SOIL EROSION CONTROL NOTES

BERGEN COUNTY SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL NOTES

1. All soil erosion and sediment control practices will be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (NJ Standards), and will be installed in proper sequence and maintained until permanent stabilization is established.
2. Any disturbed area that will be left exposed for more than thirty (30) days and not subject to construction shall be stabilized immediately upon completion of disturbance. During the season prohibits temporary seeding, the disturbed area will be mulched with unrotted straw at a rate of 2 tons per acre anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
3. Immediately following initial disturbance or rough grading, all critical areas subject to erosion will receive a temporary seeding in combination with straw mulch or a suitable equivalent, at a rate of 2 tons per acre, according to the NJ Standards.
4. Stabilization Specifications:
A. Temporary Seeding and Mulching:
Ground Limestone – Applied uniformly according to soil test recommendations.
Fertilizer – Apply 11lbs./1,000 sf of 10–20–10 or equivalent with
50% water insoluble nitrogen (unless a soil test indicates otherwise)
worked into the soil a minimum of 4".
Seed – perennial ryegrass 100 lbs. /acre (2.3 lbs. /1,000 sf) or other approved
seed; plant between March 1 and May 15 or between August 15 and October 1.
Mulch – Unrotted straw or hay at a rate of 70 to 90 lbs. /1,000 sf applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
B. Permanent Seeding and Mulching:
Topsoil –A uniform application to an average depth of 5", minimum of 4"firmed in place is required.
Ground Limestone – Applied uniformly according to soil test recommendations.
Fertilizer – Apply 11 lbs. /1,000 sf of 10–10–10 or equivalent with
50% water insoluble nitrogen (unless a soil test indicates otherwise)
worked into the soil a minimum of 4".
Seed – Turf type tall fescue (blend of 3 cultivars) 350 lbs. /acre (8 lbs. /1,000 sf)
or other approved seed; plant between March 1 and October 1
(summer seeding requires irrigation)
Mulch – Unrotted straw or hay at a rate of 70 to 90 lbs. /1,000 sf applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
5. The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
6. Soil erosion and sediment control measures will be inspected and maintained on a regular basis, including after every storm event.
7. Stockpiles are not to be located within 50' of a floodplain, slope, roadway or drainage facility. The base of all stockpiles shall be contained by a haybale sediment barrier or silt fence.
(OVER)
8. A crushed stone, vehicle wheel-cleaning blanket will be installed wherever a construction access road intersects any paved roadway. Said blanket will be composed of 1" – 2½" crushed stone, 6" thick, will be at least 30' x 100' and should be underlain with a suitable synthetic sediment filter as directed by the District.
9. Maximum slopes of all exposed surfaces shall not exceed 3:1 unless otherwise approved by the District.
10. Driveways must be stabilized with 1" – 2½" crushed stone or subbase prior to individual lot construction.
11. All soil washed, dropped, spilled or tracked outside the limit of disturbance or onto public rightof–ways, will be removed immediately. Paved roadways must be kept clean at all times.
12. Catch basin inlets will be protected with an inlet filter designed in accordance with Section 28 –1 of the NJ Standards.
13. Permanent drainage outlets will be stabilized, as required, before the discharge points become operational.
14. Dewatering operations must discharge directly into a sediment control bag or other approved filter in accordance with Section 14–1 of the NJ Standards.
15. Dust shall be controlled via the application of water, calcium chloride or other approved method in accordance with Section 16–1 of the NJ Standards.
16. Trees to remain after construction are to be protected with a suitable fence installed at the drip line or beyond in accordance with Section 9–1 of the NJ Standards.
17. The project owner shall be responsible for any erosion or sedimentation that may occur below storm sewer outfalls, and shall be liable for any damages resulting from same.
18. Any revision to the certified Soil Erosion and Sediment Control Plan must be submitted to the District for review and approval prior to implementation in the field.
19. A copy of the certified Soil Erosion and Sediment Control Plan must be available at the project site throughout construction.
20. The Bergen County Soil Conservation District must be notified, in writing, at least 48 hours prior to any land disturbance: Bergen County SCD, 700 Kinderkamack Road, Suite 106, Oradell, NJ 07649 (201) 634–9403 FAX (201) 634–0324
21. The Bergen County Soil Conservation District may request additional measures to minimize on an off–site erosion problems during construction.
22. The owner must obtain a District issued report of compliance prior to the issuance of any certificate of occupancy. The District requires at least one week's notice to facilitate the scheduling of all report of compliance inspections. All site work must be completed, including temporary/permanent stabilization of all exposed areas, prior to the issuance of a report of compliance by the District.
Revised 12/7/17

SOIL DE–COMPACTION AND TESTING REQUIREMENTS

Soil Compaction Testing Requirements

1. Subgrade soilsprior to the application of topsoil (see permanent seeding and stabilizationnotes for topsoilrequirements) shall be free of excessive compaction to a depth of 6.0 inches to enhance the establishment of permanent vegetative cover.

2. Areas of the site which are subject to compaction testing and/or mitigation aregraphically denoted on the certified soil erosion control plan.

3. Compaction testing locations are denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the compaction mitigation verification form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.

4. In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (excluding exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction whereupon only the excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

Compaction Testing Methods

A. Probing Wire Test (see detail)
B. Hand–held Penetrometer Test (see detail)
C .Tube Bulk Density Test (licensed professional engineer required
D. Nuclear Density Test (licensed professional engineer required)

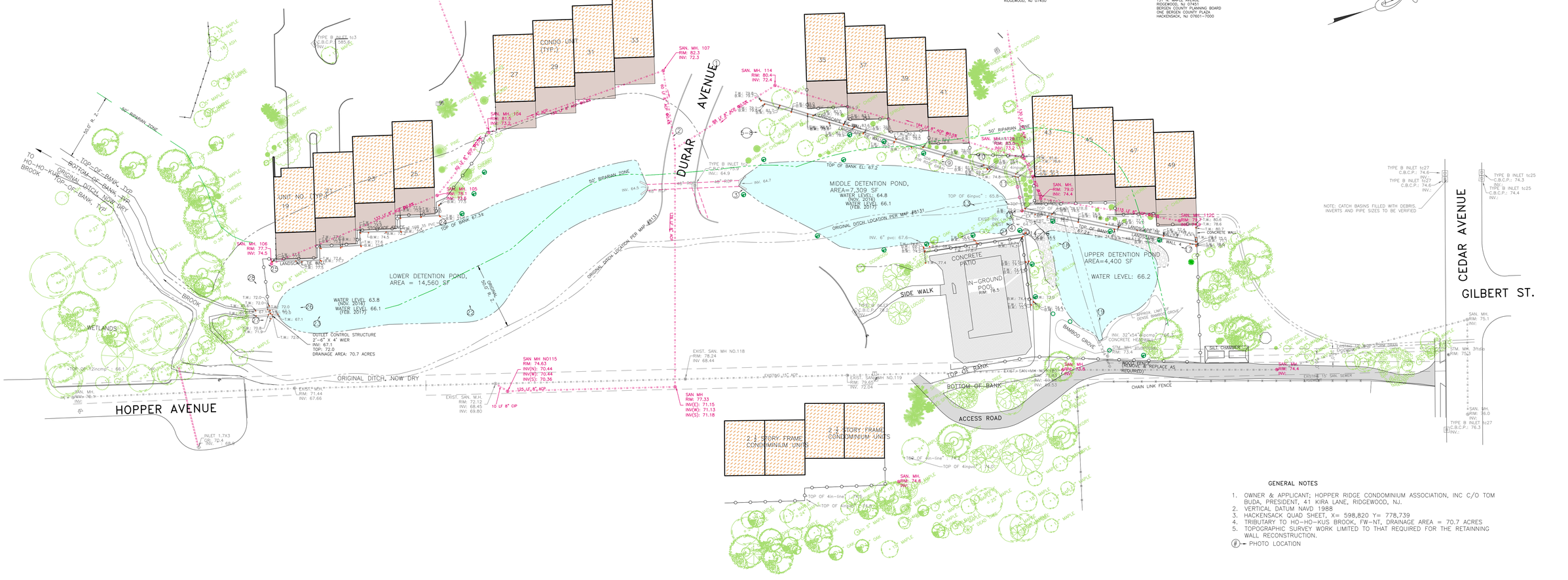
Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if/when subsoil compaction remediation (scarification/tillage (6" minimum depth) or similar) is proposed as part of the sequence of construction.

Procedures for Soil Compaction Mitigation
Procedures shall be used to mitigate excessive soil compaction prior to placement of topsoil and establishment of permanent vegetative cover.
Restoration of compacted soils shall be through deep scarification/tillage (6" minimum depth) where there is no danger to underground utilities (cables, irrigation systems, etc.). In the alternative, another method as specified by a New Jersey Licensed Professional Engineer maybe substituted subject to District Approval.

200' RADIUS PROPERTY OWNER LIST

BLOCK	LOT	PROPERTY OWNER
4012.11		WHITE, JAMES 254 S. IRVING STREET RIDGEWOOD, NJ 07450
4012.12		SHAW, JOHN 339 GILBERT STREET RIDGEWOOD, NJ 07450
4011.11		ARAMIAN, JOHN 351 CEDAR AVE RIDGEWOOD, NJ 07450
4016.12		RICHARDOT, WILLIAM H. III & EILEEN K. 345 CEDAR AVENUE RIDGEWOOD, NJ 07450
4017.10		HOPPER, ERIC 398 GILBERT STREET RIDGEWOOD, NJ 07450
4017.11		HOPPER, STANLEY 370 GILBERT STREET RIDGWOOD, NJ 07450
4017.12		MC NULTY, EILEEN A. 342 GILBERT ST. RIDGEWOOD, NJ 07450
4017.13		SULLIVAN, DENIS T & KIMBERLY A 357 FRANKLIN AVENUE RIDGEWOOD, NJ 07450
4017.14		SCOTT, EUNICE M & LAURA AUSTIN 167 MADRONE AVENUE LARKSPUR, CA 94939
4017.15		WONG, KAI WAI 366 CEDAR AVENUE RIDGEWOOD, NJ 07450
4017.16		MCGIVNEY, LAWRENCE J 361 CEDAR AVE RIDGEWOOD, NJ 07450
4101.3		ZEGARRA, REBECCA N. 9085 JUDICIAL DR APT 2520 SAN DIEGO, CA 92122
4101.4		FARLOW, MATTHEW C & SUSAN COOK 344 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.5		MCKENNA, MICHELE L. 348 CEDAR AVE RIDGEWOOD, NJ 07450
4101.6		GERSTEIN, RAOUL 352 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.7		DIVIT, KIRIT & YASHAWA 356 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.8		DUNWORTH, JOHN F (V) & MARGARET M 360 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.9		SHARMA, ROMAN & ANINA 366 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.10		KACHHOLI, SACHIN & ARTI 372 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.11		NOE, PAUL F (V) & ELIZABETH R 376 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.12		OLSEN, THOMAS S. & ELIZABETH C 380 CEDAR AVENUE RIDGEWOOD, NJ 07450
4101.13		SCOTT, LUEVA(TRUSTEE, ETALS) 222 CAMELLIA CIRCLE LARKSPUR, CA 94939
4101.17		FIRST REFORMED cHURCH 303 PROSPECT STREET RIDGEWOOD, NJ 07450
4101.18		FIRST REFORMED cHURCH 303 PROSPECT STREET RIDGEWOOD, NJ 07450
4101.19		MARTINO, MICHAEL J & REGINA 293 PROSPECT STREET RIDGEWOOD, NJ 07450
4103.10		SWEENEY, TIMOTHY P. & MARGARET STACK 334 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.1		DOLAN, ELIZABETH ELISA M. 317 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.2,02		VESTER, WALTER C III & SYLVIA MARIA 329 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.2,03		MOOMJY, ROBERT A & CHRISTINE 339 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.5		MOOMJY, ROBERT A & LEAH B 349 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.6		PISNANONTI, JOHN & VALERIE 357 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.7		WESTDUK, DIAN & ASHFORD, KELLY G. 359 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.8		REID, JASON & AIMEE 367 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.9		YLANJIAN, JOHN GHANNES & BLANDA 375 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.10		HUSAIN, ZAKIUDDIN & HUSSAINA 4 PERSHING CT NORTH BRUNSWICK, NJ 08902
4104.11		GAMMER, SCOTT & KATHERINE 391 PROSPECT STREET RIDGEWOOD, NJ 07450
4104.25		YANKU, AURA 3 DURAR AVENUE RIDGEWOOD, NJ 07450
4104.26		NAGASAMUDRA, HARI & ATMAKUR, KRISHNA 378 HOPPER AVENUE RIDGEWOOD, NJ 07450
4104.27		LE SHANNA, NORMA S. 372 HOPPER AVENUE RIDGEWOOD, NJ 07450
4104.1		HORBATT, MICHAEL & RE FURSTE 593 RIVERBEND AVENUE LAKEWOOD, NJ 08701
4104.2		BOUDREAU, MICHAEL & JOANNE 262 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.3		WONG, ALEX & KIMBERLY LOK 272 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.4		LUNG, DIEGO & INGRO R. 282 S IRVING STREET RIDGEWOOD, NJ 07450
4104.5		OLSEN, ARNE S(V) & MARGUERITE B 286 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.6		O'BRIEN, MARY & DIANNE 292 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.7		FALLON, ROBERT P. LEENG, JOAN J 300 S IRVING STREET RIDGEWOOD, NJ 07450
4104.8		MCKEON, JOHN W. & JOAN H. 310 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.9		HLAVACEK, TIMOTHY & KATHRYN 316 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.10		GIBNEY, JAMES T & CHERYL (TRUSTEES) 322 SOUTH IRVING ST RIDGEWOOD, NJ 07450
4104.11		SAPNAR, MARK & DIANE ALLEHAUX 328 S IRVING ST RIDGEWOOD, NJ 07450
4104.12		WYLIE, JAMES G & LOIS ANN 334 S IRVING ST RIDGEWOOD, NJ 07450
4104.13		SAWYER, DANIEL & MICHELLE TUZIO 338 S. IRVING STREET RIDGEWOOD, NJ 07450
4104.34		ANDERSON, WANDA 385 HOPPER AVE RIDGEWOOD, NJ 07450
4104.35		DOMANICO, RICCO & MARYANN 377 HOPPER AVENUE RIDGEWOOD, NJ 07450
4104.36		FLAMS, DEXTER I & ANDRIA C 341 HOPPER AVE RIDGEWOOD, NJ 07450
4104.37		BRIGUADORO, CHRISTINA 337 HOPPER AVE RIDGEWOOD, NJ 07450
4104.3,10		MARTINO, JOSEPH 35 CREST LOOP STATEN ISLAND, NY 10312
4104.3,102		BASIL, DMITRIY & OLGA 3 DURAR AVE RIDGEWOOD, NJ 07450
4104.3,103		MONAHAN, STEPHEN & PATRICIA 5 DURAR AVE RIDGEWOOD, NJ 07450
4104.3,104		CHUN, DAVID HEE KIM 7 QUEER AVE RIDGEWOOD, NJ 07450
4104.3,201		COVIELLO, MARYLU A 9 DURAR AVE RIDGEWOOD, NJ 07450
4104.3,202		MEDIMPEX NORTH AMERICA, INC. 11 DURAR AVE RIDGEWOOD, NJ 07450
4104.3,203		LEVIN, VYACHESLAV & YULIYA 15 DURAR AVENUE RIDGEWOOD, NJ 07450
4104.3,204		LOVJERO, LUCAS G & ALEKSANDROVNA 17 DURAR AVENUE RIDGEWOOD, NJ 07450
4104.3,301		O'KEEFE, DANIEL 19 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,302		CHANG, CHIH–MING & WAN–JYUN 21 DANIEL COURT RIDGEWOOD, NJ 07450
4104.3,303		GON, KI TAE & YUN JU KIM 23 DANIEL COURT RIDGEWOOD, NJ 07450
4104.3,304		ROGERS, RONALD & LOUISE 25 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,401		IM, CHAE K. & MIRA 20 DANIEL COURT RIDGEWOOD, NJ 07450
4104.3,402		MATSUMOTO, TAICHI & MAMI 22 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,403		OOI, KOH JOO & WEI YAN TONG 24 DANIEL COURT RIDGEWOOD, NJ 07450
4104.3,404		LEROSE, JAMES & HELEN 26 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,501		SING, LAM YONG 27 DANIEL CT POWELL, OH 43065
4104.3,502		AZAD, PRATAP S & UNNAT CHAUHAN 29 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,503		ANZALONE, PAUL A. & HECKER, ELLEN G 31 DANIEL COURT RIDGEWOOD, NJ 07450
4104.3,504		SHUMEJDA, A. JOEL & CARMEN M 33 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,601		DEUTSCH, NEIL & HELEN 28 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,602		REHMAN & FAEZEH GHOLAMI 30 DANIEL COURT RIDGEWOOD, NJ 07452
4104.3,603		PARK, JU KI & SUNG SUK MIN 32 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,604		LEE, IMAN HYO & JIHYE BAEK 34 DANIEL CT RIDGEWOOD, NJ 07450
4104.3,701		KIN & TENGSH, XU 35 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,702		JACKSON, MARK J & PATRICK F 37 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,703		WANG, JULIA 39 KIRA LA RIDGEWOOD, NJ 07450
4104.3,704		HOLT, THOMAS (V) & TOBIA, ANTOINETTE 41 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,801		SAMYN, DAVID R & MARY ARMSTRONG 42 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,802		PART B TRUST & BERG, RUTH 40 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,803		WANG, DEXTER & YUDELKA 46 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,804		ALEX, ALDY & SHUNG OK & HAE YOON 48 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,901		BRONSTEIN, MARIETTE(W) 43 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,902		ENGLER, MARCY V 24 MASTERSON COURT WALDWICK, NJ 07463
4104.3,903		OGIMACHI, SEIKI 47 KIRA LANE RIDGEWOOD, NJ 07450
4104.3,904		SATHYAMOORTH, ASHWIN & KANCHAN 49 KIRA LANE RIDGEWOOD, NJ 07450
		PUBLIC SERVICE ELECTRIC & GAS CO. MANAGER – CORPORATE PROPERTIES 80 PARK PLAZA, T6B NEWARK, NJ 07102
		CABLEVISION OAKLAND, NJ 07436
		RIDGEWOOD WATER DEPARTMENT DIRECTOR'S OFFICE 131 N. MAPLE AVENUE RIDGEWOOD, NJ 07450
		VERIZON NJ INC MARK BOCCHERI, DIRECTOR–EXTERNAL AFFAIRS 25 MAIN STREET HACKENSACK, NJ 07601
		PASCACK VALLEY DIVISION COLLECTION SYSTEM OPERATIONS 131 N. MAPLE AVENUE RIDGEWOOD, NJ 07451
		BERGEN COUNTY PLANNING BOARD ONE BERGEN COUNTY PLAZA HACKENSACK, NJ 07601–7000


SAN. MH. 107
RIM: 82.3
INV: 72.3
SAN. MH. 104
RIM: 81.5
INV: 73.5
SAN. MH. 105
RIM: 78.1
INV: 73.6
SAN. MH. 106
RIM: 77.7
INV: 74.5
SAN. MH. 114
RIM: 80.4
INV: 72.4
SAN. MH.W5128
RIM: 83.2
INV: 73.2
SAN. MH.
RIM: 79.0
INV: 74.4
SAN. MH. 112C
RIM: 79.2
INV: 80.6
SAN. MH.
RIM: 74.4
INV:
SAN. MH.
RIM: 74.6
INV:
SAN MH NO115
RIM: 74.63
INV(N): 70.44
INV(W): 70.44
INV(S): 70.36
SAN MH
RIM: 77.33
INV(E): 71.15
INV(W): 71.13
INV(S): 71.18
SAN. MH.
RIM: 75.1
INV:
STM. MH. 3ftdia
RIM: 75.3
SAN. MH.
RIM: 56.0
INV:
TYPE B INLET tc27
C.B.C.P.: 76.3
INV:
TYPE B INLET tc27
C.B.C.P.: 74.6
INV:
TYPE B INLET tc27
C.B.C.P.: 74.6
INV:
TYPE B INLET tc25
C.B.C.P.: 74.3
INV:
TYPE B INLET tc25
C.B.C.P.: 74.4
INV:
NOTE: CATCH BASINS FILLED WITH DEBRIS, INVERTS AND PIPE SIZES TO BE VERIFIED
CEDAR AVENUE
GILBERT ST.
DURAR AVENUE
HOPPER AVENUE
ORIGINAL DITCH, NOW DRY
TOP–OF–BANK, TYP.
BOTTOM–OF–BANK, TYP.
ORIGINAL DITCH, NOW DRY
TOP–OF–BANK, TYP.
TO HO–HO–KUS BROOK
BROOK
WETLANDS
50' RIPARIAN ZONE
LOWER DETENTION POND,
AREA = 14,560 SF
WATER LEVEL: 63.8
(NOV. 2016)
WATER LEVEL: 66.1
(FEB. 2017)
OUTLET CONTROL STRUCTURE
2'–6" X 4' WIER
INV: 67.1
TOP: 72.0
DRAINAGE AREA: 70.7 ACRES
MIDDLE DETENTION POND,
AREA=7,309 SF
WATER LEVEL: 64.8
(NOV. 2016)
WATER LEVEL: 66.1
(FEB. 2017)
TOP OF BANK EL: 67.2
UPPER DETENTION POND
AREA=4,400 SF
WATER LEVEL: 66.2
ORIGINAL DITCH LOCATION PER MAP #8131
CONCRETE PATIO
IN–GROUND POOL
RIM: 78.5
SIDE WALK
BAMBOO GROVE
SILT CHAMBER
TOP OF BANK
BOTTOM OF BANK
ACCESS ROAD
CHAIN LINK FENCE
REMOVE & REPLACE AS REQUIRED
CONCRETE HEADWALL
CONCRETE WALL
LANDSCAPE TIE WALL
UNIT NO. 1 TYP.
CONDO. UNIT (TYP.)
2 ½ STORY FRAME CONDOMINIUM UNITS
2 ½ STORY FRAME CONDOMINIUM UNITS
EXIST. SAN. MH NO.118
RIM: 78.24
INV 68.44
EXIST. SAN. MH NO.119
RIM: 79.65
INV: 72.04
EXIST. SAN. M.H.
RIM: 72.12
INV: 68.45
INV: 69.80
EXIST. MH
RIM: 71.44
INV: 67.66
SAN. MH.
RIM: 76.0
INV:
INLET 1.7X3
GR.
INV. 70.4
68.8
10 LF 8" CP
125 LF 8" ACP
150 LF 8" ACP
90 LF 8" ACP
133 LF 8" ACP
TOP OF 4inpvc 74.0
TOP OF 4in–line 74.0
TOP OF 4in–line 74.0
TOP OF 4inpvc 74.0
TOP OF 6inpvc 65.8
INV. 6" pvc: 67.6
INV. 32"x54" RCPHE 66.5
STM. MH. 4ftdia
RIM: 73.4
EXIST. 15" RCP
EXIST. 12" RCP
EXIST. 24" RCP
EXIST. 18" RCP
EXIST. 15" RCP
EXIST. 12" RCP
EXIST. 15" RCP
EXIST. 12" RCP
EXIST. 15" RCP
EXIST. 12