

EXHIBIT C

1. See attached 100% Submittal outfall construction Plans Sheets 51, 52, and 53.
2. All requirements that pertain to construction and operation that derive from the remedial action design, including all requirements that are applicable or relevant and appropriate (ARAR) State or local requirement, as submitted by the City to EPA on June 9, 2014, incorporated herein by reference. These requirements are available at Seattle Public Utilities, 700 5<sup>th</sup> Ave, Suite 4900, Seattle, WA 98124-4018.
3. No stormwater discharges from the vegetated depression are allowed, except through City stormwater conveyance system.
4. After outfall installation, the City shall restore the outfall bank at a 2:1 or shallower slope, not higher than grade prior to City outfall construction, or lower than final T117 Restoration grade.
5. T117 access to 14<sup>th</sup> Ave S shall be maintained at all times.
6. TESC for the City's work on T117 shall be installed in accordance with King County code.
7. Only soil generated on T117, and clean imported backfill material for the construction of the outfall on T117 are allowed to be stockpiled within the T117.
8. The final copies of the documents listed below, once approved by EPA, are incorporated by reference into this Easement:
  - Final Removal Action Design Report as approved by EPA
  - Final Removal Action Work Plan as approved by EPA
  - Final Long Term Monitoring and Maintenance Plan

**WDFW CONDITIONS:**

- PRE-CONSTRUCTION NOTIFICATION REQUIREMENT: NO LESS THAN THREE WORKING DAYS PRIOR TO START OF WORK, THE ENGINEER SHALL NOTIFY THE AREA HABITAT BIOLOGIST (AHB) LISTED BELOW BY EMAIL (LAURA.ARBBER@DFW.WA.GOV) OR PHONE (425)379-2306, OF THE PROJECT START DATE. THE NOTIFICATIONS SHALL INCLUDE THE APPLICANTS NAME, PROJECT LOCATION, AND STARTING DATE OF WORK OR COMPLETION DATE OF WORK. AT LEAST TWO PRE-PROJECT PHOTOGRAPHS SHOWING THE PROJECT FROM ALL SIDES SHALL BE EMAILED OR MAILED AS WELL.
- POST- CONSTRUCTION NOTIFICATION REQUIREMENT: NOTIFICATION REQUIREMENT: THE AREA HABITAT BIOLOGIST LISTED BELOW SHALL BE CONTACTED BY THE ENGINEER BY EMAIL (LAURA.ARBBER@DFW.WA.GOV), PHONE (425)379-2306, OR FAX (425)379-2323, WITHIN SEVEN DAYS OF PROJECT COMPLETION. THE NOTIFICATION SHALL INCLUDE THE CONTROL

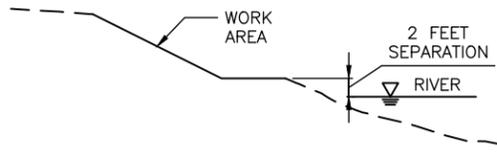
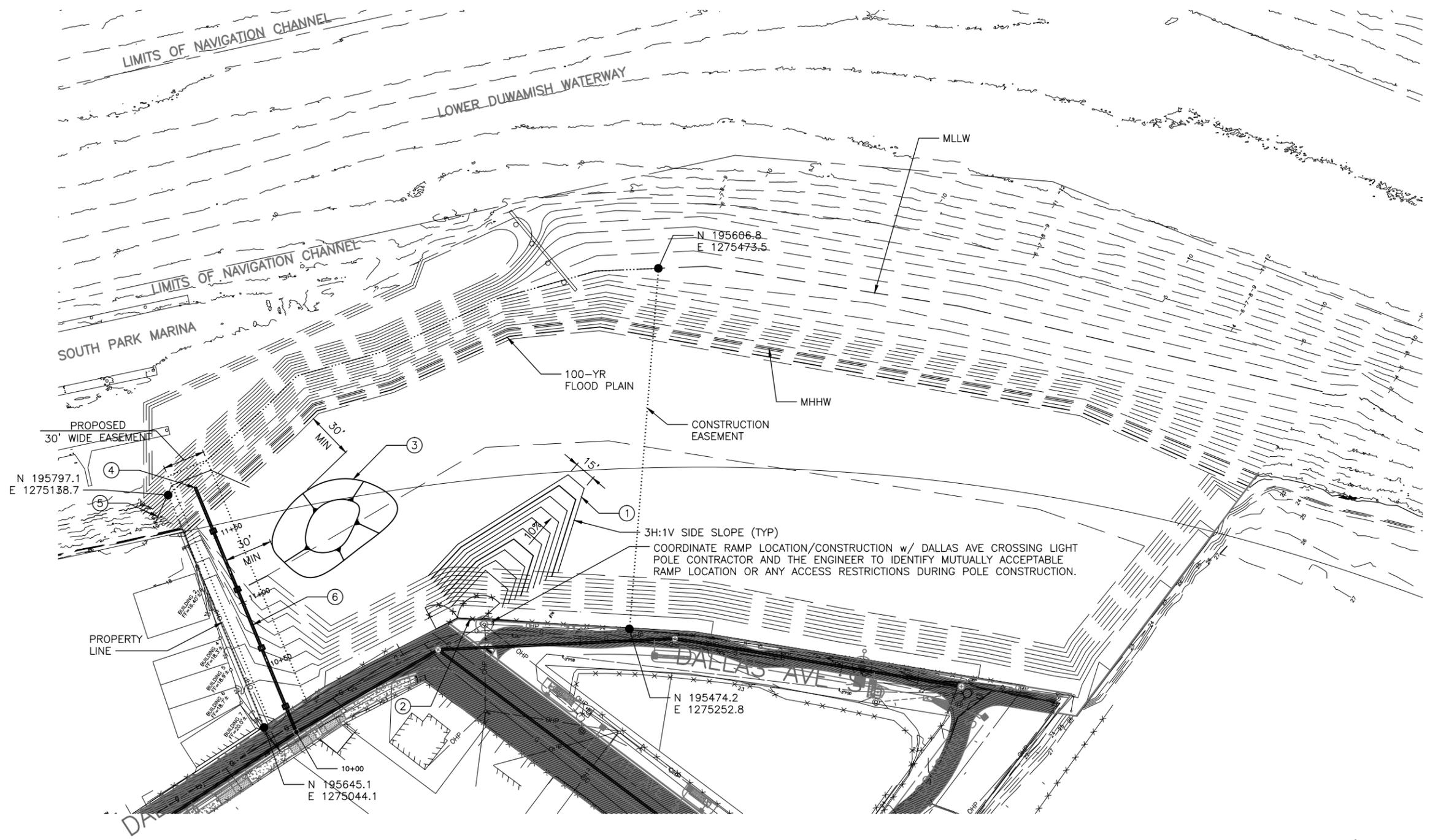
- NUMBER FOR THIS HPA, APPLICANTS NAME, PROJECT LOCATION, AND THE COMPLETION DATE OF WORK. AT LEAST TWO POST-PROJECT PHOTOGRAPHS SHOWING THE PROJECT FROM ALL SIDES SHALL BE EMAILED OR MAILED AS WELL.
- ALL TRASH AND UNAUTHORIZED FILL, INCLUDING CONCRETE BLOCKS OR PIECES, BRICKS, ASPHALT, METAL, TREATED WOOD, GLASS, FLOATING DEBRIS, AND PAPER, BELOW THE ORDINARY HIGH WATER LINE (OHWL) IN AND AROUND THE APPLICANT'S PROJECT AREA SHALL BE REMOVED AND DEPOSITED AT AN APPROVED UPLAND DISPOSAL SITE.
  - IF AT ANY TIME, AS A RESULT OF PROJECT ACTIVITIES, FISH ARE OBSERVED IN DISTRESS, A FISH KILL OCCURS, OR WATER QUALITY PROBLEMS DEVELOP (INCLUDING EQUIPMENT LEAKS OR SPILLS), IMMEDIATE NOTIFICATION SHALL BE MADE TO THE WASHINGTON DEPARTMENT OF ECOLOGY AT 1-800-258-5990, AND TO THE AREA HABITAT BIOLOGIST.
  - NO PETROLEUM PRODUCTS OR OTHER DELETERIOUS MATERIALS SHALL ENTER SURFACE WATERS.

**KEY TABLE**

NO.	DESCRIPTION	DETAIL
①	PROVIDE CONSTRUCTION ACCESS RAMP. RAMP SHALL REMAIN POST CONSTRUCTION.	
②	PROVIDE DOUBLE LEAF SWING GATE. SIZE AND LOCATION TO BE ADJUSTED BY THE CONTRACTOR AS NECESSARY TO ACCESS THE CONSTRUCTION RAMP.	
③	FIELD LOCATE MATERIAL STOCKPILES. MAINTAIN A MINIMUM OF 30' FROM TOP OF EMBANKMENT AND TOP EDGE OF TRENCH. PROVIDE EROSION CONTROL MEASURES ON ALL STOCKPILES PER THE CSECP DRAWINGS AND SPECIFICATIONS.	
④	THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE TURBIDITY REQUIREMENTS IN THE SPECIFICATIONS AND PERMITS. REFER TO THE GEOTECHNICAL MEMORANDUM "DALLAS AVENUE DRAINAGE PROJECT - GEOTECHNICAL RECOMMENDATIONS FOR NEW OUTFALL AND RELATED ITEMS" FOR EXCAVATION & SOIL INFORMATION.	
⑤	PROVIDE A FLOATING CONTAINMENT BOOM WHEN CONSTRUCTION ACTIVITIES ARE EXPOSED TO THE WATERWAY.	
⑥	18" HDPE PSD (EQ#: 7459360 989648)	SEE SHEET 53

**NOTES:**

- CONTOURS SHOWN ON THIS SHEET ARE RELATIVE TO MEAN LOWER LOW WATER (MLLW).
- OUTFALL CONSTRUCTION ON PORT OF SEATTLE PROPERTY SHALL CONFORM TO THE REQUIREMENTS OF THE CONSTRUCTION ACCESS AGREEMENT AND SHALL BE COMPLETED BETWEEN JUNE 1 AND AUGUST 30 AS SHOWN IN APPENDIX A3.
- CONSTRUCTION SHALL BE PHASED TO MINIMIZE THE AMOUNT OF TRENCH EXPOSED TO TIDAL INUNDATION.
- ALL EXPOSED SOILS SUBJECT TO TIDAL INUNDATION SHALL BE COVERED DURING CONSTRUCTION. SEE CSECP NOTES SHEET 5.
- WORK IN THE INTERTIDAL ZONE SHALL BE COMPLETED BETWEEN JUNE 15 AND AUGUST 30. ALL WORK SHALL BE COMPLETED AT LOW TIDE WHEN THE AREA IS NOT INUNDATED BY RIVER WATER.
- DURING CONSTRUCTION IN AREAS SUBJECT TO TIDAL INUNDATION, CONTRACTOR SHALL MAINTAIN AT LEAST 2 FEET OF VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE CONSTRUCTION ACTIVITY AND THE RIVER. WORK SHALL BE GRADED/SLOPED SUCH THAT RIVER WATER IS NOT RETAINED BY THE EXCAVATION (I.E. NO PONDING OR TRAPPING OF FISH IS ACCEPTABLE IN THE EXCAVATION WHEN THE TIDE RECEDES)



**EXHIBIT C - Sheet 1 of 3**

SPU T-117 ORD Exhibit C to Attachment 1

**STORMWATER OUTFALL SITE PLAN**

CALL 48 HOURS BEFORE YOU DIG  
1-800-424-5555  
**100 % SUBMITTAL (NOT FOR CONSTRUCTION)**

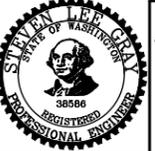
**moffatt & nichol**  
600 UNIVERSITY STREET  
SUITE# 610  
SEATTLE, WA 98101  
206-622-0222

REVIEWED BY SPU/WATER ENGINEERING	20.....
REVIEWED BY SPU/DRAINAGE	20.....
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	20.....

APPROVED FOR ADVERTISING  
NANCY LOCKE  
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES  
SEATTLE, WASHINGTON 20

BY: PURCHASING & CONTRACTING SERVICES DIRECTOR

NAME OR INITIALS AND DATE DESIGNED BH CHECKED SG	INITIALS AND DATE REVIEWED: DES. SDOT CONST. PROJ. MGR.
DRAWN CG CHECKED BH	RECEIVED REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.	



**Seattle Public Utilities**  
ORDINANCE NO. \_\_\_\_\_  
FUND: \_\_\_\_\_  
SCALE: AS NOTED

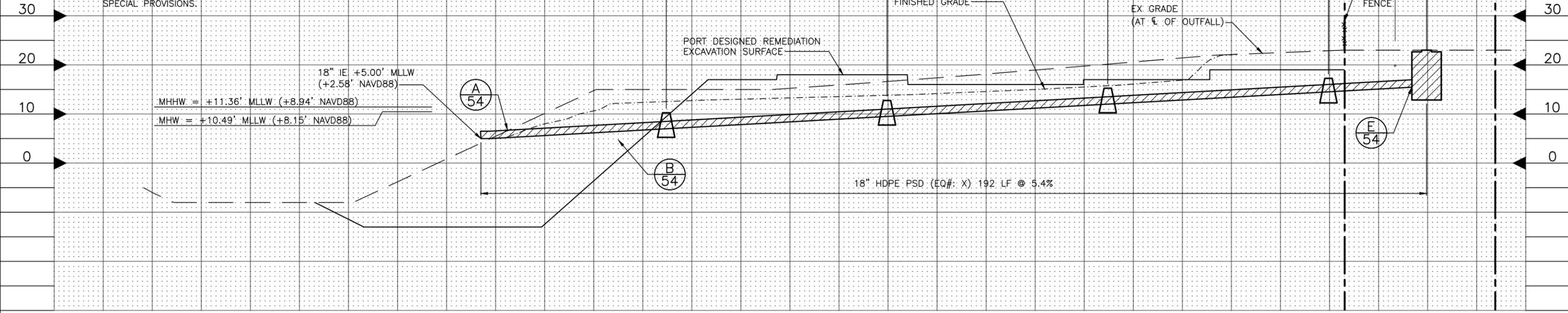
**City of Seattle**  
Ray Hoffman, Director  
APPROVED  
INSPECTOR'S BOOK

**T-117 ADJACENT STREETS  
CLEANUP & STORMWATER  
INFRASTRUCTURE**

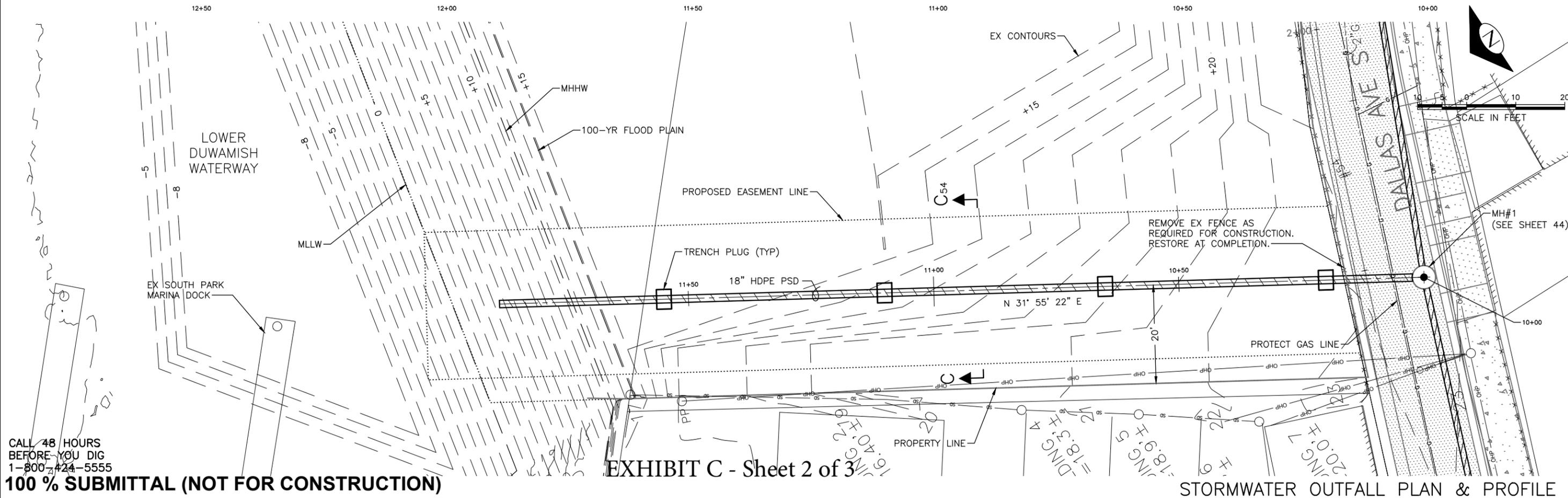
PC	C308046
R/W	
CO	C308046
VAULT PLAN NO.	777-822
SHEET	52 OF 81

**NOTES:**

1. PROFILE GEOMETRY AND ELEVATIONS REFLECT THE CENTERLINE OF THE FINISHED OUTFALL.
2. ELEVATIONS ON SHEETS 53 TO SHEET 54 ARE INDICATED RELATIVE TO MEAN LOWER LOW WATER (MLLW) (ELEVATION 0.00' MLLW = -2.42' NAVD88)
3. EXCAVATED SOILS SHALL BE DISPOSED PER THE SPECIAL PROVISIONS.



MADE	CHK'D	REV'D
DATE	MARK	NATURE
3/6/18		REVISIONS



CALL 48 HOURS BEFORE YOU DIG  
1-800-742-5555

**100% SUBMITTAL (NOT FOR CONSTRUCTION)**

EXHIBIT C - Sheet 2 of 3

**STORMWATER OUTFALL PLAN & PROFILE**

**moftatt & nichol**  
600 UNIVERSITY STREET  
SUITE # 610  
SEATTLE, WA 98101  
206-622-0222

REVIEWED BY SPU/WATER ENGINEERING	20
REVIEWED BY SPU/DRAINAGE	20
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING	20

APPROVED FOR ADVERTISING  
**NANCY LOCKE**  
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES  
SEATTLE, WASHINGTON 20

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CHECKED SG	DES. CONST.
	SDOT PROJ. MGR.
DRAWN CG	RECEIVED
CHECKED BH	REVISED AS BUILT

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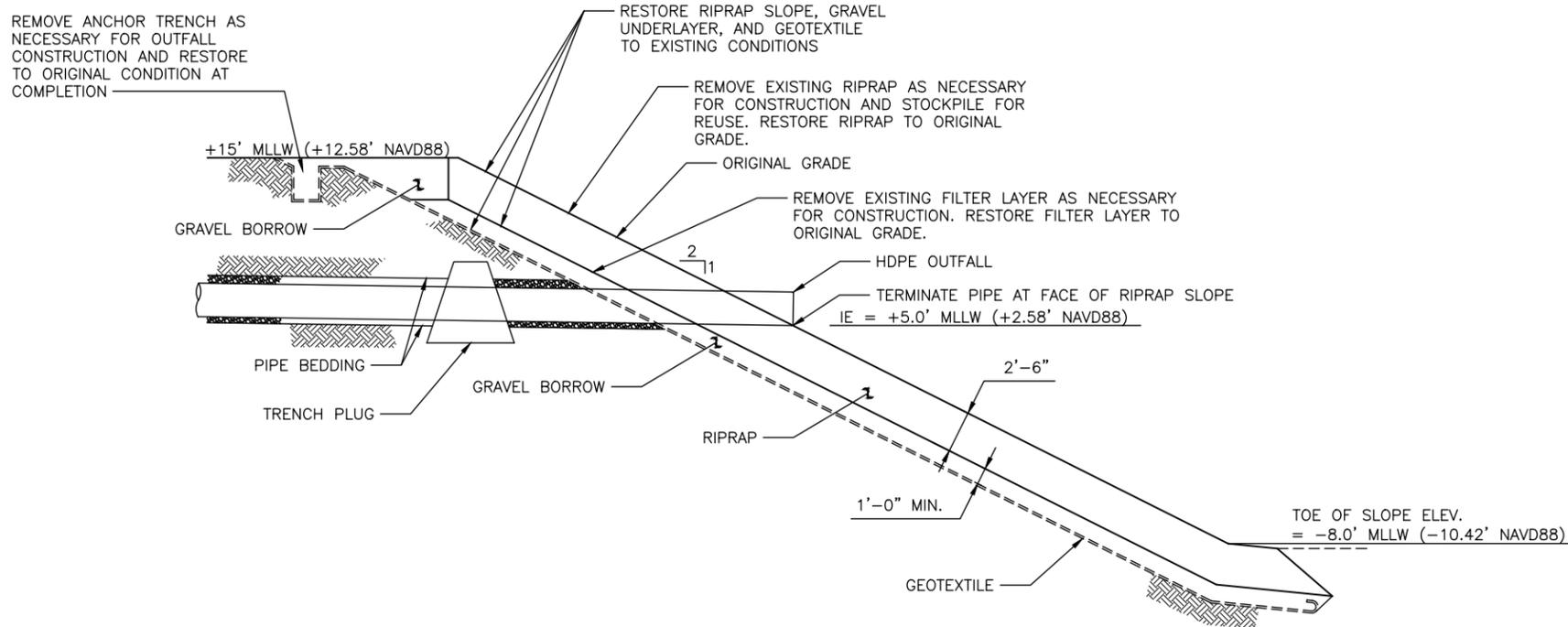


**Seattle Public Utilities**  
City of Seattle  
**Ray Hoffman, Director**

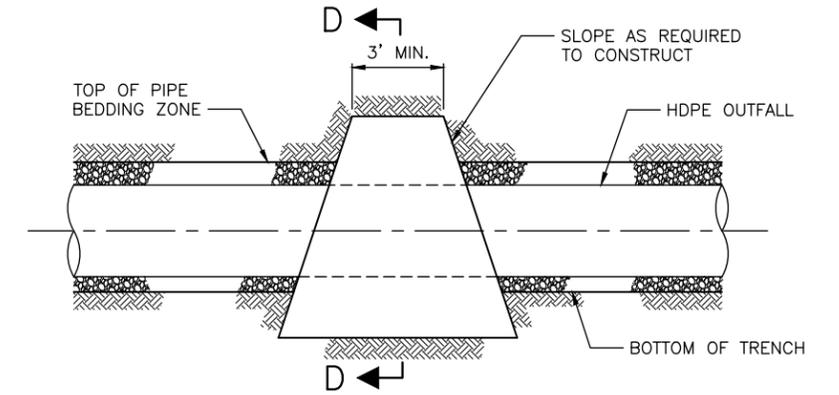
ORDINANCE NO. APPROVED  
FUND: INSPECTOR'S BOOK  
SCALE: AS NOTED

**T-117 ADJACENT STREETS CLEANUP & STORMWATER INFRASTRUCTURE**

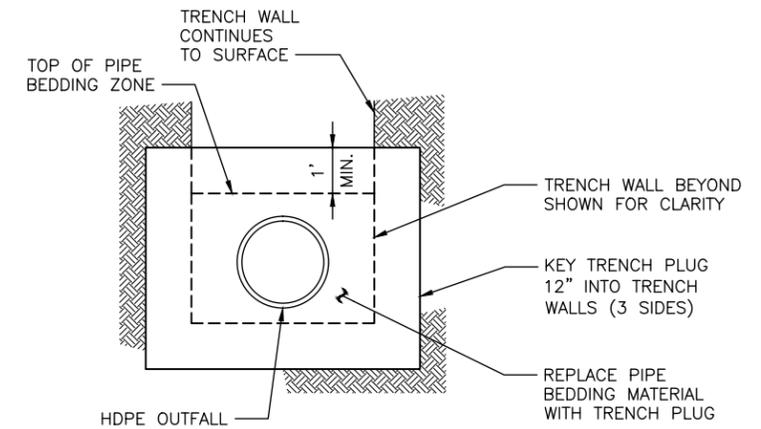
PC	C308046
R/W	
CO	C308046
VAULT PLAN NO.	777-822
SHEET	53 OF 81



**OUTFALL INTERTIDAL DETAIL A**  
SCALE: 1"=5'  
53

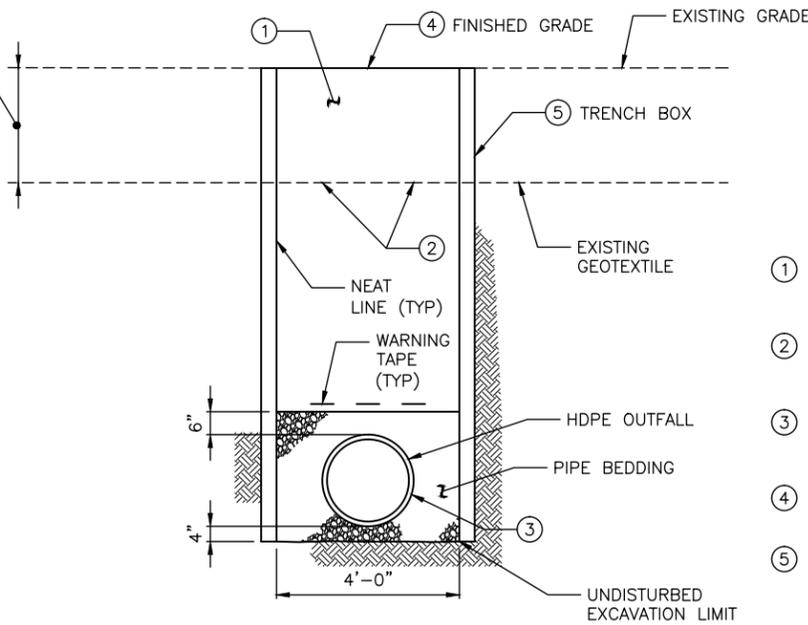


**ELEVATION - TRENCH PLUG B**  
SCALE: 1/2"=1'-0"  
53



**SECTION - TRENCH PLUG D**  
SCALE: 1/2"=1'-0"  
-

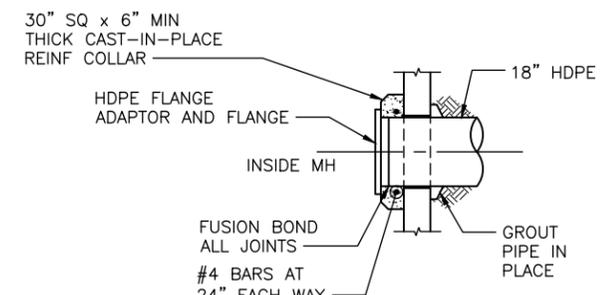
DISTANCE VARIES  
SEE PORT DESIGNED  
REMEDATION EXCAVATION  
SURFACE LINE SHOWN  
ON OUTFALL PROFILE



**SECTION - TYPICAL C**  
SCALE: 1/2"=1'-0"  
53

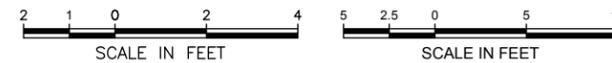
**SECTION NOTES:**

- ① EXCAVATE AND DISPOSE EX SOIL. EXCAVATED SOILS SHALL BE DISPOSED PER THE SPECIAL PROVISIONS.
- ② CUT AND FOLD BACK GEOTEXTILE FABRIC. RESTORE GEOTEXTILE DURING TRENCH BACKFILLING.
- ③ PLACE PIPE TO GRADE AND PLACE PIPE BEDDING MATERIAL PER STANDARD PLAN NO 285 FOR CLASS B BEDDING.
- ④ BACKFILL TRENCH TO ORIGINAL GRADE w/ BENTONITE-SOIL BACKFILL.
- ⑤ SLOPED TRENCH WALLS NOT ALLOWED FOR OUTFALL CONSTRUCTION; CONTRACTOR SHALL USE TRENCH BOXES WHERE REQUIRED.



**MANHOLE CONNECTION DETAIL E**  
SCALE: 1/2"=1'-0"  
53

**EXHIBIT C - Sheet 3 of 3**



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BY: PURCHASING & CONTRACTING SERVICES DIRECTOR

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