

\\ad.msa-ep.com\Portland\PD\Projects\92\0251\225 - SW 116th Ave Improvements\CAD\Sheets\92-0251-225-OR-G1.dwg G-1 5/26/2021 11:34 AM ZIS 23.0s (LMS Tech)

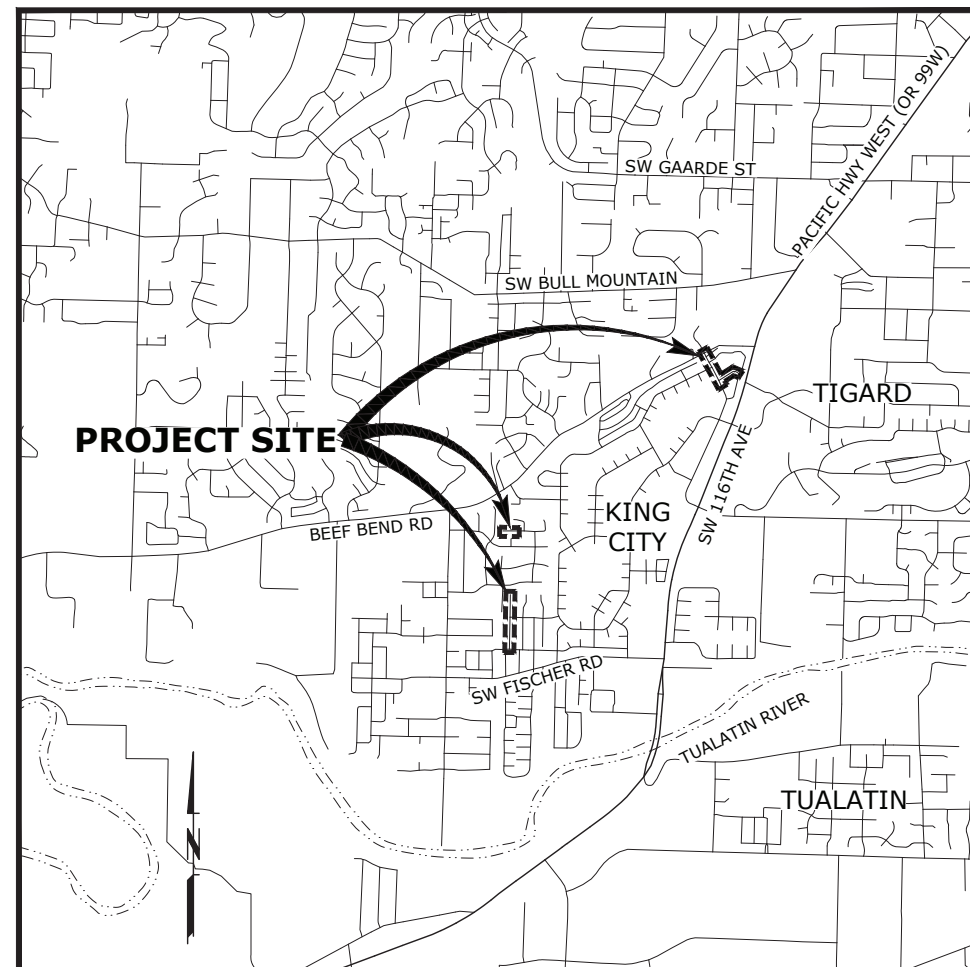


CITY OF KING CITY

2021 STREET IMPROVEMENTS

SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

JUNE 2021



VICINITY MAP
SCALE: 1"=1500'

INDEX OF DRAWINGS

GENERAL

- 1 G-1 TITLE SHEET
- 2 G-2 GENERAL NOTES, ABBREVIATIONS, AND LEGEND

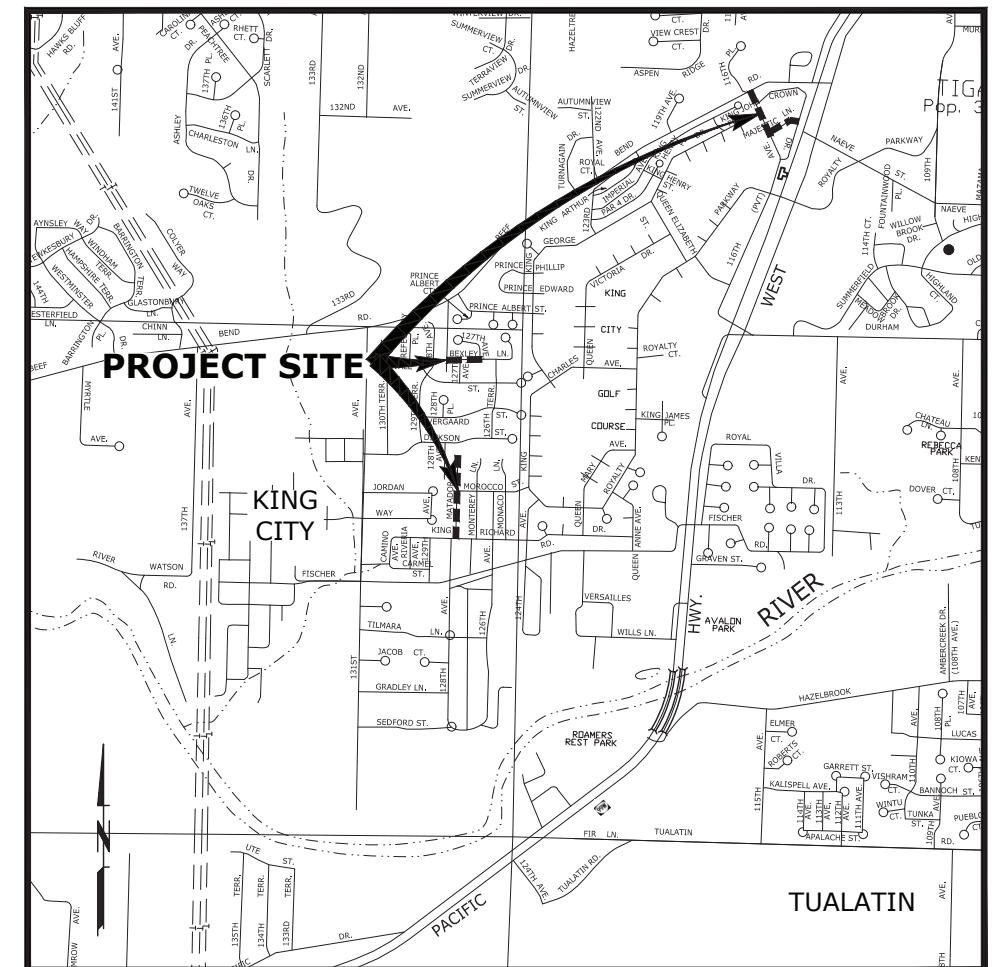
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- 3 C-1 SW 116TH AVE PAVING PLAN
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murraysmith



888 SW 5TH AVENUE, SUITE 1170
PORTLAND, OREGON 97204
P 503.225.9010



LOCATION MAP
SCALE: 1"=1000'

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GENERAL NOTES

1. CONTRACTOR SHALL KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION.
2. ALL MANHOLE COVERS, VALVE BOX COVERS, AND OTHER METAL OR PLASTIC CASTINGS SHALL BE REMOVED PRIOR TO COLD PLANE PAVEMENT REMOVAL, AND THE UNDERLYING UTILITY ACCESS PROTECTED. THE CONTRACTOR SHALL REINSTALL ALL CASTINGS AFTER CONSTRUCTION OF THE AC PAVEMENT AND ADJUST ALL CASTINGS TO MATCH FINISH GRADE.
3. PROVIDE MINOR ADJUSTMENTS IN GRADE OF NEW AC AS REQUIRED TO FACILITATE DRAINAGE INTO CATCH BASINS. NO PONDING SHALL OCCUR BETWEEN CATCH BASINS FOLLOWING CONSTRUCTION.
4. THE MAXIMUM EXPOSURE AT DRIVEWAYS SHALL BE 3/4".
5. REPLACE CURBS, SIDEWALKS, AND/OR DRIVEWAY APRONS THAT ARE DAMAGED AS A RESULT OF THE CONSTRUCTION OPERATIONS. REPLACE FULL SECTIONS TO THE NEAREST CONSTRUCTION JOINTS. ALL EXISTING FEATURES INCLUDING, BUT NOT LIMITED TO PLANTERS, LANDSCAPING, STRUCTURES, LOTS, SWALES, DITCHES, FENCES, WALLS, MAILBOXES, SIGNS, GUY WIRES, PIPING AND UTILITIES DISTURBED DURING CONSTRUCTION ARE TO BE RESTORED TO EXISTING CONDITION UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL REPAIR ALL UTILITY SERVICES DAMAGED DURING CONSTRUCTION AND SUCH REPAIR SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
6. INSTALL BLUE PAVEMENT MARKERS AT ROAD CENTERLINE PERPENDICULAR TO EXISTING FIRE HYDRANTS LOCATED WITHIN THE WORK AREA.
7. NOTIFY RESIDENTS A MINIMUM OF 24 HOURS PRIOR TO ANY WORK THAT WILL PROHIBIT LOCAL ACCESS TO RESIDENCES SO THAT VEHICLES CAN BE REMOVED FROM THE PROJECT AREA.
8. MAINTAIN ACCESS TO EXISTING RESIDENCES. TEMPORARY AC DRIVEWAY ACCESS RAMPS SHALL BE CONSTRUCTED AT ALL DRIVEWAYS IN THE PROJECT AREA IF MORE THAN 24 HOURS BETWEEN COLD PLANE PAVEMENT REMOVAL AND PAVEMENT CONSTRUCTION. TEMPORARY RAMPS SHALL BE REMOVED PRIOR TO APPLICATION OF TACK COAT AND CONSTRUCTION OF AC PAVEMENT.
9. CONTRACTOR SHALL MAINTAIN LOCAL ACCESS IN THE PROJECT AREA AT ALL TIMES. THROUGH TRAFFIC MAY BE DETOURED AROUND THE PROJECT AREA.
10. ANY STAKING REQUIRED FOR THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.
11. LOCATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION SUPPLIED BY THE UTILITIES AND CONSIDERED APPROXIMATE ONLY. AS REQUIRED BY STATE LAW, OBTAIN UTILITY LOCATES PRIOR TO COMMENCING CONSTRUCTION, CONTACT UTILITIES PRIOR TO CONSTRUCTION AND COMPLY WITH PROVISIONS OF ORS 757.541 TO 757.571.
12. LOCATION SHOWN FOR EXISTING PAVEMENT MARKINGS IS APPROXIMATE. CONTRACTOR SHALL REPLACE EXISTING PAVEMENT MARKINGS WITH SAME SIZE, STYLE AND LOCATION, UNLESS OTHERWISE SPECIFIED.
13. PROVIDE "AS CONSTRUCTED" DRAWINGS ILLUSTRATING ANY AND ALL CONSTRUCTED VARIATIONS TO THESE PLANS.
14. UTILITIES, OR PORTIONS OF UTILITIES, THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. PLUG THE REMAINING EXPOSED ENDS OF ABANDONED UTILITIES WITH GROUT.
15. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTION OF ALL WORK, ADJACENT PROPERTIES AND DOWNSTREAM FACILITIES FROM EROSION AND SILTATION DURING THE COURSE OF THE WORK. ANY DAMAGE RESULTING FROM SUCH EROSION AND SILTATION SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR.
16. EXISTING AC THICKNESS FOR THE PROJECT IS UNKNOWN. AC PREVIOUSLY EXPOSED IN THE VICINITY OF THIS PROJECT HAS RANGED BETWEEN 2-INCHES TO 8-INCHES THICK.
17. PERFORM DEWATERING AND CONTINUOUS PUMPING AS NEEDED TO AVOID STANDING WATER IN CONSTRUCTION AREA. REMOVE SEDIMENT FROM WATER THROUGH APPROVED CLEAN WATER SERVICES METHODS BEFORE PUMPING INTO EXISTING CATCH BASINS.
18. INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROL DURING CONSTRUCTION (ANY TIME OF YEAR) PER WASHINGTON COUNTY, CLEAN WATER SERVICES, AND DEQ REQUIREMENTS.
19. SOME CASTINGS MAY NOT BE SHOWN ON THE PLANS. CONTRACTOR TO FIELD VERIFY PRIOR TO BIDDING.
20. PROVIDE DUST CONTROL AS REQUIRED. SEE SECTION 01100.
21. LOCATION AND DIMENSIONS OF ALL PAVEMENT MARKINGS AND SYMBOLS SHALL COMPLY WITH THE MOST RECENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

ABBREVIATIONS

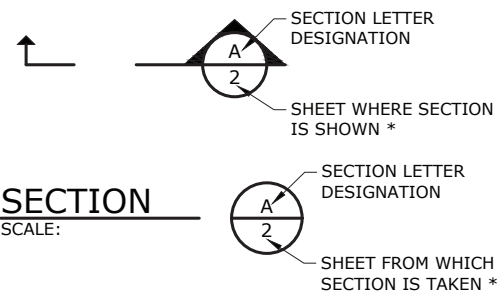
AC	ASPHALTIC CONCRETE
AGG BASE	AGGREGATE BASE
APPROX	APPROXIMATE
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS
BFILL	BACKFILL
CB	CATCH BASIN
C/L	CENTER LINE
CL	CLASS
CO	CLEANOUT
CONC	CONCRETE
CR	CRUSHED ROCK
CWS	CLEAN WATER SERVICES
D	DRAIN
DET	DETAIL
DI	DUCTILE IRON
DIA	DIAMETER
DWG	DRAWING
DWY	DRIVEWAY
EOP	EDGE OF PAVEMENT
EQ	EQUAL
EXIST	EXISTING
HDPE	HIGH DENSITY POLYETHYLENE
IE	INVERT ELEVATION
MAT	MATERIAL
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
ODOT	OREGON DEPARTMENT OF TRANSPORTATION
PK	PK NAIL
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
REQ'D	REQUIRED
R/W	RIGHT-OF-WAY
SCHED	SCHEDULE
SD	STORM DRAIN
SLP	SLOPE
STD	STANDARD
S/W	SIDEWALK
THK	THICK / THICKNESS
THRD	THREAD (ED)
THRU	THROUGH
TP	TEST PIT / TOP OF PAVEMENT / TURNING POINT
TRANS	TRANSITION
TSP	TRI-SODIUM PHOSPHATE
TST	TOP OF STEEL
TW	TOP OF WALL
TYP	TYPICAL
VERT	VERTICAL
W/	WITH

TOPOGRAPHIC LEGEND

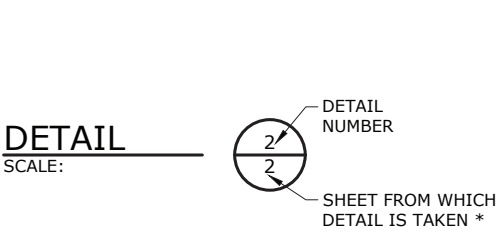
	EXISTING	PROPOSED
WATERLINE	-----10"W-----	=====12"DI W=====
ELECTRICITY	-----E-----	=====E=====
GAS	-----4"G-----	=====4"G=====
TELEPHONE/TELEMETRY	-----T-----	=====T=====
CABLE TELEVISION	-----CATV-----	=====CATV=====
SANITARY SEWER LINE	-----8"SS-----	=====8"SS=====
STORM DRAIN	-----8"SD-----	=====8"SD=====
TEMPORARY CONSTRUCTION EASEMENT		----- -- -- -----
CENTERLINE	----- -- -- -----	----- -- -- -----
EASEMENT/PROPERTY LINE	----- -- -- -----	----- -- -- -----
RIGHT-OF-WAY	----- -- -- -----	----- -- -- -----
EDGE OF PAVEMENT/AC	----- -- -- -----	----- -- -- -----
CURB	=====	=====
SIDEWALK	-----S/W-----	-----S/W-----
DETECTABLE WARNING STRIP		=====
CONTOUR MINOR	-----200-----	-----200-----
CONTOUR MAJOR	-----200-----	-----200-----
MANHOLE	○	●
CLEAN-OUT	○	○
CATCH BASIN/FIELD INLET	▢	▢
VALVE	⊗	⊗
FIRE HYDRANT ASSEMBLY	⦿	⦿
WATER METER	⦿	⦿
MAILBOX	□	□
SIGN	└	└
BENCHMARK	⊕	⊕

SECTION AND DETAIL DESIGNATIONS

SECTION DESIGNATIONS



DETAIL DESIGNATIONS



* NOTE: IF PLAN AND SECTION FOR DETAIL CALL-OUT AND DETAIL ARE SHOWN ON THE SAME DRAWING, DRAWING NUMBER IS REPLACED WITH A DASH.

NO.	DATE	BY	REVISION

NOTICE

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CITY OF KING CITY

2021 STREET IMPROVEMENTS

SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

GENERAL NOTES, ABBREVIATIONS, AND LEGEND

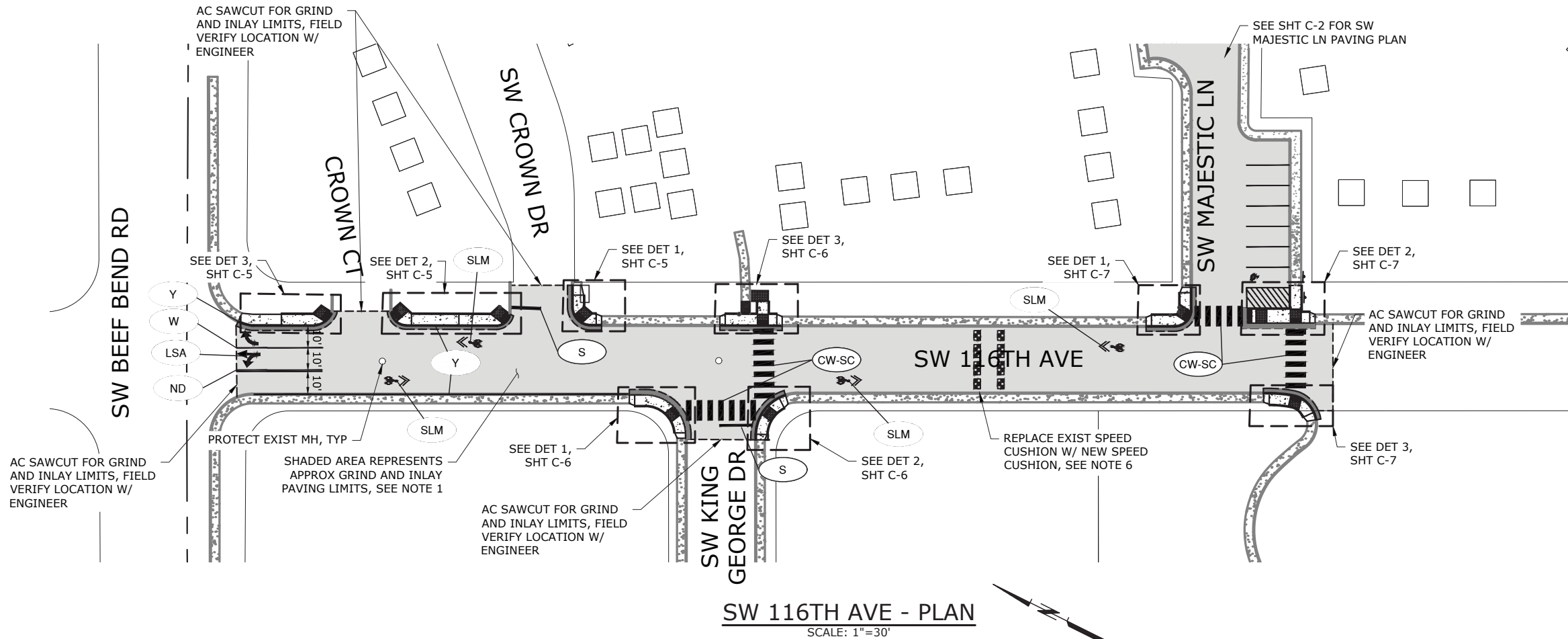
PROJECT NO.: 92-0251.226 | SCALE: AS SHOWN | DATE: JUNE 2021

SHEET

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NOTES:

- PAVING LIMITS SHOWN ARE APPROXIMATE, AND SHALL BE VERIFIED WITH ENGINEER PRIOR TO CONSTRUCTION. PAVING LIMITS SHALL BE MINIMUM 1 FOOT BEYOND EXISTING PAVEMENT JOINTS WHERE PREVIOUS RESURFACING WORK WAS CONDUCTED. SEE DETAILS 1 & 2 ON SHEET C-10 FOR TYPICAL GRIND & INLAY SECTIONS.
- THE CONTRACTOR SHALL ENSURE FINAL AC SURFACE IS GRADED TO DRAIN TO EXISTING CATCH BASINS AND OTHER EXISTING SURFACE DRAINAGE STRUCTURES. THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKING AS NECESSARY TO ENSURE POSITIVE DRAINAGE. ANY AREAS FOUND WITHOUT POSITIVE DRAINAGE (PONDING, STANDING WATER, ETC.) DURING THE FIRST YEAR FOLLOWING CONSTRUCTION SHALL BE CORRECTED SOLELY AT THE CONTRACTOR'S EXPENSE.
- PAVEMENT REMOVAL & RESTORATION FOR NEW CURB/SIDEWALK CONSTRUCTION SHALL BE 2' FROM CURB FACE UNLESS OTHERWISE APPROVED BY ENGINEER IN THE FIELD. REPLACE FULL DEPTH OF EXISTING PAVEMENT IN 3" THICK MAXIMUM LIFTS, 6" MINIMUM, INCLUDING 12" THICK COMPACTED AGGREGATE BASE.
- THE CONCRETE SIDEWALKS, CURBS, AND CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH OREGON STANDARD DRAWINGS. SIDEWALK WIDTHS ARE 4' WIDE. ALL SIDEWALK AND RAMPS SHALL BE CONSTRUCTED TO COMPLY WITH ALL PROVISIONS OF THE LATEST VERSION OF THE AMERICANS WITH DISABILITIES ACT (ADA).
- INSTALL INLET PROTECTION ON ALL EXISTING INLETS IMPACTED BY CONSTRUCTED ACTIVITIES PER CLEAN WATER SERVICES STANDARDS AND DETAILS, SEE SUPPLEMENTARY INFORMATION.
- THE CONTRACTOR SHALL REPLACE EXIST SPEED CUSHION WITH NEW SPEED CUSHION IN SAME LOCATION IN ACCORDANCE WITH WASHINGTON COUNTY STD DWG 6063. SEE SUPPLEMENTARY INFORMATION.

STRIPING

- S - STOP BAR - THERMOPLASTIC TYPE B-HS (SEE ODOT STD DWG TM503)
- CW-SC - STAGGERED CONTINENTAL CROSSWALK (SEE ODOT STD DWG TM503)
- W - 4" WHITE LINE (SEE ODOT STD DWG TM500)
- Y - 4" YELLOW LINE (SEE ODOT STD DWG TM500)
- LSA - LEFT TURN STRAIGHT ARROW (SEE ODOT STD DWG TM501)
- ND - NARROW DOUBLE NO-PASS TWO 4" YELLOW LINES (SEE ODOT STD DWG TM500)
- RA - RIGHT TURN ARROW (SEE ODOT STD DWG TM501)
- SLM - SHARED LANE MARKING (WHITE) (SEE ODOT STD DWG TM503)

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REGISTERED PROFESSIONAL
ENGINEER
NO. 86441
Zachary I Swartzendruber
SEPTEMBER 12, 2017
Zachary Isaac Swartzendruber
RENEWS 06-30-22

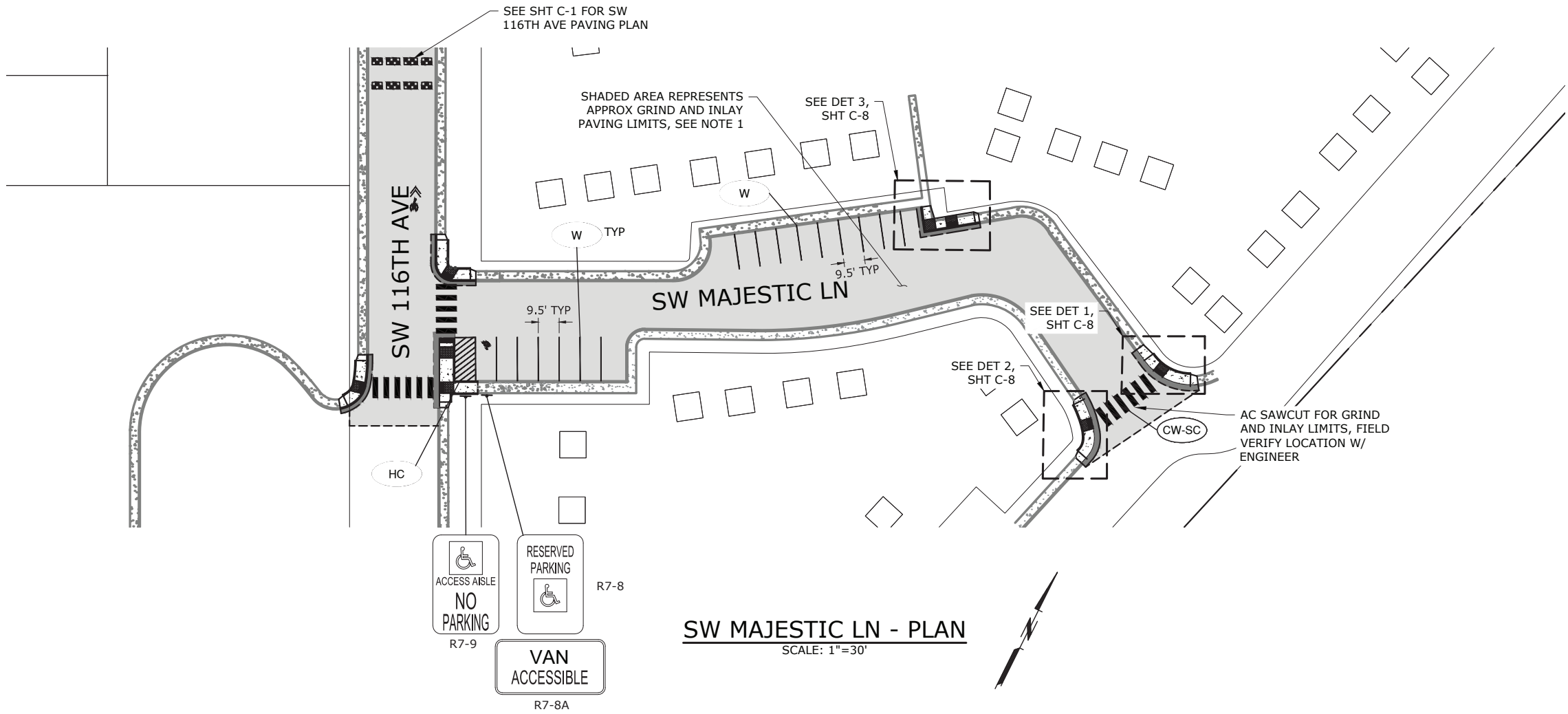
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CITY OF KING CITY
2021 STREET IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

SW 116TH AVE PAVING PLAN SCHEDULE A			
PROJECT NO.:	92-0251.226	SCALE:	AS SHOWN
DATE:	JUNE 2021		

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- INSTALL INLET PROTECTION ON ALL EXISTING INLETS IMPACTED BY CONSTRUCTED ACTIVITIES PER CLEAN WATER SERVICES STANDARDS AND DETAILS, SEE SUPPLEMENTARY INFORMATION.
- SHALL BE INSTALLED FOLLOWING WASHINGTON COUNTY STANDARD DETAIL 6510 USING PERFORATED SQUARE BREAKAWAY STEEL POSTS FOR EACH SIGN.

STRIPING

- CW-SC - STAGGERED CONTINENTAL CROSSWALK (SEE ODOT STD DWG TM503)
- W - 4" WHITE LINE
- HC - DISABLED PARKING DETAIL (white) (SEE ODOT STD DWG TM500)

NO.	DATE	BY	REVISION

NOTICE

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REGISTERED PROFESSIONAL ENGINEER

NO. 86441

Zachary I Swartzendruber

OREGON

SEPTEMBER 12, 2017

EXPIRY 10/01/2022

RENEWS 06-30-22

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CITY OF KING CITY

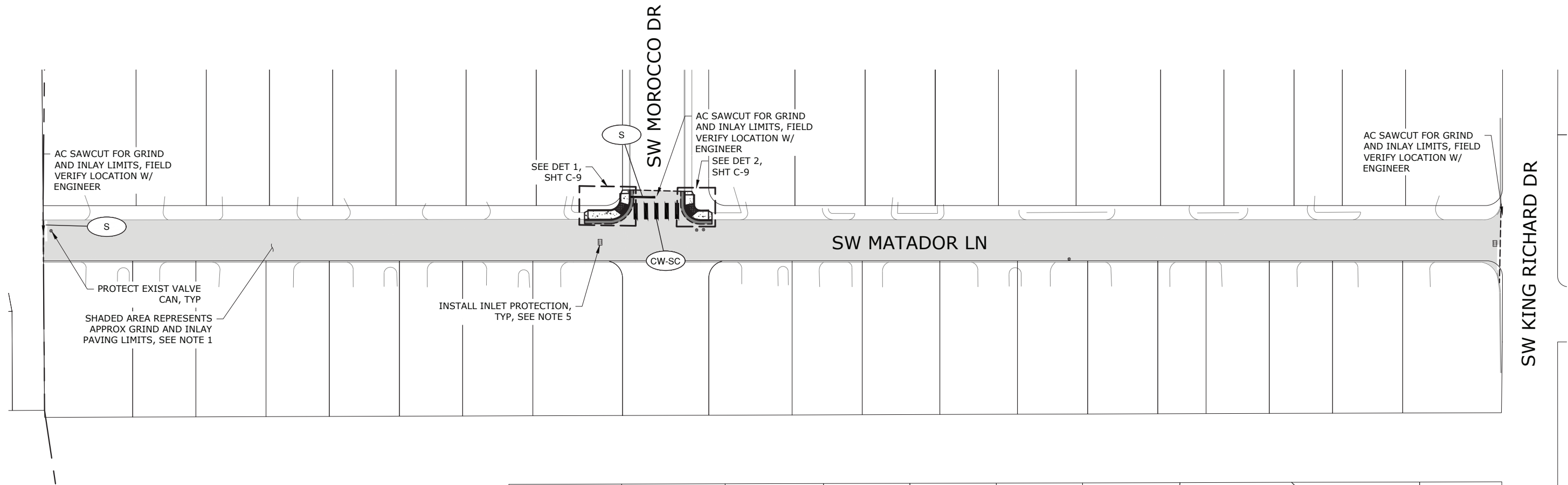
2021 STREET IMPROVEMENTS

SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

SW MAJESTIC LN PAVING PLAN SCHEDULE D			
PROJECT NO.:	92-0251.226	SCALE:	AS SHOWN
DATE:	JUNE 2021		

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SW MATADOR LN - PLAN
SCALE: 1"=30'

NOTES:

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2. THE CONTRACTOR SHALL ENSURE FINAL AC SURFACE IS GRADED TO DRAIN TO EXISTING CATCH BASINS AND OTHER EXISTING SURFACE DRAINAGE STRUCTURES. THE CONTRACTOR SHALL PROVIDE SURVEY AND STAKING AS NECESSARY TO ENSURE POSITIVE DRAINAGE. ANY AREAS FOUND WITHOUT POSITIVE DRAINAGE (PONDING, STANDING WATER, ETC.) DURING THE FIRST YEAR FOLLOWING CONSTRUCTION SHALL BE CORRECTED SOLELY AT THE CONTRACTOR'S EXPENSE.
3. PAVEMENT REMOVAL & RESTORATION FOR NEW CURB/SIDEWALK CONSTRUCTION SHALL BE 2' FROM CURB FACE UNLESS OTHERWISE APPROVED BY ENGINEER IN THE FIELD. REPLACE FULL DEPTH OF EXISTING PAVEMENT IN 3" THICK MAXIMUM LIFTS, 6" MINIMUM, INCLUDING 12" THICK COMPACTED AGGREGATE BASE.
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5. INSTALL INLET PROTECTION ON ALL EXISTING INLETS IMPACTED BY CONSTRUCTED ACTIVITIES PER CLEAN WATER SERVICES STANDARDS AND DETAILS, SEE SUPPLEMENTARY INFORMATION.

STRIPING

- S - STOP BAR - THERMOPLASTIC TYPE B-HS (SEE ODOT STD DWG TM503)
- CW-SC - STAGGERED CONTINENTAL CROSSWALK (SEE ODOT STD DWG TM503)

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CITY OF KING CITY
2021 STREET
IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC
LN, SW MATADOR LN, AND SW
BEXLEY LN

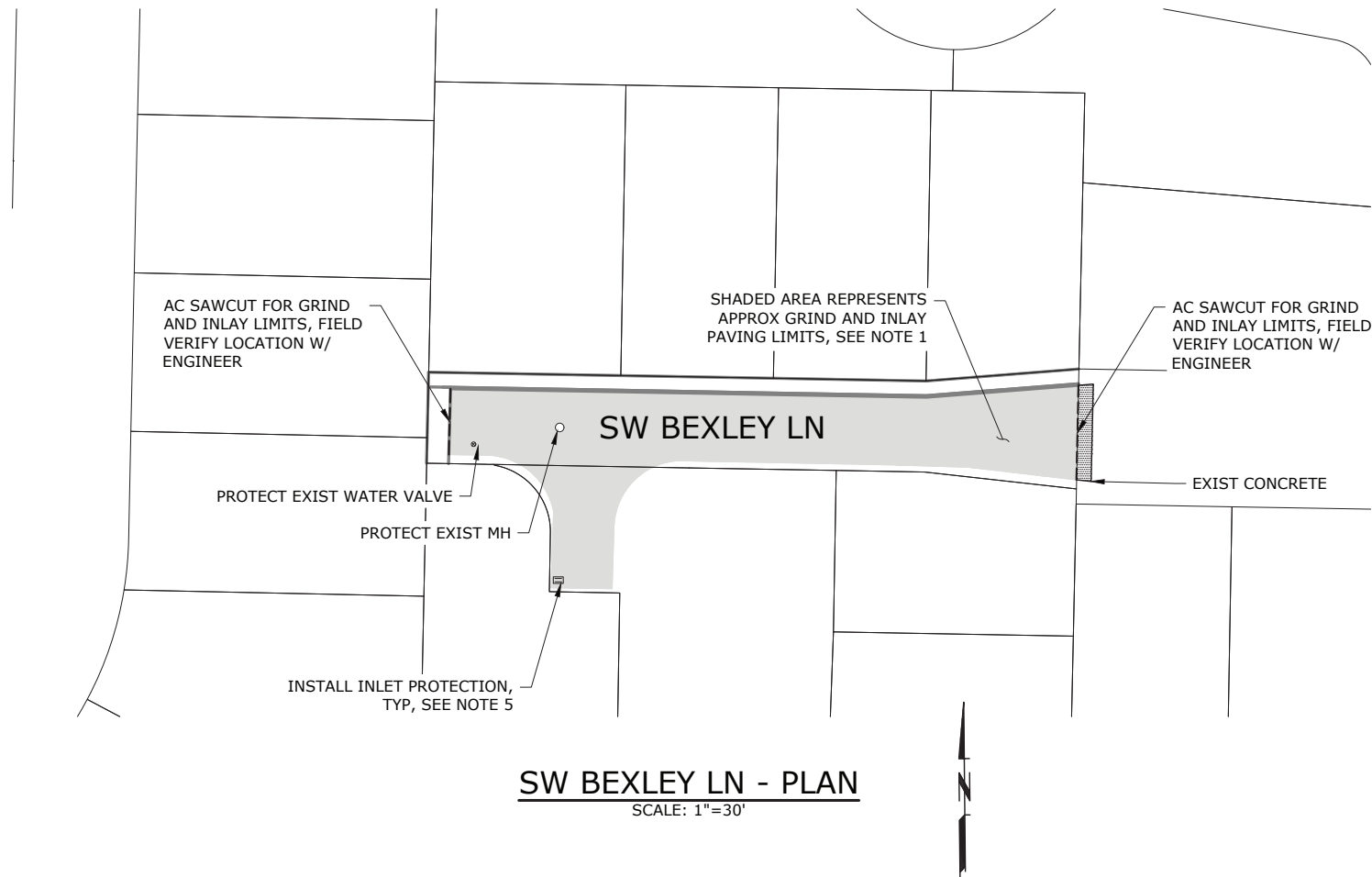
SW MATADOR LN PAVING PLAN SCHEDULE C			
PROJECT NO.:	92-0251.226	SCALE:	AS SHOWN
DATE:	JUNE 2021		

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ENGINEER

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Zachary I Swartzendruber

OREGON

SEPTEMBER 12, 2017

JULY 1998

RENEWS 06-30-22

murraysmith

CITY OF KING CITY

2021 STREET IMPROVEMENTS

SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

SW BEXLEY LN

PAVING PLAN

SCHEDULE B

PROJECT NO.: 92-0251.226

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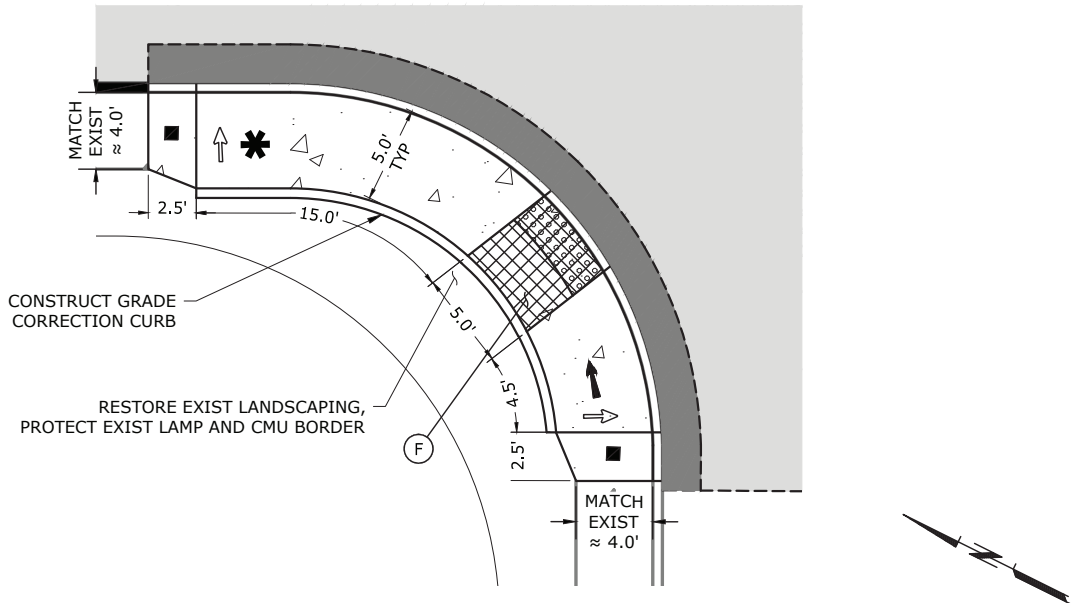
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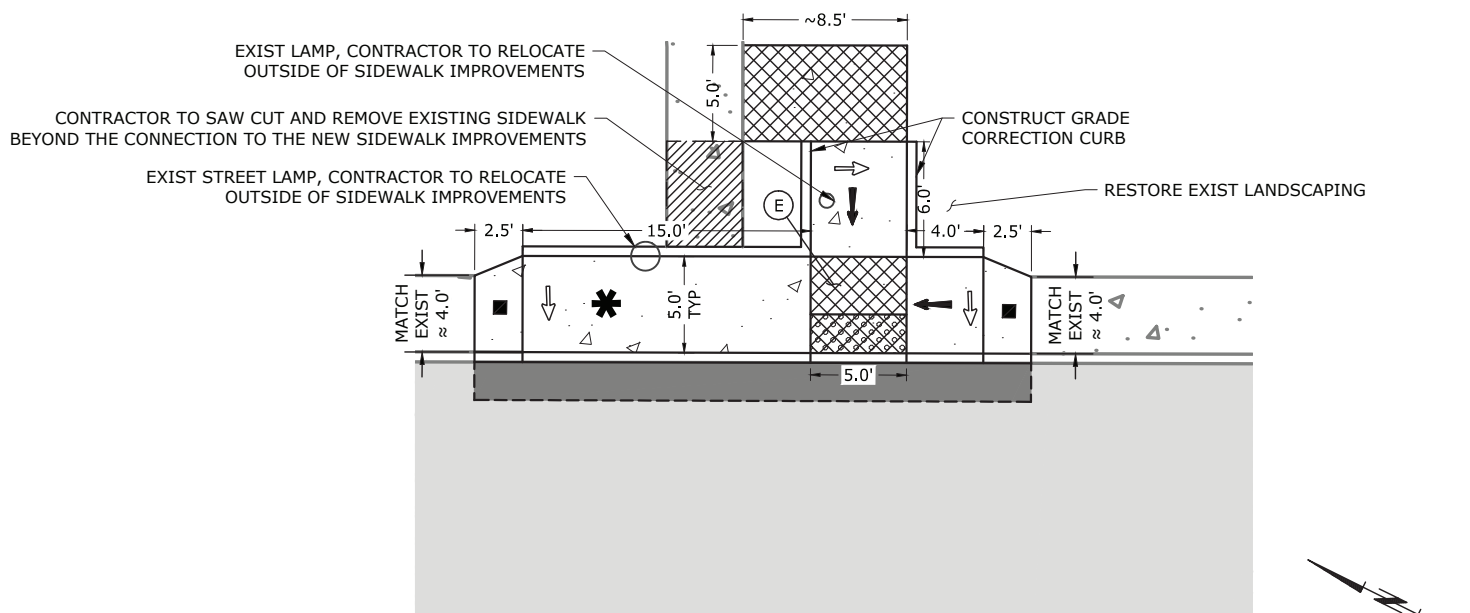
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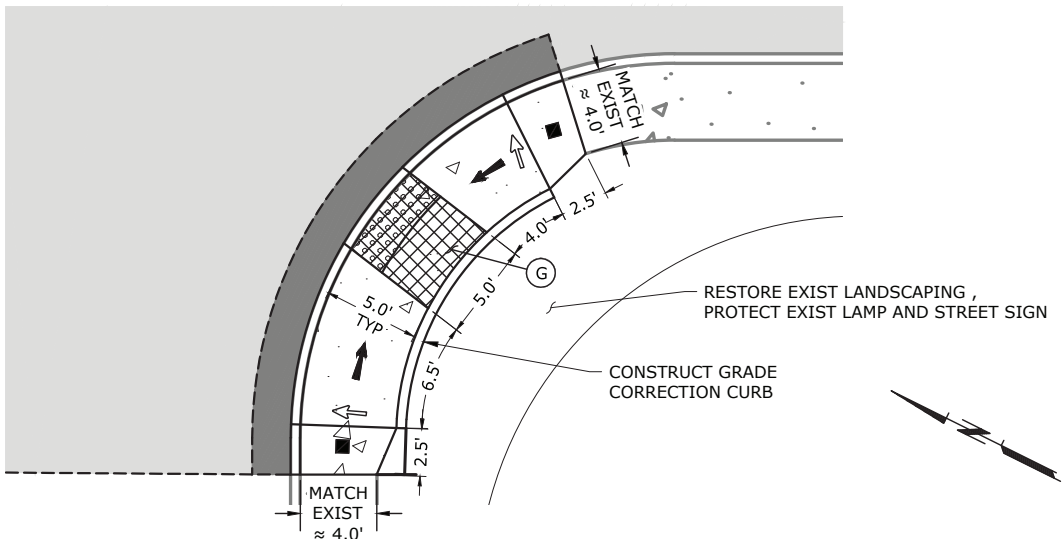
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SIDEWALK DETAIL 1: SW KING GEORGE DR & SW 116TH AVE
SCALE: 1"=5'



SIDEWALK DETAIL 3: SW KING RICHARD DR & SW 116TH AVE
SCALE: 1"=5'



SIDEWALK DETAIL 2: SW KING GEORGE DR & SW 116TH AVE
SCALE: 1"=5'

CURB RAMP LEGEND

- * RUNNING SLOPE IS GREATER THAN 8.33% & RAMP LENGTH IS MAXIMIZED AT 15'
- ⇒ SLOPE 2% MAX.
- ➡ SLOPE 8.33% (1":12") MAX. (RAMP LENGTH 15' MAX. OR TO NEXT S/W JOINT IF <18")
- ▤ TRUNCATED DOME DETECTABLE WARNING SURFACE
- ▦ 2% MAX. SLOPE LANDING IN ALL DIRECTIONS
- NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX. 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO MATCH EXIST.
- SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

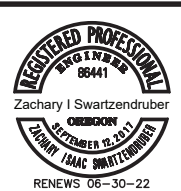
SIDEWALK RAMP LIST


- (E) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD920. INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 3. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS. CONNECT SIDEWALK TO EXISTING PATHWAY TO THE NE. CONTRACTOR TO REMOVE EXISTING PATHWAY SW OF NEW SIDEWALK TO CREATE A SEAMLESS PATHWAY.
- (F) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 1. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.
- (G) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN C-6 DETAIL 2. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.

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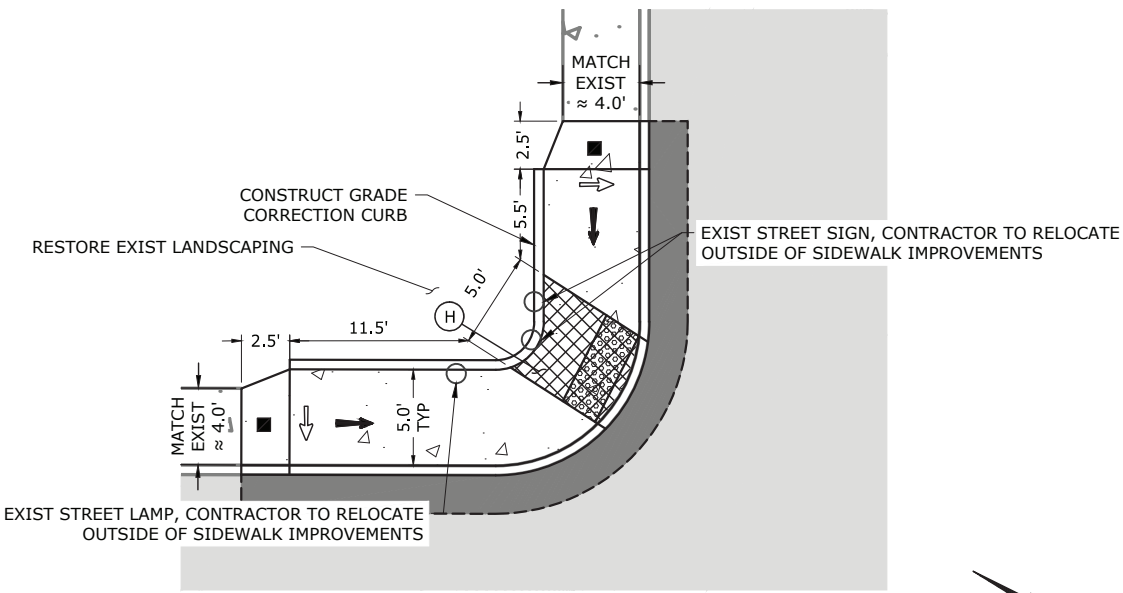




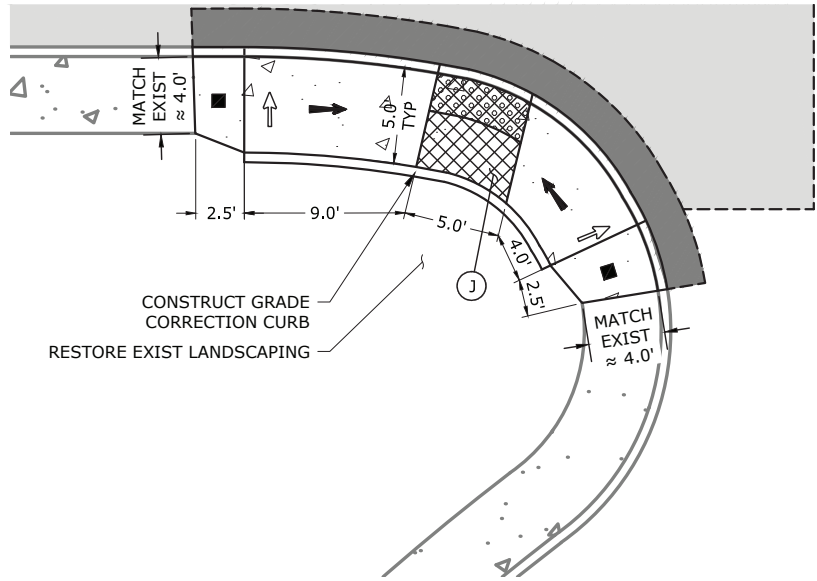
CITY OF KING CITY
2021 STREET IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

RAMP DETAILS - 2			
PROJECT NO.:	92-0251.226	SCALE:	AS SHOWN
DATE:	JUNE 2021		

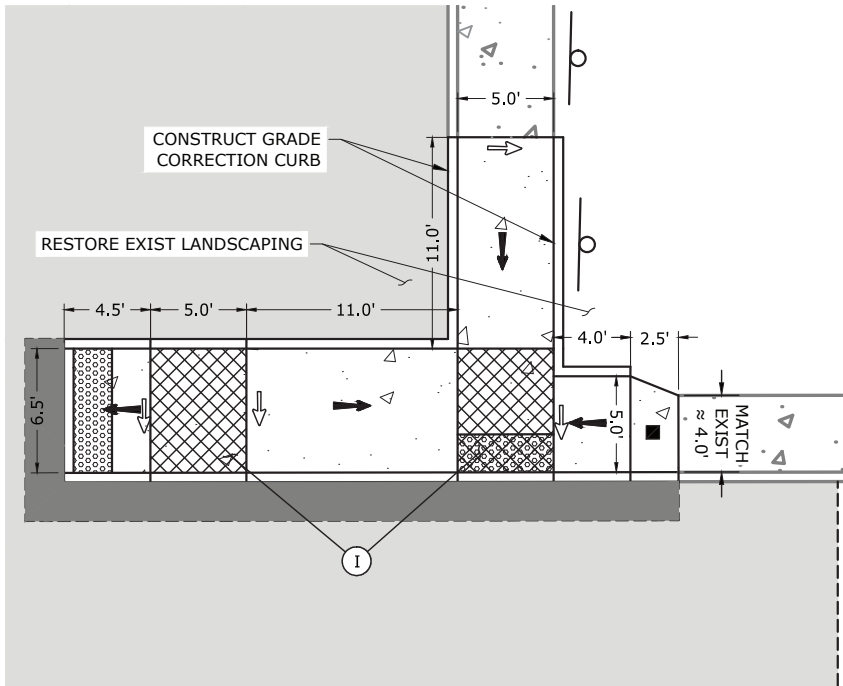
\\ad.msa-ep.com\Portland\PD\Projects\92\0251\225 - SW 116th Ave Improvements\CAD\Sheets\92-0251-225-OR-C.dwg C-7 5/27/2021 11:13 AM ZIS 23.0s (LMS Tech)



SIDEWALK DETAIL 1: SW MAJESTIC LN & SW 116TH AVE
SCALE: 1"=5'



SIDEWALK DETAIL 3: SW MAJESTIC LN & SW 116TH AVE
SCALE: 1"=5'



SIDEWALK DETAIL 2: SW MAJESTIC LN & SW 116TH AVE
SCALE: 1"=5'

CURB RAMP LEGEND

- * RUNNING SLOPE IS GREATER THAN 8.33% & RAMP LENGTH IS MAXIMIZED AT 15'
- ⇒ SLOPE 2% MAX.
- ➔ SLOPE 8.33% (1":12") MAX. (RAMP LENGTH 15' MAX. OR TO NEXT S/W JOINT IF <18")
- ▨ TRUNCATED DOME DETECTABLE WARNING SURFACE
- ▩ 2% MAX. SLOPE LANDING IN ALL DIRECTIONS
- NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX. 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO MATCH EXIST.
- SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

SIDEWALK RAMP LIST

- (H) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-4". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 1. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.
- (I) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD950, PARALLEL CURB RAMP DETAIL AND PER STANDARD DRAWING RD920. INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 2. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.
- (J) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 3. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.

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REGISTERED PROFESSIONAL
ENGINEER
66441
Zachary I Swartzendruber
OREGON
SEPTEMBER 12, 2017
ZACHARY I SWARTZENDRUBER
RENEWS 06-30-22

murraysmith

CITY OF KING CITY
2021 STREET IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

RAMP DETAILS - 3

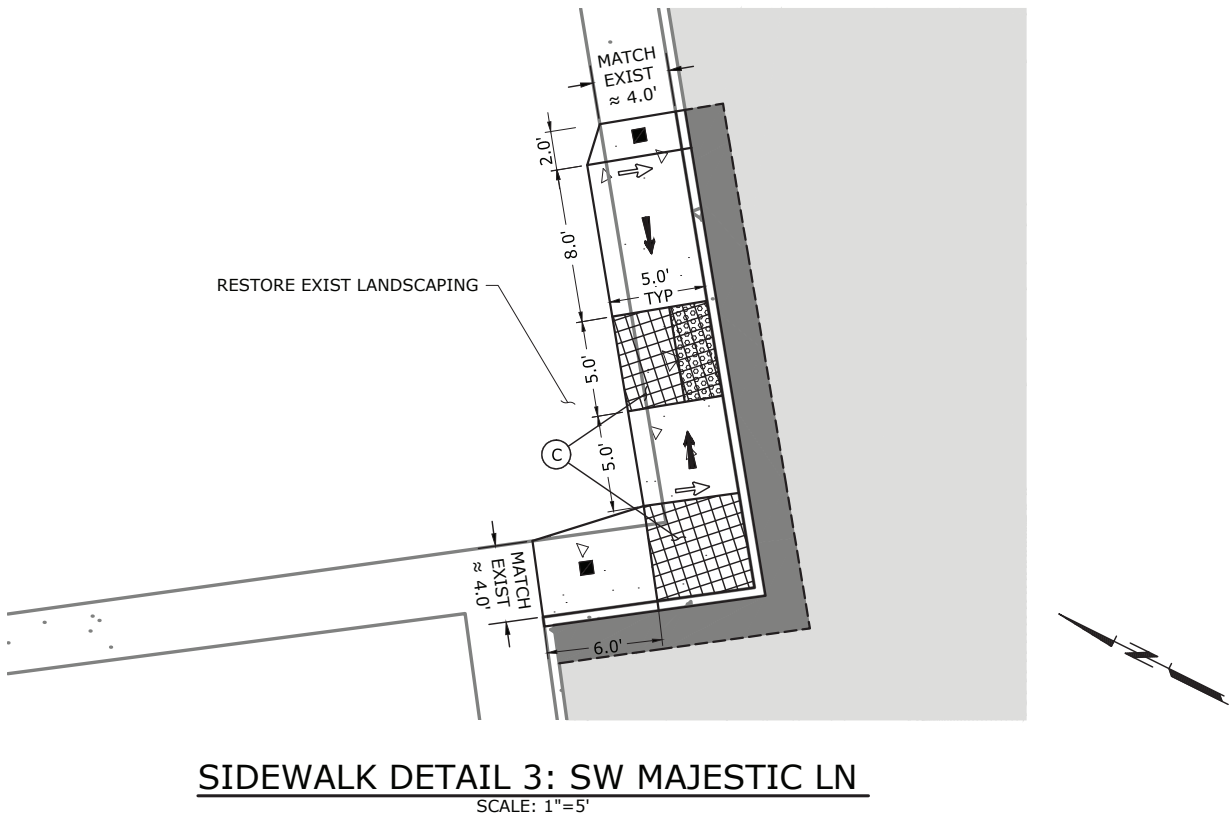
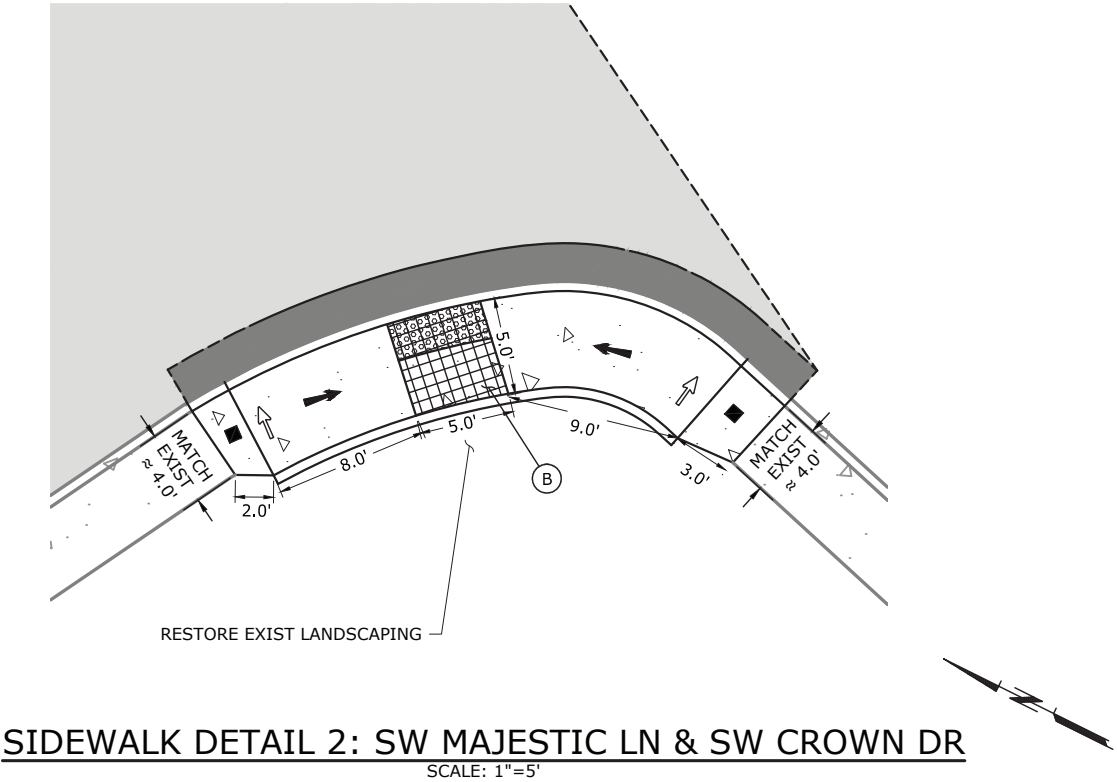
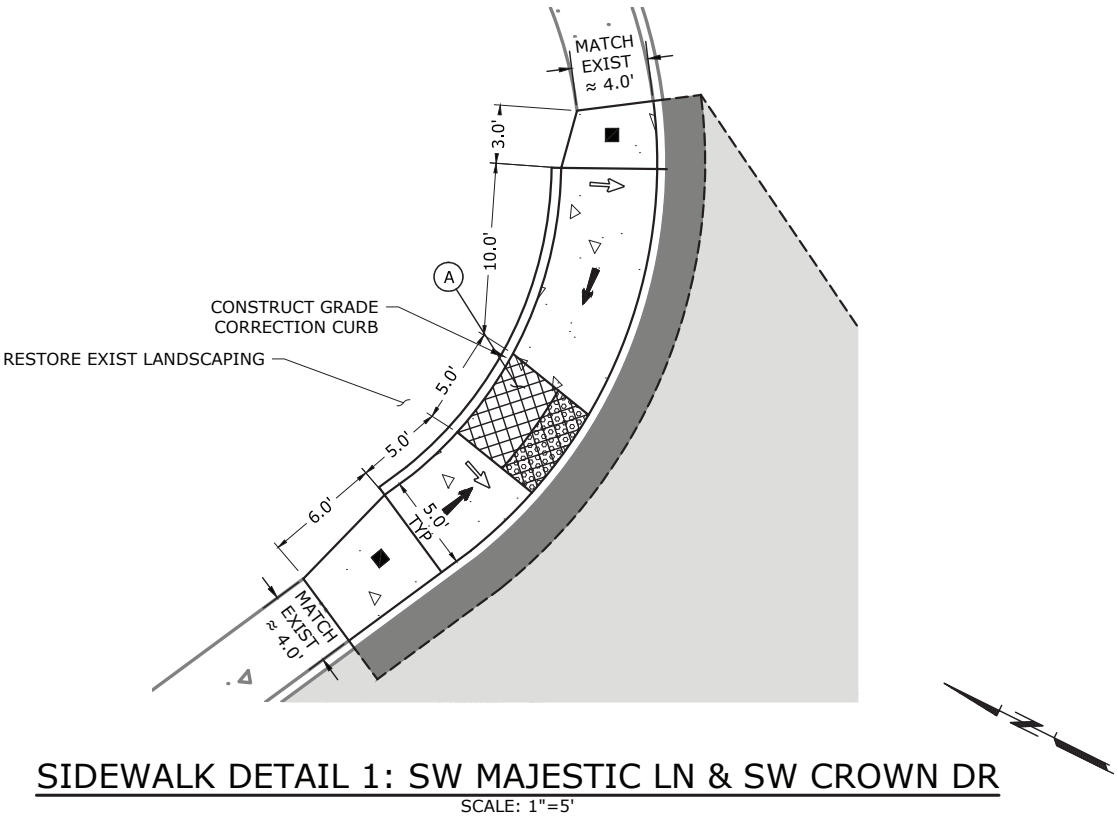
PROJECT NO.: 92-0251.226 SCALE: AS SHOWN DATE: JUNE 2021

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CURB RAMP LEGEND

- * RUNNING SLOPE IS GREATER THAN 8.33% & RAMP LENGTH IS MAXIMIZED AT 15'
- ⇒ SLOPE 2% MAX.
- ➔ SLOPE 8.33% (1":12") MAX. (RAMP LENGTH 15' MAX. OR TO NEXT S/W JOINT IF <18")
- ▤ TRUNCATED DOME DETECTABLE WARNING SURFACE
- ▦ 2% MAX. SLOPE LANDING IN ALL DIRECTIONS
- NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX. 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO MATCH EXIST.
- SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

SIDEWALK RAMP LIST


- (A) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 1. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.
- (B) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 2. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.
- (C) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD920, PARALLEL CURB RAMP DETAIL. INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS. CONTRACTOR TO REMOVE EXISTING RAMP AND REPLACE WITH NEW SIDEWALK.

NO.	DATE	BY	REVISION

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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

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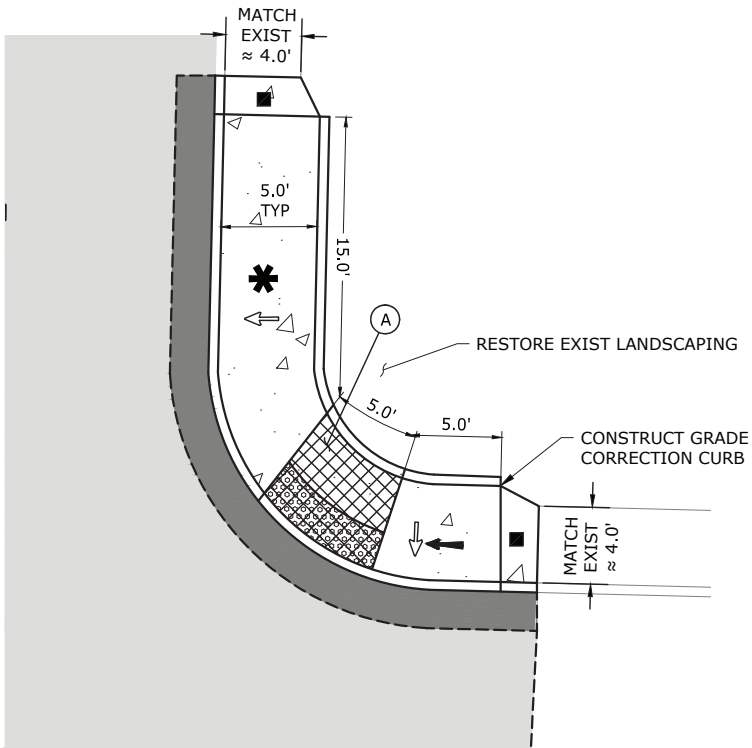




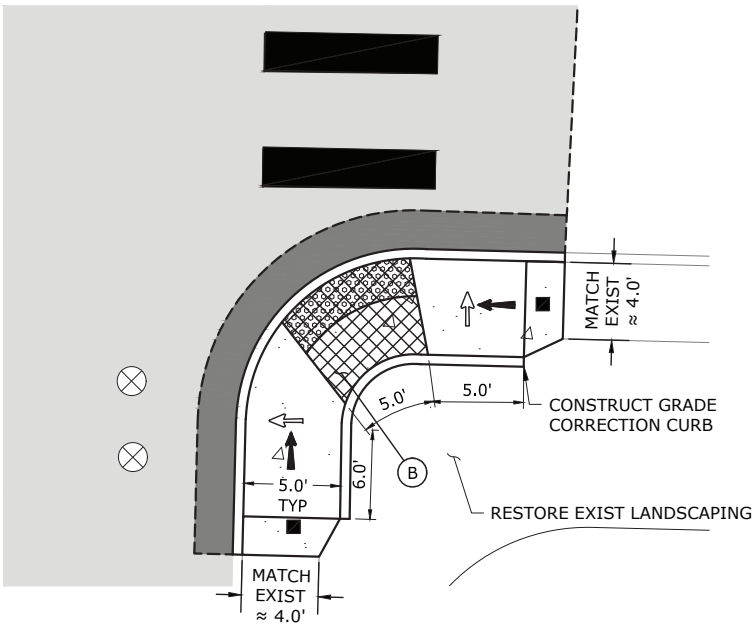
CITY OF KING CITY
2021 STREET IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

RAMP DETAILS - 4			
PROJECT NO.:	92-0251.226	SCALE:	AS SHOWN
DATE:	JUNE 2021		

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SIDEWALK DETAIL 1: SW MATADOR LN & SW MOROCCO SE
SCALE: 1"=5'



SIDEWALK DETAIL 2: SW MATADOR LN & SW MOROCCO DR
SCALE: 1"=5'

CURB RAMP LEGEND

- * RUNNING SLOPE IS GREATER THAN 8.33% & RAMP LENGTH IS MAXIMIZED AT 15'
- ⇒ SLOPE 2% MAX.
- ➡ SLOPE 8.33% (1":12") MAX. (RAMP LENGTH 15' MAX. OR TO NEXT S/W JOINT IF <18")
- ▤ TRUNCATED DOME DETECTABLE WARNING SURFACE
- ▦ 2% MAX. SLOPE LANDING IN ALL DIRECTIONS
- NEW S/W PANEL TO TRANSITION TO EXIST. S/W SLOPE AND WIDTH, MAX. 2% CROSS SLOPE AT TOP OF RAMP. TRANSITION CURB TO MATCH EXIST.
- ▨ SAWCUT AND PAVEMENT PATCH LIMITS 2' MIN. FROM FACE OF CURB OR GUTTER PAN TO MEET CROSS SLOPE REQUIREMENTS

SIDEWALK RAMP LIST

- (A) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 1. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.
- (B) INSTALL CONCRETE SIDEWALK, STANDARD CURB, AND SIDEWALK RAMPS PER OREGON STANDARD DRAWINGS. RAMP SHALL BE PER STANDARD DRAWING RD922, OPTION "PL-3". INSTALL STANDARD CURB PER OREGON STANDARD DRAWING RD700. INSTALL STANDARD CURB AT BACK OF SIDEWALK FOR THE LENGTH SHOWN IN DETAIL 2. MATCH EXISTING SIDEWALK WIDTH, 4' MINIMUM NOT INCLUDING CURBS.

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REGISTERED PROFESSIONAL
Zachary I Swartzendruber
SEPTEMBER 12, 2011
RENEWES 06-30-22

murraysmith

CITY OF KING CITY
2021 STREET IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC LN, SW MATADOR LN, AND SW BEXLEY LN

RAMP DETAILS - 5

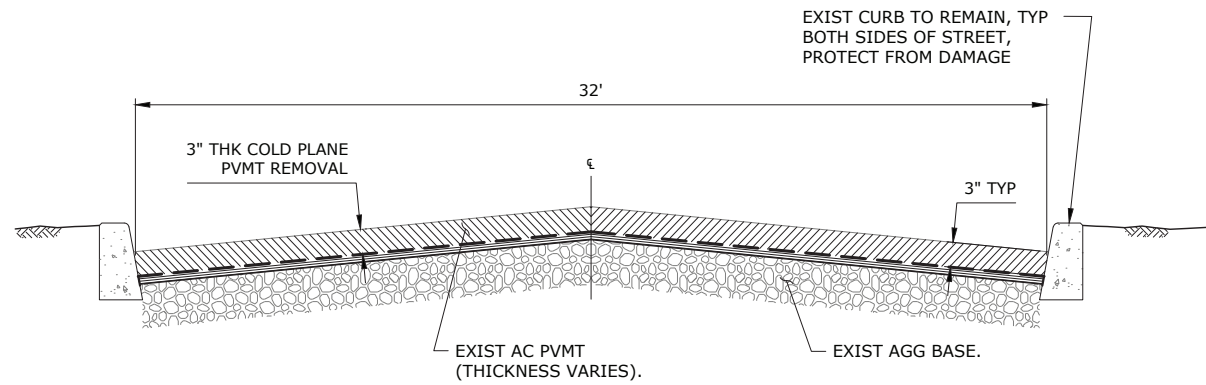
PROJECT NO.: 92-0251.226 SCALE: AS SHOWN DATE: JUNE 2021

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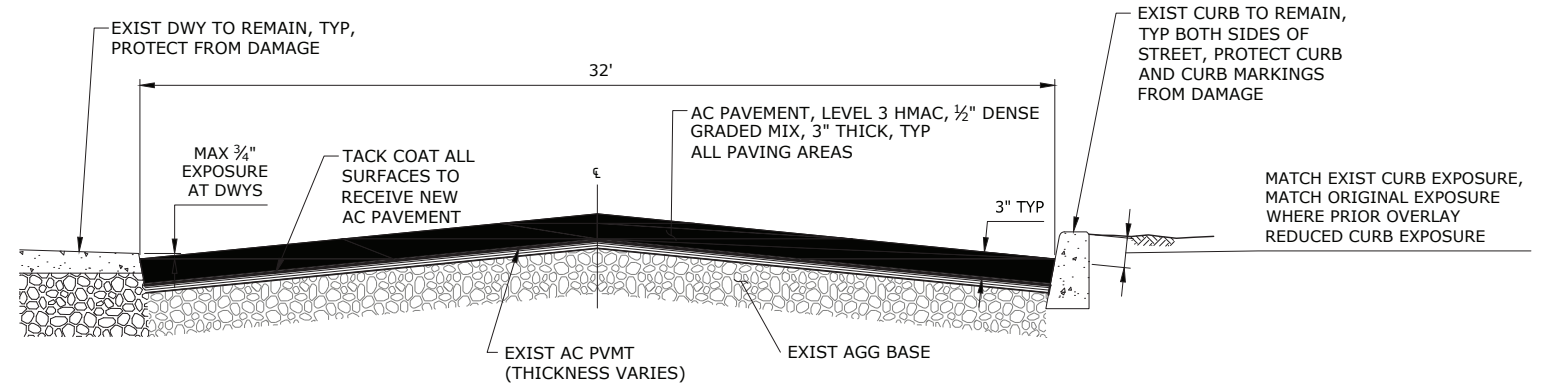
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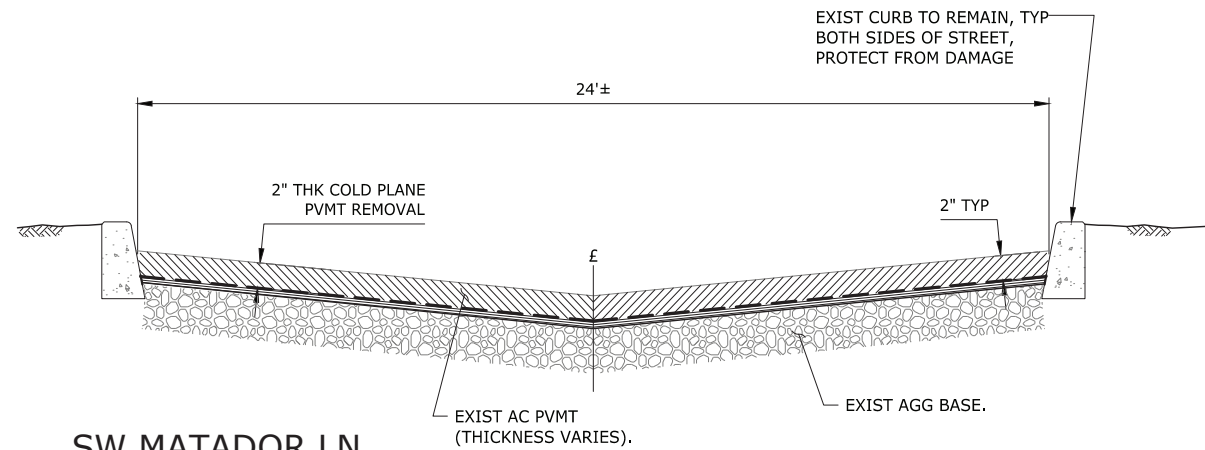
SW 116TH AVE
TYPICAL 3" GRIND SECTION
SCALE: NTS

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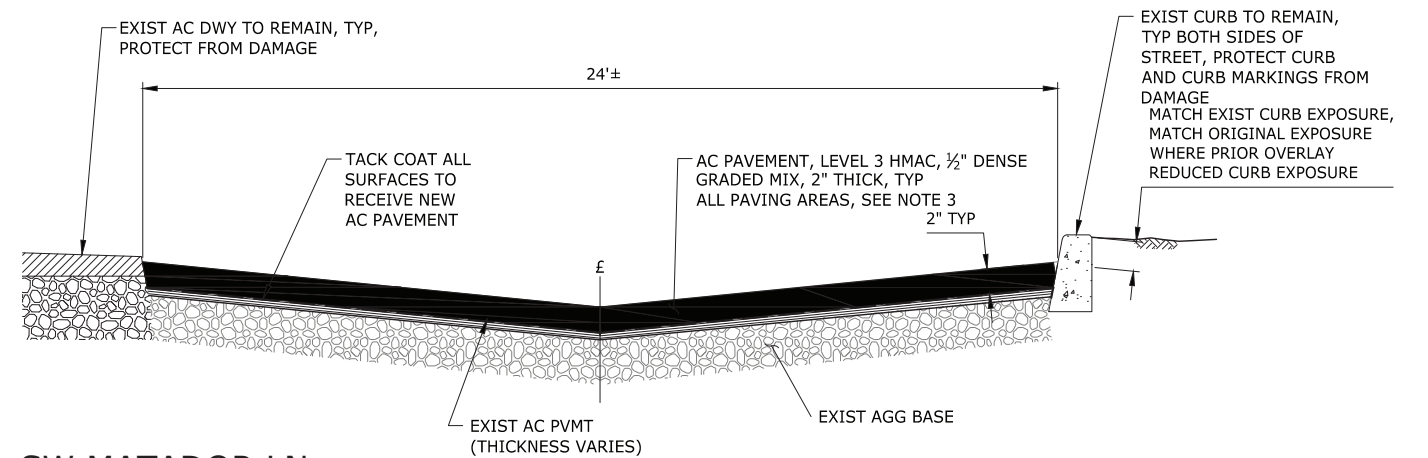
SW 116TH AVE
TYPICAL 3" AC PAVEMENT INLAY
SCALE: NTS

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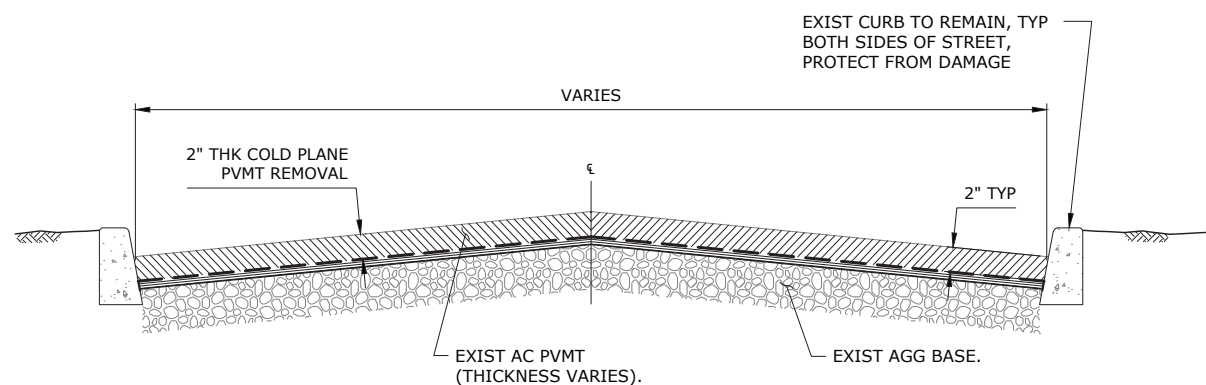
SW MATADOR LN
TYPICAL 2" GRIND SECTION - REVERSE CROWN
SCALE: NTS

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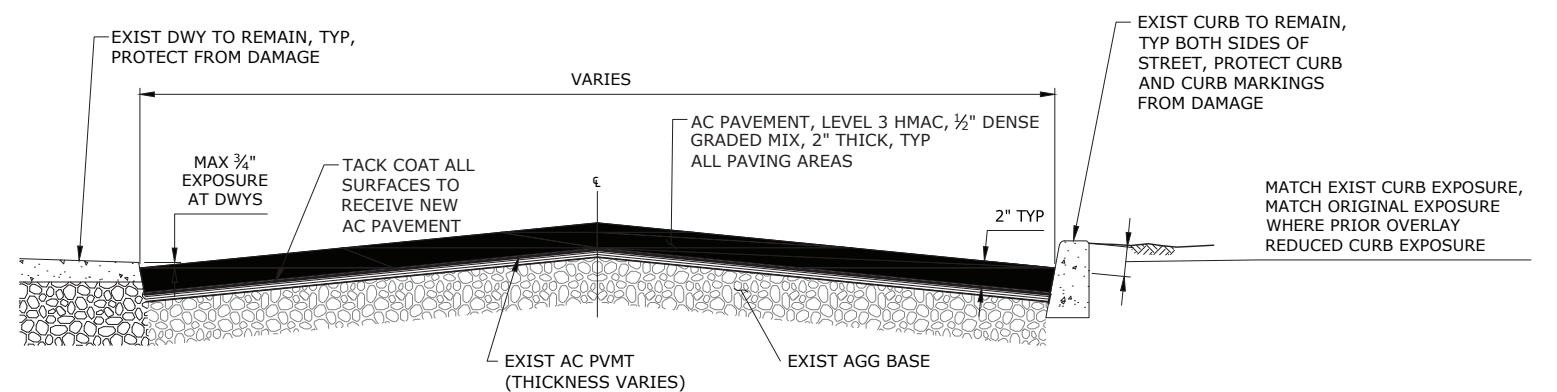
SW MATADOR LN
TYPICAL 2" AC PAVEMENT INLAY - REVERSE CROWN
SCALE: NTS

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SW BEXLEY LN & SW MAJESTIC LN
TYPICAL 2" GRIND SECTION
SCALE: NTS

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SW BEXLEY LN & SW MAJESTIC LN
TYPICAL 2" AC PAVEMENT INLAY
SCALE: NTS

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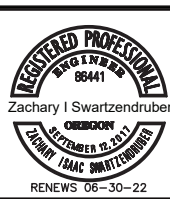
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CITY OF KING CITY
2021 STREET
IMPROVEMENTS
SW 116TH AVE, SW MAJESTIC
LN, SW MATADOR LN, AND SW
BEXLEY LN

PAVING DETAILS			
PROJECT NO.:	92-0251.226	SCALE:	AS SHOWN
DATE:	JUNE 2021		

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