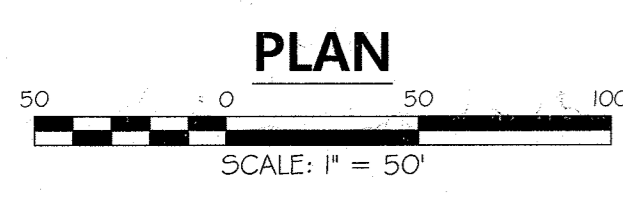
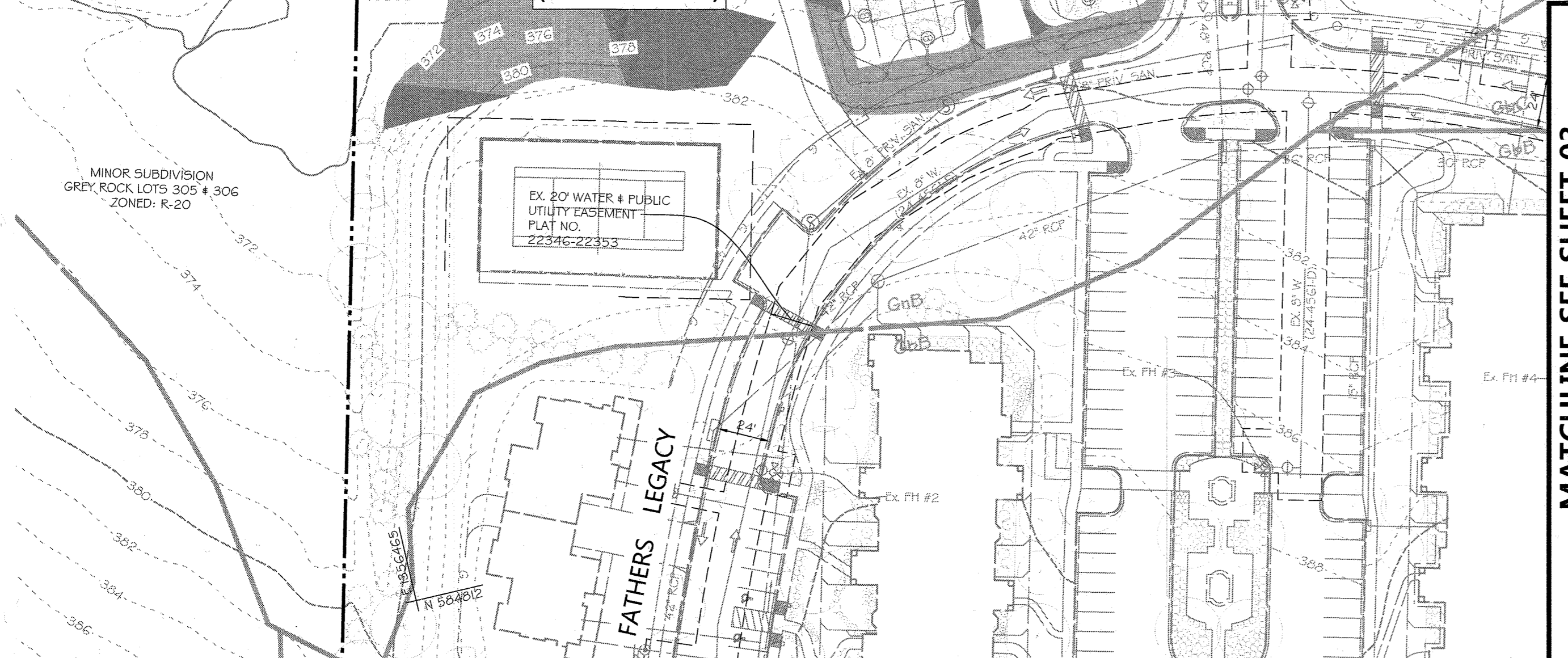


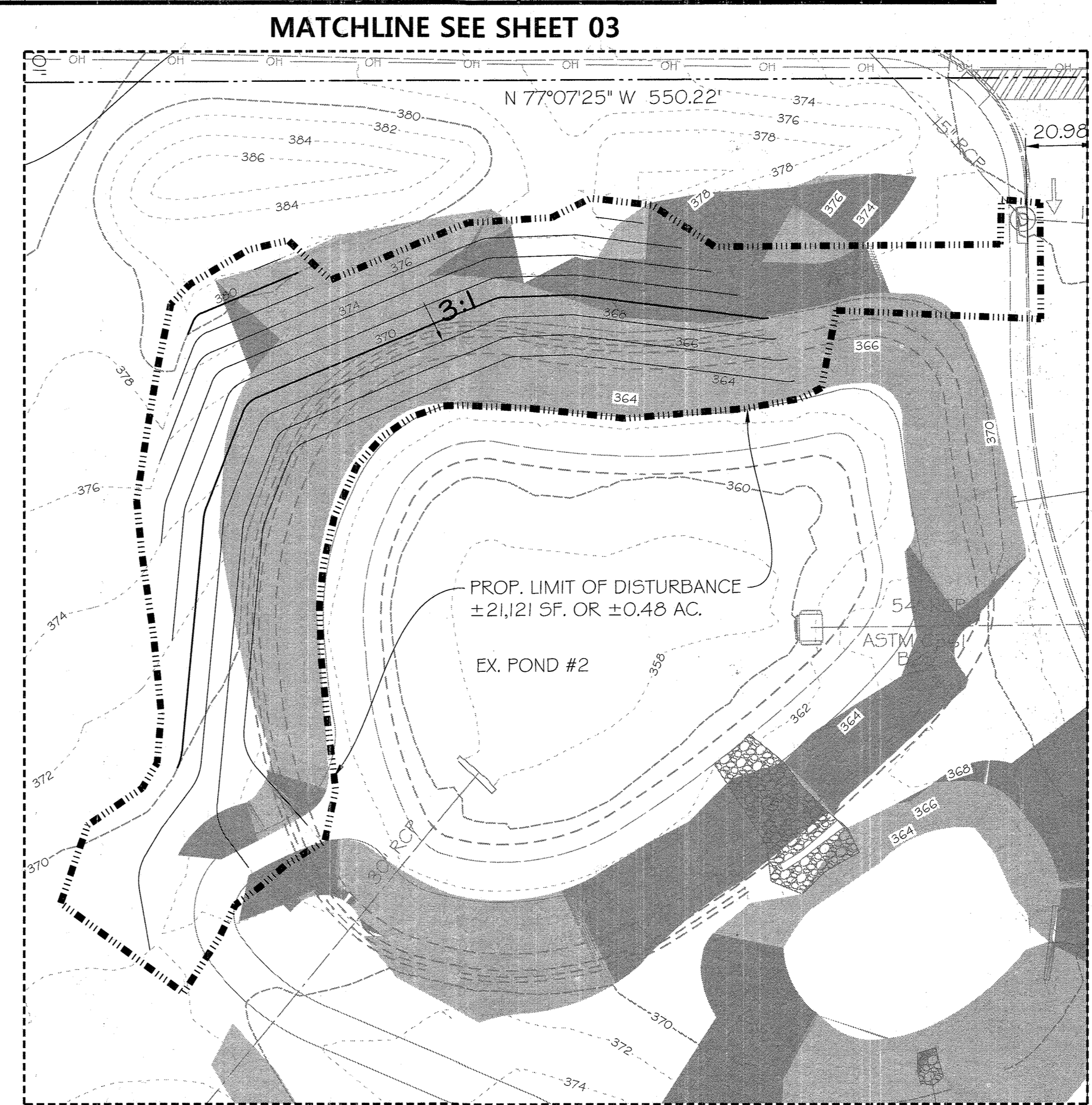
LEGEND

- PROPERTY BOUNDARY
- ADJACENT LOT LINE
- RIGHT OF WAY
- 95F SUPER SILT FENCE
- EX. BUILDING
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. BUILDING
- EX. TREELINE
- FCE FOREST CONSERVATION
- STREAM CENTERLINE
- STREAM EDGE
- STREAM BUFFER
- FLOODPLAIN
- FLOODPLAIN BUFFER
- LIMIT OF DISTURBANCE
- EX. WETLAND
- EROSION CONTROL
- SLOPE MATTING
- EX. WATER & PUBLIC UTILITY EASEMENT
- EX. TREE
- SOILS
- EX. FOREST CONSERVATION EASEMENT
- EX. 15' ENVIRONMENTAL SETBACK
- EX. 50' STRUCTURE & USE SETBACK FROM ARTERIAL ROW
- EX. 50' LANDSCAPE BUFFER
- SLOPES 15% - 25%
- SLOPES 25% & UP
- STABILIZED CONSTRUCTION ENTRANCE

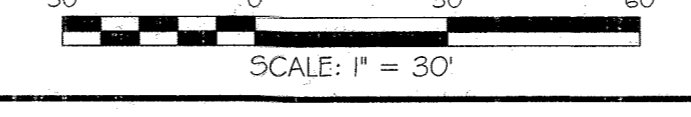


MATCHLINE SEE SHEET 03

MATCHLINE SEE SHEET 03

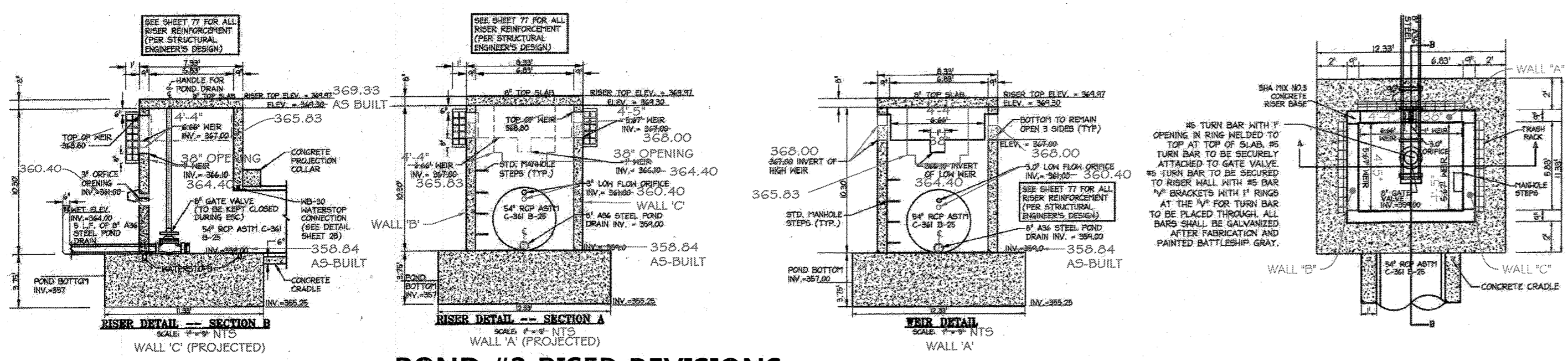


INSET A GRADING REVISIONS



RISER OPENINGS

| DISCHARGE OPENING | ELEVATION | WALL LOCATION |
|--------------------|-----------|---------------|
| 3" ORIFICE OPENING | 360.40 | WALL A |
| 36" X 17.16" (PI) | 364.40 | WALL A |
| 4" - 4" WEIR | 365.83 | WALL A |
| 4" - 5" WEIR | 368.00 | WALL B |
| 4" - 5" WEIR | 368.00 | WALL C |



POND #2 RISER REVISIONS

APPROVED: DEPARTMENT OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION *[Signature]* 6/10/21 DATE

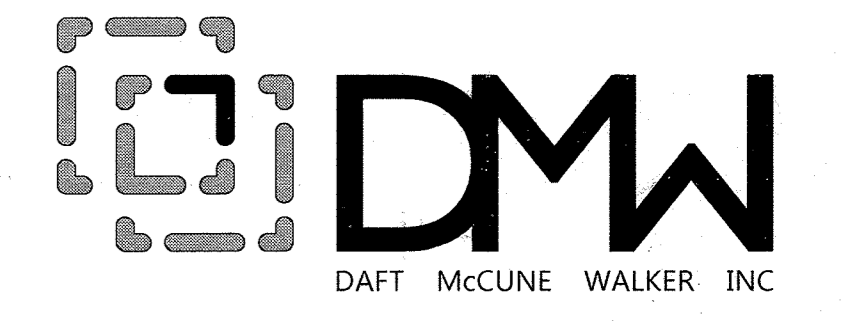
CHIEF, DIVISION OF LAND DEVELOPMENT *[Signature]* 7/23/21 DATE

DATE BY REVISIONS

LUTHERAN VILLAGE AT MILLER'S GRANT

9000 FATHERS LEGACY
ELLCOTT CITY, MD 21042
ELECTION DISTRICT 02, C1

OWNER / DEVELOPER:
LUTHERAN VILLAGE AT MILLER'S GRANT
C/O CARROLL LUTHERAN VILLAGE
CONTACT: ROY CHIAVACCI
300 ST LUKE CIRCLE
WESTMINSTER MD 21158
(410)-848-0090



501 FAIRMOUNT AVENUE SUITE 300 TOWSON, MD 21286
P: 410 296 3333 F: 410 296 4705 WWW.DMW.COM

SUBDIVISION NAME: LUTHERAN VILLAGE AT MILLER'S GRANT SECTION/AREA: LOT 10/ PARCEL # 1001

PLAT # OR L/F: 10578 / 00424 ELEC. DIST: 102 TAX ZONE/MAP/GRID: MAF 24 / GRID 9 ZONE: P3C CENSUS TRACT: 602200

WATER CODE: 550 (TG 700) SEWER CODE: F07 STAGE:

SITE PLAN POND 2 REVISION

DESIGNED: GDT, MCM SCALE: AS SHOWN PROJECT NO: 19028.00

DRAWN: AMT, AL DATE: 12/23/2020

CHECKED BY: MCB APPROVED: [Signature] 2 of 5

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. 26569, EXPIRATION DATE: 07/29/21.

04/14/2021 DATE

PROFESSIONAL ENGR. NO. 26569

A:\2020\19028\19028\FIELD\19028_RL_ECP_02.DWG 14 AUGUST 10 56 AM A:\2020\19028\19028\FIELD\19028_RL_ECP_02.DWG 14 AUGUST 10 56 AM

LEGEND

- PROPERTY BOUNDARY
- ADJACENT LOT LINE
- SUPER SILT FENCE
- 9SF SUPER SILT FENCE
- 9FOP SUPER SILT FENCE
- EX. BUILDING
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- EX. PROP. MAJOR CONTOUR
- EX. PROP. MINOR CONTOUR
- EX. PROP. BUILDING
- EX. TREELINE
- FOREST CONSERVATION EASEMENT
- STREAM CENTERLINE
- STREAM EDGE
- STREAM BUFFER
- FLOODPLAIN
- FLOODPLAIN BUFFER
- LIMIT OF DISTURBANCE
- EX. WETLAND
- EX. WATER & PUBLIC UTILITY EASEMENT
- EX. TREE
- SOILS
- EX. FOREST CONSERVATION EASEMENT
- EX. 15' ENVIRONMENTAL SETBACK
- EX. 50' STRUCTURE & USE SETBACK FROM ARTERIAL ROW
- EX. 50' LANDSCAPE BUFFER
- EX. 50' LANDSCAPE BUFFER
- SLOPES 15% - 25%
- SLOPES 25% & UP
- PROP. CURB
- EX. CURB
- AGIP PROP. AT GRAD INLET PROTECTION
- CIP PROP. CURB INLET PROTECTION

PLAN

SCALE: 1" = 50'



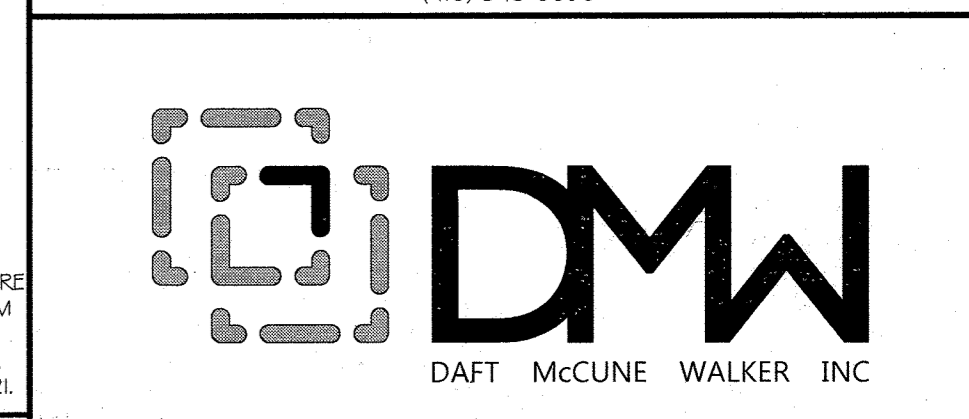
APPROVED: DEPARTMENT OF PLANNING & ZONING

| | | |
|---|---------|-----------|
| CHIEF, DEVELOPMENT ENGINEERING DIVISION | 6/10/21 | DATE |
| CHIEF, DIVISION OF LAND DEVELOPMENT | 4/23/21 | DATE |
| DATE | BY | REVISIONS |

LUTHERAN VILLAGE AT MILLER'S GRANT

9000 FATHERS LEGACY
 ELLICOTT CITY, MD 21042
 ELECTION DISTRICT 02, C1

OWNER / DEVELOPER:
 LUTHERAN VILLAGE AT MILLER'S GRANT
 C/O CARROLL LUTHERAN VILLAGE
 CONTACT: ROY CHIAVACCI
 300 ST LUKE CIRCLE
 WESTMINSTER MD 21156
 (410)-848-0090



| | |
|--|---------------|
| 501 FAIRMOUNT AVENUE SUITE 300 TOWSON, MD 21286 | LOT/PARCEL #: |
| P: 410 296 3333 F: 410 296 4705 WWW.DMW.COM | LOT/PARCEL #: |
| SUBDIVISION NAME: LUTHERAN VILLAGE AT MILLER'S GRANT | SECTION/AREA: |
| PLAT # OR L.P. # OR L.P. # OR L.P. # | ELEC. DIST.: |
| TAX ZONE/MAP/GRID: | ZONE: |
| MAP #4 / GRID 9 | PSC: |
| CENSUS TRACT: | STAGE: |
| 300 ST LUKE CIRCLE | 602900 |
| WATER CODE: | SEWER CODE: |
| 550 (TG 700) | F07 |

SITE PLAN

| | | |
|--------------------|------------------|----------------------|
| DESIGNED: GDT, MCM | SCALE: 1" = 50' | PROJECT NO: 19028.B0 |
| DRAWN: AMT, AL | DATE: 12/23/2020 | |
| CHECKED BY: MCB | APPROVED: | |

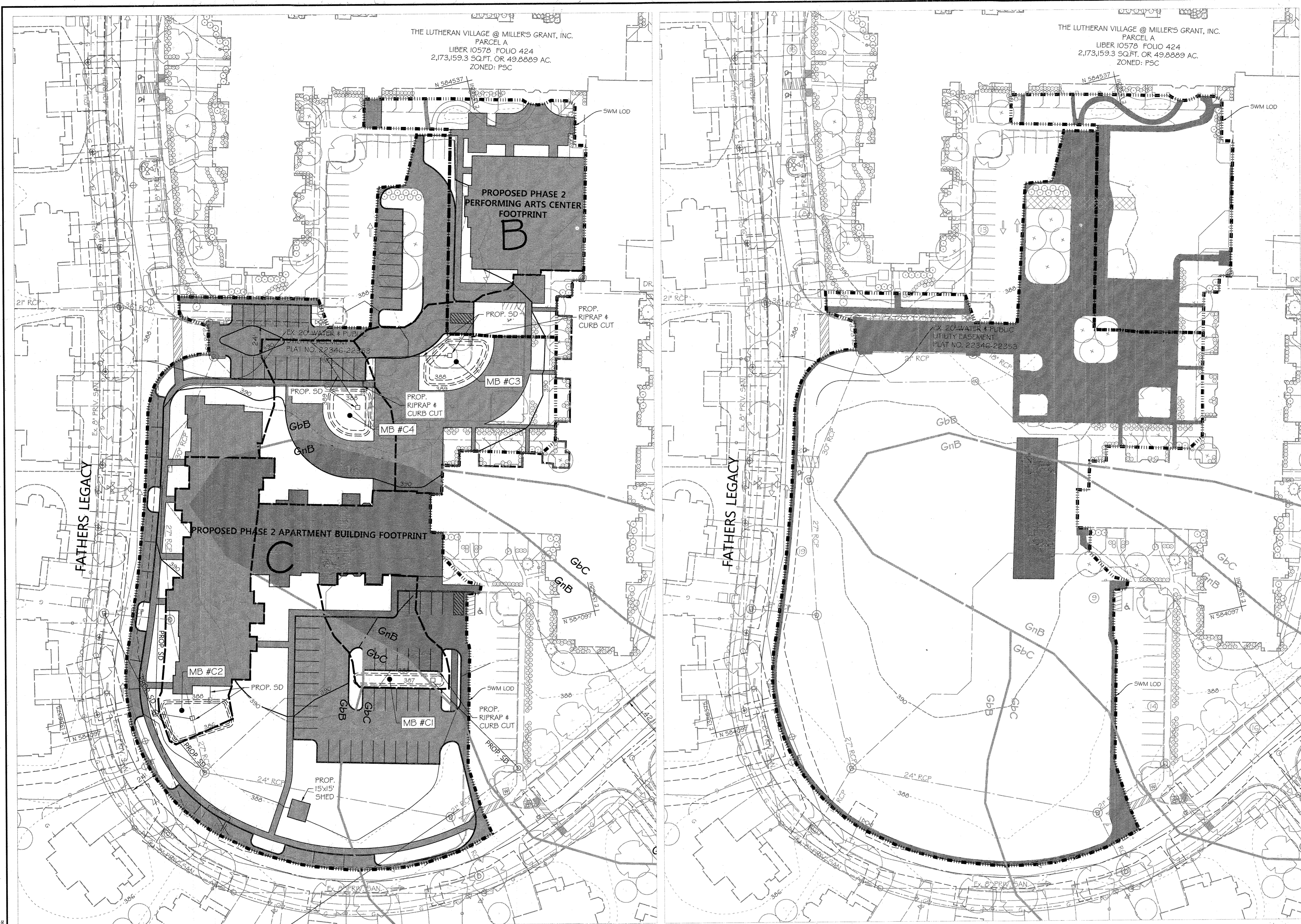
PROFESSIONAL CERTIFICATION

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. 26569, EXPIRATION DATE: 07/01/21.

04/14/2021 DATE

PROFESSIONAL ENGR. NO. 26569

A:\19028\19028.DWG 12/23/2020 10:55 AM



| | | |
|------------------------------|--------|------|
| LOD A (Health Care Center) = | 48,970 | s.f. |
| Impervious Area to Treat = | 27,001 | s.f. |
| New Development A ESDv = | 4,815 | c.f. |
| Approved SDP WQv = | 3,346 | c.f. |
| Remaining ESDv to Provide = | 1,469 | s.f. |

| | | |
|------------------------------------|--------|------|
| LOD B (Performing Arts Addition) = | 21,364 | s.f. |
| Impervious Area to Treat = | 14,618 | s.f. |
| New Development B ESDv = | 2,663 | c.f. |
| Approved SDP WQv = | 1,460 | c.f. |
| Remaining ESDv to Provide* = | 1,204 | s.f. |

*Note: Volume will be provided within facilities associated with LOD C.

| | | |
|------------------------------|---------|------|
| LOD C (Apartments) = | 125,099 | s.f. |
| Impervious Area to Treat = | 76,397 | s.f. |
| New Development C ESDv = | 12,010 | c.f. |
| Approved SDP WQv = | 8,548 | c.f. |
| Remaining ESDv to Provide* = | 3,461 | s.f. |

| | | |
|--|---------|------|
| Total Target ESDv Remaining to Provide = | 6,134 | c.f. |
| Total Impervious Area to Treat = | 118,016 | s.f. |
| Total Study LOD = | 195,433 | s.f. |

| Unified Stormwater Sizing Criteria | | |
|---|----------|----------|
| Sizing Criteria | Required | Provided |
| Environmental Site Design Volume (ESDv) (cf) | 6,134 | 6,341 |
| Channel Protection Storage Volume (Cp _v)* | NA | NA |
| Recharge Volume (Re _v) (cf) | NA | NA |
| Overbank Flood Protection Volume (O _v) | NA | NA |
| Extreme Flood Volume (Q) | NA | NA |

*Channel protection obligations are met when ESD practices are designed according to the Reduced Runoff Curve Number Method.
 Cp_v is Addressed (RCN = Woods in Good Condition)
 * MD SWM Manual - Volume 1 - Chapter 5 - Section 5.2.1 (Page 5.17 Supp. 1)
 MD SWM Manual - Volume 1 - Chapter 5 - Section 5.2.4 Table 5.3 (Pages 5.21 and 5.22 Supp. 1)

LEGEND

- FACILITIES DRAINAGE AREAS
- PROPERTY BOUNDARY
- ADJACENT LOT LINE
- RIGHT OF WAY
- SUPER SILT FENCE
- EX. BUILDING
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. BUILDING
- EX. TREE LINE
- FOREST CONSERVATION
- STREAM CENTERLINE
- STREAM EDGE
- STREAM BUFFER
- FLOODPLAIN
- FLOODPLAIN BUFFER
- SOILS
- SWM LIMIT OF DISTURBANCE
- PROPOSED IMPERVIOUS B SOILS
- PROPOSED IMPERVIOUS C SOILS
- PROP. CURB
- EX. CURB

APPROVED: DEPARTMENT OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION *[Signature]* 6-10-21 DATE

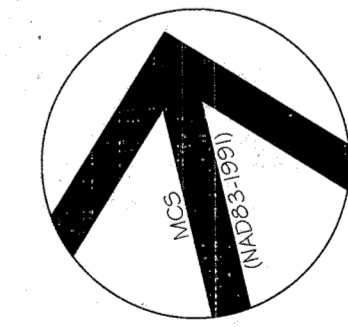
CHIEF, DIVISION OF LAND DEVELOPMENT *[Signature]* 7/23/21 DATE

DATE BY REVISIONS

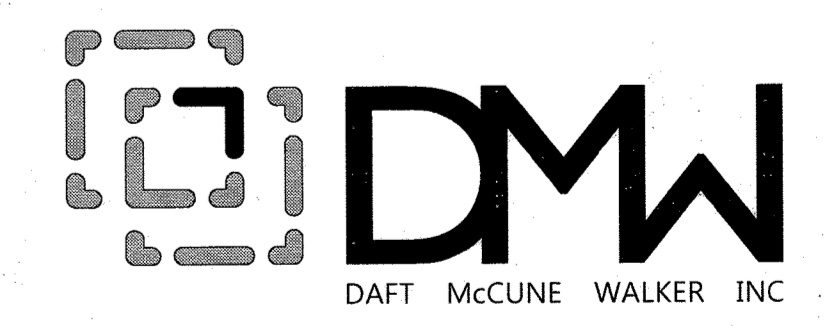
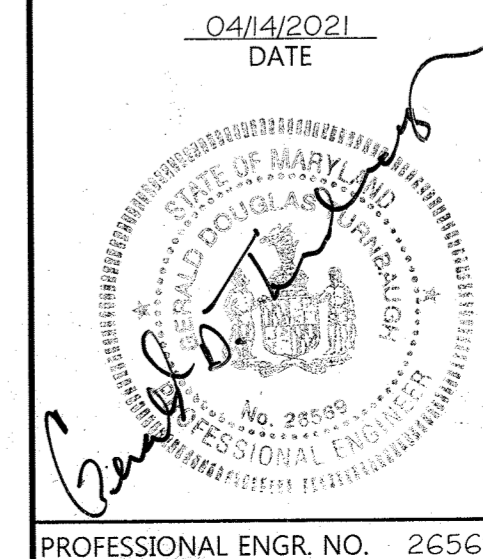
LUTHERAN VILLAGE AT MILLER'S GRANT

9000 FATHERS LEGACY
 ELLICOTT CITY, MD 21042
 ELECTION DISTRICT 02, C1

OWNER / DEVELOPER:
 LUTHERAN VILLAGE AT MILLER'S GRANT
 C/O CARROLL LUTHERAN VILLAGE
 CONTACT: ROY CHIRAVACCI
 300 ST. LUKE CIRCLE
 WESTMINSTER, MD 21158
 (410)-848-0090



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. 26569, EXPIRATION DATE: 07/18/21.



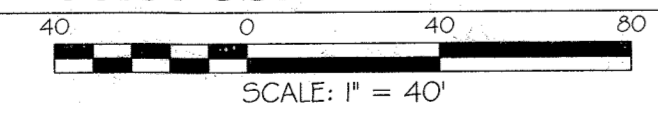
501 FAIRMOUNT AVENUE SUITE 300 TOWSON, MD 21286
 P: 410 296 3333 F: 410 296 4705 WWW.DMW.COM

| | | |
|--|-----------------|-----------------------------|
| SUBDIVISION NAME: LUTHERAN VILLAGE AT MILLER'S GRANT | SECTION/AREA: | LOT/PARCEL #: 1001 |
| PLAT # OR L.P. # 10278 / 00424 | ELEC. DIST: 02 | TAX ZONE/MAP/GRID: ZONE P5C |
| WATER CODE: 550 (IG 700) | SEWER CODE: 707 | CENSUS TRACT: 6022800 |

DRAINAGE AREAS, NOTES & DETAILS

| | | |
|--------------------|------------------------------|----------------------|
| DESIGNED: GDT, MCM | SCALE: A5 SHOWN | PROJECT NO: 19028.00 |
| DRAWN: AMT, AL | DATE: 12/23/2020 | |
| CHECKED BY: MCB | APPROVED: <i>[Signature]</i> | |

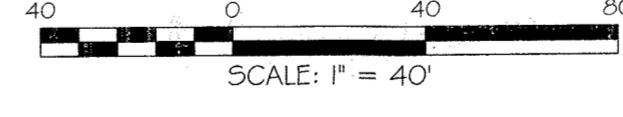
LOD "B & C" - PROPOSED IMPERVIOUS CONDITION



| SOILS | | | | |
|-----------------|---|------------------|--------------|--|
| MAP UNIT SYMBOL | MAP UNIT NAME | HYDROLOGIC GROUP | K VALUE (Kw) | |
| Co | Cadorus & Hattboro silt loams 0 to 3 % slopes | C | 0.37 | |
| GbB | Gladstone loam 3 to 8 % slopes | B* | 0.28 | |
| GbC | Gladstone loam 8 to 15 % slopes | B* | 0.28 | |
| GIB | Gladstone-Urban land complex 0 to 8 % slopes | B* | 0.28 | |
| GIC | Gladstone-Urban land complex 8 to 15 % slopes | D | | |
| GnB | Glenville-Balle silt loams 0 to 8 % slopes | C | 0.43 | |
| MaD | Manor loam 15 to 25 % slopes | B | 0.28 | |
| UuB | Urban land-Udortheims complex 0 to 8 percent slopes | D | 0.37 | |

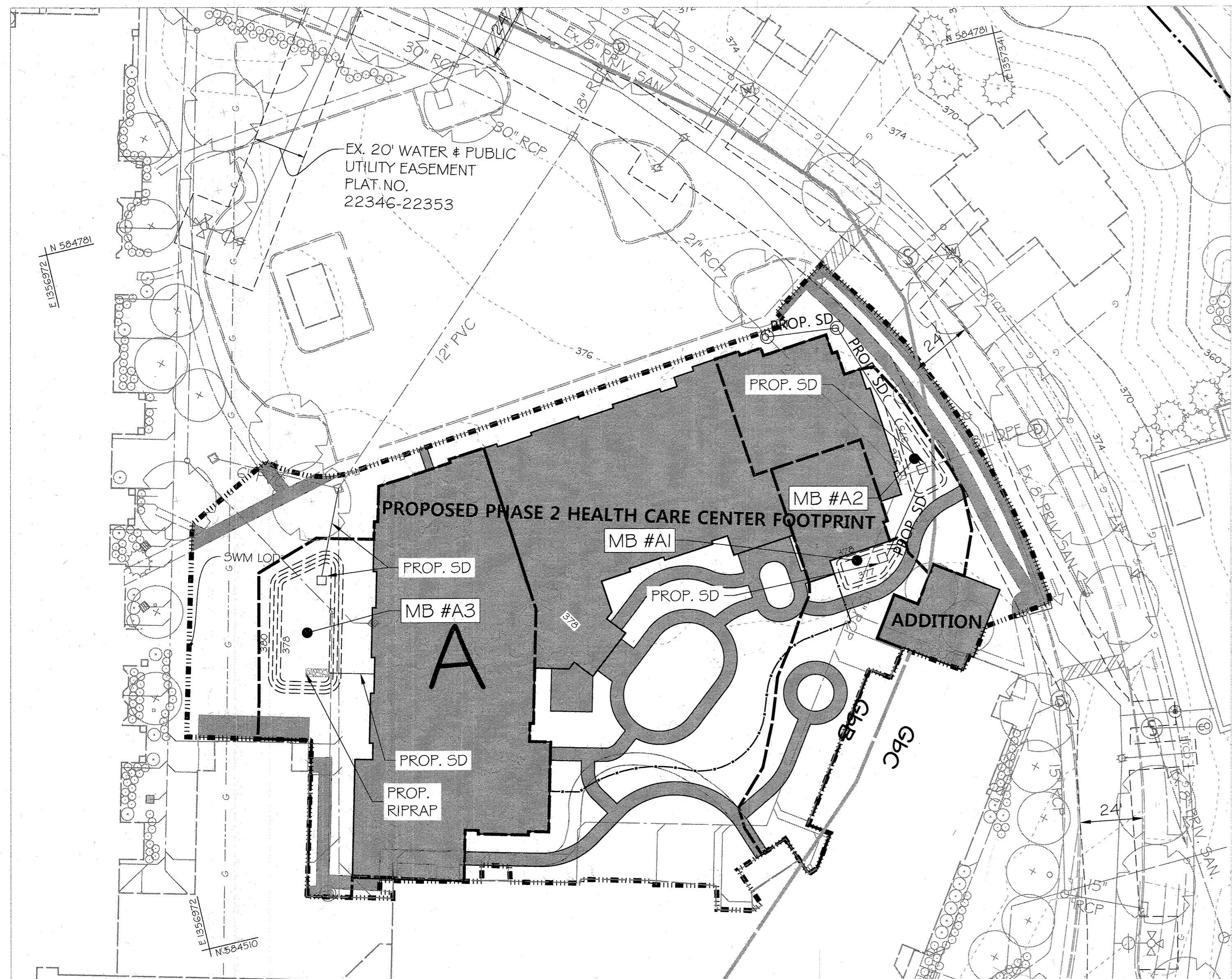
NOTE:
 * HYDROLOGIC SOIL GROUP BASED ON WEB SOIL SURVEY ACCESSED 11/02/2007 PER APPROVED HYDROLOGY.

LOD "B & C" - EXISTING IMPERVIOUS CONDITION

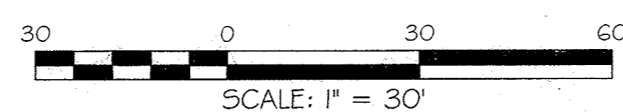


| FACILITY NAME & NUMBER | PRACTICE TYPE | PUBLIC | PRIVATE | MISC. |
|------------------------|---------------|--------|---------|-------|
| MB #C1 | MICRO-BIO | N/A | YES | |
| MB #C2 | MICRO-BIO | N/A | YES | |
| MB #C3 | MICRO-BIO | N/A | YES | |
| MB #C4 | MICRO-BIO | N/A | YES | |

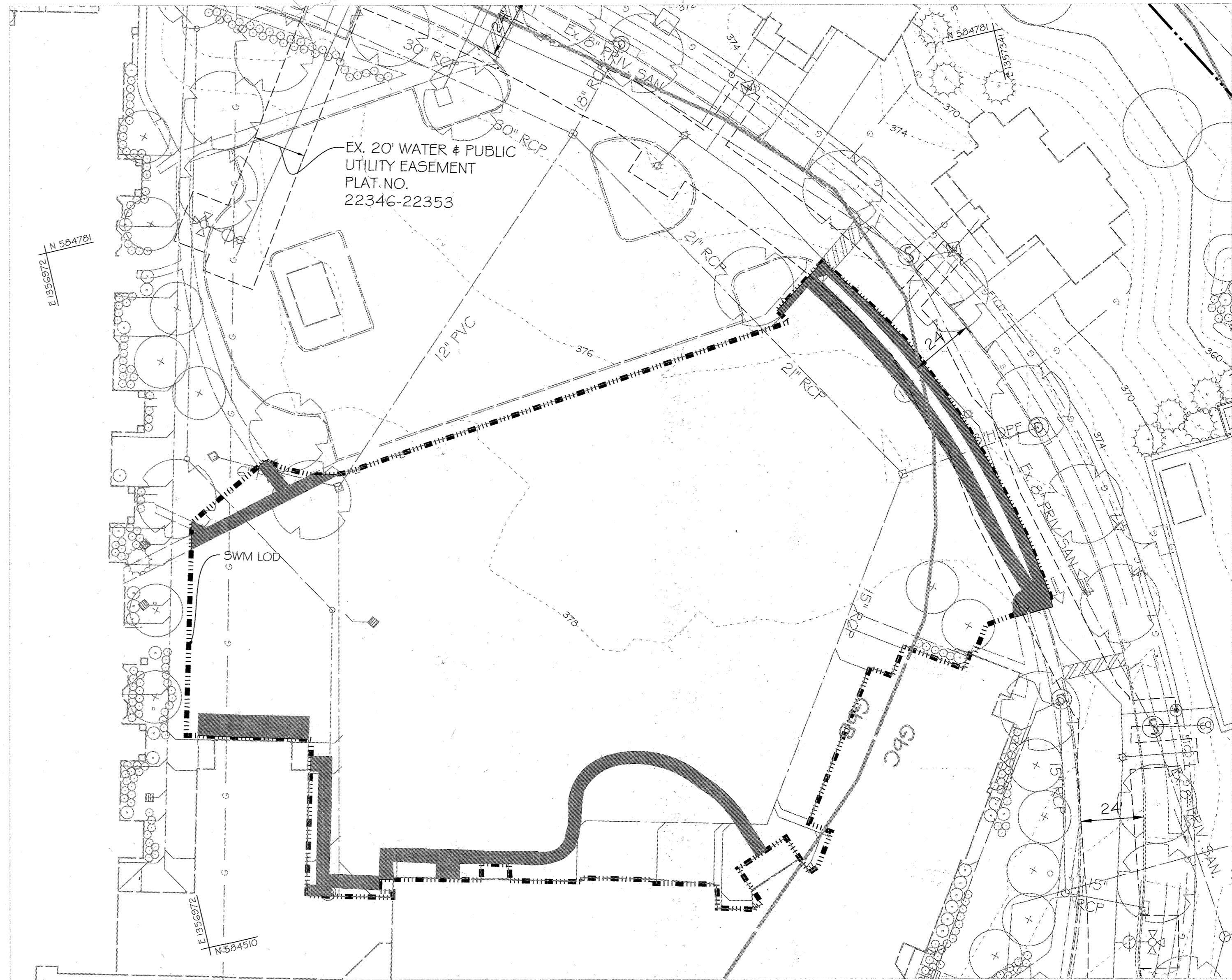
A:\19028\19028.DWG (REVISED) FILED 10/23/2021 10:58 AM W:\DWG



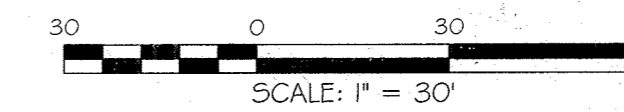
LOD "A" - PROPOSED IMPERVIOUS CONDITION



| FACILITY NAME & NUMBER | PRACTICE TYPE | PUBLIC | PRIVATE | MISC. |
|------------------------|---------------|--------|---------|-------|
| MB #A1 | MICRO-BIO | N/A | YES | |
| MB #A2 | MICRO-BIO | N/A | YES | |
| MB #A3 | MICRO-BIO | N/A | YES | |



LOD "A" - EXISTING IMPERVIOUS CONDITION



LEGEND

- PROPERTY BOUNDARY
- ADJACENT LOT LINE
- RIGHT OF WAY
- SSP SUPER SILT FENCE
- EX. BUILDING
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. BUILDING
- EX. TREELINE
- FCR FOREST CONSERVATION
- STREAM CENTERLINE
- STREAM EDGE
- STREAM BUFFER
- FLOODPLAIN
- FLOODPLAIN BUFFER
- B&B SOILS
- LUB
- SWM LIMIT OF DISTURBANCE
- IMPERVIOUS
- FACILITIES DRAINAGE AREAS



PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 26569, EXPIRATION DATE: 07/18/21.

04/14/2021
DATE

PROFESSIONAL ENGR. NO. 26569

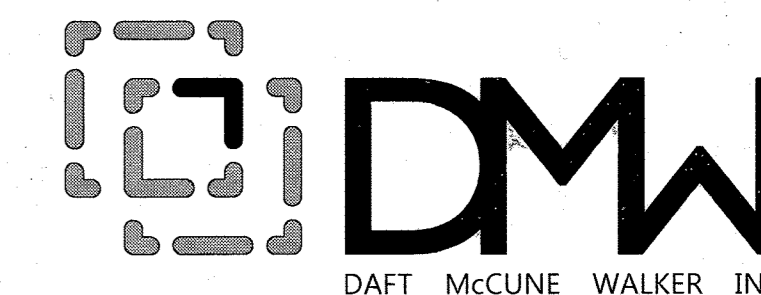
APPROVED: DEPARTMENT OF PLANNING & ZONING
 [Signature] 6/10/21
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
 [Signature] 7/15/21
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

| DATE | BY | REVISIONS |
|------|----|-----------|
| | | |

LUTHERAN VILLAGE AT MILLER'S GRANT

9000 FATHERS LEGACY
 ELLICOTT CITY, MD 21042
 ELECTION DISTRICT 02, C1

OWNER / DEVELOPER
 LUTHERAN VILLAGE AT MILLER'S GRANT
 C/O CARROLL LUTHERAN VILLAGE
 CONTACT: ROY CHIAVACCI
 300 ST LUKE CIRCLE
 WESTMINSTER, MD 21158
 (410)-848-0090



501 FAIRMOUNT AVENUE SUITE 300 TOWSON, MD 21286
 P: 410 296 3333 F: 410 296 4705 WWW.DMW.COM

| SUBDIVISION NAME | SECTION/AREA | LOT/PARCEL # |
|------------------------------------|--------------|-------------------|
| LUTHERAN VILLAGE AT MILLER'S GRANT | | |
| PLAT # OR L.P. | ELEC. DIST. | TAX ZONE/MAP/GRID |
| 0578 / 00424 | 02 | MAP 24 / GRID 9 |
| WATER CODE | SEWER CODE | CENSUS TRACT |
| 250 (IG 700) | P02 | 602800 |
| | | STAGE |

TITLE:
DRAINAGE AREAS, NOTES & DETAILS

| | | |
|--------------------|------------------|----------------------|
| DESIGNED: GDT, MCM | SCALE: 1" = 30' | PROJECT NO: 18028.B0 |
| DRAWN: AMT, AL | DATE: 12/23/2020 | |
| CHECKED BY: MCB | APPROVED: | |