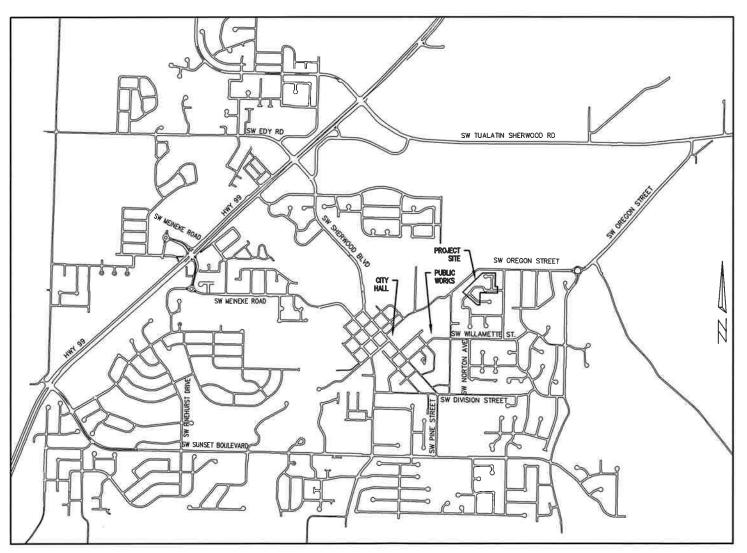
CITY OF SHERWOOD 2025 CATCH BASIN REPLACEMENT

SEPTEMBER 2025 (CONTRACT DRAWINGS)



VICINITY MAP

NOT TO SCALE

THIS DESIGN COMPLIES WITH ORS 92.044 (7) IN THAT NO THIS DESIGN COMPUES 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.



ATTENTION EXCAVATORS: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN DAR 952-011-0010 THROUGH DAR 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.

DEVELOPER/OWNER: CITY OF SHERWOOD 22550 SW PINE ST SHERWOOD, ORECON 97140 CONTACT: SOPI LAM, PE PH. 503-925-2303

- SHEET INDEX:

 1 COVER SHEET
 2 GENERAL NOTES

PROJECT LOCATION:

SW WERT CT SW NOTTINGHAM CT SW KELSEY CT

- PLAN VIEW (WERT CT AND NOTTINGHAM CT)
 PLAN VIEW (NOTTINGHAM CT AND KELSEY CT)

INPSECTOR INFORMATION:

CITY OF SHERWOOD: ANDY STIRLING (503) 925-2307 CONTACT INSPECTOR 48 HOURS PRIOR TO 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 CONTRACTORS.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION AND ARRINGE 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.
- 4. 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) 246-5699.
- 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 PARTITED 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
- 5. 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 OF 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 MORK.
- 9. 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 EQUIPMENT, REFUELING, AND PICK UP AND DELIVERY OF EQUIPMENT 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 MATERIAL.
- 11. THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES WITH ALL KNOWN CHANGES REDUINED ON THE WORKING PLAN SET FOR THE SOLE PURPOSE OF RECORDING AS BUILT INFORMATION OF IMPROVEMENTS AND LOCATION AND DEPTH OF ANY EXISTING UTILINES ENCOUNTREED.
- 12. 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.
- 13. 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 BRDICCT
- 14. CONTRACTOR SHALL PROVIDE EFFECTIVE EROSION PROTECTION TO INCLUDE, BUT NOT BE LIMITED TO, GRADING, DITCHING, STRAW WATTLES, TRUNDULAR SILT DAMS, SILT FERDING, AND SEDIMENT BARRIERS TO MINIMIZE EROSION AND IMPACT TO ADJACENT PROPERTY. SEE FROSION AND SEDIMENT CONTROL NOTES AND PLANS.
- 15. 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 ADD COMPLIANT, APPROVED BY THE ENGINEER, AND INCIDENTIAL TO THE CONTRACT, RESIDENTIAL DRIVEWAYS MAY ONLY BE CLOSED FOR A MAXIMUM OF ONE DAY (8:00 AM TO 6:00 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 FOR CLARIFICATION OR CORRECTION.
- 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.
- 18. 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 PLAN SHALL MATCH APPROVED PHASING/SEQUENCING PLAN AND SHALL BE SUBJECT TO THE APPROVAL BY THE CITY WASHINGTON COUNTY AND/OR ODOT AS APPLICABLE. APPROVAL OF THE TRAFFIC CONTROL PLAN BY THE CITY OF SHERWOOD DOES NOT ABROGATE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A SAFE WORK ZONE. THE CITY OF SHERWOOD BEARS NO LIABILITY FOR THE CONTRACTOR'S IMPLEMENTATION OF THIS TRAFFIC CONTROL PLAN.
- 19. THE CONTRACTOR SHALL PROVIDE TO THE CITY PROJECT MANAGER AND INSPECTOR A 24 HOUR CONTACT PERSON AND CELL PHONE NUMBER
- 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.
- 21. 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,
 GUARDRAILS, ETC.
- 23. 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.
- 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.
- 25. ALL UTILITIES SHOWN ARE FROM GIS AND FROM UTILITY LOCATES. CONTRACTOR TO CONTACT ENGINEER IMMEDIATELY IF THERE ARE DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE PLANS BEFORE MAKING ANY CHANGES OR ADJUSTMENTS.

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 ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, RODWAYS, OR YOLATE APPLICABLE WATER STANDARDS.
- 4. 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 ENSURE THEIR CONTINUED FUNCTIONING.
- 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 AND/OR VEGETATION IS RE-ESTABLISHED.
- IF THERE ARE EXPOSED SOILS OR SOILS NOT FULLY ESTABLISHED FROM OCTOBER 1ST THROUGH MAY 31ST, THE WET WEATHER EXPOSION 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.
- 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 CONSTRUCTION.
- 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.

STREET NOTES

- TACK COAT SHALL BE APPLIED AGAINST CONCRETE GUTTER EDGE, CURB FACE, CONCRETE STRUCTURES, EXISTING ASPHALT EDGE, MANHOLE FRAMES, BLOW-OFF FRAMES, CLEANOUT FRAMES AND OTHER SURFACES OR STRUCTURES THAT WILL BE PAVED AGAINST WITH NEW ASPHALT (INCIDENTAL) PRIOR TO PAVING.
- 2. EQUIPMENT PARKED ON SITE SHALL BE PARKED AWAY FROM AN INTERSECTION AT A LOCATION APPROVED BY THE INSPECTOR.
- 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.
- 4. REPAIR ALL DISTURBED NEIGHBORING PROPERTY BACK TO ORIGINAL OR BETTER CONDITION.
- ANY EXISTING SURFACE TO REMAIN (CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, ETC.) THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AND THE CONTRACTOR'S EXPENSE.
- 5. ASPHALT JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT AND BETWEEN NEW ASPHALT AND EXISTING OR NEW CURB SHALL BE SEALED WITH HOT RUBBERIZED ASPHALT SEALER OR APPROVED FOLLIVALENT

STORM SEWER NOTES

- 1. NO TESTING OF STORM SEWER IS REQUIRED FOR THIS PROJECT.
- 2. ANY NECESSARY COUPLINGS SHALL BE STRONG BACK FERNCO OR APPROVED EQUIVALENT,

LEGEND

= EXISTING CURB = EXISTING CURB AND GUTTER FX = FXISTING S/W = SIDEWALK -WAT- = EXISTING WATER LINE R/W = RIGHT-OF-WAY - ST - EXISTING STORM LINE D/W = DRIVEWAY -SAN- = EXISTING STORM LINE F.H. = FIRE HYDRANT _ G _ = EXISTING GAS LINE = WATER VALVE _____ = EXISTING TELECOMMUNICATION LINE __POW_ = EXISTING ELECTRICAL LINE = RADIUS © = CENTER LINE = EXISTING MANHOLE TOC = TOP OF CURB = EXISTING CATCH BASIN FG = FINISH GRADE G = GUTTER = PROPOSED CATCH BASIN RT = RIGHT LT = LEFT

WORK HOURS/TRAFFIC CONTROL NOTES

1, WORK HOURS ARE FROM 8:00AM TO 6:00PM MONDAY THROUGH FRIDAY.

= EXISTING FIRE HYDRANT

= EXISTING STREET LIGHT

- STREETS SHALL HAVE ONE LANE OPEN TO TRAFFIC AT ALL TIMES. LANE CLOSURE MAY ONLY OCCUR
 BETWEEN THE HOURS OF 8:30AM TO 6:00PM. ALL LANES OF TRAFFIC SHALL BE REOPENED AT THE END OF
 EACH WORKDAY.
- TRENCHES SHALL BE BACKFILLED TO THE SURFACE AT THE END OF EACH WORK DAY PRIOR TO REOPENING THE STREET, COST IS INCIDENTAL. STEEL PLATES MAY BE USED WITH APPROPRIATE SIGNAGE IF APPROVED BY THE INSOFCTOR
- 4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EMERGENCY VEHICLE ACCESS TO ALL PROPERTIES AT ALL TIMES.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS FOR MAIL, TRASH (FRIDAY) AND SCHOOL BUS SERVICES AT ALL TIMES.
- THE CONTRACTOR SHALL COORDINATE WITH NEIGHBORS AT LEAST 48 HOURS IN ADVANCE OF DOING WORK THAT WILL AFFECT THEIR DRIVEWAY ACCESS.
- 7. TRAFFIC CONTROL SHALL INCLUDE ALL PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKING, BARRICADES, DELINEATORS, SIGNAGE, FLAGGERS, TEMPORARY PAVEMENT MARKINGS AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK. TO BE PAID FOR UNDER THE BID ITEM "TEMPORARY WORK ZONE TRAFFIC CONTROL COMPLETE".

RAL NOT

ON 32A & 32D, 72S, R1W, W.M. IN CITY OF SHERWOOD, COUNTY, STATE OF OREGON

REPLACEMENT

BASIN

CATCH

2025

LOCATED IN SECTION 32A & 32D, THE CITY OF SHERW WASHINGTON COUNTY, STATE

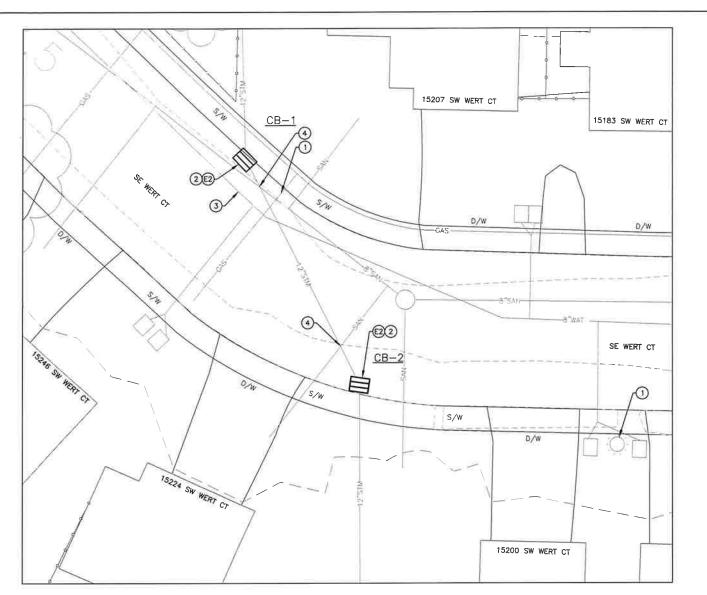
OF SHERWOOD
ERING DEPARTMENT
60 SW PINE STREET
WOOD, OREGON 97140

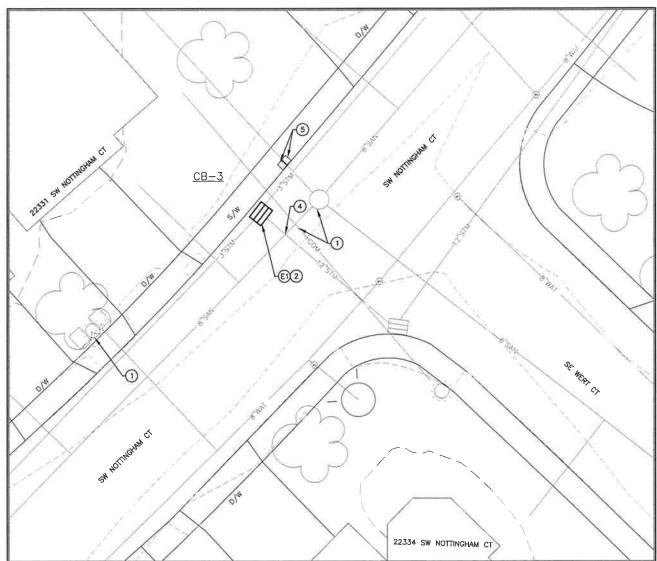
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DESIGNED BY: SAL
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DRAWN

SHEET NO.

or 6





BID SCHEDULE NOTES

- "TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE" SHALL INCLUDE SIGNAGE FOR PEDESTRIAN TRAFFIC CONTROL ALONG THE SIDEWALK.
- 2. "EROSION CONTROL, COMPLETE" INCLUDES, BUT IS NOT LIMITED TO, PRODUCTS DETAILED ON SHEET 6 AND EROSION CONTROL, COMPLETE INCLODES, BUT IS NOT LIMITED TO, PRODUCTS DETAILED ON SPEEL S AND SANDBAGS THAT ENSURE NO SEDIMENT AND SEDIMENT LADEN WATER ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS. TEMPORARY PIPES, PLUGS, PLATES AND ANY METHOD OF EROSION AND SEDIMENT CONTROL USED IS COVERED UNDER THIS BID ITEM. CONTRACTOR MAY SUBMIT ALTERNATIVE PRODUCTS AND/OR METHODS FOR EROSION AND SEDIMENT CONTROL FOR ENGINEER TO REVIEW.
- "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" INCLUDES REMOVAL/REPLACEMENT OF ALL ITEMS NECESSARY WHICH ARE NOT COVERED UNDER OTHER BID ITEMS. SAW CUTTING IS COVERED UNDER THIS BID ITEM.
- 4. "REMOVAL OF CATCH BASIN" INCLUDES ALL WORK TO REMOVE AND DISPOSE OF THE EXISTING CATCH BASIN AND ANY OTHER MATERIAL NECESSARY FOR THE REMOVAL OF THE CATCH BASIN WHICH ARE NOT COVERED UNDER
- 5. "CATCH BASINS, TYPE CG-2" SHALL INCLUDE EXCAVATION NECESSARY TO INSTALL, ALL WORK AND MATERIALS TO CONNECT THE CATCH BASIN TO EXISTING PIPES, ALL GRANULAR BACKFILLING AROUND THE NEW CATCH BASIN AND ALL CONCRETE CURB/CURB AND GUTTER, SIDEWALK, DRIVEWAY, BASE ROCK, AND ASPHALT WORK TO MATCH EXISTING. CONTRACTOR TO ENSURE THAT GUTTER FLOWS TO NEW CATCH BASIN WITHOUT PONDING.
- 6. "YARD RESTORATION" INCLUDES ALL WORK TO RESTORE THE SURROUNDING AREA TO EQUAL OR BETTER CONDITION THEN WHAT EXISTED PRIOR TO CONSTRUCTION. THIS ITEM INCLUDES THE SALVAGING AND REPLANTING
- 7. PROTECTION OF EXISTING FACILITIES TO REMAIN (CONCRETE, ASPHALT, UTILITIES, ETC.) IS INCIDENTAL

STORM KEY NOTES

CB-1
REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2 ±2.3' DEEP TO 12" PIPE I.E. IN SE. ±2.1' DEEP TO 12" PIPE I.E. OUT N (VERIFY ALL PIPE SIZES). RECONNECT EX. PIPES TO NEW C.B.

CB-2
REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2. ±1.7' DEEP TO 12" PIPE I.E. IN S AND ±1.9' DEEP TO 12" PIPE I.E. OUT NW (VERIF) ALL PIPE SIZES). RECONNECT EX. PIPES TO NEW C.B. AFTER REMOVAL OF CATCH BASIN-

CB-3 REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2. ±1.9' DEEP TO 12" PIPE I.E. OUT SE. RECONNECT EX. PIPE TO NEW C.B (VERIFY PIPE SIZE). ELIMINATE BASE ROCK DRAINAGE PIPES IN SW AND NE. VERIFY WITH ENGINEER PRIOR TO REMOVAL.

PLAN VIEW KEY NOTES

- 1) PROTECT EXISTING UTILITY
- 2) REMOVE EXISTING CURB, GUTTER AND ASPHALT AS NECESSARY TO INSTALL THE NEW CATCH BASIN. PROTECT EXISTING DRIVEWAY/SIDEWALK RESTORE CURB IN KIND AND INSTALL 4" THICKNESS OF ACP (CONFIRM LIMITS WITH INSPECTOR PRIOR TO REMOVAL.
- 3 CONTRACTOR TO CONFIRM NO CONFLICTS WITH EXISTING WATER LINE AND CONTACT ENGINEER TO DISCUSS OPTIONS PRIOR TO ORDERING MATERIALS. ALTERNATE CATCH BASIN SELECTION MAY BE REQUIRED. INCLUDED IN BID ITEM CATCH BASIN, CG-2.
- 4 CONTRACTOR TO CONFIRM NO CONFLICTS WITH EXISTING SANITARY SEWER LINE AND CONTACT ENGINEER TO DISCUSS OPTIONS PRIOR TO ORDERING MATERIALS. ALTERNATE CATCH BASIN SELECTION MAY BE REQUIRED. INCLUDED IN BID ITEM CATCH BASIN, CG-2:
- (5) PROTECT EXISTING MAILBOX

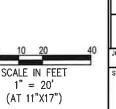
EROSION CONTROL KEY NOTES

- E1 INSTALL TEMPORARY PIPING, PLUG, AND COVER TO REMOVED CATCH BASIN TO ALLOW FOR RUNOFF TO BYPASS TO NEXT DOWNSTREAM CATCH BASIN. INSTALL BIO-FILTER BAGS AT THE DOWNSTREAM SIDE OF THE INLET AND/OR SEDIMENT BAG.
- (E2) INSTALL TEMPORARY PIPING, PLUG, AND COVER TO REMOVED CATCH BASIN. TEMPORARY PIPING SHALL BE DIRECTLY PIPED TO OUTLET PIPE. INSTALL BIO-FILTER BAGS AT THE DOWNSTREAM SIDE OF THE SEDIMENT BAG.



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or 6



BASIN ECT TON TON САТСН 2025

SHERWOOD

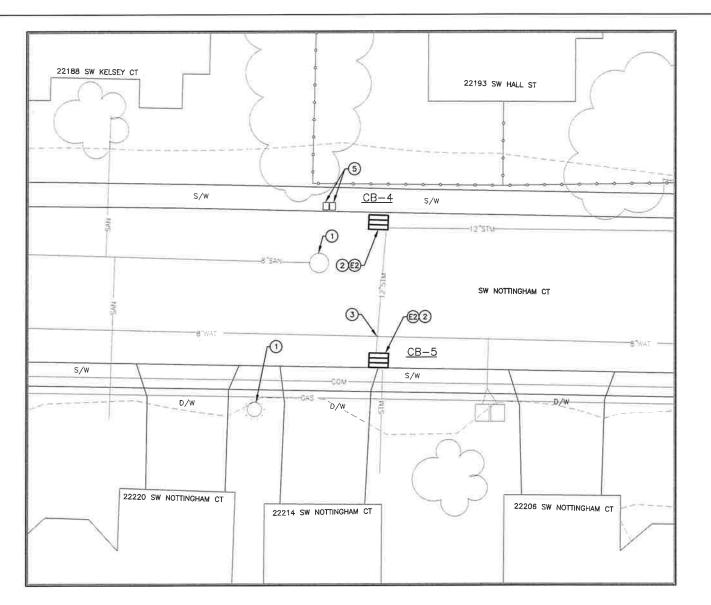
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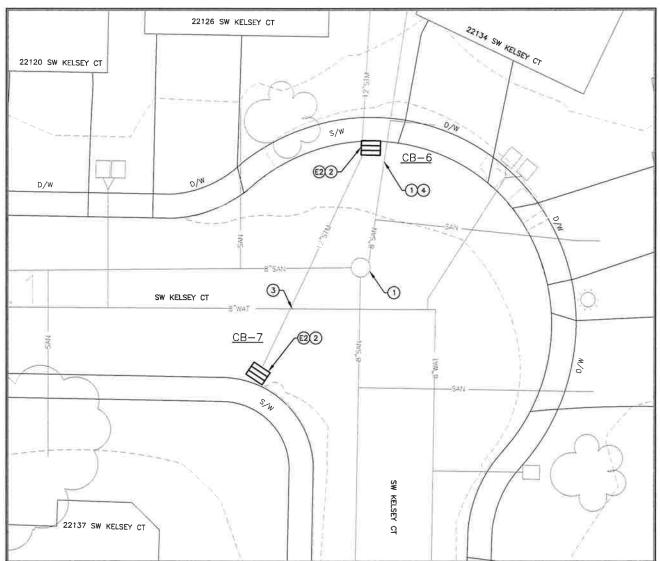
99

NOTTINGHAM

REPLACEMENT

25 99 97 97 97 97





BID SCHEDULE NOTES

- 1. "TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE" SHALL INCLUDE SIGNAGE FOR PEDESTRIAN TRAFFIC
- 2. "EROSION CONTROL, COMPLETE" INCLUDES, BUT IS NOT LIMITED TO, PRODUCTS DETAILED ON SHEET 6 AND SANDBAGS THAT ENSURE NO SEDIMENT AND SEDIMENT LADEN WATER ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS. TEMPORARY PIPES, PLUGS, PLATES AND ANY METHOD OF EROSION AND SEDIMENT CONTROL USED IS COVERED UNDER THIS BID ITEM. CONTRACTOR MAY SUBMIT ALTERNATIVE PRODUCTS AND/OR METHODS FOR EROSION AND SEDIMENT CONTROL FOR ENGINEER TO REVIEW.
- "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" INCLUDES REMOVAL/REPLACEMENT OF ALL ITEMS NECESSARY WHICH ARE NOT COVERED UNDER OTHER BID ITEMS. SAW CUTTING IS COVERED UNDER THIS BID ITEM.
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- 5. "CATCH BASINS, TYPE CG-2" SHALL INCLUDE EXCAVATION NECESSARY TO INSTALL, ALL WORK AND MATERIALS TO CONNECT THE CATCH BASIN TO EXISTING PIPES, ALL GRANULAR BACKFILLING AROUND THE NEW CATCH BASIN AND ALL CONCRETE CURB/CURB AND GUTTER, SIDEWALK, DRIVEWAY, BASE ROCK, AND ASPHALT WORK TO MATCH EXISTING. CONTRACTOR TO ENSURE THAT GUTTER FLOWS TO NEW CATCH BASIN WITHOUT PONDING.
- "YARD RESTORATION" INCLUDES ALL WORK TO RESTORE THE SURROUNDING AREA TO EQUAL OR BETTER
 CONDITION THEN WHAT EXISTED PRIOR TO CONSTRUCTION. THIS ITEM INCLUDES THE SALVAGING AND REPLANTING
 OF FISHING SHRIPS.
- 7. PROTECTION OF EXISTING FACILITIES TO REMAIN (CONCRETE, ASPHALT, UTILITIES, ETC.) IS INCIDENTAL.

STORM KEY NOTES

CB-4 REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2 \pm 3.0' DEEP TO 12" PIPE I.E. IN S AND \pm 3.0' DEEP TO 12" PIPE I.E. OUT E (VERIFY ALL PIPE SIZES). RECONNECT EX. PIPES TO NEW C.B.

 $\frac{CB-5}{REMOVE EXISTING}$ CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2 WITH NOT CURB INLET. $\pm 2.7'$ DEEP TO PIPE I.E. IN S AND $\pm 2.7'$ DEEP TO 12" PIPE I.E. IN N (VERIFY ALL PIPE SIZES). RECONNECT EX. PIPES TO NEW C.B.

CB=6
REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2
APPROXIMATELY 18" AWAY FROM EXISTING DRIVEWAY, REMOVE CURB AT JOINT FOR
SHIFTED CATCH BASIN AND REPLACE EXISTING CURB AT EXISTING CURB INLET. ±3.0'
DEEP TO 12" PIPE I.E. IN SW AND ±3.0' DEEP TO 12" PIPE I.E. OUT N (VERIFY ALL PIPE
SIZES). RECONNECT EX. PIPES TO NEW C.B. VERIFY NEW LOCATION WITH ENGINEER PRIOR
TO BACKFILING.

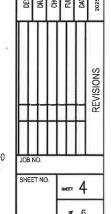
 $\frac{\text{CB}-\text{Z}}{\text{REMOVE EXISTING CATCH BASIN AND REPLACE WITH NEW CATCH BASIN, TYPE CG-2. <math display="inline">\pm 3.2'$ DEEP TO 12" PIPE I.E. OUT NE (VERIFY PIPE SIZE). RECONNECT EX. PIPES TO NEW C.B.

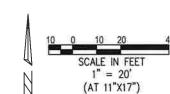
PLAN VIEW KEY NOTES

- 1) PROTECT EXISTING UTILITY
- REMOVE EXISTING CURB, GUTTER AND ASPHALT AS NECESSARY TO INSTALL THE NEW CATCH BASIN. PROTECT EXISTING DRIVEWAY/SIDEWALK. RESTORE CURB IN KIND AND INSTALL 4" THICKNESS OF ACP (CONFIRM LIMITS WITH INSPECTOR PRIOR TO REMOVAL.
- 3 CONTRACTOR TO CONFIRM NO CONFLICTS WITH EXISTING WATER LINE AND CONTACT ENGINEER TO DISCUSS OPTIONS PRIOR TO ORDERING MATERIALS. ALTERNATE CATCH BASIN SELECTION MAY BE REQUIRED. INCLUDED IN BID ITEM CATCH BASIN, CG-2.
- (4) CONTRACTOR TO CONFIRM NO CONFLICTS WITH EXISTING SANITARY SEWER LINE AND CONTACT ENGINEER TO DISCUSS OPTIONS PRIOR TO ORDERING MATERIALS. ALTERNATE CATCH BASIN SELECTION MAY BE REQUIRED. INCLUDED IN BID ITEM CATCH BASIN, CG-2.
- (5) PROTECT EXISTING MAILBOX

EROSION CONTROL KEY NOTES

- EI INSTALL TEMPORARY PIPING, PLUG, AND COVER TO REMOVED CATCH BASIN TO ALLOW FOR RUNOFF TO BYPASS TO NEXT DOWNSTREAM CATCH BASIN. INSTALL BIO-FILTER BAGS AT THE DOWNSTREAM SIDE OF THE INLET AND/OR SEDIMENT BAG.
- E2 INSTALL TEMPORARY PIPING, PLUG, AND COVER TO REMOVED CATCH BASIN. TEMPORARY PIPING SHALL BE DIRECTLY PIPED TO OUTLET PIPE. INSTALL BIO-FILTER BAGS AT THE DOWNSTREAM SIDE OF THE SEDIMENT BAG.





-AN VIEW (NOTTINGHAM CT AND KELSEY CT)

CATCH BASIN REPLACEMENT

ATED IN SECTION 32A & 32D, T2S, R1W, W.M. IN

THE CITY OF SHERWOOD,

WASHINGTON COUNTY, STATE OF OREGON

2025

CITY OF SHERWOOD ENGINEERING DEPARTMENT 22550 SW PINE STREET SHERWOOD, ORGGON 97140 PHONE: (503) 925–2309 FAX: (503) 925–2309 FAX: (503) 825–8309 FAX: engineering@blewoodrogon.gov

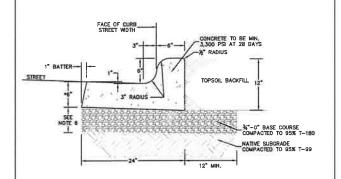
The second of th

PAVEMENT SECTION CHART

COMPONENT INICKALSS (INCHES)				
FUNCTIONAL CLASSIFICATION	SECOND LIFT HMAC THICKNESS	FIRST LIFT HMAC THICKNESS	LEVELING COURSE THICKNESS	BASE ROCK COURSE THICKNESS
LOCAL	2°	2"	2"	8"
NEIGHBORHOOD	2"	2"	2"	9*
COMMERCIAL	2"	3"	3"	9*
COLLECTOR	2"	3"	3"	9"
ARTERIAL	2"	3"	4"	10"

- . MATERIALS AND PLACEMENT OF THE HOT MIXED ASPHALT CONCRETE PAYEMENT (ACP) SHALL CONFORM TO THE REQUIREMENTS DELINEATED IN SECTION 00744 ASPHALT CONCRETE PAYEMENT (ACP), OF THE 000T/APWA, ORECON STANDARD SPECIFICATIONES FOR CONSTRUCTION (LATEST EDITION), EXCEPT AS MODIFIED BY CITY AND NOTED IN THE CITY'S ENGINEERING DESIGN AND STANDARD DETAILS MANUAL (LATEST EDITION).
- . THE TOP LIFT OF HMAC SHALL BE PLACED PRIOR TO CITY FINAL ACCEPTANCE OF PUBLIC INFRASTRUCTURE INPROVINGENTS:
- CRUSHED AGGREGATE USED FOR BASE ROCK AND LEVELING COURSE SHALL CONFORM TO THE REQUIREMENTS DELINEATED IN SECTION 02830 BASE AGGREGATE, OF THE 000T/APWA, OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION ((LATEST EDITION).
- FOR ARTERIAL CLASSIFICATION USE LEVEL 3.

Sherwood Sherwood	PAVEMENT SECTION		DRAWING NUMBER	
			RD-20	
	Any alteration of this drawing may not be	SCALE	DATE	
	succepted in any may with the City of \$1 crue at Standard Drawings	N.T.S.	MAR '16	



NOTES:

- I. MONOLIDIC CUR® AND GUTTER SHALL BE USED ON ALL NEW ROADWAY SECTIONS, EXCEPT AT ROADWAY MEDIANS AND AT MOUNTABLE CURB SECTIONS (SEE STD DET RD-21 & RD-24 FOR THESE CONDITIONS).

 CONCRETE SHALL BE COMMERCIAL MIX, WITH A 28-DAY COMPRESSIVE STRENGTH OF \$,300 PS, WITH A 4" MAX SLUMP.

 EXPANSION JOINTS TO BE PROVIDED AT EACH:

 A. POINT OF TANGENCY.

 B. COLD JOINT.

 C. SIDE OF INLET STRUCTURES.

 D. SIDE OF DRIVEWAYS.

 EXPANSION JOINT MATERIAL SHALL BE PRE-MOLDED, ASPHALT IMPREGNATED, NON-EXTRUDING, WITH A THICKNESS OF X".

- 4. EXPANSION JOINT MATERIAL SHALL BE PRE-MOLDED, ASPHALT IMPREGNATED, NON-EXTRUDING, WITH A THICKNESS OF X.*

 5. CONTRACTION JOINTS SHALL HAVE:

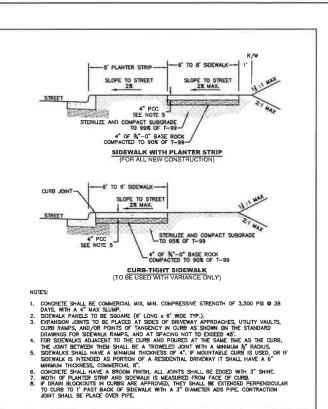
 A. SPACING OF NOT MORE THAN 15 FEET.

 B. DEPTH OF JOINT OF AT LEAST 1X.*

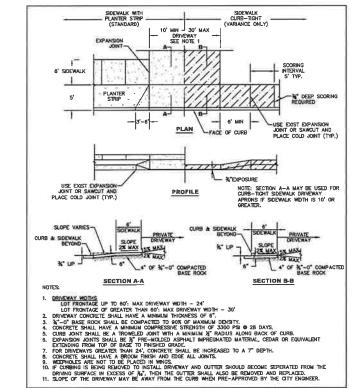
 B. BASE ROCK SHALL BE X.*—0°, COMPACTED TO 95% OF MAXIMUM DENSITY PER AASHTO T-180. BASE ROCK SHALL BE TO SUBGRADE OF STREET STRUCTURES OR 6°, WHICHEVER IS GREATER, AND SHALL EXTROL 12° BEHIND CUBB.

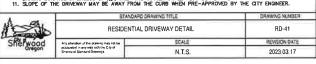
 7. FOR CURB AND GUITTER REQUIREMENTS ON SHED AND SUPERELEVATED ROAD SECTIONS, SEE STD DET RO-23
- RD-23
 COMMERCIAL DRIVEWAY DROPS SHALL BE 8" THICK, RE-BAR REINFORCED, AND 4,000 PSI AT 28 DAYS.

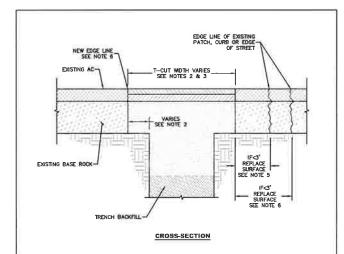
-140	STANDARD DRAWING TITLE: MONOLITHIC CURB AND GUTTER		RD-22	
Sherwood				
	Any siteration of this drawing may not be	SCALE	DATE	
	associated in any way with the City of 39-envisor Standard Drewings.	N.T.S.	MAR '16	



Sherwood	STANDARO DRAWING TITLE		DRAWING NUMBER
	SIDEWALK DETAIL		RD-26
	Any alteration of this drawing may not be	SCALE	REVISION DATE
	esaccated in eny way with the Dity of Shrawood Standard Drawings	N.T.S.	2023 03 17







- NOTES:

 1. THES DRAWING APPLIES TO TRENCH CUTS AND OTHER KINDS OF STREET CUTS.

 2. SEE STD DET RO-8 FOR TYPICAL STREET PAYADADN'T SECTION.

 3. T-CUT ASPHALT 6" FOR TRENCHES 12" WIDE OR LESS, CLSE T-CUT IS 12" MINIMUM FOR TRENCHES WIDER TO THE CUTS AND ALL LOCAL STREETS, WIDTH OF 1"-CUT SHALL BE A MINIMUM OF 3". ON ALL LOCAL STREETS, WIDTH OF 1"-CUT SHALL BE A MINIMUM OF 12" FILES THAN DRED STREET REPLACE THE PAYADEMIT IN BETWEEN.

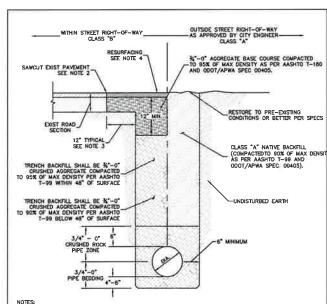
 1. IF MORE DODG OF PAYADEMIT IS LESS THAN 3" FROM ANOTHER PATCH, CURB OR EDGE OF STREET, REPLACE THE PAYADEMIT IN BETWEEN.

 1. IF MORE THAN ONE DESTING PATCH.

 OF THE PRE-DESTING PATCH.

 NEW EDGE OF PAYADEMIT (EDGE LINE) SHALL NOT LIE IN A WHEEL PATH. WIDTH OF T-CUT SHALL BE WIDENED WHERE NECESSARY TO MOVE THE EDGE LINE OUT OF THE WHEEL PATH AND ETHER; (A) TO LOCATION THAT IS 6" FROM THE NEAREST LINE OR (B) TO THE LOCATION THAT IS 6" FROM THE MEREST LINE OR (B) TO THE LOCATION TREQUIRED BY NOTE 3 OR 4 ABOVE AS APPLICABLE, WHICHEVER IS NEAREST OF (A) OR (B).

	STANGARD DRAWING TITLE		DRAWING NUMBER
Sherwood	PIPE TRENCH RESTORATION		RD-45
	Any sheration of this drawing may not be	SCALE .	CATE
	associated in any way with the City of 5P proposed Standard Grammings	N.T.S	MAR '16



- NUTES:

 1. THESE TRENCH BACKFILL REQUIREMENTS APPLY TO ALL PUBLIC UTILITY PIPES. FOR ADDITIONAL REQUIREMENTS, SEE CITY STANDARD DESIGN MANUAL SECTION 210.19.

 2. SANGUT EXISTING PHACE PAYEMENT FULL DEPTH. SANGUT EXISTING PCC PAYEMENT ACCORDING TO CITY STANDARD DETAILS.

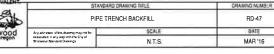
 3. 12. FOR TRENCHES WIDER THAN 12."

 4. MATCH COSTING PAYEMENT MATERIAL(S). THICKNESS SHALL BE AS FOLLOWS.

 4. MATCH COSTING PAYEMENT MATERIAL(S). THICKNESS SHALL BE AS FOLLOWS.

 4.1. FOR DUSTING FURE EXPIRIPACE TO A MINIMUM OF STO FLEVEL 2. M DESIST HIMAC OR EXISTING ACTION OF MAXIMUM DENSITY (FOR AREATER, BUT DO NOT EXCEED 6". COMPACT AC IN 2" MAX LIFTS COMPACT AC IN

5.	ALL CUT EDGE	S OF AC SHALL BE SAND SEALED WITH CRS-1 OR CRS-2 EMULSIFIED	ASPHALT OR
A		STANDARD CRAWING TITLE	RJENUM DAWARD



 \geq N. 72S, 00, 0F SHERWOOD STATE (SECTION THE (Z TED

REPLACEMENT

BASIN

CATCH

2025

SHERWOOD G DEPARTMENT W PINE STREET OREGON 97140 OF SEERING SEERING SW

SHEET NO

5 or 6



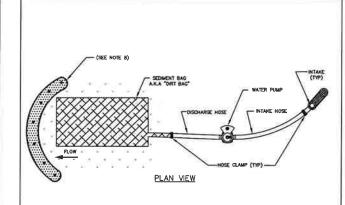
- WHIR PAINFALL AND RUNOFF OCCURS, A KNOWLEDGEABLE AND EIPERENCED PERSON IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MINISTENINCE OF ERSOSON AND SEMINIST CONTROLS WHO WORKS FOR THE PERMITTEE MUST PROVIDE DALLY INSPECTIONS OF THE ERSOSON AND SEMINENT CONTROLS AND OSCHARGE COURTS.
- CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM DETOBER 1 THROUGH MAY 31ST FACH YEAR
- DURING WET WEATHER PERIOD, TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY.

 SEDMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GAMDER'S 1065 OF THE CONSTRUCTION STEAT ALL TIMES DURING CONSTRUCTION THEY
 MUST REMAIN IN PLACE UNTIL PERMANENT VIGETATION OF THE PERMANENT COVERING OF EMPOSED SOIL IS ESTABLISHED.
- ALL ACTIVE INLETS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- SIGNIFICANT AMOUNTS OF SEDMENT THAT LEAVES THE SITE MUST BE CLEAMED UP WITHIN 2M HOURS AND PACED SIGNOON. THE SITE AND STABILIZED OR PROPERLY DISPOSED THE COURSE OF THE COURSE OF THE COURSE OF THE SIGNIFICATION OF THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE COURSE OF THE SIGNIFICATION OF THE SITE AND STABILIZED OR PROPERLY AND STABILIZED OF THE SIGNIFICATION OF THE SITE AND STABILIZED OR PROPERLY AND STABILIZED OF THE SIGNIFICATION OF THE SITE AND STABILIZED OR PROPERLY AND STABILIZED OF THE SIGNIFICATION OF THE SITE AND STABILIZED OR PROPERLY AND S
- 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 BARRER HEIGHT AND PRIOR TO THE CONTROL MEASURES REMOVAL.
- 9 CLEANING OF ALL STRUCTURES WITH SUMPS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY 50% AND AT COMPLETION OF PROJECT.
- A MAY USE OF TOK COR OTHER HAZARDOUS MATERNAIS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL

 11. THE FERMITTER MUST PROPERLY MANAGE HAZARDOUS WASTES LUSDO DIS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER
 TOKIC SUBSTANCES DISCOVERED OR GENERALED DURING CONSTRUCTION.
- 12 THE APPLICATION BATE OF FERTILIZESS USED TO REESTABLISH VEGITATION MUST FOLLOW MANUFACTURETS RECOMMENDATIONS NUTRENT RELEASES FROM FERTILIZES TO SURFACE WAITERS MUST SE MINIMIZED. TIME RELEASE RETILIZERS SHOULD BE USED AND CARE SHOULD SE MADE IN APPLICATION OF FERTILIZERS WHITEN ARM WASTERN AND WAITER AND WAITER.
- 13 OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH CURRENT CLEAN WAITER SERVICES STANDARDS AND STATE, AND FEDERAL REGULATIONS
- SHALL BECLEVE OUTGOING ALTIVITIES, THE SOUNDARIES OF THE CLEAR NG UMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BECLEVE OF THE CLEARING UMITS. THE COWNER/PERMITTER WAS THE DELINEATION FOR THE DUBATION OF THE PROJECT NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FERCE OR RPPROVED EQUAL. 4 PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN
- LS PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMPS THAT MUST BE INSTALLED ARE GRAVEL CONSTRUCTION ENTRANCE, PERIMETER SEDIMENT CONTROL, AND INJET PROTECTION, THESE BMPS MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
- 16 IF VEGETATIVE SEED MINES 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 OF AS SPECIFIED BY THE DESCRIPTION OF THE PLANS OF AS SPECIFIED BY THE PLANS OF THE PLANS OF
- 7 WATERTIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE AN APPROVED EQUIVALENT IS TO D A DESIGNATED LOCATION USING APPROPRIATE EMPS, SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE IS ALL PUMPING OF SEDIMENT LADEN WATER MUST BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP
 IN E. FINER BAG)
- 19 THE ESC PLAN MUST BE KEPT CONSTE. ALL MEANURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT LADEN WATER COLES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES
- THE SEC MESTERS SHOWN ON THE ANALEST FOR MINIMUM REQUIREMENTS FOR ANTIDIATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE
 MEASURES SHALL BE UPGRADED AS NEEDED TO MAINTAIN COMPLIANCE WITH ALL REGULATIONS.
- 21. WAITTEN ESC LOGS ARE SUGGESTED TO BE MAINTAINED ONSITE AND AVAILABLE TO DISTRICT INSPECTORS UPON REQUEST
- 12 IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMPS MUST BE USED, WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MUICHING OR OTHER APPROVED MEASURES
- 3 ALL EXPOSED SOILS MUST BE COVERED, AT END OF BUSINESS DAY, DURING WET WEATHER PERIOD, FROM OCTOBER 1 MAY 31

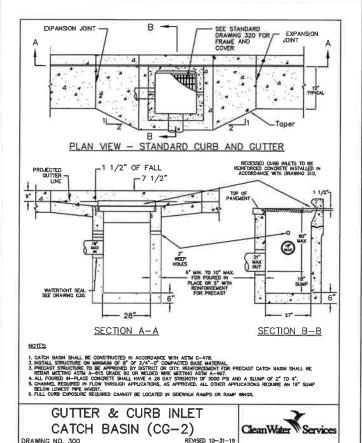
STANDARD EROSION CONTROL NOTES FOR SITES LESS THAN 1 CleanWater Services DRAWING NO. 945 ACRE REMSED 10-31-19

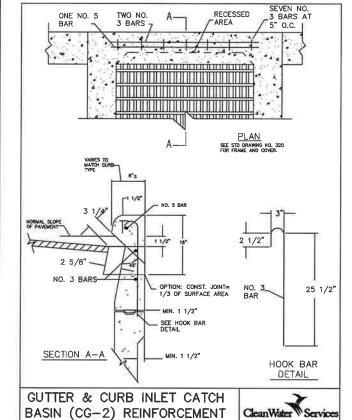




- THE SEDIMENT BAG SHALL BE MANUFACTURED USING A POLYPROPYLENE 8 OZ. NON-WOVEN GEOTEXTILE SEWN INTO A BAG WITH A DOUBLE NEEDLE, USING A HIGH STRENGTH THREAD.
- EACH STANDARD SEDIMENT BAG MUST HAVE A FILL SPOUT LARGE ENOUGH TO ACCOMMODATE A 4" DISCHARGE HOSE STRAPS ARE ATTACKED TO SECURE THE HOSE AND PREVENT PUMPED WATER FROM ESCAPING WITHOUT BEING FILTERED.
- THE SEDIMENT BAG SHALL MEET OR EXCEED OVERALL BAG REMOVAL EFFICIENCY RATE OF 97.55%.
- WATER BEING DISCHARGED FROM THE SEDIMENT BAG MUST BE FREE OF ALL SEDIMENT PRIOR TO LEAVING THE SITE OR ENTERING INTO THE STORM SYSTEM.
- SEDIMENT BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR ALLOW WATER TO PASS AT A HATE LESS THAN 50% OF MANUFACTURER'S DESIGNED FLOW RATE.
- DURING USE, THE SEDIMENT BAG MUST BE MONITORED.
- DISPOSE OF USED SEDIMENT BAG OFF SITE OR AS APPROVED BY CWS.
- . WHEN APPROPRIATE, INSTALL DOWNSTREAM SEDMENT CONTROL MEASURES PER CWS STANDARDS.
- FOR BEST RESULTS, PLACE SEDIMENT BAG ON FLAT SURFACE.
- D. SEDIMENT BAG SHOULD BE PLACED ON EXISTING VEGETATION, ROCK, OR BED OF STRAW. SEDIMENT BAG SHOULD NOT BE PLACED ON BARE GROUND:

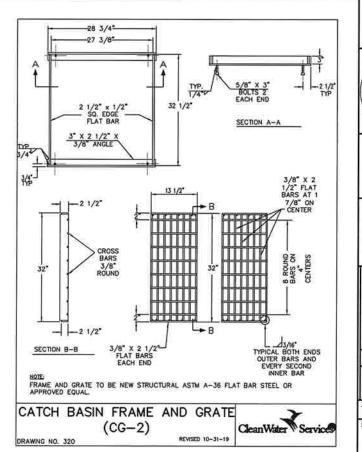






DRAWING NO. 310

RECESSED





2

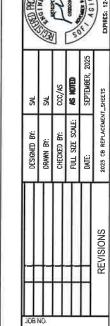
DETAILS

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& 32D, T2S, SHERWOOD, , STATE OF (

SECTION 32A & THE CITY OF S

LOCATED IN S



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