CITY OF SHERWOOD DIVISION STREET AND MANSFIELD STREET GRIND AND INLAY

SEPTEMBER 2021

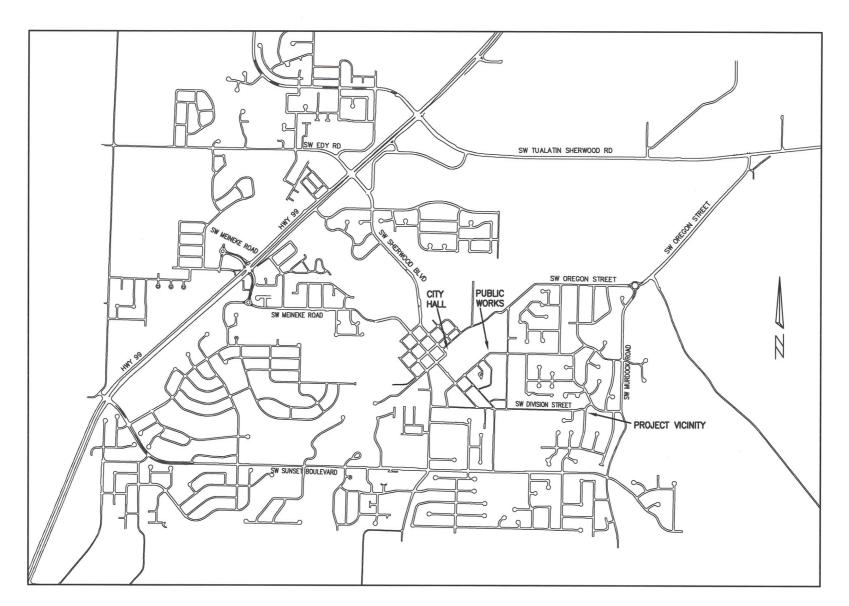
(BID DOCUMENT VOLUME 2 OF 2 - CONTRACT DRAWINGS)

SW DIVISION STREET (350' WEST OF CUTHILL PLACE - MANSFIELD STREET) SW MANSFIELD STREET (UPPER ROY STREET - 350' SOUTH OF DIVISION STREET)

DEVELOPER/OWNER: CITY OF SHERWOOD 22560 SW PINE ST SHERWOOD, OREGON 97140 CONTACT: CRAIG CHRISTENSEN, P.E. PH. 503-925-2301

SHEET INDEX:

- COVER SHEET
- GENERAL NOTES
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THIS DESIGN COMPLIES WITH ORS 92.044 (7) IN THAT NO UTILITY INFRASTRUCTURE IS DESIGNED TO BE WITHIN ONE (1) FOOT OF A SURVEY MONUMENT LOCATION SHOWN ON A SUBDIVISION OR PARTITION PLAT. NO DESIGN EXCEPTIONS NOR FINAL FIELD LOCATION CHANGES SHALL BE PERMITTED IF THAT CHANGE WOULD CAUSE ANY UTILITY INFRASTRUCTURE TO BE PLACED WITHIN THE PROHIBITED AREA.

VICINITY MAP NOT TO SCALE

ATTENTION EXCAVATORS: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-011-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BEFORE COMMENCING ANY EXCAVATION. CALL (503) 246-6699.

INPSECTOR INFORMATION:

CITY OF SHERWOOD: ANDY STIRLING (503) 925-2307 CONTACT INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION.

SURVEY INFORMATION:

HORIZONTAL AERIAL TOPOGRAPHIC MAP (2004) AND VISUAL

<u>VERTICAL</u> AERIAL TOPOGRAPHIC MAP (2004)

GENERAL NOTES

- 1. ALL CONSTRUCTION WORK, MATERIALS AND TESTING SHALL CONFORM TO THE APPLICABLE SECTION OF THE CITY OF SHERWOOD ENGINEERING DESIGN AND STANDARD DETAILS MANUAL CONTRACTOR AND SUBCONTRACTOR(S) SHALL HAVE A MINIMUM OF ONE SET OF APPROVED PLANS AND CITY OF SHERWOOD CONSTRUCTION SPECIFICATIONS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROCURE ALL APPLICABLE PERMITS, LICENSES, AND CERTIFICATES RELATIVE TO THE TRADES TO COMPLETE THE PROJECT AND FOR THE USE OF SUCH WORK WHEN COMPLETED. COMPLIANCE SHALL BE AT ALL LEVELS, FEDERAL, STATE, COUNTY, AND LOCAL, RELATING TO THE PERFORMANCE OF THIS WORK. A CITY OF SHERWOOD OR A METRO BUSINESS LICENSE IS REQUIRED FOR THE CONTRACTOR AND ALL
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION AND ARRANGE FOR PROTECTION OF UTILITIES IN CONFLICT WITH PROPOSED WORK. THE LOCATIONS, DEPTH AND DESCRIPTION OF EXISTING UTILITIES SHOWN WERE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS.
 ADDITIONAL UTILITIES MAY EXIST WITHIN THE WORK AREA, POTHOLING PRIOR TO CONSTRUCTION MAY BE NECESSARY. ALL WORK TO VERIFY UTILITY LOCATIONS AND DEPTHS IS INCIDENTAL.
- OREGON LAW REQUIRES THE CONTRACTOR TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. THE CONTRACTOR MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING (503) 232-1987 OR BY ACCESSING THE INTERNET AT WWW.STATE.OR.US/GOVERNMENT.HTM. THE CONTRACTOR MUST NOTIFY THE CENTER AT LEAST 2 BUSINESS DAYS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL (503) 246-6699
- 5. THE CONTRACTOR SHALL MAKE PROVISIONS TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED UTILITIES USING MATERIAL AND METHODS APPROVED BY THE UTILITY OWNER. NO SERVICE INTERRUPTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN AGREEMENT WITH THE UTILITY PROVIDER AND NOTIFICATION TO SERVICE CUSTOMER. PLEASE NOTE THE STORM SEWER IN THIS AREA IS SHALLOW - DO NOT DAMAGE, REPAIR TO UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE AT THE
- 6. THE CONTRACTOR SHALL PRUNE ALL VEGETATION, AS NECESSARY FOR EQUIPMENT CLEARANCES AWAY AND UP FROM THE STREET AND SIDEWALK. AS WELL AS ANY ROOT PRUNING AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPING THAT IS TO REMAIN. DAMAGE TO TREES AND SHRUBS IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR. COST OF TREE PRUNING IS INCIDENTAL.
- CONTRACTOR SHALL NOTIFY THE CITY OF SHERWOOD 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION AND 24 HOURS BEFORE RESUMING WORK AFTER SHUTDOWNS, EXCEPT FOR NORMAL RESUMPTION OF WORK FOLLOWING SATURDAYS, SUNDAYS OR HOLIDAYS
- CONTRACTOR SHALL REMOVE AND DISPOSE OF TREES, STUMPS, BRUSH, ROOTS, EXCESS TOPSOIL, AND OTHER EXCESS MATERIAL OFF SITE. MATERIALS SHALL BE DISPOSED OF IN SUCH A MANNER AS TO MEET ALL APPLICABLE REGULATIONS. DISPOSAL LOCATION INFORMATION TO BE PROVIDED TO CITY PRIOR TO BEGINNING ANY WORK.
- CONSTRUCTION VEHICLES SHALL PARK AT A LOCATION APPROVED BY THE INSPECTOR OR AT A LOCATION(S) INDICATED ON AN APPROVED PLAN. HOURS OF CONSTRUCTION SHALL BE AS SPECIFIED IN THE PLANS - UNLESS OTHERWISE APPROVED BY THE INSPECTOR. CONSTRUCTION IS PROHIBITED ON SATURDAY AND SUNDAY UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE PUBLIC WORKS DIRECTOR AND CITY MANAGER. CONSTRUCTION ACTIVITIES INCLUDE ALL FIELD MAINTENANCE OF FOUIPMENT REFLIFLING AND PICK UP AND DELIVERY OF FOLIPMENT AS WELL AS THE ACTUAL CONSTRUCTION ACTIVITY
- 10. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CLEAN UP THE PROJECT AREA AND LEAVE IT IN A NEAT AND SECURED MANNER. UPON COMPLETION, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED
- 11. THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES WITH ALL KNOWN CHANGES REDLINED ON THE WORKING PLAN SET FOR THE SOLE PURPOSE OF RECORDING AS BUILT INFORMATION OF IMPROVEMENTS AND LOCATION AND DEPTH OF ANY EXISTING UTILITIES ENCOUNTERED.
- ANY ALTERATIONS OR VARIATIONS FROM THESE PLANS EXCEPT MINOR FIELD ADJUSTMENTS NEEDED TO MEET EXISTING FIELD CONDITIONS, SHALL BE APPROVED BY THE ENGINEER AND APPLICABLE REGULATORY AGENCY REPRESENTATIVE. CONTRACTOR SHALL KEEP RECORD OF ALL CHANGES AND NOTE ON AS BUILT PLANS, CONTRACTOR SHALL SUBMIT ACCURATE AND COMPLETE "AS-BUILT" INFORMATION TO THE ENGINEER UPON COMPLETION OF CONSTRUCTION
- THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS, APPLICABLE AGENCY REQUIREMENTS AND OTHER WORK AS NECESSARY TO PROVIDE A COMPLETE
- 14. CONTRACTOR SHALL PROVIDE EFFECTIVE EROSION PROTECTION TO INCLUDE, BUT NOT BE LIMITED TO, GRADING, DITCHING, STRAW WATTLES, TRIANGULAR SILT DAMS, SILT FENCING, AND SEDIMENT BARRIERS TO MINIMIZE FROSION AND IMPACT TO ADJACENT PROPERTY. SEE EROSION AND SEDIMENT CONTROL NOTES AND PLANS.
- THE CONTRACTOR SHALL MAINTAIN AND COORDINATE ACCESS TO ALL AFFECTED PROPERTIES. THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENTS A MINIMUM OF 48 HOURS PRIOR TO ANY DRIVEWAY CLOSURES AND ASSIST PROPERTY OWNER WITH ALTERNATIVE PARKING AND ACCESS. PEDESTRIAN ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL PROVIDE RAMPS OR OTHER APPROVED METHODS FOR MAINTAINING ACCESS TO ENTRANCES. RAMPS SHALL BE ADA COMPLIANT, APPROVED BY THE ENGINEER, AND INCIDENTAL TO THE CONTRACT, RESIDENTIAL DRIVEWAYS MAY ONLY BE CLOSED FOR A MAXIMUM OF ONE DAY (8:00 AM TO 5:00 PM).
- 16. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE THE START OF WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS AND EXISTING CONSTRUCTION CONDITIONS INDICATED AND/OR SHOWN ON THE PLANS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTED TO THE PROJECT ENGINEER
- 17. ANY INSPECTION BY THE CITY, COUNTY, STATE, FEDERAL AGENCY OR PROJECT ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS, CITY STANDARDS AND PROJECT CONTRACT DOCUMENTS.
- CONTRACTOR TO VERIFY CENTERLINE AND GUTTER SLOPES PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH THE CONSTRUCTION DRAWINGS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
- 19. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN CONFORMING TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION AND ACCORDING TO PROJECT SPECIFICATIONS. TRAFFIC CONTROL DEVICES FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION AND ACCORDING TO PROJECT SPECIFICATIONS. TRAFFIC CONTROL PLAN SHALL MATCH APPROVED PHASING/SEQUENCING PLAN AND SHALL BE SUBJECT TO THE APPROVAL BY THE CITY, WASHINGTON COUNTY AND/OR ODOT AS APPLICABLE.
- 20. THE CONTRACTOR SHALL PROVIDE TO THE CITY PROJECT MANAGER AND INSPECTOR A 24 HOUR CONTACT PERSON AND
- 21. NO TRENCHES OR PITS WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES AND PITS SHALL BE COVERED WITH STEEL PLATES OR FILLED IN AT NIGHT
- 22. PROPERTY LINES SHOWN ON ALL PLAN SHEETS ARE FOR GENERAL DELINEATION ONLY AND ARE, BY NO MEANS, MEANT TO REPRESENT THE ACTUAL BOUNDARIES.

- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL CONSTRUCTION SAFETY, HEALTH AND OTHER RULES AND REGULATIONS FROM OSHA, DEQ, STATE, AND LOCAL REGULATING AGENCIES FOR SAFETY AND INSTALLATION OF THE WORK INCLUDING BUT NOT LIMITED TO SHORING, BRACING, ERECTION/INSTALLATION, FALL PROTECTION.
- 24. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE EXISTING AGGREGATE BASE AS NECESSARY TO CEMENT TREAT BASE AND ACHIEVE SURFACE BASE LEVEL FOR PLACEMENT OF NEW HMAC WHILE MEETING THE CURB AND DRIVEWAY EXPOSURE REQUIREMENTS IN THE PLANS.
- 25. WHEN MATCHING EXISTING PAVEMENT, SAWCUT TO FIRM PAVEMENT. MINIMUM SAWCUT IS 1' FROM EXISTING EDGE OF PAVEMENT OR AS SHOWN ON PLANS. SAWCUT LOCATION TO BE APPROVED BY INSPECTOR.
- 26. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES AND UTILITIES NOT SHOWN TO BE REMOVED. CONTRACTOR SHALL REPLACE OR REPAIR ANY EXISTING STRUCTURES (SIDEWALKS, DRIVEWAYS, CURB, FENCE, STREET TREES, ETC.) DAMAGED DURING CONSTRUCTION, IN ACCORDANCE WITH CITY STANDARDS.
- 27. ALL LINEWORK SHOWN ON THE PLAN IS FROM A 2004 AERIAL MAP AND FROM VISUAL OBSERVATION AND IS THEREFORE NOT GUARANTEED FOR ACCURACY AND SHOULD NOT BE USED FOR OTHER PURPOSES.

EROSION CONTROL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE IMPLEMENTATION OF THESE ESC PLANS AND CONSTRUCTION MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE LOCAL JURISDICTION, AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO
- AT NO TIME SHALL SEDIMENT BE ALLOWED TO ACCUMULATE MORE THAN 1/3 THE BARRIER HEIGHT. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED AFTER PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- STORM DRAIN INLETS, BASINS, AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED
- IF THERE ARE EXPOSED SOILS OR SOILS NOT FULLY ESTABLISHED FROM OCTOBER 1ST THROUGH MAY 31ST, THE WET WEATHER EROSION PREVENTION MEASURES WILL BE IN EFFECT. SEE THE EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL (CHAPTER 4) OF CLEAN WATER SERVICES FOR REQUIREMENTS.
- THE CONTRACTOR SHALL REMOVE ESC MEASURES WHEN VEGETATION IS FULLY ESTABLISHED.
- 10. ALL PUMPING OF SEDIMENT-LADEN WATER SHALL BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (FILTER BAG, DIRT BAG, ETC.)
- 11. SITE EROSION CONTROL PLAN AND BMP'S MEETING CWS STANDARDS TO BE IN PLACE AND APPROVED PRIOR TO
- 12. TRACKING OF MATERIALS OUTSIDE OF THE WORK ZONE, ONTO ADJACENT STREETS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND CLEAN TO THE SATISFACTION OF THE INSPECTOR. THIS INCLUDES BUT IS NOT LIMITED TO SOIL, AGGREGATE, ASPHALT DEBRIS, ETC.
- 13. CONTRACTOR TO PROVIDE FOR CONCRETE WASHOUT. SUBMIT PLAN FOR CONCRETE WASHOUT TO INSPECTOR FOR APPROVAL (INCIDENTAL).

WORK HOURS/TRAFFIC CONTROL NOTES

- 1. WORK HOURS ARE FROM 8:00AM TO 6:00PM MONDAY THROUGH FRIDAY
- SW DIVISION STREET AND SW MANSFIELD STREET MAY BE "CLOSED LOCAL TRAFFIC ONLY" DURING GRINDING, RECONSTRUCTION AND INLAY CONSTRUCTION. STREETS TO REMAIN OPEN DURING SIDEWALK RAMP WORK. CONTRACTOR TO MAINTAIN INTERSECTION VISIBILITY DURING SIDEWALK RAMP WORK.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EMERGENCY VEHICLE ACCESS TO ALL PROPERTIES AT ALL TIMES.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS FOR MAIL AND TRASH (FRIDAY) AT ALL TIMES.
- TRAFFIC CONTROL SHALL INCLUDE ALL PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING, BARRICADES, DELINEATORS, SIGNAGE, FLAGGERS, TEMPORARY PAVEMENT MARKINGS AND ALL INCEDENTALS NECESSARY TO COMPLETE THE WORK. TO BE PAID FOR UNDER THE BID ITEM "TEMPORARY WORK ZONE TRAFFIC CONTROL. COMPLETE".
- CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION OF A TRAFFIC CONTROL PLAN AND ITS CONTINUED FUNCTIONING FOR THE PROTECTION OF CONSTRUCTION WORKERS, VEHICULAR TRAFFIC, BICYCLE TRAFFIC AND PEDESTRIANS. ALL TRAFFIC CONTROL DEVICES/SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. APPROVAL OF THE TRAFFIC CONTROL PLAN BY THE CITY OF SHERWOOD DOES NOT NEGATE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A SAFE WORK ZONE. THE CITY OF SHERWOOD BEARS NO LIABILITY FOR THE CONTRACTOR'S IMPLEMENTATION OF A TRAFFIC

STREET NOTES

- 1. IN AREAS WHERE CURB AND GUTTER EXISTS, NEW ASPHALT WILL MATCH FRONT EDGE OF CONCRETE GUTTER.
- 3. HOT RUBBERIZED ASPHALT SEALER REQUIRED AT ASPHALT JOINTS (INCIDENTAL).
- 4. PAVEMENT CROSS SLOPES SHALL BE AT LEAST 1.5%.
- 5. NEW ASPHALT SHALL MATCH EDGE OF CONCRETE CATCH BASINS, THERE WILL BE NO ADJUSTING OF CATCH BASIN GRATES
- NEW ASPHALT SHALL NOT COVER ANY WEEP HOLES (AT I.E. OR LOWER). CITY WILL PHOTO DOCUMENT PROJECT AREA INCLUDING EXISTING CURBS. COVERED WEEPHOLES SHALL BE CLEARED AT CONTRACTORS EXPENSE AND STREET REPAYED.
- 7. TYPICAL FULL CURB EXPOSURE IS 6" AT TOP FACE OF CURB UNLESS OTHERWISE NOTED
- 8. TYPICAL DRIVEWAY CURB EXPOSURE IS 3/4" AT TOP FACE OF CURB.
- 9. ADJUST ALL EXISTING VALVES, BLOW-OFFS AND OTHER MISCELLANEOUS BOXES AS NECESSARY TO MATCH NEW ASPHALT SURFACE GRADE - TO BE PAID FOR UNDER THE BID ITEM OF "ADJUSTING BOXES".
- 10. MANHOLES THAT REQUIRE REMOVAL OF LOWER LEVEL OF ASPHALT TO ADD CONCRETE RINGS OR OTHERWISE ADJUST THE FRAME WILL BE PAID FOR UNDER THE BID ITEM "MINOR ADJUSTMENT OF MANHOLES". THERE WILL BE NO PAYMENT FOR MANHOLE FRAMES THAT ONLY NEED TO HAVE THE ASPHALT GRINDED AROUND AND NEW ASPHALT OVERLAY MATCHING THE FRAME.
- 11. CONTRACTOR TO TEST ASPHALT SURFACE WITH 12-FOOT STRAIGHT EDGE IN TRAVEL LANES PARALLEL TO AND PERPENDICULAR TO THE CENTER LINE, AS DIRECTED BY THE INSPECTOR. THE ASPHALT SURFACE SHALL NOT VARY BY MORE THAN 1/4 INCH.
- 12. EQUIPMENT PARKED ON SITE SHALL BE PARKED AWAY FROM AN INTERSECTION AT A LOCATION APPROVED BY THE
- 13. WATER FOR CONSTRUCTION MAY BE OBTAINED FROM CITY FIRE HYDRANTS. INSTALL FIRE HYDRANT METER PRIOR TO DRAWING WATER. FIRE HYDRANT METER TO BE OBTAINED FROM CITY OF SHERWOOD WATER DEPARTMENT. COORDINATE WITH INSPECTOR. WATER FOR CONSTRUCTION IS INCIDENTAL.
- 14. REPAIR ALL DISTURBED NEIGHBORING PROPERTY BACK TO ORIGINAL OR BETTER CONDITION.
- 15. ANY SEGMENT OF STREET OPEN TO TRAFFIC THAT HAS A VERTICAL DROP (INCLUDING DRIVEWAYS) SHALL HAVE A
- 16. ANY EXISTING SURFACE TO REMAIN (CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, ETC.) THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE
- 17. TRAFFIC CONTROL SHALL INCLUDE BUT IS NOT LIMITED TO PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING, BARRICADES, DELINEATORS, SIGNAGE, FLAGGERS, TEMPORARY PAVEMENT MARKINGS AND ALL INCEDENTALS NECESSARY TO COMPLETE THE WORK. TO BE PAID FOR UNDER THE BID ITEM "TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE".
- CONTRACTOR TO CLEAN UP JAGGED CONCRETE EDGES MEETING THE APPROVAL OF THE INSPECTOR. SOME SAWCUTTING MAY BE REQUIRED. COST IS INCIDENTAL.
- 19. ANY HOLES IN THE EXISTING ASPHALT BELOW THE SURFACE LEVEL OF THE GRIND SURFACE SHALL BE FILLED WITH ASPHALT AND COMPACTED PRIOR TO OVERLAY (INCIDENTAL).
- 20. CONTRACTOR TO CLEAN AND TACK COAT GRINDED ASPHALT SURFACE PRIOR TO OVERLAY (INCIDENTAL).
- 21. CONTRACTOR TO SCHEDULE SUCH THAT NEW PAVEMENT CAN BE IMMEDIATELY INSTALLED ONCE EXISTING PAVEMENT HAS BEEN GRINDED AND AREAS OF RECONSTRUCTION HAVE BEEN COMPLETED.
- 22. CONTRACTOR TO PROTECT EXISTING MONUMENTS WITHIN ASPHALT GRINDING AREA.

- TACK COAT SHALL BE APPLIED AGAINST CONCRETE GUTTER EDGE, CURB FACE, CONCRETE STRUCTURES, EXISTING ASPHALEDGE, MANHOLE FRAMES, BLOW-OFF FRAMES, CLEANOUT FRAMES AND OTHER SURFACES OR STRUCTURES THAT WILL BE PAVED AGAINST WITH NEW ASPHALT (INCIDENTAL) PRIOR TO PAVING.

- TEMPORARY WEDGE INSTALLED. (INCIDENTAL).

LEGEND

= EXISTING CURB AND GUTTER

— = EXISTING/FINAL PAVEMENT MARKING

= EXISTING WATER VALVE

---- W---- = EXISTING WATER LINE

- ST- = EXISTING STORM LINE - SS- = EXISTING STORM LINE

- G - EXISTING GAS LINE

--- T --- = EXISTING TELECOMMUNICATION LINE

= EXISTING MANHOLE

= EXISTING CATCH BASIN

S/W = SIDEWALK

STREET N N

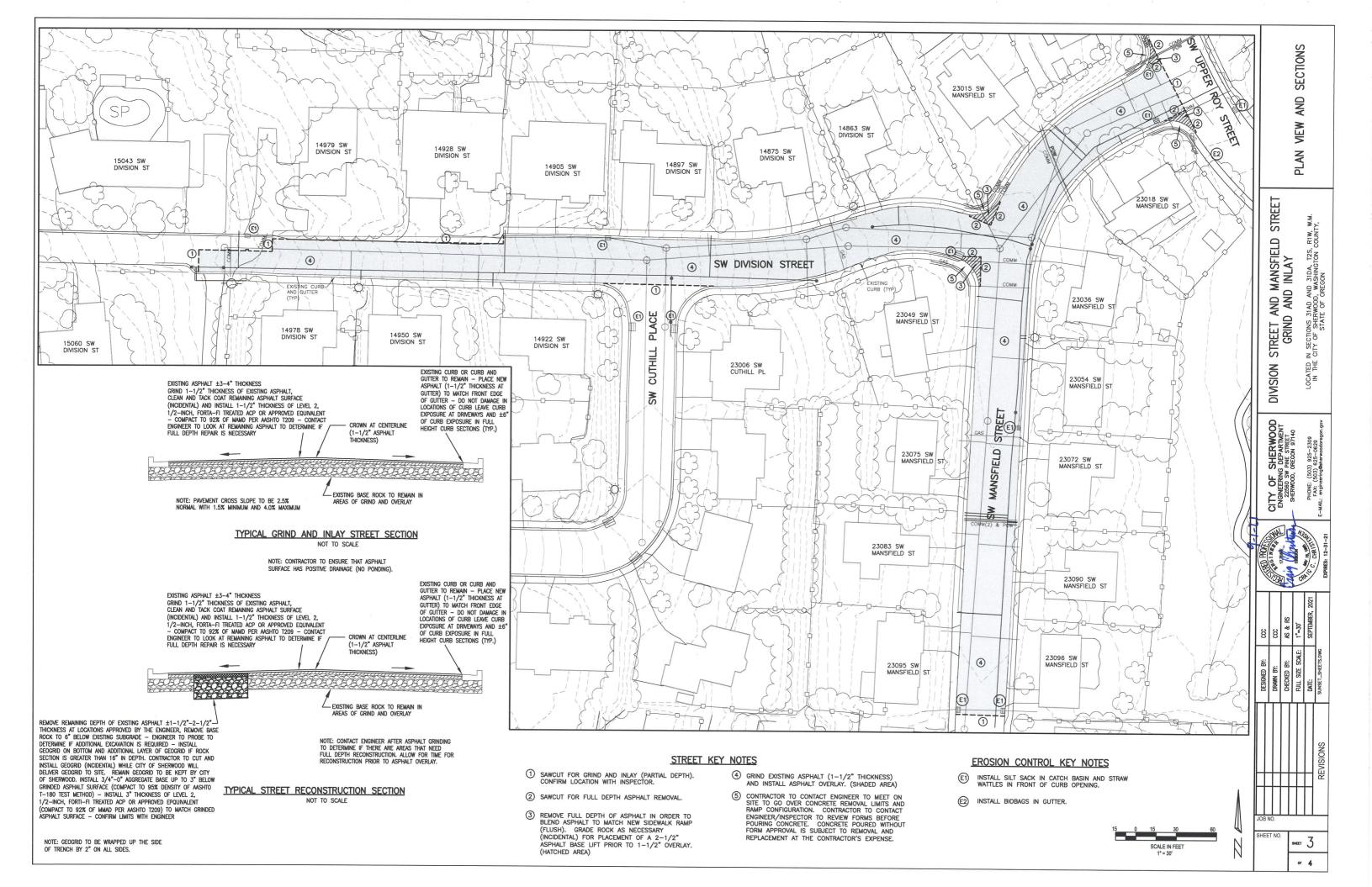
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STREET AND MANSFIELD GRIND AND INLAY IDA, WAS

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CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTORER 1 THROUGH MAY 31ST EACH YEAR

DURING WET WEATHER PERIOD, TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY.

SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. THEY MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED.

ALL ACTIVE INLETS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

SIGNIFICATION FOR SEQUENCE CONTINUE AS INSTALLED FOR IMPRIENT AND INTEREST AND INTEREST. SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.

. SEDIMENT MUST BE REMOVED FROM BEHIND ALL SEDIMENT CONTROL MEASURES WHEN IT HAS REACHED A HEIGHT OF 1/3-RD THE BARRIER HEIGHT AND PRIOR TO THE CONTROL MEASURES REMOVAL.

CLEANING OF ALL STRUCTURES WITH SUMPS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50% AND AT COMPLETION OF PROJECT

10. ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL.

THE PERMITTEE MUST PROPERLY MANAGE HAZARDOUS WASTES, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER
TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION.

THE APPLICATION MATE OF FERTILIZES USED TO RESTANDAIS VIGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZES TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZES SHOULD BE USED AND CARE SHOULD BE MADE IN APPLICATION OF FERTILIZES WITHIN ART WATER WATER PAPARA 2005.

OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH CURRENT CLEAN WATER SERVICES STANDARDS AND STATE, AND FEDERAL REGULATIONS.

A PIGR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDAIRS OF THE CLEARING MUSTIN, SPECIATED SERVICE APPLIES AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELIBERATION TO THE CLEARING MUSTIN, SPECIATED SHEVENER, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELIBERATION TO THE CLEARING MUSTIN. THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE DOUGHOUS OF THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE DOUGHOUS OF THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE DOUGHOUS OF THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE DOUGHOUS OF THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE DOUGHOUS OF THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE DOUGHOUS OF THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE OWNER/PERMIN FOR THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE OWNER/PERMIN MUST AMARITAN THE DELIBERATION FOR THE OWNER/PERMIN FOR THE OWNER/PER

5. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMPS THAT MUST BE INSTALLED ARE GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMPS MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.

I. F VEGETATIVE SEED MIXES ARE SPECIFIED, SEEDING MUST TAKE PLACE NO LATER THAN SEPTEMBER 1ST; THE TYPE AND PERCENTAGES OF SEED IN THE MIX ARE AS IDENTIFIED ON THE PLANS OR AS SPECIFIED BY THE DESIGN ENGINEER.

WATERTIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. AN APPROVED EQUIVALENT IS TO DRAIN THE SOIL ON SITE AT A DESIGNATED LOCATION USING APPROPRIATE BMPS; SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE.

ALL PUMPING OF SEDIMENT LADEN WATER MUST BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP (I.E. FILTER BAG).

19. THE ESC PLAN MUST BE KEPT ONSITE. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.

THE ESC MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE
MEASURES SHALL BE UPGRADED AS NEEDED TO MAINTAIN COMPLIANCE WITH ALL REGULATIONS.

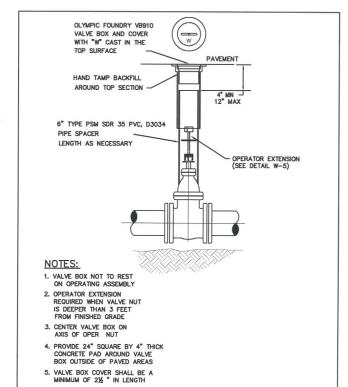
WRITTEN ESC LOGS ARE SUGGESTED TO BE MAINTAINED ONSITE AND AVAILABLE TO DISTRICT INSPECTORS UPON REQUEST.

IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMPS MUST BE USED, WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER APPROVED MEASURES.

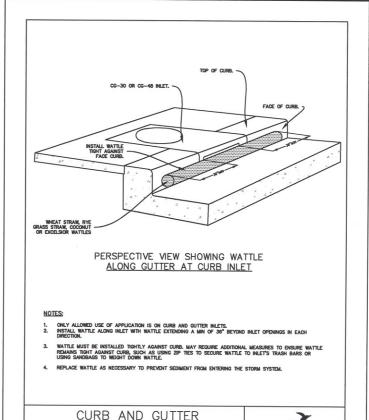
23. ALL EXPOSED SOILS MUST BE COVERED, AT END OF BUSINESS DAY, DURING WET WEATHER PERIOD, FROM OCTOBER 1 - MAY 31.

STANDARD EROSION CONTROL NOTES FOR SITES LESS THAN 1 CleanWater Services DRAWING NO. 945 ACRE REVISED 10-31-19

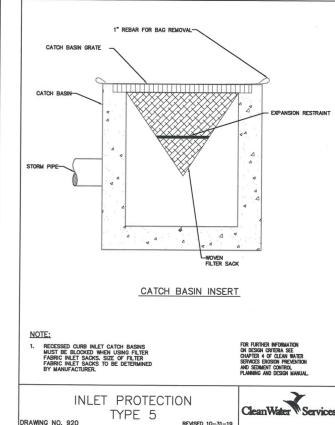




Shier wood oregon	STANDARD DRAWING TITLE		DRAWING NUMBER
	TYPICAL GATE VALVE SETTING DETAIL		W-3
	Any alteration of this drawing may not be	SCALE	DATE
	associated in any way with the City of Sherwood Standard Drawings.	N.T.S.	JUL' 09



CleanWater Services



DETAIL

R1W, COUNT

72S,

N SECTIONS 31AD AND 31DA, CITY OF SHERWOOD, WASHING STATE OF OREGON

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STREE

STREET AND MANSFIELD GRIND AND INLAY

DIVISION

OB NO.

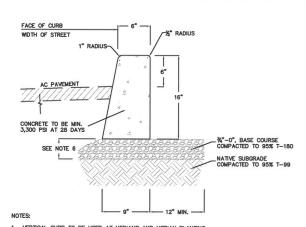
HEET NO

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RD-44

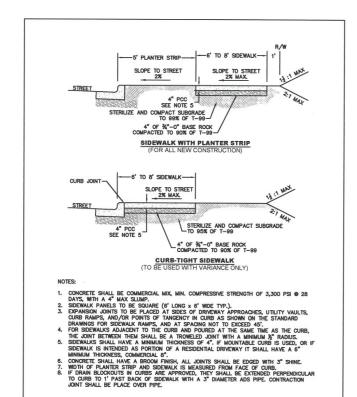
DATE

MAR '16

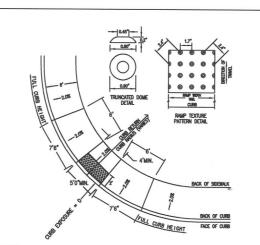


- VERTICAL CURB TO BE USED AT MEDIANS AND MEDIAN PLANTING STRIPS, OR IN REPLACEMENT OF DAMAGED EXISTING VERTICAL CURBS.
- CONCRETE SHALL BE COMMERCIAL MIX. MIN. COMPRESSIVE STRENGTH OF 3,300 PSI AT 28 DAYS.
- EXPANSION JOINTS TO BE PROVIDED: AT POINT OF TANGENCY OF THE CURB, AT EACH COLD JOINT, AT THE SIDE OF INLET STRUCTURES, AT THE ENDS OF DRIVEWAYS AND AT LOCATIONS NECESSARY TO LIMIT SPACING TO 45 FEET.
- CONTRACTION JOINTS SHALL NOT BE SPACED MORE THAN 15 FEET AND SHALL BE 1½" IN DEPTH.
- 6 BASE ROCK: ¾"-0", COMPACTED TO 95% MAX DENSITY. BASE ROCK SHALL BE TO SUBGRADE OF STREET STRUCTURE OR 6" IN DEPTH, WHICHEVER IS GREATER.

Sherwood	STANDARD DRAWING TITLE		DRAWING NUMBER
	VERTICAL CURB		RD-21
	Any alteration of this drawing may not be	SCALE	DATE
	associated in any way with the City of Sherwood Standard Drawings.	N.T.S.	MAR '16



Sherwood	STANDARD DRAWING TITLE		DRAWING NUMBER
		SIDEWALK DETAIL	RD-26
	Any alteration of this drawing may not be	SCALE	DATE
	associated in any way with the City of Sherwood Standard Drawings.	N.T.S.	MAR '16



INLET PROTECTION

NOTES:

- NOISE:

 PROMECT ENGINEER SHALL USE THIS DRAWING AS A GUIDE FOR DESIGNING RAMPS AND SHALL PREPARE A SITE SPECIFIC DRAWING FOR EACH RAMP.

 PROMECT ENGINEER SHALL VERITY APPLICABILITY OF THIS DRAWING TO SPECIFIC LOCATIONS WITHIN THE PROJECT BETORE USING IT AS A DESIGN GUIDE AND SHALL LOCATE EACH RAMP RELATIVE TO CONCENSIVAL OF STANDES HALL MEET CURRENT ADA STANDARDS.

 PLANTER STRIP DETAIL REFER TO GOOT STANDARD DRAWING RD 755 (SIDEWALK RAMP DETAIL).

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 PLANTER STRIP DETAIL REFER TO GOOT STANDARD DRAWING RD 755 (SIDEWALK RAMP DETAIL).

 PLUMOTH OF RAMP, WITH DOMES AUGNED ON A SQUARE GRID WITH ITS GRIDURES PARALLEL AND PERPENDICULAR TO THE CENTRELINE OF THE RAMP. COOR OF DETECTABLE WARNING SHALL BE SENTINGED.

 SAFETY FELLOW.

 SAFETY FELLOW.

 CONCRETE SHALL BE A COMMERCIAL MIX, WITH A 28 DAY COMPRESSIVE STRENGTH OF 3300 PSI WITH A 4" MAX SLUMP.

- A 4" MAX SLUMP.

 8. %"-0" BASE PROCK SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY.

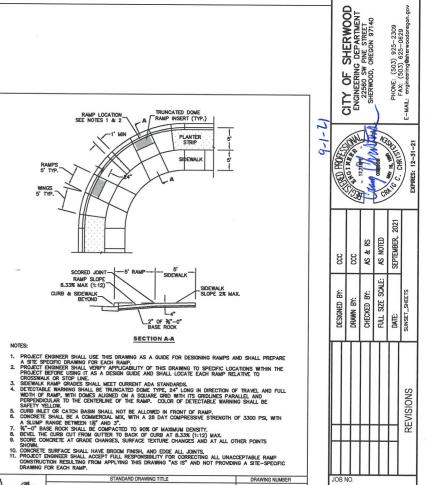
 9. BEVEL THE CURB CUT FROM GUTTER TO BACK OF CURB AT 8.33% (1:12) MAX.

 SCORE CONCRETE AT GRADE CHANGES, SURFACE TEXTURE CHANGES AND AT ALL OTHER POINTS SHOWN.

 11. CONCRETE SURFACE SHALL HAVE BROOM FINISH, AND EDGE ALL JOINTS.

 12. PROJECT ENGINEER SHALL ACCEPT FULL RESPONSIBILITY FOR CORRECTING ALL UNACCEPTABLE RAMP CONSTRUCTION RESULTING FROM JAPPLAYOR THIS DRAWING "AS IS" AND NOT PROVIDING A SITE-SPECIFIC DRAWING FOR EACH RAMP.

Sherwood	STANDARD DRAWING TITLE CURB-TIGHT CURB RETURN & RAMP DETAIL		DRAWING NUMBER RD-43
	Uregon	associated in any way with the City of Sherwood Standard Drawings.	N.T.S.



DOUBLE CROSSING CURB RETURN & RAMP DETAIL