

CONSTRUCTION TIMING NOTES

1. ALL WORK UNDER THE CONTRACT, EXCEPT VEGETATION ESTABLISHMENT, MUST BE COMPLETED BY JUNE 30, 2014.
2. DUE TO POTENTIAL CONFLICTS WITH EXISTING UTILITIES AT TIMES IT MAY BE NECESSARY FOR THE ENGINEER TO ANALYZE EXISTING CONDITIONS AND DESIGN A FIX FOR THE CONFLICT. THE ENGINEER WILL WORK TO EXPEDITE THE ISSUE QUICKLY. THE CONTRACTOR SHALL PREPLAN TO HAVE OTHER WORK AVAILABLE IF POSSIBLE DURING IDLE TIME. CONTRACTOR MAY NOT ASK CITY FOR ADDITIONAL COMPENSATION DUE TO IDLE TIME.

CONSTRUCTION NOTES

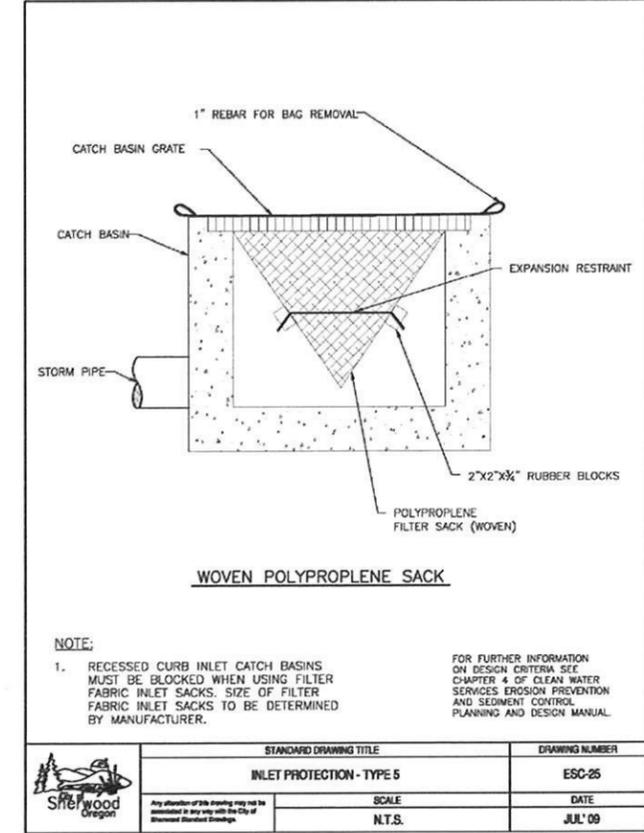
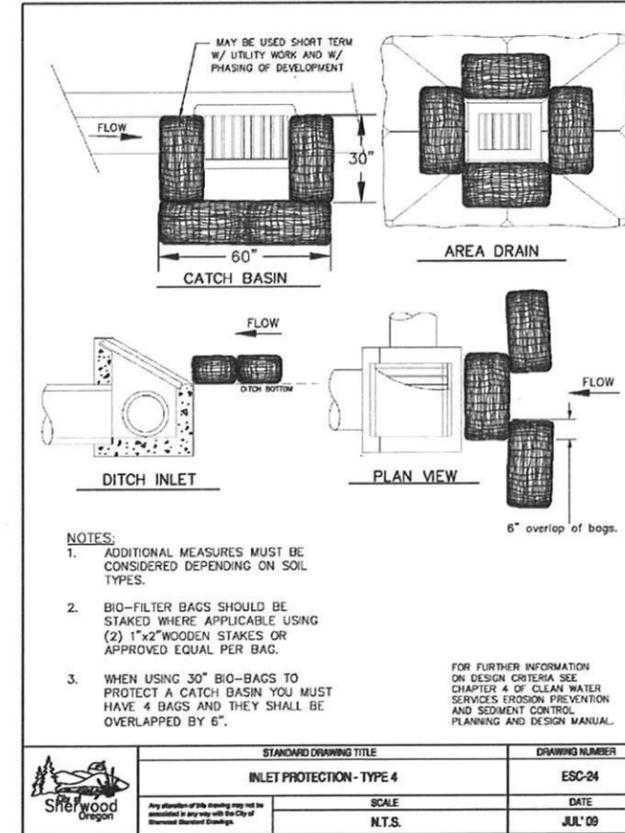
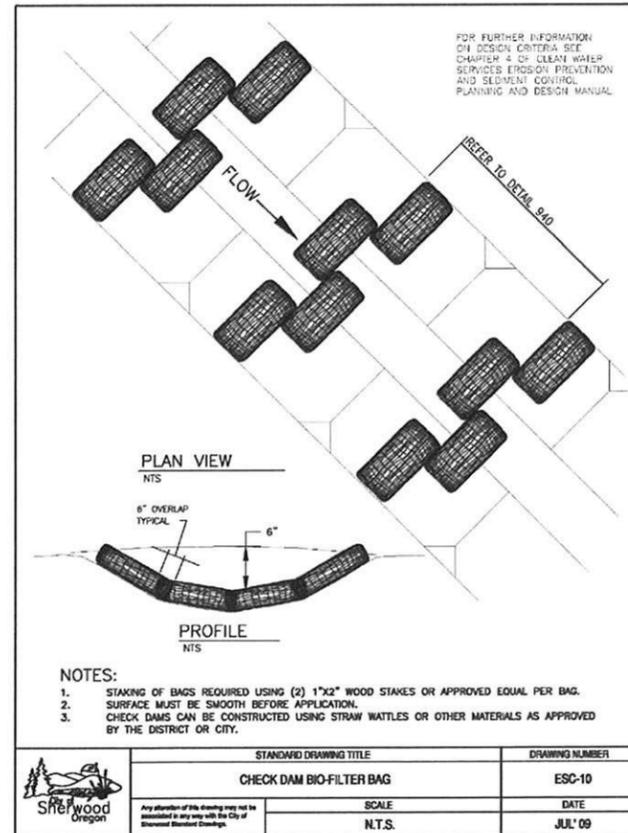
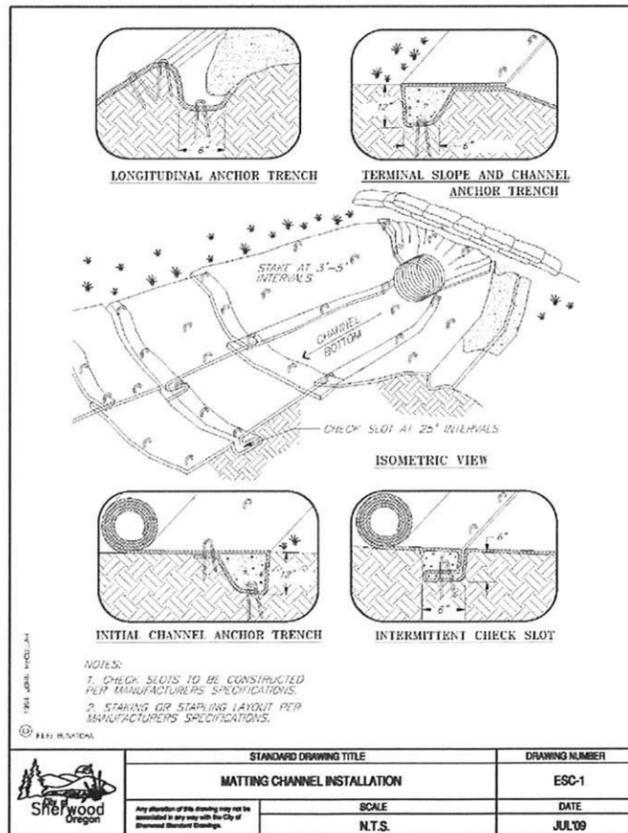
1. REMOVE EXISTING MAILBOXES AND SET UP TEMPORARY MAILBOXES AS NECESSARY. MAILBOXES TO BE REINSTALLED AT 16 FEET FROM CENTERLINE DUE TO FUTURE STREET PAVING. INSTALL AND COMPACT 12 INCHES COMPACTED THICKNESS OF 3/4" MINUS CRUSHED ROCK FROM EDGE OF ASPHALT TO NEW MAILBOX LOCATION - COMPACT TO 95% OF MAXIMUM DENSITY OF ASHTO T-180 TEST METHOD. (INCIDENTAL)
2. THE CONTRACTOR IS TO EXCAVATE THROUGH THE EXISTING ASPHALT WITHOUT SAWCUTTING AS MUCH AS POSSIBLE. WHEN A CLEAN CUT IS NECESSARY AND AUTHORIZED BY THE CITY A SAWCUT SHALL BE PROVIDED BY THE CONTRACTOR. SAWCUTS NOT AUTHORIZED BY THE CITY SHALL BE AT THE CONTRACTOR'S EXPENSE.
3. CONTRACTOR TO MINIMIZE TRENCH WIDTH AND ASPHALT REMOVAL.
4. TRENCHES IN EXISTING ASPHALT SHALL BE RESURFACED WITH 2-INCH THICKNESS OF COLD PATCH OR HOT MIX ASPHALT AS DIRECTED BY THE INSPECTOR.
5. ALL TRENCHES/EXCAVATIONS TO BE BACKFILLED WITH 3/4" MINUS CRUSHED ROCK UNLESS OTHERWISE DIRECTED BY THE ENGINEER. IN NON-GRAVELLED NON-PAVED AREAS, THE UPPER 6-INCHES OF TRENCHES SHALL TOPSOILED, SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER.
6. CONTRACTOR SHALL SHAPE GROUND AT DITCH INLETS (INCIDENTAL).
7. CONTRACTOR SHALL INSTALL ECONO-JUTE IN DRAINAGE DITCHES NEAR DITCH INLETS (INCIDENTAL).
8. ALL EXCAVATED MATERIAL NOT IMMEDIATELY REUSED ON SITE SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH ALL REGULATIONS.
9. A PROJECT FOR THE REPAVING OF SW LINCOLN STREET FROM SW WILLAMETTE STREET TO SW DIVISION STREET IS ANTICIPATED FOR AUGUST, 2014 CONSTRUCTION. THE NEW ASPHALT WIDTH IS ANTICIPATED TO BE 15 FEET ON EACH SIDE OF THE RIGHT-OF-WAY CENTERLINE (11-FOOT LANES WITH 4 FEET OF WALKING/DRAINAGE AREA).
10. COST OF CATCH BASIN SHALL INCLUDE THE COST OF ALL RESTORATION AROUND CATCH BASIN TO MATCH EXISTING CONDITIONS.
11. CONTRACTOR MAY STAGE EQUIPMENT ON 15434 SW VISTA AVENUE UPON WRITTEN APPROVAL BY THE HOMEOWNER. WRITTEN APPROVAL SHALL BE SUPPLIED TO THE CITY PRIOR TO USING PROPERTY.

CONTRACTOR'S RESPONSIBILITY

1. THE CONTRACTOR SHALL PROVIDE ALL LABOR, TOOLS AND EQUIPMENT NECESSARY TO COMPLETE THE WORK (INCLUDING TRUCKING, FLAGGING AND MATERIAL PICKUP FROM PUBLIC WORKS COMPOUND, ETC.).
2. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL SIGNAGE AND FLAGGING AS NECESSARY.
3. THE CONTRACTOR SHALL COORDINATE WITH THE CITY AS TO WHAT MATERIALS ARE NEEDED AND THE TIMING OF WHEN SAID MATERIALS ARE NEEDED.
4. FOR MATERIALS THAT WON'T BE STOCKPILED THE CONTRACTOR SHALL COORDINATE NEED WITH PUBLIC WORKS, ORDER AND HAVE THE BILL SENT TO THE CITY FOR PAYMENT.
5. TRUCKING TO GET MATERIALS TO SITE, MOVE MATERIALS AROUND THE SITE AS NEEDED AND TO DISPOSE OF MATERIALS OFF SITE.
6. PLACEMENT AND COMPACTION OF ALL BEDDING, BACKFILL AND SURFACING (INCLUDING ASPHALT). THIS IS INCIDENTAL TO THE PRICE OF PIPE, CATCH BASIN AND MANHOLE INSTALLATION.
7. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES TO REMAIN.
8. TEMPORARY MAILBOXES.
9. COORDINATING WITH NEIGHBORS (DRIVEWAY ACCESS, MAILBOXES, YARD RESTORATION, ETC.).
10. PRUNING/REMOVAL OF ANY SHRUBS, BRANCHES OR TREES AS APPROVED BY THE INSPECTOR.
11. CLEANING AND MANDREL TESTING OF ALL NEW STORM SYSTEM.
12. IF CITY VIDEO SHOWS AREAS WHERE PONDING MAY BE IN EXCESS OF ALLOWANCES (1/2" FOR 16" PIPE AND 3/8" FOR 12" PIPE) THEN VIDEO INSPECTION OF THOSE SECTIONS OF PIPING SHALL BE PROVIDED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY.
13. PROTECTION OF EXISTING FACILITIES TO REMAIN. COORDINATION OF POWER POLE PROTECTION WITH PGE.
14. KEEPING AS-BUILT RECORDS OF TEE STATIONING, UTILITY RELOCATION INFORMATION, INSTALLED FITTINGS, DEPTH OF LATERAL CONNECTION POINTS, DEPTH OF UTILITIES AT PIPE CROSSINGS, DEPTH OF LATERAL ENDS AND DEPTH TO TOP OF 2"x4".

CITY'S RESPONSIBILITY

1. THE CITY SHALL PAY FOR ALL MATERIALS AND DISPOSAL FEES.
2. SOME MATERIALS MAY BE PREORDERED AND STOCKPILED AT THE PUBLIC WORKS COMPOUND AT 15527 SW WILLAMETTE STREET, SHERWOOD OREGON.
3. THE CITY SHALL PROVIDE AN EQUIPMENT STAGING AREA AT SHERWOOD PUBLIC WORKS BUILDING IF STAGING AREA AT SW VISTA AVENUE IS NOT GRANTED BY HOME OWNER..
4. THE CITY SHALL PROVIDE INITIAL VIDEO OF STORM SYSTEM (SEE NOTE 12 ABOVE).



PROJECT SPECIFIC NOTES AND EROSION CONTROL DETAILS

LINCOLN STREET STORM

LOCATED IN SECTIONS 32AC AND 32BD, T2S, R1W, W.M. IN THE CITY OF SHERWOOD, WASHINGTON COUNTY, STATE OF OREGON

CITY OF SHERWOOD ENGINEERING DEPARTMENT
 777000
 2500 SW DIVISION STREET
 SHERWOOD, OREGON 97140
 PHONE: (503) 925-2309
 FAX: (503) 925-2308
 E-MAIL: engineering@sherwoodoregon.gov

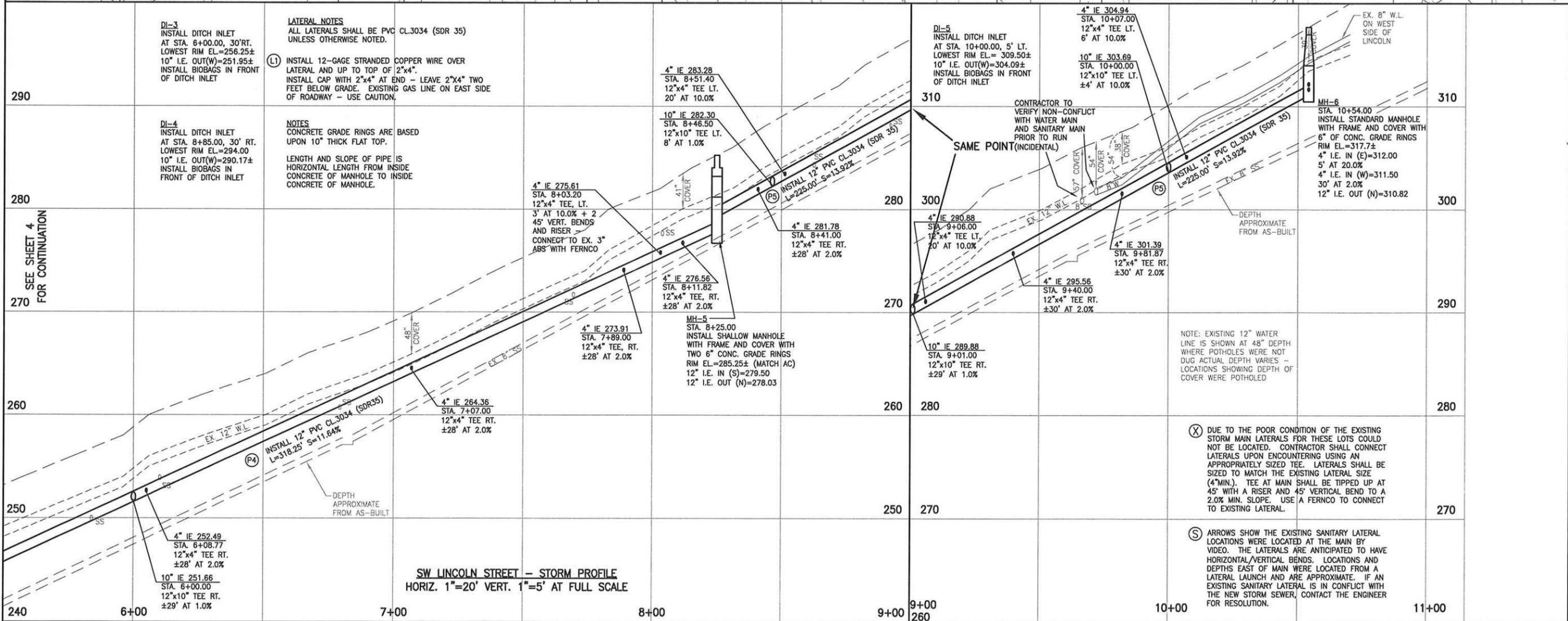
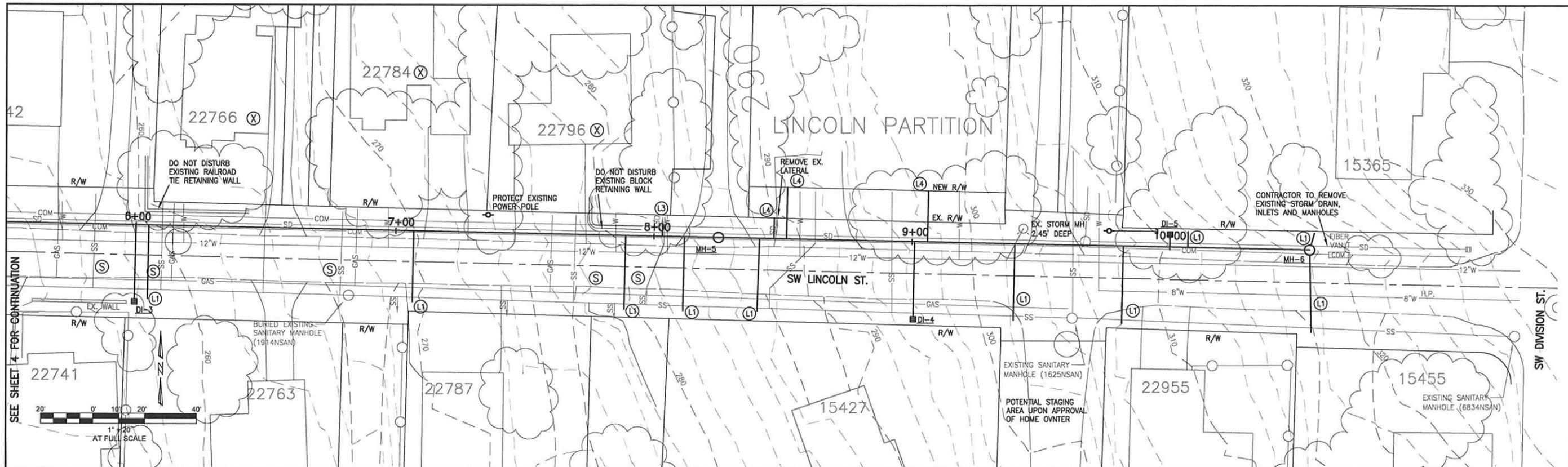
PROFESSIONAL SEAL
 REGISTERED PROFESSIONAL ENGINEER
 No. 12345
 State of Oregon
 CRAIG C. CHURCH
 EXPIRES: 12-31-15

DESIGNED BY:	CCC
DRAWN BY:	AMS/CCC
CHECKED BY:	RS
FULL SIZE SCALE:	AS NOTED
DATE:	MAY 6, 2014
LINCOLN STREET STORM COVERING	

REVISIONS	

JOB NO. 8073

SHEET 3 OF 7



DI-3
 INSTALL DITCH INLET
 AT STA. 6+00.00, 30' RT.
 LOWEST RIM EL.=256.25±
 10" I.E. OUT(W)=251.95±
 INSTALL BIOBAGS IN FRONT
 OF DITCH INLET

LATERAL NOTES
 ALL LATERALS SHALL BE PVC CL.3034 (SDR 35)
 UNLESS OTHERWISE NOTED.

(L) INSTALL 12-GAGE STRANDED COPPER WIRE OVER
 LATERAL AND UP TO TOP OF 2"x4".
 INSTALL CAP WITH 2"x4" AT END - LEAVE 2"x4" TWO
 FEET BELOW GRADE. EXISTING GAS LINE ON EAST SIDE
 OF ROADWAY - USE CAUTION.

DI-4
 INSTALL DITCH INLET
 AT STA. 8+85.00, 30' RT.
 LOWEST RIM EL.=294.00
 10" I.E. OUT(W)=290.17±
 INSTALL BIOBAGS IN
 FRONT OF DITCH INLET

NOTES
 CONCRETE GRADE RINGS ARE BASED
 UPON 10" THICK FLAT TOP.

LENGTH AND SLOPE OF PIPE IS
 HORIZONTAL LENGTH FROM INSIDE
 CONCRETE OF MANHOLE TO INSIDE
 CONCRETE OF MANHOLE.

DI-5
 INSTALL DITCH INLET
 AT STA. 10+00.00, 5' LT.
 LOWEST RIM EL.= 309.50±
 10" I.E. OUT(W)=304.09±
 INSTALL BIOBAGS IN FRONT
 OF DITCH INLET

CONTRACTOR TO
 VERIFY NON-CONFLICT
 WITH WATER MAIN
 AND SANITARY MAIN
 PRIOR TO RUN

SAME POINT (INCIDENTAL)

EX. 8" W.L.
 ON WEST
 SIDE OF
 LINCOLN

MH-6
 STA. 10+54.00
 INSTALL STANDARD MANHOLE
 WITH FRAME AND COVER WITH
 6" OF CONC. GRADE RINGS
 RIM EL.=317.7±
 4" I.E. IN (E)=312.00
 5' AT 20.0%
 4" I.E. IN (W)=311.50
 30' AT 2.0%
 12" I.E. OUT (N)=310.82

NOTE: EXISTING 12" WATER
 LINE IS SHOWN AT 48" DEPTH
 WHERE POTHOLES WERE NOT
 DUG ACTUAL DEPTH VARIES -
 LOCATIONS SHOWING DEPTH OF
 COVER WERE POTHOLED

(X) DUE TO THE POOR CONDITION OF THE EXISTING
 STORM MAIN LATERALS FOR THESE LOTS COULD
 NOT BE LOCATED. CONTRACTOR SHALL CONNECT
 LATERALS UPON ENCOUNTERING USING AN
 APPROPRIATELY SIZED TEE. LATERALS SHALL BE
 SIZED TO MATCH THE EXISTING LATERAL SIZE
 (4" MIN.). TEE AT MAIN SHALL BE TIPPED UP AT
 45° WITH A RISER AND 45° VERTICAL BEND TO A
 2.0% MIN. SLOPE. USE A FERNCO TO CONNECT
 TO EXISTING LATERAL.

(S) ARROWS SHOW THE EXISTING SANITARY LATERAL
 LOCATIONS WERE LOCATED AT THE MAIN BY
 VIDEO. THE LATERALS ARE ANTICIPATED TO HAVE
 HORIZONTAL/VERTICAL BENDS. LOCATIONS AND
 DEPTHS EAST OF MAIN WERE LOCATED FROM A
 LATERAL LAUNCH AND ARE APPROXIMATE. IF AN
 EXISTING SANITARY LATERAL IS IN CONFLICT WITH
 THE NEW STORM SEWER, CONTACT THE ENGINEER
 FOR RESOLUTION.

**STORM SEWER
 PLAN AND PROFILE
 SOUTH**

LINCOLN STREET STORM

LOCATED IN SECTIONS 32AC AND 32BD, T2S, R1W, W.M. IN
 THE CITY OF SHERWOOD, WASHINGTON COUNTY,
 STATE OF OREGON

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

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 E-MAIL: engineering@sherwoodoregon.gov

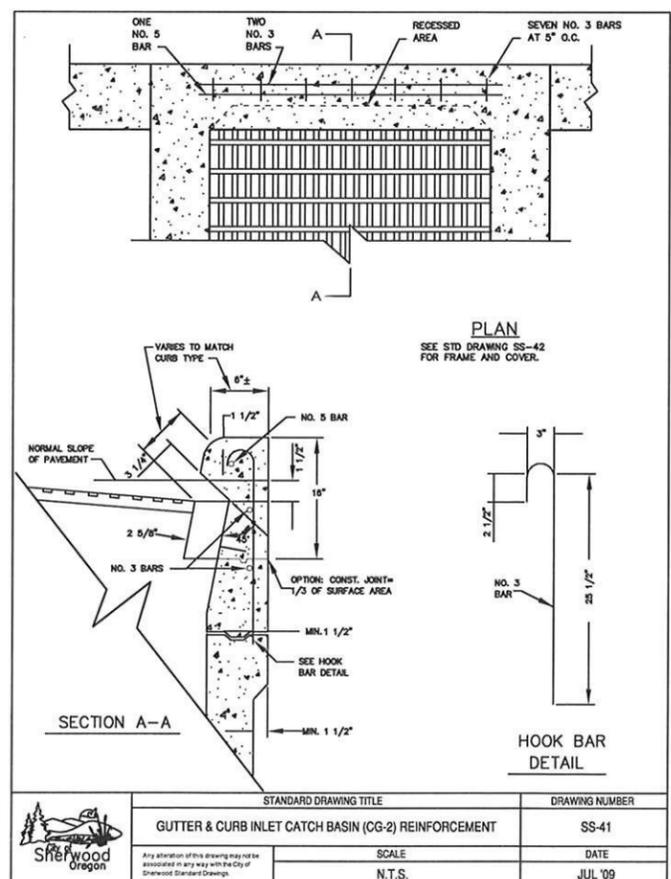
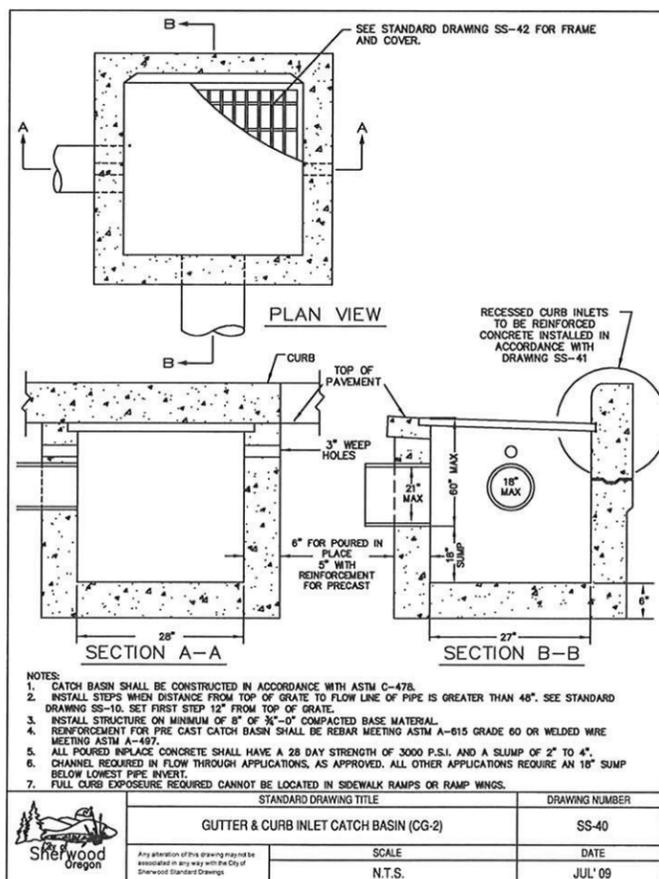
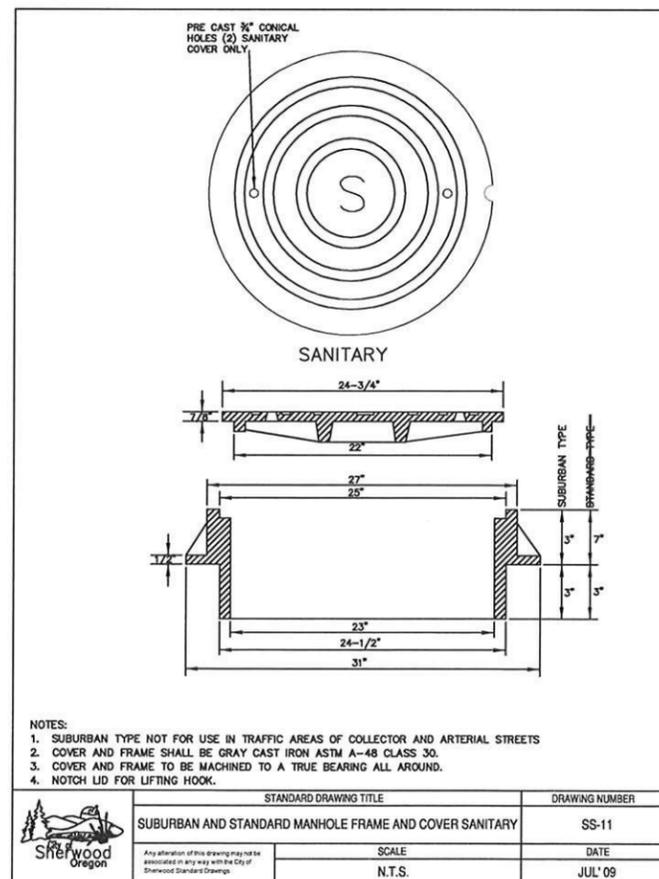
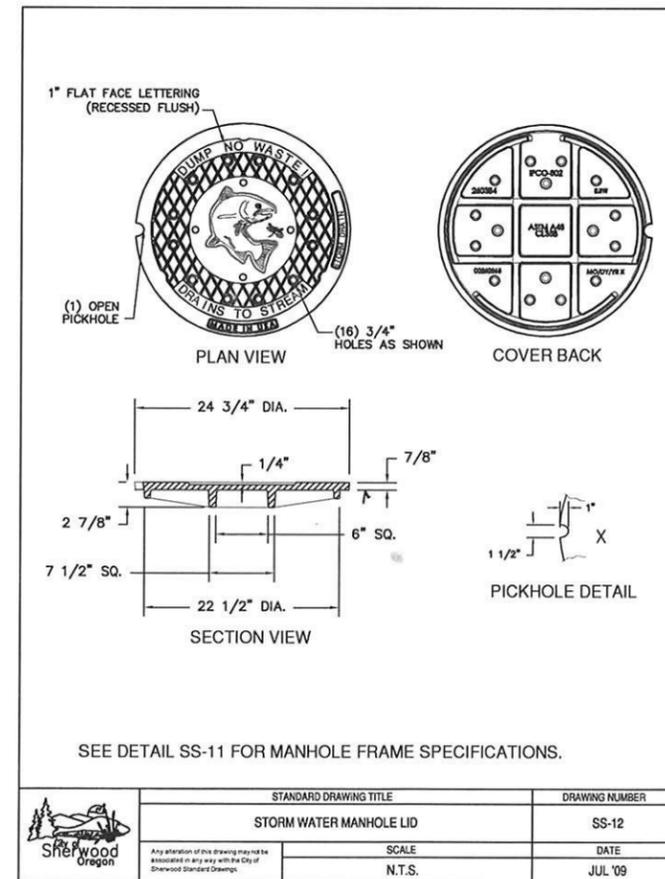
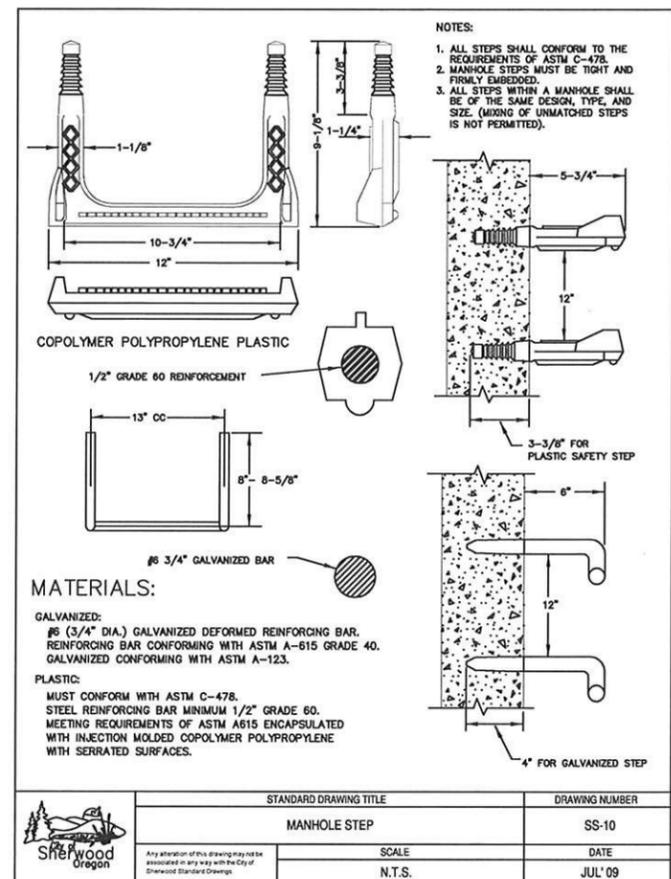
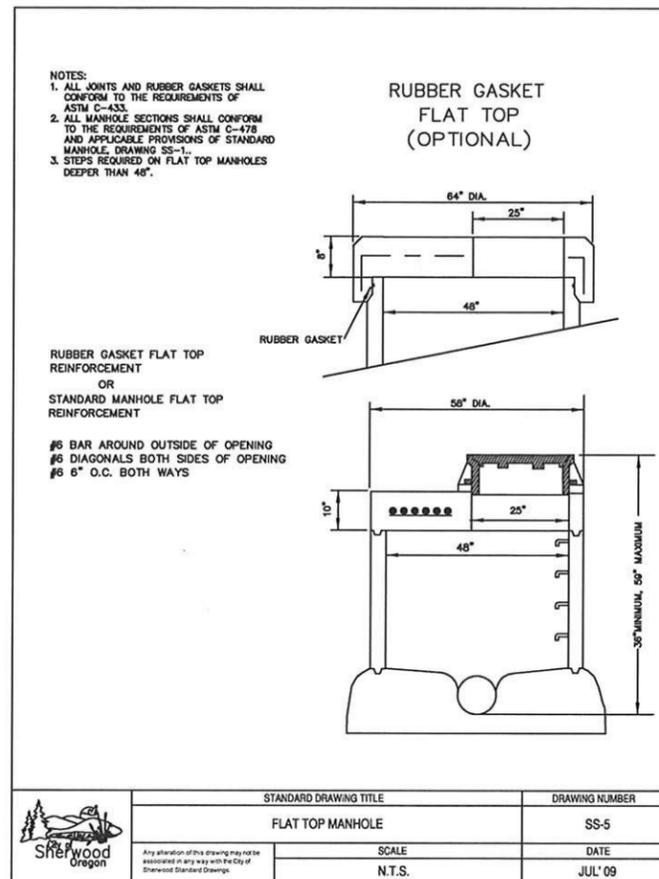
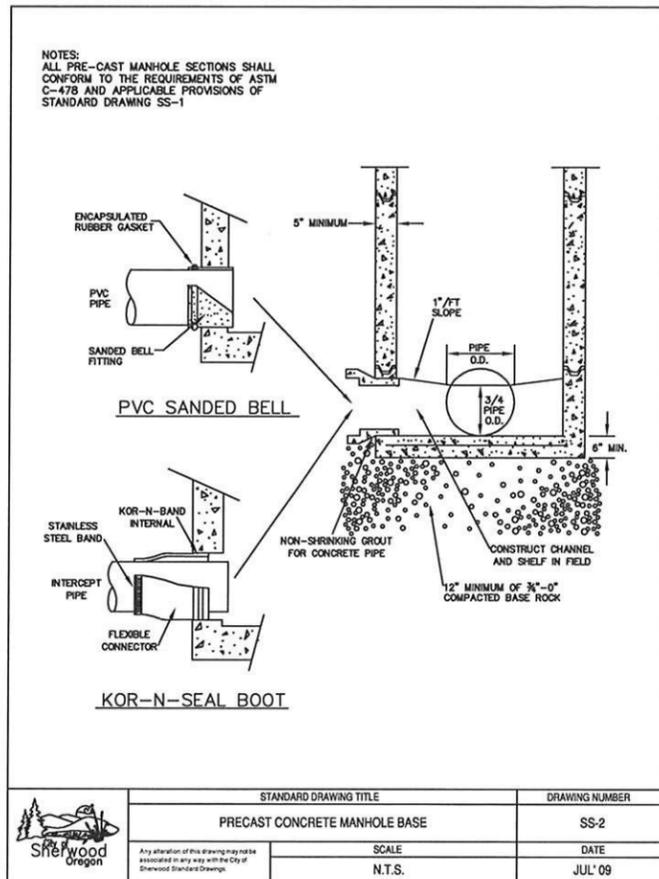
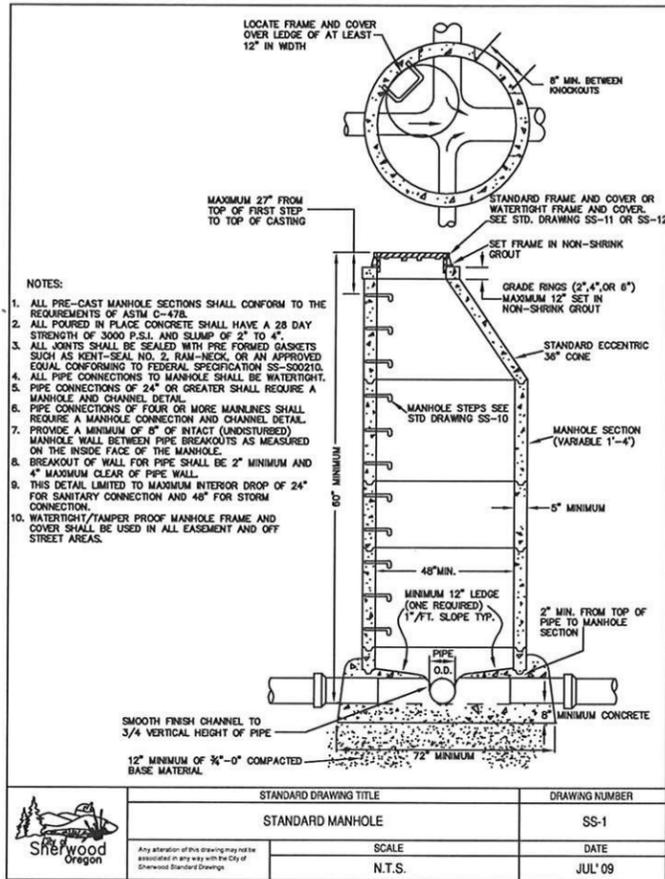
DESIGNED BY: CC
DRAWN BY: MS/CC
CHECKED BY: RS
FULL SIZE SCALE: AS NOTED
DATE: MAY 6, 2014

LINCOLN STREET PANDP-SHEET/DWG

JOB NO. **8073**

SHEET NO. **5**
 OF **7**

REVISIONS



STANDARD CITY DETAILS

LINCOLN STREET STORM

LOCATED IN SECTIONS 32AC AND 32BD, T2S, R1W, W.M. 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

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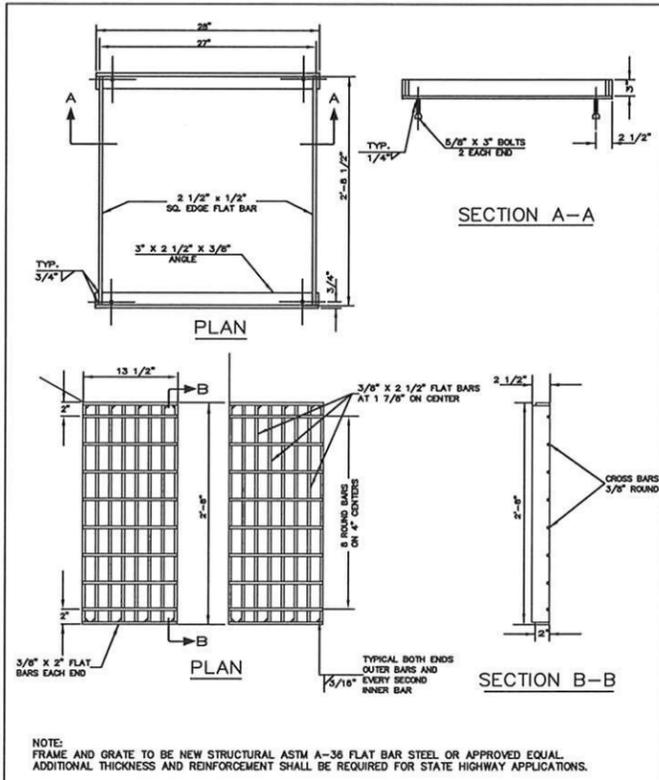
LINCOLN STREET STORM_DETAILS.DWG

REVISIONS

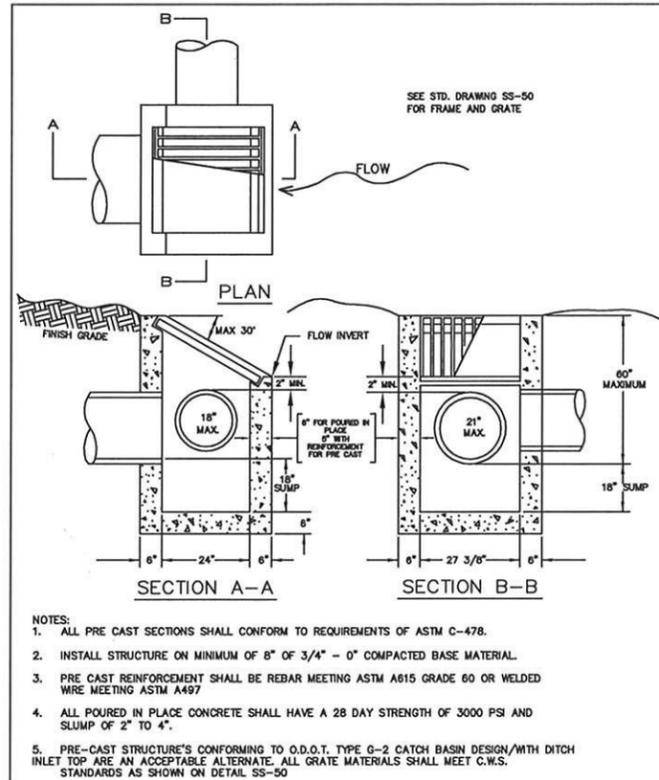
JOB NO. 8073

SHEET NO. 6

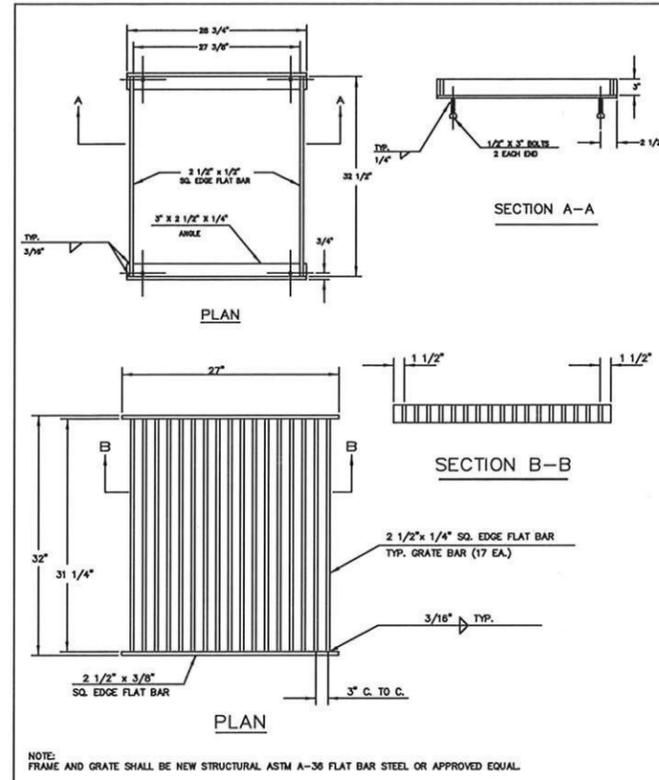
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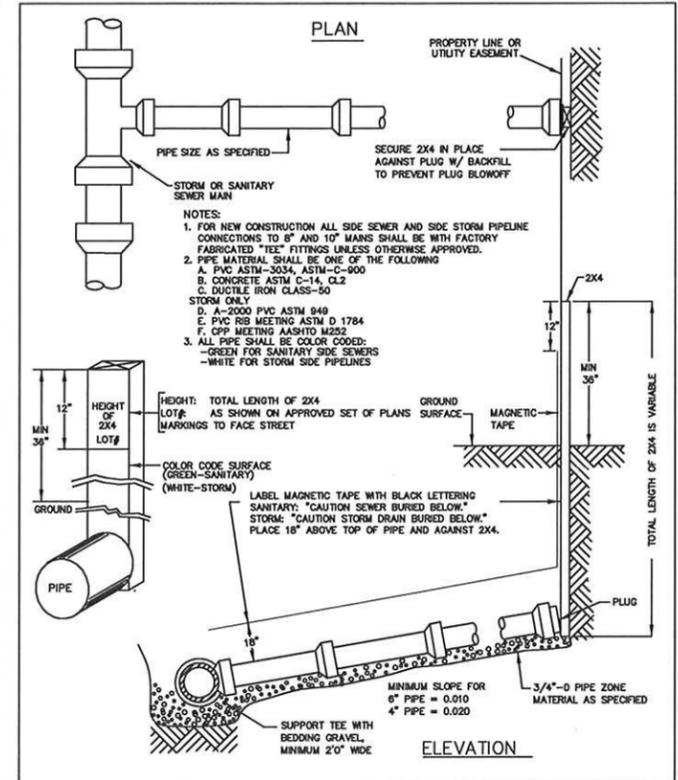
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CATCH BASIN FRAME AND GRATE (CG-2)	SS-42
SCALE	DATE
N.T.S.	JUL '09



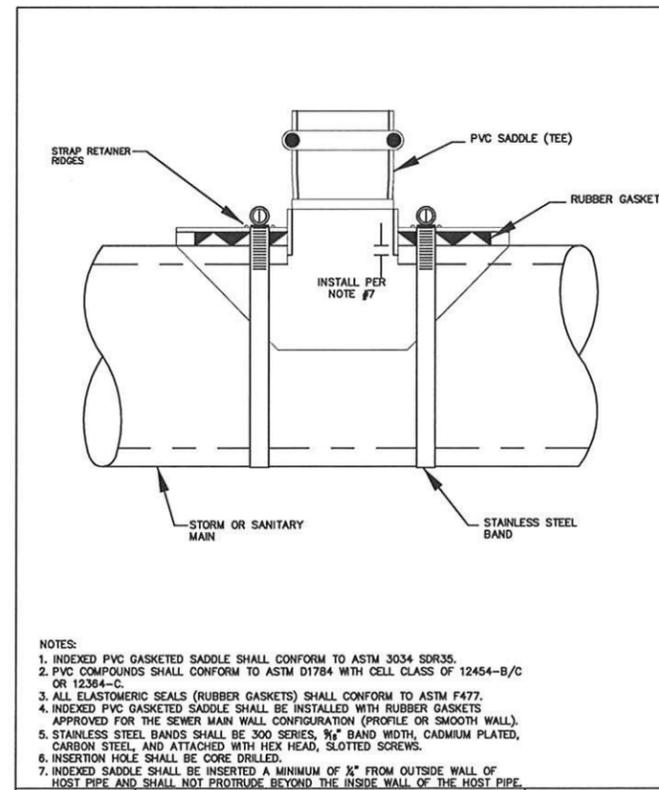
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DITCH INLET	SS-49
SCALE	DATE
N.T.S.	JUL '09



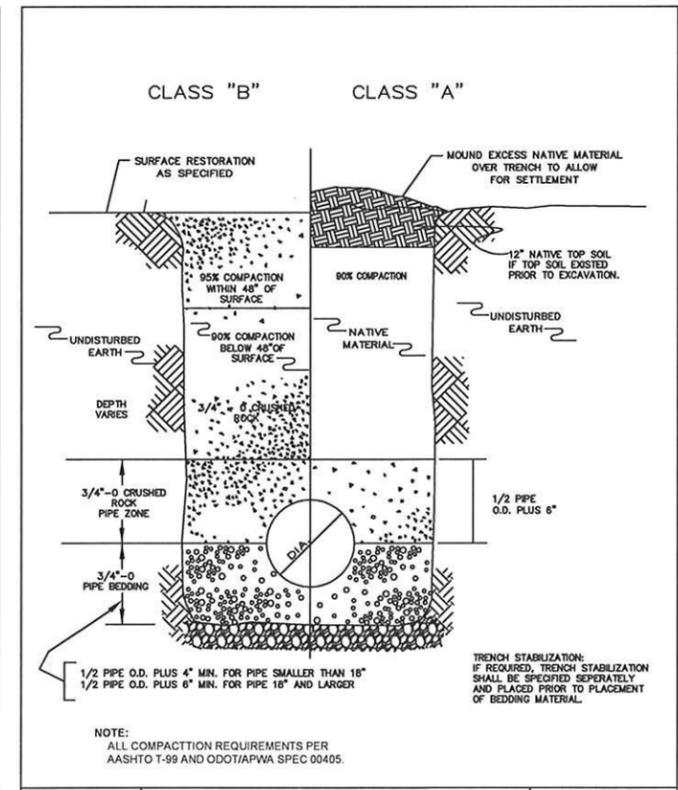
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DITCH INLET FRAME AND GRATE	SS-50
SCALE	DATE
N.T.S.	JUL '09



STANDARD DRAWING TITLE	DRAWING NUMBER
SIDE SEWER/SIDE STORM PIPELINE	SS-62
SCALE	DATE
N.T.S.	JUL '09



STANDARD DRAWING TITLE	DRAWING NUMBER
INDEXED PVC GASKETED SADDLE	SS-64
SCALE	DATE
N.T.S.	JUL '09



STANDARD DRAWING TITLE	DRAWING NUMBER
TRENCH BACKFILL DETAILS	SS-69
SCALE	DATE
N.T.S.	JUL '09

STANDARD CITY DETAILS

LINCOLN STREET STORM

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CITY OF SHERWOOD
ENGINEERING DEPARTMENT
22450 SW PINE STREET
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REGISTERED PROFESSIONAL ENGINEER
177104
NSR/LS/LS/LS/LS/LS
CRA 10 C. CHS
EXPIRES: 12-31-15

DESIGNED BY:	CCC
ASG/CCC	
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