

Drawing Frame: 750mm x 554mm City of Ottawa 2008 (Rev.01)
 Plot Date: September 11 15 11:00:43 AM
 Last Saved: September 11 15 10:15:23 AM
 Consultant's Information: F:\ISD\EC231\ECB\DWG\WORKING DRAWINGS\EC231\ECB_BritanniaVillage.dwg

LEGEND:

- | | | | |
|-----------|----------------------------------|-----|---|
| --- | PROPERTY LINE | | TREE REMOVAL |
| --- | EXISTING CONCRETE RETAINING WALL | | ASPHALT REMOVAL |
| MH 101 | EXISTING SANITARY MH & SEWER | | AREA TO BE CLEARED AND GRUBBED WITH TOPSOIL REMOVAL |
| MH 102 | EXISTING STORM MH & SEWER | | AREA TO BE CLEARED AND GRUBBED WITH TOPSOIL REMOVAL (PROVISIONAL) |
| 200mm# WM | EXISTING WATERMAIN | | REMOVALS AS SPECIFIED |
| --- | RAISE CONCRETE RETAINING WALL | | SILT FENCE AS PER OPSD 219.110 |
| --- | STORM SEWER | --- | CONSTRUCTION FENCE |
| --- | SUBDRAIN | | |
| | PEDESTRIAN LIGHT | | |
| | CATCH BASIN | | |
| | LANDSCAPE DRAIN | | |
| | MAINTENANCE HOLE | | |
| | BOREHOLE | | |
| | DIRECTION OF FLOW | | |
| | BERM | | |
| | EXISTING TREE | | |

EROSION AND SEDIMENT CONTROL MEASURES:

- CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE. DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURE MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- CONTRACTOR SHALL FOLLOW OPSD 182 VOL 1 REV NOV 12 FOR ENVIRONMENTAL PROTECTION FOR CONSTRUCTION IN WATER BODIES AND ON WATER BODY BANKS.

1. PRIOR TO START OF CONSTRUCTION:

- PRIOR TO THE REMOVAL OF ANY VEGETATIVE COVER, MOVING OF SOIL AND CONSTRUCTION:
 - INSTALL SILT FENCE ALONG DITCHES IMMEDIATELY DOWNSTREAM FROM AREAS TO BE DISTURBED (SEE PLAN FOR LOCATION).
 - INSTALL FILTER CLOTH ON DOWNSTREAM MANHOLE COVERS.
 - INSTALL SILTSACK FILTERS IN ALL CONCRETE CATCH BASIN STRUCTURES.
 - INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

2. DURING CONSTRUCTION:

- WORK TO BE DONE WITHIN THE OTTAWA RIVER MUST BE CARRIED OUT OUTSIDE OF THE FISH SPAWNING WINDOW FROM ABOUT MARCH 15 - JULY 15.
- MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE.
- PROTECT DISTURBED AREAS FROM RUNOFF.
- PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED SHORTLY.
- INSPECT STRAW BALE FLOW CHECK DAMS, SILT FENCES, FILTER CLOTHS AND CATCH BASIN SUMPS REGULARLY AND AFTER EVERY MAJOR STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.

- PLAN TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.
- EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
- DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).
- CONTROL WIND-BLOWN DUST OFF SITE TO ACCEPTABLE LEVELS BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED).
- NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVES BY THIS CONSULTING ENGINEER AND THE CITY DEPARTMENT OF PUBLIC WORKS.
- CONTRACTOR RESPONSIBLE FOR CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING ETC. AT THE END OF EACH WORK DAY.
- DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPPED.
- ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
- TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ADJACENT PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.

3. AFTER CONSTRUCTION:

- PROVIDE PERMANENT COVER CONSISTING OF TOPSOIL AND SEED TO DISTURBED AREAS.
- REMOVE STRAW BALE FLOW CHECK DAMS, SILT FENCES AND FILTER CLOTHS ON CATCH BASINS AND MANHOLE COVERS AFTER DISTURBED AREAS HAVE BEEN REHABILITATED AND STABILIZED.
- INSPECT AND CLEAN CATCH BASIN SUMPS AND STORM SEWERS.

**BRITANNIA VILLAGE
FLOOD CONTROL WORKS**

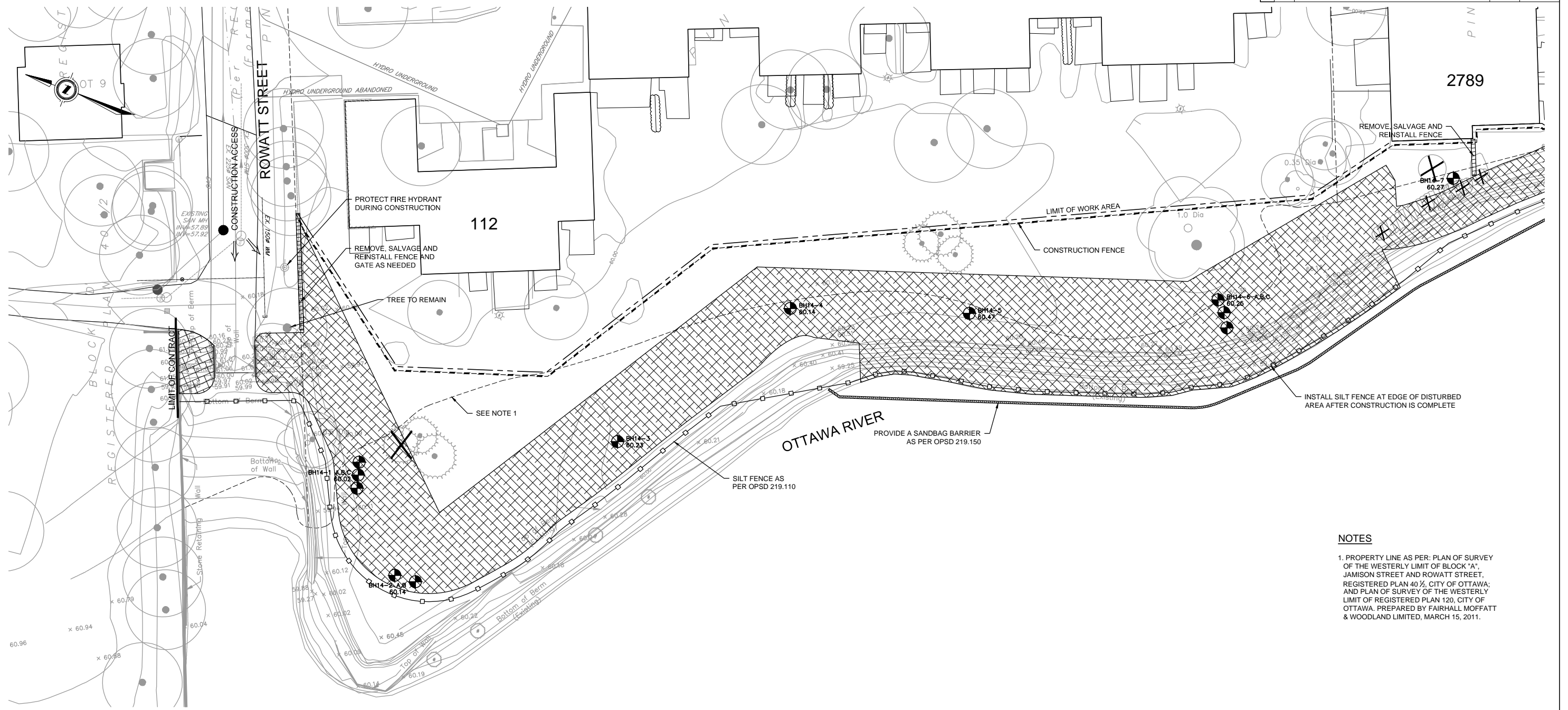
REMOVALS - 1

Contract No.	Dwg. No.
F760-125	1
Asset No.	
Asset Group	
Des.	Chk'd.
D.R.Y.	K.L.P.
Dwn.	Chk'd.
D.M. / S.S.	
Utility Circ. No.	Index No.
Const. Inspector:	
SCALE 1:250	
0 5m 10m	



NOTE: The location of utilities is approximate only, the exact location should be determined by consulting the municipal authorities and utility companies concerned. The contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

No.	Description	By	Date (dd/mm/yy)
1.	ISSUED FOR TENDER	S.D.	10/09/2015



NOTES

- PROPERTY LINE AS PER: PLAN OF SURVEY OF THE WESTERLY LIMIT OF BLOCK "A", JAMISON STREET AND ROWATT STREET, REGISTERED PLAN 40 1/2, CITY OF OTTAWA; AND PLAN OF SURVEY OF THE WESTERLY LIMIT OF REGISTERED PLAN 120, CITY OF OTTAWA, PREPARED BY FAIRHALL MOFFATT & WOODLAND LIMITED, MARCH 15, 2011.

**BRITANNIA VILLAGE
FLOOD CONTROL WORKS**

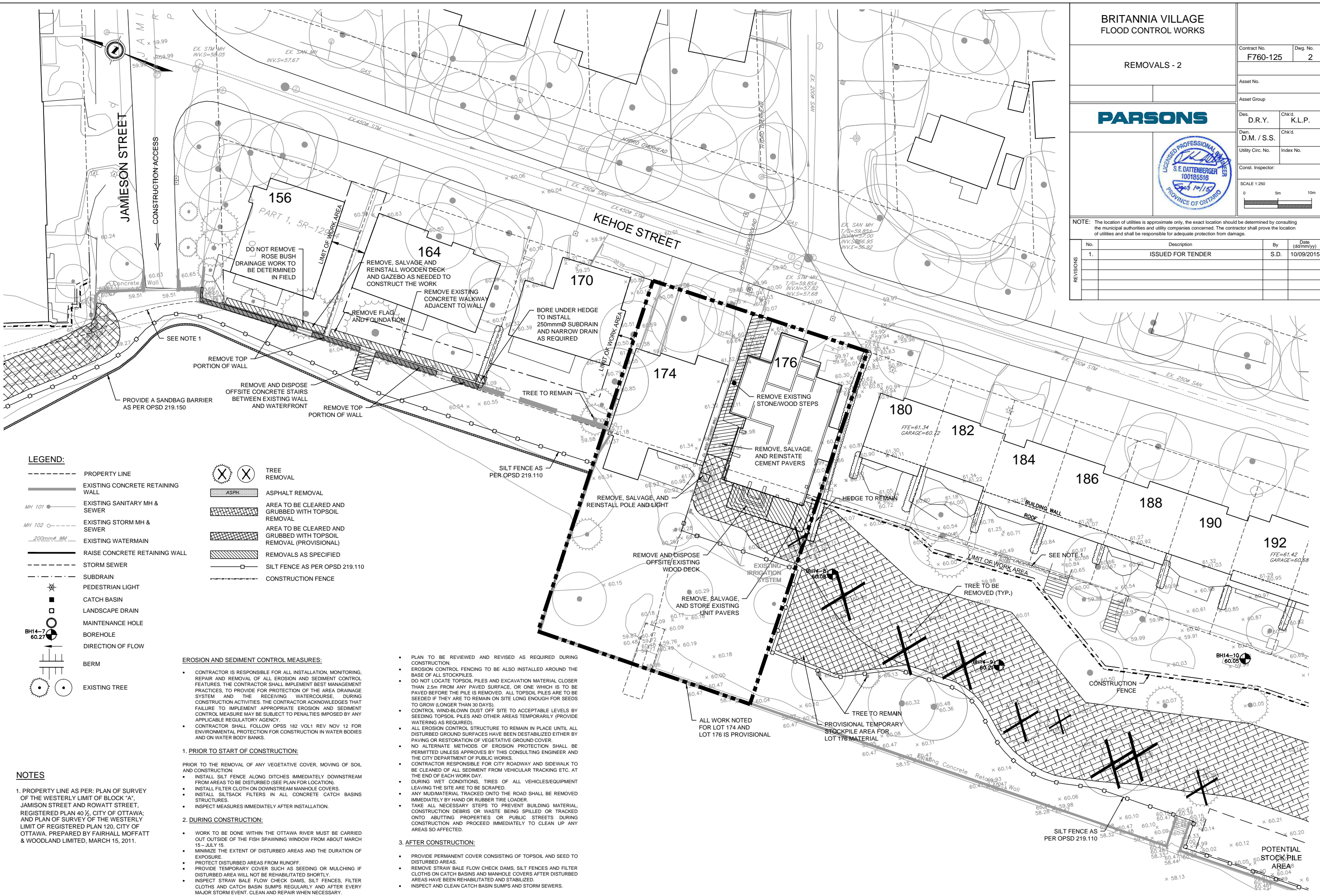
REMOVALS - 2



Contract No.	Dwg. No.
F760-125	2
Asset No.	
Asset Group	
Des.	Chk'd.
D.R.Y.	K.L.P.
Dwn.	Chk'd.
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LEGEND:

- PROPERTY LINE
- EXISTING CONCRETE RETAINING WALL
- MH 101 --- EXISTING SANITARY MH & SEWER
- MH 102 --- EXISTING STORM MH & SEWER
- 200mm# WM --- EXISTING WATERMAIN
- RAISE CONCRETE RETAINING WALL
- STORM SEWER
- SUBDRAIN
- PEDESTRIAN LIGHT
- CATCH BASIN
- LANDSCAPE DRAIN
- MAINTENANCE HOLE
- BOREHOLE
- DIRECTION OF FLOW
- BERM
- EXISTING TREE
- TREE REMOVAL
- ASPH. --- ASPHALT REMOVAL
- AREA TO BE CLEARED AND GRUBBED WITH TOPSOIL REMOVAL
- AREA TO BE CLEARED AND GRUBBED WITH TOPSOIL REMOVAL (PROVISIONAL)
- REMOVALS AS SPECIFIED
- SILT FENCE AS PER OPSD 219.110
- CONSTRUCTION FENCE

EROSION AND SEDIMENT CONTROL MEASURES:

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- CONTRACTOR SHALL FOLLOW OPSD 182 VOL1 REV NOV 12 FOR ENVIRONMENTAL PROTECTION FOR CONSTRUCTION IN WATER BODIES AND ON WATER BODY BANKS.

1. PRIOR TO START OF CONSTRUCTION:

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 - INSTALL SILT FENCE ALONG DITCHES IMMEDIATELY DOWNSTREAM FROM AREAS TO BE DISTURBED (SEE PLAN FOR LOCATION).
 - INSTALL FILTER CLOTH ON DOWNSTREAM MANHOLE COVERS.
 - INSTALL SILTSACK FILTERS IN ALL CONCRETE CATCH BASIN STRUCTURES.
 - INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

2. DURING CONSTRUCTION:

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- MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE.
- PROTECT DISTURBED AREAS FROM RUNOFF.
- PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED SHORTLY.
- INSPECT STRAW BALE FLOW CHECK DAMS, SILT FENCES, FILTER CLOTHS AND CATCH BASIN SUMPS REGULARLY AND AFTER EVERY MAJOR STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.

3. AFTER CONSTRUCTION:

- PLAN TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.
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- CONTROL WIND-BLOWN DUST OFF SITE TO ACCEPTABLE LEVELS BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY PROVIDE WATERING AS REQUIRED.
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NOTES

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Drawing Name: 750mm x 534mm City of Ottawa 2008 (Rev.0)
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LEGEND:

- PROPERTY LINE
- EXISTING CONCRETE RETAINING WALL
- MH 101 --- EXISTING SANITARY MH & SEWER
- MH 102 --- EXISTING STORM MH & SEWER
- 200mm# MM --- EXISTING WATERMAIN
- RAISE CONCRETE RETAINING WALL
- STORM SEWER
- SUBDRAIN
- ☼ PEDESTRIAN LIGHT
- CATCH BASIN
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- BOREHOLE
- DIRECTION OF FLOW
- ▬ BERM
- EXISTING TREE
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- ASPH ASPHALT REMOVAL
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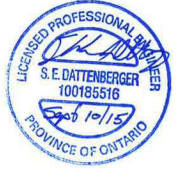
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BRITANNIA VILLAGE FLOOD CONTROL WORKS

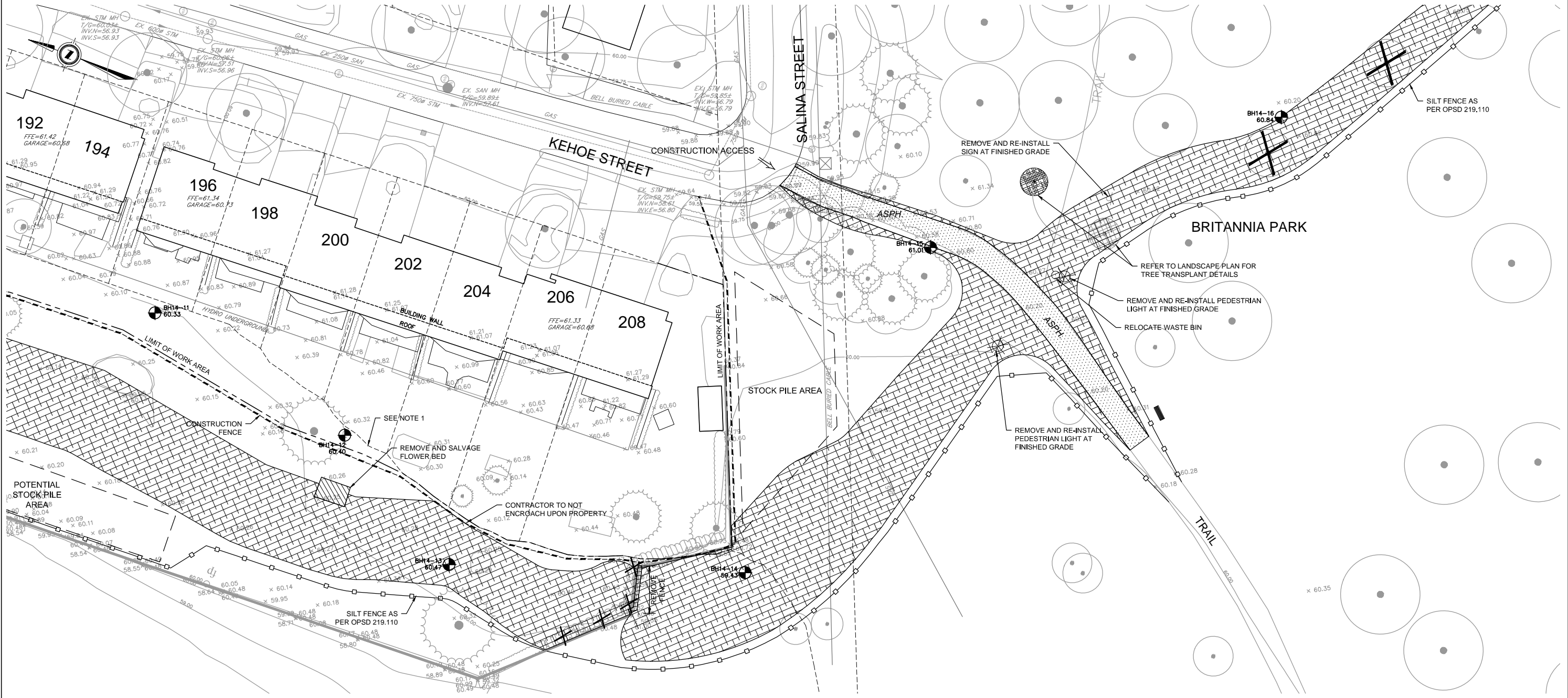
REMOVALS - 3



Contract No.	Dwg. No.
F760-125	3
Asset No.	
Asset Group	
Des.	Chk'd.
D.R.Y.	K.L.P.
Dwn.	Chk'd.
D.M. / S.S.	
Utility Circ. No.	Index No.
Const. Inspector:	
SCALE 1:250	
0 5m 10m	

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LEGEND:

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BRITANNIA VILLAGE FLOOD CONTROL WORKS

REMOVALS - 4

Contract No.	Dwg. No.
F760-125	4
Asset No.	
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