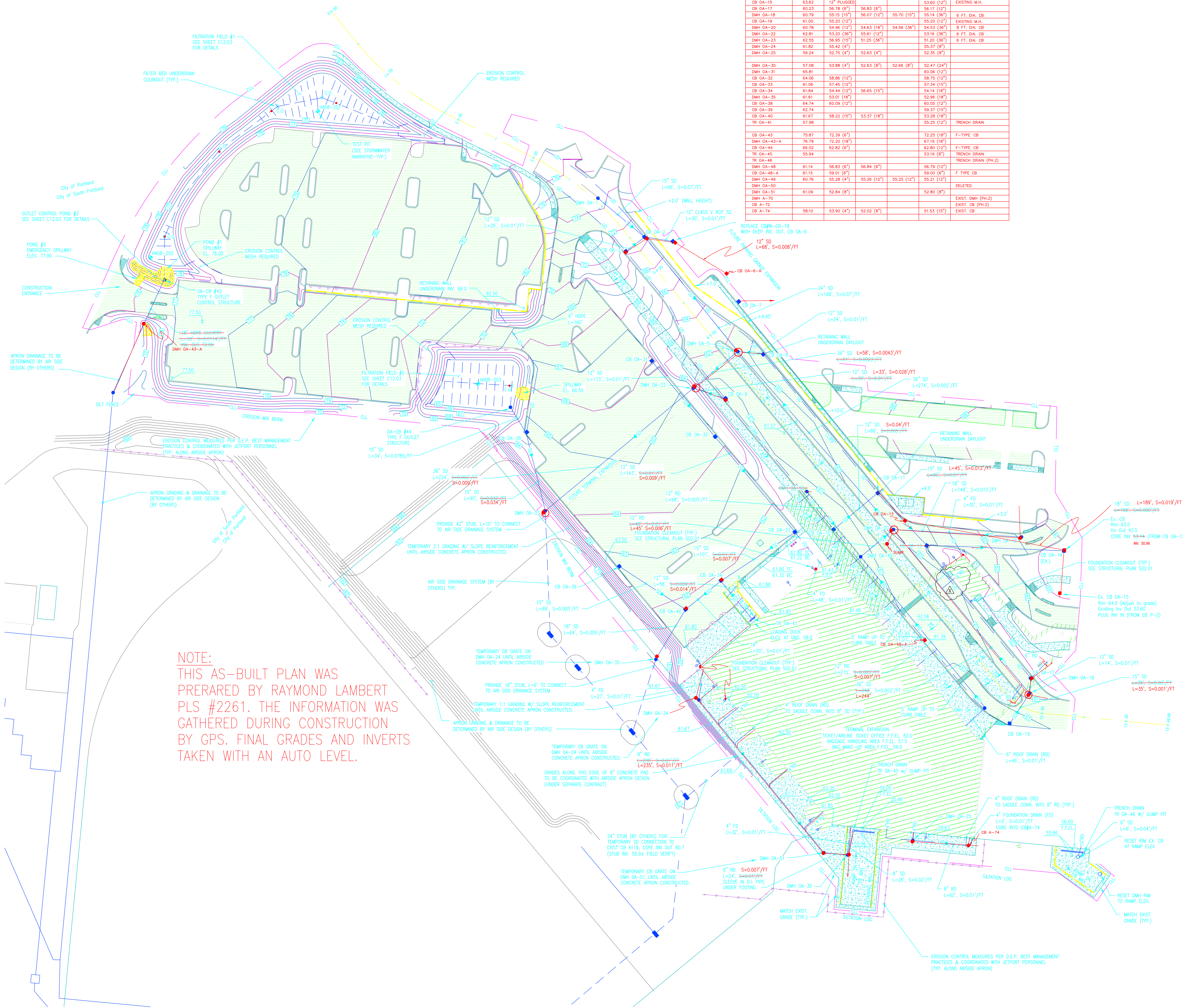


AS-BUILT DRAINAGE SCHEDULE

STRUCTURE	RIM EL.	INV. IN	INV. IN	INV. IN	INV. OUT	REMARKS
DMH DA-1	74.31	69.91 (12")			69.70 (15")	
CB DA-2	69.54	65.14 (12")	65.18 (12")	65.15 (15")	65.12 (24")	
CB DA-3	69.55	66.50 (6")	66.62 (6")	66.45 (12")		
DMH DA-5	61.45	55.40 (12")	53.50 (24")	53.65 (36")	53.45 (36")	8 FT. DIA. CB
CB DA-6	72.12	67.82 (12")			65.64 (12")	
CB DA-6A	70.74				68.35 (12")	
CB DA-7	70.77				65.42 (24")	F-TYPE CB
CB DA-8	60.20	56.20 (6")	56.85 (6")	56.92 (4")	56.61 (12")	
CB DA-9	60.11	57.00 (6")	57.05 (6")		56.96 (12")	
CB DA-10	59.96	56.92 (6")	56.91 (6")		55.22 (15")	
CB DA-11	59.92	52.56 (12")	56.62 (6")		52.60 (15")	
DMH DA-12	63.03	57.18 (12")			57.04 (18")	
CB DA-13	60.09	52.04 (15")			51.92 (15")	MOVED M.H.
CB DA-14	63.41	53.10 (12")	50.96 (18")		42.50 (18")	EXISTING M.H.
CB DA-15	63.62	12" PLUGGED			53.60 (12")	EXISTING M.H.
CB DA-17	60.23	56.78 (6")	56.83 (6")		56.11 (12")	
DMH DA-18	60.79	55.15 (15")	56.07 (12")	55.70 (15")	55.14 (36")	6 FT. DIA. CB
CB DA-19	61.00	55.20 (12")			55.20 (12")	EXISTING M.H.
DMH DA-20	60.78	54.96 (12")	54.83 (18")	54.56 (36")	54.53 (36")	8 FT. DIA. CB
DMH DA-22	62.81	53.20 (36")	56.61 (12")		53.16 (36")	6 FT. DIA. CB
DMH DA-23	62.55	56.95 (15")	51.25 (36")		51.20 (36")	6 FT. DIA. CB
DMH DA-24	61.82	55.42 (4")			55.37 (6")	
DMH DA-25	58.24	52.75 (4")	52.63 (4")		52.30 (6")	
DMH DA-30	57.08	53.88 (4")	52.63 (6")	52.66 (8")	52.47 (24")	
DMH DA-31	65.81				65.06 (12")	
CB DA-32	64.06	58.86 (12")			58.75 (12")	
CB DA-33	61.08	57.45 (12")			57.34 (15")	
CB DA-34	61.88	54.44 (12")	56.65 (15")		54.14 (18")	
DMH DA-35	61.61	53.01 (18")			52.96 (18")	
CB DA-36	64.74	60.09 (12")			60.05 (12")	
CB DA-39	62.74				59.37 (15")	
CB DA-40	61.67	58.22 (15")	53.37 (18")		53.28 (18")	
TR DA-41	57.88				55.25 (12")	TRENCH DRAIN
CB DA-43	75.87	72.39 (6")			72.25 (18")	F-TYPE CB
DMH DA-43-A	76.79	72.20 (18")			67.15 (18")	
CB DA-44	66.02	62.82 (6")	62.80 (12")		62.80 (12")	F-TYPE CB
TR DA-45	55.94				53.19 (6")	TRENCH DRAIN
TR DA-46						TRENCH DRAIN (PH.2)
DMH DA-48	61.14	56.83 (6")	56.84 (6")		56.78 (12")	F-TYPE CB
CB DA-48-A	61.15	56.01 (6")			56.00 (6")	
DMH DA-49	60.76	55.28 (4")	55.28 (12")	55.25 (12")	55.21 (12")	
DMH DA-50						DELETED
DMH DA-51	61.09	52.84 (8")			52.80 (8")	EXIST. DMH (PH.2)
DMH A-70						EXIST. CB (PH.2)
CB A-72						EXIST. CB
CB A-74	58.10	53.90 (4")	52.02 (8")		51.53 (15")	EXIST. CB



NOTE:
THIS AS-BUILT PLAN WAS PRERED BY RAYMOND LAMBERT PLS #2261. THE INFORMATION WAS GATHERED DURING CONSTRUCTION BY GPS. FINAL GRADES AND INVERTS TAKEN WITH AN AUTO LEVEL.

1. SEE STRUCTURAL DRAWINGS FOR DETAILS OF THE UNDER SLAB DRAINAGE SYSTEM

Drainage Structure Schedule

DESC.	RIM	INV. IN	INV. IN	INV. IN	INV. OUT
DMH DA-1	74.30	69.92(12")			69.82(15")
CB DA-2*	69.75	65.20(12")	65.20(15")	65.00(6")	65.10(24")
DMH DA-3	69.75	65.20(12")			65.00(6")
DMH DA-5*	61.45	54.15(36")	53.34(24")	56.26(12")	53.34(36")
CB DA-6(x)	71.88	68.53(12")			65.50(12")
CB DA-7	70.84*				65.50(12")
CB DA-8	60.47	57.00(4")	56.97(6")	56.97(6")	56.50(12")
CB DA-9	60.47		56.97(6")	56.97(6")	56.50(12")
CB DA-10	60.24				53.26(12")
CB DA-11	60.24	52.93(12")	57.00(4")		52.83(15")
DMH DA-12	63.50	57.14(12")			57.04(18")
CB DA-13	60.53	52.03(15")			51.93(18")
CB DA-14(x)	63.00*	51.14(18")	53.14(12")		42.50(18")
CB DA-15(x)	64.00*	(ex 12")			(ex 12")
CB DA-16	62.41				58.41(12")
CB DA-17	60.26			56.76(6")	56.14(12")
DMH DA-18*	60.85	55.61(15")	55.21(15")	56.00(12")	55.30(36")
x CB DA-19	60.50	55.21(12")			55.21(15")
DMH DA-20*	60.80	54.70(36")	54.52(18")	55.00(12")	54.70(36")
DMH DA-21*	61.00	56.40(36")	54.24(18")	54.24(18")	54.24(36")
DMH DA-22*	62.20	53.25(36")			53.00(36")
DMH DA-23*	62.10	52.75(36")	57.25(15")		51.31(36")
DMH DA-24	62.00			55.34(4")	55.24(8")
DMH DA-25	60.00*	54.10(4")	54.33(4")		54.00(8")
DMH DA-30	57.10	52.60(8")	52.60(8")	54.55(4")	52.50(24")
CB DA-31	65.90				60.17(12")
CB DA-32	64.19	59.04(12")			58.94(12")
CB DA-33	61.26	57.51(12")		58.30(4")	57.41(15")
CB DA-34	61.76	56.45(15")			54.22(12")
DMH DA-35	61.61*	53.08(18")			53.00(18")
CB DA-36	64.50	60.00(15")	60.00(6")		59.90(15")
CB DA-39	62.80				59.06(15")
CB DA-40	61.80	53.50(18")	58.20(15")		53.40(18")
TR DA-41	57.88				54.72(12")
CB DA-43(F)	75.50	72.67(6")			72.57(18")
CB DA-44(F)	65.90	62.67(6")			62.67(15")
TR DA-45	55.88				53.18(6")
TR DA-46	55.88				53.18(6")
DMH DA-48	60.83	56.68(6")		57.00(6")	56.58(12")
DMH DA-49	60.80	55.50(12")	55.50(12")		55.40(12")
DMH DA-50	60.77				55.99(12")
DMH DA-51	61.20	52.94(8")			52.84(8")
A-72(x)	55.90*	51.01(15")	51.00(6")	52.96(8")	51.01(18")
A-74(x)	58.13	53.73(4")	54.48(4")	53.38(8")	51.48(15")
A-70(x)	58.53	52.63(4")	51.08(18")	51.48(15")	50.68(15")

- * ADJUST TO GRADE
- † 6" DIA. STRUCTURE (SEE NOTE 4)
- ‡ 2" SD STRUCTURE
- § BACKFLOW PREVENTER REQUIRED
- (x) EXISTING STRUCTURE
- (F) TYPE F BASIN REQUIRED

1. ALL CATCH BASIN STRUCTURES ARE 4" DIA. UNLESS OTHERWISE NOTED AND SHALL BE BUILT WITH A MIN. 3 FT. SLUMP.
2. TYPE "L" CATCH BASIN STRUCTURES WITH GRANITE CURB INLET STONES SHALL BE INSTALLED IN INTERNATIONAL PATTERN.
3. THE TWO (2) CATCH BASINS FUNCTIONING AS OUTLET STRUCTURES FROM THE FILTRATION FIELDS SHALL BE TYPE "T", 2' X 2' SQUARE STRUCTURES.
4. ALL DRAIN MANHOLE STRUCTURES SHALL BE 4" DIA. EXCEPT STRUCTURES, DMH DA-18, DMH DA-22 AND DMH DA-23 SHALL BE 6" DIA. DMH DA-5 AND DMH DA-20 SHALL BE 8" DIA.
5. SEE STRUCTURAL DRAWINGS FOR DETAILS OF THE UNDER SLAB DRAINAGE SYSTEM AND FOUNDATION DRAIN SYSTEM.
6. SEE MECHANICAL DRAWINGS FOR ROOF DRAIN SYSTEM.
7. REFER TO THE CIVIL DETAIL FOR A SPECIFICATION OF TO BE INSTALLED IN THE FOLLOWING DRAINAGE STRUCTURES:
 - DMH DA-25, 4" FOUNDATION DRAIN
 - DMH DA-24, 4" FOUNDATION DRAIN
 - CB A-72, 10" ROOF DRAIN AND 6" TRENCH DRAIN (FROM TR DA-46)
 - DMH DA-30, 8" ROOF DRAIN (FROM DMH DA-51)
 - 4" FOUNDATION DRAIN AND 8" TRENCH DRAIN PIPE (TR DA-45)
 - CB A-74, 8" ROOF, 4" FD
 - CB DA-34, 12" (FROM TR DA-41)
8. PROVIDE BACKFLOW PREVENTER ON THE 4" FOUNDATION DRAIN IN DMH DA-20.
9. 10" CORE REQUIRED IN EXISTING CB A-72 FOR NEW 10" ROOF DRAIN AT ELEV. 51.06 AND NEW 8" SD FROM TRENCH DRAIN AT ELEV. 52.84.
10. MAINTAIN POSITIVE GRADE ON ALL FOUNDATION DRAIN AND RAIN LEADERS, MIN. SLOPE 0.005FT/FT.
11. 12" ROOF DRAIN HEADER PIPE COLLECTING ROOF DRAINS & FOUNDATION DRAINS ALONG ENTRANCE OF TERMINAL INVERT IN TO DMH DA-49 REQUIRES A BACKFLOW PREVENTER.
12. DMH DA-24 AND DMH DA-35 REQUIRE CATCH BASIN GRATES DURING CONSTRUCTION IN THE EVENT THAT THE APRON CONCRETE APRON IS NOT FINALIZED. ONCE THE APRON IS IN PLACE AND THE APRON DRAINAGE SYSTEM IS ACCEPTING SURFACE DRAINAGE, THE GRATES SHALL BE REPLACED WITH TYPE "A" MANHOLE COVERS.
13. THE 2:1 AND 1:1 GRADED SLOPES ARE CONSIDERED TEMPORARY AND WILL BE REMOVED BY THE APRON CONCRETE APRON CONTRACTORS. SLOPE REINFORCEMENT MEASURES SHALL BE RPPAP, MIN. 6" STONE WITH MSHA# 600X GEOTEXTILE FABRIC OR APPROVED EQUAL.

NO.	DATE	DESCRIPTION	BY	CHK
1	07/11/08	SCHEMATIC DESIGN	WJW	AWL
2	09/22/08	DESIGN DEVELOPMENT	WJW	AWL
3	12/03/08	75% CONSTRUCTION DOCUMENTS	WJW	AWL
4	01/23/09	95% CONSTRUCTION DOCUMENTS	WJW	AWL
5	10/26/09	ISSUED FOR PERMIT	WJW	FEM
6	11/12/09	ADDENDUM #2	WJW	FEM
7	01/12/10	BULLETIN #1	WJW	TM
8	05/03/10	BULLETIN #10	WJW	TM
9		BULLETIN #...		

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C:\USERS\WJW\DOCUMENTS\SSG 2011 JOB\SSG AS-BUILT\SSG PW M SITE GRADING & DRAINAGE PLAN

PWM C02.02 AS BUILT

1" = 40'