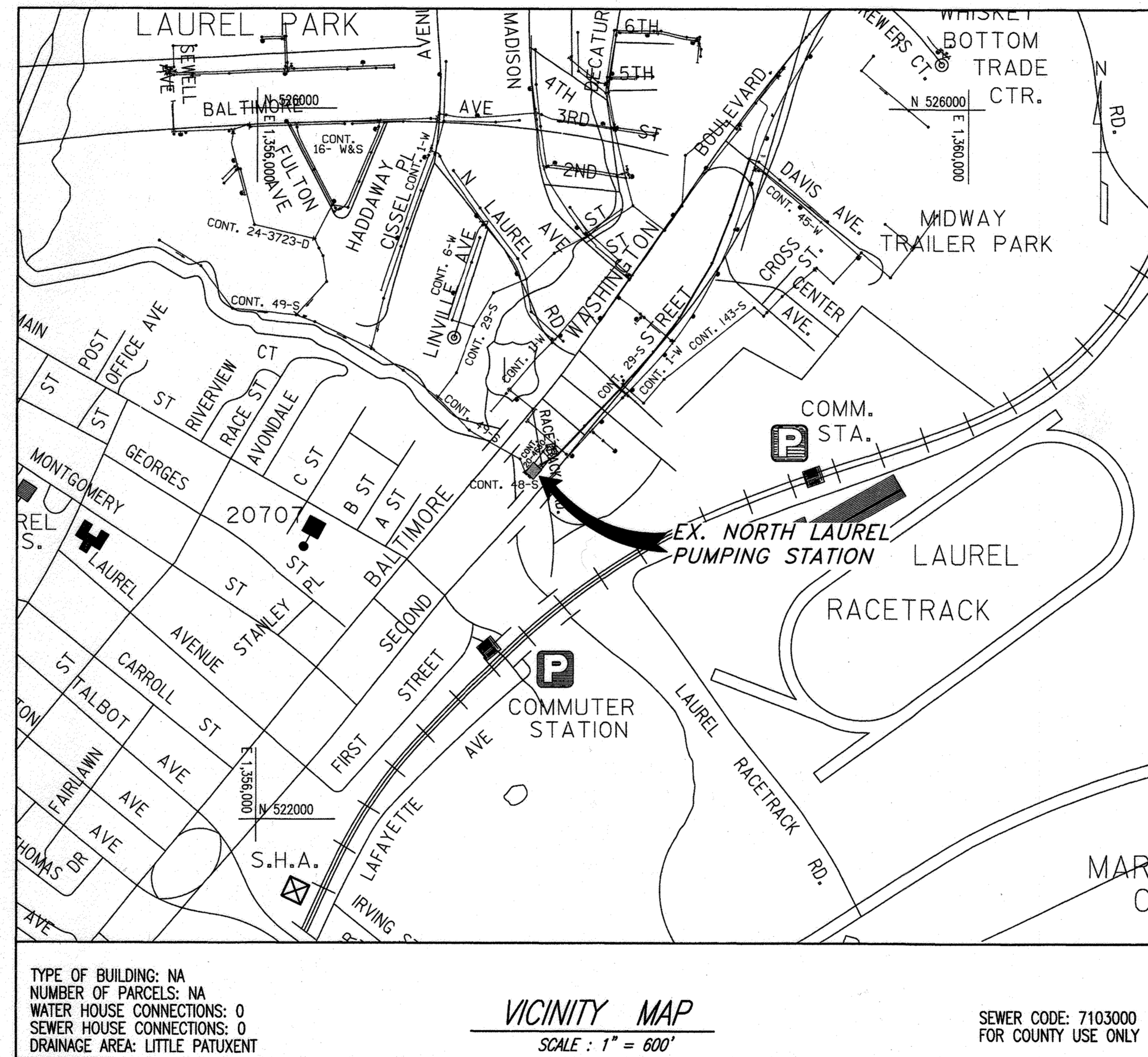


# OLD NORTH LAUREL WASTEWATER PUMPING STATION DECOMMISSIONING

## CAPITAL PROJECT NO. W8600 CONTRACT NO. 20-5047 HOWARD COUNTY, MARYLAND

PURPOSE STATEMENT

CONTRACT 20-5047 WILL DECOMMISSION THE OLD NORTH LAUREL WASTEWATER PUMP STATION, WHICH WAS ORIGINALLY BUILT UNDER CONTRACT 29-S AND WAS REPLACED UNDER CONTRACT 20-4680 (CAPITAL PROJECT S-6189). THE OLD PUMP STATION FACILITY WILL BE DEMOLISHED TO BELOW GRADE IN ITS ENTIRETY AND THE SITE WILL BE RESTORED TO PRE-EXISTING CONDITIONS.



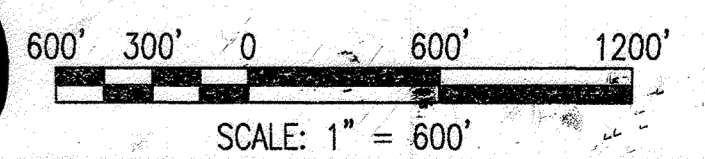
DIRECTIONS: TAKE ROUTE 32 EAST FROM I-95, AND TRAVEL SOUTH ON ROUTE 1 TO RACE TRACK ROAD

INDEX OF DRAWINGS

SHEET NO.	DRAWING	DESCRIPTION
1	G-1	TITLE SHEET, VICINITY MAP, AND INDEX OF DRAWINGS
2	C-1	SITE DEMOLITION AND GRADING PLAN
3	C-2	SITE DEMOLITION AND VICINITY MAP
4	D-1	DEMOLITION LEGEND, GENERAL NOTES, AND ABBREVIATION
5	D-2	EXTERIOR DEMOLITION PHOTOS
6	D-3	EXTERIOR DEMOLITION PHOTOS
7	D-4	LOWER LEVEL WWPS DEMOLITION PLANS
8	D-5	GRADE LEVEL WWPS DEMOLITION PLANS AND SECTIONS
9	R-1	REFERENCE SHEET 1
10	R-2	REFERENCE SHEET 2
11	R-3	REFERENCE SHEET 3
12	R-4	REFERENCE SHEET 4
13	R-5	REFERENCE SHEET 5
14	R-6	REFERENCE SHEET 6
15	R-7	REFERENCE SHEET 7

**NOT INCLUDED  
IN AS-BUILT  
SEE CONTRACT  
NO. 48-S FOR  
THESE  
DRAWINGS**

**AS-BUILT MAY 2000**



PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 24478, EXPIRATION DATE: 10/28/2019.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*[Signature]* 7-31-18  
DIRECTOR OF PUBLIC WORKS DATE

*[Signature]* 7/27/18  
CHIEF, UTILITY DESIGN DIVISION DATE

**WRA**  
Whitman, Requardt & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



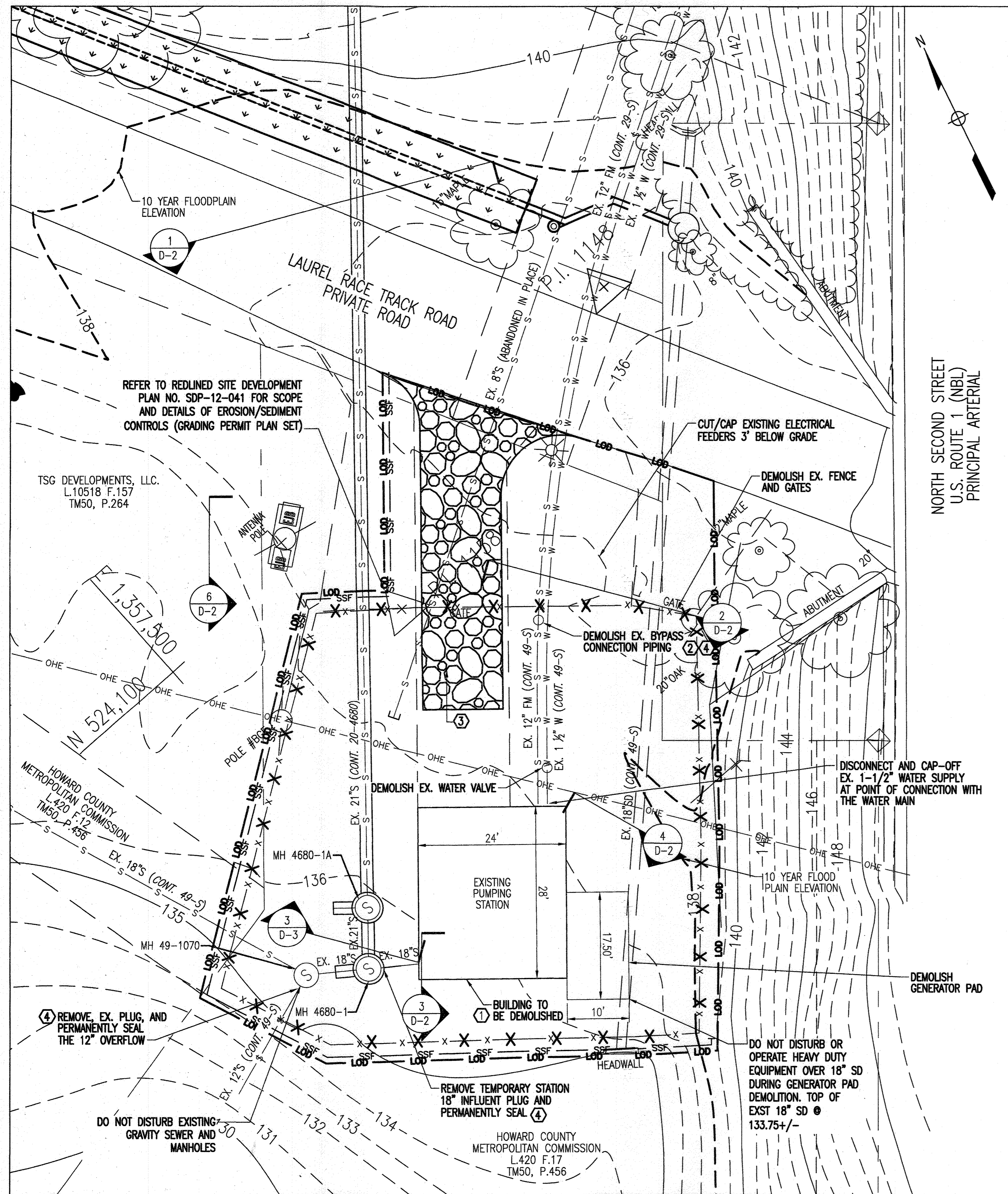
DES: MH			
DRN: MH			
CHK: RHM			
BY NO.	REVISION	DATE	

TITLE SHEET, VICINITY MAP,  
AND INDEX OF DRAWINGS

600' SCALE MAP NO. 48    BLOCK NO. 19

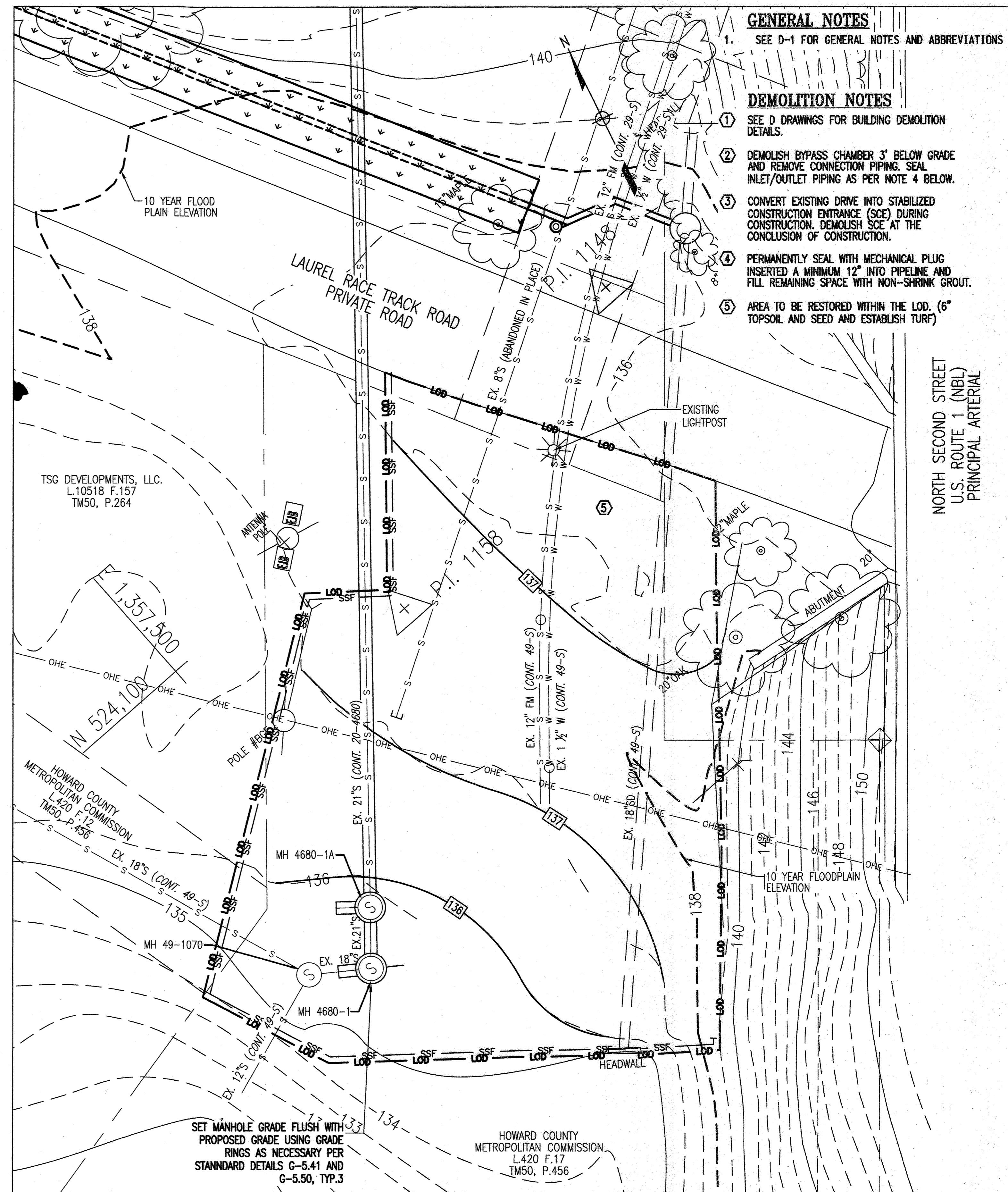
OLD NORTH LAUREL WWPS DECOMMISSIONING  
CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

G-1  
SCALE NONE  
SHEET 1 OF 15



EXISTING SITE DEMOLITION PLAN

SCALE: 1" = 10'



PROPOSED SITE GRADING PLAN

SCALE: 1" = 10'

- GENERAL NOTES**
- SEE D-1 FOR GENERAL NOTES AND ABBREVIATIONS
- DEMOLITION NOTES**
- SEE D DRAWINGS FOR BUILDING DEMOLITION DETAILS.
  - DEMOLISH BYPASS CHAMBER 3' BELOW GRADE AND REMOVE CONNECTION PIPING. SEAL INLET/OUTLET PIPING AS PER NOTE 4 BELOW.
  - CONVERT EXISTING DRIVE INTO STABILIZED CONSTRUCTION ENTRANCE (SCE) DURING CONSTRUCTION. DEMOLISH SCE AT THE CONCLUSION OF CONSTRUCTION.
  - PERMANENTLY SEAL WITH MECHANICAL PLUG INSERTED A MINIMUM 12" INTO PIPELINE AND FILL REMAINING SPACE WITH NON-SHRINK GROUT.
  - AREA TO BE RESTORED WITHIN THE LOD. (6" TOPSOIL AND SEED AND ESTABLISH TURF)

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 24478, EXPIRATION DATE: 10/23/2015.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James E. Butler* 7/27/10  
DATE  
CHIEF, BUREAU OF ENGINEERING

*Cheryl* 7-27-10  
DATE  
CHIEF, BUREAU OF UTILITIES

**WRA**  
Whitman, Reardon & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



DES: MH			
DRN: MH			
CHK: RHM			
BY NO.	REVISION	DATE	

SITE DEMOLITION AND GRADING PLAN	
600' SCALE MAP NO. 48	BLOCK NO. 19

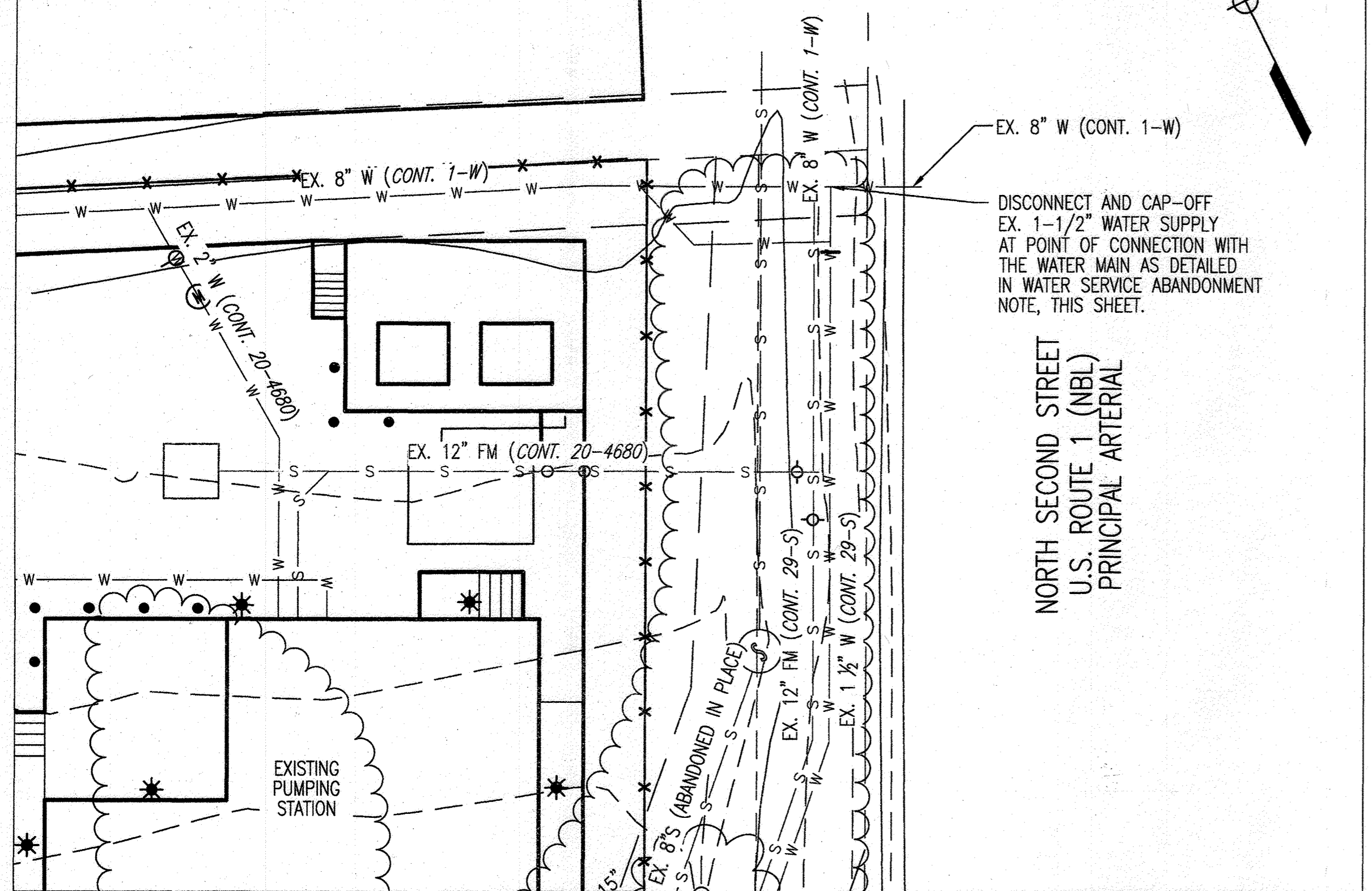
**AS-BUILT MAY 2020** C-1

OLD NORTH LAUREL WWPS DECOMMISSIONING  
CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047

6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

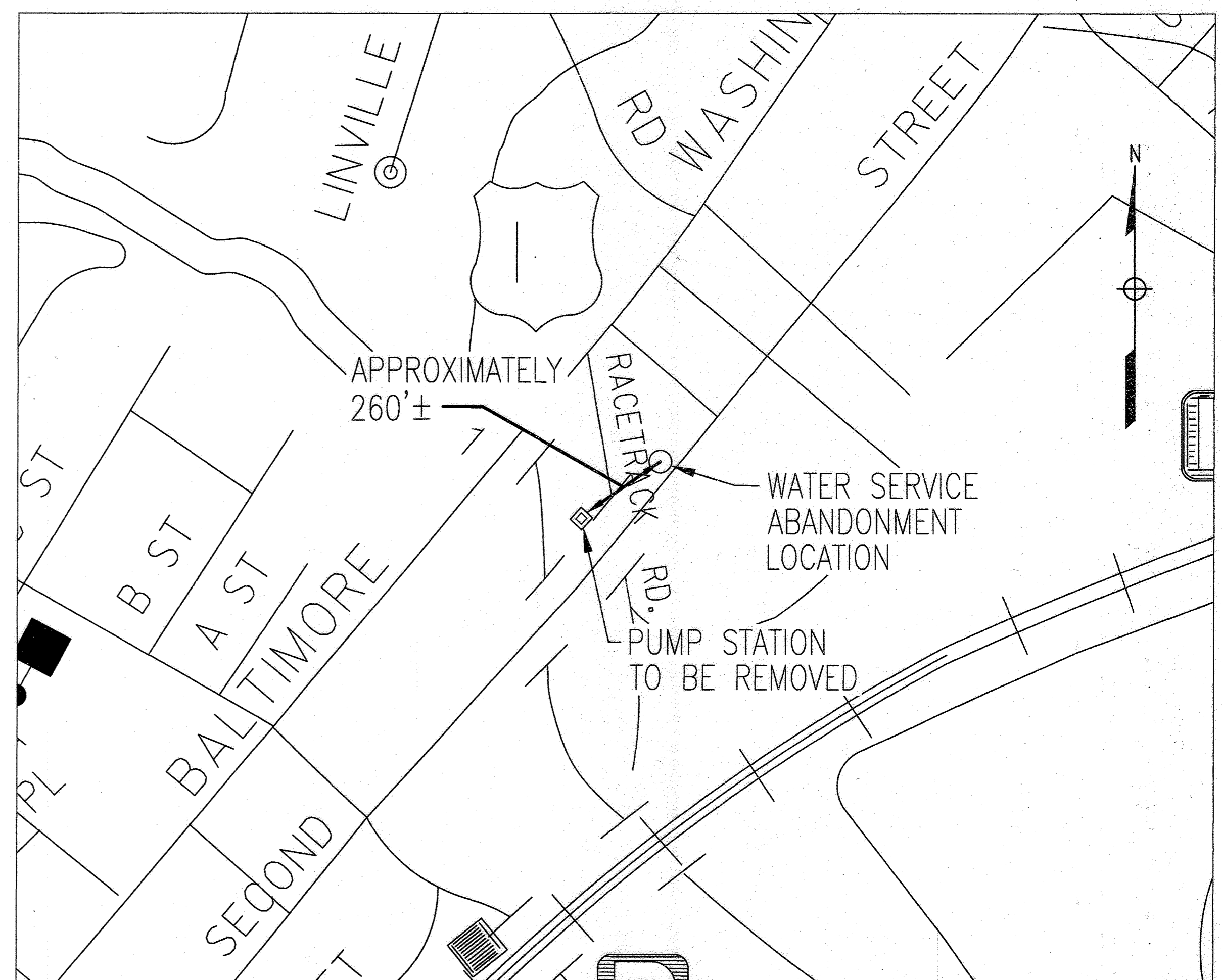
SCALE NONE  
SHEET 2 OF 15

MARYLAND HOSPITALITY GROUP INC.  
L.3456, F.603  
L.240, F.320  
TM.50, P.386



**EXISTING SITE DEMOLITION PLAN**  
SCALE: 1" = 10'

**WATER SERVICE ABANDONMENT NOTE:**  
THE ABANDONMENT OF THE EXISTING WATER SERVICE CONNECTION SHALL BE AS SPECIFIED UNDER SECTION 1015.03 OF THE STANDARD SPECIFICATIONS. REMOVAL OF THE EXISTING CORPORATION STOP OR TAPPING SADDLE REQUIRES SCHEDULING A SHUTDOWN OF THE WATER MAIN WITH THE BUREAU OF UTILITIES. THE EXISTING CORPORATION STOP SHALL BE REMOVED FROM THE WATER MAIN AND THE PIPE REPAIRED WITH A COUNTY-APPROVED STAINLESS STEEL FULL-CIRCLE REPAIR CLAMP SUCH AS FORD METER FS2, MUELLER 550, OR ROMAC SS2 SERIES.



**VICINITY MAP**  
SCALE: 1" = 250'

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 24478, EXPIRATION DATE: 10/29/2019.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

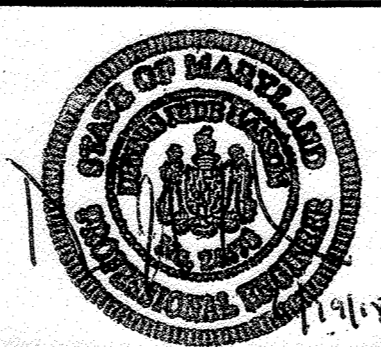
*John C. ...* 8/2/18  
DIRECTOR, PUBLIC WORKS DATE

*Thomas E. ...* 7/2/18  
CHIEF, BUREAU OF ENGINEERING DATE

*...* 7-30-18  
CHIEF, BUREAU OF UTILITIES DATE

*...* 7/2/18  
CHIEF, UTILITY DESIGN DIVISION DATE

**WRA**  
Whitman, Requardt & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



DES: MH			
DRN: MH			
CHK: RHM			
BY	NO.	REVISION	DATE

SITE DEMOLITION AND VICINITY MAP

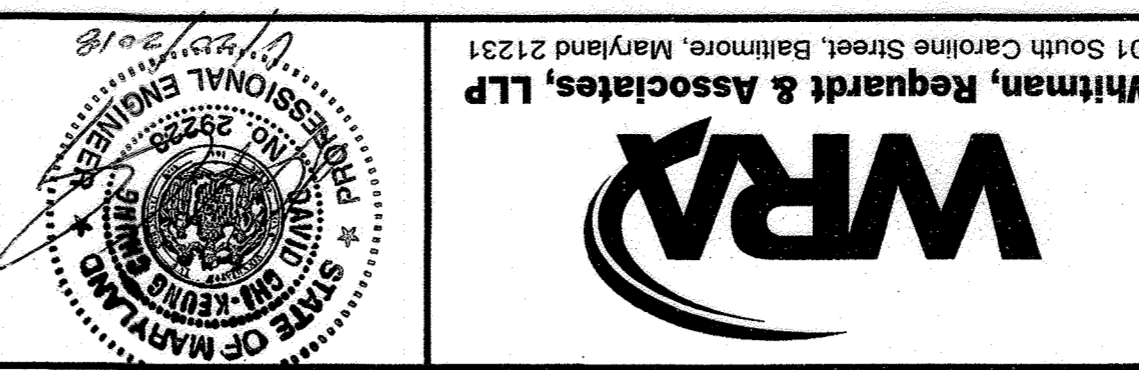
600' SCALE MAP NO. 48 BLOCK NO. 19

**AS-BUILT MAY 2020**

OLD NORTH LAUREL WWPS DECOMMISSIONING  
CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

C-2  
SCALE NONE  
SHEET 3 OF 15

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 CHIEF, BUREAU OF PUBLIC WORKS  
 DATE: 6/21/19  
 CHIEF, BUREAU OF UTILITIES  
 DATE: 7/2/19  
 CHIEF, UTILITY DESIGN DIVISION  
 DATE: 7/2/19  
 Whitman, Reardon & Associates, LLP  
 801 South Caroline Street, Baltimore, Maryland 21231



DES:	DRN:	CHK:	BY:	NO.:	REVISION	DATE	600' SCALE MAP NO. 48	BLOCK NO. 19

DEMOLITION LEGEND, GENERAL NOTES,  
 AND ABBREVIATIONS

OLD NORTH LAUREL WPPS DECOMMISSIONING  
 CAPITAL PROJECT NO. W8600  
 CONTRACT NO. 20-5047  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**AS-BUILT MAY 2020**

PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 29228, EXPIRATION DATE: 6/17/19

SYMBOL	DESCRIPTION
	DIRECTION OF FLOW ARROW (FIRST DIMENSION SHOWN IS TOP)
	SUPPLY OR FRESH AIR DUCT (FIRST DIMENSION SHOWN IS TOP)
	RETURN OR EXHAUST DUCT (FIRST DIMENSION SHOWN IS TOP)
	DUCT TURNED DOWN
	DUCT TURNED UP
	TRANSITION
	TRANSITION, SQUARE (RECTANGULAR) TO ROUND
	THERMOSTAT
	LIGHT POLE OR LIGHTPOLE BASE
	REDUCER OR INCREASER
	STOPCOCK
	SWING CHECK VALVE
	TRAP
	UNION
	FLOW ARROW
	GATE VALVE
	HOSE BIBB
	PIPE CAP
	PIPE ELBOW-TURNED DOWN
	PIPE ELBOW-TURNED UP
	PIPE GUIDE/SLEEVE
	PIPE TEE-OUTLET DOWN
	PIPE TEE-OUTLET UP
	PLUG VALVE
	EX. PUMP
	EX. BLOWER
	GROUND (ELECTRICAL)
	BACKFLOW PREVENTER

ABBREVIATION	DESCRIPTION
AC	AIR CHANGES
ADP	AVERAGE DAILY FLOW
ALM	ALUMINUM
APPROX	APPROXIMATE
BOB	BOTTOM OF BEAM
C	COEFFICIENT
CFM	CUBIC FEET PER MINUTE
CFH	CUBIC FEET PER HOUR
CL	CENTER LINE
CP	CONTROL PANEL
DEG	DEGREE
DEG C	DEGREE CELSIUS
DEG F	DEGREE FAHRENHEIT
DIA	DIAMETER
DN	DOWN
D	DRAIN
EFF	EFFECTENCY
EJ	EXPANSION JOINT
EL	ELEVATION
ENCL	ENCLOSURE
ETC	ETCETERA
EX	EXISTING
EXH	EXHAUST
FA	FLANGE ADAPTER
FD	FLOOR DRAIN
FF	FINISHED FLOOR
FIN	FINISHED
FLG	FLANGE
FLR	FLOOR
FPM	FEET PER MINUTE
FRP	FIBER REINFORCED PLASTIC
FS	FLOW SWITCH
FT	FEET
GAL	GALLONS
GALV	GALVANIZED
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HP	HIGH POINT
HZ	HERTZ
ID	INSIDE DIAMETER
ID	IDENTIFICATION
IN	INCH
INV	INVERT
LB OR LBS	POUNDS
LF	LINEAR FOOT
MAX	MAXIMUM
MDE	MARYLAND DEPARTMENT OF THE ENVIRONMENT
MG	MILLION GALLONS
MGD	MILLION GALLONS PER DAY
MIN	MINIMUM
N	NORTH
NC	NORMALLY CLOSED
NSC	NOT SHOWN FOR CLARITY
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PH	PHASE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PSY	PRESSURE SUSTAINING VALVE
PVC	POLYVINYL CHLORIDE
RED	REDUCER
RPM	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
SS	STAINLESS STEEL
TP	TYPICAL
W	WIDTH
WC	WATER COLUMN
WG	WATER GAUGE

PROCESS IDENTIFICATION LEGEND	GENERAL NOMENCLATURE
DESCRIPTION	ABBREVIATION
DRAIN	D
NON-POTABLE WATER	NPW
POTABLE WATER	PW
SANITARY SEWER	S
DESCRIPTION	ABBREVIATION
ELECTRIC UNIT HEATER	EUH-X

**GENERAL NOTES:**

- UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT THAT ARE REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE NECESSARY SAFETY EQUIPMENT TO PERFORM WORK IN CLASS 1 DIV. 1 AND CONFINED SPACES.
- SEE HAZMAT REPORT AND SPECIFICATIONS FOR HAZARDOUS MATERIAL SURVEY, REMOVAL AND DISPOSAL REQUIREMENTS.
- CONTRACTOR SHALL CONFIRM WITH LOCAL ELECTRICAL UTILITY THAT POWER HAS BEEN DISCONNECTED AND IT IS SAFE TO PERFORM WORK.
- THE WORK TO BE PERFORMED IS WITHIN THE 100 YEAR FLOOD PLAIN AND IS PRONE INTERMITTENT FLOOD DUE TO THE UPSTREAM DAM.
- PROVIDE TEMPORARY FENCE TO SECURE THE SITE.

**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		DEMOLITION
		DEMOTES CONSTRUCTION NOTES
		DEMOTES DEMOLITION NOTES

**EQUIPMENT IDENTIFICATION LEGEND**

DESCRIPTION	ABBREVIATION
DRAIN	D
NON-POTABLE WATER	NPW
POTABLE WATER	PW
SANITARY SEWER	S

**MECHANICAL/HVAC LEGEND**

SYMBOL	DESCRIPTION
	FAN, BLOWER OR PUMP
	FLANGED FITTING
	FLOOR DRAIN
	DIRECTION OF FLOW ARROW (FIRST DIMENSION SHOWN IS TOP)
	SUPPLY OR FRESH AIR DUCT (FIRST DIMENSION SHOWN IS TOP)
	RETURN OR EXHAUST DUCT (FIRST DIMENSION SHOWN IS TOP)
	DUCT TURNED DOWN
	DUCT TURNED UP
	TRANSITION
	TRANSITION, SQUARE (RECTANGULAR) TO ROUND
	THERMOSTAT
	LIGHT POLE OR LIGHTPOLE BASE
	REDUCER OR INCREASER
	STOPCOCK
	SWING CHECK VALVE
	TRAP
	UNION
	FLOW ARROW
	GATE VALVE
	HOSE BIBB
	PIPE CAP
	PIPE ELBOW-TURNED DOWN
	PIPE ELBOW-TURNED UP
	PIPE GUIDE/SLEEVE
	PIPE TEE-OUTLET DOWN
	PIPE TEE-OUTLET UP
	PLUG VALVE
	EX. PUMP
	EX. BLOWER
	GROUND (ELECTRICAL)
	BACKFLOW PREVENTER

1. APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.  
 2. TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED IN JUNE 2007 BY WHITMAN, REARDON & ASSOCIATES, LLP.  
 3. HORIZONTAL AND VERTICAL SURVEY CONTROLS: THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD 83/91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 502M2 AND NO. 0002. ALL VERTICAL CONTROLS ARE BASED ON NAD 88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE 24-INCH STEEL REBARS DRIVEN FLUSH TO THE GROUND WITH A 1-INCH PLASTIC CAP STAMPED "WRA TRAV".  
 4. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH HOWARD COUNTY VOLUME IV DESIGN MANUAL. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.  
 5. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:  
 AT&T ..... 1-800-252-1133  
 BGE (CONTRACTOR SERVICES) ..... 410-637-8713  
 BGE (EMERGENCY) ..... 410-685-0123  
 BUREAU OF UTILITIES ..... 410-313-4900  
 COLONIAL PIPELINE CO. .... 410-795-1390  
 MISS UTILITY ..... 1-800-257-7777  
 STATE HIGHWAY ADMINISTRATION ..... 410-531-5533  
 VERIZON ..... 1-800-743-0033/410-224-9210

**GENERAL NOTES:**

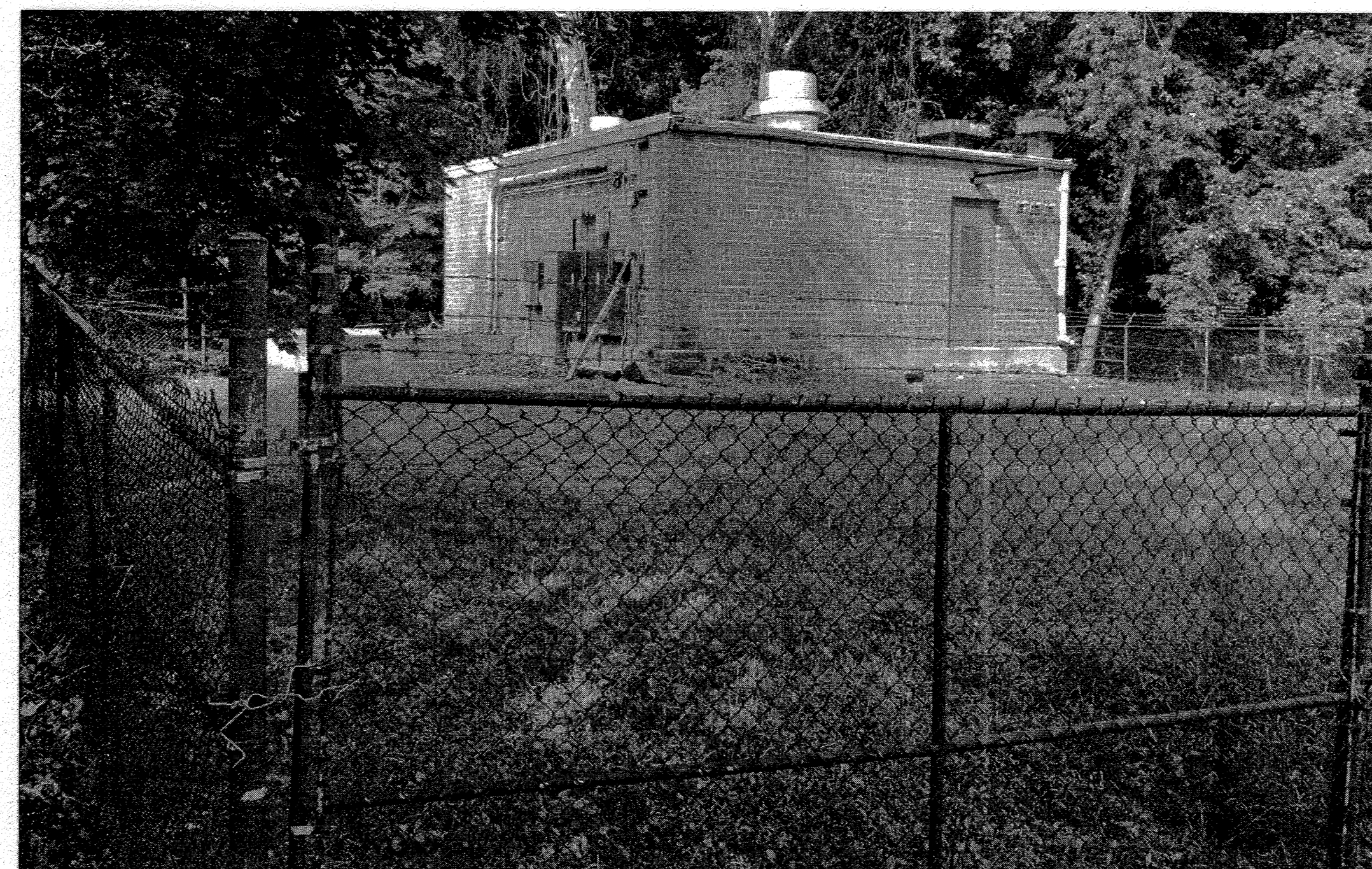
1. SEE D-1 FOR GENERAL NOTES AND ABBREVIATIONS

**DEMOLITION NOTES:**

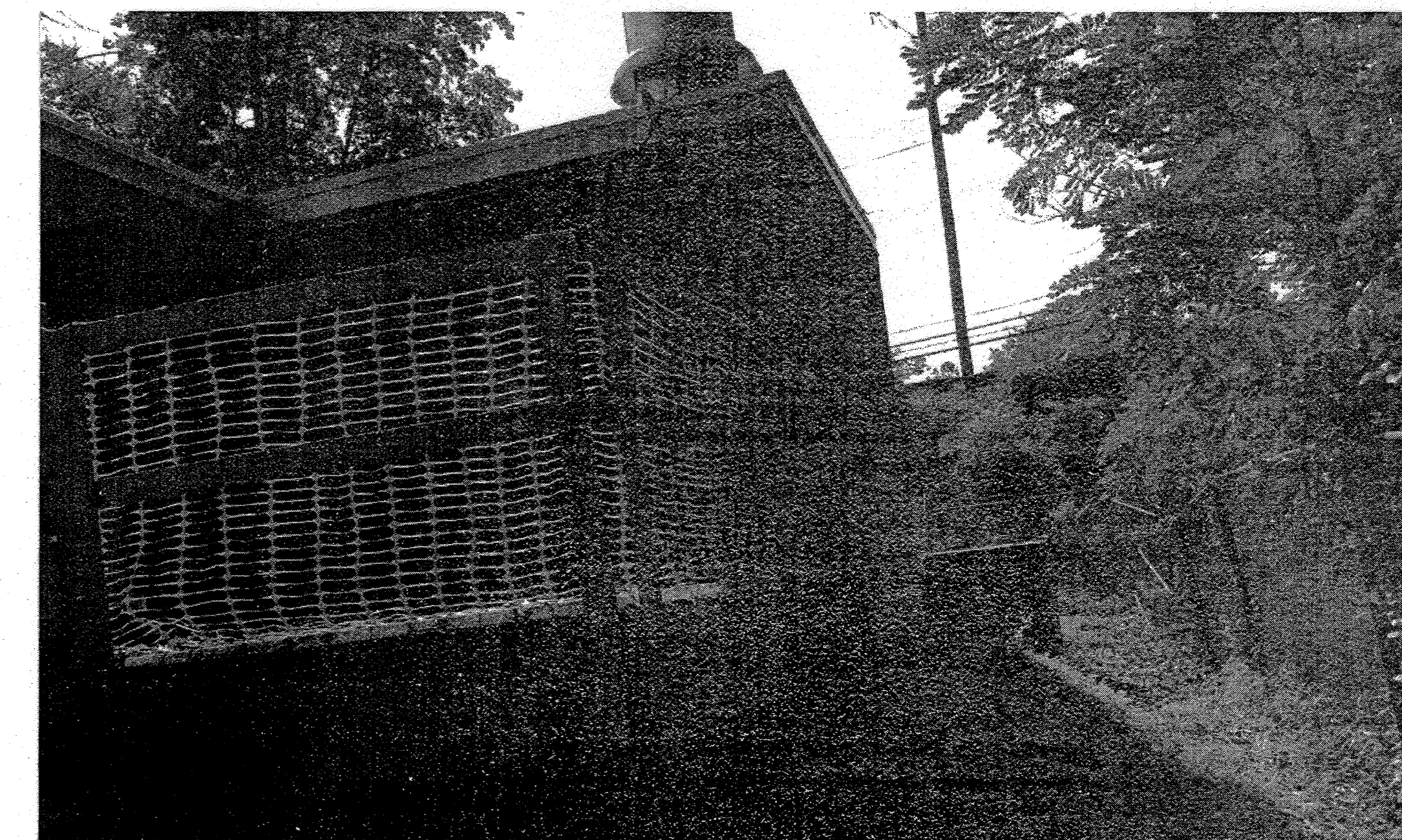
- ① CAP AND REMOVE ABANDONED EXPOSED ELECTRICAL FEEDERS TO 3 FEET BELOW GRADE.
- ② DEMOLISH ABOVE GRADE STATION, FENCE, ELECTRICAL FEEDERS, SLABS, AND OTHER EQUIPMENT TO 3 FEET BELOW GRADE.
- ③ FILL THE REMAINDER OF THE WET WELL/ PUMP ROOM WITH FLOWABLE FILL.



1  
D-2  
NORTHEAST SIDE OF BUILDING ②③

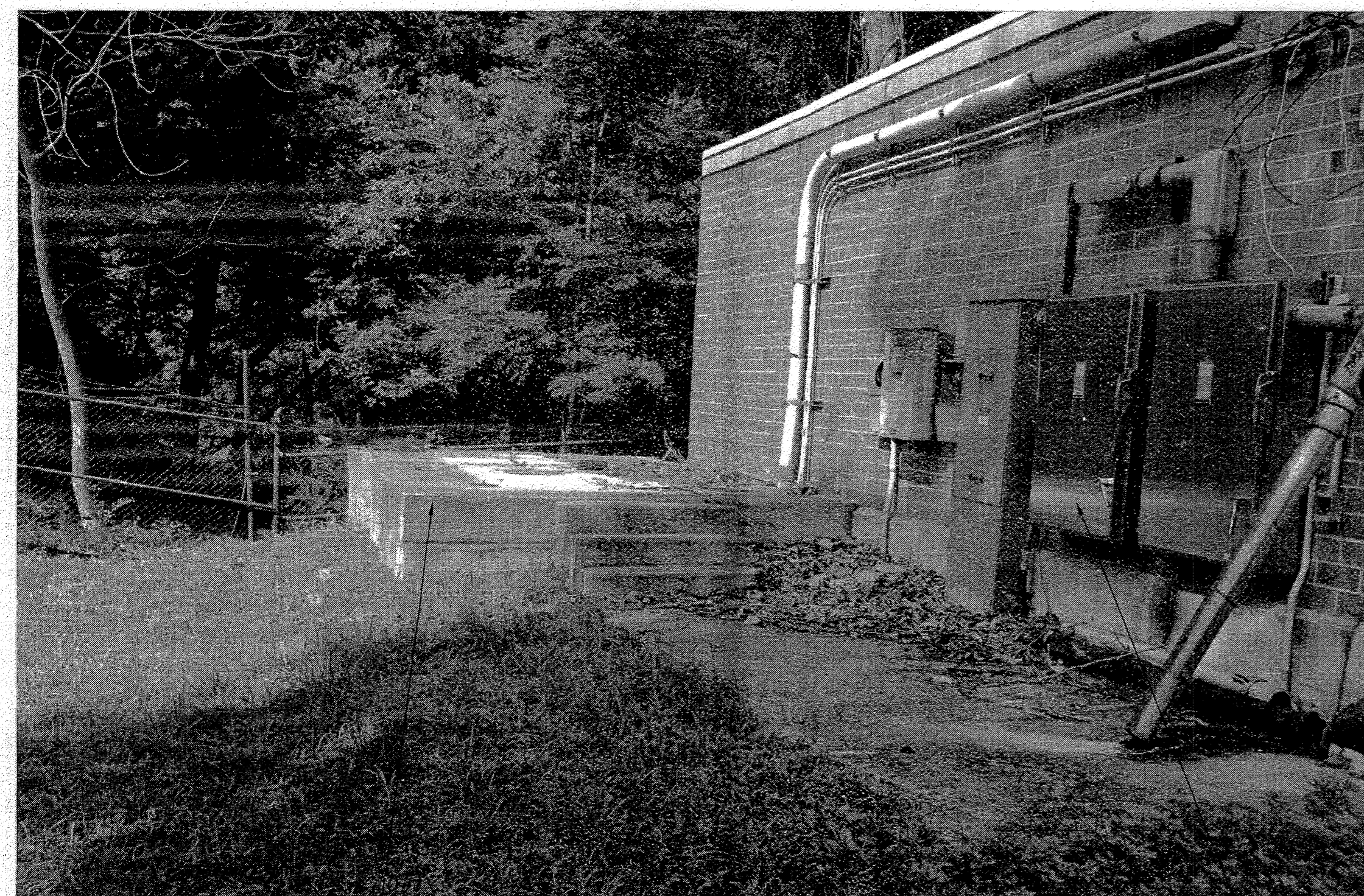


2  
D-2  
SOUTHEAST SIDE OF BUILDING AND FENCING ②③



3  
D-2  
SOUTHWEST SIDE OF BUILDING ②③

DO NOT DISTURB EXISTING ELECTRICAL SERVICE AND PLATFORM



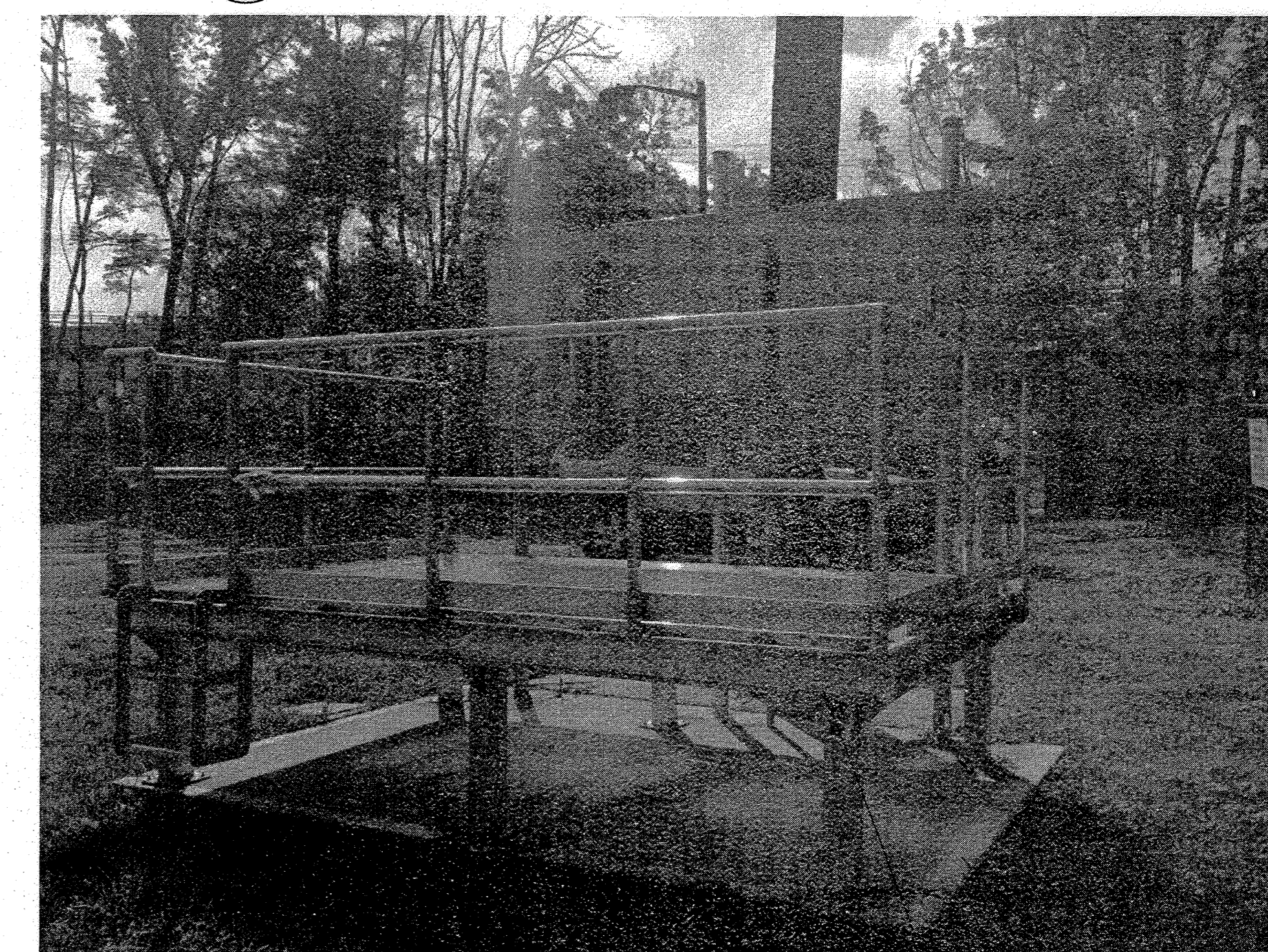
DEMOLISH 10' X 18' GENERATOR PAD

4  
D-2  
GENERATOR PAD ②

DEMOLISH EXTERNAL ELECTRICAL PANELS



5  
D-2  
ELECTRICAL FEEDERS AND FENCING ①②



6  
D-2  
EXTERIOR ELECTRICAL PANELS AND PLATFORM

DO NOT DISTURB EXISTING ELECTRICAL SERVICE AND PLATFORM

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 24228, EXPIRATION DATE: 6/1/2019.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*Jay DeChie*  
DIRECTOR OF PUBLIC WORKS DATE 2-3-18

*Thomas E. Suttler* 7/23/18  
CHIEF, BUREAU OF ENGINEERING DATE

*[Signature]* 7/18  
CHIEF, UTILITY DESIGN DIVISION DATE

**WRA**  
Whitman, Requardt & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



DES: MH			
DRN: MH			
CHK: RHM			
BY	NO.	REVISION	DATE

EXTERIOR DEMOLITION PHOTOS

600' SCALE MAP NO. 48 BLOCK NO. 19

**AS-BUILT MAY 2020** D-2

OLD NORTH LAUREL WWPS DECOMMISSIONING

CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047

6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE NONE

SHEET 5 OF 15



1  
D-3 INFLUENT MANHOLE NO. 49-1070



2  
D-3 DEMOLISH 6" BYPASS CONNECTION ②④

**GENERAL NOTES:**

1. SEE D-1 FOR GENERAL NOTES AND ABBREVIATIONS

**DEMOLITION NOTES:**

- ① CAP AND REMOVE ABANDONED EXPOSED ELECTRICAL FEEDERS TO 3 FEET BELOW GRADE.
- ② TERMINATE PIPING 3' BELOW GRADE AS PER NOTE 4 BELOW.
- ③ FILL THE REMAINDER OF THE WET WELL/ PUMP ROOM WITH LIGHT WEIGHT CONCRETE.
- ④ PERMANENTLY SEAL WITH MECHANICAL PLUG INSERTED A MINIMUM 12" INTO PIPELINE AND FILL REMAINING SPACE WITH NON-SHRINK GROUT.
- ⑤ DEMOLISH ABOVE GRADE STATION, FENCE, ELECTRICAL FEEDERS, SLABS, AND OTHER EQUIPMENT TO 3 FEET BELOW GRADE.
- ⑥ FILL THE REMAINDER OF THE WET WELL/ PUMP ROOM WITH FLOWABLE FILL.



3  
D-3 NORTHWEST SIDE OF BUILDING ⑤⑥

**AS-BUILT MAY 2020**

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 24228, EXPIRATION DATE: 6/17/2019.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*[Signature]* 2/21/18  
DIRECTOR OF PUBLIC WORKS DATE

*[Signature]* 7/21/18  
CHIEF, BUREAU OF ENGINEERING DATE

*[Signature]* 7/21/18  
CHIEF, UTILITY DESIGN DIVISION DATE

**WRA**  
Whitman, Requardt & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



DES: MH			
DRN: MH			
CHK: RHM			
BY	NO.	REVISION	DATE

EXTERIOR DEMOLITION PHOTOS

600' SCALE MAP NO. 48    BLOCK NO. 19

OLD NORTH LAUREL WWPS DECOMMISSIONING  
CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047

6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

D-3

SCALE  
NONE

SHEET  
6 OF 15

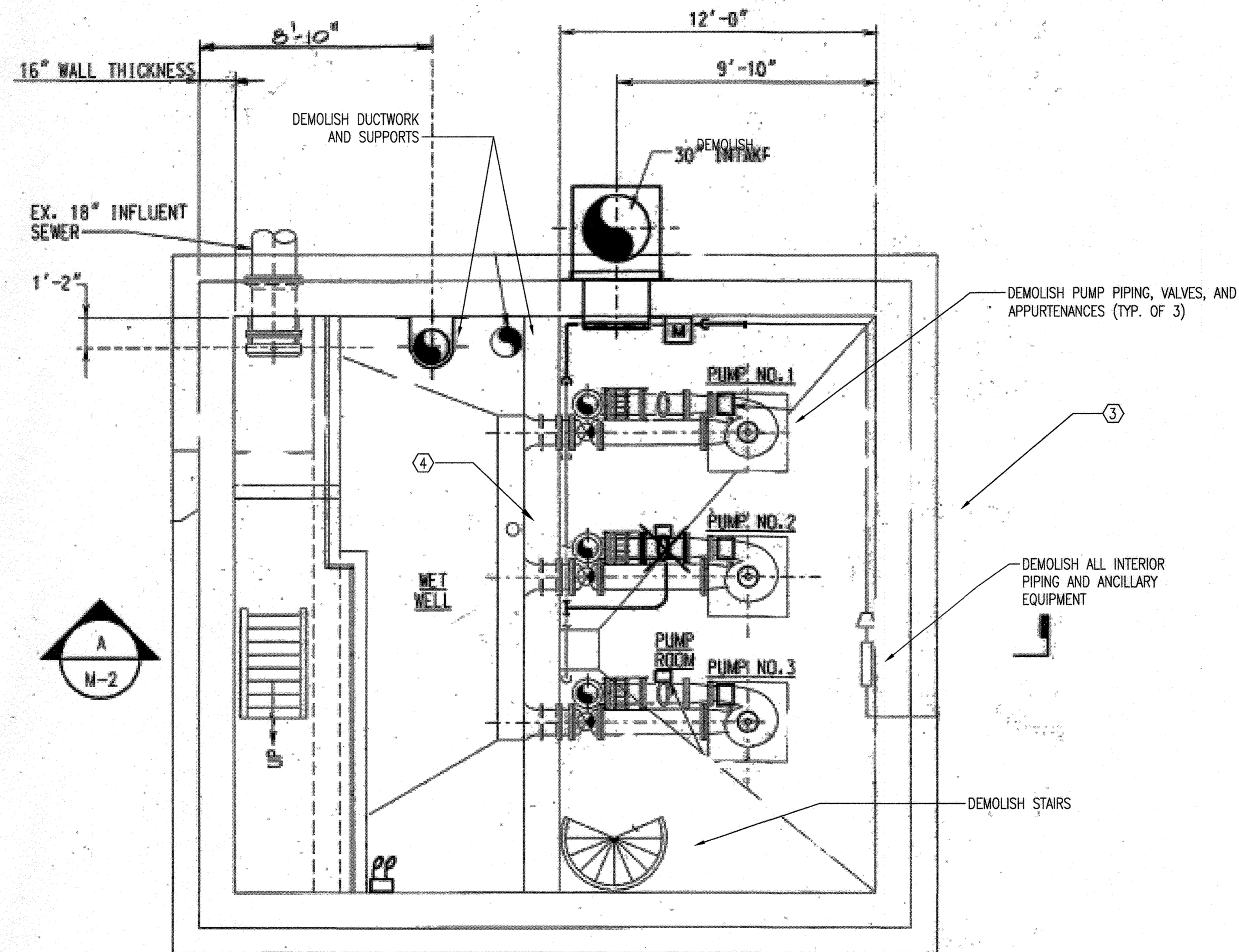
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**GENERAL NOTES:**

1. SEE D-1 FOR GENERAL NOTES AND ABBREVIATIONS

**DEMOLITION NOTES**

- ① DEMOLISH ABOVE GRADE MASONRY BRICK BUILDING IN ITS ENTIRETY: WALLS, ROOF, WINDOWS, DOORS, EQUIPMENT, ETC. WITHOUT DAMAGING TO THE BELOW GRADE STRUCTURE.
- ② DEMOLISH OPERATING LEVEL CONCRETE SLAB AND REMOVE IN ITS ENTIRETY. TEMPORARILY SUPPORT WALLS FROM LATERAL EARTH PRESSURE LOADS.
- ③ DEMOLISH ALL EXTERIOR CONCRETE WALLS FROM TOP OF EXISTING SLAB TO 3' BELOW FINISHED GRADE. FILL THE REMAINDER OF THE WET WELL/PUMP ROOM W/ FLOWABLE FILL.
- ④ DEMOLISH ALL INTERIOR CONCRETE WALLS FROM TOP OF EXISTING SLAB TO 3' BELOW FINISHED GRADE.



**LOWER LEVEL PLAN**

SCALE: NONE

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 24228, EXPIRATION DATE: 6/17/2014.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

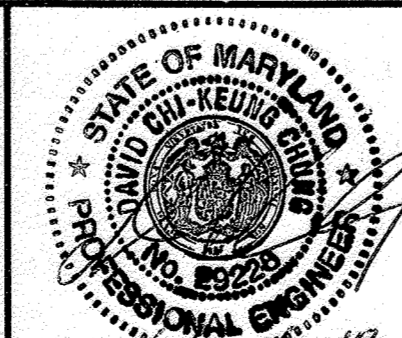
*Jan 20 2018*  
DIRECTOR OF PUBLIC WORKS DATE

*Thomas P. Butler 7/23/18*  
CHIEF, BUREAU OF ENGINEERING DATE

*2-3-18*  
CHIEF, BUREAU OF UTILITIES DATE

*[Signature]*  
CHIEF, UTILITY DESIGN DIVISION DATE

**WRA**  
Whitman, Requardt & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



DES: MH			
DRN: MH			
CHK: RHM			
BY	NO.	REVISION	DATE

LOWER LEVEL DEMOLITION PLANS

600' SCALE MAP NO. 48    BLOCK NO. 19

**AS-BUILT MAY 2020**

OLD NORTH LAUREL WWPS DECOMMISSIONING  
CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

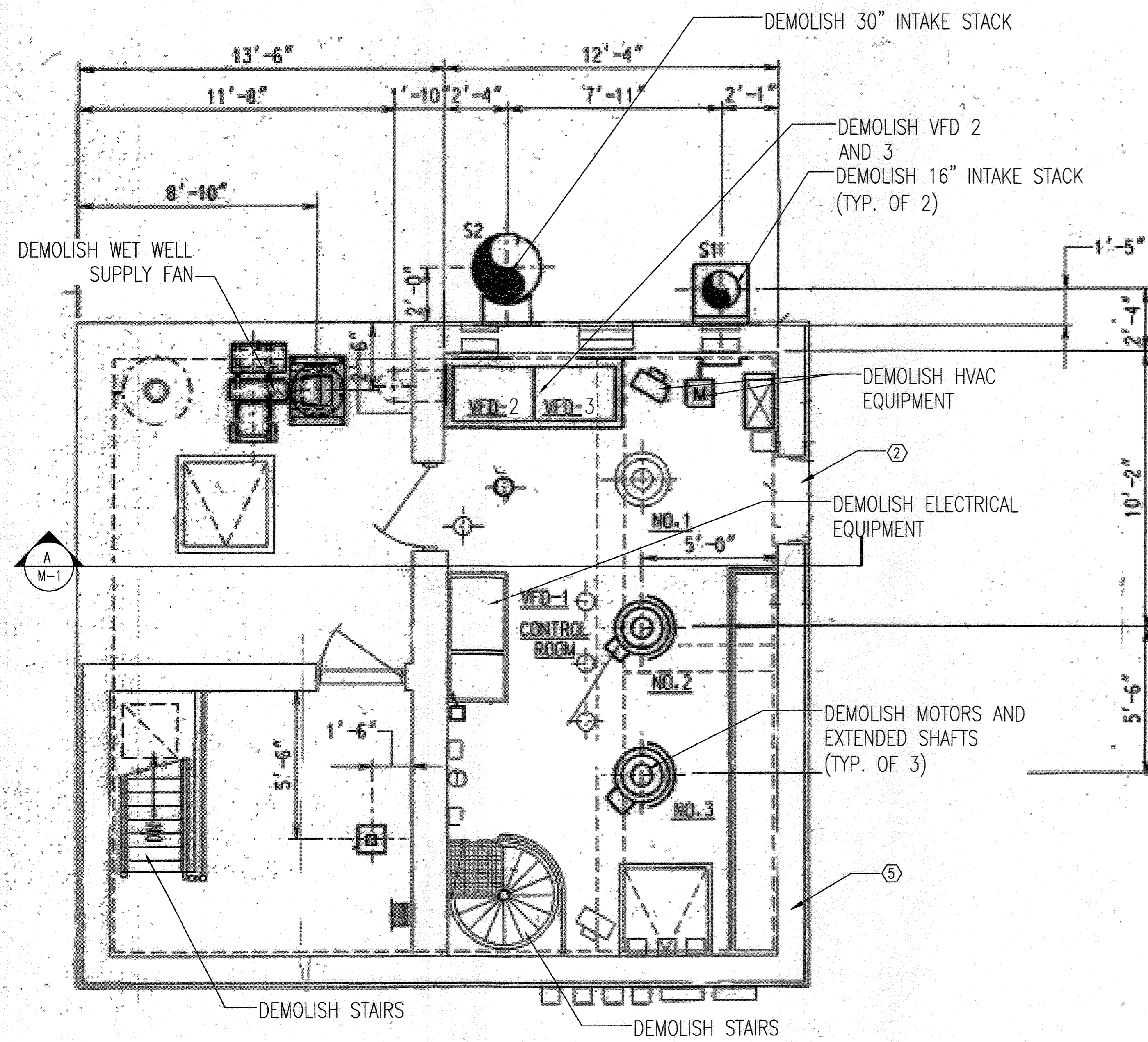
D-4  
SCALE NONE  
SHEET 7 OF 15

**GENERAL NOTES:**

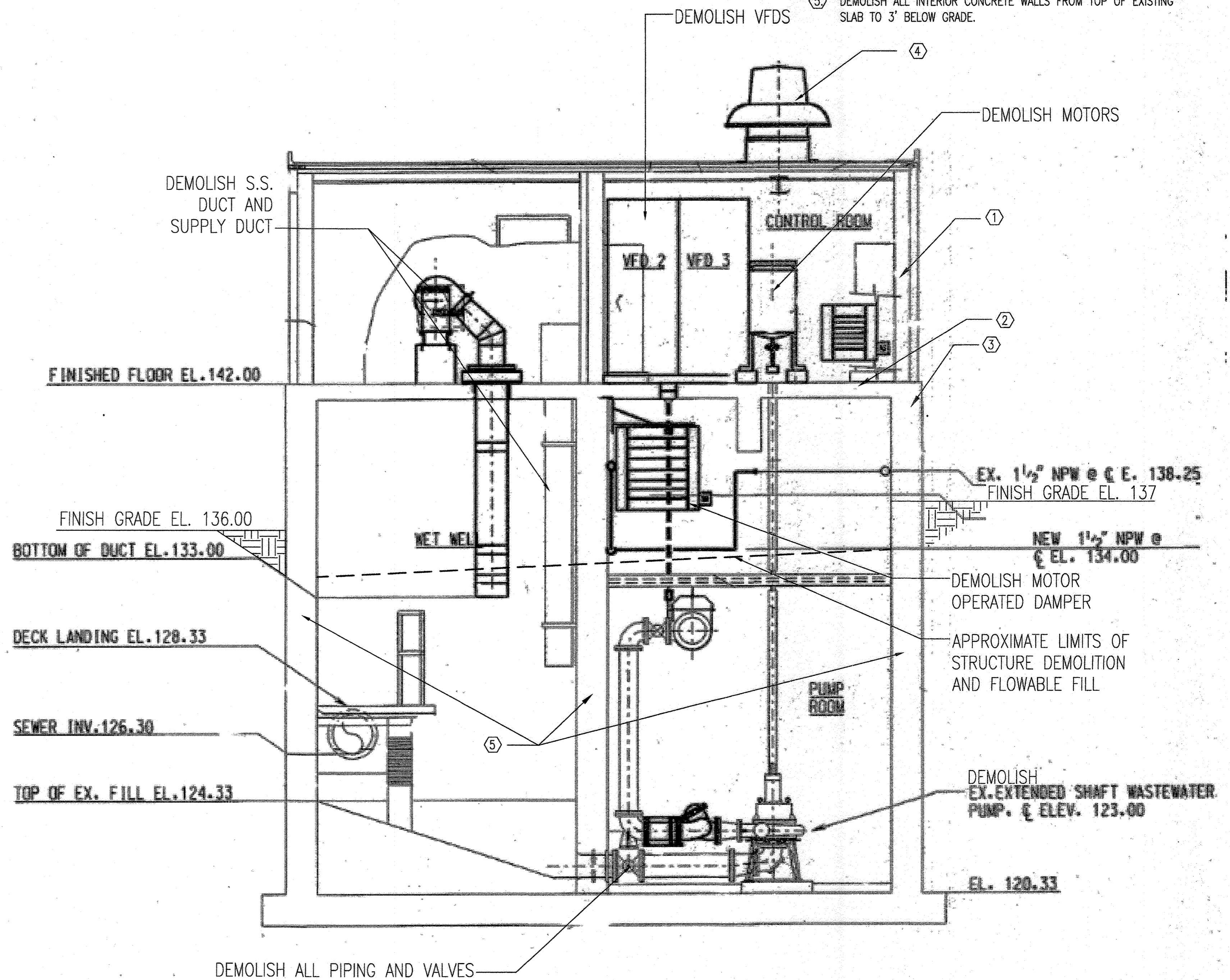
1. SEE D-1 FOR GENERAL NOTES AND ABBREVIATIONS

**DEMOLITION NOTES**

- ① DEMOLISH ABOVE GRADE MASONRY BRICK BUILDING IN ITS ENTIRETY: WALLS, ROOF, WINDOWS, DOORS, EQUIPMENT, ETC.
- ② DEMOLISH OPERATING LEVEL CONCRETE SLAB AND DEMOLISH IN ITS ENTIRETY. TEMPORARILY SUPPORT WALLS FROM LATERAL EARTH PRESSURE LOADS.
- ③ DEMOLISH ALL EXTERIOR CONCRETE WALLS FROM TOP OF EXISTING SLAB TO 3' BELOW GRADE. FILL THE REMAINDER OF THE WET WELL/ PUMP ROOM W/ FLOWABLE FILL.
- ④ ROOF MOUNTED EXHAUST FAN SHALL BE SALVAGED AND TURNED OVER TO THE OWNER.
- ⑤ DEMOLISH ALL INTERIOR CONCRETE WALLS FROM TOP OF EXISTING SLAB TO 3' BELOW GRADE.



**GRADE LEVEL PLAN**  
SCALE: NONE



**A SECTION**  
M-1 SCALE: NONE

**AS-BUILT MAY 2020**

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 29228, EXPIRATION DATE: 6/17/2019.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
 Director: *Blake* 8/16/18  
 Chief, Bureau of Engineering: *Deanna E. Sullivan* 7/27/18  
 Chief, Bureau of Utilities: *Joshua* 2-20-19  
 Chief, Utility Design Division: *John* 7/27/18

**WRA**  
Whitman, Requardt & Associates, LLP  
801 South Caroline Street, Baltimore, Maryland 21231



DES: MH				
DRN: MH				
CHK: RHM				
BY	NO.	REVISION	DATE	

GRADE LEVEL WWPS DEMOLITION PLANS AND SECTIONS  
600' SCALE MAP NO. 48 BLOCK NO. 19

OLD NORTH LAUREL WWPS DECOMMISSIONING  
CAPITAL PROJECT NO. W8600  
CONTRACT NO. 20-5047  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

D-5  
SCALE NONE  
SHEET 8 OF 15