# ONEIL TENTATIVE SUBDIVISION

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ASSESSOR'S MAP 063W23DA TAX LOTS 01800 MARION COUNTY, KEIZER, OREGON CLIENT: CRAIG WIGGINTON

DATE: 4/11/2022

SITE MAP SCALE: NOT TO SCALE

# PROJECT TEAM:

OWNER/APPLICANT: CRAIG WIGGINTON 8015 ONEIL ROAD NE KEIZER, OREGON 97303

GREG J. ZARTMAN, PE LEI ENGINEERING & SURVEYING OF OREGON, LLC 2564 19TH ST. SE SALEM, OREGON 97302

SURVEYOR: LARRY M. ALLEN, PLS LEI ENGINEERING & SURVEYING OF OREGON, LLC 2564 19TH ST. SE SALEM, OREGON 97302

**PROPERTY DESCRIPTION:** TAX LOT 01800 MARION COUNTY TAX MAP 063W23DA. LOCATED IN THE NE 1/4 OF THE SE 1/4 OF SECTION 23, TOWNSHIP 6 SOUTH, RANGE 3 WEST, WILLAMETTE MERIDIAN, MARION COUNTY,

BENCHMARK/BASIS OF BEARING: VERTICAL DATUM: ELEVATIONS ARE BASED ON MARION COUNTY BENCHMARK 2120, BEING A 2" ALUMINUM CAP, BENCHMARK  $ELEVATION = 181.83^{\circ}$  (NGVD29).

	SHEET LIST		
NUMBER	SHEET TITLE		
1	COVER		
2	GENERAL NOTES		
3	EXISTING CONDITIONS & DEMOLITION PLAN		
4	DIMESIONAL SUBDVISION PLAN		
5	TREE INVENTORY		
5	GRADING,DRAINAGE AND PAVING, UTILITY PLAN		

HORIZONTAL DATUM:

LOCAL ASSUMED.

BASIS OF BEARING:

SOUTH LINE OF LOT.



## NOTES:

### IMPROVED AREAS

- COUNTY AND STATE OF OREGON.
- CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION.
- ALL MATERIALS AND WORKMANSHIP FOR FACILITIES IN STREET RIGHT-OF-WAY OR EASEMENTS SHALL CONFORM TO APPROVING AGENCIES' CONSTRUCTION SPECIFICATIONS WHEREIN EACH HAS JURISDICTION INCLUDING BUT NOT LIMITED TO THE CITY, COUNTY, OF THE CONTRACTOR PRIOR TO ACCEPTANCE OF THE UTILITY. SUCH TRENCHES SHALL BE CLOSED BEFORE THE END OF OREGON HEALTH DIVISION (OHD), THE OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ), AND THE OREGON DEPARTMENT OF DAY AND NORMAL TRAFFIC FLOWS RESTORED. TRANSPORTATION (ODOT)
- UNLESS OTHERWISE APPROVED BY THE ENGINEER, CONSTRUCTION OF ALL PUBLIC FACILITIES SHALL BE DONE BETWEEN 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH FRIDAY.
- THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE APPROVED 39. STORM SEWER PIPE MATERIALS SHALL CONFORM TO THE CONSTRUCTION DRAWINGS AND CITY REQUIREMENTS. CONSTRUCTION DRAWINGS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND PROVIDE A COMPLETED PROJECT
- CONTRACTOR TO NOTIFY CITY AND ALL UTILITY COMPANIES A MINIMUM OF 48 BUSINESS HOURS (2 BUSINESS DAYS) PRIOR TO START 41. CATCH BASINS AND JUNCTION BOXES SHALL BE SET SQUARE WITH BUILDINGS OR WITH THE EDGE OF THE PARKING LOT OF CONSTRUCTION AND COMPLY WITH ALL OTHER REQUIREMENTS OF ORS 757.541 TO 757.571.
- ANY INSPECTION BY THE CITY OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES, OR STANDARD SPECIFICATIONS 42. UNLESS OTHERWISE APPROVED BY THE ENGINEER, ALL STORM DRAIN CONNECTIONS SHALL BE BY MANUFACTURED WYES. FOR CONSTRUCTION.
- CONTRACTOR SHALL ERECT AND MAINTAIN BARRICADES, WARNING SIGNS, AND CONES PURSUANT TO CITY REQUIREMENTS IN GUIDELINES AND OSPSC. ACCORDANCE WITH THE MUTCD (INCLUDING OREGON AMENDMENTS). ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. ALL TRAFFIC CONTROL MEASURES SHALL BE APPROVED AND IN PLACE PRIOR TO ANY CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF APPROVED DRAWINGS ON THE CONSTRUCTION SIGHT AT ALL TIMES WHEREON HE WILL RECORD ANY APPROVED DEVIATIONS IN CONSTRUCTION FROM THE APPROVED DRAWINGS, AS WELL AS THE 45. CONTRACTOR SHALL CONDUCT DEFLECTION TEST OF FLEXIBLE STORM SEWER PIPELINES BY PULLING APPROVED MANDR STATION LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES ENCOUNTERED. THESE FIELD RECORD DRAWINGS SHALL BE KEPT UP TO THE COMPLETED PIPE LINE FOLLOWING TRENCH COMPACTION. THE DIAMETER OF THE MANDREL SHALL BE 95% OF THE DATE AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION BY THE CITY OR ENGINEER UPON REQUEST. FAILURE TO CONFORM TO DIAMETER. TEST SHALL BE CONDUCTED NOT MORE THAN 30 DAYS AFTER THE TRENCH BACKFILLING AND COMPACTION THIS REQUIREMENT MAY RESULT IN DELAY OF PAYMENT AND/OR FINAL ACCEPTANCE OF THE PROJECT.
- ). UPON COMPLETION OF CONSTRUCTION OF PUBLIC FACILITIES THE CONTRACTOR SHALL SUBMIT A CLEAN SET OF FIELD RECORD 46. CONTRACTOR SHALL CONDUCT TV INSPECTION OF ALL STORM DRAIN PIPE AND PROVIDE A COPY OF THE TV REPORT TO T DRAWINGS CONTAINING ALL AS-BUILT INFORMATION TO THE ENGINEER FOR USE IN THE PREPARATION OF AS-BUILT DRAWINGS FOR AND THE CITY FOR REVIEW. SUBMITTAL TO THE CITY. ALL INFORMATION SHOWN ON THE CONTRACTOR'S FIELD RECORD DRAWINGS SHALL BE SUBJECT TO VERIFICATION BY THE ENGINEER. IF SIGNIFICANT ERRORS OR DEVIATIONS ARE NOTED BY THE ENGINEER, AN AS-BUILT SURVEY 47. CONCRETE AND PIPE PIPE SHALL BE LAID WITH RUBBER RING JOINTS. ALL STORM PIPE JOINTS SHALL BE WATERTIGHT REG. PREPARED AND STAMPED BY A REGISTERED PROFESSIONAL LAND SURVEYOR SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL SUBMIT A SUITABLE MAINTENANCE BOND PRIOR TO FINAL PAYMENT WHERE REQUIRED BY PUBLIC AND/OR 48. MINIMUM COVER ON STORM LINES IS 36" FROM THE TOP OF THE PIPE TO FINISH GRADE. BACKFILL MUST BE COMPACTED PRIVATE AGENCIES HAVING JURISDICTION
- 12. CONTRACTOR ARE RESPONSIBLE FOR PROVIDING NOTIFICATIONS AND WORK COORDINATION TO ADJACENT PROPERTIES, INCLUDING REQUIRED OFF-SITE CONSTRUCTION WORK.
- . DURING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR QUESTIONS RELATED AND POSSIBLE MODIFICATIONS TO THE APPROVED PLANS AND PROJECT LIMITS TO COMPLY WITH THE CITY'S REQUIREMENTS. THE ENGINEER SHALL SUBMIT PLAN 50. MANDREL TESTING: CONTRACTOR SHALL CONDUCT DEFLECTION TEST OF FLEXIBLE STORM DRAIN PIPES (I.E. HDPE, PI MODIFICATIONS DUBING CONSTRUCTION TO THE CITY OF APPROVAL PRIOR TO START WORK

#### TESTING AND INSPECTION:

4. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED OR NECESSARY INSPECTIONS ARE COMPLETED BY THE 51. CLEANING: PRIOR TO MANDREL TESTING OR FINAL ACCEPTANCE, FLUSH AND CLEAN ALL DRAINS, AND REMOVE ALL FOREI ENGINEER AND COORDINATE CONSTRUCTION SCHEDULES WITH THE CITY'S ENGINEERING DIVISION SUCH THAT THE CITY'S INSPECTOR FROM THE MAINLINES MANHOLES AND CATCH BASINS. CAN BE PRESENT FOR OBSERVATIONS THAT REQUIRES THE CITY'S PRESENCE PRIOR TO PROCEEDING WITH SUBSEQUENT WORK WHICH COVERS, OR IS DEPENDENT ON, THE WORK TO BE INSPECTED. FAILURE TO OBTAIN NECESSARY INSPECTION(S) AND APPROVAL(S) SHALL 52. STORM DRAIN PIPE SHALL BE AS SHOWN ON THE PLANS. RESULT IN THE CONTRACTOR BEING FULLY RESPONSIBLE FOR ALL PROBLEMS ARISING FROM UNINSPECTED WORK. CONTRACTOR MUST UNCOVER ANY WORK COMPLETED AND BACKFILLED WITHOUT PROPER INSPECTIONS AND APPROVAL BY CITY STAFF.

#### EXISTING UTILITIES & FACILITIES:

- AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES WHERE NEW FACILITIES CROSS. CONTRACTOR SHALL BE RESPONSIBLE FOR EXPOSING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY 56. EXISTING SANITARY SEWER SERVICE LATERALS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR SHALL GRADE MODIFICATIONS WITHOUT DELAYING THE WORK. IF GRADE MODIFICATION IS NECESSARY, CONTRACTOR SHALL NOTIFY THE TV INSPECTION OF ALL EXISTING SANITARY SEWER LINES TO BE REPLACED TO DETERMINE THE ACTUAL LOCATION OF EA DESIGN ENGINEER, AND THE DESIGN ENGINEER SHALL OBTAIN APPROVAL FROM THE CITY PRIOR TO CONSTRUCTION. ALL UTILITY CROSSINGS SHALL BE POTHOLED AS NECESSARY PRIOR TO EXCAVATING OR BORING TO ALLOW THE CONTRACTOR TO PREVENT GRADE OR ALIGNMENT CONFLICTS.
- 18. ALL EXISTING FACILITIES SHALL BE MAINTAINED IN PLACE BY THE CONTRACTOR UNLESS OTHERWISE SHOWN OR DIRECTED. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND 58. ALL PRECAST MANHOLES SHALL BE PROVIDE WITH INTEGRAL RUBBER BOOTS. WHERE MANHOLES WITH INTERNAL RUBBER other facilities at all times during construction. The contractor is to leave existing facilities in an equal or better not used, a flexible joint shall be provided on all mainlines within 1.5 feet of the outside face of the THAN ORIGINAL CONDITION. AND ALSO TO THE SATISFACTION OF THE ENGINEER.
- 19. UTILITIES, OR INTERFERING PORTIONS OF THE UTILITIES, THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO 59. OPENINGS FOR CONNECTIONS TO EXISTING MANHOLES SHALL BE MODE BY SAW CUTTING OR CORE-DRILLING EXISTIN THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF ABANDONED STRUCTURES. USE OF PNEUMATIC JACKHAMMERS SHALL BE PROHIBITED. CONNECTIONS TO BE WATERTIGHT AND SHALL UTILITIE
- 20. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS, MAILBOXES, FENCES, LANDSCAPING, ETC., AS REQUIRED TO AVOID DAMAGE DURING CONSTRUCTION AND REPLACE THEM TO EXISTING, OR BETTER, CONDITION.
- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.
- GRADING, PAVING & DRAINAGE:
- AASHTO T-180 TEST METHOD (MODIFIED PROCTOR). SUBGRADE MUST BE INSPECTED AND APPROVED BY THE ENGINEER AND CITY STAFF DIAMETER. TEST SHALL BE CONDUCTED NOT MORE THAN 30 DAYS AFTER THE TRENCH BACKFILLING AND COMPACTION PRIOR TO PLACING EMBANKMENTS, ENGINEERED FILLS OR FINE GRADING FOR BASE ROCK.
- 23. ALL FILLS SHALL BE ENGINEERED EXCEPT FOR FILLS LESS THAN 18 INCHES IN DEPTH WHICH ARE LOCATED OUTSIDE THE PUBLIC 63. UPON COMPLETION OF ALL SEWER CONSTRUCTION, TESTING AND REPAIR, THE CONTRACTOR SHALL CONDUCT RIGHT-OF-WAY . BUILDING PADS, PARKING LOTS OR OTHER AREAS TO BE IMPROVED. ENGINEERED FILLS SHALL BE CONSTRUCTED IN 6" ACCEPTANCE INSPECTION OF ALL MAINLINES IN ACCORDANCE WITH APWA 303.3.11. THE TV INSPECTION SHALL BE CONDU LIFTS OVER APPROVED SUBGRADE. EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PURSUANT TO AASHTO T-180 TEST METHOD (MODIFIED PROCTOR).
- 24. CRUSHED ROCK SHALL CONFORM TO THE REQUIREMENTS OF SECTION 00641.44 (SHAPING AND COMPACTING) OREGON STANDARD PIPE IMMEDIATELY PRIOR TO INITIATION OF THE TV INSPECTION. THE CD AND WRITTEN REPORT SHALL BE DELIVERED TO SPECIFICATIONS, AND SECTION 006-10 OF THE 2002 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION 2015. COMPACT TO 95% REPORT SHALL BE DONE BY AN APPROVED CITY OF WOODBURN PROGRAM. CONTACT CITY OF WOODBURN FOR APPROVED OF THE MAXIMUM DRY DENSITY PURSUANT TO AASHTO T-180 TEST METHOD. WRITTEN COMPACTION TEST RESULTS FROM AN PRIOR TO TV INSPECTION. INDEPENDENT TESTING LABORATORY MUST BE RECEIVED BY THE ENGINEER PRIOR TO PLACING ASPHALT PAVEMENT.
- 25. ASPHALT PAVEMENT SHALL CONFORM TO SECTION 00744 (ASPHALT CONCRETE PAVEMENT) OF OREGON STANDARD SPECIFICATIONS COMPACTED TO A DENSITY NO LESS THAN 92% IN IMPROVED OR STRUCTURAL FILL AREAS. MINIMUM COMPACTION IN UN FOR CONSTRUCTION 2015, LEVEL 3. ASPHALT CONCRETE PAVEMENT SHALL BE COMPACTED TO A MINIMUM OF 92% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T 209 TEST METHOD.
- 26. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADE ELEVATIONS AND/OR 65. ALL SANITARY SERVICE LATERAL CONNECTIONS AT THE MAIN ARE TO BE TEES UNLESS OTHERWISE NOTED. FINISH CONTOUR LINES SHOWN.
- PLANE JOINTS (GRIND AND INLAY) WITH EXISTING PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH , FREE DRAINING SURFACE.
- 28. ALL EXISTING OR CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA OR MEDIAN STRIP WHEREIN THEY LIE. 67. SANITARY SEWER TV REPORTS SHALL BE RECORDED VIDEO INSPECTION USING THE LATEST VERSION OF NASSCO'S
- 29. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO CUT OR FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 2H:1V.
- 30. ALL PLANTER AREAS SHALL BE BACKFILLED WITH APPROVED TOP SOIL MINIMUM 12" THICK. STRIPPING MATERIALS SHALL NOT BE USED FOR PLANTER BACKFILL.
- 31. CONTRACTOR SHALL SEED AND MULCH ALL EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT SCHEDULED TO BE LANDSCAPED.

### CURBS & SIDEWALKS:

- ADA REQUIREMENTS AT THE TIME OF CONSTRUCTION, AS SHOWN ON PLANS. ALL INSPECTIONS/PLANS CHANGES ARE DONE BY THE ENGINEER AND SUBMITTED TO THE CITY PRIOR TO PROJECT FINAL APPROVAL
- 3. Sidewalks shall be a minimum of 4 inches thick. Driveways shall be a minimum 8 inches thick all sidewalks and DRIVEWAYS SHALL BE CONSTRUCTED USING 3300 PSI CONCRETE. THE SAWCUT LINES SHOWN ON THE DRAWINGS ARE SCHEMATIC AND NOT INTENDED TO SHOW THE EXACT ALIGNMENT OF SUCH CUTS.
- 34. WHERE WORK EXCAVATION REQUIRES REMOVAL OF P.C.C. CURBS AND/OR SIDEWALKS, THE CURBS AND/OR SIDEWALKS SHALL BE SAWCUT AND REMOVED AT AN EXISTING JOINT UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.

#### PIPED UTILITIES:

35. ALL PIPES SHALL BE BEDDED WITH MINIMUM 6 INCHES OF 3/4" MINUS CRUSHED ROCK BEDDING AND BACKFILLED WITH COMPACTED 74. CONTRACTOR SHALL INSTALL TEMPORARY PLUG AND BLOWOFF AS REQUIRED AT THE END OF WATERLINE OR OTHER LOC 3/4" MINUS CRUSHED ROCK IN THE PIPE ZONE (CRUSHED ROCK SHALL EXTEND A MINIMUM OF 12 INCHES OVER THE TOP OF THE PIPE IN ALL CASES). CRUSHED ROCK TRENCH BACKFILL SHALL BE USED WITHIN THE PUBLIC RIGHT OF WAY AND UNDER ALL OTHER

- CONTRACTOR SHALL PROCURE AND CONFORM TO ALL CONSTRUCTION PERMITS REQUIRED BY THE CITY OF WOODBURN, MARION 36. ALL PIPED UTILITIES ABANDONED IN PLACE SHALL HAVE ALL OPENINGS CLOSED WITH CONCRETE PLUGS WITH A MINIM EQUAL TO 2 TIMES THE DIAMETER OF THE ABANDONED PIPE.
  - 37. ALL UNDERGROUND PIPING SHALL HAVE AN ELECTRICALLY CONDUCTIVE INSULATED 12 GAUGE COPPER TRACER WIRE THE F OF THE INSULATED PIPE LISING BLUE WIRE FOR WATER PIPING AND A GREEN WIRE FOR STORM AND SANITARY SEWER SHALL BE EXTENDED UP INTO ALL VALVE BOXES, MANHOLES, AND CATCH BASINS, ALL TRACER WIRE SHALL BE TESTED AT
  - 38. NO TRENCHES IN ROADS OR DRIVEWAYS SHALL BE LEFT IN AN OPEN CONDITION OVERNIGHT.

#### STORM DRAIN SYSTEM:

- 40. STORM DRAIN PIPE SHALL BE AS SHOWN ON THE PLANS.
- WHEREIN THEY LIE. STORM DRAIN INLET STRUCTURES AND PAVING SHALL BE ADJUSTED SO WATER FLOWS INTO THE WITHOUT PONDING WATER
- 43. UNLESS OTHERWISE SHOWN OR DIRECTED, INSTALL STORM SEWER PIPE IN ACCORDANCE WITH MANUFACTURERS
- 44. PRIOR TO MANDREL TESTING OR FINAL ACCEPTANCE, FLUSH AND CLEAN ALL STORM DRAINS, AND REMOVE ALL FOREIL FROM THE MAINLINES. MANHOLES AND CATCH BASINS.
- COMPLETED.
- SPECIFIED OR SELECTED MATERIAL.
- NON-STRUCTURAL FILL AREA IS 90% COMPACTION IS TO BE PER AASHTO T-180. LINES WITH LESS THAN 36" COVER REINFORCED CONCRETE. WHEN INSTALLED IN TRAFFIC AREAS PROVIDE A CONCRETE CAP.
- 49. THE LOCATIONS AND/OR STATIONING AND THE DEPTH FROM THE INVERT FROM THE TOP OF CURB TO THE INVERT ELEVA STORM DRAIN LATERALS SHALL BE RECORDED BY THE CONTRACTOR AND PROVIDED TO THE ENGINEER.
- PULLING AN APPROVED MANDREL THROUGH THE COMPLETED PIPE LINE FOLLOWING TRENCH COMPACTION. THE DIAME MANDREL SHALL BE 95% OF THE INITIAL PIPE DIAMETER, TEST SHALL BE CONDUCTED NOT MORE THAN 30 DAYS AFTER BACKEILLING AND COMPACTION HAS BEN COMPLETED

- 53. CONCRETE AND PIPE PIPE SHALL BE LAID WITH RUBBER RING JOINTS. ALL STORM PIPE JOINTS SHALL SE WATERTIGHT REG. SPECIFIED OR SELECTED MATERIAL.
- 54. MINIMUM COVER ON STORM LINES IS 36" FROM THE TOP OF THE PIPE TO FINISH GRADE. BACKFILL MUST BE COMPACTED T 5. THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE COMPILED FROM AVAILABLE RECORDS COMPACTION IS TO BE PURSUANT TO AASHTO T-180. LINES WITH LESS THAN 36" COVER SHALL BE REINFORCED CONC INSTALLED IN TRAFFIC AREAS PROVIDE A CONCRETE CAP.
- 16. THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY 55. THE LOCATION AND/OR STATIONING AND THE DEPTH FROM THE INVERT FROM THE TOP OF CURB TO THE INVERT ELEVA

# SANITARY SEWER SYSTEM:

- LATERAL. TV REPORTS SHALL BE MADE AVAILABLE TO BOTH THE CITY AND THE ENGINEER PRIOR TO ANY CONSTRUCTION ACT
- 57. UNLESS OTHERWISE SHOWN, SANITARY SEWER PIPE SHALL BE PIPE IN CONFORMANCE WITH ASTM D-3034, SDR 35. APPURTENANCES AND INSTALLATION TO CONFORM TO THE CITY SPECIFICATIONS AND STANDARD DRAWINGS.
- LOCKDOWN LIDS REQUIRED ON ALL MANHOLES OUTSIDE OF PUBLIC RIGHT-OF-WAY.
- SMOOTH FLOW INTO THROUGH THE MANHOLE. SMALL CHIPPING HAMMERS OR SIMILAR LIGHT TOOLS WHICH WILL NO CRACK THE MANHOLE BASE MAY BE USED TO SHAPE CHANNELS OR ENLARGE EXISTING OPENINGS IF AUTHORIZED BY CITY E
- 60. LEAKAGE TESTING: SANITARY SEWER PIPE AND APPURTENANCES SHALL BE TESTED FOR LEAKAGE. LEAKAGE TESTS SHALL AIR TEST OF ALL SEWER MAINS AND LATERALS AND VACUUM TESTING OF THE MANHOLES IN ACCORDANCE WITH CITY OF PROCEDURES.
- 61. CLEANING: PRIOR TO MANDREL TESTING AND/OR TV INSPECTION, FLUSH AND CLEAN ALL SEWER OF ALL FOREIGN MATERIA MAINLINES AND MANHOLES.
- 62. CONTRACTOR SHALL CONDUCT DEFLECTIONS TEST OF FLEXIBLE SANITARY SEWER PIPES BY PULLING AN APPROVED MANDR 2. IMMEDIATELY FOLLOWING STRIPPING OPERATIONS, COMPACT SUBGRADE TO 95% OF THE MAXIMUM DRY DENSITY PURSUANT TO THE COMPLETED PIPE LINE FOLLOWING TRENCH COMPACTION. THE DIAMETER OF THE MANDREL SHALL BE 95% OF THE COMPLETED.
  - APPROVED TECHNICAL SERVICE WHICH IS EQUIPPED TO MAKE AUDIOVISUAL RECORDINGS OF THE TV INSPECTIONS ON OTHERWISE REQUIRED BY AGENCY WITH JURISDICTION, A STANDARD 1" DIAMETER BALL SHALL BE SUSPENDED IN FI CAMERA DURING THE INSPECTION. SUFFICIENT WATER TO REVEAL LOW AREAS OR REVERSE GRADES SHALL BE DISCHARG
  - 64. MINIMUM COVER ON PUBLIC SANITARY SEWER LINES IS 36" FROM THE TOP OF THE PIPE TO FINISH GRADE. BACKFI STRUCTURAL FILL AREAS IS 90% COMPACTIONS TO BE AASHTO T-180. MAXIMUM COMPACTION TEST SPACING OVER PUBL LINES IS 150'.
- 66. MAINTAIN MINIMUM 10 FOOT HORIZONTAL CLEAR DISTANCE BETWEEN WATER AND SANITARY SEWER LINES EXCEPT AT 27. FINISH PAVEMENT GRADES AT TRANSITION FROM NEW TO EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES USING COLD LINES. PIPE C-900 PIPE SHALL BE USED (FOR SEWER) 10 FEET ON EITHER SIDE OF THE CROSSING WHEN THE CLEA BETWEEN THE WATER LINE AND SANITARY SEWER IN IS LESS THAN 18 INCHES.
  - FURNISH RECORDINGS ON NASSCO PACP/MACP PROGRAM AND INVENTORY SHEETS ON CD INCLUDING A TEST FILE TO IN PROJECT NUMBER AND NAME, DATE OF INSPECTION, PIPE SEGMENT NUMBER, CONTRACTOR'S NAME AND WET PRE-CONSTRUCTION OR POST-CONSTRUCTION VIDEO, FILENAMES, AND DESCRIPTION OF THE FILE CONTENTS.

# STREET LIGHTING:

- 68. STREET LIGHTING SHALL COMPLY WITH CITY AND PGE REQUIREMENTS UNDER PGE'S OPTION B FOR STREETLIGHT INSTALLAT WATER SYSTEM:
- 32. CONTRACTOR SHALL CONSTRUCT HANDICAP ACCESS RAMPS AT ALL INTERSECTIONS AND SIDEWALKS IN ACCORDANCE WITH CURRENT 69. ALL WATER MAINS SHALL BE CLASS 52 DUCTILE IRON PIPE. ALL FITTINGS 4 INCHES THROUGH 24 INCHES IN DIAMETE DUCTILE IRON FITTINGS IN CONFORMANCE WITH AWWA C-153 OR AWWA C-110. THE MINIMUM WORKING PRESSURE FOR A IRON OR DUCTILE IRON FITTINGS 4 INCHES THROUGH 24 INCHES IN DIAMETER SHALL BE 350 PSI FOR MJ FITTINGS AND 2 FLANGED FITTINGS.
  - 70. CITY FORCES TO OPERATE ALL VALVES, INCLUDING FIRE HYDRANTS, ON EXISTING PUBLIC MAINS.
  - 71. UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER, ALL VALVES SHALL BE FLANGE CONNECTED TO ADJACENT TEES OR
  - 72. WATER SERVICE PIPE ON THE PUBLIC SIDE OF THE METER SHALL BE TYPE K SOFT COPPER TUBING CONFORMING TO ASTM B-
  - 73. DOMESTIC AND FIRE BACKFLOW PREVENTION DEVICES AND VAULTS SHALL CONFORM TO REQUIREMENTS OF PUBLIC AND, AGENCIES HAVING JURISDICTION.
  - FLUSHING, TESTING, AND CHLORINATION AS NEEDED.

MUM LENGTH		EXISTING WATERLINES. IN NO CASE SHALL SERVICE TO ANY MAIN LINE OR BUILDING BE INTERRUPTED FOR MORE THAN FOUR (4) HOURS IN ANYONE DAY. CONTRACTOR SHALL NOTIFY THE CITY AND ALL AFFECTED RESIDENTS AND BUSINESSES A MINIMUM OF 24 BUSINESS HOURS (ONE (1) BUSINESS DAY) PRIOR TO ANY INTERRUPTIONS OF SERVICE.	105. ALL INSPEC PROJECT'S
FULL LENGTH TRACER WIRE THE EXPENSE EACH WORK	76.	SANITARY SEWER LATERAL CROSSINGS, WHERE SANITARY SEWER LINES CROSS ABOVE OR WITH 18-INCHES VERTICAL SEPARATION BELOW A WATERLINE, SEWER MAINS AND/OR LATERAL SHALL BE REPLACED WITH C-900 PIPE (DR 18) PIPE AT THE CROSSING. CENTER ONE FULL LENGTH (20) OF PIPE PIPE CONFORMING TO AWWA C-900 (DR 18) AT THE CROSSING. CONNECT TO THE EXISTING SEWER LINES WITH APPROVED RUBBER COUPLINGS.	106. THE OWNER TO THE CON 107. THE CONTR.
	77.	ALL WATER LINE PIPE SHALL HAVE A MINIMUM OF 36 INCHES OF COVER TO FINISH GRADE. BACKFILL MUST BE COMPACTED TO A DENSITY OF 92% IN IMPROVED OR STRUCTURAL FILL AREAS. MINIMUM COMPACTION IN UNPAVED NON-STRUCTURAL FILL AREAS IS 90% COMPACTED IS TO BE PER AASHTO T-180.	ADJACENT DURING, CC
	78.	ALL TEES, BENDS AND ENDS OF WATER LINES SHALL BE RETRAINED WITH MECHANICAL JOINTS, (MEGALUG SERIES 1100), OR APPROVED EQUAL. USE FIELD LOCK GASKETS IN ALL PUSH-ON PIPE JOINTS.	
DT OR STREET E STRUCTURE	79.	ALL WATER LINES SHALL BE THOROUGHLY FLUSHED AND CHLORINATED. POTABLE WATER TEST SHALL BE APPROVED BY THE OREGON STATE HEALTH DEPARTMENT AND CITY OF WOODBURN PRIOR TO ANY METERED SERVICE HOOKUP. CONTRACTOR SHALL INSTALL TEMPORARY PLUG AND BLOWOFF AS REQUIRED AT THE END OF WATERLINE FOR FLUSHING, TESTING AND CHLORINATION. WATER LINE DISINFECTION SHALL CONFORM TO AWWA C-601 AND CITY OF WOODBURN REQUIREMENTS.	
	80.	PROVIDE TRACE WIRE FOR ALL MAINS. ALL WATER MAINS SHALL BE RESTRAINED MECHANICAL JOINTS, FIELD-LOCK GASKET AND THRUST BLOCKS AS SPECIFIED. ALL FITTINGS SHALL BE RESTRAINED.	
INSTALLATION	PRI	IVATE UTILITIES:	
GN MATERIAL	81.	UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR APPROVED BY JURISDICTION HAVING AUTHORITY, ALL NEW PRIVATE UTILITIES (POWER, CABLE TV, TELEPHONE AND GAS) SHALL BE INSTALLED UNDERGROUND. INSTALLATION OF PRIVATE UTILITIES IN A COMMON TRENCH WITH WATER, SANITARY SEWER OR STORM SEWER IS PROHIBITED.	
E INITIAL PIPE N HAS BEEN	82.	CONTRACTOR SHALL NOTIFY AND COORDINATE WITH PRIVATE UTILITIES FOR RELOCATION OF POWER POLES, VAULTS, AND ALL OTHER WORK REQUIRED TO COMPLETE THE PROJECT.	
THE ENGINEER	ER(	OSION CONTROL: HOLD A PRE-CONSTRUCTION MEETING THAT INCLUDES THE INSPECTOR TO DISCUSS FROSION AND SEDIMENT CONTROL MEASURES AND	
GARDLESS OF	00.	CONSTRUCTION LIMITS.	
) IN UNPAVED, ER SHALL BE	84. 85.	THE ESC PLAN MUST BE KEPT UNSITE AT ALL TIMES WHEN WORK IS OCCURRING. THE ESC MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THE MEASURES MUST BE UPGRADED AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENT CONTROL BEGUINATIONS	
ATION OF ALL	86.	THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE FOLLOWED IN ORDER TO BEST MINIMIZE THE POTENTIAL FOR EROSION AND	
PIPE, ETC.) BY IETER OF THE		<ul> <li>SEDIMENTATION CONTROL PROBLEMS:</li> <li>FENCE OR FLAG AREAS TO BE PROTECTED OR LEFT UNDISTURBED DURING CONSTRUCTION</li> <li>INSTALL GRAVELED OR PAVED CONSTRUCTION ENTRANCES, EXITS, AND PARKING AREAS TO REDUCE THE TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS;</li> <li>CLEAR AND GRUB SUFFICIENTLY FOR INSTALLATION OF TEMPORARY ESC. BMPS:</li> </ul>	
GN MATERIAL		<ul> <li>INSTALL TEMPORARY ESC BMPS, CONSTRUCTING SEDIMENT TRAPPING BMPS AS ONE OF THE FIRST STEPS PRIOR TO GRADING;</li> <li>CLEAR, GRUB AND ROUGH GRADE FOR ROADS AND UTILITY LOCATIONS;</li> <li>CLEAR, GRUB AND GRADE INDIVIDUAL LOTS OR GROUPS OF LOTS;</li> <li>TEMPORARILY STABILIZE THROUGH RE-VEGETATION OR OTHER APPROPRIATE BMPS, LOTS OR</li> </ul>	
		GROUPS OF LOTS IN SITUATIONS WHERE SUBSTANTIAL CUT OR FILL SLOPES ARE A RESULT OF THE SITE GRADING;	
GARDLESS OF		<ul> <li>CONSTRUCT ROADS, BUILDINGS, PERMANENT STORM WATER FACILITIES (I.E. INLETS, PONDS, UIC FACILITIES, ETC.);</li> <li>PROTECT ALL PERMANENT STORM WATER FACILITIES UTILIZING THE APPROPRIATE BMPS;</li> </ul>	
TO A DENSITY REAS IS 90%.	79.	REMOVE TEMPORARY ESC CONTROLS WHEN PERMANENT STORM WATER FACILITIES HAVE BEEN INSTALLED, ALL LAND-DISTURBING ACTIVITIES HAVE CEASED, AND VEGETATION HAS BEEN ESTABLISHED IN THE AREAS NOTED ON THE ACCEPTED ESC PLAN.	
CRETE. WHEN	80.	RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT AND DURATION PRACTICAL.	
ATION OF ALL	81.	INSPECT ALL ROADWAYS ADJACENT TO THE CONSTRUCTION ACCESS ROUTE AT THE END OF EACH DAY. SIGNIFICANT AMOUNTS OF SEDIMENT THAT LEAVES THE CONSTRUCTION SITE MUST BE CLEANED UP WITHIN 24 HOURS AND STABILIZED BACK ON THE SITE OR PROPERLY DISPOSED. THE CAUSE OF SEDIMENT RELEASE MUST BE IDENTIFIED AND PREVENTED FROM CAUSING A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. VACUUMING OR DRY SWEEPING MUST BE USED TO CLEAN UP RELEASED SEDIMENT AND SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATER BODIES.	
L CONDUCT A EACH SERVICE	82.	COVER AND SECURE ALL DUMP TRUCK LOADS LEAVING THE CONSTRUCTION SITE TO MINIMIZE SPILLAGE ON ROADS.	
5. ALL OTHER	83. 84	RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.	
R BOOTS ARE THE MANHOLE,	85.	STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 CALENDAR DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 CALENDAR DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30).	
NG MANHOLE LL PROVIDE A	86.	PROTECT INLETS, DRY WELLS, CATCH BASINS AND OTHER STORM WATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE.	
t damage or Engineer.	87.	KEEP ROADS ADJACENT TO INLETS CLEAN.	
L INCLUDE AN F WOODBURN	88.	INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS. CLEAN OR REMOVE AND REPLACE INLET PROTECTION DEVICES BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.	
IAL FROM THE	89.	INSTALL SEDIMENT CONTROLS ALONG THE SITE PERIMETER ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE BEFORE COMMENCING EARTH DISTURBING ACTIVITIES.	
REL THROUGH	90.	WHENEVER POSSIBLE, CONSTRUCT STORM WATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHOULD BE OPERATIONAL BEFORE THE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.	
e initial pipe On has been	91.	STOCKPILE MATERIALS (SUCH AS TOPSOIL) ONSITE, KEEPING OFF OF ROADWAY AND SIDEWALKS.	
A COLOR TV	92.	COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCT, AND NON-INERT WASTES PRESENT ONSITE FROM VANDALISM. MAINTAIN A SUPPLY OF MATERIALS ON HAND TO ADDRESS AND CONTAIN SPILLS.	
i CD. UNLESS RONT OF THE GED INTO THE ) THE CITY. TV	93.	LOCATE DESIGNATED VEHICLE AND EQUIPMENT SERVICE AREAS, FUEL, AND MATERIALS AWAY FROM DRAINAGE INLETS, WATERCOURSES, AND CANALS. PROPERLY CONTAIN AREAS USING BERMS, SANDBAGS, OR OTHER BARRIERS. REGULARLY INSPECT AND MAINTAIN EQUIPMENT, ESPECIALLY FOR DAMAGED HOSES AND LEAKY GASKETS.	
/ED PROGRAM FILL MUST BE	94.	CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES (I.E. OIL CHANGES, FUEL TANK DRAIN DOWN, ETC) THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. PERFORM REPAIRS ONSITE USING TEMPORARY PLASTIC OR OIL ABSORBING BLANKETS BENEATH THE VEHICLE.	
NPAVED, NON LIC SANITARY	95.	DESIGNATE AN AREA FOR CLEANING PAINTING EQUIPMENT AND TOOLS. NEVER CLEAN BRUSHES OR RINSE CONTAINERS INTO THE STREET, GUTTER, DRAINAGE INLET, OR WATERWAY.	
	96.	APPLY LANDSCAPING OR AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORM WATER RUNOFF FACILITIES.	
T CROSSINGS. ITARY SEWER AR DISTANCE	97.	INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING STORM EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMPS.	
5 PACP/MACP. INDICATE THE THER IT IS A	98. GEI	REMOVE TEMPORARY ESC BMPS WITHIN 30 DAYS AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS. NERAL NOTES: CITY OF WOODBURN	
TIONS	99.	CONSTRUCTION OF ALL CITY-MAINTAINED WATERLINE FACILITIES INSTALLED BY THE APPLICANT'S CONTRACTOR SHALL COMPLY WITH CITY OF WOODBURN CURRENT STANDARD DETAILS AND TECHNICAL SPECIFICATIONS, INCLUDING TESTING AND DISINFECTION PROCEDURES. CONSTRUCTION OF THE WATERLINE FACILITIES SHALL ALSO COMPLY WITH THE PUBLIC WORKS APPROVED CONSTRUCTION PLANS	
ER SHALL BE	100.	THE SANITARY SEWER TV REPORTS SHALL BE RECORDED VIDEO INSPECTION USING THE LATEST VERSION OF NASSCO'S PACP/MACP. FURNISH RECORDING ON NASSCO PACP/MACP PROGRAM AND INVENTORY SHEETS ON CD INCLUDING A TEST FILE TO INDICATE THE PROJECT NUMBER AND NAME, DATE OF INSPECTION, PIPE SEGMENT NUMBER, CONTRACTOR'S NAME AND WHETHER IT IS A PRE-CONSTRUCTION OR POST-CONSTRUCTION VIDEO. FILENAMES. AND DESCRIPTION OF THE FILE CONTENTS.	
all IVIJ CAST 250 PSI FOR	101.	ADA RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE TO CURRENT ADA REQUIREMENTS AND CURRENT CITY OF WOODBURN REQUIREMENTS AT THE TIME OF CONSTRUCTION.	
CROSSES.	102.	WHERE EXCAVATION INCLUDES THE REMOVAL OF PCC CURB, AND OR SIDEWALKS, SAW CUT LINES SHALL BE PLACED IN THE NEXT CLOSEST JOINT.	
3-88. D/OR PRIVATE	103.	THE ENGINEER OF RECORD TEAM PROVIDE CONSTRUCTION INSPECTIONS AND COORDINATE CONSTRUCTION SCHEDULES WITH THE CITY'S ENGINEERING DIVISION SUCH THAT THE CITY'S INSPECTOR CAN BE PRESENT FOR OBSERVATIONS THAT REQUIRES THE CITY'S PRESENCE. DURING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD FOR QUESTIONS RELATED AND POSSIBLE MODIFICATIONS TO THE APPROVED PLANS AND PROJECT LIMITS TO COMPLY WITH ADA REQUIREMENTS. THE ENGINEER OF RECORD SHALL SUBMIT PLAN MODIFICATIONS DURING CONSTRUCTION TO THE CITY FOR APPROVAL PROPERTY.	
OCATIONS FOR	104.	UTILITY VAULTS, BOXES, POLES, AND PEDESTALS ARE NOT ALLOWED IN RAMPS AND SIDEWALKS. ADJUSTMENTS TO THE LOCATION OF UTILITIES MAY BE NECESSARY TO ENSURE THAT NONE OF THESE ARE IN THE CONSTRUCTED WALKS AND RAMPS AND COORDINATION	

75. THE WORK SHALL BE PERFORMED IN A MANNER DESIGNATED TO MAINTAIN WATER SERVICE TO BUILDINGS SUPPLIED FROM THE WITH THE UTILITY PROVIDER IS REQUIRED.

TION AND PLAN CHANGES SHALL BE PERFORMED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE CITY PRIOR TO THE FINAL APPROVAL. R/CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PROPERTY OWNERS AD ACENT TO WORK BEING PERFORMED PRIOR MMENCEMENT OF CONSTRUCTION ACTIVITIES. THIS CONDITION APPLIES TO BOTH ON-SITE AND OFF-SITE IMPROVEMENTS.

ACTOR SHALL CONSULT WITH A CERTIFIED ARBORIST FOR GUIDELINES ON THE PRESERVATION AND PROTECTION OF TREES TO CONSTRUCTION ACTIVITIES. AN ARBORIST REPORT SHALL BE PROVIDED TO THE CITY FOR EVALUATION PRIOR TO, OR ONSTRUCTION IF COMPLICATIONS ARISE.

> —VARIES —



PRIVATE STREET NOT TO SCALE (1) 3" LIFT HMAC OVFR 9" BASE COURSE (3/4" - 0) OVER SUITABLE COMPACTED SUBGRADE

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CE 55000 F					
EXPIRES 6-30-202	3				
BY AI					
REVISION					
NO. DATE					
O'NEIL ROAD SUBDIVISION	PARED FOR: CRAIG WIGGINTON				
2564 19TH STREET SE Salem, Oregon 97302 (503) 399-3828	www.leiengineering.com				
	OREGON				
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GENERAI NOTES	<u>'</u>				











	SPECIES	DBH	HEALIH	^SIGNIFICANI	REMOVE
10014	DF	35		X	X
10015	DF	25.5		X	v
10017	DF	23.3		X	
10017	DF	16		×	
10010		38		× ×	x x
10079	DE	21		× ×	× ×
10020	DE	30		X	x x
10021		32		X	x
10047	DF			x	~
10048	BC	8.5			x
10049	RC	6.5			X
10050	RC	6.5			X
10051	PP	13		X	x
10052	DF	10			x
10053	DF	7			x
10054	DF	8.5			x
10055	DF	15		X	x
10056	DF	8			x
10057	DF	6	DEAD		x
10058	DF	10	DEAD		x
10059	DF	8	DEAD		x
10060	DF	7	DEAD		X
10061	DF	8	DEAD		X
10062	DF	10	DEAD		X
10063	DF	10			X
10064	DF	10			X
10065	DF	9			X
10066	DF	10			X
10067	РВ	10			x
10133	СН	18		X	x
10134	AL	14		X	x
10135	RC	20		X	x
10136	AL	16		X	
10137	AL	14		X	
10138	AL	20		X	
10139	AL	8			
10140	AL	6			
10141	PP	7			X
10142	PP	9			X
10186	RO	40		Х	X
10206	RC	23		X	X
10207	DF	16		X	X
10208	DF	30		X	X
10209	DF	20		X	X
10210	DF	18		X	X
10211	DF	15		X	X
10212	PP	15		X	X
10213	DF	16		X	X
10214	PP	14		X	X
10215	<i>PP</i>	8			X
10216	<i>PP</i>	11			
10217	<u> </u>	13		X	
10210	<i>PP</i>	14		X	X
10203	UF	17		Å	λ

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\*SIGNIFICANT TREE IS DEFINED IN THE CITY OF KEIZER DEVELOPMENT CODE, SECTION 2.309, AS "TREES HAVING A HEIGHT OF MORE THAN FIFTY (50) FEET AND/OR HAVING A TRUNK WHOSE DIAMETER IS MORE THAN TWELVE (12) INCHES DIAMETER AT BREAST HEIGHT (DBH) (5 FEET ABOVE GROUND LEVEL).



- TREE SPECIES ABBREVIATIONS AL -ALDER
- CH CHERRY
- DF DOUGLAS-FIR PB - PAPER BIRCH
- PP PONDEROSA PINE
- RC RED CEDAR RO RED OAK WH WESTERN HEMLOCK
- WO WHITE OAK
- TREE MARKED FOR REMOVAL FOR ACCESS IMPROVEMENTS
- TREE MARKED FOR REMOVAL FOR BUILDING IMPROVEMENTS



