

APPENDIX Q:

RECORD DRAWINGS

(ON DVD)

REMEDIAL ACTION
CONTRACT DRAWINGS

FOR THE
COLLEGE POINT 3
INTERIM REMEDIAL MEASURE DESIGN
NYSDEC SITE NO. 241122
COLLEGE POINT, QUEENS COUNTY, NEW YORK
CONTRACT D007622-42



**Department of
Environmental
Conservation**

Prepared for:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

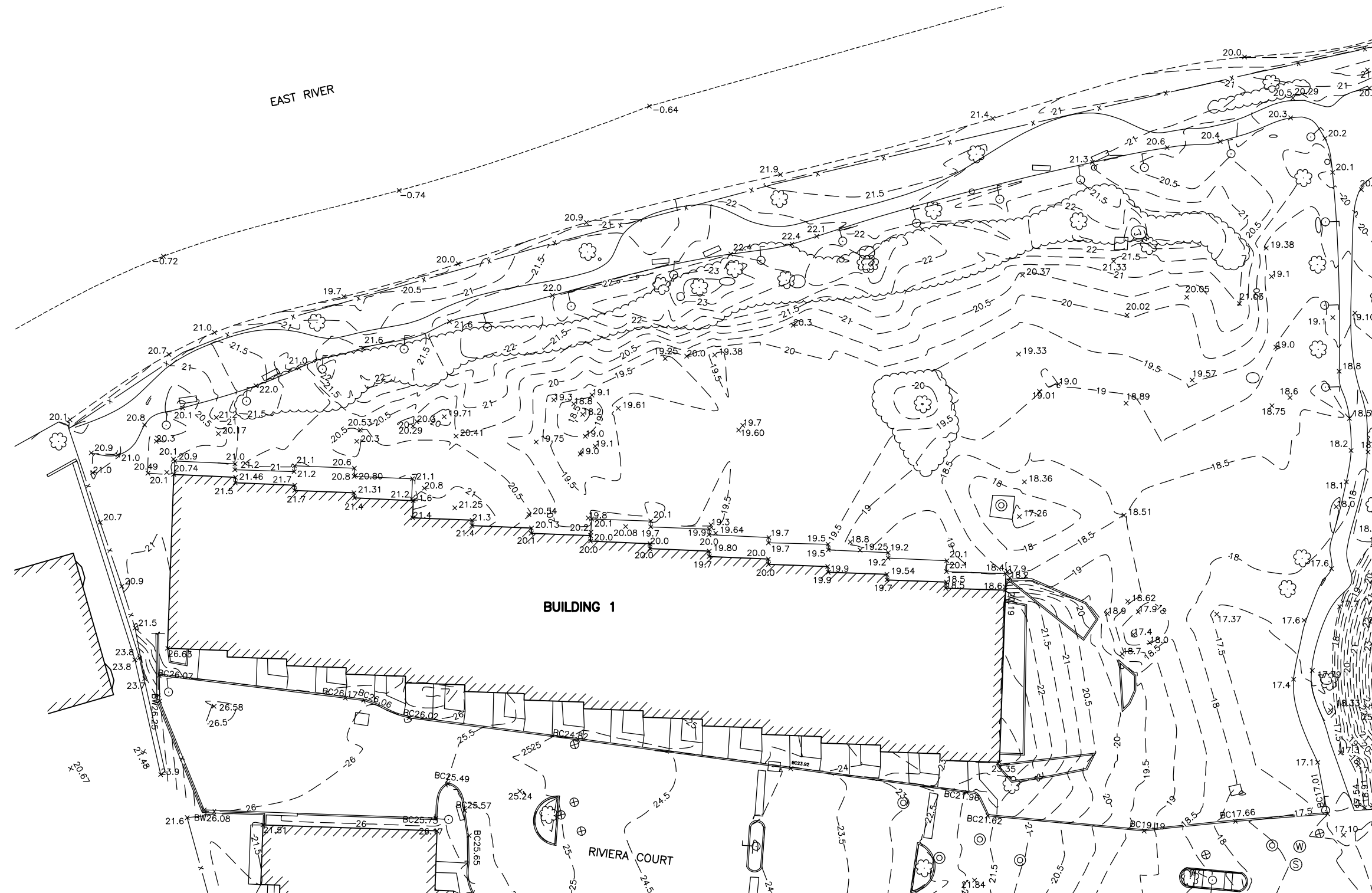
DIVISION OF ENVIRONMENTAL REMEDIATION

DECEMBER 2017
URS Corporation
New York

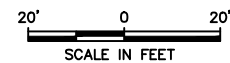
257 West Genesee Street, Suite 400
Buffalo, New York 14202
(716)856-5636 phone - (716)856-2545 fax



RECORD DRAWING



RECORD DRAWING



NOTE:

1. THIS DRAWING HAS NOT BEEN MODIFIED TO REFLECT ACTUAL CONDITIONS AT THE BEGINNING OF CONSTRUCTION. REFER TO SUPPLEMENTAL DRAWING "INITIAL SURVEY (NORTH LAWN AREA)" FOR RECORD CONDITIONS.

[illegible]

REVISIONS



URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

625 BROADWAY
ALBANY, NEW YORK 12233

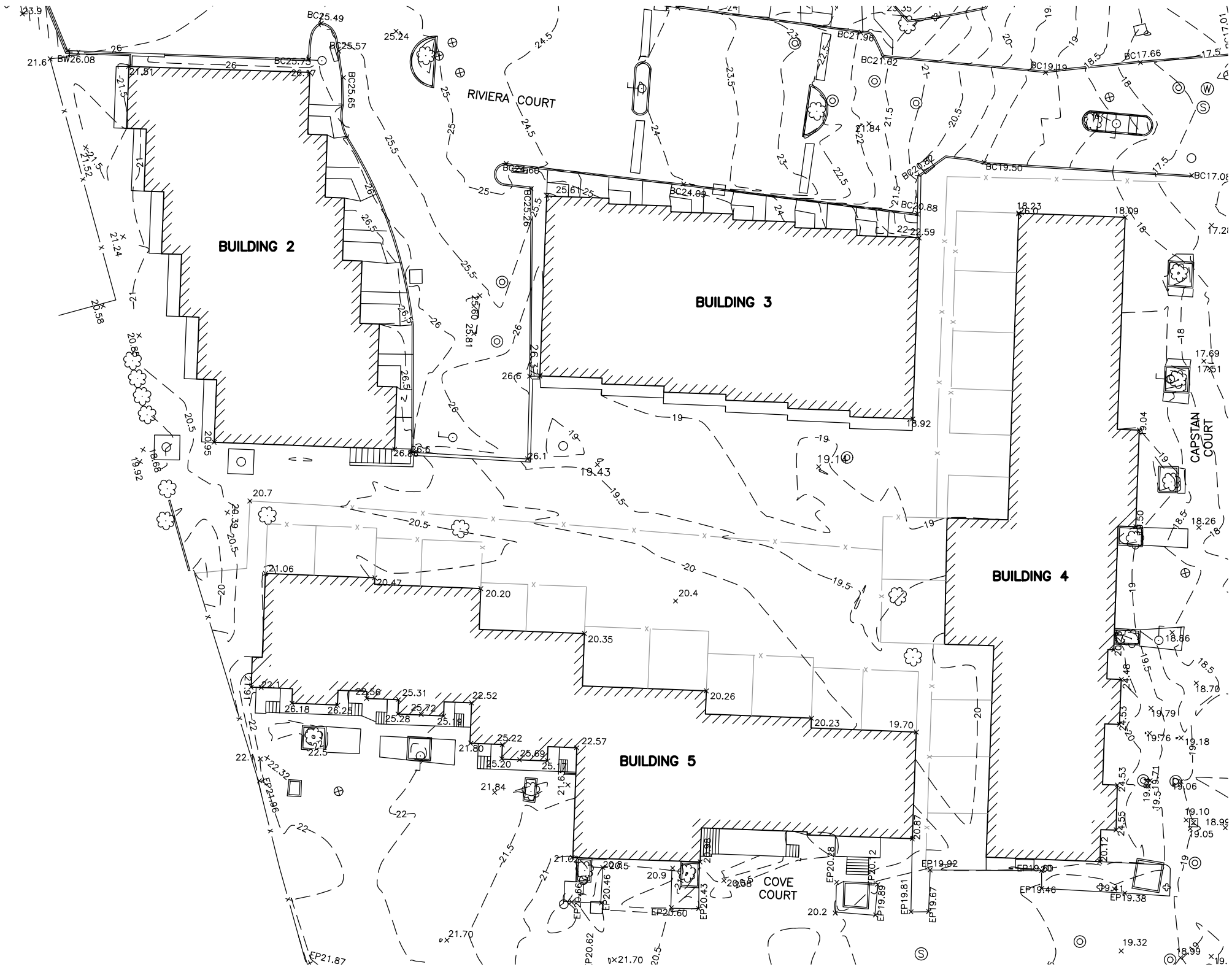
COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

AS SHOWN

INTERIM REMEDIAL
MEASURE DESIGN

EXISTING
SITE CONDITIONS
TOPOGRAPHY
1 OF 2

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-002
CHECKED BY CED	
ARCH/ENGR. RW	



NOTE:

1. THIS DRAWING HAS NOT BEEN MODIFIED TO REFLECT ACTUAL CONDITIONS AT THE BEGINNING OF CONSTRUCTION. REFER TO SUPPLEMENTAL DRAWING "INITIAL SURVEY (SOUTH LAWN AREA)" FOR RECORD CONDITIONS.

[illegible]

1	3/20/19	RAL	RW	CED
0	12/12/17	HAP	RW	CED
NO.	DATE	BY	PROJECT ARCH/ ENGR APPROVAL	DEPT. MGR/SUPR APPROVAL

REVISIONS



URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

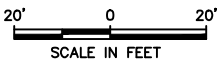
625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL MEASURE DESIGN

EXISTING
SITE CONDITIONS
TOPOGRAPHY
2 OF 2

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-003
CHECKED BY CED	
ARCH/ENGR. RW	





EAST RIVER

— DESIGNATED
SUBCONTRACTOR
TRAILER AREA

NORTH LAWN
REMEDIATION
AREA
52,616± S.F.

BUILDING
1

— BOUNDARY OF 2-FT
REMEDIATION DEPTH
FOLLOWS PROPERTY LINE

SEE NOTE 1
RIVIER
COURT

BUILDING
2BUILDING
3

**CONCRETE
PATIOS
PRESERVED**

BRICK PATIO
REMOVED

BRICK PATIOS
TO BE
PRESERVED
(SEE NOTE 2)

**SOUTH LAWN
REMEDICATION
AREA
27,581± S.F.**

BUILDING
4

CAPSTAN COURT

**WOOD PATIO
PRESERVED**

COMPOSITE
WOOD DECK TO
BE PRESERVED
(SEE NOTE 2)

ING $\angle$

COVE COURT

**CONCRETE
PATIO
PRESERVED**

CONCRETE OR
BRICK PATIOS TO
BE PRESERVED (SEE NOTE 2) —

1 BRICK PAT
PRESERVED
BRICK PAT
REMOVED—

1 CONCRETE PATIO PRESERVED

CONSTITUTION PLACE

POWELL COVE BLVD.

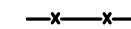
LEGEND:



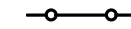
AREA TO BE REMEDIATED TO
1-FOOT BELOW FINAL GRADE



AREA TO BE REMEDIATED TO
2-FEET BELOW FINAL GRADE



- TEMPORARY SECURITY FENCE AND NOISE BARRIER. PROTECT WITH TRAFFIC CONES ALONG DRIVEWAYS AND ROADS. GATES SHALL BE LOCATED AS REQUIRED BY THE SUBCONTRACTOR.



- TEMPORARY NOISE BARRIER/SOUND CURTAIN, SHALL ALSO DISCOURAGE ACCESS TO DISTURBED AREAS BY RESIDENCES. (SHOWN IN APPROXIMATE LOCATION)

NOTES:

1. PLANTER AND ISLAND REMEDIATION NOT SHOWN ON THIS DRAWING. SEE DRAWING C-012 FOR THE REQUIRED EXTENT OF THAT REMEDIATION.
2. MISCELLANEOUS OTHER BRICK, CONCRETE, AND WOOD STRUCTURES THAT ARE TO BE PRESERVED ARE NOT SHOWN. TREES TO BE PRESERVED ARE SHOWN ON DWG. C-005. SEE ALSO DWG. C-005 FOR OTHER ITEMS TO BE PROTECTED. THE SUBCONTRACTOR SHALL IDENTIFY ALL SUCH ITEMS AND DEMARCATE WITH TAPE PRIOR TO ANY EXCAVATION.

[illegible]

REVISIONS



URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

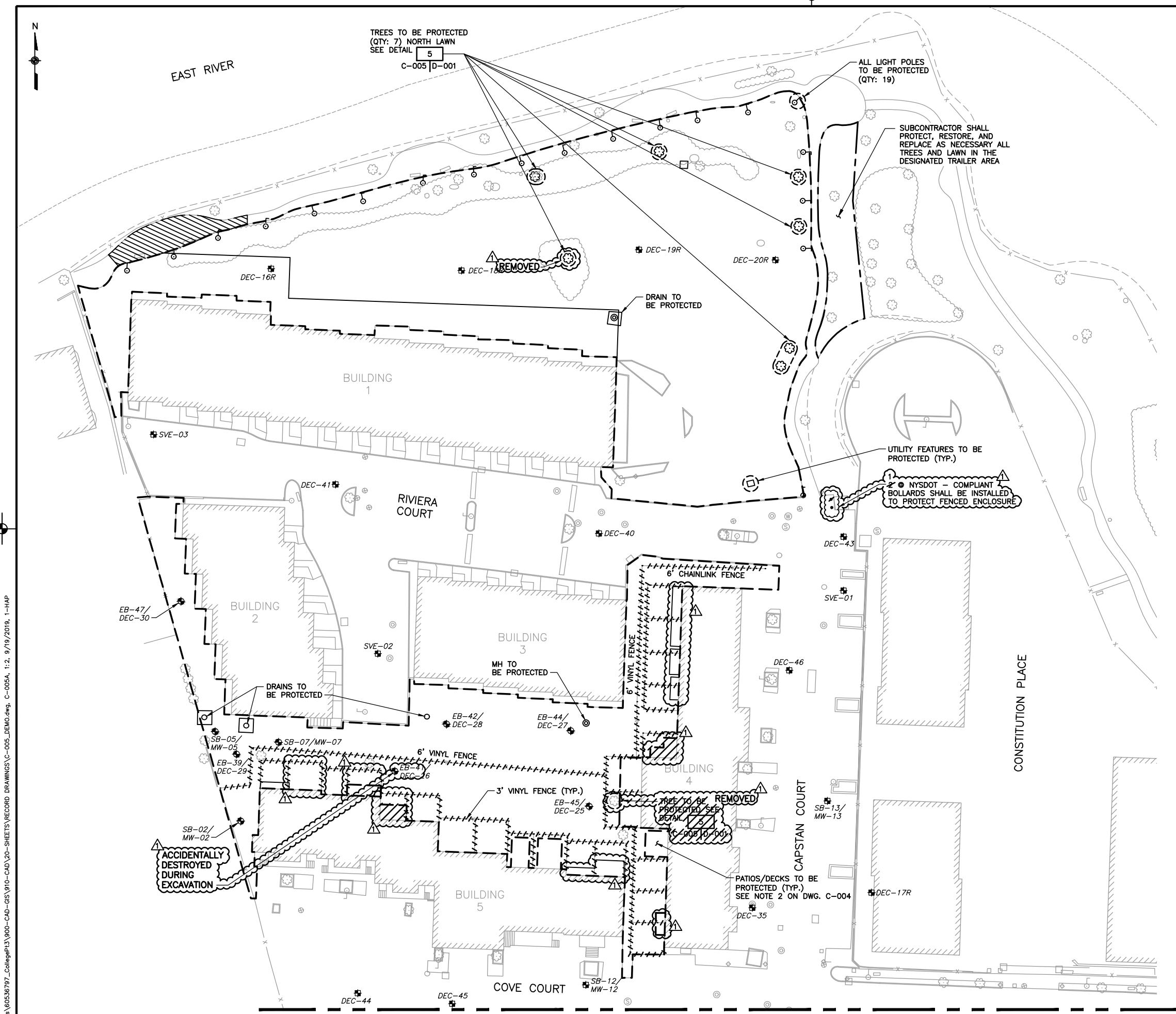
625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

LAWN AREA REMEDIATION PLAN

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-004
CHECKED BY CED	
ARCH/ENGR. RW	



DEMOLITION QUANTITIES		
ITEM	QUANTITY	RESTORATION
3' VINYL FENCE	913'	RESTORE IN KIND
6' VINYL FENCE	401.5'	RESTORE IN KIND
6' CHAINLINK FENCE	74.5'	RESTORE IN KIND

- NOTES:**
- ALL TREES, SHRUBS, ROCKS, PLANTERS, ETC. WITHIN LIMITS OF EXCAVATION SHOWN ON DRAWING C-004 SHALL BE REMOVED, EXCEPT THOSE IDENTIFIED TO BE PROTECTED.
 - ALL FOOTINGS, POSTS, ETC. THAT SUPPORT DECKS, PORCHES, ETC. SHALL BE PROTECTED IN ACCORDANCE WITH DETAIL 1. NOTE THAT THESE ARE NOT SHOWN ON THE DRAWINGS.
C-005 | D-001
 - PATHS, LIGHT POLES, MANHOLES, DECKS, AND PATIOS SHALL BE PROTECTED WHEN REQUIRED IN ACCORDANCE WITH DETAIL 2.
C-005 | D-001
 - NOTE THAT POURED CONCRETE PATIOS, WALKWAYS, STOOPS, ETC. SHALL BE PROTECTED, THOUGH NOT ALL ARE SHOWN.
 - PROTECTION OF SELECTED TREES SHALL BE IN ACCORDANCE WITH DETAIL 5.
C-005 | D-001

- LEGEND:**
- EXISTING MONITORING WELLS TO BE ABANDONED
DEC-43
 - FENCE TO BE REMOVED (AND REPLACED DURING RESTORATION)
+++++
 - EXISTING MONITORING WELLS TO BE PROTECTED
EB-42/
DEC-28

REVISIONS					
NO.	DATE	BY	PROJECT ARCHT	DEPT MARK/SUPR	ENGR APPROVAL
1	3/20/19	RAL	RW	CEJ	
0	12/12/17	HAP	RW	CEJ	



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-3636 phone (716)856-2345 fax

**NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION**
625 BROADWAY
ALBANY, NEW YORK 12233

**COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122**

**INTERIM REMEDIAL
MEASURE DESIGN**

**DEMOLITION, PROTECTION,
AND CLEARING PLAN**

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE DECEMBER 2017	60536797
DRAWN BY HAP	SCALE AS SHOWN
CHECKED BY CED	C-005A
ARCH/ENGR. RW	



MATCH LINE - FOR CONTINUATION SEE DWG. C-005A

POWELL COVE BLVD.

121st ST.

KETCH COURT

KETCH COURT

DEC-48

SVE-04

DEC-49

DEC-50

Hyd.

NOTES:

1. ALL TREES, SHRUBS, ROCKS, PLANTERS, ETC. WITHIN LIMITS OF EXCAVATION SHOWN ON DRAWING C-004 SHALL BE REMOVED, EXCEPT THOSE IDENTIFIED TO BE PROTECTED.
2. ALL FOOTINGS, POSTS, ETC. THAT SUPPORT DECKS, PORCHES, ETC. SHALL BE PROTECTED IN ACCORDANCE WITH DETAIL

1

 NOTE THAT THESE ARE NOT SHOWN ON THE DRAWINGS.
C-005 | D-001
3. PATHS, LIGHT POLES, MANHOLES, DECKS, AND PATIOS SHALL BE PROTECTED WHEN REQUIRED IN ACCORDANCE WITH DETAIL

2

 NOTE THAT AND POURED CONCRETE
C-005 | D-001

PATIOS, WALKWAYS, STOOPS, ETC. SHALL BE PROTECTED,
THOUGH NOT ALL ARE SHOWN.

4. PROTECTION OF SELECTED TREES SHALL BE IN
ACCORDANCE WITH DETAIL 5
C-005 | D-001

LEGEND:

-  EXISTING MONITORING WELLS
TO BE ABANDONED
- DEC-43
-  FENCE TO BE REMOVED
(AND REPLACED DURING RESTORATION)
- +++++
-  EXISTING MONITORING WELLS
TO BE PROTECTED
- EB-42/
DEC-28

[illegible]

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

DEMOLITION, PROTECTION, AND CLEARING PLAN

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-005B
CHECKED BY CED	
ARCH/ENGR. RW	

- AREA OF WALKWAY RESTORATION: SUBCONTRACTOR SHALL REMOVE AND SALVAGE BENCHES, HEXAGONAL PAVERS, AND METAL EDGING FROM HEAVED PORTION OF THE PATH, SHALL RESTORE A LEVEL AND UNIFORM SUBGRADE, AND SHALL REPLACE THE GEOTEXTILE, BEDDING, PAVERS, BENCHES (WITH NEW FOOTINGS) AND METAL EDGING TO MATCH THE GRADE OF THE SURROUNDING, EXISTING WALKWAY AND FINAL GRADES OF ADJACENT LAWN AREA.

LIMIT OF REMEDIAL
EXCAVATION - NORTH LAWN AREA

PROTECT TREES (TYP. 7) AS
SHOWN ON DETAIL 5
C-005 D-001

PROTECT CONCRETE STRUCTURES,
WALKWAYS, ETC. IN ACCORDANCE
WITH DETAIL 2
C-005 D-001

NOTE:

1. THIS DRAWING HAS NOT BEEN MODIFIED TO REFLECT RECORD TOPOGRAPHY. REFER TO SUPPLEMENTAL DRAWING "EXCAVATION SURVEY (NORTH LAWN AREA)" FOR RECORD TOPOGRAPHY.

N 715417.24
E 672711.50

BUILDING 1

— 1-FT. WIDE AT 1V:1H TRANSITION
ZONE BETWEEN 1-FT. AND 2-FT.
DEPTHS OF REMEDIATION

RIVIERA COURT

EXCAVATION LAYOUT TABLE
- BOUNDARY OF 2-FT.
DEPTH OF REMEDIATION

POINT	NORTHING	EASTING
Ⓐ	715,375.8	672,964.3
Ⓑ	715,383.0	672,764.5
Ⓒ	715,407.6	672,765.3
Ⓓ	715,410.4	672,688.7

NOTES:

1. THE DEPTH OF EXCAVATION NECESSARY TO PLANT TREES AND SHRUBS SHOWN ON C-010 SHALL BE DETERMINED BY THE SUBCONTRACTOR BASED ON THE SIZES OF THE ROOT BALLS OF THE TREES AND SHRUBS ACTUALLY PROVIDED.

LEGEND:

- 20.5 — PROPOSED SUBGRADE CONTOUR

- - 20.5 - - EXISTING GRADE CONTOUR

16.50
+ PROPOSED SUBGRADE SPOT ELEVATION
ON A 20'-FT GRID

+ -1.00 DEPTH OF CUT FROM EXISTING TO PROPOSED
SUBGRADE ELEVATIONS AT THAT LOCATION

○ PLANTING BED AREAS, WHICH MAY REQUIRE DEEPER
EXCAVATION FOR PLANTINGS (SEE NOTE 1)

Ⓐ EXCAVATION LAYOUT POINT (SEE TABLE THIS DRAWING)

A horizontal scale bar with a central point labeled '0'. To the left of '0' is a tick mark labeled '20'', and to the right is another tick mark labeled '20''. The bar is divided into two equal segments by the central point. Below the bar, the text 'SCALE IN FEET' is centered.

RECORD DRAWING

[illegible]

URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

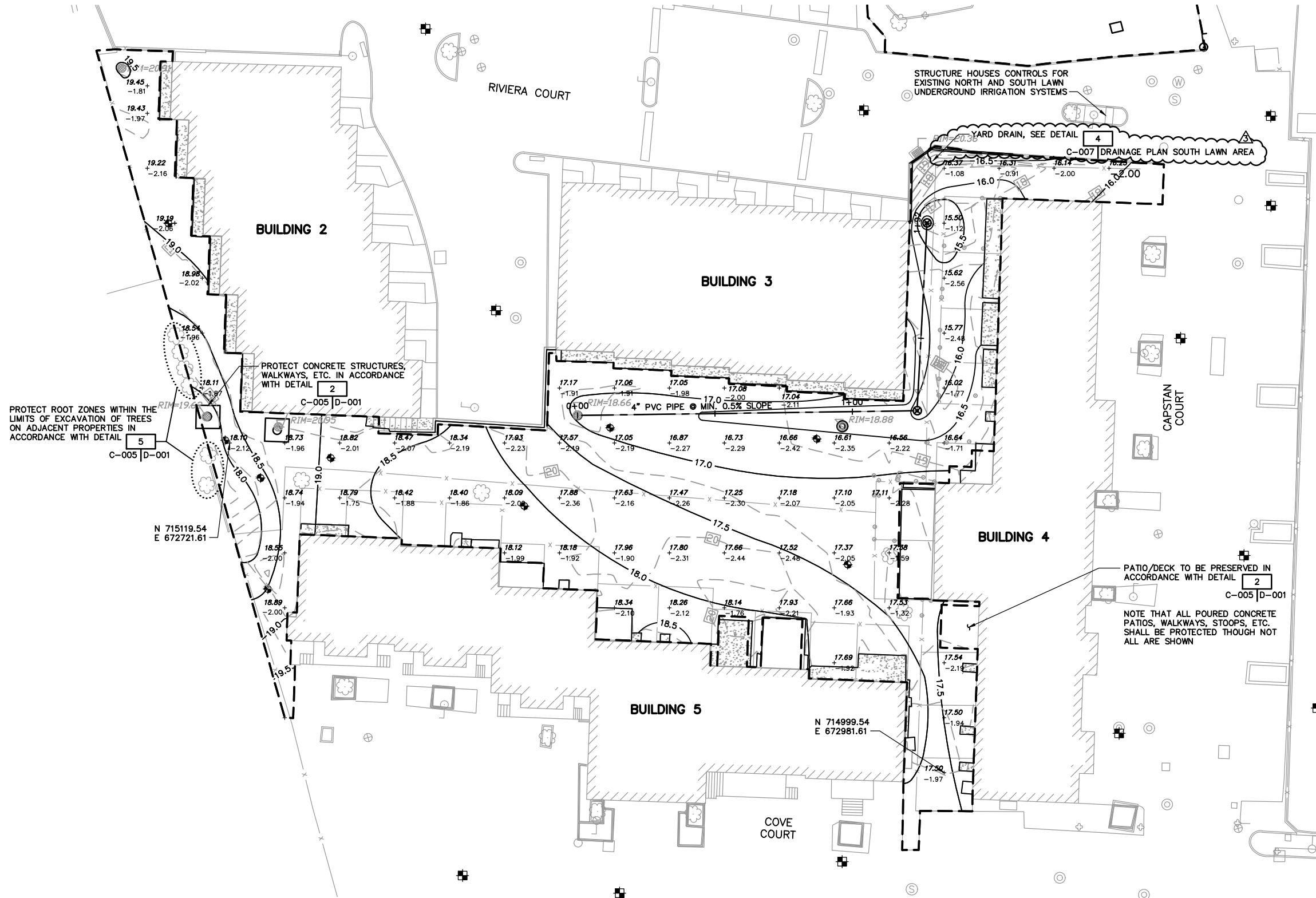
625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

SUBGRADE
GRADING PLAN
NORTH LAWN AREA

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-006
CHECKED BY CED	
ARCH/ENGR. RW	



NOTE:
1. THIS DRAWING HAS NOT BEEN MODIFIED TO REFLECT RECORD TOPOGRAPHY. REFER TO SUPPLEMENTAL DRAWING "EXCAVATION SURVEY (SOUTH LAWN AREA)" FOR RECORD TOPOGRAPHY. REFER TO SUPPLEMENTAL DRAWING "DRAINAGE PLAN SOUTH LAWN AREA" FOR RECORD DRAINAGE STRUCTURES.

PROTECT ROOT ZONES WITHIN THE LIMITS OF EXCAVATION OF TREES ON ADJACENT PROPERTIES IN ACCORDANCE WITH DETAIL 5

BUILDING 2

BUILDING 3

BUILDING 4

BUILDING 5

RIVIERA COURT

CAPSTAN COURT

COVE COURT

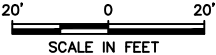
NOTES:

- THE DEPTH OF EXCAVATION NECESSARY TO PLANT TREES AND SHRUBS SHOWN ON C-011 SHALL BE DETERMINED BY THE SUBCONTRACTOR BASED ON THE SIZES OF THE ROOT BALLS OF THE TREES AND SHRUBS ACTUALLY PROVIDED.
- EXISTING GRADES AND REQUIRED DEPTH OF CUT IN CERTAIN AREAS SHOWN ON THIS DRAWING, ARE UNKNOWN. ONLY THE REQUIRED SUBGRADE ELEVATIONS ARE SHOWN IN THOSE AREAS.
- NUMEROUS FOOTINGS, ETC. ARE PRESENT IN THIS AREA BUT ARE NOT SHOWN ON THIS DRAWING. THEY SHALL BE PROTECTED IN ACCORDANCE WITH DETAIL 1

LEGEND:

- 20.5 — PROPOSED SUBGRADE CONTOUR
- - 20.5 - - EXISTING GRADE CONTOUR
- + 16.50 + PROPOSED SUBGRADE SPOT ELEVATION ON A 20'-FT GRID
- + -1.00 DEPTH OF CUT FROM EXISTING TO PROPOSED SUBGRADE ELEVATIONS AT THAT LOCATION

RECORD DRAWING



NO.	DATE	BY	PROJECT ARCHT	DEPT MARK/SUPR	ENGR APPROVAL
3	3/20/19	RAL	RW		CED
2	04/24/18	HAP	RW		CED
1	06/02/18	RAE	RW		CED
0	12/12/17	HAP	RW		CED

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-3636 phone (716)856-2345 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION
625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

SUBGRADE GRADING PLAN
SOUTH LAWN AREA

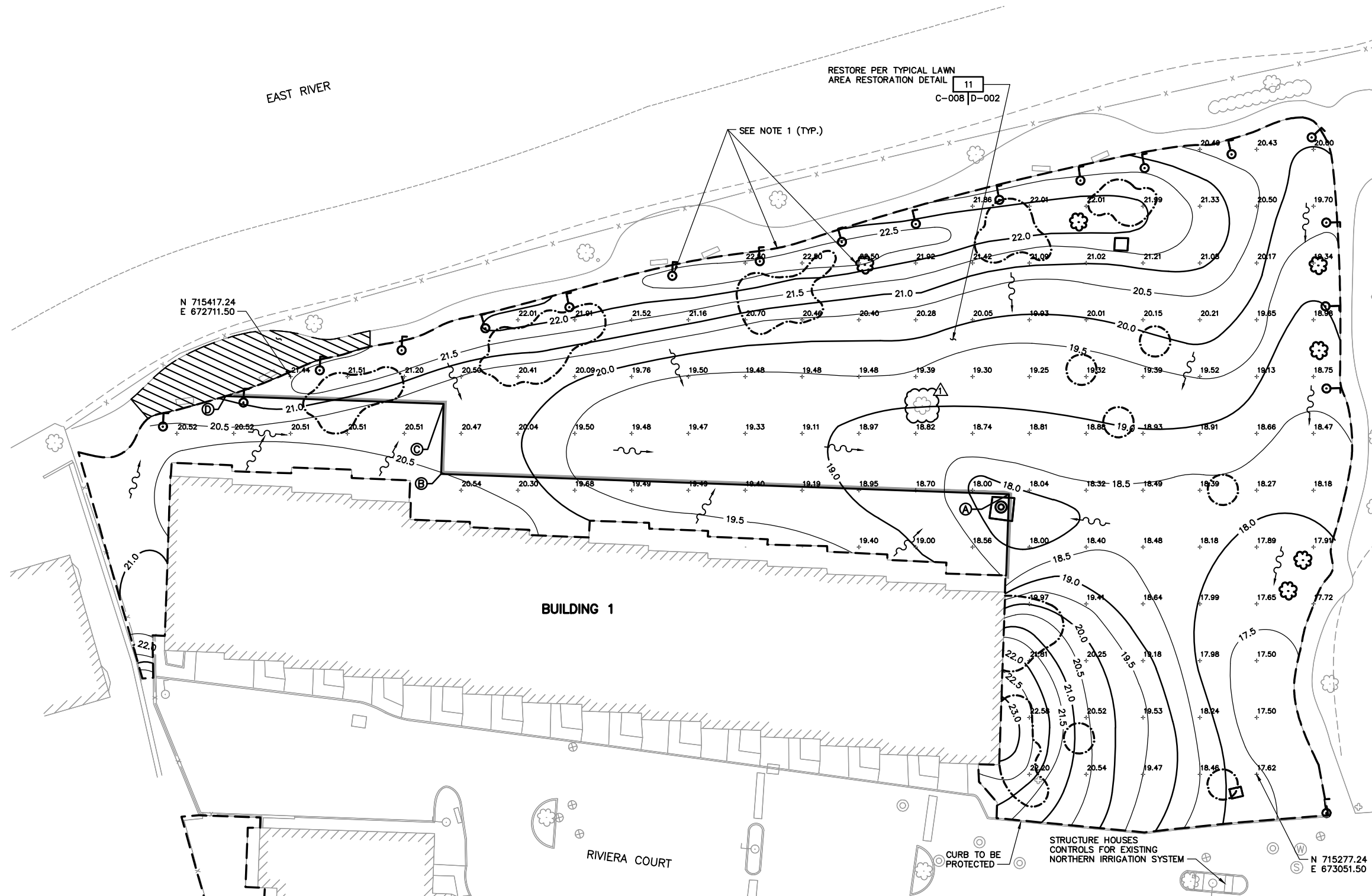
OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	

C-007

J:\Projects\60536797_CollegePt3\900-CAD-CAD\20-SHEETS\RECORD DRAWINGS\C-006_C-008_TOPO - PROPOSED GRADING-NEW.dwg, C-008, 1:2, 9/7/2019, 1-HAP



PROJECT NO.
SHEET NO.



NOTE:
1. THIS DRAWING HAS NOT BEEN MODIFIED TO REFLECT RECORD TOPOGRAPHY. REFER TO SUPPLEMENTAL DRAWING "AS-BUILT SURVEY (NORTH LAWN AREA)" FOR RECORD TOPOGRAPHY.

NOTES:

1. RESTORED GRADES SHALL MATCH PRE-EXISTING GRADES AT ALL FEATURES SHOWN TO BE PRESERVED INCLUDING TREES, AND ALONG EDGES OF EXCAVATION AREA (PATHS AND BUILDINGS).
2. FINAL GRADES SHALL DRAIN AWAY FROM BUILDINGS.
3. PROPOSED PLANTING FROM DWG. C-010 NOT SHOWN.
4. THE SUBCONTRACTOR SHALL REPLACE THE EXISTING UNDERGROUND IRRIGATION SYSTEM WITH A NEW SYSTEM THAT PROVIDES EQUAL SERVICE TO THE NORTH LAWN AREA.

LEGEND:

- TREE TO BE PRESERVED (SEE DRAWING C-004)
- FINAL GRADE CONTOUR
- FINAL GRADE SPOT ELEVATION ON GRID SHOWN (20'-FT SPACING)
- PLANTING BED AREAS
- DIRECTION OF OVERLAND FLOW

RECORD DRAWING

20' 0 20'
SCALE IN FEET

NO.	DATE	BY	PROJECT ARCHT	DEPT MARK/SUPR	ENGR APPROVAL
1	3/20/19	RAL	RW		CED
0	12/12/17	HAP	RW		CED

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-3636 phone (716)856-2345 fax

**NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION**

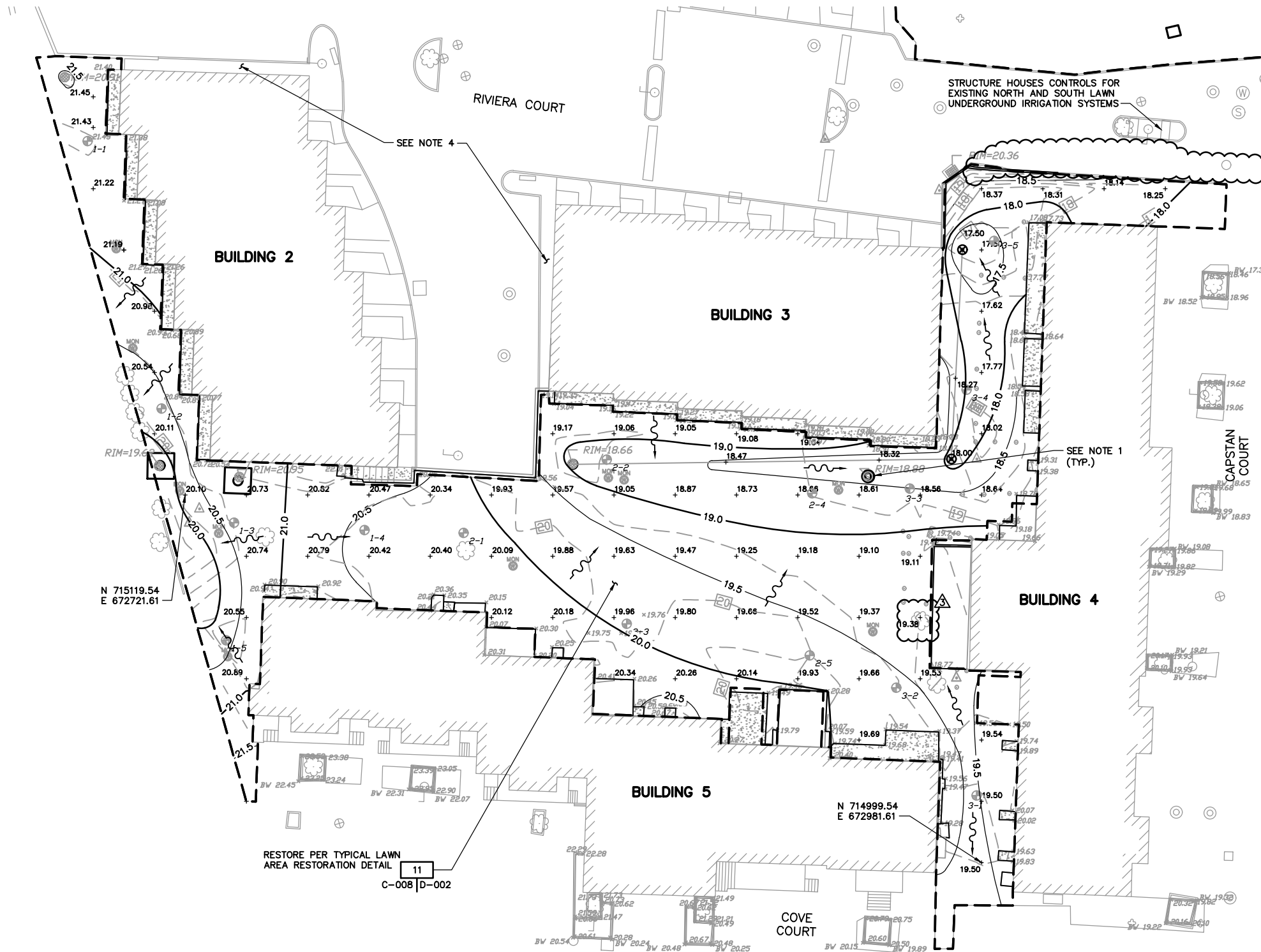
625 BROADWAY
ALBANY, NEW YORK 12233

**COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122**

**INTERIM REMEDIAL
MEASURE DESIGN**

**FINAL GRADING PLAN
NORTH LAWN AREA**

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE DECEMBER 2017	60536797
DRAWN BY HAP	SCALE AS SHOWN
CHECKED BY CED	C-008
ARCH/ENGR. RW	



NOTE:
1. THIS DRAWING HAS NOT BEEN MODIFIED TO REFLECT RECORD TOPOGRAPHY. REFER TO SUPPLEMENTAL DRAWING "AS-BUILT SURVEY (SOUTH LAWN AREA)" FOR RECORD TOPOGRAPHY. REFER TO SUPPLEMENTAL DRAWING "DRAINAGE PLAN SOUTH LAWN AREA" FOR RECORD DRAINAGE STRUCTURES.

NO.	DATE	BY	PROJECT ARCHT	DEPT MARK/SUPR	ENGR APPROVAL
3	3/20/19	RAL	RW		CED
2	04/24/18	HAP	RW		CED
1	06/02/18	RAE	RW		CED
0	12/12/17	HAP	RW		CED

REVISIONS



URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-3636 phone (716)856-2345 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

FINAL GRADING PLAN
SOUTH LAWN AREA

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	60536797
DECEMBER 2017	SCALE
DRAWN BY	AS SHOWN
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	

C-009

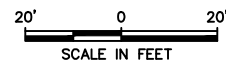
NOTES:

- RESTORED GRADES SHALL MATCH PRE-EXISTING GRADES AT ALL FEATURES TO BE PRESERVED INCLUDING TREES, AND ALONG EDGES OF EXCAVATION AREA (PATHS AND BUILDINGS).
- FINAL GRADES SHALL DRAIN AWAY FROM BUILDINGS.
- PROPOSED PLANTINGS AND RESTORED FENCES FROM DWG. C-011 NOT SHOWN.
- THE SUBCONTRACTOR SHALL REPLACE IN-KIND ALL PIPING, VALVES, SPRINKLER HEADS, ETC. OF THE EXISTING UNDERGROUND IRRIGATION SYSTEM LOCATED IN THE ISLANDS SHOWN AND IN THE SOUTH LAWN AREA.

LEGEND:

- TREE TO BE PRESERVED (SEE DRAWING C-004)
- FINAL GRADE CONTOUR
- FINAL GRADE SPOT ELEVATION ON GRID SHOWN (20-FT SPACING)
- DIRECTION OF OVERLAND FLOW

RECORD DRAWING



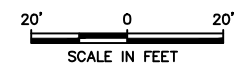


Trees			
Symbol	Botanical Name	Common Name	Quantity
Proposed:			
AR	<i>Acer rubrum</i>	Red Maple	2
CS	<i>Catalpa speciosa</i>	Catalpa	1
CV	<i>Crataegus viridis</i> 'Winter King'	Green Hawthorn	3
GT	<i>Gleditsia triacanthos</i> 'Skyline'	Honey Locust	2
MV	<i>Magnolia virginiana</i>	Sweetbay Magnolia	3
PA	<i>Platanus x acerifolia</i>	London Plane Tree	2
Existing, To Be Preserved:			
(AR)	<i>Acer rubrum</i>	Red Maple	1
(PM)	<i>Pinus muricata</i>	Bishop Pine	2
(PS)	<i>Pinus strobus</i>	White Pine	1
(QP)	<i>Quercus palustris</i>	Pin Oak	1
(T spp.)	<i>Tilia spp.</i>	Linden	1
Shrubs			
	Botanical Name	Common Name	Quantity
BC	<i>Aronia melanocarpa</i>	Black Chokeberry	3
CH	<i>Cephalotaxus harringtonia</i> 'Duke Gardens'	Yew	3
HS	<i>Hibiscus syriacus</i>	Rose of Sharon	20
HQ	<i>Hydrangea quercifolia</i> 'Pee Wee'	Pee Wee Hydrangea	7
PG	<i>Picea glauca</i> 'Conica'	Dwarf Alberta Spruce	25
RR	<i>Rosa rugosa</i>	Salt spray Rose	6
TO	<i>Thuja occidentalis</i>	Arborvitae	22
VC	<i>Viburnum carlesii</i>	Koreanspice Viburnum	17
YF	<i>Yucca filamentosa</i>	Yucca	19
Grasses			
	Botanical Name	Common Name	Quantity
MS	<i>Miscanthus sinensis</i>	Maiden Grass	16
PV	<i>Panicum virgatum</i>	Switch Grass	7

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-010
CHECKED BY CED	
ARCH/ENGR. RW	

20' 0 20'

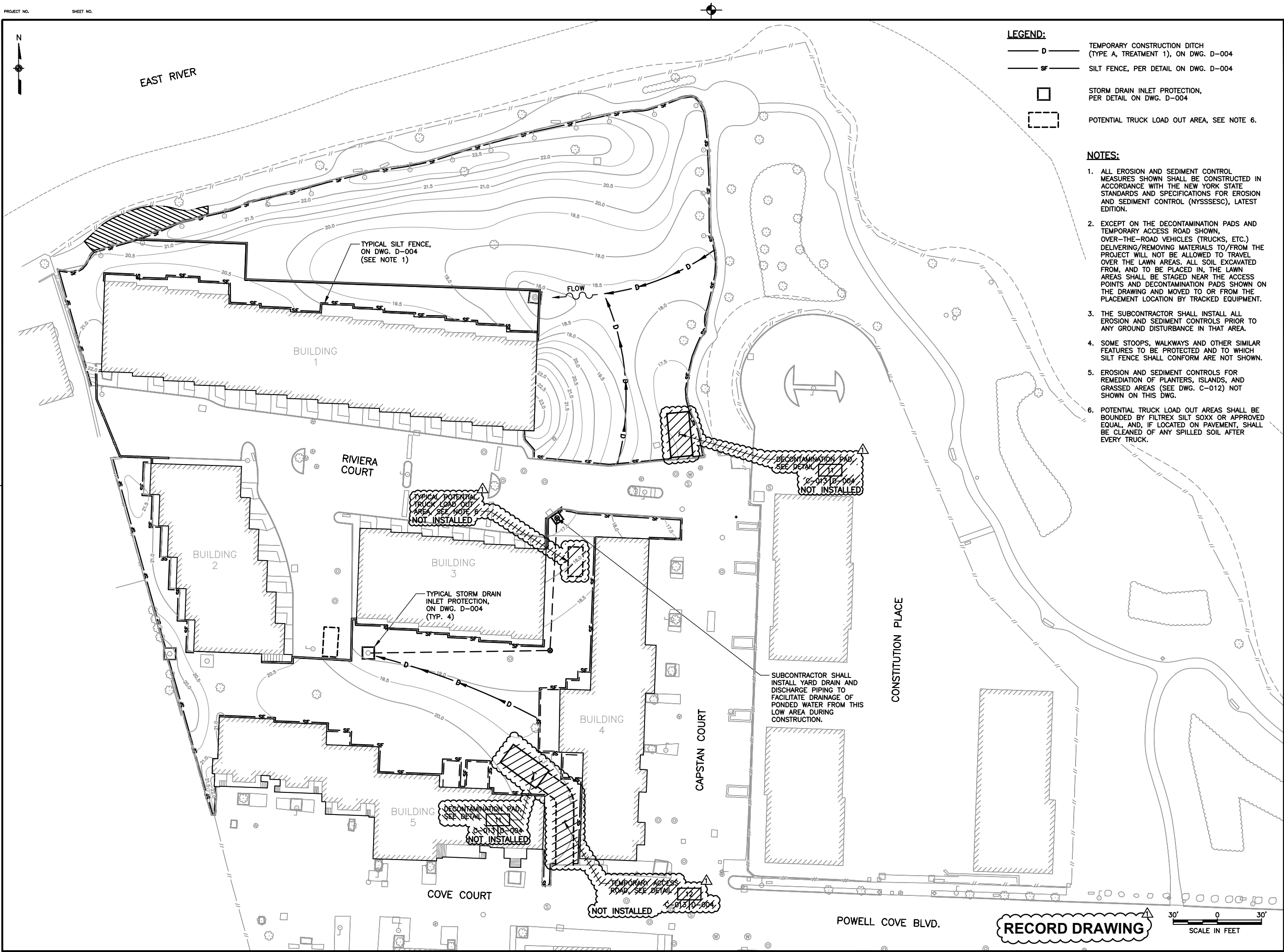
SCALE IN FEET



Yard Area	REPLACEMENT ORNAMENTAL PLANTINGS		
	Quantities	Species	Common Name
1	As Needed	Sod	
2	As Needed	Sod	
3	6	Hibiscus Syriacus	Rose of Sharon
4	2	Thuja Occidentalis	Arborvitae
	2	Rosa Rugosa	Saltspray Rose
5	As Needed	Sod	
	6	Thuja Occidentalis	Arborvitae
6	1	Hydrangea quercifolia "Pee Wee"	Pee Wee Hydrangea
	3	Rosa Rugosa	Saltspray Rose
7	1	Gleditsia Triacanthos	Honey Locust
8	As Needed	Sod	
	1	Gleditsia Triacanthos	Honey Locust
9	1	Rosa Rugosa	Saltspray Rose
10	1	Gleditsia Triacanthos	Honey Locust
11	As Needed	Sod	
12	As Needed	Sod	
	1	Prunus cerasifera "Thundercloud"	Thundercloud Plum
13	1	Hibiscus Syriacus	Rose of Sharon
	1	Rosa Rugosa	Saltspray Rose
14	2	Gleditsia Triacanthos	Honey Locust
15	20	Thuja Occidentalis	Arborvitae
16	As Needed	Sod	
17	As Needed	Sod	
18	As Needed	Sod	
	2	Hydrangea quercifolia "Pee Wee"	Pee Wee Hydrangea
	1	Prunus cerasifera "Thundercloud"	Thundercloud Plum
19	1	Gleditsia triacanthos	Honey Locust
	1	Rosa Rugosa	Saltspray Rose
	1	Viburnum Carlesii	Korean Spice Viburnum
	3	Cephalotaxus harringtonia "Duke Gardens"	Yew
20	As Needed	Sod	
21	As Needed	Sod	
22	2	Rosa Rugosa	Saltspray Rose
23	As Needed	Sod	
24	4	Plants Purchased By Homeowner	

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	C-011
CHECKED BY CED	
ARCH/ENGR. RW	

J:\Projects\60536797_CollegePt3\900-CAD-CAD\20-SHEETS\RECORD DRAWINGS\C-013.dwg, C-013, 1:2, 9/5/2019, 1--HAP



LEGEND:

- D — TEMPORARY CONSTRUCTION DITCH (TYPE A, TREATMENT 1), ON DWG. D-004
- SF — SILT FENCE, PER DETAIL ON DWG. D-004
- STORM DRAIN INLET PROTECTION, PER DETAIL ON DWG. D-004
- POTENTIAL TRUCK LOAD OUT AREA, SEE NOTE 6.

NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (NYSSSEC), LATEST EDITION.
2. EXCEPT ON THE DECONTAMINATION PADS AND TEMPORARY ACCESS ROAD SHOWN, OVER-THE-ROAD VEHICLES (TRUCKS, ETC.) DELIVERING/REMOVING MATERIALS TO/FROM THE PROJECT WILL NOT BE ALLOWED TO TRAVEL OVER THE LAWN AREAS. ALL SOIL EXCAVATED FROM, AND TO BE PLACED IN, THE LAWN AREAS SHALL BE STAGED NEAR THE ACCESS POINTS AND DECONTAMINATION PADS SHOWN ON THE DRAWING AND MOVED TO OR FROM THE PLACEMENT LOCATION BY TRACKED EQUIPMENT.
3. THE SUBCONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROLS PRIOR TO ANY GROUND DISTURBANCE IN THAT AREA.
4. SOME STOOPS, WALKWAYS AND OTHER SIMILAR FEATURES TO BE PROTECTED AND TO WHICH SILT FENCE SHALL CONFORM ARE NOT SHOWN.
5. EROSION AND SEDIMENT CONTROLS FOR REMEDIATION OF PLANTERS, ISLANDS, AND GRASSED AREAS (SEE DWG. C-012) NOT SHOWN ON THIS DWG.
6. POTENTIAL TRUCK LOAD OUT AREAS SHALL BE BOUNDED BY FILTREX SILT SOXX OR APPROVED EQUAL, AND, IF LOCATED ON PAVEMENT, SHALL BE CLEANED OF ANY SPILLED SOIL AFTER EVERY TRUCK.

1	3/20/19	RAL	RW	CED
0	12/12/17	HAP	RW	CED
NO.	DATE	BY	PROJECT ARCH/ENGR	DEPT. WORK/SUPR. ENGR. APPROVAL

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-3636 phone (716)856-2345 fax

**NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION**
625 BROADWAY
ALBANY, NEW YORK 12233

**COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122**

**INTERIM REMEDIAL
MEASURE DESIGN**

**LAWN AREAS
EROSION AND SEDIMENT
CONTROL PLAN**

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	

C-013

RECORD DRAWING

30' 0 30'
SCALE IN FEET



EAST RIVER

- LEGEND:**
- APPROXIMATE AREA OF COVERAGE OF EXISTING NORTHERN IRRIGATION SYSTEM (SEE NOTE 1)
 - AREA WITHIN WHICH IS LOCATED BURIED PIPING OF SOUTHERN IRRIGATION SYSTEM (SEE NOTE 4)

- NOTES:**
- THE EXACT CONFIGURATION OF THE NORTHERN IRRIGATION SYSTEM IS UNKNOWN. IT HAS 5 ZONES IN THE NORTH LAWN AND 3 ZONES IN THE SOUTH LAWN AREA.
 - SUBCONTRACTOR SHALL REDESIGN AND INSTALL A NEW UNDERGROUND IRRIGATION SYSTEM TO REPLACE THE EXISTING NORTHERN SYSTEM.
 - THE EXTENT OF THE EXISTING NORTHERN IRRIGATION SYSTEM IS SHOWN ON THIS DRAWING WITH RESPECT TO THE PROPOSED RESTORED CONDITIONS. THE SUBCONTRACTOR SHALL DESIGN AND INSTALL THE REPLACEMENT NORTHERN IRRIGATION SYSTEM TO SERVICE THE PROPOSED CONDITIONS.
 - THE SUBCONTRACTOR SHALL REPLACE IN KIND ALL BURIED PIPING ENCOUNTERED OF THE SOUTHERN IRRIGATION SYSTEM, INCLUDING CLEANING, VALVES, SPRINKLER HEADS, ETC.
 - IRRIGATION PIPING FOR THE NORTHERN SYSTEM SHALL BE INSTALLED ACCORDING TO DETAIL 12
 - SEE IRRIGATION SYSTEM AS-BUILT SUBMITTALS FOR RECORD CONDITIONS.

C-014 D-002

BUILDING 1

TWO PLANTER BEDS WITH INDEPENDENT IRRIGATION/SPRINKLER SYSTEMS TO BE PROTECTED

RIVIERA COURT

BUILDING 2

BUILDING 3

LOCATION OF EXISTING CONTROLLER FOR NORTHERN IRRIGATION SYSTEM.

CONSTITUTION PLACE

ONE ZONE OF THE NORTHERN IRRIGATION SYSTEM, WHICH SHALL BE PROTECTED AND INCORPORATED INTO THE NEW SYSTEM.

BUILDING 4

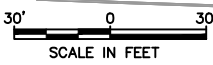
CAPSTAN COURT

BUILDING 5

COVE COURT

POWELL COVE BLVD.

RECORD DRAWING



NO.	DATE	BY	PROJECT ARCHT	DEPT WORK/SUPR	ENGR APPROVAL
2	3/20/19	RAL	RW		CED
1	12/28/18	BAB	RW		CED
0	12/12/17	HAP	RW		CED

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-3636 phone (716)856-2345 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

625 BROADWAY
ALBANY, NEW YORK 12233

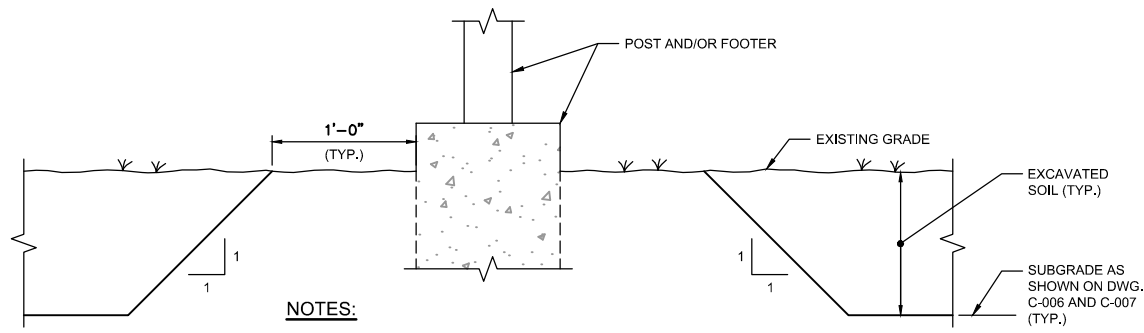
COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

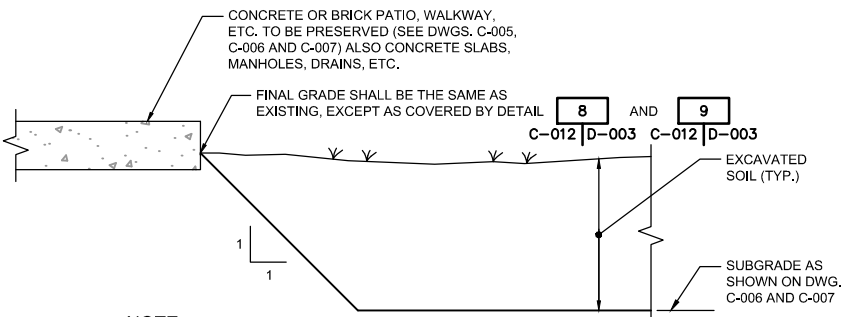
IRRIGATION PLAN

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	

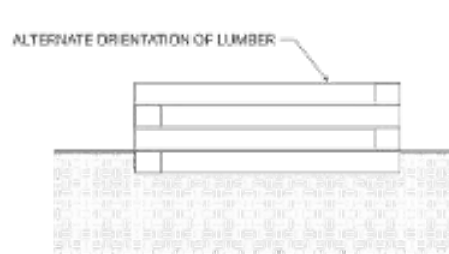
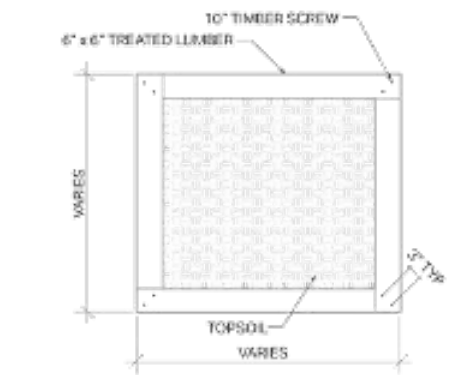
C-014



POST/FOOTER PROTECTION DETAIL 1
N.T.S. C-005 | D-001

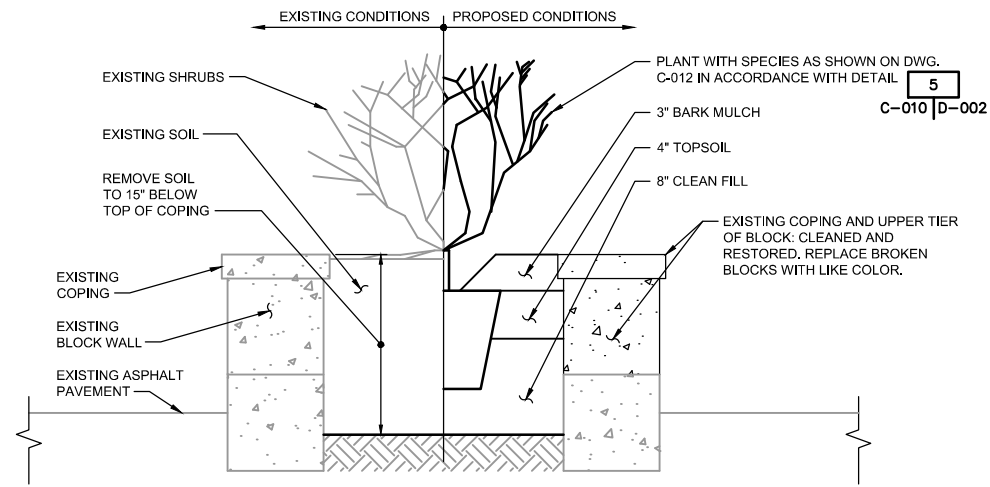
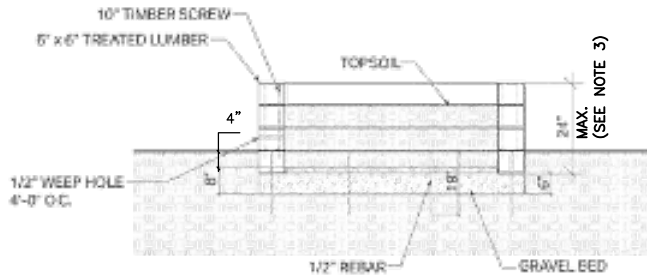


PATIO / WALKWAY PROTECTION DETAIL 2
N.T.S. C-005 | D-001



REPLACEMENT PLANTER DETAIL 3
NOT TO SCALE C-012 | D-001

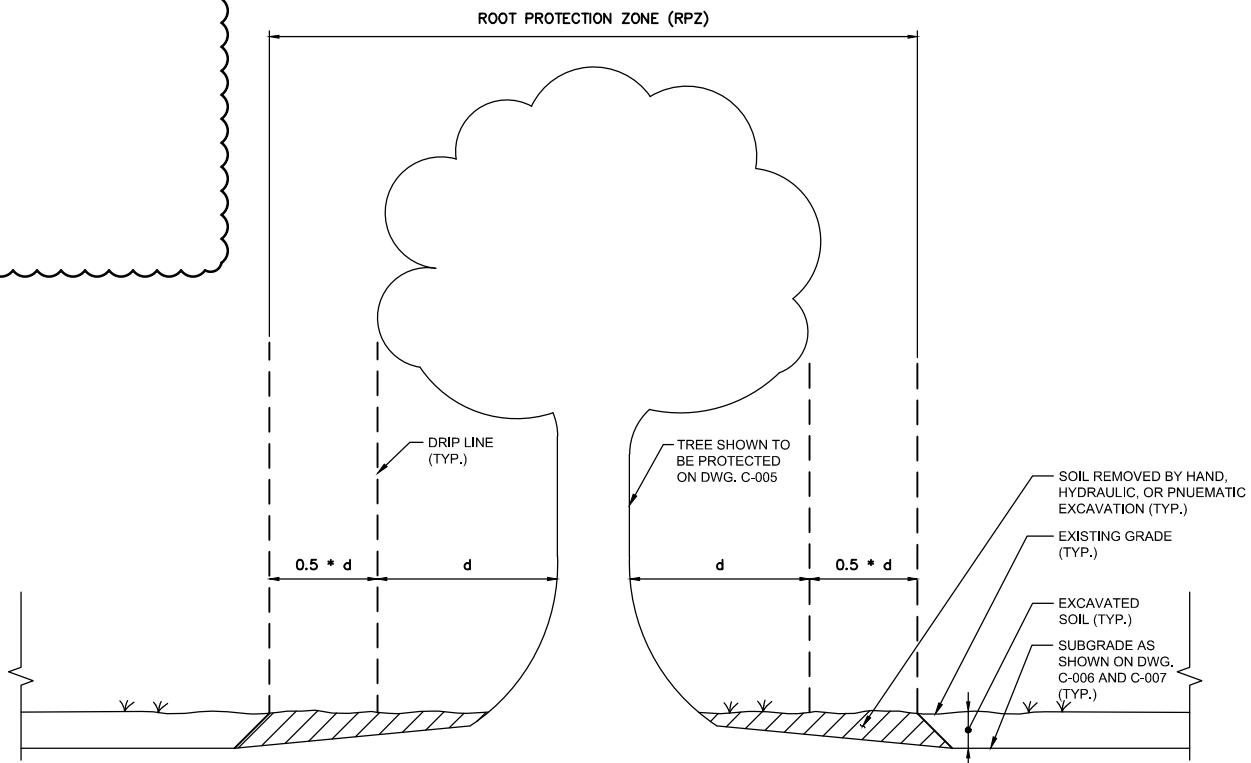
- NOTE:
1. DETAIL APPLICABLE TO PLANTERS SHOWN TO BE REPLACED.
 2. THE DETAIL SHALL BE ADAPTED TO THE SHAPE AND HEIGHT OF THE ORIGINAL PLANTER.
 3. TIMBER COURSES SHALL BE OMITTED AS NECESSARY TO MATCH HEIGHT OF ORIGINAL PLANTER.



RESTORATION OF CONCRETE BLOCK PLANTERS 6
N.T.S. C-012 | D-001

SEQUENCE OF WORK:

1. REMOVE, CLEAN, AND RETAIN COPING AND UPPER TIER OF BLOCK. BLOCK SHALL BE POWER WASHED OR BRUSHED CLEAN.
2. REMOVE SOIL TO 15" INCHES BELOW TOP OF CASING, DISPOSE OF SOIL.
3. REPLACE UPPER TIER OF BLOCK.
4. PLACE SHRUBS TO BE PLANTED AND BACKFILL PLANTER WITH CLEAN FILL AND TOPSOIL.
5. PLANT REMAINDER OF PLANTS.
6. COVER EXPOSED SOIL WITH BARK MULCH.



TREE PROTECTION DETAIL 5
N.T.S. C-005 | D-001

NOTES:

1. THE ROOT PROTECTION ZONE (RPZ) IS DEFINED AS AN AREA EXTENDING OUT FROM THE TRUNK ALONG ANY RADIUS 50 PERCENT FARTHER THAN THE FARTHEST BRANCH (THE "DRIP LINE").
2. THE SUBCONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE RPZ OF ANY TREE COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION.
3. REMOVAL OF SOIL WITHIN THE RPZ OF TREES SHOWN TO BE PROTECTED SHALL BE PERFORMED PRIOR TO JUNE 1.
4. THE RPZ SHALL BE STAKED OUT FOR APPROVAL BY THE ENGINEER PRIOR TO SOIL REMOVAL.
5. PRIOR TO REMOVAL, SOIL SHALL BE THOROUGHLY WETTED TO ELIMINATE DUST.
6. SOIL WITHIN THE RPZ SHALL BE REMOVED (EXCAVATED) AS CLOSE TO THE SPECIFIED DEPTH AS PRACTICABLE BY HAND OR VIA PNEUMATIC OR LOW-PRESSURE HYDRAULIC EXCAVATION.
7. THE REMOVED SOIL SHALL BE COLLECTED, AND DISPOSED OF WITH OTHER PROJECT SOILS.
8. REMOVAL OF THE SOIL FROM WITHIN THE RPZ FOR ANY TREE SHALL BE ACCOMPLISHED IN A SINGLE WORK DAY.
9. TREE ROOTS EXPOSED WITHIN THE RPZ SHALL BE KEPT MOIST AND COVERED WITH BURLAP IMMEDIATELY AFTER SOIL REMOVAL. NO POOLING OF WATER SHALL OCCUR WITHIN THE RPZ.
10. THE EXCAVATED RPZ SHALL BE BACKFILLED WITH TOPSOIL WITHIN 24 HOURS OF THE BEGINNING OF SOIL REMOVAL.
11. BACKFILL SOIL SHALL BE COMPACTED WITH A VIBRATORY PLATE TAMPER.
12. A 3-INCH LAYER OF PINE BARK MULCH SHALL BE APPLIED ON TOP OF THE BACKFILL SOIL OVER THE RPZ. DO NOT PLACE MULCH IN CONTACT WITH THE TRUNK.

RECORD DRAWING

NO.	DATE	BY	PROJECT ARCH/ ENGR APPROVAL	DEPT. WORK/SUPR APPROVAL
2	3/20/18	ELB	RW	CED
1	12/20/17	ELB	RW	CED
0	12/12/17	HAP	RW	CED

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

**NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION**
625 BROADWAY
ALBANY, NEW YORK 12233

**COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122**

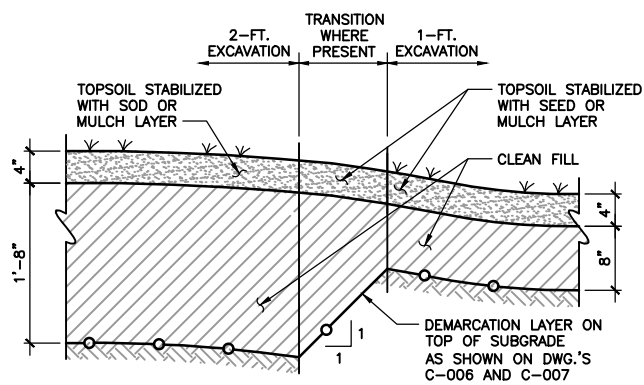
**INTERIM REMEDIAL
MEASURE DESIGN**

DETAILS

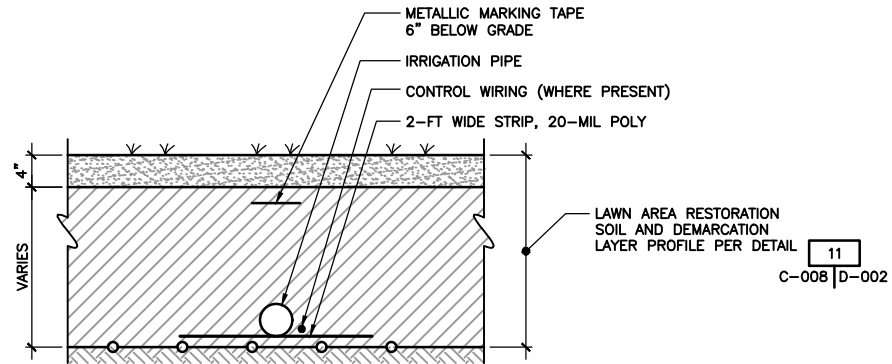
OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	D-001
CHECKED BY	
ARCH/ENGR.	

PROJECT NO. SHEET NO.

U:\Projects\60536797_CollegePt3\900-CAD-05\10-CAD\20-SHEETS\RECORD DRAWINGS\0-002_DETAILS.dwg, Layout1, 1:2, 9/19/2019, 1-HAP

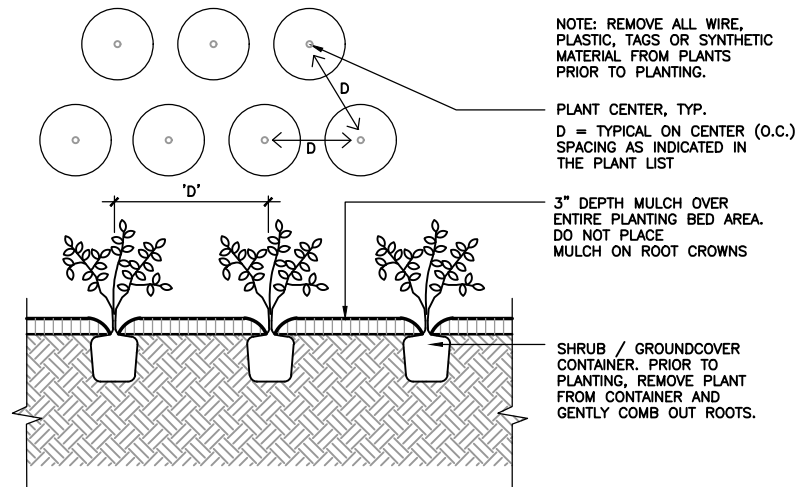


TYPICAL LAWN AREA RESTORATION 11
NOT TO SCALE C-008 | D-002

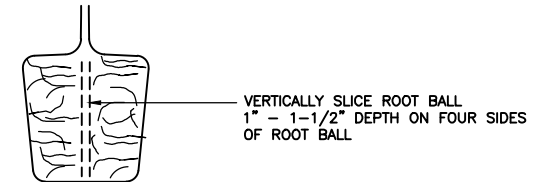


NOTE:
1. FOR INSTALLATION OF IRRIGATION MAINS IN AREAS OF 1-FT EXCAVATION, THE DEPTH OF EXCAVATION SHALL BE INCREASED TO PROVIDE A MINIMUM OF 18 INCHES COVER.

TYPICAL IRRIGATION PIPE INSTALLATION 12
NOT TO SCALE C-014 | D-002

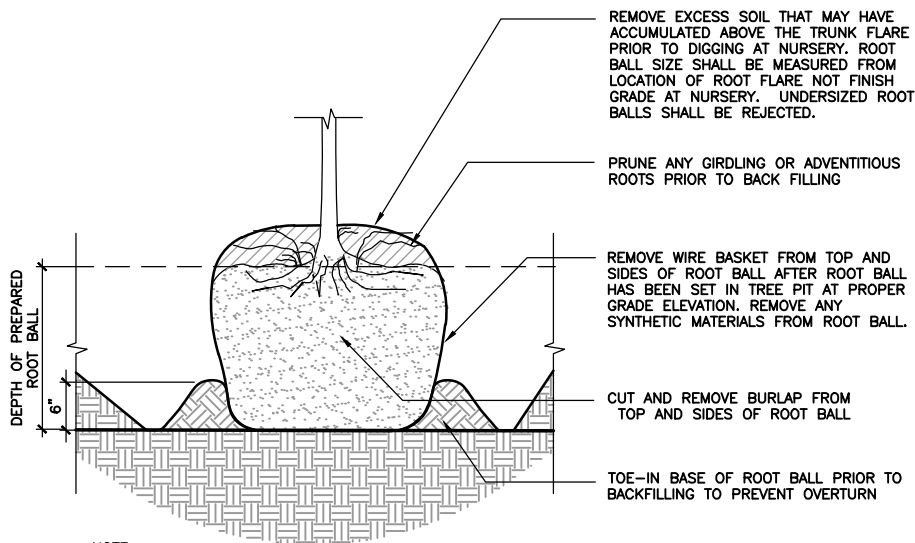


TYPICAL SHRUB AND GROUNDCOVER PLANTING 13
NOT TO SCALE D-003 | D-002



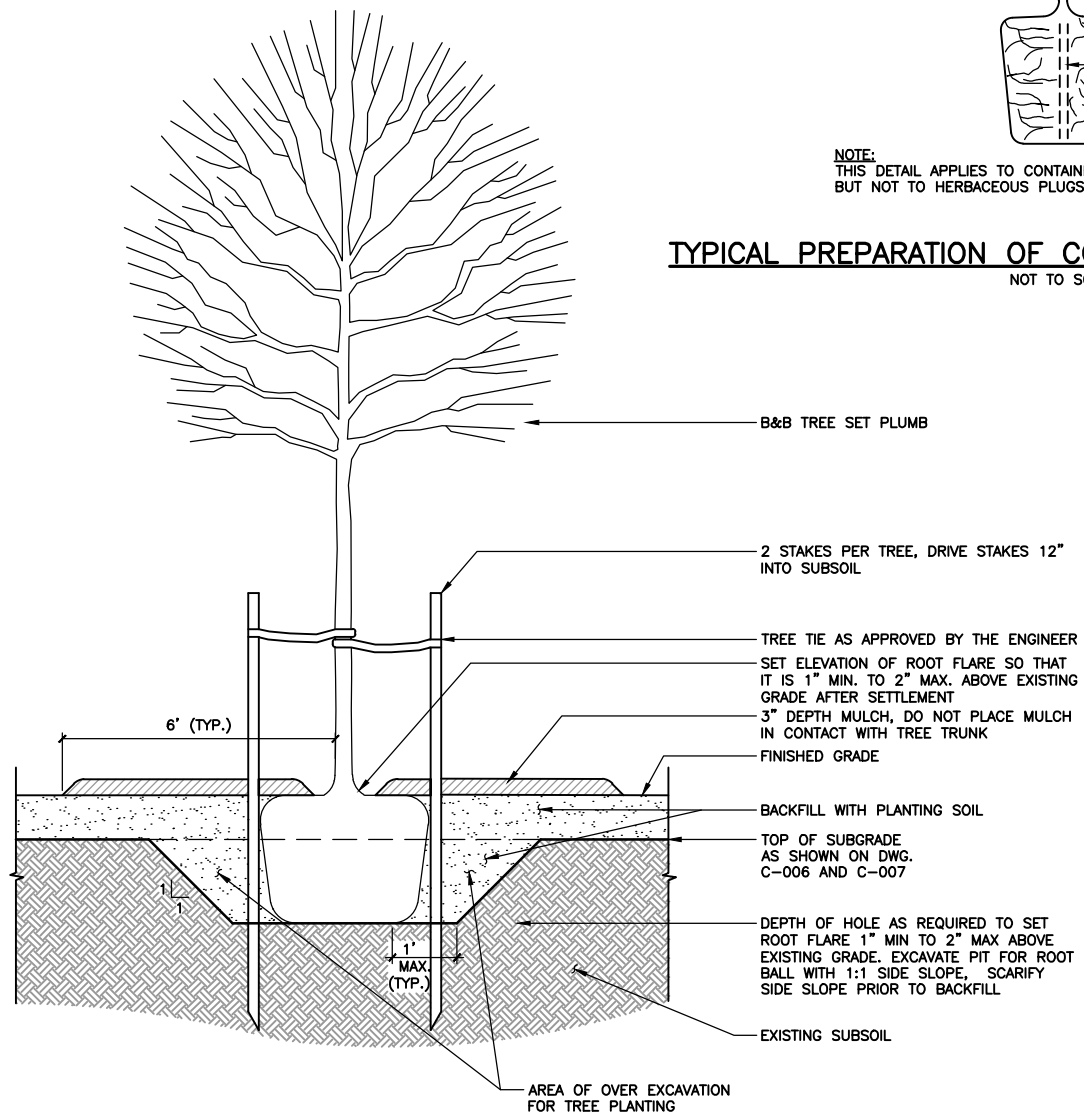
NOTE:
THIS DETAIL APPLIES TO CONTAINERIZED SHRUBS AND PERENNIALS, BUT NOT TO HERBACEOUS PLUGS.

TYPICAL PREPARATION OF CONTAINERIZED ROOT BALL
NOT TO SCALE



NOTE:
1. EXPOSE TRUNK FLARE IN BALL PRIOR TO DIGGING HOLE TO DETERMINE CORRECT DEPTH.

TYPICAL PREPARATION OF B&B ROOT BALL
NOT TO SCALE



TYPICAL TREE PLANTING DETAIL 14
NOT TO SCALE D-002

RECORD DRAWING

1	3/20/18	RAL	RW	CED
0	12/12/17	HAP	RW	CED
NO.	DATE	BY	PROJECT ARCH/ ENGR APPROVAL	DEPT. WORK/SUPR APPROVAL

REVISIONS



URS Corporation
257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

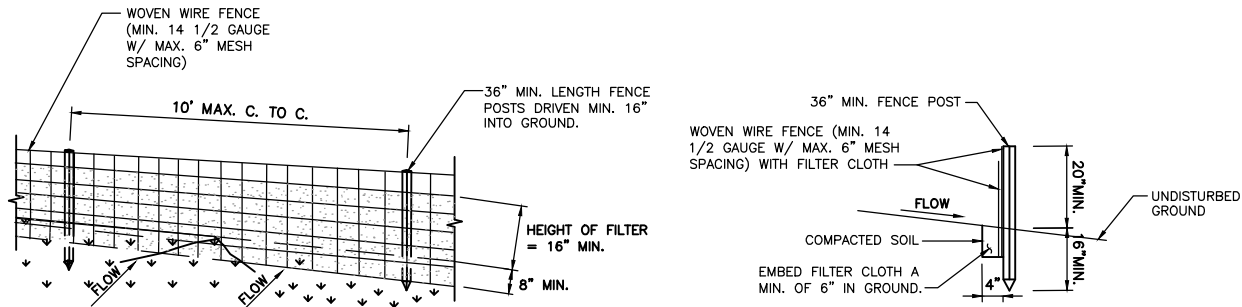
NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION
625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

LANDSCAPING
DETAILS

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	D-002
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	



PERSPECTIVE VIEW

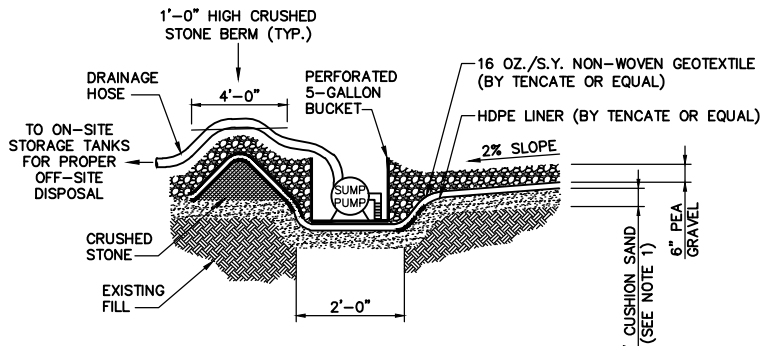
SECTION VIEW

SILT FENCE SPECIFICATIONS:

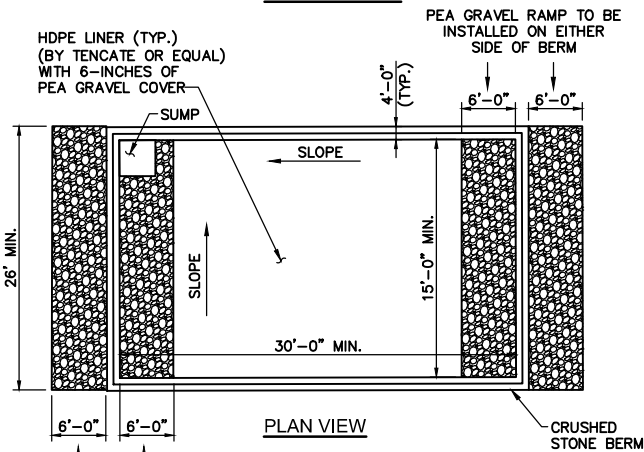
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL

NOT TO SCALE



SECTION VIEW



PLAN VIEW

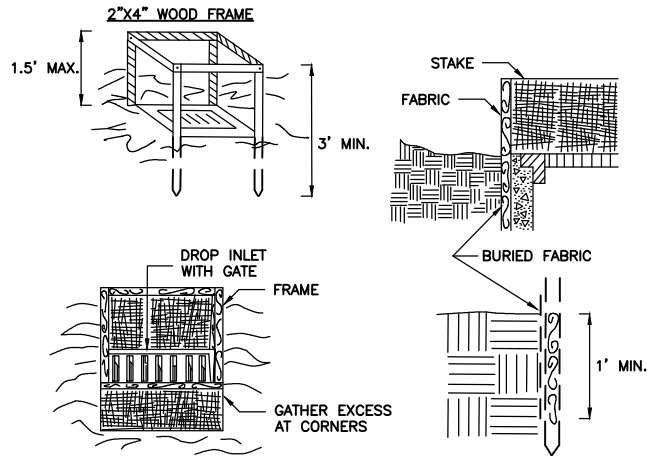
NOTES:

- SELECT FILL SHALL CONSIST OF CONCRETE SAND CONFORMING TO THE REQUIREMENTS OF SECTION 703-07 OF THE NYSDOT STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL EXCAVATE CONTAMINATED SOIL TO THE DEPTH SHOWN AS NEEDED TO INSTALL EQUIPMENT DECONTAMINATION AREA AT LOCATION AS SELECTED BY THE SUBCONTRACTOR AND ACCEPTABLE BY URS CORPORATION.
- UPON COMPLETION OF CONSTRUCTION ACTIVITIES, THE MATERIALS USED FOR THE EQUIPMENT DECONTAMINATION AREA SHALL BE REMOVED, TRANSPORTED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- UPON COMPLETION OF CONSTRUCTION ACTIVITIES, SUBCONTRACTOR SHALL RESTORE AREA IN-KIND TO THE LINES, GRADES AND DIMENSIONS OF THE EXISTING CONDITIONS (AS THEY EXISTED PRIOR TO INSTALLATION OF THE EQUIPMENT DECONTAMINATION AREA).

DECONTAMINATION PAD DETAIL

NOT TO SCALE

C-013 D-004

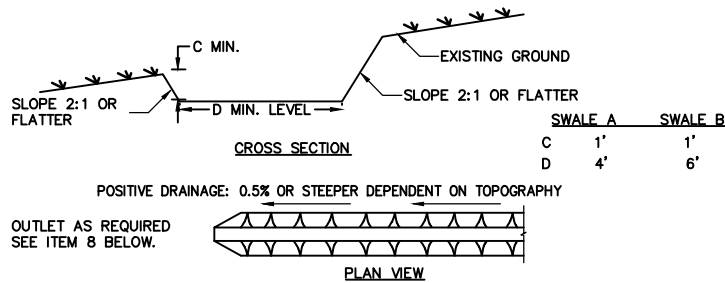


CONSTRUCTION SPECIFICATIONS

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
 - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 - STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
 - FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
 - A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- MAXIMUM DRAINAGE AREA 1 ACRE

STORM DRAIN INLET PROTECTION

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

- ALL CONSTRUCTION DITCHES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
 - DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
 - DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
 - ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
 - THE DITCH SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
 - FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
 - ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE DITCH.
 - STABILIZATION SHALL BE AS PER THE FLOW CHANNEL STABILIZATION CHART BELOW:
- | TYPE OF TREATMENT | CHANNEL GRADE | A (5 AC. OR LESS) | B (5 AC. - 10 AC) |
|-------------------|---------------|----------------------|----------------------|
| 1 | 0.5-3.0% | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

CONSTRUCTION DITCH DETAIL

NOT TO SCALE

RECORD DRAWING

NOTES:

A. REGULATORY REQUIREMENTS

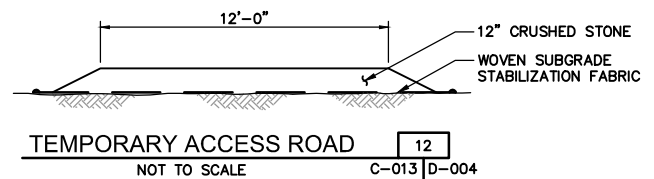
- THE DISCHARGE OF STORMWATER RUNOFF FROM DISTURBED GROUND IN THIS PROJECT IS REGULATED UNDER THE NY SPDES PERMIT PROGRAM, GENERAL PERMIT GP-0-15-002 FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY.
- IT IS A VIOLATION OF STATE LAW TO MANAGE STORMWATER, AND EROSION AND SEDIMENT CONTROL, IN A MANNER INCONSISTENT WITH THE APPROVED STORMWATER POLLUTION PREVENTION PLAN, INCLUDING THESE EROSION AND SEDIMENT CONTROL DRAWINGS.
- THE SUBCONTRACTOR WILL BE RESPONSIBLE FOR ALL FINES AND PENALTIES RESULTING FROM ANY CONTRAVENTION OF NYS ENVIRONMENTAL CONSERVATION LAW ON THIS PROJECT.
- THE SUBCONTRACTOR SHALL MODIFY THE EROSION AND SEDIMENT CONTROL PRACTICES AS NECESSARY THROUGHOUT THE PROJECT TO ENSURE COMPLIANCE WITH THE REQUIREMENTS AND GOALS OF THE SPDES PERMIT PROGRAM.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH "NEW YORK STATE STANDARDS & SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION.

B. ALL CONSTRUCTION AREAS

- AREAS NOT TO BE DISTURBED SHALL BE CLEARLY MARKED WITH FLAGS.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- INITIAL CLEARING AND GRUBBING SHALL BE ONLY THOSE LIMITED AREAS AS REQUIRED FOR INSTALLATION OF E & S CONTROL MEASURES.
- INSTALL ALL PERIMETER AND SEDIMENT CONTROLS.
- PERIMETER CONTROLS SHALL BE INSPECTED AND APPROVED BY THE ENGINEER, PRIOR TO CONSTRUCTION.
- CLEAR AND GRUB ONLY AS MUCH AREA AS IS NECESSARY TO ACCOMMODATE CONSTRUCTION NEEDS.
- ACCESS TO SITE SHALL BE RESTRICTED TO AREA HAVING A STABILIZED CONSTRUCTION ENTRANCE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL, OR AT ANY SIGN OF FAILURE, AND REPAIRED OR REPLACED AS REQUIRED OR AS DIRECTED BY THE ENGINEER. ADDITIONAL E & S CONTROL MEASURES SHALL BE IMPLEMENTED AS REQUIRED.
- REMOVE ANY SEDIMENT THAT MAY WASH OR TRACK OFF OF THE SITE. PAVED ROADS SHALL BE MAINTAINED IN A CLEAN, SWEEPED CONDITION DAILY THROUGHOUT CONSTRUCTION.
- ALL DISTURBED SOIL SURFACES, INCLUDING SOIL STOCKPILES SHALL BE TEMPORARILY STABILIZED OR OTHERWISE PROTECTED WITH E & S CONTROLS PRIOR TO THE END OF WORK EACH DAY. PERMANENT VEGETATION SHALL BE ESTABLISHED WITH TOPSOIL AND SEED OR SOD ON ALL EXPOSED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
- REMOVE E & S CONTROL MEASURES WHEN ENTIRE DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND APPROVED BY THE ENGINEER OR ANY OTHER QUALIFIED PROFESSIONALS DEFINED BY GP-0-15-002.
- IF TRENCH DEWATERING IS NECESSARY FOR UNDERGROUND CONSTRUCTION, THE SUBCONTRACTOR SHALL DEPLOY A SUMP PIT AND ROCK OUTLET OR AN EQUIVALENT EROSION AND SEDIMENT CONTROL METHOD FOR THE DISCHARGE LINE. THE SUMP PIT AND THE ROCK OUTLET WILL BE UTILIZED AS DETAILED IN THE PROVIDED DETAILS, THE PROJECT SWPPP AND THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

C. TEMPORARY EQUIPMENT STORAGE AND STAGING AREA

- INSTALL STABILIZED CONSTRUCTION ENTRANCE AT THE LOCATIONS IDENTIFIED ON THE CONSTRUCTION DRAWINGS.
- INSTALL THE SILT FENCE AT THE LOCATIONS IDENTIFIED ON THE CONSTRUCTION DRAWINGS AND AS INDICATED ON THIS PAGE.
- PLACE GRAVEL, WHERE APPLICABLE, AND USE FOR TEMPORARY EQUIPMENT STORAGE AND STAGING AREA.
- RESTORE SITE TO EXISTING CONTOURS AND STABILIZE.
- AFTER THE SITE HAS BEEN STABILIZED AND A VIGOROUS, DENSE STAND OF VEGETATIVE COVER HAS BEEN ESTABLISHED, REMOVE THE SILT FENCE AND ANY OTHER TEMPORARY MEASUREMENTS.



TEMPORARY ACCESS ROAD

NOT TO SCALE

C-013 D-004

NO.	DATE	BY	PROJECT ARCH/ENGR APPROVAL	DEPT. WORK/SUPR APPROVAL
1	3/20/18	RAL	RW	CED
0	12/12/17	HAP	RW	CED

REVISIONS



URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL
CONSERVATION

625 BROADWAY
ALBANY, NEW YORK 12233

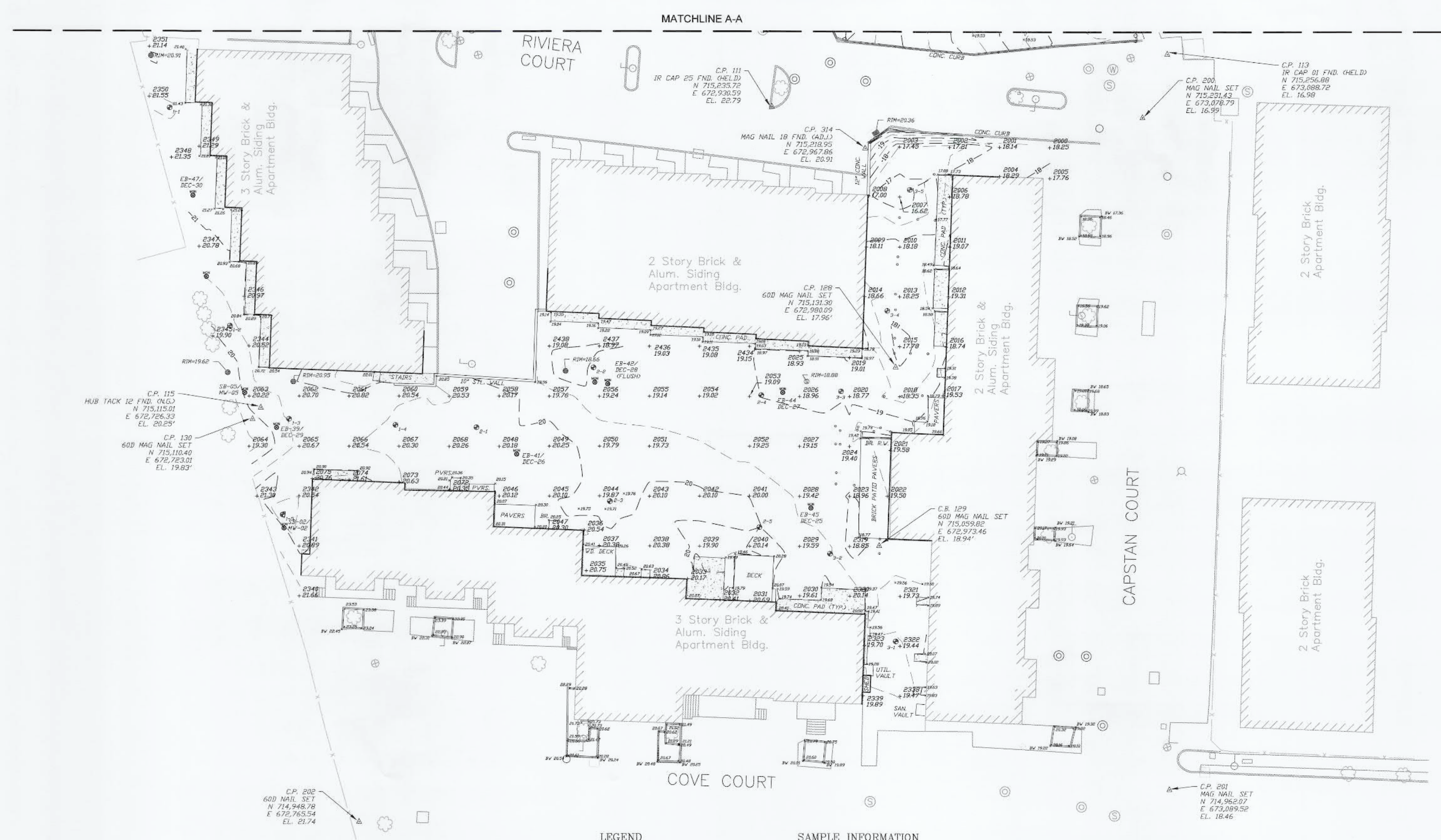
COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL
MEASURE DESIGN

EROSION AND SEDIMENT
CONTROL DETAILS

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	

D-004



NOTES

- MEASUREMENTS ARE IN ACCORDANCE WITH U.S. STANDARDS.
- HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE. CONTROL POINT INFORMATION WAS PROVIDED BY CONTRACTOR THROUGH ELECTRONIC DRAWING FILES PREPARED BY URS CORP. (BUFFALO, N.Y.) IN DEC. 2017, PROJECT NO. 60536797.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S "EMBOSSSED" OR "INKED" SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
- CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

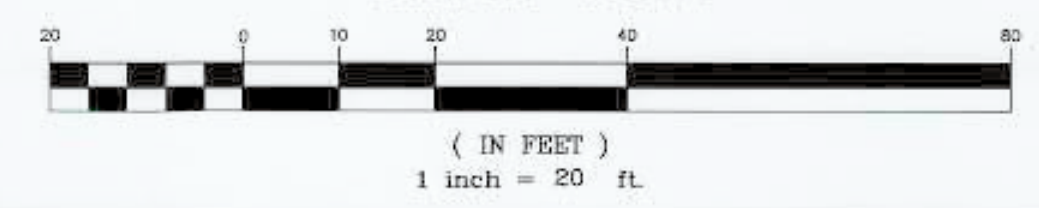
LEGEND

- LIGHTPOLE
- FENCE POST
- MONITOR WELL
- SAMPLE LOCATION
- ELECTRIC MANHOLE
- SANITARY MANHOLE
- RECTANGULAR DRAIN INLET
- ROUND DRAIN INLET
- BOULDER
- IRRIGATION BOX
- SPOT ELEVATION
- SPOT ELEVATION AT GRID PT.

SAMPLE INFORMATION

DESC.	NORTHING	EASTING	ELEV.
1-1	715235.03	672669.76	21.55
1-2	715147.75	672713.92	20.33
1-3	715110.40	672737.56	20.54
1-4	715108.07	672780.18	20.43
1-5	715072.11	672734.86	19.90
2-1	715107.15	672812.51	20.13
2-2	715131.06	672859.23	19.09
2-3	715077.47	672855.75	19.74
2-4	715120.05	672926.31	18.99
2-5	715067.18	672925.52	20.03
3-1	715021.43	672979.99	19.44
3-2	715056.60	672953.75	19.55
3-3	715121.62	672958.20	18.90
3-4	715153.06	672976.68	18.12
3-5	715202.47	672965.69	16.84

GRAPHIC SCALE



I hereby certify that this map was made from an actual survey completed by me on 04/04/2018 and 04/12/2018.

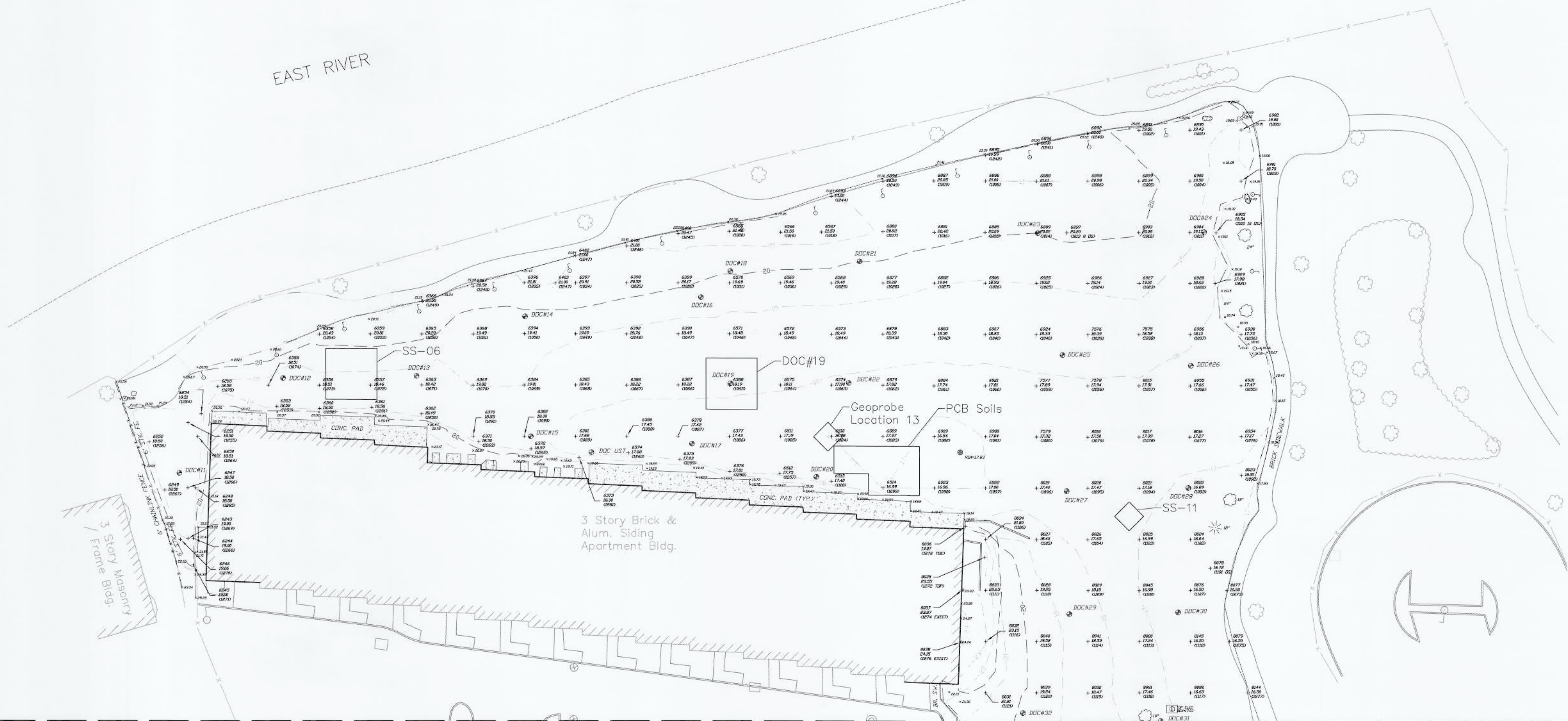
Tamara L. Stillman
TAMARA L. STILLMAN, P.L.S.
NYSPLS No. 50528

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
EnviroTrac Ltd. COLLEGE POINT, QUEENS			
COLLEGE POINT REMEDIATION SURVEY & MAPPING			
INITIAL SURVEY (South Lawn Area)			
L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS & LAND SURVEYORS 437 SO. COUNTRY ROAD, BROOKHAVEN, NEW YORK			
Field Survey By:	J.L./J.L.	Scale: 1" = 20'	Sheet No.
Office Survey By:	T.L.S.	Date: May 9, 2019	2
Approved By:	T.L.S.	File No. 18031.000	2

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
North Lawn Excavation Volume	1.00	1.00	50424.72 Sq. Ft.	2151.36 Cu. Yd.	2.93 Cu. Yd.	2148.42 Cu. Yd.<Cut>
Totals			50424.72 Sq. Ft.	2151.36 Cu. Yd.	2.93 Cu. Yd.	2148.42 Cu. Yd.<Cut>

EAST RIVER



MATCHLINE A-A

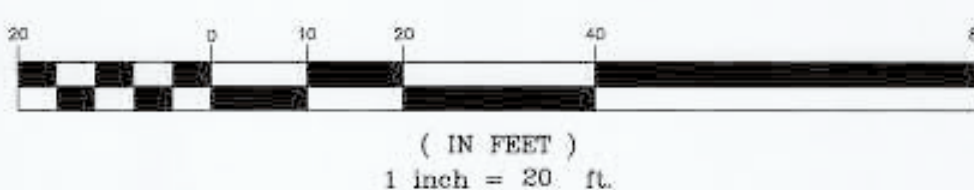
NOTES

- MEASUREMENTS ARE IN ACCORDANCE WITH U.S. STANDARDS.
- HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE. CONTROL POINT INFORMATION WAS PROVIDED BY CONTRACTOR THROUGH ELECTRONIC DRAWING FILES PREPARED BY URS CORP. (BUFFALO, N.Y.) IN DEC. 2017, PROJECT NO. 60536797.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S "EMBOSSED" OR "INKED" SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
- CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

LEGEND

- LIGHTPOLE
- SAMPLE LOCATION
- ⊙ ELECTRIC MANHOLE
- ⊙ ROUND DRAIN INLET
- ⊙ BOULDER
- × SPOT ELEVATION
- PT.# SPOT ELEVATION AT GRID PT.
- + ELEV.

GRAPHIC SCALE



I hereby certify that this map was made from an actual survey completed by me on 08/31/2018, 09/14/2018, 09/19/2018, 09/27/2018, 10/10/2018 and 10/24/2018.

Tamara L. Stillman
TAMARA L. STILLMAN, P.L.S.
NYSPLS No. 50528

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
EnviroTrac Ltd. COLLEGE POINT, QUEENS COLLEGE POINT REMEDIATION SURVEY & MAPPING			
EXCAVATION SURVEY (North Lawn Area)			
L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS & LAND SURVEYORS 437 SO. COUNTRY ROAD, BROOKHAVEN, NEW YORK			
Field Survey By:	J.L./J.L.	Scale: 1" = 20'	Sheet No.
Office Survey By:	T.L.S.	Date: November 6, 2018	1
Approved By:	T.L.S.	File No. 18031.000	2



PA18031.000 College Point Remediation - Survey & Mapping Drawings Excavation Surveying 5/29/2019 3:18 PM Tamara Stillman

NOTES

- MEASUREMENTS ARE IN ACCORDANCE WITH U.S. STANDARDS.
- HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE. CONTROL POINT INFORMATION WAS PROVIDED BY CONTRACTOR THROUGH ELECTRONIC DRAWING FILES PREPARED BY URS CORP. (BUFFALO, N.Y.) IN DEC. 2017, PROJECT NO. 60536797.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S "EMBOSSED" OR "INKED" SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
- CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

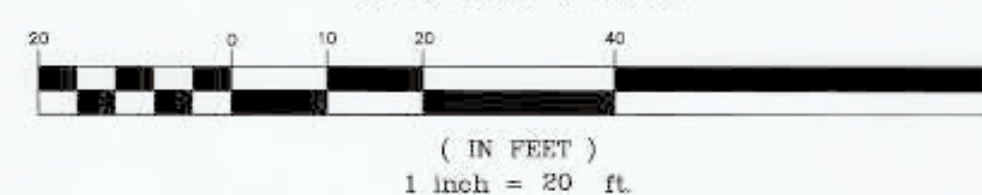
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
South Lawn Excavation Volume	1.00	1.00	23610.93 Sq. Ft.	1627.43 Cu. Yd.	0.24 Cu. Yd.	1627.19 Cu. Yd.<Cut>
Totals			23610.93 Sq. Ft.	1627.43 Cu. Yd.	0.24 Cu. Yd.	1627.19 Cu. Yd.<Cut>

LEGEND

- MONITOR WELL
SAMPLE LOCATION
SANITARY MANHOLE
SPOT ELEVATION
PT. #
ELEV.
SPOT ELEVATION AT GRID PT.

GRAPHIC SCALE



I hereby certify that this map was made from an actual survey completed by me on 05/15/2018, 06/04/2018 and 06/11/2018.

Tamara L. Stillman
TAMARA L. STILLMAN, P.L.S.
NYSPLS No. 050528

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
EnviroTrac Ltd. COLLEGE POINT, QUEENS			
COLLEGE POINT REMEDIATION SURVEY & MAPPING			
EXCAVATION SURVEY (South Lawn Area)			
L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS & LAND SURVEYORS 437 SO. COUNTRY ROAD, BROOKHAVEN, NEW YORK			
Field Survey By:	J.L./J.L.	Scale: 1" = 20'	Sheet No.
Office Survey By:	T.L.S.	Date: November 6, 2018	2
Approved By:	T.L.S.	File No. 18031.000	2

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Backfill Volume North Lawn	1.00	1.00	50249.77 Sq. Ft.	1.50 Cu. Yd.	1497.09 Cu. Yd.	1495.60 Cu. Yd.<Fill>
Totals			50249.77 Sq. Ft.	1.50 Cu. Yd.	1497.09 Cu. Yd.	1495.60 Cu. Yd.<Fill>

EAST RIVER

3 Story Masonry
Frame Bldg.

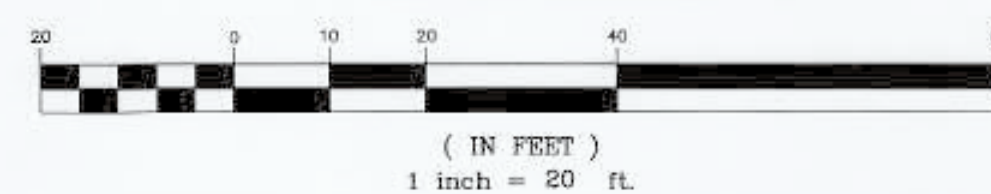
3 Story Brick &
Alum. Siding
Apartment Bldg.

MATCHLINE A-A

LEGEND

- LIGHTPOLE
- FENCE POST
- MONITOR WELL
- SAMPLE LOCATION
- ELECTRIC MANHOLE
- SANITARY MANHOLE
- RECTANGULAR DRAIN INLET
- ROUND DRAIN INLET
- BOULDER
- IRRIGATION BOX
- × SPOT ELEVATION
- PT# SPOT ELEVATION AT GRID PT.
- + ELEV.

GRAPHIC SCALE



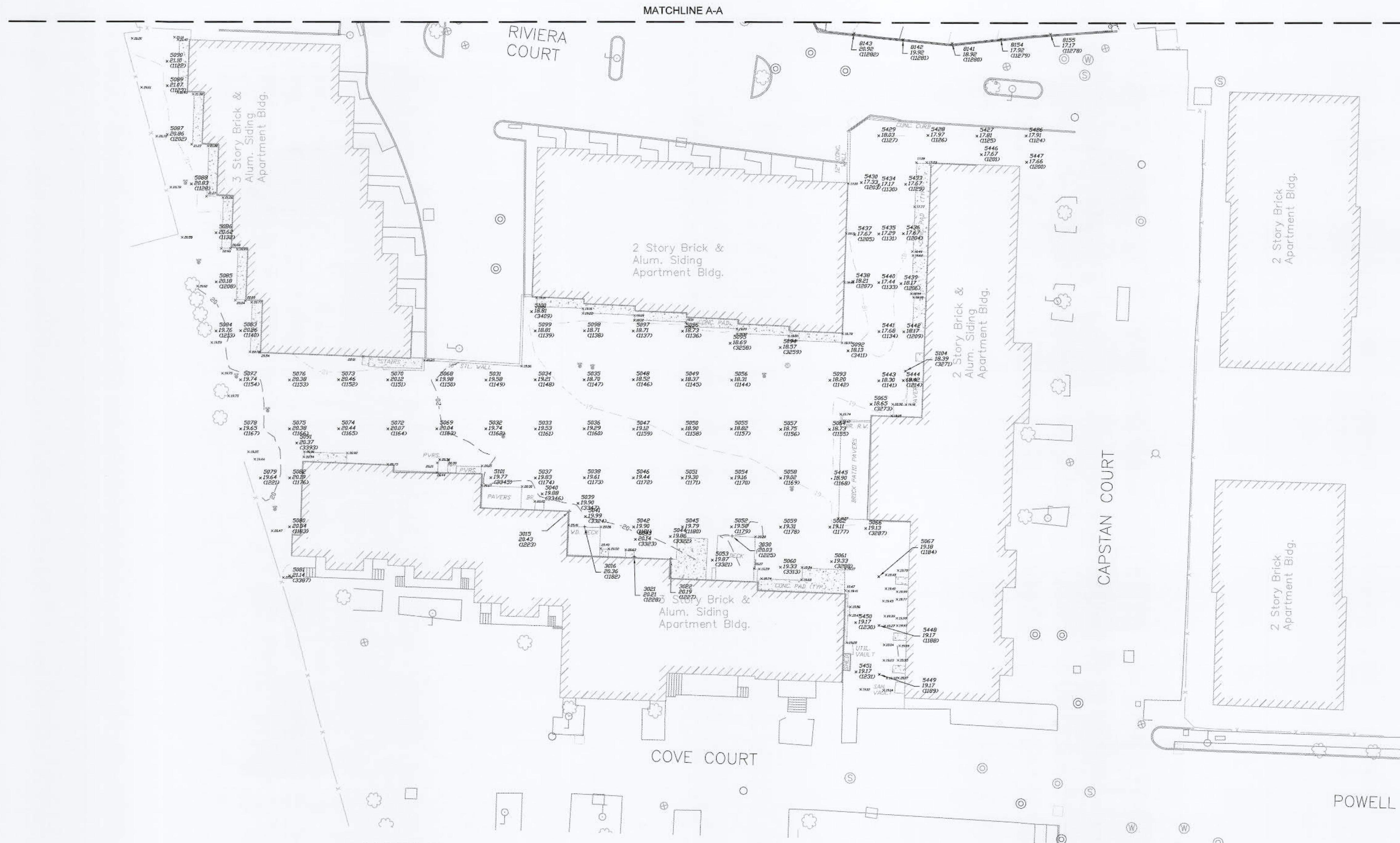
NOTES

- MEASUREMENTS ARE IN ACCORDANCE WITH U.S. STANDARDS.
- HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE. CONTROL POINT INFORMATION WAS PROVIDED BY CONTRACTOR THROUGH ELECTRONIC DRAWING FILES PREPARED BY URS CORP. (BUFFALO, N.Y.) IN DEC. 2017, PROJECT NO. 60538797.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S "EMBOSSED" OR "INKED" SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
- CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

I hereby certify that this map was made from an actual survey completed by me on 09/14/2018, 09/19/2018, 09/27/2018, and 10/10/2018, 10/24/2018 and 10/29/2018.

Tamara L. Stillman
TAMARA L. STILLMAN, P.L.S.
NYSPLS No. 50528

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
EnviroTrac Ltd. COLLEGE POINT, QUEENS COLLEGE POINT REMEDIATION SURVEY & MAPPING			
BACKFILL SURVEY (North Lawn Area)			
L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS & LAND SURVEYORS 437 SO. COUNTRY ROAD, BROOKHAVEN, NEW YORK			
Field Survey By:	J.L./J.L.	Scale:	1" = 20'
Office Survey By:	T.L.S.	Date:	May 9, 2019
Approved By:	T.L.S.	File No.	18031.000
Sheet No.			1
			2



Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Backfill Volume South Lawn	1.00	1.00	23565.68 Sq. Ft.	0.39 Cu. Yd.	1345.70 Cu. Yd.	1345.31 Cu. Yd. <Fill>
Totals			23565.68 Sq. Ft.	0.39 Cu. Yd.	1345.70 Cu. Yd.	1345.31 Cu. Yd. <Fill>

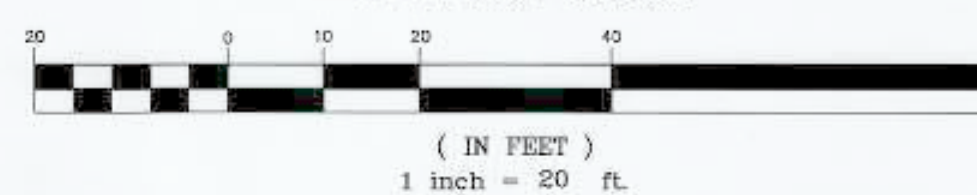
NOTES

- MEASUREMENTS ARE IN ACCORDANCE WITH U.S. STANDARDS.
- HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE. CONTROL POINT INFORMATION WAS PROVIDED BY CONTRACTOR THROUGH ELECTRONIC DRAWING FILES PREPARED BY URS CORP. (BUFFALO, N.Y.) IN DEC. 2017, PROJECT NO. 60536797.
- UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
- ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S "EMBOSSSED" OR "INKED" SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
- CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

LEGEND

- MONITOR WELL
- SAMPLE LOCATION
- SANITARY MANHOLE
- SPOT ELEVATION
- SPOT ELEVATION AT GRID PT. + ELEV.

GRAPHIC SCALE

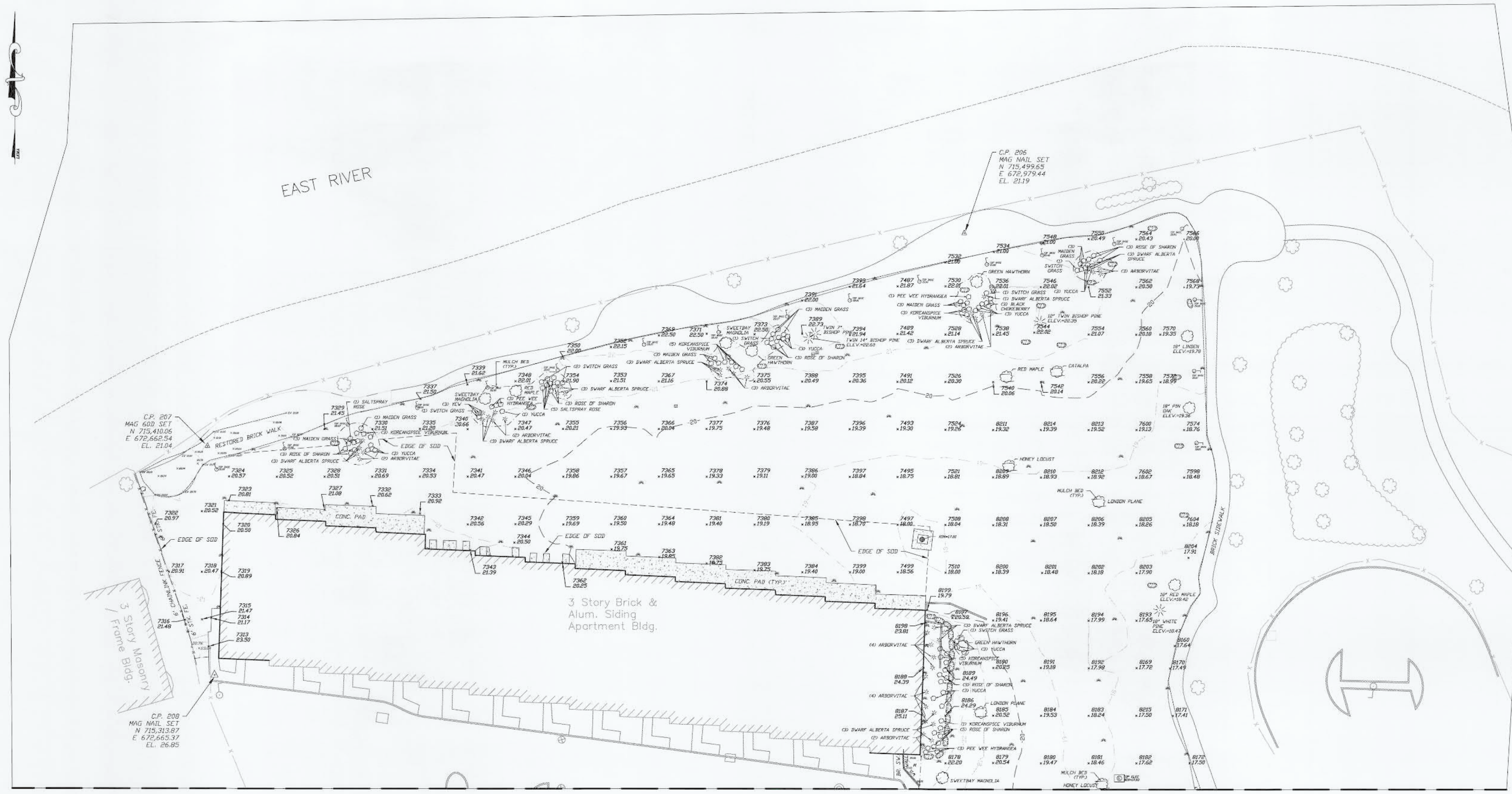


I hereby certify that this map was made from an actual survey completed by me on 07/19/2018 and 07/24/2018.

Tamara L. Stillman
TAMARA L. STILLMAN, P.L.S.
NYSPLS No. 50528

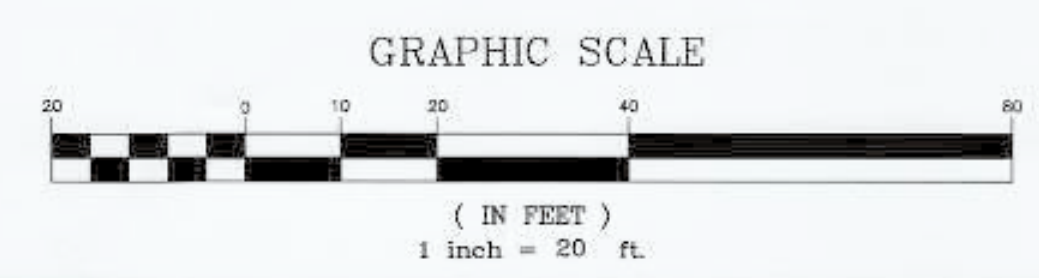
DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
EnviroTrac Ltd. COLLEGE POINT, QUEENS			
COLLEGE POINT REMEDIATION SURVEY & MAPPING			
BACKFILL SURVEY (South Lawn Area)			
L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS & LAND SURVEYORS 437 SO. COUNTRY ROAD, BROOKHAVEN, NEW YORK			
Field Survey By:	J.L./J.L.	Scale:	1" = 20'
Office Survey By:	T.L.S.	Date:	May 9, 2019
Approved By:	T.L.S.	File No.	18031.000
			Sheet No. 2

P:\B001000 College Point Remediation - Survey & Mapping\Drawings\as-built Survey\dwg 5/9/2019 1:34 PM Tamara Stillman



- NOTES
- MEASUREMENTS ARE IN ACCORDANCE WITH U.S. STANDARDS.
 - HORIZONTAL DATUM IS IN THE NEW YORK STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE. THE VERTICAL DATUM IS REFERENCED TO CONTROL POINTS PROVIDED BY CONTRACTOR THROUGH ELECTRONIC DRAWING FILES PREPARED BY URS CORP. (BUFFALO, N.Y.) IN DEC. 2017, PROJECT NO. 60536797.
 - UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
 - ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S "EMBOSSED" OR "INKED" SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.
 - CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

- LEGEND
- LIGHTPOLE
 - FENCE POST
 - MONITOR WELL
 - ⊙ ELECTRIC MANHOLE
 - ⊙ SANITARY MANHOLE
 - ⊙ ROUND DRAIN INLET
 - ⊙ BOULDER
 - IRRIGATION BOX
 - ⊙ SPRINKLER HEAD
 - ⊙ SPOT ELEVATION
 - ⊙ EDGE WALK SPOT ELEVATION
 - PT.# SPOT ELEVATION AT GRID PT.
 - ⊙ ELEV.



I hereby certify that this map was made from an actual survey completed by me on 12/14/2018 and 04/12/2019.

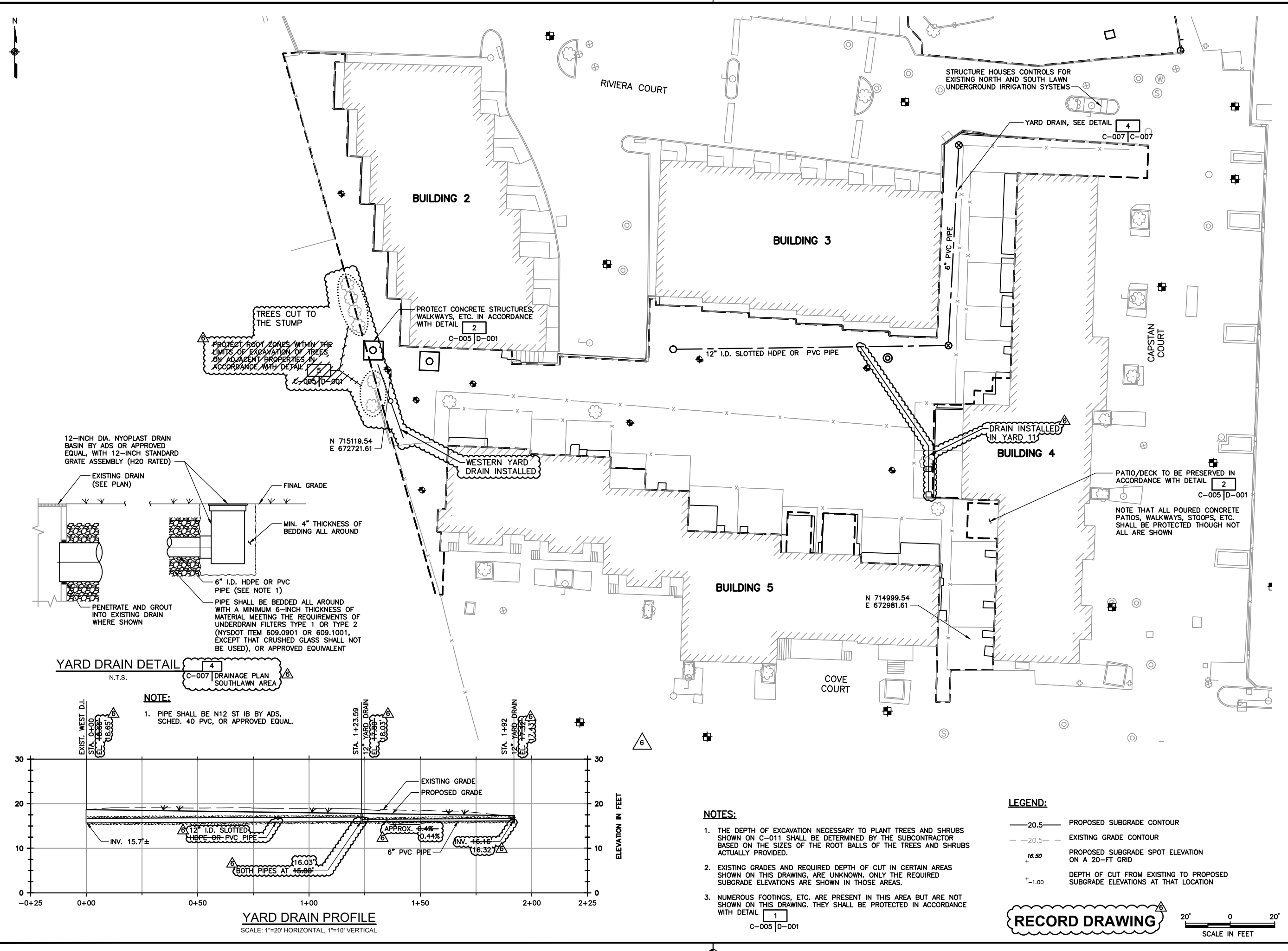
Tamara L. Stillman
TAMARA L. STILLMAN, P.L.S.
NYSPLS No. 50528

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
EnviroTrac Ltd. COLLEGE POINT, QUEENS			
COLLEGE POINT REMEDIATION SURVEY & MAPPING			
AS-BUILT SURVEY (North Lawn Area)			
L. K. McLEAN ASSOCIATES, P.C. CONSULTING ENGINEERS & LAND SURVEYORS 437 SO. COUNTRY ROAD, BROOKHAVEN, NEW YORK			
Field Survey By:	J.L./J.L.	Scale:	1" = 20'
Office Survey By:	T.L.S.	Date:	May 9, 2019
Approved By:	T.L.S.	File No.	18031.000



Sheet No. 1 of 2

PROJECT NO. SHEET NO. 1--HAP



- NOTES:**
- THE DEPTH OF EXCAVATION NECESSARY TO PLANT TREES AND SHRUBS SHOWN ON C-011 SHALL BE DETERMINED BY THE SUBCONTRACTOR BASED ON THE SIZES OF THE ROOT BALLS OF THE TREES AND SHRUBS ACTUALLY PROVIDED.
 - EXISTING GRADES AND REQUIRED DEPTH OF CUT IN CERTAIN AREAS SHOWN ON THIS DRAWING, ARE UNKNOWN. ONLY THE REQUIRED SUBGRADE ELEVATIONS ARE SHOWN IN THOSE AREAS.
 - NUMEROUS FOOTINGS, ETC. ARE PRESENT IN THIS AREA BUT ARE NOT SHOWN ON THIS DRAWING. THEY SHALL BE PROTECTED IN ACCORDANCE WITH DETAIL 1
- C-005 | D-001

LEGEND:

- 20.5— PROPOSED SUBGRADE CONTOUR
- -20.5- - EXISTING GRADE CONTOUR
- 16.50 PROPOSED SUBGRADE SPOT ELEVATION ON A 20'-FT GRID
- + -1.00 DEPTH OF CUT FROM EXISTING TO PROPOSED SUBGRADE ELEVATIONS AT THAT LOCATION

RECORD DRAWING

20' 0 20'

SCALE IN FEET

NO.	DATE	BY	PROJECT ARCH/ ENGR APPROVAL	DEPT. WORK/SUPR APPROVAL
6	3/20/19	RAL	RW	CED
5	06/05/18	HAP	RW	CED
4	06/01/18	HAP	RW	CED
3	05/16/18	HAP	RW	CED
2	04/24/18	HAP	RW	CED
1	03/02/18	HAP	RW	CED
0	12/12/17	HAP	RW	CED



URS Corporation

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

625 BROADWAY
ALBANY, NEW YORK 12233

COLLEGE POINT 3
COLLEGE POINT, NY
SITE NO. 241122

INTERIM REMEDIAL MEASURE DESIGN

DRAINAGE PLAN SOUTHLAWN AREA

OWNER'S PROJECT NUMBER	PROJECT NUMBER
DATE	SCALE
DECEMBER 2017	AS SHOWN
DRAWN BY	
HAP	
CHECKED BY	
CED	
ARCH/ENGR.	
RW	



1	3/20/19	RAL	RW	CED
0	12/12/17	HAP	RW	CED
NO.	DATE	BY	PROJECT ARCH/ ENGR APPROVAL	DEPT. MGR/SUPR APPROVAL

257 West Genesee Street, Buffalo, New York 14202
(716)856-5636 phone (716)856-2545 fax

625 BROADWAY
ALBANY, NEW YORK 12233

RIVERIA COURT PLANTINGS

OWNER'S PROJECT NUMBER	PROJECT NUMBER 60536797
DATE DECEMBER 2017	SCALE AS SHOWN
DRAWN BY HAP	
CHECKED BY CED	
ARCH/ENGR. RW	