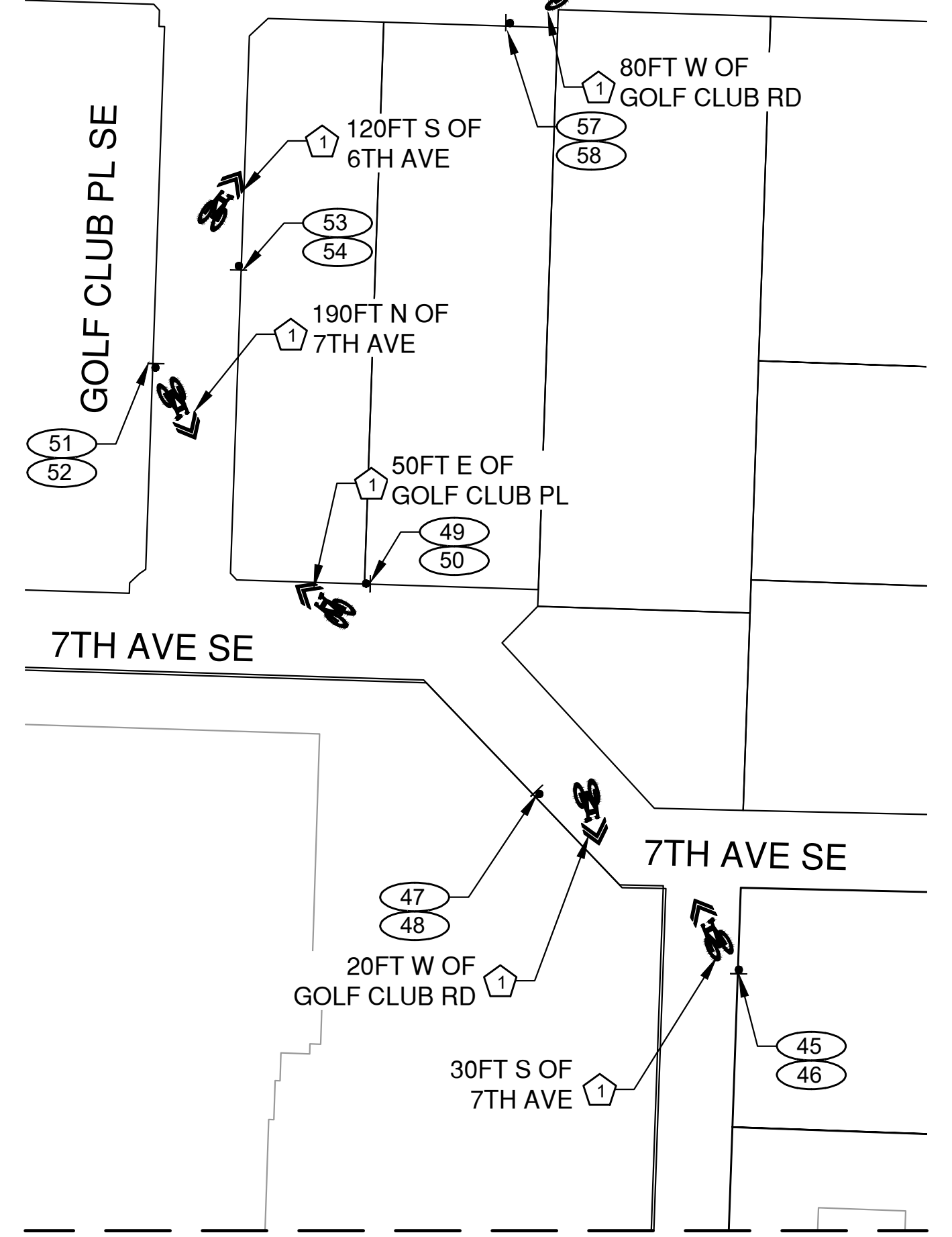
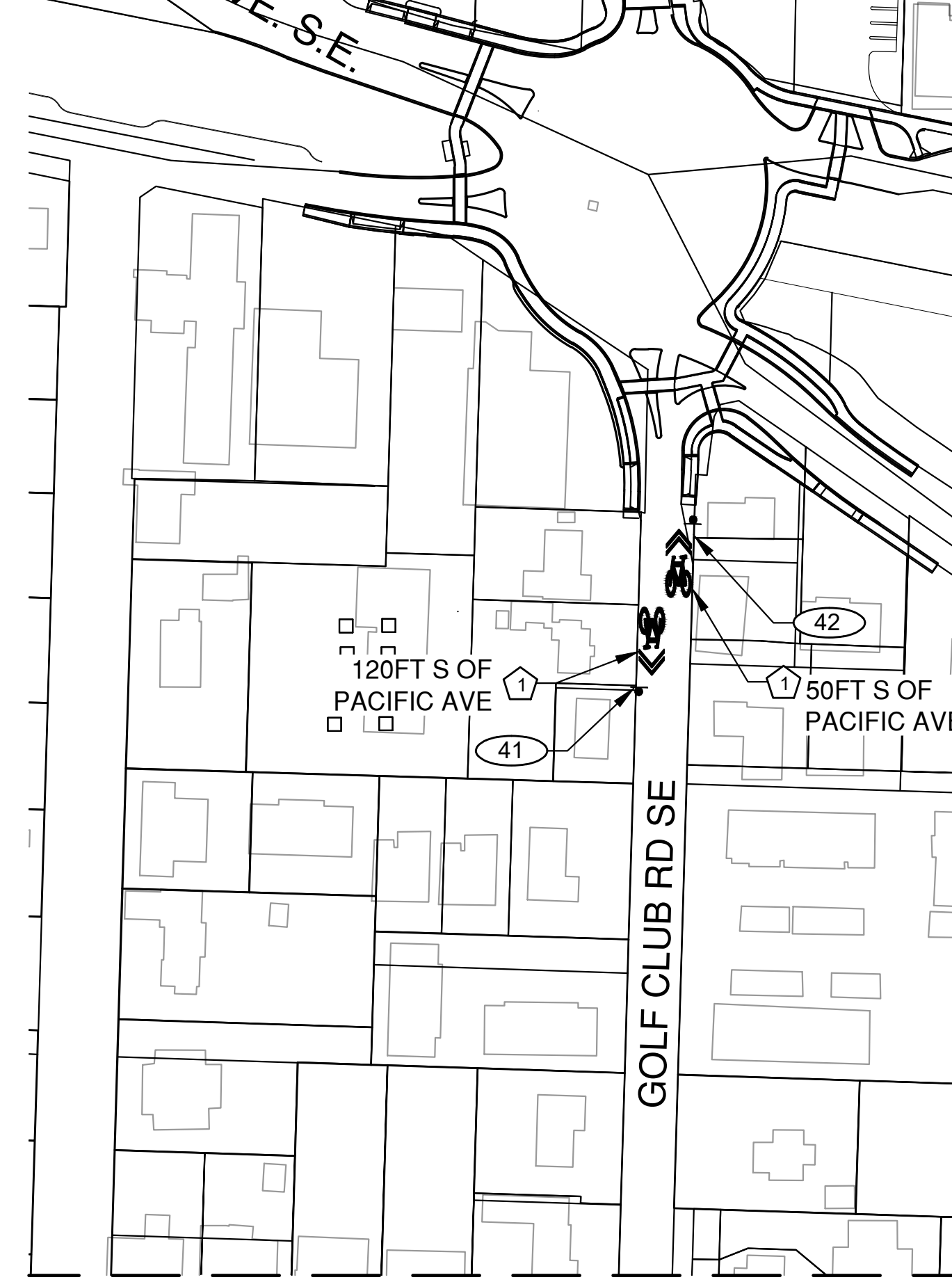
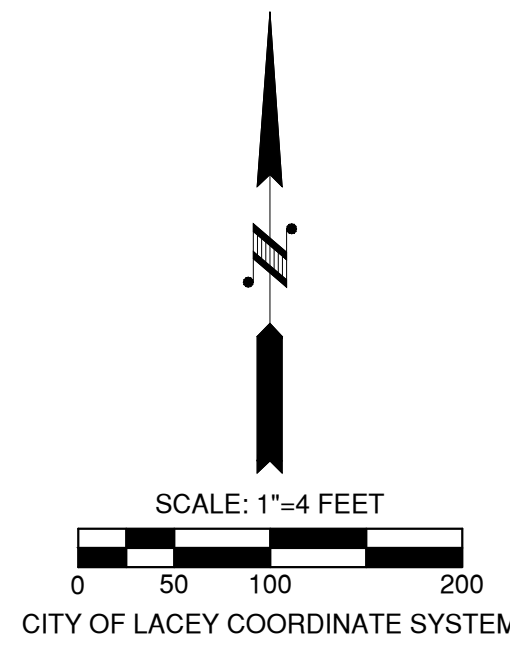
ROUTE 5
3RD AVE SE TO 21ST AVE SE

CONSTRUCTION NOTES

- 1) PLASTIC SHARED LANE MARKING
- 2) PLASTIC SHARED LANE MARKING WITH DUAL CHEVRON
- 3) PLASTIC CHEVRON SET
- 4) PROTECT EXISTING MARKING OR SIGN

GENERAL NOTES:

- 1. SHARED LANE MARKINGS NOT TO SCALE FOR CLARITY
- 2. SIGN TABLE ON SHEET SH5. SIGNS INDICATED BY #

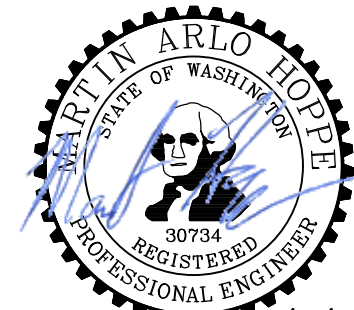


MATCH LINE - SEE ABOVE LEFT

MATCH LINE - SEE ABOVE LEFT

MATCH LINE - SEE ABOVE LEFT

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 FILE: SH.DWG

PACIFIC/HOMANN RAB IMPROVEMENTS
SHARROW ROUTE 5

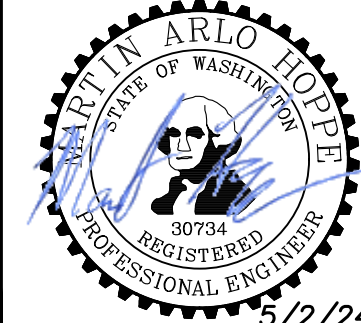
REVISION BLOCK		
NO.	DATE	DESCRIPTION

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PROPOSED SIGN TABLE					
SIGN NO.	ROUTE NO.	SIGN TYPE	DESCRIPTION	APPROXIMATE LOCATION	SIGN-FACE ORIENTATION
1	2	M1-8	BIKE SIGN ROUTE: 2	21ST AVE SE 30FT E OF CHEHALIS WESTERN TRAIL	WEST
2	2	M1-8	BIKE SIGN ROUTE: 2	21ST AVE SE EST. 160FT W OF SLEATER KINNEY RD SE	WEST
3	2	M1-8	BIKE SIGN ROUTE: 2	21ST AVE SE EST. 100FT E OF SLEATER KINNEY RD SE	EAST
4	2	M1-8	BIKE SIGN ROUTE: 2	21ST AVE SE EST. 70FT W OF GOLF CLUB RD SE	WEST
5	2 & 5	M7-1L	DIRECTIONAL ARROW LEFT	21ST AVE SE EST. 70FT W OF GOLF CLUB RD SE	WEST
6	2	M7-1R	DIRECTIONAL ARROW RIGHT	21ST AVE SE EST. 70FT W OF GOLF CLUB RD SE	WEST
7	5	M1-8	BIKE SIGN ROUTE: 2	GOLF CLUB RD SE EST. 50 FT N OF 21 ST AVE SE	NORTH
8	2 & 5	M1-8	BIKE SIGN ROUTE: 2	GOLF CLUB RD SE EST. 60 FT NORTH OF 22ND AVE SE	SOUTH
9	2 & 5	D1-1C	UP, GOLF CLUB RD, ROUTE 5	GOLF CLUB RD SE EST. 60 FT NORTH OF 22ND AVE SE	SOUTH
10	2 & 5	D1-1C	LEFT, GOLF CLUB RD, ROUTE 2	GOLF CLUB RD SE EST. 60 FT NORTH OF 22ND AVE SE	SOUTH
11	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE BTWN PARCELS 4511 AND 4513	WEST
12	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE BTWN PARCELS 4516 AND 2121 PLACE ON EX. LIGHTPOLE	EAST
13	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE EST. 150 FT E OF COLLEGE ST SE PLACE ON EX. LIGHTPOLE	WEST
14	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE EST. 370 FT E OF COLLEGE ST BY PARCEL 1900 PLACE ON EX. LIGHTPOLE	EAST
15	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE EST. 60 FT W OF JUDD ST SE	EAST
16	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE EST. 100 FT E OF JUDD ST SE	WEST
17	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE EST. 70 FT W OF RUDELL RD SE	EAST
18	2 & 1	D1-1C	UP, 22ND AVE, ROUTE 2	22ND AVE SE EST. 50 FT W OF SYCAMORE ST SE ADD TO EX. SHARED LANE SIGN	SOUTH-WEST
19	2 & 1	D1-1C	LEFT, 22ND AVE, ROUTE 2	SYCAMORE ST SE EST. 40 FT N OF 22ND AVE SE ADD TO EX. SHARED LANE SIGN	NORTH-WEST
20	2 & 1	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE EST. 40 FT E OF SYCAMORE ST SE	EAST
21	2	D1-1C	UP, 22ND AVE, ROUTE 2	22ND AVE SE EST. 40 FT E OF SYCAMORE ST SE	EAST
22	2	D1-1C	RIGHT, SYCAMORE ST, ROUTE 3	22ND AVE SE EST. 40 FT E OF SYCAMORE ST SE	EAST
23	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE BTWN PARCELS 5902 AND 5906	EAST
24	2	M1-8	BIKE SIGN ROUTE: 2	22ND AVE SE BTWN PARCELS 5905 AND 5901	WEST
25	2	M7-1R	DIRECTIONAL ARROW RIGHT	22ND AVE SE BTWN PARCELS 5905 AND 5901	WEST
26	2	M1-8	BIKE SIGN ROUTE: 2	LILAC ST SE EST. 50 FT S OF 22ND AVE SE	SOUTH
27	2	M7-1L	DIRECTIONAL ARROW LEFT	LILAC ST SE EST. 50 FT S OF 22ND AVE SE	SOUTH
28	2	M1-8	BIKE SIGN ROUTE: 2	LILAC ST SE EST. 70 FT OF SHADY LN SE	NORTH
29	2	M7-1L	DIRECTIONAL ARROW LEFT	LILAC ST SE EST. 70 FT OF SHADY LN SE	NORTH
30	2	M1-8	BIKE SIGN ROUTE: 2	SHADY LN SE EST. 60 FT E OF LILAC ST SE	EAST

31	2	M7-1R	DIRECTIONAL ARROW RIGHT	SHADY LN SE EST. 60 FT E OF LILAC ST SE	EAST
32	2	M1-8	BIKE SIGN ROUTE: 2	SHADY LN SE BTWN PARCELS 5707 AND 5709	NORTH-WEST
33	2	M1-8	BIKE SIGN ROUTE: 2	SHADY LN SE PLACE IN CURVE OF PARCEL 6318	NORTH-EAST
34	2	M1-8	BIKE SIGN ROUTE: 2	SHADY LN SE EST. 60 FT W OF SIERRA DR SE	SOUTH-WEST
35	2	M1-8	BIKE SIGN ROUTE: 2	SHADY LN SE EST. 90 FT W OF CARPENTER RD SE PLACE ON EX. SPEED SIGN	EAST
36	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE BTWN PARCELS 4403 AND 1906	SOUTH
37	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 400 FT S OF 16TH AVE SE	NORTH
38	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 50 FT N OF 14TH WAY SE	SOUTH
39	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 60 FT N OF 14TH AVE SE	NORTH
40	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 50 FT S OF 13TH AVE SE	SOUTH
41	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE BTWN PARCELS 1113 AND 1117	NORTH
42	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE IN FRONT OF PARCEL 4403	SOUTH
43	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 100 FT N OF PACIFIC AVE RAB	NORTH
44	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE S OF 10TH AVE SE PLACE ON EX. LIGHT POLE	SOUTH
45	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 80 FT S OF 7TH AVE SE PLACE ON EX. LIGHT POLE	SOUTH
46	5	M7-1L	DIRECTIONAL ARROW LEFT	GOLF CLUB RD SE EST. 80 FT S OF 7TH AVE SE PLACE ON EX. LIGHT POLE	SOUTH
47	5	M1-8	BIKE SIGN ROUTE: 5	7TH AVE SE EST. 100 FT N-W OF GOLF CLUB RD SE	NORTH-WEST
48	5	M7-1R	DIRECTIONAL ARROW RIGHT	7TH AVE SE EST. 100 FT N-W OF GOLF CLUB RD SE	NORTH-WEST
49	5	M1-8	BIKE SIGN ROUTE: 5	7TH AVE SE EST. 80 FT E OF GOLF CLUB PL SE PLACE ON EX. LIGHT POLE	EAST
50	5	M7-1R	DIRECTIONAL ARROW RIGHT	7TH AVE SE EST. 80 FT E OF GOLF CLUB PL SE PLACE ON EX. LIGHT POLE	EAST
51	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB PL SE EST. 250 FT N OF 7TH AVE SE PLACE ON EX. LIGHT POLE	NORTH
52	5	M7-1L	DIRECTIONAL ARROW LEFT	GOLF CLUB PL SE EST. 250 FT N OF 7TH AVE SE PLACE ON EX. LIGHT POLE	NORTH
53	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB PL SE EST. 240 FT N OF 7TH AVE SE PLACE ON EX. LIGHT POLE	SOUTH
54	5	M7-1R	DIRECTIONAL ARROW RIGHT	GOLF CLUB PL SE EST. 240 FT N OF 7TH AVE SE PLACE ON EX. LIGHT POLE	SOUTH
55	5	M1-8	BIKE SIGN ROUTE: 5	6TH AVE SE EST. 150 FT E OF GOLF CLUB PL SE PLACE ON EX. SPEED SIGN	EAST
56	5	M7-1L	DIRECTIONAL ARROW LEFT	6TH AVE SE EST. 150 FT E OF GOLF CLUB PL SE PLACE ON EX. SPEED SIGN	EAST
57	5	M1-8	BIKE SIGN ROUTE: 5	6TH AVE SE EST. 90 FT W OF GOLF CLUB RD SE	WEST
58	5	M7-1L	DIRECTIONAL ARROW LEFT	6TH AVE SE EST. 90 FT W OF GOLF CLUB RD SE	WEST
59	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 60 FT N OF 6TH AVE SE	NORTH
60	5	M7-1R	DIRECTIONAL ARROW RIGHT	GOLF CLUB RD SE EST. 60 FT N OF 6TH AVE SE	NORTH
61	5	M1-8	BIKE SIGN ROUTE: 5	GOLF CLUB RD SE EST. 100 FT S OF 3RD AVE SE PLACE ON EX. SPEED SIGN	NORTH

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 CHECKED: ADB
 HORZ. SCALE: N/A
 VERT. SCALE: N/A
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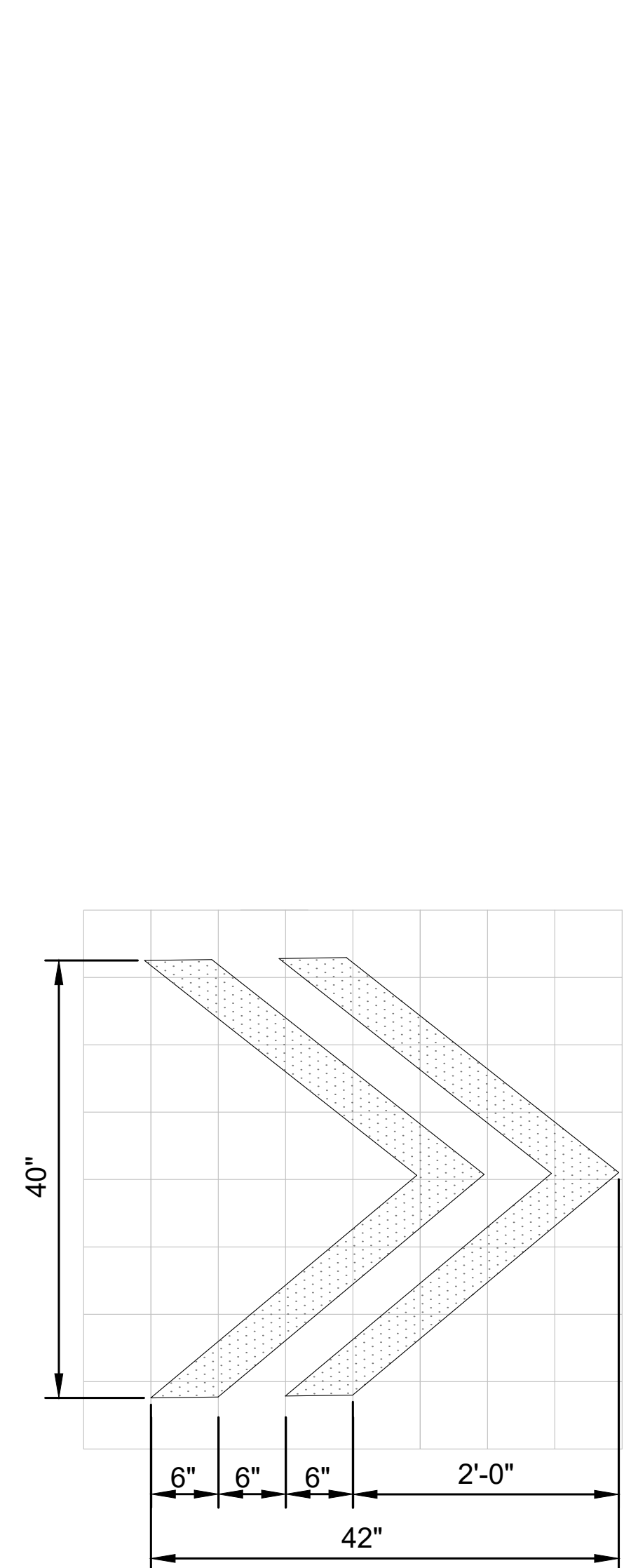
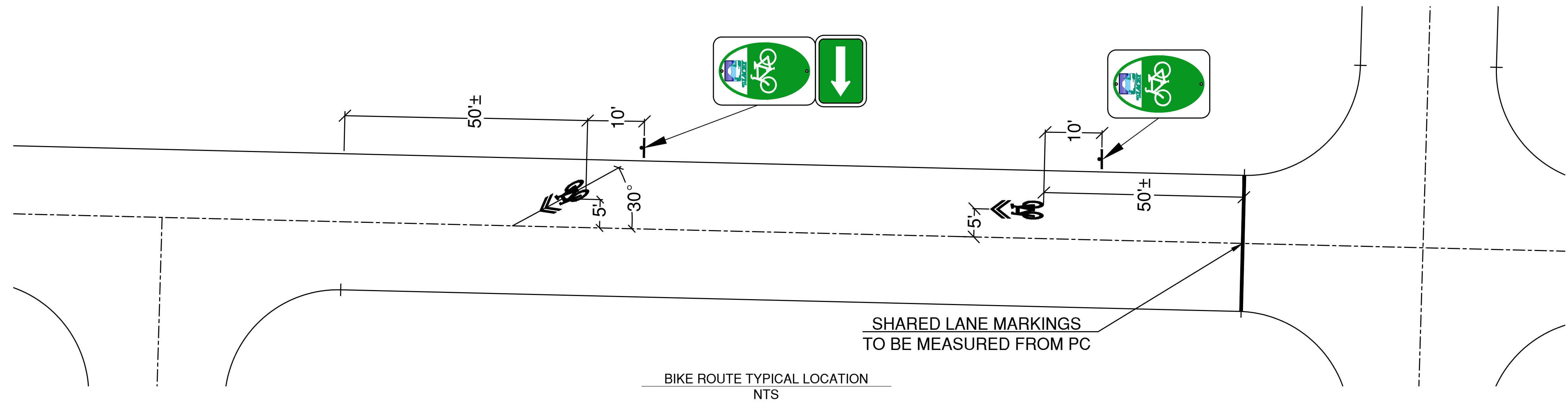
PACIFIC/HOMANN RAB IMPROVEMENTS
SHARROW SIGN SCHEDULE

REVISION BLOCK		
NO.	DATE	DESCRIPTION

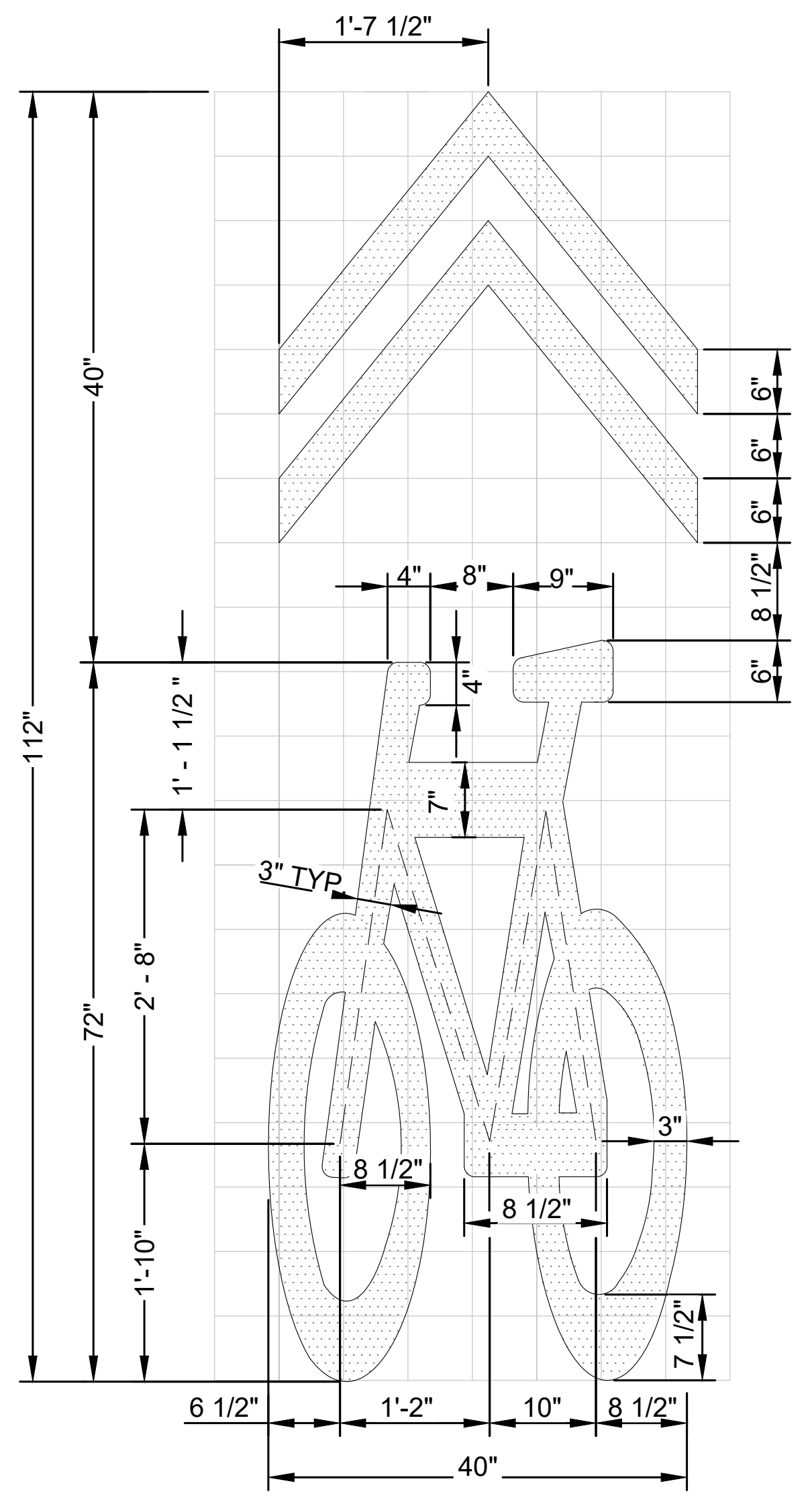
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GENERAL NOTES

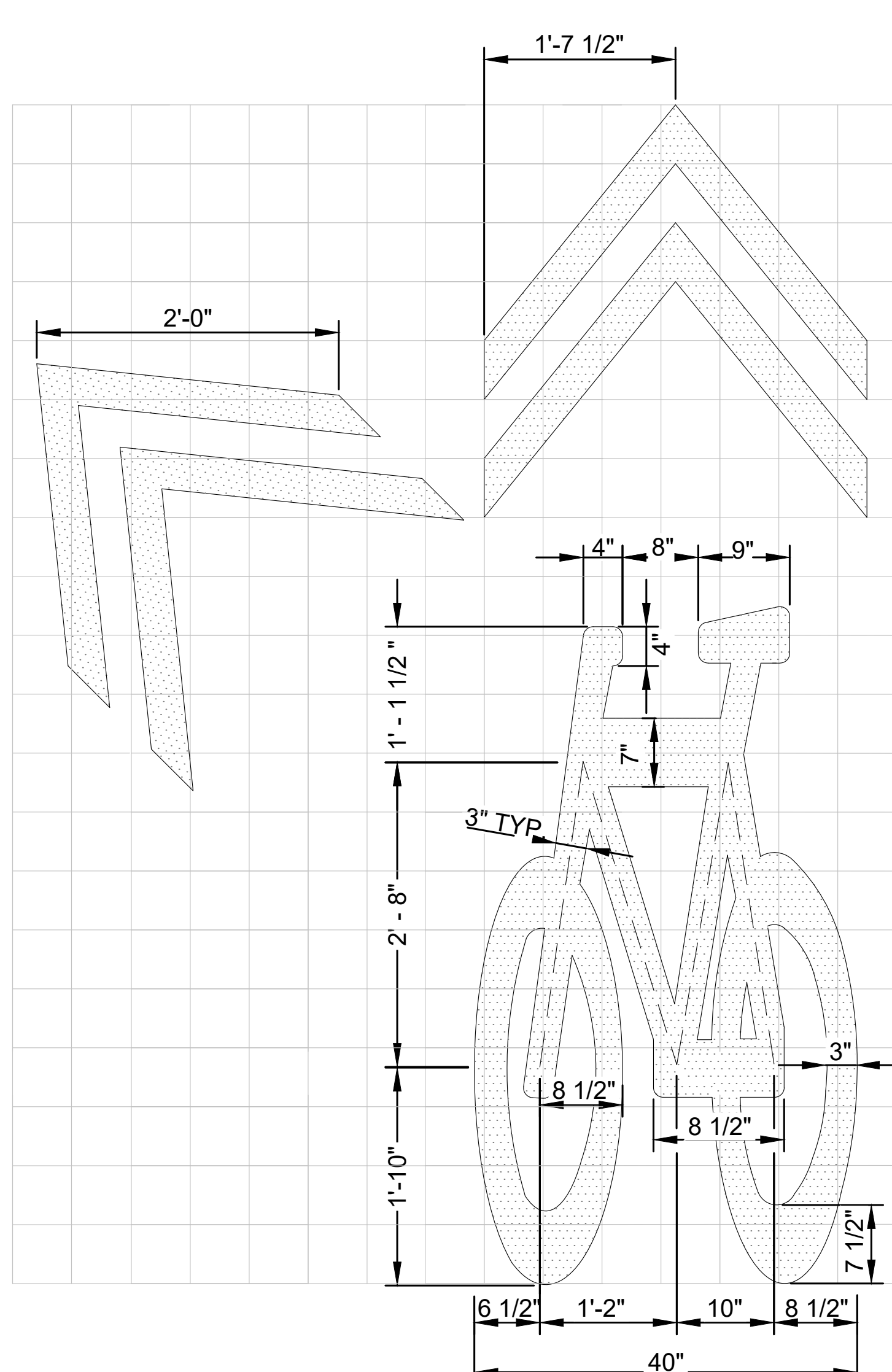
THE CITY OF LACEY WILL FABRICATE AND INSTALL ALL SIGNS.



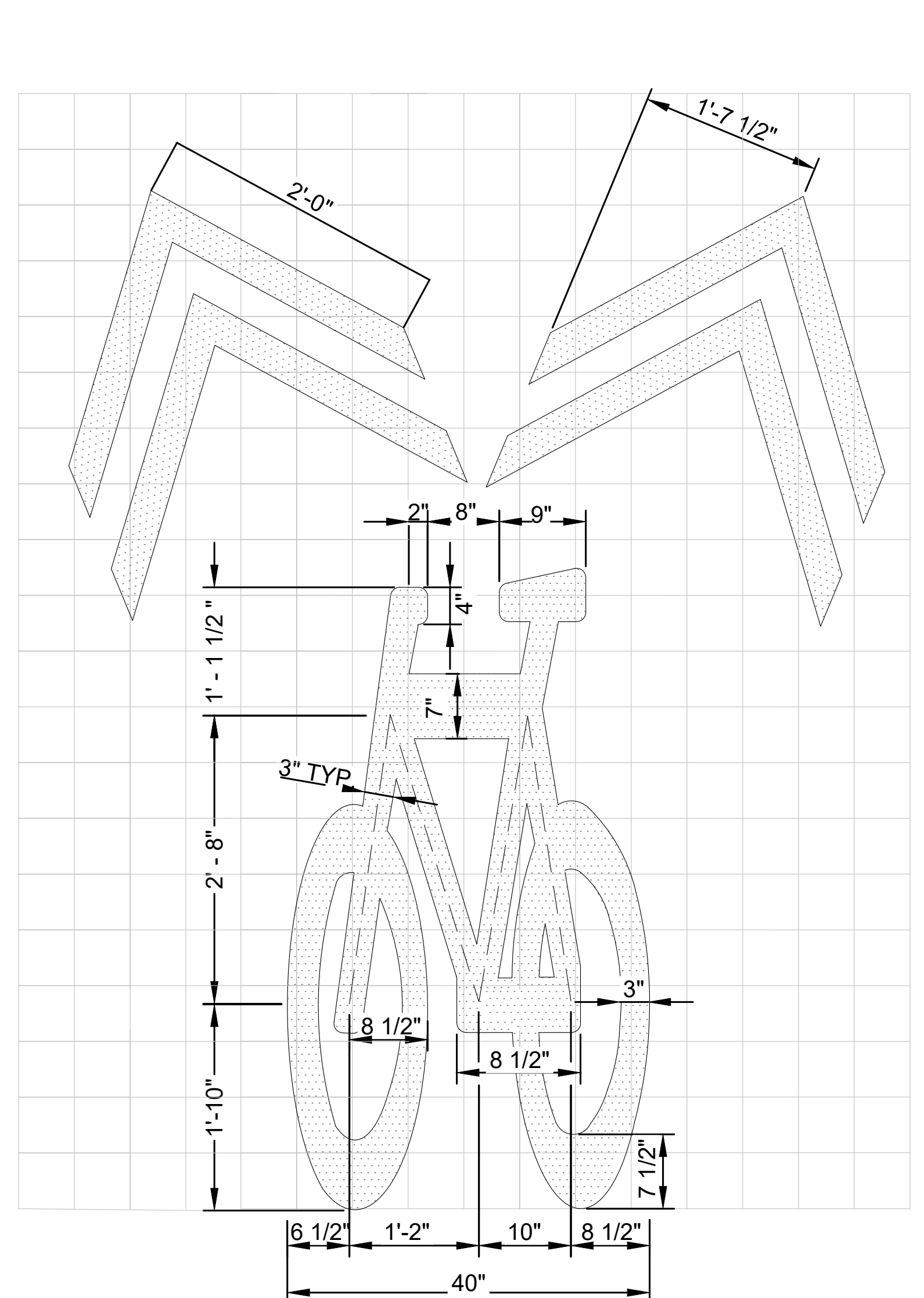
CHEVRON SYMBOL LAYOUT
NTS



SHARED LANE ROAD MARKING LAYOUT
NTS



DOUBLE SHARED LANE ROAD MARKING LAYOUT
NTS



DOUBLE SHARED LANE ROAD MARKING LAYOUT
NTS

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HORZ. SCALE: 1"=5'
VERT. SCALE: N/A
FILE: DETAILS_NORTH.DWG

PACIFIC/HOMANN RAB IMPROVEMENTS
SHARROW DETAILS

REVISION BLOCK		
NO.	DATE	DESCRIPTION

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