DEMO CONSTRUCTION NOTES

1. DEMOLISH EXISTING DWELLING & ASSOCIATED IMPERVIOUS / UTILITIES IN ACCORDANCE WITH ALL CITY OF NEWARK R-1 PERMIT SPECIFICATIONS AND REQUIREMENTS.
2. REMOVE EXISTING CONCRETE / BITUMINOUS PAVEMENT.
3. REMOVE EXISTING GRAVEL AREA.
4. REMOVE EXISTING SHED.
5. REMOVE EXISTING BRUSH / TREES.
6. SEAL & REMOVE WELL / PUMP BOX AND ASSOCIATED MATERIALS IN ACCORDANCE WITH DNREC REGULATIONS.
7. CONTRACTOR TO SOFT DIG EXISTING SEWER SYSTEM & REMOVE IN ACCORDANCE WITH CITY OF NEWARK SPECIFICATIONS.
8. CONTRACTOR TO REMOVE EXISTING ELECTRIC METER & SERVICE IN ACCORDANCE WITH CITY OF NEWARK SPECIFICATIONS.
9. CONTRACTOR TO REMOVE EXISTING CURB AND SIDEWALK AS NECESSARY FOR THE PROPOSED ENTRANCE.
10. CONTRACTOR TO REMOVE EXISTING GAS METER & SERVICE IN ACCORDANCE WITH CITY OF NEWARK SPECIFICATIONS.
CONTRACTOR TO INSTALL E-ONE GRINDER PUMP. SIZING AND SPECIFICATIONS TO BE DETERMINED IN CIP PHASE.

INSTALL 8" SDR 26 PVC PIPE. CLEANOUT TO BE INSTALLED WHERE SHOWN ON PLAN.

INSTALL SANITARY SEWER MANHOLE WITH FRAME AND COVER AT THE INVERTS AND ELEVATIONS SHOWNS HEREON (TYP).

COPPER TRACER WIRE AND 6" WIDE DETECTOR TAPE. SIZING TO BE CONFIRMED IN CIP PHASE.

CORE DRILL EXISTING SANITARY SEWER MANHOLE AND CONNECT PROPOSED 8" SEWER.

TAP EXISTING 8" WATER MAIN WITHIN CAPITOL TRAIL WITH A 10"x8" TAPPING SLEEVE AND VALVE. REPAIR ROAD PER CITY

INSTALL 1-1/4" SANITARY SEWER FORCEMAIN, SDR 11 HDPE (MIN. 3' OF COVER) WITH GREEN COATED NUMBER 12 AWG

OF WAY. MUELLER THERMAL-COIL METER PITS ARE TO BE INSTALLED 2 FEET BEYOND THE RIGHT OF WAY ON THE BUILDING

HEREON (280 LINEAR FEET) (42" MINIMUM COVER).

INSTALL 2" WATER SERVICE TAP WITH CORPORATION STOP & BOX FOR FIRE SERVICE AT EDGE OF THE RIGHT-OF-WAY. (TYP)

INSTALL 2" BLOW OFF WATER MAIN AND INSTALL CONCRETE BUTTRESS, SEE DETAIL SHEET.

SIDE. (6 REQUIRED), SEE DETAIL SHEET. WATER METERS TO BE PURCHASED FROM CITY OF NEWARK & INSTALLED IN EACH

UNIT, LOCATIONS TO BE APPROVED BY BUILDING INSPECTOR. (TYP).

DOMESTIC WATER SYSTEM CONSTRUCTION NOTES

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE REHABILITATION OR REPAIR OF THE EXISTING MANHOLE

RIGHT OF WAY AND TERMINATING AT A 2" BLOWOFF TO BE LOCATED AT THE TERMINAL END OF THE MAIN.

BY THE DEVELOPER AND APPROVED FOR RE-USE BY THE PUBLIC WORKS AND WATER RESOURCES DEPT.

ANY SANITARY SEWER LATERALS PROPOSED TO BE REUSED SHALL BE VISUALLY INSPECTED (TELEVISED)

PERMIT.

THE DEVELOPER SHALL PAY THE SEWAGE TREATMENT PLANT (STP) FEE PRIOR TO RECEIVING A BUILDING

"NEWARK" ANYWHERE ON THE LID.

ALL ON-SITE STORM SEWER AND SANITARY SEWER IS PRIVATE. ON-SITE MANHOLES SHALL NOT HAVE

UNUSED WATER AND SEWER SERVICES SHALL BE TERMINATED AT THE UTILITY MAIN UNLESS A MORE

ANY DAMAGE TO THE CITY STORM SEWER, WATER, OR SANITARY SEWER INFRASTRUCTURE SHALL BE

METER READING SYSTEM.

SHOULD THE PROPOSED BUILDING NEGATIVELY AFFECT THE PERFORMANCE OF THE CITY'S WIRELESS

BUILDING PERMIT.

THE DEVELOPER WILL BE RESPONSIBLE FOR THE INSTALLATION OF ADDITIONAL TRANSMISSION EQUIPMENT

TO REFLECT THE FLOW CAPACITY AND APPLY 2-INCH REFLECTIVE TAPE IN ACCORDANCE

PROJECT TO DETERMINE THE SIZE OF THE METERS IN COORDINATION WITH THE DEVELOPER. METER PITS SHALL BE

INDIVIDUAL WATER METERS WILL BE PROVIDED FOR EACH DWELLING AND/OR COMMERCIAL UNIT. THE

WITH THE STATE FIRE CODE.

THE REQUIRED FIRE PROTECTION FLOW RATE FOR THE BUILDING IS ________
CHARLOTTE'S WAY
PRELIMINARY
SEDIMENT AND STORMWATER MANAGEMENT PLANS
NEWARK HUNDRED
WHITE CLAY CREEK WATERSHED
NEW CASTLE COUNTY, DE

SEQUENCE OF CONSTRUCTION

1. Stonework: Constructing the stone or concrete elements of the construction site.
2. Plumbing: Installing water and sewage systems.
3. Electrical: Installing electrical systems.
4. HVAC: Installing heating, ventilation, and air conditioning systems.
5. Stormwater Management: Constructing stormwater management systems.
7. Final Inspection: Conducting a final inspection of the completed construction site.

SITE DATA

1. Land Use: Residential
2. Property Address: 1234 Main St.
3. Property Size: 1.30 Acres
4. Stormwater Area: White Clay Creek

STABILIZATION AND RESEEDING NOTES

1. Metal Studs: Metal studs shall be used for all walls. Metal studs shall be cut and bent as required.
2. Metal Nails: Metal nails shall be used for all framing. Metal nails shall be cut and bent as required.
3. Metal Screws: Metal screws shall be used for all connections. Metal screws shall be cut and bent as required.
4. Metal Hinges: Metal hinges shall be used for all doors. Metal hinges shall be cut and bent as required.

STABILITY AND STORMWATER APPROVAL STAMP

1. Stability: Constructing the stone or concrete elements of the construction site.
2. Stormwater: Installing water and sewage systems.
3. Electrical: Installing electrical systems.
4. HVAC: Installing heating, ventilation, and air conditioning systems.
5. Stormwater Management: Constructing stormwater management systems.
7. Final Inspection: Conducting a final inspection of the completed construction site.

EROSION & SEDIMENT CONTROL

1. Buffing: Buffing the site to improve the appearance of the construction site.
2. Screening: Screening the site to reduce dust and improve the appearance of the construction site.
3. Mulching: Mulching the site to improve the appearance of the construction site.
4. Seeding: Seeding the site to improve the appearance of the construction site.

ENGINEER'S CERTIFICATION

1. Firm Name: Firm Name
2. Engineer: Engineer
3. Date: Date

OWNERS CERTIFICATION

1. Firm Name: Firm Name
2. Owner: Owner
3. Date: Date

515 CAPITOL TRAIL
NEWARK, DE 19711
TOWN OF NEWARK
NEW CASTLE COUNTY

Sediment & Stormwater Management Cover Sheet
AREA REQUIRED = 60 S.F. @ 1' DEPTH

RPv (1-YEAR) STORM EL. = 60.13'
Cv (10-YEAR) STORM EL. = 60.21'

SEE DETAIL, THIS SHEET

INFILTRATION BASIN - SECTION A-A

BOTTOM OF POND.: 59.00'

1" = 1' VERTICAL

TP-7
BLANKET THICKNESS: 18" MIN
STONE SIZE: d50 = 6" (12" MAX)

ROCK OUTLET PROTECTION (R-4)
INSTALL SOIL STABILIZATION MATTING (SSM-1)

WIDTH: 14 L.F.

TP-2

3:1 SIDE SLOPES

INSTALL NORTH AMERICAN GREEN
SEE E& S DETAIL SHEET

2' BEYOND TOP OF BANK

PRIMARY OUTFALL WEIR & EXTEND (VMAX SC 250), OR EQUAL, ON
SEE E& S DETAIL SHEET

TURF REINFORCEMENT MATTING

BLANKET THICKNESS: 18" MIN
ROCK OUTLET PROTECTION (R-4)

DURING ESTABLISHMENT, AS NEEDED (FIRST YEAR)

EMBANKMENTS, ON POND SLOPES OR SAFETY BENCHES, AND WITHIN 10 FEET OF STRUCTURAL COMPONENTS, SUCH AS PIPE
FOR ALL STORMWATER EASEMENT AREAS AND THE MINIMUM 10-FOOT WIDE ACCESSWAYS TO ALL STORMWATER FACILITIES
NON-ROUTINE MAINTENANCE, OR IF MODIFICATIONS TO THE FACILITY ARE DESIRED.

C.O.N. SHALL BE NOTIFIED WITHIN 30 BUSINESS DAYS IF THE PROPERTY OWNERSHIP IS TRANSFERRED TO A NEW PERSON OR

TOE INTO TOP OF BANK

EXTEND MATTING 2' BEYOND TOP OF BANK

MARK
DATE:
ISSUE  BLOCK
MANAGEMENT
SWM PLAN
PR # 18-02-01
CITY OF NEWARK
515 CAPITOL TRAIL
Salisbury, MD  21801
Delaware Office: 302.734.7965
Ph. 910.341.7600
Fax 910.341.7506

C-503

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PROJ. MGR.:
TREE DENSITY REQUIREMENTS

REVERE PER CLIENT / CITY OF NEWARK

TREE DENSITY REQUIREMENTS:

1. All shade trees shall be spaced not more than 40 feet on center. Evergreen trees shall be located to screen building lots.

2. Shrub masses shall be planted in continuous mulched beds with a lightly tamped backfill. All container plants shall be planted in topsoil that is thoroughly watered and compacted depth of three (3) inches. All container plants are to have *52:7%5$1&+(67:,*6*5($7(5,1'$0(7(52)ò:(('66+$9,1*625*

3. It is required that landscape plants are to be staked prior to planting and staked in accordance with the detail indicated.

4. All trees shall be planted at or above ground level. Trees shall be staked around at 2 1/2" cal.

5. Shrubs shall be staked around at 6-8 ft.

6. All practical efforts shall be made to plant shrubs in the ground. Trees shall be staked around at 6-8 ft.

7. All practical efforts shall be made to plant shrubs in the ground. Trees shall be staked around at 6-8 ft.

8. Shrubs shall be staked around at 6-8 ft.

PLANT LIST:

- 10 Ilex x Nellie R. Stevens
- 6 Eastern Arborvitae
- 7 Eastern Red Cedar
- 3 Shade Trees

LANDSCAPE ARCHITECTS CERTIFICATION

Tree list information shown hereon has been prepared under my supervision and to my best knowledge.
Elevations and Perspectives

1/8" = 1'-0"

1 Front Elevation

2 Rear Elevation

3 Left Elevation

4 Right Elevation

5 Level 1 - Unit A

6 Level 2 - Unit A

7 Grade Level - Unit A

Footing - Unit A

13' - 8"

Truss - Unit A

17' - 5"

1 Footing - Unit F

6' - 2"

Grade Level - Unit F

1' - 9 7/8"

Level 1 - Unit F

7' - 6"

Level 2 - Unit F

16' - 9 7/8"

Truss - Unit F

24' - 11"