

CONSTRUCTION NOTES

- 1 INSTALL 1" WATER SERVICE METER AND BOX PER CITY OF WEST LINN STANDARD DRAWING WL-402. METER SIZE IS 1/2". INSTALL 1" COPPER WATER LINE FROM METER TO PROPERTY LINE, THEN TRANSITION TO PEX TUBING. PROVIDE GRADING AS NECESSARY FOR INSTALLATION OF METER BOX. TRENCH BACKFILL MATERIAL (AS DEFINED ON CITY OF WEST LINN STANDARD DRAWING WL-200) SHALL CONSIST OF CLASS B MATERIAL UNDER ALL PAVED SURFACES, AND CLASS A MATERIAL UNDER LANDSCAPED AREAS.
- 2 INSTALL 1-1/2" PEX TUBING, MAINTAIN A MINIMUM OF 3' OF COVER.
- 3 CUT EXISTING WATER SUPPLY LINE AT PROPOSED POINT OF CONNECTION AND CAP THE "WELL" SIDE OF THE LINE. CONNECT NEW WATER SERVICE LINE TO "HOUSE" SIDE OF THE EXISTING WATER SUPPLY LINE. LOCATION OF EXISTING WATER SUPPLY LINE IS ASSUMED. CONTRACTOR TO VERIFY LOCATION PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN WHAT IS SHOWN ON THIS DRAWING AND WHAT IS OBSERVED IN FIELD.
- 4 ASSUMED LOCATION OF EXISTING GAS SERVICE LINE. CONTRACTOR TO VERIFY LOCATION PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN WHAT IS SHOWN ON THIS DRAWING AND WHAT IS OBSERVED IN FIELD.
- 5 INSTALL PVC SANITARY SEWER PIPE, SIZE PER PLAN.
- 6 INSTALL STANDARD CLEANOUT.
- 7 SEPTIC TANK TO BE DECOMMISSIONED PER THE REQUIREMENTS SPECIFIED ON THIS DRAWING. ASSUMED SEPTIC TANK SIZE IS 1500 GALLONS.
- 8 RESTORE VEGETATION IN KIND IN AREAS DISTURBED BY CONSTRUCTION.
- 9 PRIOR TO START OF CONSTRUCTION, CONTRACTOR TO EVALUATE PROPOSED ROUTE FOR SANITARY LINE IN FIELD. NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS WITH PROPOSED ROUTE AND EXISTING SITE FEATURES.
- 10 CONNECT TO EXISTING BUILDING SANITARY LINE AND INSTALL CLEANOUT. LOCATION AND DEPTH OF EXISTING SANITARY LINE IS ASSUMED. CONTRACTOR TO VERIFY LOCATION AND DEPTH PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN WHAT IS SHOWN ON THIS DRAWING AND WHAT IS OBSERVED IN FIELD.
- 11 REMOVE PORTION OF FENCE AS NECESSARY FOR INSTALLATION OF NEW UTILITY. REPAIR FENCE IN KIND AFTER INSTALLATION OF UTILITY.
- 12 THIS IS A JURISDICTIONAL WETLAND AREA. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS FOR CONSTRUCTING PROPOSED IMPROVEMENTS WITHIN WETLAND. CONTRACTOR TO MINIMIZE DISTURBANCE WITHIN EXISTING WETLAND TO THE MAXIMUM EXTENT POSSIBLE. RESTORE AREAS DISTURBED BY CONSTRUCTION TO PRE-DISTURBED CONDITION.
- 13 SAWCUT EXISTING PAVEMENT AS NECESSARY FOR INSTALLATION OF NEW WATER SERVICE LINE. REPAIR PAVEMENT AFTER INSTALLATION OF WATER LINE.
- 14 SAWCUT EXISTING CURB AND GUTTER AS NECESSARY FOR INSTALLATION OF NEW WATER SERVICE LINE. REPAIR CURB AND GUTTER AFTER INSTALLATION OF WATER LINE.
- 15 INSTALL NEW MANHOLE AND CONNECT TO EXISTING SANITARY SEWER LINE. LOCATION AND DEPTH OF EXISTING SANITARY LINE IS ASSUMED. CONTRACTOR TO VERIFY LOCATION AND DEPTH PRIOR TO START OF CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN WHAT IS SHOWN ON THIS DRAWING AND WHAT IS OBSERVED IN FIELD.
- 16 INSTALL 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTOR.
- 17 APPROXIMATE LOCATION OF EXISTING TREE. CONTRACTOR TO REMOVE EXISTING TREE AND ROOT SYSTEM AND DISPOSE OF OFF-SITE.
- 18 INSTALL NEW MANHOLE.

GENERAL SITE NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND BECOMING FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING.
2. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT NEW FEATURES IT INTO EXISTING SITE DEVELOPMENT. REPORT DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
3. IN AREAS WHERE ASPHALT PAVING IS BEING REWORKED, PROVIDE NEW PAINT STRIPING FOR ALL REVISED PAVING WORK.
4. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH CITY INSPECTOR(S). CONTRACTOR SHALL NOTIFY CITY INSPECTOR(S) 48 HOURS PRIOR TO START OF CONSTRUCTION.
5. DURING CONSTRUCTION, THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL HAVE A MINIMUM OF ONE (1) SET OF PERMIT APPROVED PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.
6. UPON COMPLETION OF THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL. ALL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO AN "AS GOOD OR BETTER" CONDITION.
7. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO CITY OF WEST LUNN STANDARDS AND SPECIFICATIONS.
8. SURVEY OF EXISTING CONDITIONS PREPARED BY COMPASS ENGINEERING, THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL SURVEY DATA. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING RIGHT-OF-WAY LINES, SLOPE EASEMENTS, AND ALL HORIZONTAL AND VERTICAL CONTROL PRIOR TO CONSTRUCTION.
9. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STAKING AND SHALL ARRANGE FOR STAKING WITH A LICENSED SURVEYOR. STAKING WILL BE REVIEWED BY OWNER FOR CONFORMANCE TO DESIGN PRIOR TO CONSTRUCTION.
10. ALL GRADES BETWEEN SPOT ELEVATIONS SHALL HAVE UNIFORM SLOPE UNLESS OTHERWISE INDICATED.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION. ADEQUATE SHORING, BRACING, TIES, AND SUPPORTS SHALL BE USED TO PROVIDE PROPER TEMPORARY INTEGRITY DURING ALL PHASES OF CONSTRUCTION.
12. ALL EXISTING LANDSCAPED AND UNPAVED AREAS WHICH ARE DISTURBED BY CONSTRUCTION OR EARTHWORK OPERATIONS SHALL BE HAND RAKED SMOOTH AND RETURNED TO ORIGINAL EXISTING CONDITIONS. DISTURBED LANDSCAPED AREAS SHALL RECEIVE BARK DUST AND REPLACEMENT PLANTINGS. DISTURBED NATURAL AREAS SHALL BE HYDROSEDED TO REPLACE NATIVE COVER. DISTURBED GRAVEL AREAS SHALL RECEIVE REPLACEMENT GRAVEL OR CRUSHED ROCK SURFACING.
13. ALL DITCHES, SWALES, GUTTERS, ETC. SHOULD BE CONSIDERED ACTIVE STORM CONVEYANCES UNLESS OTHERWISE INDICATED. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING STORM WATER DRAINAGE AND DETERMINING OF WORK AREAS DURING CONSTRUCTION.
14. DURING WET WEATHER PERIODS, CONTRACTOR IS RESPONSIBLE FOR SEQUENCING CONSTRUCTION IN A MANNER TO MINIMIZE IMPACT ON OPEN EARTHWORK AND COMPACTION OPERATIONS.
15. ALL EXISTING MONUMENTS SHALL BE PROTECTED DURING CONSTRUCTION. IF ANY MONUMENTS ARE DISTURBED OR DESTROYED DURING CONSTRUCTION, CONTRACTOR SHALL REUSE THE SERVICES OF A REGISTERED LAND SURVEYOR TO RESTORE THE MONUMENT TO ITS ORIGINAL CONDITION AND FILE THE NECESSARY SURVEYS AS REQUIRED BY STATE LAW.
16. COMPLETELY COVER ANY SOIL STOCKPILES WITH 6 MIL BLACK PLASTIC AND PLOUSE RESTRAINTS TO HOLD PLASTIC IN PLACE. MONUMENT PLASTIC COVER AS PART OF CONTINUOUS EROSION CONTROL PLAN. PLACE SILT FENCE COMPLETELY AROUND STOCKPILE.
17. CONTRACTOR SHALL DEVELOP TEMPORARY TRAFFIC CONTROL PLAN AND PROVIDE IT TO THE CITY OF WEST LUNN PRIOR TO THE START OF CONSTRUCTION.
18. CONTRACTOR TO PROVIDE ALL TEMPORARY SIGNAGE.

SEPTIC DECOMMISSIONING REQUIREMENTS

- A. DECOMMISSION INDICATED SEPTIC FACILITIES PER OREGON DEQ REQUIREMENTS (OAR 340-071-0185) AND CITY OF WEST Linn REQUIREMENTS.
- B. A DECOMMISSION PERMIT IS REQUIRED PRIOR TO ANY WORK BEING PERFORMED. CONTRACTOR TO PROVIDE ALL NECESSARY SERVICES AND FEES TO OBTAIN PERMIT.
- C. FACILITIES TO BE PUMPED BY A LICENSED SEWAGE DISPOSAL SERVICE TO REMOVE ALL SEPTAGE.
- D. FACILITIES TO BE FILLED WITH 3/4" MINUS GRAVEL.
- E. CONTRACTOR TO ARRANGE FOR FACILITIES TO BE INSPECTED BY CITY REPRESENTATIVE PRIOR TO BEING COVERED.

GENERAL UTILITY NOTES

1. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE PLOTTED FROM RECORD DRAWINGS AND INTERPOLATION OF PHYSICAL EVIDENCE ON THE SITE AND ARE SUBJECT TO FIELD VERIFICATION BY THE CONTRACTOR.
2. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION UNDER THIS SECTION OR ANY OTHER SECTION.
3. THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW THE LOCATION OF ANY COMPONENT PIECE, OR FITTING REQUIRED TO COMPLETE THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND WORKING SYSTEM. ALL ADDITIONAL WORK OR PARTS TO CONFORM TO CITY OF WEST LANE STANDARDS AND APPROVAL.
4. CONTRACTOR SHALL COORDINATE A UTILITY LOCATE 48 HOURS PRIOR TO BEGINNING ANY UTILITY CONSTRUCTION FOR LOCATION MARK-UP OF ALL EXISTING UTILITIES BOTH IN THE RIGHT-OF-WAY AND ON PRIVATE PROPERTY. CONTRACTOR SHALL COORDINATE THE UTILITY LOCATE WITH MUNICIPALITY HAVING JURISDICTION FOR ALL UTILITY WORK WITHIN A PUBLIC RIGHT-OF-WAY. INFORM ENGINEER IMMEDIATELY IF LOCATE INDICATES THAT EXISTING UTILITIES ARE DIFFERENT THAN SHOWN ON DRAWINGS. PRE-SURVEY LOCATING REQUESTS SHALL BE 14 DAYS IN ADVANCE.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES, FEATURES, AND STRUCTURES LOCATED ON THE SITE, LOCATE, PROTECT, AND AVOID DISRUPTION OF ALL ABOVE AND BELOW GRADE UTILITIES DURING CONSTRUCTION.
6. ALL UTILITY CONSTRUCTION ON PRIVATE PROPERTY SHALL CONFORM TO THE LATEST EDITION OF THE OREGON PLUMBING SPECIALTY CODE. ALL UTILITY CONSTRUCTION WITHIN THE RIGHT-OF-WAY SHALL CONFORM TO THE STANDARD REQUIREMENTS OF THE MUNICIPALITY HAVING JURISDICTION.
7. ALL BURED LINES TO HAVE 3 FEET MINIMUM COVER, UNLESS NOTED OTHERWISE.
8. THRUST RESTRAINTS REQUIRED ON ALL PRESSURE LINE BENDS AND FITTINGS.
9. ALL EXISTING UTILITIES AND TIE-IN POINTS SHOULD BE CONSIDERED ACTIVE UTILITIES UNLESS OTHERWISE INDICATED.
10. CONFIRM ALL UTILITY VALVE VALVES, VALVES, METERS, BACKFLOW PREVENTION ASSEMBLIES, AND OTHER PUBLIC UTILITY APPURTENANCES IN THE RIGHT-OF-WAY WITH THE MUNICIPALITY HAVING JURISDICTION.

GENERAL NOTE

ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF WEST LINN PUBLIC WORKS STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS.

ATTENTION EXCAVATORS

OREGON LAW REQUIRES YOU 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. 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 TWO BUSINESS DAYS BEFORE COMMENCING ANY EXCAVATION. CALL 503-246-6699.

1 UTILITY PLAN
C1C1 SCALE: 1"=20'-0"

1" = 20'-0"



-	RECORD DRAWINGS		-				12/2/13
No.	Revision		Drawn	Job Manager	Project Director		Date

Drawing Revisions

Note: * indicates signatures on original issue of drawing or last revision of drawing

RECORD DRAWING

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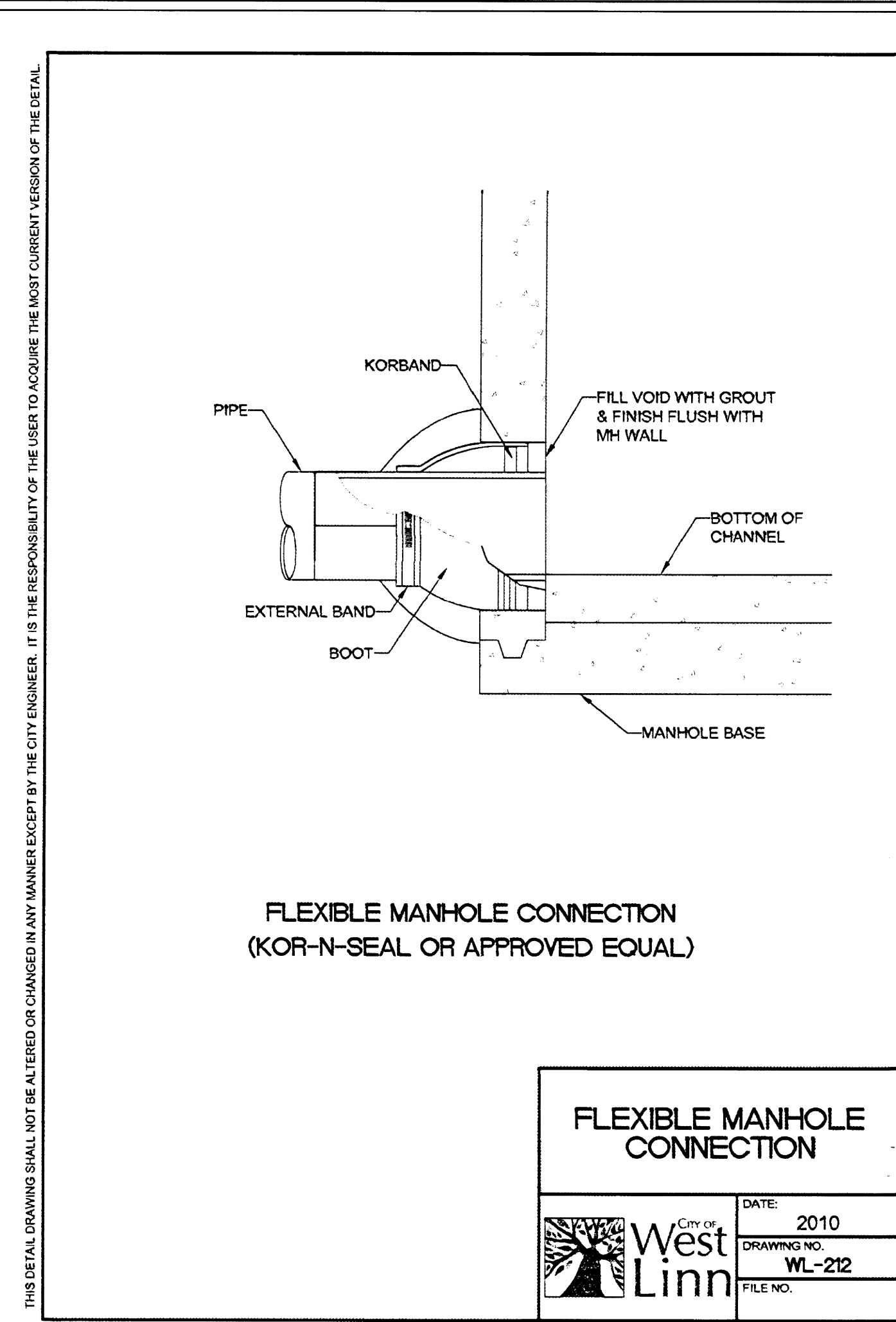
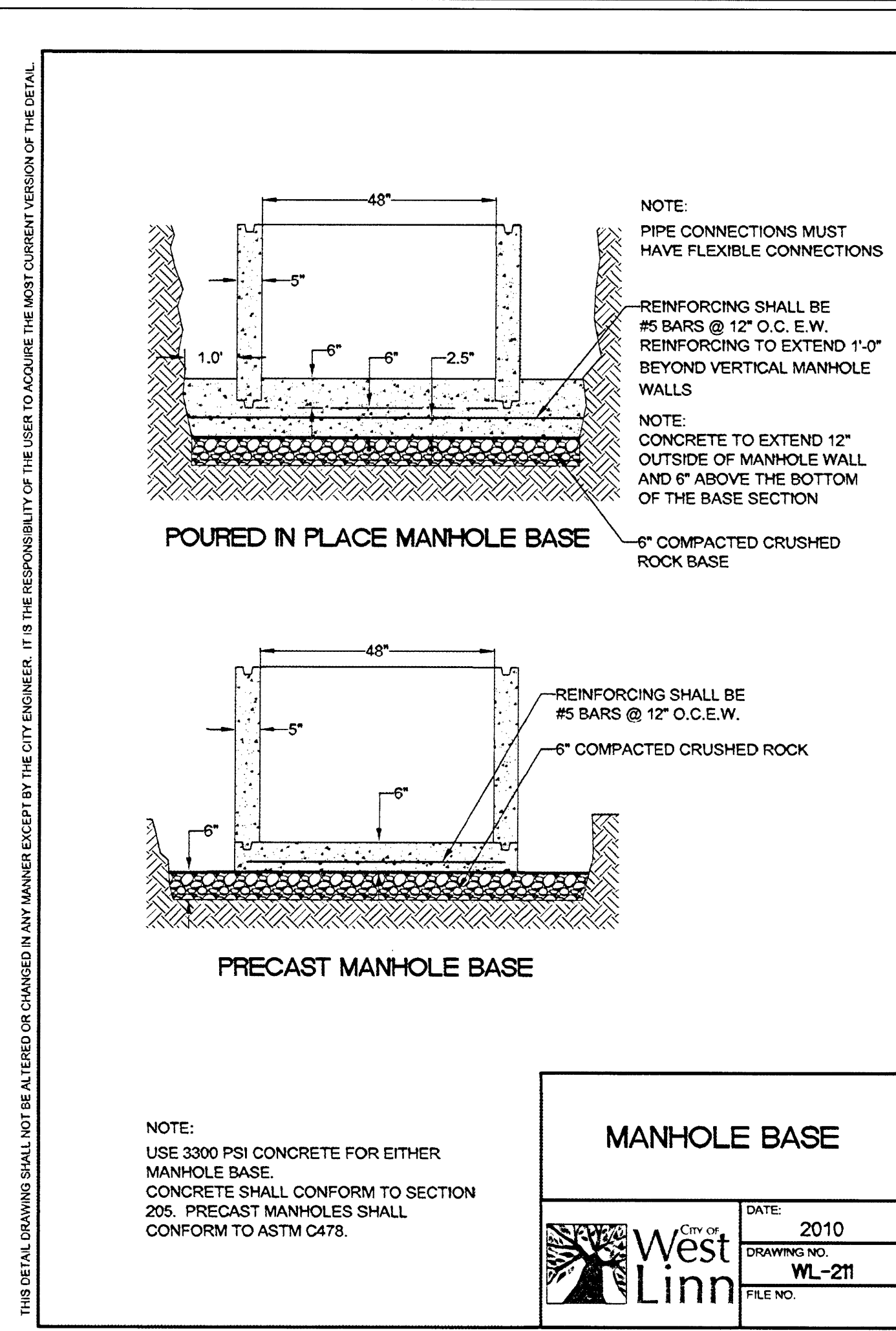
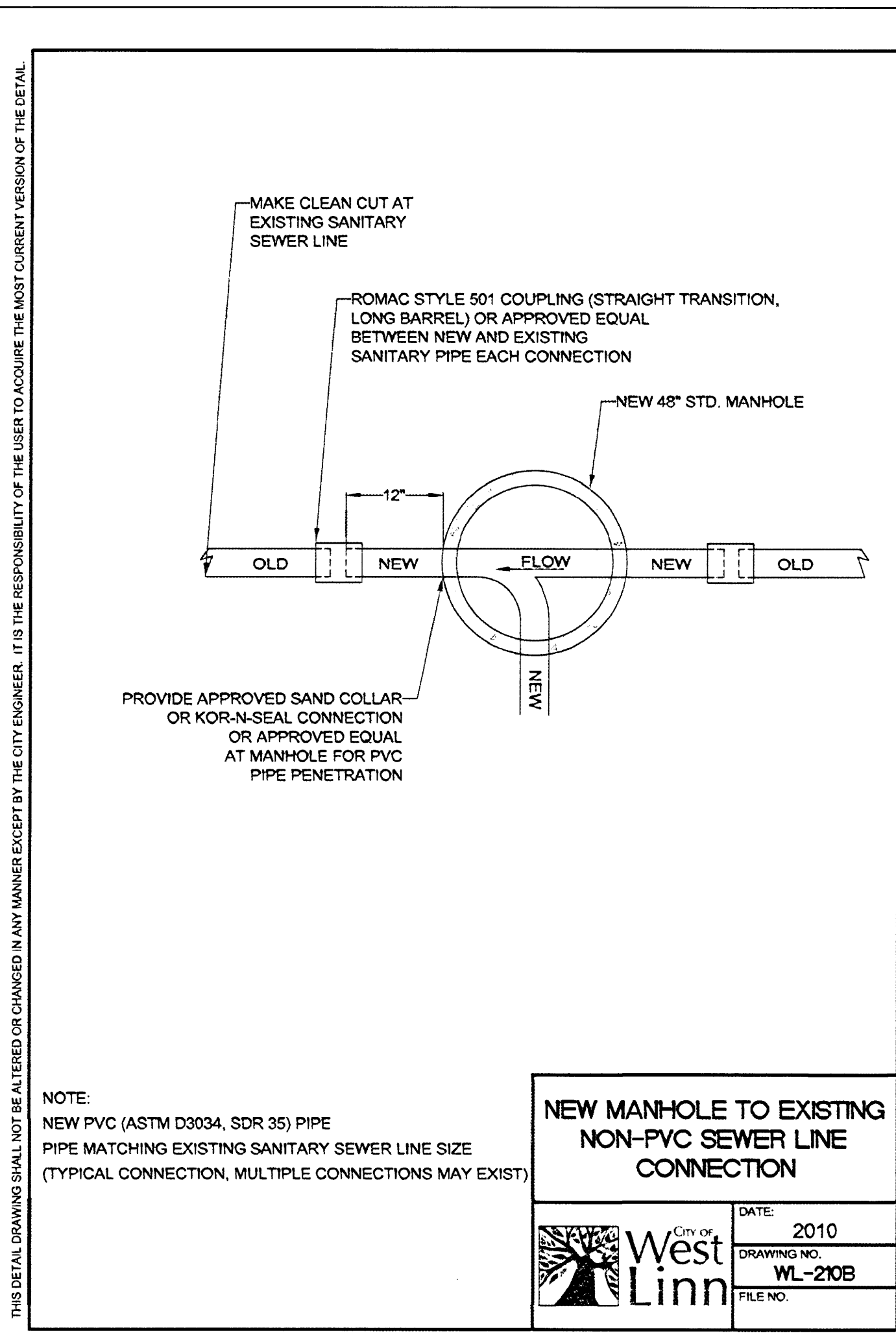
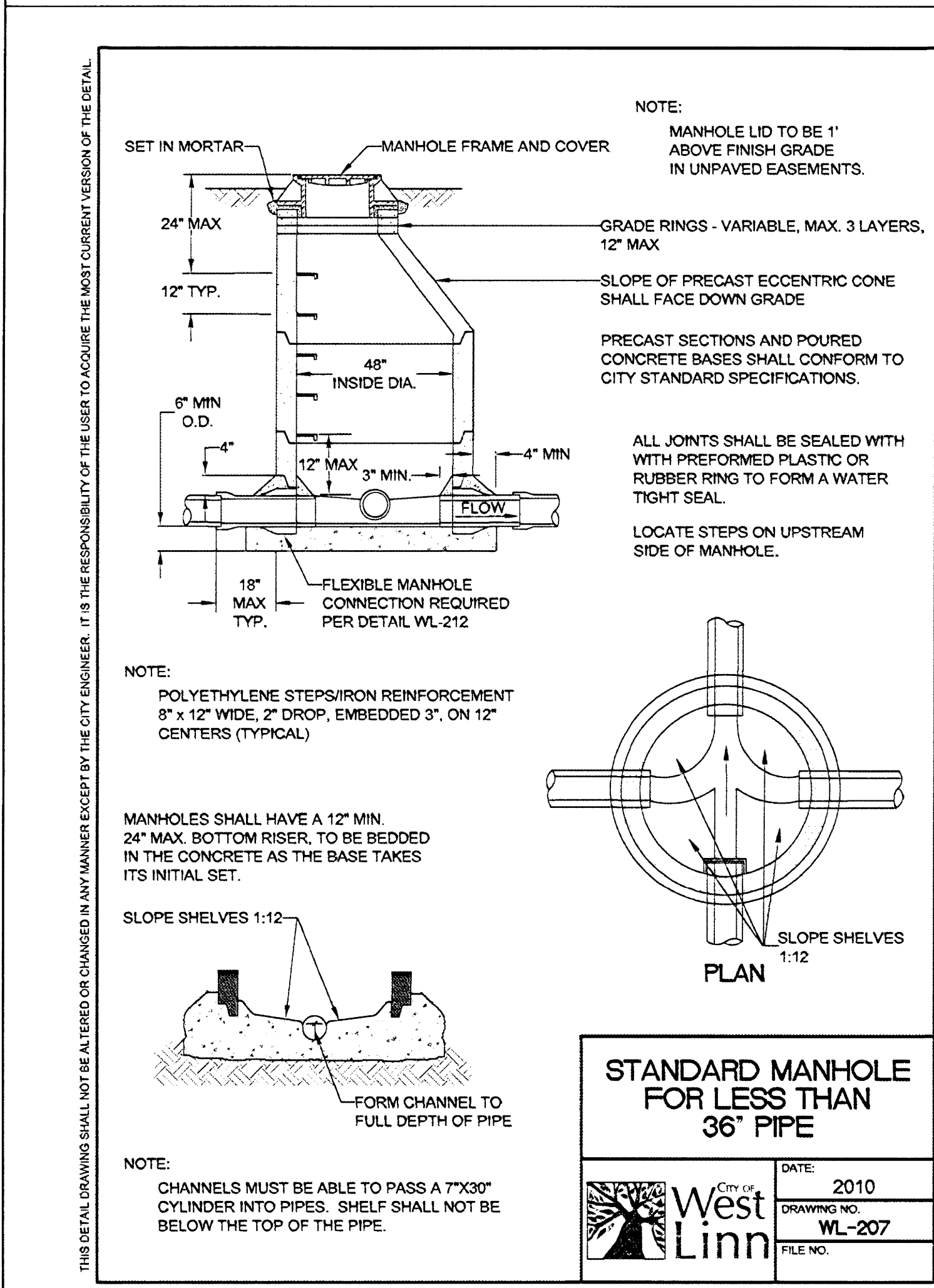
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Client	WEST LINN-WILSONVILLE SCHOOL DISTRICT		
Project	ERICKSON PROPERTY UTILITY IMPROVEMENTS		
Title	UTILITY PLAN		
Scale	AS SHOWN	Contract No. 8410015	
Drawn	STS	Designer STS	
Drafting Check		Design Check	
Approved (Project Director)			
Date	6/14/2013		
This Drawing must not be used for Construction unless Signed and Sealed as Approved			
Drawing No.		Original Size Arch E1	
C1		Rev.	
Sht		1 of 3	

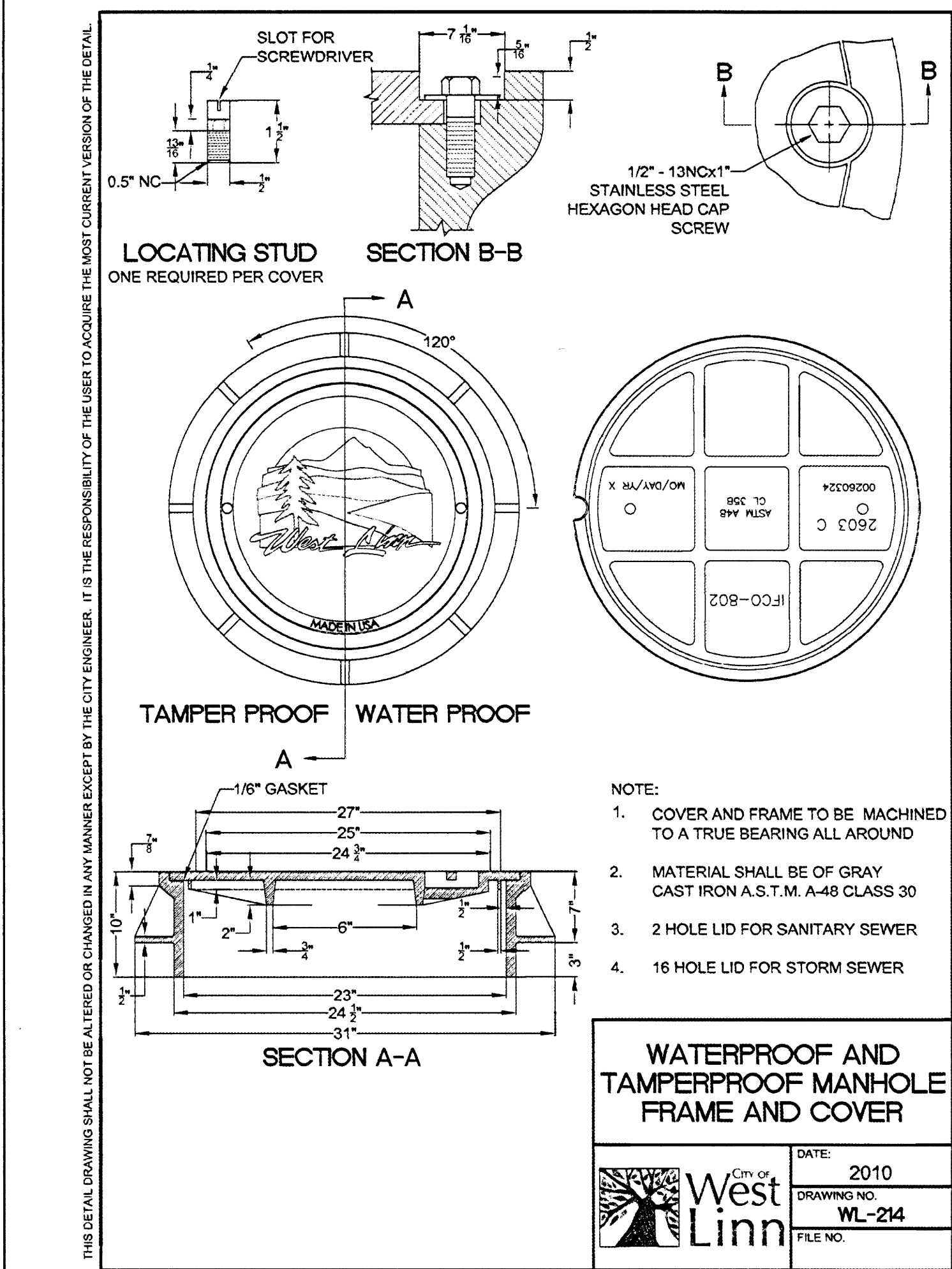


1 CITY OF WEST LINN
STANDARD MANHOLE
SCALE: NONE

2 CITY OF WEST LINN
MANHOLE CONNECTION TO EXISTING PIPE
SCALE: NONE

3 CITY OF WEST LINN
MANHOLE BASE
SCALE: NONE

4 CITY OF WEST LINN
FLEXIBLE MANHOLE CONNECTION
SCALE: NONE



5 CITY OF WEST LINN
MANHOLE FRAME & COVER
SCALE: NONE

-	RECORD DRAWINGS	-		12/2/13
No.	Revision	Drawn	Job Manager	Project Director

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Client **WEST LINN-WILSONVILLE SCHOOL DISTRICT**
Project **ERICKSON PROPERTY UTILITY IMPROVEMENTS**

Title **DETAILS**

Scale	AS SHOWN	Contract No.	8410015
Drawn	STS	Designer	STS
Drafting Check		Design Check	

Approved (Project Director)
Date 6/14/2013

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C3	Rev.
Sht 3 of 3	