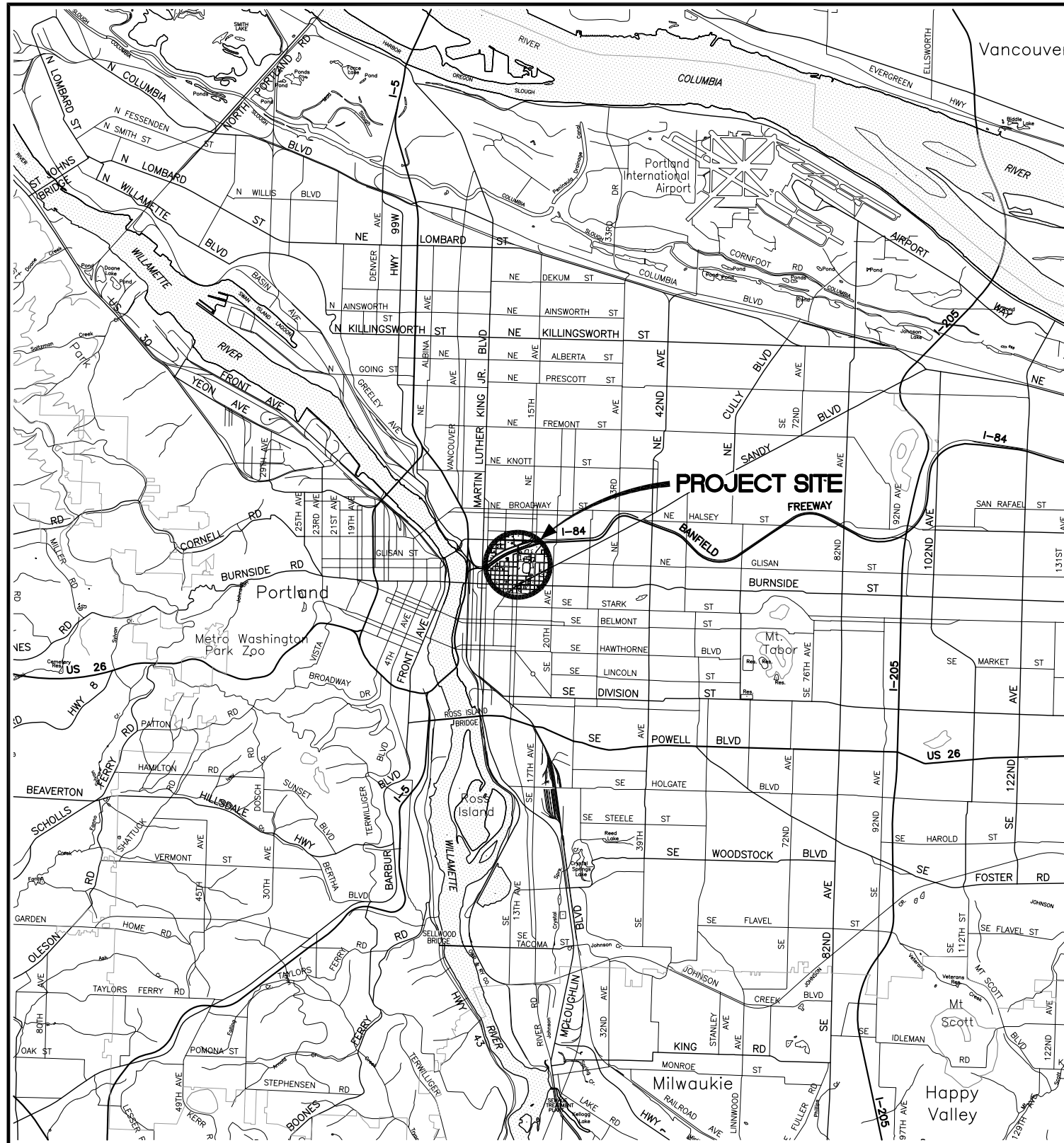


# OAK BASIN RELIEF AND RECONSTRUCTION



VICINITY MAP  
NOT TO SCALE



### GENERAL NOTES:

- EXISTING GRADES SHOWN ON PROFILES ARE TAKEN ALONG THE CENTERLINE STATIONED ALIGNMENT OF MAIN SEWER PIPE, ELEVATIONS PROVIDED BY THE CITY OF PORTLAND.
- ALL UTILITIES AND SERVICE LATERALS SHOWN ON PLANS ARE AT APPROXIMATE LOCATIONS ONLY AND MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO CONSTRUCTION.
- NOT ALL WATER AND GAS SERVICE LATERALS ARE SHOWN ON PLANS.
- CONSTRUCTION ALL 48" PRECAST CONCRETE MANHOLES PER STANDARD DRAWINGS P-150, P-151 & P-152 WITH MANHOLE STEPS PER STANDARD DETAIL P-168 UNLESS OTHERWISE NOTED.
- RECONSTRUCT SEWER SERVICE LATERALS TO CURB LINE UNLESS OTHERWISE DIRECTED BY ENGINEER. SERVICE LATERAL CONNECTIONS SHALL BE REESTABLISHED ON THE NEW MAIN SEWER LINE, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- RECONSTRUCTED SEWER LATERALS SHALL BE 6-INCH PVC, SDR-35 AT 2% SLOPE (MINIMUM) UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- RECONNECT EXISTING INLETS OR CATCH BASINS LEADS, UNLESS SHOWN OTHERWISE ON THE PLANS OR DIRECTED BY THE ENGINEER.
- ALL INLETS AND INLET PIPING SHALL BE PER STANDARD DRAWING RD365, TYPE G-1 AND 10" HDPE ASTM F714 SDR-26 OR 10" PVC ASTM D3034 DR-35 AT 2% SLOPE (MINIMUM), UNLESS OTHERWISE NOTED ON PLANS.
- CONFINED SPACE ENTRY REQUIRED FOR ALL MANHOLES AND VAULTS.
- CONTRACTOR TO PROVIDE SUPPORTS TO UTILITIES AS NEEDED TO PROTECT IN PLACE.
- PERFORM WORK WITHIN TEMPORARY CONSTRUCTION EASEMENTS WHERE SHOWN.
- CONSTRUCT INLET LEADS PER STANDARD DRAWING NO. P-150 UNLESS OTHERWISE APPROVED BY THE ENGINEER.

### NOTICE TO EXCAVATORS:

ATTENTION: 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 THE RULES BY CALLING THE CENTER.  
(NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS 503-232-1987).

POTENTIAL UNDERGROUND FACILITY OWNERS

**Dig Safely.**

Call the Oregon One-Call Center  
DIAL 811 or 1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS	
M-F 7am-6pm	503-226-4211 Ext.4313
AFTER HOURS	503-226-4211
PGE	503-464-7777
CENTURYLINK	1-800-573-1311
CITY BUREAU OF MAINTENANCE	503-823-1700
CITY WATER	503-823-4874
VERIZON	1-800-483-1000

### DIRECTIONS TO SITE:

**FROM WASHINGTON, INTERSTATE 5 SOUTH**  
I-5 S TOWARD PORTLAND  
SLIGHT RIGHT AT US-30 E (SIGNS FOR I-84 E/US-30 E/THE DALLES) 0.5 MI  
CONTINUE ONTO I-84 E 1.4 MI  
TAKE EXIT 1 FOR 33RD AVE 0.1 MI  
TURN RIGHT AT NE 33RD AVE 0.1 MI  
TURN RIGHT AT NE SANDY BLVD 0.9 MI  
TURN RIGHT AT NE 18TH AVE 0.2 MI  
TAKE THE 2ND LEFT ONTO NE IRVING ST  
DESTINATION WILL BE ON THE RIGHT 387 FT

**FROM SALEM, OR, INTERSTATE 5 NORTH**  
I-5 N TOWARD PORTLAND  
TAKE EXIT 302A FOR WEIDLER ST TOWARD ROSE QUARTER/BROADWAY 0.2 MI  
TURN RIGHT AT NE WEIDLER ST 0.2 MI  
TAKE THE 3RD RIGHT ONTO NE MARTIN LUTHER KING JR BLVD 0.5 MI  
TURN LEFT AT NE LLOYD BLVD 0.4 MI  
TURN RIGHT AT NE 12TH AVE 463 FT  
TAKE THE 1ST LEFT ONTO NE IRVING ST  
DESTINATION WILL BE ON THE LEFT 0.2 MI

CITY OF PORTLAND DATUM AND NAD 1983-91

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XREF(S) USED: EOXXXX_XGMAP		DESIGNED BY	DATE APPD.
ROTATION ANGLE: 0.00°		DRAWN BY	PROGRAM MGR.
CONSTRUCTED BY		CHECKED BY	CONST. MGR.
PROJECT COMPLETED		DESIGN MGR.	
MAP CORRECTED BY			
CHECKED BY			
DRAWING NAME: EOXXXX_G01			
NO.	DATE	DESCRIPTION	APPD.
REVISION			

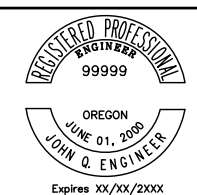
CITY OF PORTLAND  
**ENVIRONMENTAL SERVICES**

DAN SALTZMAN  
COMMISSIONER  
PUBLIC AFFAIRS

WILLIAM F. RYAN, P.E.  
CHIEF ENGINEER

APPROVAL

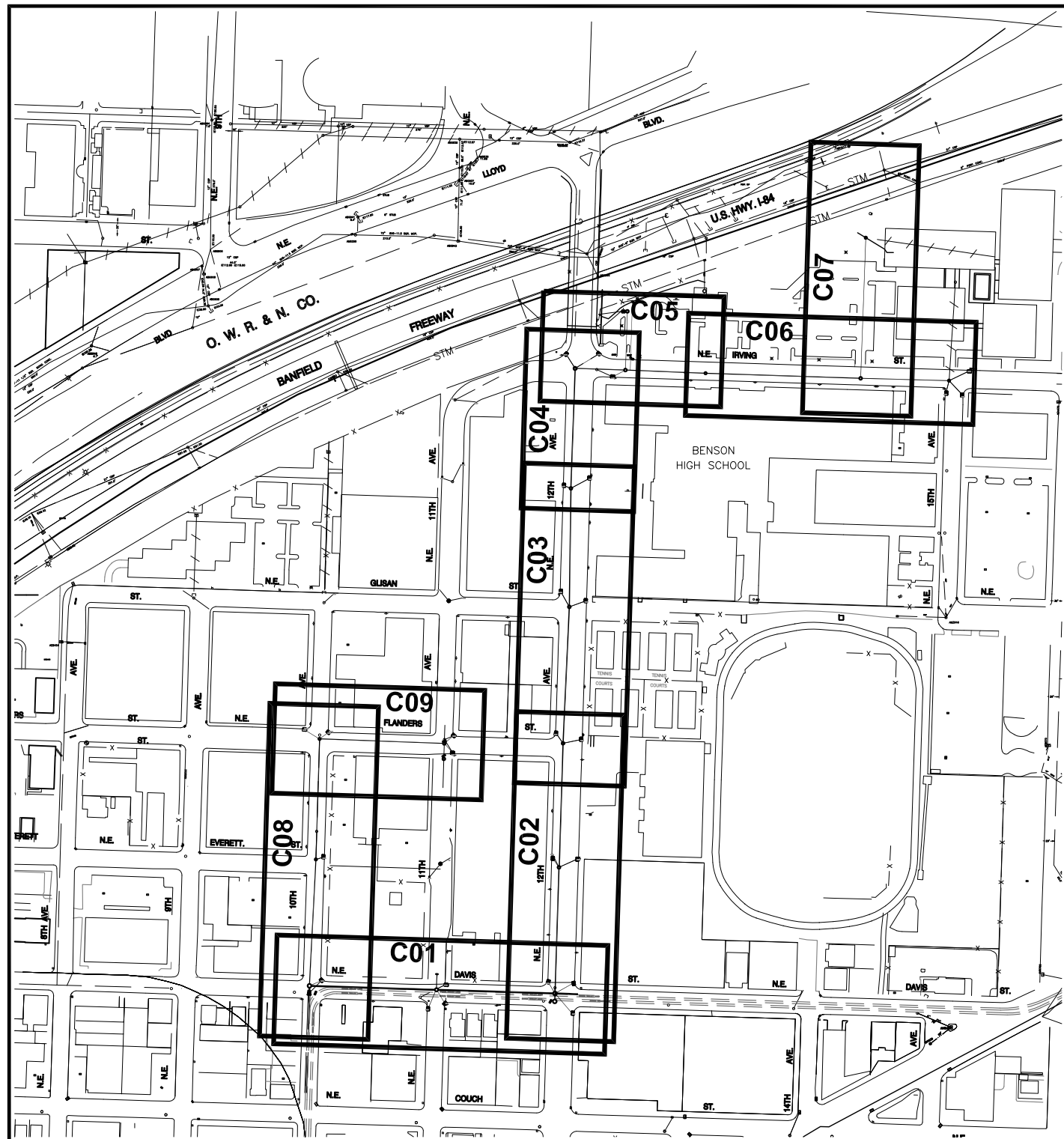
ENVIRONMENTAL SERVICES CHIEF ENGINEER  
REG. PROF. ENGR. NO. 16,301



**OAK BASIN  
RELIEF AND RECONSTRUCTION**  
GENERAL NOTES AND VICINITY MAP

1/4 SECTION	VARIES
JOB NO.	EOXXXX
SHEET NO.	G01
	1 OF 12

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PROJECT SITE  
NOT TO SCALE

**LEGEND (PLAN AND PROFILE SHEETS):**

<b>EXISTING:</b>		—SAN— SANITARY SEWER	
□	CATCH BASIN/INLET	- - - -	INTERCEPTOR SEWER
⊕	FIRE HYDRANT	—FM—	FORCE MAIN
⊕	WATER VALVE	—STM—	STORM SEWER
⊕	GAS VALVE	—CS—	COMBINED SEWER
⊕	WATER METER	○	SANITARY MANHOLE
⊕	SIGN	○	STORM MANHOLE
⊕	TELEPHONE MANHOLE TELEPHONE	○	DIVERSION MANHOLE
⊕	PEDESTAL	—  —	PERMANENT PLUG
⊕	POWER VAULT	⊕	BENCH MARK
⊕	POWER TRANSFORMER	—	SERVICE LINE PIPE
⊕	POLE ANCHOR	△	CONTROL POINT
⊕	CLEAN OUT	⊕	IRON PIPE OR IRON ROD
⊕	WATER MANHOLE	⊕	SOIL TEST BORING
⊕	POWER POLE	⊕	RAILROAD, LIGHT RAIL
⊕	STREET LIGHT		
—X—	FENCE	<b>PROPOSED:</b>	
—	EDGE OF PAVEMENT	—	SANITARY SEWER
—	CURB	—	STORM SEWER
—	EDGE OF DRIVEWAY	—	COMBINED SEWER
□	CONCRETE PAD	—	INTERCEPTOR SEWER
⊕	TREE	—	FORCE MAIN
—	DITCH OR STREAM	⊕	PUMP STATION
—W—	WATER LINE	○	SANITARY MANHOLE
—G—	GAS LINE	○	STORM MANHOLE
—E—	ELECTRIC UG	—	SERVICE LINE (HOUSE BRANCHES)
—TEL—	TELEPHONE UG	⊕	SEDIMENTATION MH AND SUMP
—FO—	FIBER OPTIC	—	STORM INLET PIPING
—OH—	OVERHEAD LINE	⊕	CATCH BASIN / INLET
—R/W—	RIGHT OF WAY	—	PROJECT SITE BOUNDARY
—P/L—	PROPERTY LINE	—	DRAINAGE BOUNDARY
—PE—	PERMANENT EASEMENT	—	CONSTRUCTION EASEMENT (TEMP)
⊕	STRUCTURE	⊕	AC REMOVAL & RESTORATION: 4" L2 1/2" MHMAC.

**SHEET INDEX:**

SHEET NUMBER	SHEET NAME	SHEET DESCRIPTION
01	G01	PROJECT SHEET INDEX AND VICINITY MAP
02	G02	DRAINAGE BASIN, LEGEND AND SHEET INDEX
03	C01	PLAN / PROFILE
04	C02	PLAN / PROFILE
05	C03	PLAN / PROFILE
06	C04	PLAN / PROFILE
07	C05	PLAN / PROFILE
08	C06	PLAN / PROFILE
09	C07	PLAN / PROFILE
10	C08	PLAN / PROFILE
11	CD01	DETAILS
12	CE01	EROSION CONTROL PLAN AND DETAILS

**CONSTRUCTION NOTES:**

- ① CONSTRUCT 96" MANHOLE PER STANDARD DRAWINGS P-150, P-151 & P-152.
- ② CONSTRUCT 72" MANHOLE PER STANDARD DRAWINGS P-150, P-151 & P-152.
- ③ CONSTRUCT 60" MANHOLE PER STANDARD DRAWINGS P-150, P-151 & P-152.
- ④ CONNECT NEW 48" RCP TO EXISTING SEWER PIPE (48" RCP) AT NEAREST COMPLETE JOINT.
- ⑤ CONSTRUCT 48" MANHOLE PER STANDARD DRAWINGS P-150, P-151 & P-152.
- ⑥ CONSTRUCT WATERTIGHT REMOVABLE PLUG.
- ⑦ ABANDON SEWER AND MANHOLE.
- ⑧ RECONSTRUCT MANHOLE BASE.
- ⑨ CONNECT TO EXISTING 12" VSP.
- ⑩ CONSTRUCT CLEANOUT, STANDARD DETAIL P-257.
- ⑪ RECONSTRUCT ALL EXISTING ACTIVE SERVICE LATERALS BETWEEN NEW MAINLINE SEWER AND CURB. ADD LATERALS AT PARTY SEWERS WHERE NOTED.
- ⑫ RECONSTRUCT INLET AND 10" INLET LEAD, STANDARD DRAWING RD364, TYPE G-1.
- ⑬ EXPLORATORY EXCAVATION TO DETERMINE DEPTH AND LOCATION OF EXISTING UTILITIES. SURVEY AND REPORT FINDINGS TO ENGINEER PRIOR TO CONSTRUCTION OF NEW UTILITIES.
- ⑭ CONSTRUCT PIPED INSIDE DROP PER STANDARD DRAWING P-253.
- ⑮ REMOVE EXISING AC. COMPACT SUBGRADE. RESURFACE WITH 4" L2, 1/2" MHMAC.
- ⑯ RESTORE PAVEMENT LEGEND FOR PARKING STALLS.

**DESIGN CRITERIA AND ASSUMPTIONS:**

1. THE SEWER SERVICE AREA FOR THIS PROJECT IS APPROXIMATELY 52.5 ACRES. THIS AREA DOES NOT INCLUDE CONTRIBUTING AREAS EAST OF NODE MH-03 (SANDY BLVD.).
2. NO EXCEPTIONS TO CITY STANDARDS OR OTHER REGULATORY REQUIREMENTS WERE TAKEN DURING THE DESIGN OF THIS PROJECT.
3. THE DOWNSPOUT DISCONNECTION PROGRAM WAS SUCCESSFUL IN REMOVING APPROXIMATELY 10% OF THE ROOF RUNOFF FROM SEWER RESIDENCES IN THIS PROJECT AREA.
4. MAXIMUM DESIGN FLOW AT DOWNSTREAM NODE MH-01 WAS COMPUTED AS 234 CUBIC FEET PER SECOND. THIS FLOW INCLUDES CONTRIBUTING FLOW EAST OF NODE MH-03 (SANDY BLVD.).

NO.		DATE	DESCRIPTION	APPD.
REVISION				
XREF(S) USED:		EOXXXX_XBMAP, EOXXXX_XDSN EOXXXX_XLAYOUT		
ROTATION ANGLE:		0.00°		
CONSTRUCTED BY:		XXX		
PROJECT COMPLETED:		XXX		
MAP CORRECTED BY:		XXX		
CHECKED BY:		XXX		
DESIGN MGR:		XXX		
DRAWN BY:		PROGRAM MGR. XXX		
CHECKED BY:		CONST. MGR. XXX		
DATE APPD.:		XXX		
DRAWING NAME:		EOXXXX_G02.DWG		

CITY OF PORTLAND  
**ENVIRONMENTAL SERVICES**

**OAK BASIN  
RELIEF AND RECONSTRUCTION**

DRAINAGE BASIN, LEGEND  
AND SHEET INDEX

1/4 SECTION  
VARIES  
JOB NO.  
EOXXXX  
SHEET NO.  
G02  
2 OF 12

2\_SAMPLE\_COVER\_DOUBLE.PDF (2 of 2)