

CITY OF SHERWOOD

WILLAMETTE STREET GRIND AND INLAY (FOUNDRY AVENUE - NORTON AVENUE)

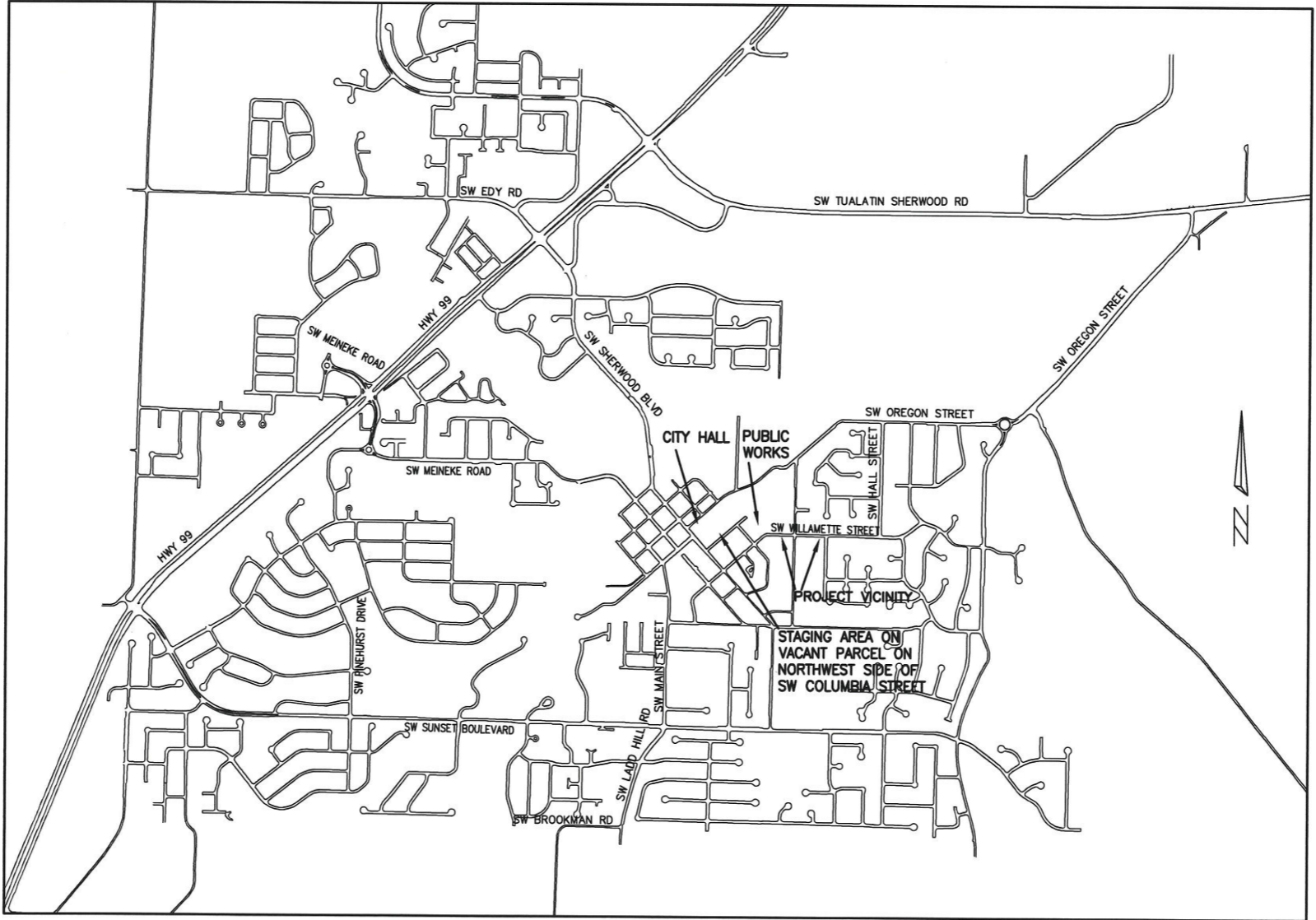
APRIL 2023
(BID DOCUMENT VOLUME 2 OF 2 - CONTRACT DRAWINGS)

SHEET INDEX:

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. WILLAMETTE STREET PLAN VIEW
- 4. DETAILS
- 5. EROSION CONTROL DETAILS

PROJECT LOCATION:
SW WILLAMETTE STREET
(FOUNDRY AVENUE - LINCOLN STREET)
(LINCOLN STREET - NORTON AVENUE)

DEVELOPER/OWNER:
CITY OF SHERWOOD
22560 SW PINE ST
SHERWOOD, OREGON 97140
CONTACT: CRAIG CHRISTENSEN, P.E.
PH. 503-217-9016
CHRISTENSEN@SHERWOODOREGON.GOV



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.

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.

VICINITY MAP
NOT TO SCALE

INSPECTOR INFORMATION:
CITY OF SHERWOOD: ANDY STIRLING (971) 979-2986
CONTACT INSPECTOR 48 HOURS PRIOR TO CONSTRUCTION.

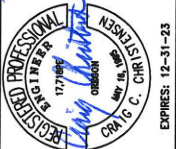
SURVEY INFORMATION:
HORIZONTAL
AERIAL TOPOGRAPHIC MAP (2004) AND VISUAL OBSERVATION.
VERTICAL
AERIAL TOPOGRAPHIC MAP (2004)
ASSUMED ELEVATION OF 100.00 ON RIM OF SDMH-1 FOR STORM SEWER.

COVER SHEET

WILLAMETTE STREET GRIND
AND INLAY

LOCATED IN SECTION 32A & 32B, T2S, R1W, W1M,
IN THE CITY OF SHERWOOD, WASHINGTON COUNTY,
STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 925-0629
E-MAIL: engineering@sherwoodoregon.gov



DESIGNED BY:	CCC
DRAWN BY:	CCC
CHECKED BY:	RS/AS
FULL SIZE SCALE:	N/A
DATE:	APRIL 2023
WILLAMETTE OVERLAY SHEETS.DWG	

REVISIONS	

JOB NO.	
SHEET NO.	1
OF	5

GENERAL NOTES

- 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 SUBCONTRACTORS.
- 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.
- 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. REPAIR TO UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 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 OR INSPECTOR. 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. 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.
- 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.
- 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 PROJECT.
- ~~CONTRACTOR SHALL PROVIDE EFFECTIVE EROSION PROTECTION TO INCLUDE, BUT NOT BE LIMITED TO, GRADING, DITCHING, STRAW MATS, TRIANGULAR SILT BARRIERS, SILT FENCING, AND SEDIMENT BARRIERS TO MINIMIZE EROSION 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 (7:00 AM TO 6:00 PM).
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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/METER COSTS FOR CONSTRUCTION IS INCIDENTAL.
- ANY EXISTING SURFACE TO REMAIN (CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, ASPHALT, ETC.) THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AND THE CONTRACTOR'S EXPENSE.
- ALL JOINTS BETWEEN EXISTING ASPHALT AND NEW ASPHALT SHALL BE SEALED WITH HOT RUBBERIZED ASPHALT SEALER.
- CONTRACTOR SHALL NOT OVERCUT INTO EXISTING PAVEMENT TO REMAIN.
- ~~CONTRACTOR SHALL RELOCATE EXISTING MAILBOXES AND PROVIDE TEMPORARY SUPPORT AS NECESSARY FOR THE DURATION OF THE WORK. MAILBOXES SHALL BE PERMANENTLY REINSTALLED ACCORDING TO THE DETAIL IN THESE PLANS ONCE NEW CURB AND GUTTER IS IN PLACE.~~
- ANY FINISH EXPOSED DIRT SURFACE TO BE TOPPED WITH 2" OF COMPOST MULCH.
- CONTRACTOR SHALL CONTACT CITY INSPECTOR UPON DISCOVERY OF ANY EXISTING SEWER PIPING/IRRIGATION ENCOUNTERED DURING THE PROJECT FOR ON-SITE INSPECTION. INSPECTOR, ENGINEER AND CONTRACTOR SHALL COORDINATE TO DETERMINE COURSE OF ACTION. IN THE CASE OF SEWER PIPING, PUBLIC WORKS MAY BE CALLED IN TO DETERMINE IF ACTIVE. NO PAYMENT WILL BE MADE FOR DELAY TIME DUE TO ENCOUNTERING/INVESTIGATION OF EXISTING SEWERS.
- THERE MAY BE UNMARKED FRANCHISE SERVICE LINES WITHIN THE WORK ZONE. CONTRACTOR TO EITHER WORK AROUND OR CONTACT UTILITY COMPANY TO RELOCATE. NO PAYMENT WILL BE MADE FOR DELAY TIME/WORK AROUND TIME DUE TO EXISTING FRANCHISE SERVICE LINES.

STREET NOTES

- IN AREAS WHERE CURB AND GUTTER EXISTS, NEW ASPHALT WILL MATCH FRONT EDGE OF CONCRETE GUTTER.
- 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 OR OVER WITH NEW ASPHALT (INCIDENTAL) PRIOR TO PAVING.
- HOT RUBBERIZED ASPHALT SEALER REQUIRED AT ASPHALT JOINTS (INCIDENTAL). DO NOT OVERCUT ASPHALT. CITY HAS THE RIGHT TO HAVE OVERCUT ASPHALT REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- PAVEMENT CROSS SLOPES ON SHALL GENERALLY MATCH EXISTING CROSS SLOPES. ENSURE NO PONDING ALONG GUTTER LINE.
- NEW ASPHALT SHALL NOT COVER ANY WEEP HOLES (AT I.E. OR LOWER). CITY WILL PHOTO DOCUMENT PROJECT AREA INCLUDING EXISTING CURBS. COVERED WEEP HOLES SHALL BE CLEARED AT CONTRACTORS EXPENSE AND STREET REPAVED.
- TYPICAL FULL CURB EXPOSURE IS 6" AT TOP FACE OF CURB UNLESS OTHERWISE NOTED.
- TYPICAL DRIVEWAY CURB EXPOSURE IS 3/4" AT TOP FACE OF CURB UNLESS OTHERWISE NOTED.
- 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".
- NEW ASPHALT TO MATCH RIM OF EXISTING/NEW STRUCTURES (CATCH BASINS, MANHOLES, ETC.).
- 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 INCLUDING MANHOLE COVERS.
- 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 PAID FOR BY THE CONTRACTOR AND CONSIDERED INCIDENTAL.
- REPAIR ALL DISTURBED NEIGHBORING PROPERTY BACK TO ORIGINAL OR BETTER CONDITION.
- ANY SEGMENT OF STREET OPEN TO TRAFFIC THAT HAS A VERTICAL DROP (INCLUDING DRIVEWAYS) SHALL HAVE A TEMPORARY WEDGE INSTALLED. (INCIDENTAL).
- ANY EXISTING SURFACE TO REMAIN (CONCRETE CURB, CONCRETE SIDEWALK, ETC.) THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AND THE CONTRACTOR'S EXPENSE.
- BLUE REFLECTOR AT CENTER LINE OF ROADWAY(S) PERPENDICULAR TO FIRE HYDRANT BY CITY OF SHERWOOD.
- TRUNCATED DOMES SHALL BE OF CAST-IN-PLACE TYPE.

STORM SEWER NOTES

- STORM SEWER PIPE SHALL BE AS NOTED ON PLANS AND CONFORM TO THE REQUIREMENTS BELOW.
- STORM SEWER MATERIALS AND TESTING SHALL MEET CLEAN WATER SERVICES (CWS) DESIGN AND CONSTRUCTION SPECIFICATIONS AND THE CITY OF SHERWOOD'S ENGINEERING DESIGN MANUAL.
- STORM SEWER SHALL BE VIDEO TESTED BY THE CITY OF SHERWOOD (NO COST TO CONTRACTOR). CONTACT ENGINEER TO ARRANGE FOR TESTING AFTER PASSING TRENCH COMPACTION TEST. IF BELLIES ARE NOTED THAT APPEAR OUT OF SPECIFICATION, THE CONTRACTOR CAN EITHER FIX AND HAVE THE CITY RE-VIDEO OR PROVIDE BALL TEST TO PROVE THAT THE BELLIES IS NOT OUT OF SPECIFICATION (AT CONTRACTOR'S EXPENSE).
- ALL STORM SEWER LINES SHALL HAVE A MANDREL PASSED THROUGH TO CHECK DEFLECTION. THIS WILL BE WITNESSED BY THE CITY. MINIMUM 48 HOUR NOTICE IS REQUIRED.

EROSION CONTROL INSPECTOR

- CONTRACTOR TO SUPPLY CESCL CERTIFIED EROSION CONTROL INSPECTOR AND PROVIDE CONTACT INFORMATION TO CITY (INCIDENTAL).

WORK HOURS/TRAFFIC CONTROL NOTES

- WORK HOURS ARE FROM 8:00AM TO 6:00PM MONDAY THROUGH FRIDAY.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRIVEWAY ACCESS TO BUSINESSES/RESIDENCES, EXCEPT WHEN OTHERWISE APPROVED BY THE CITY AND COORDINATED WITH THE BUSINESS/HOME OWNER.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN ROUTES THROUGH SITE DURING CONSTRUCTION BY CONSTRUCTING OR DETOURING TEMPORARY PEDESTRIAN BYPASSES AS NECESSARY.
- SW WILLAMETTE STREET MAY BE CLOSED TO THROUGH TRAFFIC DURING GRINDING OPERATIONS AND ASPHALT PLACEMENT. THE SW WILLAMETTE STREET/SW LINCOLN STREET INTERSECTION SHALL REMAIN OPEN TO TRAFFIC.
- SW WILLAMETTE STREET AND SW LINCOLN STREET TO REMAIN OPEN TO VEHICLE TRAFFIC DURING STORM SEWER AND SIDEWALK RAMP WORK. MAINTAIN INTERSECTION VISIBILITY.
- CONTRACTOR TO MAINTAIN/MANAGE INTERSECTIONS DURING GRINDING OPERATIONS AND ASPHALT PLACEMENT. INTERSECTIONS SHALL REMAIN OPEN TO TRAFFIC. IF NECESSARY CONTRACTOR TO PROVIDE FOR FLAGGING (INCIDENTAL TO "TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE").
- GRINDING/INLAY CONSTRUCTION SHALL NOT START PRIOR TO JUNE 19, 2023 SO AS TO AVOID CONFLICT WITH SCHOOL BUS OPERATIONS.

STAGING NOTES

- CONSTRUCTION STAGING AREA IS SHOWN ON SHEET 1.
- STAGING AREA TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.

LEGEND

— = EXISTING CURB AND GUTTER	EX = EXISTING
⊗ = EXISTING WATER VALVE	S/W = SIDEWALK
—W— = EXISTING WATER LINE	R/W = RIGHT-OF-WAY
—ST— = EXISTING STORM LINE	D/W = DRIVEWAY
—SAN— = EXISTING STORM LINE	R = RADIUS
—G— = EXISTING GAS LINE	℄ = CENTER LINE
—T— = EXISTING TELECOMMUNICATION LINE	TOC = TOP OF CURB
— = CENTER LINE	FG = FINISH GRADE
○ = EXISTING MANHOLE	G = GUTTER
□ = EXISTING CATCH BASIN	RT = RIGHT
— = PROPOSED CURB AND GUTTER	LT = LEFT
	T = TOP FACE OF CURB
	PH = POT HOLED
	EST = ESTIMATED

NOTE: STATE OF OREGON MINIMUM PREVAILING WAGE REQUIREMENTS WILL APPLY TO ALL WORK PERFORMED UNDER THIS PROJECT.

GENERAL NOTES

WILLAMETTE STREET GRIND AND INLAY

LOCATED IN SECTION 32A & 32B, T3S, R1W, W4M, IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140
PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov

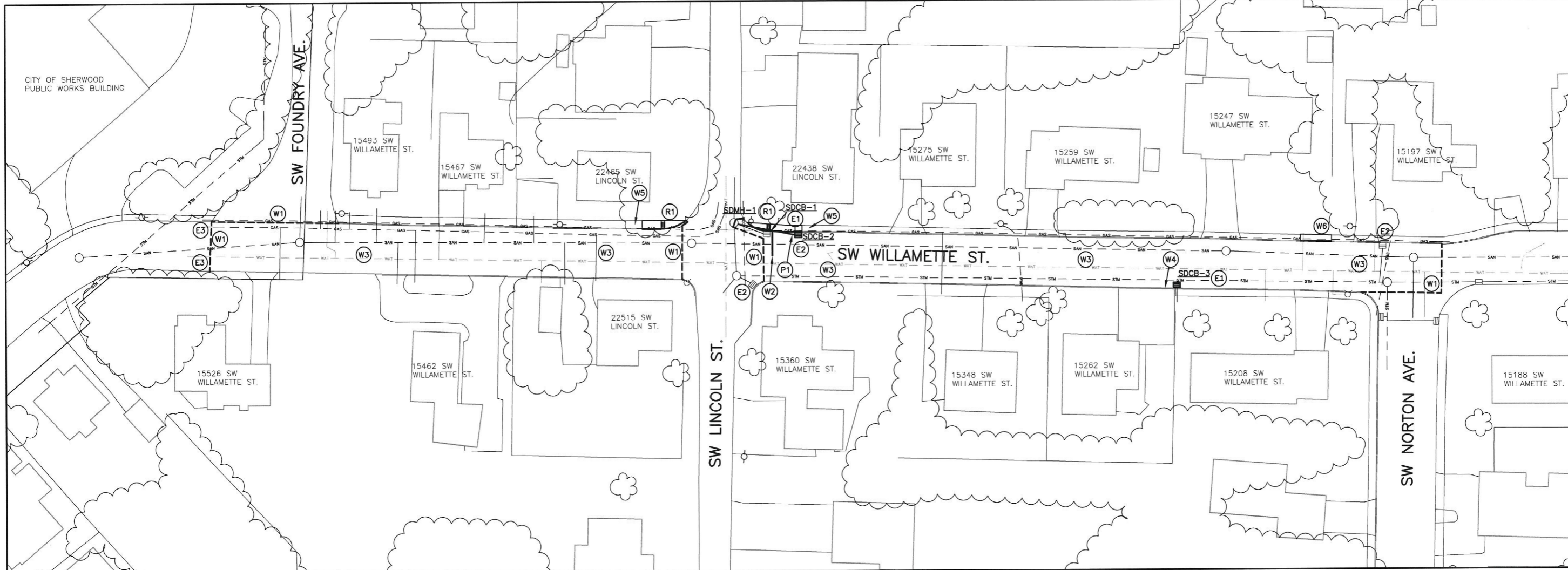


4-24-23

DESIGNED BY:	CCC
DRAWN BY:	CCC
CHECKED BY:	RS/AS
FULL SIZE SCALE:	N/A
DATE:	APRIL 2023
	WILLAMETTE OVERLAY_SHEETS.DWG

JOB NO.	
SHEET	2
OF	5

REVISIONS



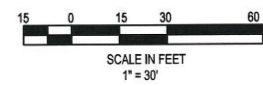
WILLAMETTE STREET PLAN VIEW

WILLAMETTE STREET GRIND AND INLAY

LOCATED IN SECTION 32A & 32B, T2S, R1W, W4M, IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22560 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov



4-24-23

PROFESSIONAL ENGINEER
17700 N. W. 17th Ave.
Portland, OR 97229
CIVIL ENGINEER
EXPIRES: 12-31-23

STREET KEY NOTES

- (W1) SAWCUT FOR GRIND AND INLAY (PARTIAL DEPTH). CONFIRM LOCATION WITH INSPECTOR. (INCIDENTAL)
- (W2) INSTALL STOP BAR (12-INCH WIDTH). COORDINATE LOCATION WITH ENGINEER.
- (W3) GRIND EXISTING ASPHALT (1-1/2" THICKNESS) AND INSTALL ASPHALT OVERLAY. SEE CROSS SECTION. GRIND DEPTH AT DRIVEWAYS TO BE AS NECESSARY TO ALLOW FOR 1-1/2" OVERLAY AND HAVE 1" CURB EXPOSURE ON NORTH SIDE OF STREET AND 3/4" EXPOSURE ON SOUTH SIDE OF STREET.
- (W4) EXISTING DRIVEWAY HAS ±12-FOOT GAP IN CURB - REMOVE EXISTING ASPHALT AS NECESSARY TO INSTALL VERTICAL CURB TO MATCH EXISTING CURB - DRILL HOLE INTO EXISTING CURB 6 INCHES DEPTH FOR 12-INCH LONG #4 REBAR (GROUT) - CONTACT ENGINEER TO GO OVER LIMITS OF ASPHALT REMOVAL
- (W5) INSTALL TEMPORARY ASPHALT SIDEWALK RAMP WITH DRAINAGE CONVEYANCE PIPE - INSTALL PEDESTRIAN SAFETY BARRIERS FROM RAMP TO SW WILLAMETTE STREET.
- (W6) REMOVE EXISTING DRIVEWAY (CURB AND SIDEWALK) AND INSTALL NEW CURB (6" EXP.) AND SIDEWALK.

STORM SEWER KEY NOTES

NOTE: ELEVATIONS ARE BASED UPON AN ASSUMED ELEVATION OF 100.00 ON RIM OF SDMH-1

SDMH-1
EXISTING MANHOLE TO REMAIN
RIM EL. = 100.00 (ASSUMED EL.)
EX 6" I.E. IN (E) = 97.82
EX. 24" I.E. OUT (N) = 95.68
REMOVE EXISTING 6" PIPE EAST AND CORE AS NECESSARY FOR NEW 10" PIPE EAST - 10" I.E. = 97.49
REGROUT AROUND NEW CONNECTION

SDCB-1
REMOVE EXISTING CATCH BASIN (IE DEPTH = 1.8'±) AND PIPE TO MANHOLE - DO NOT DAMAGE GAS LINE OR COMMUNICATIONS LINE

SDCB-2
INSTALL NEW CG-2 CATCH BASIN
GRATE EL. = 100.93± (WITH 1-1/2" DEPRESSION)
10" I.E. OUT (W) = 97.81
EXACT LOCATION TO BE WORKED OUT IN FIELD WITH ENGINEER WITH DISCUSSION OF SIDEWALK RAMP REPLACEMENT.

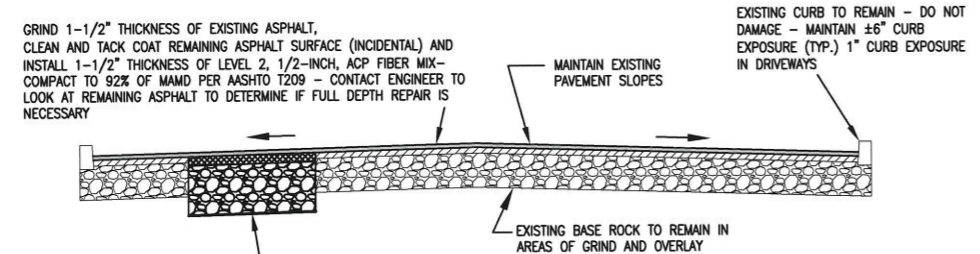
SDCB-3
REMOVE EXISTING CATCH BASIN (2 EXISTING PIPE CONNECTIONS), REPLACE WITH NEW CG-2 CATCH BASIN AND RECONNECT TO EXISTING STORM PIPES IE DEPTH = 1.7'±

SIDEWALK RAMP KEY NOTES

- (R1) CONTRACTOR TO CONTACT ENGINEER TO MEET ON SITE TO GO OVER CONCRETE REMOVAL LIMITS AND RAMP CONFIGURATION. CONTRACTOR TO CONTACT ENGINEER/INSPECTOR TO REVIEW FORMS BEFORE POURING CONCRETE. CONCRETE POURED WITHOUT FORM APPROVAL IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

STREET KEY NOTES

- (E1) INSTALL SILT SACK IN CATCH BASIN.
- (E2) INSTALL SILT SACK IN CATCH BASIN AND BIOBAGS IN FRONT OF CURB OPENING.
- (E3) INSTALL BIOBAGS IN GUTTER LINE.



GRIND 1-1/2" THICKNESS OF EXISTING ASPHALT, CLEAN AND TACK COAT REMAINING ASPHALT SURFACE (INCIDENTAL) AND INSTALL 1-1/2" THICKNESS OF LEVEL 2, 1/2-INCH, ACP FIBER MIX - COMPACT TO 92% OF MAMD PER AASHTO T209 - CONTACT ENGINEER TO LOOK AT REMAINING ASPHALT TO DETERMINE IF FULL DEPTH REPAIR IS NECESSARY

EXISTING CURB TO REMAIN - DO NOT DAMAGE - MAINTAIN ±6" CURB EXPOSURE (TYP.) 1" CURB EXPOSURE IN DRIVEWAYS

MAINTAIN EXISTING PAVEMENT SLOPES

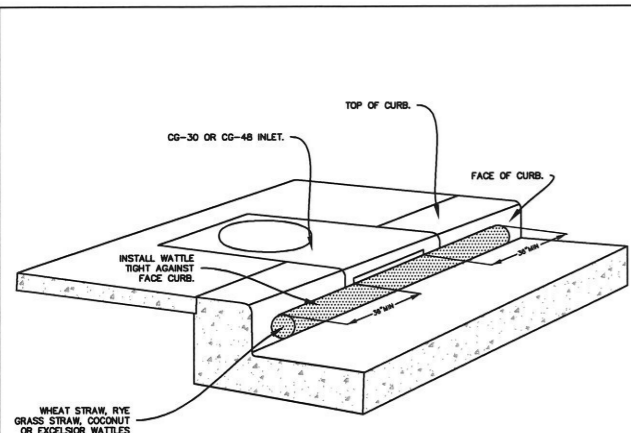
EXISTING BASE ROCK TO REMAIN IN AREAS OF GRIND AND OVERLAY

REMOVE REMAINING DEPTH OF EXISTING ASPHALT AT LOCATIONS APPROVED BY THE ENGINEER, REMOVE BASE ROCK TO 6" BELOW EXISTING SUBGRADE - ENGINEER TO PROBE TO DETERMINE IF ADDITIONAL EXCAVATION IS REQUIRED - INSTALL GEOGRID ON BOTTOM AND ADDITIONAL LAYER OF GEOGRID IF SECTION IS GREATER THAN 16" IN DEPTH. CONTRACTOR TO CUT AND INSTALL GEOGRID (INCIDENTAL) CITY OF SHERWOOD WILL DELIVER GEOGRID TO SITE. LEFT OVER GEOGRID TO BE GIVEN BACK TO CITY OF SHERWOOD. INSTALL 3/4"-0" AGGREGATE BASE UP TO 4.5" BELOW GRINDED ASPHALT SURFACE (COMPACT TO 95% DENSITY OF AASHTO T-180 TEST METHOD) - INSTALL 3" THICKNESS OF LEVEL 2, 1/2-INCH, ACP FIBER MIX (COMPACT TO 92% OF MAMD PER AASHTO T209) TO MATCH GRINDED ASPHALT SURFACE - CONFIRM LIMITS WITH ENGINEER

NOTE: CONTACT ENGINEER AFTER ASPHALT GRINDING TO DETERMINE IF THERE ARE AREAS THAT NEED FULL DEPTH RECONSTRUCTION. ALLOW FOR TIME FOR RECONSTRUCTION PRIOR TO ASPHALT OVERLAY.

TYPICAL STREET SECTION WITH RECONSTRUCTION AREA
NOT TO SCALE

DESIGNED BY:	CCC	DATE:	APRIL 2023
DRAWN BY:	CCC	FULL SIZE SCALE:	1"=30'
CHECKED BY:	RS/AS	PROJECT:	WILLAMETTE OVERLAY - SHEETS.DWG
DATE:		REVISIONS:	
JOB NO.			
SHEET NO. 3			
OF 5			

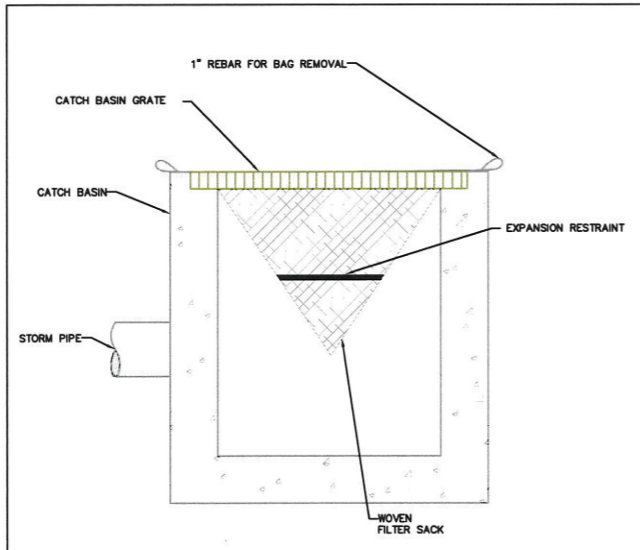


PERSPECTIVE VIEW SHOWING WATTLE ALONG GUTTER AT CURB INLET

- NOTES:
- ONLY ALLOWED USE OF APPLICATION IS ON CURB AND GUTTER INLETS.
 - INSTALL WATTLE ALONG INLET WITH WATTLE EXTENDING A MIN OF 36" BEYOND INLET OPENINGS IN EACH DIRECTION.
 - WATTLE MUST BE INSTALLED TIGHTLY AGAINST CURB. MAY REQUIRE ADDITIONAL MEASURES TO ENSURE WATTLE REMAINS TIGHT AGAINST CURB, SUCH AS USING ZIP TIES TO SECURE WATTLE TO INLET'S TRASH BARS OR USING SANDBAGS TO WEIGHT DOWN WATTLE.
 - REPLACE WATTLE AS NECESSARY TO PREVENT SEDIMENT FROM ENTERING THE STORM SYSTEM.

CURB AND GUTTER INLET PROTECTION

DRAWING NO. 905 REVISED 10-31-19



CATCH BASIN INSERT

- NOTE:
- RECESSED CURB INLET CATCH BASINS MUST BE BLOKED WHEN USING FILTER FABRIC INLET SACKS. SIZE OF FILTER FABRIC INLET SACKS TO BE DETERMINED BY MANUFACTURER.
- FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

INLET PROTECTION TYPE 5

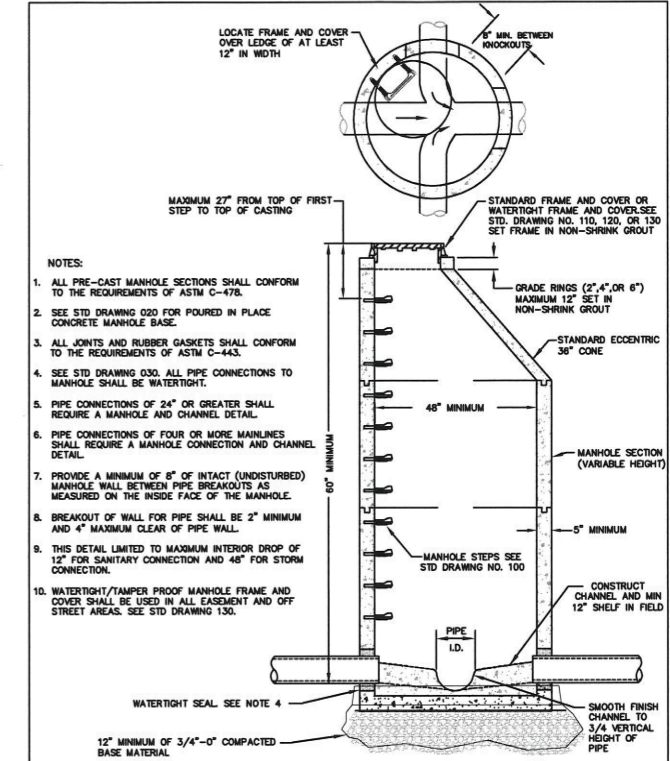
DRAWING NO. 920 REVISED 10-31-19



- NOTES:
- WHEN RAINFALL AND RUNOFF OCCURS, A KNOWLEDGEABLE AND EXPERIENCED PERSON IN THE PRINCIPLES, PRACTICES, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS WHO WORKS FOR THE PERMITTEE MUST PROVIDE DAILY INSPECTIONS OF THE EROSION AND SEDIMENT CONTROLS AND DISCHARGE OUTFALLS.
 - CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTOBER 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.
 - SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A RECURRING OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE LANDS REQUIRED TIME FRAME.
 - 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.
 - 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 RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZERS SHOULD BE USED AND CARE SHOULD BE MADE IN APPLICATION OF FERTILIZERS WITHIN ANY WATER WAY RIPARIAN ZONE.
 - 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.
 - PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. UNLESS OTHERWISE APPROVED, NO DISTURBANCE IS PERMITTED BEYOND THE CLEARING LIMITS. THE OWNER/PERMITTEE MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUAL.
 - 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.
 - IF 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).
 - THE ESC PLAN MUST BE KEPT ON SITE. 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 ON SITE 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.
 - 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 ACRE

DRAWING NO. 945 REVISED 10-31-19



- NOTES:
- ALL PRE-CAST MANHOLE SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478.
 - SEE STD DRAWING 020 FOR FURRED IN PLACE CONCRETE MANHOLE BASE.
 - ALL JOINTS AND RUBBER GASKETS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-443.
 - SEE STD DRAWING 030. ALL PIPE CONNECTIONS TO MANHOLE SHALL BE WATERTIGHT.
 - PIPE CONNECTIONS OF 24" OR GREATER SHALL REQUIRE A MANHOLE AND CHANNEL DETAIL.
 - PIPE CONNECTIONS OF FOUR OR MORE MAINLINES SHALL REQUIRE A MANHOLE CONNECTION AND CHANNEL DETAIL.
 - PROVIDE A MINIMUM OF 8" OF INTACT (UNDISTURBED) MANHOLE WALL BETWEEN PIPE BREAKOUTS AS MEASURED ON THE INSIDE FACE OF THE MANHOLE.
 - BREAKOUT OF WALL FOR PIPE SHALL BE 2" MINIMUM AND 4" MAXIMUM CLEAR OF PIPE WALL.
 - THIS DETAIL LIMITED TO MAXIMUM INTERIOR DROP OF 12" FOR SANITARY CONNECTION AND 48" FOR STORM CONNECTION.
 - WATERTIGHT/TAMPER PROOF MANHOLE FRAME AND COVER SHALL BE USED IN ALL EXHAUST AND OFF STREET AREAS. SEE STD DRAWING 130.

STANDARD MANHOLE

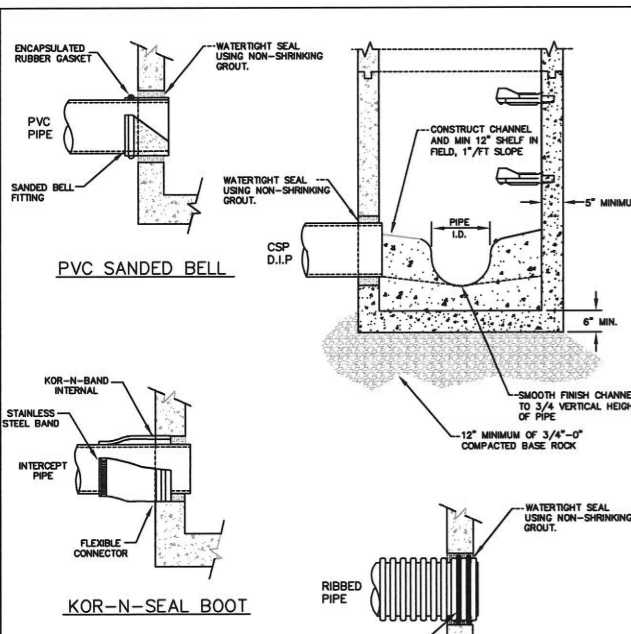
DRAWING NO. 010 REVISED 10-31-19



DETAILS

WILLAMETTE STREET GRIND AND INLAY

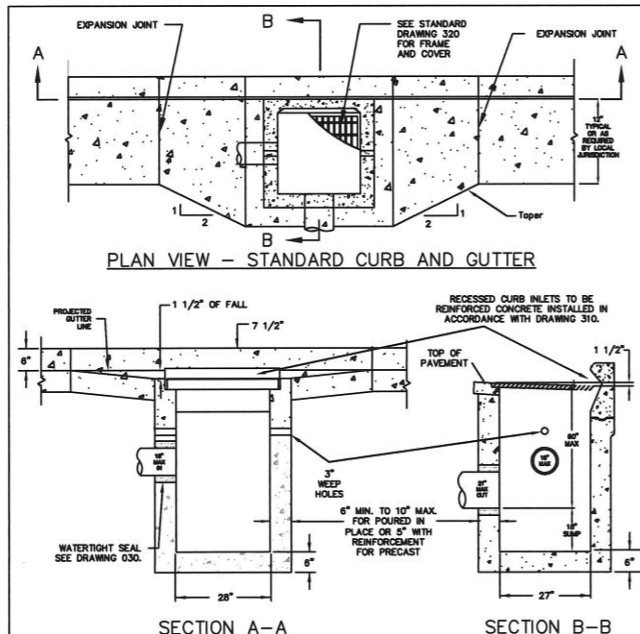
LOCATED IN SECTIONS 32A & 32B, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON



- NOTES:
- ALL PRE-CAST MANHOLE SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C-478 AND APPLICABLE PROVISIONS OF STANDARD DRAWING NO. 010.
 - ALTERNATE METHODS TO BE APPROVED BY CITY/DISTRICT.
 - BOOTS TO BE SIZED PER MANUFACTURER'S RECOMMENDATIONS/SPECIFICATIONS.

MANHOLE CONNECTIONS

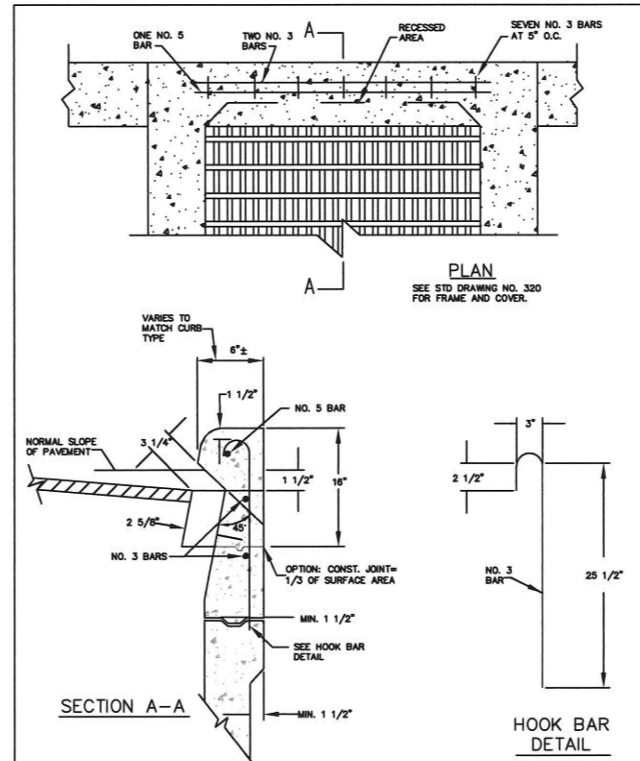
DRAWING NO. 030 REVISED 10-31-19



- NOTES:
- CATCH BASIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-478.
 - INSTALL STRUCTURE ON MINIMUM OF 8" OF 3/4"-0" COMPACTED BASE MATERIAL.
 - PRECAST STRUCTURE TO BE APPROVED BY DISTRICT OR CITY. REINFORCEMENT FOR PRECAST CATCH BASIN SHALL BE REBAR MEETING ASTM A-615 GRADE 60 OR WELDED WIRE MEETING ASTM A-497.
 - ALL POURED IN-PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3000 PSI AND A SLUMP OF 2" TO 4".
 - CHANNEL REQUIRED IN FLOW THROUGH APPLICATIONS, AS APPROVED. ALL OTHER APPLICATIONS REQUIRE AN 18" SLUMP BELOW LOWEST PIPE INVERT.
 - FULL CURB EXPOSURE REQUIRED CANNOT BE LOCATED IN SIDEWALK RAMPS OR RAMP WINGS.

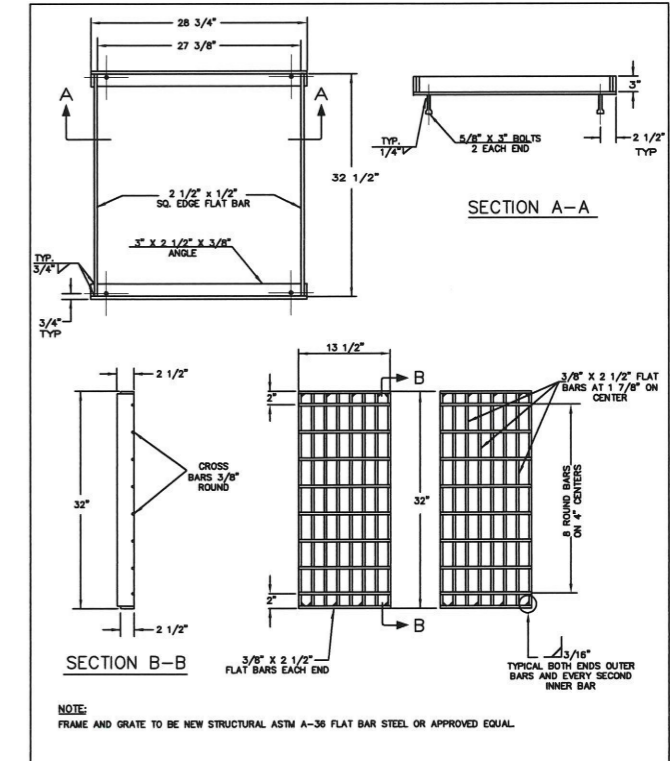
GUTTER & CURB INLET CATCH BASIN (CG-2)

DRAWING NO. 300 REVISED 10-31-19



GUTTER & CURB INLET CATCH BASIN (CG-2) REINFORCEMENT

DRAWING NO. 310 REVISED 10-31-19



CATCH BASIN FRAME AND GRATE (CG-2)

DRAWING NO. 320 REVISED 10-31-19



CITY OF SHERWOOD
ENGINEERING DEPARTMENT
205 SW PINE STREET
SHERWOOD, OREGON 97140

PHONE: (503) 925-2309
FAX: (503) 625-0629
E-MAIL: engineering@sherwoodoregon.gov

4-24-23

DESIGNED BY:	CCC
DRAWN BY:	CCC
CHECKED BY:	RS/AS
FULL SIZE SCALE:	AS NOTED
DATE:	APRIL 2023
WILLAMETTE OVERLAY SHEETS	
JOB NO.	
SHEET NO. 5	
OF 5	