|  | AS BUILT REVISION | REVISIONS |             |      |    |  |  |  |
|--|-------------------|-----------|-------------|------|----|--|--|--|
|  |                   | NO.       | DESCRIPTION | DATE | BY |  |  |  |
|  | BY:               |           |             |      |    |  |  |  |
|  |                   |           |             |      |    |  |  |  |
|  | DATE:             |           |             |      |    |  |  |  |

# CITY OF BALTIMORE DEPARTMENT OF GENERAL SERVICES DEVELOPER'S AGREEMENT #1618

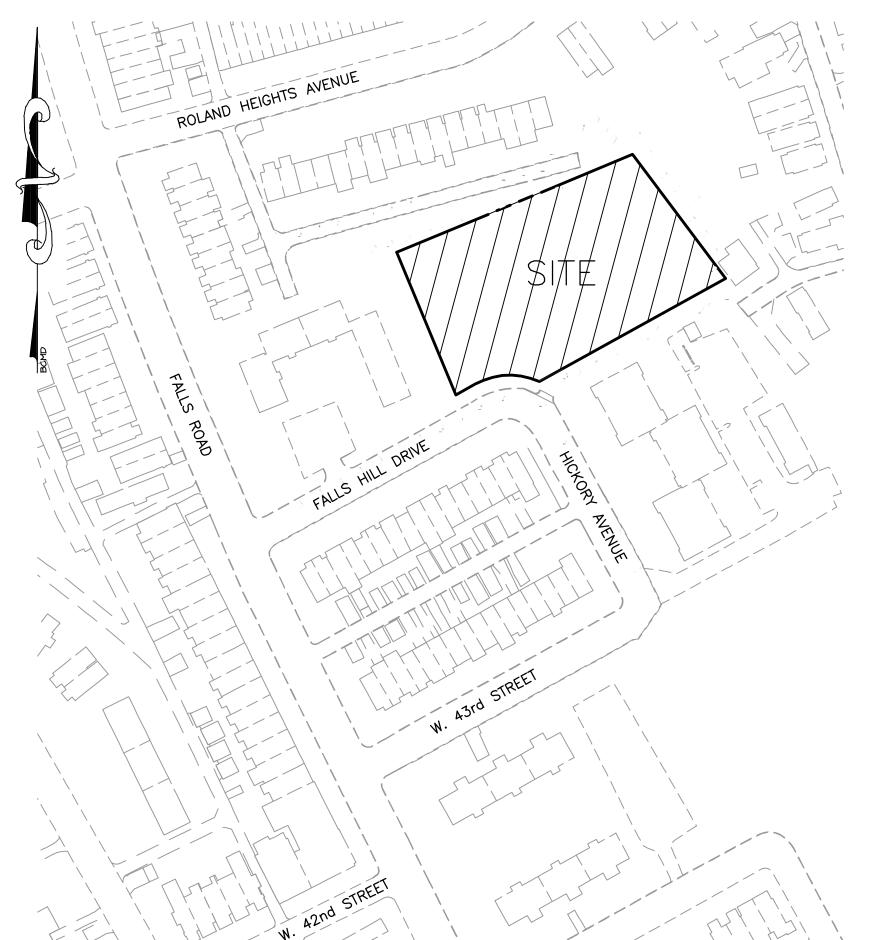


ROAD, STORM DRAIN, WATER, SANITARY & CONDUIT UTILITY CONSTRUCTIONS PLANS

FOR

1100 FALLS HILL DRIVE

BALTIMORE MD, 21211



| Sheet List Table |                       |  |  |  |  |  |  |  |  |
|------------------|-----------------------|--|--|--|--|--|--|--|--|
| Sheet Number     | Sheet Title           |  |  |  |  |  |  |  |  |
| 1                | COVER SHEET           |  |  |  |  |  |  |  |  |
| 2                | NOTES AND DETAILS     |  |  |  |  |  |  |  |  |
| 3                | PAVING PLAN           |  |  |  |  |  |  |  |  |
| 4                | WATER PLAN            |  |  |  |  |  |  |  |  |
| 5                | STORM DRAIN PLAN      |  |  |  |  |  |  |  |  |
| 6                | STORM DRAIN PROFILE   |  |  |  |  |  |  |  |  |
| 7                | STORM DRAIN EX DA MAP |  |  |  |  |  |  |  |  |
| 8                | STORM DRAIN PR DA MAP |  |  |  |  |  |  |  |  |
| 9                | SEWER PLAN            |  |  |  |  |  |  |  |  |
| 10               | CONDUIT PLAN          |  |  |  |  |  |  |  |  |

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. 50460 EXPIRATION DATE: 01-12-2021

DESIGN

| minimum.   | D. S.   |
|--|---------|
| NA PARILLE MARKET NA SEARCH NA SEARC | ENGINE  |
| Y SA A SA S  | DATE: _ |
| PROFILE SO 4 60 ENGINEERS SO 1 60 ENGINEERS  | DESIGNE |
| WAL ENGLIS   | DRAWN   |
| SFAL   | CHECKE  |

RELEASE

CITY REVIEW

D. S. THALER & ASSOC., LLC.

ENGINEER: KENNETH SNODGRASS

DATE: 1/4/19 LIC. NO. 50460

DESIGNED: KNK
DRAWN BY: KNK
CHECKED BY: BLC

LOT

BRIDGES

WARD: 13

SECTION: 2

SECT. APP. CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYOR LANDSCAPE ARCHITECTS & LAND PLANNERS
TILLS AMBAGSADOR ROAD P.O. BOX 47428
BALTIMORE, MARYLAND 21244-7428
HICHARD ARRYLAND 21244-7428
HICHARD ARRYLAND

TII5 AMBASSADOR ROAD
P.O. BOX 47428
BALTIMORE, MARYLAND 21244-7428
HIO-944-3647

DNDUIT

ENVIROMENTAL
ENGINEERING
ENGINEERING
ENGINEERING
ENGINEERING
ENGINEERING
ENGINEERING
ENGINEERING
ENGINEERING
ENGINEERING

CHIEF, OFFICE OF ENGINEERING AND CONSTRUCTION DATE

DIRECTOR, DEPARTMENT OF PUBLIC WORKS

C.W.O. NO.

DATE

OWNER/DEVELOPER: FALLS HILL HOLDINGS, LLC 4 W. WEST STREET BALTIMORE, MD 21230 C/O EMERALD PROPERTIES PHONE: 443-301-9238

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
DEVELOPERS AGREEMENT NO. 1618

COVER SHEET
FOR
1100 FALLS HILL DRIVE

SCALE: AS NOTED

DATE: January, 2019

WATER & WASTEWATER ENGINEERING DIVISION SHEET 1 OF

**LOCATION MAP** 

SCALE: 1:=100'

## **STANDARD UTILITY NOTES:**

- 1. CONTRACTOR MUST NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST FIVE (5) DAYS PRIOR TO BEGINNING WORK.
- 2. NOTIFY WATER AND WASTEWATER MAINTENANCE DIVISION AT (410)-296-7870 AT LEAST TWO (2) WEEKS PRIOR TO START UP OF CONSTRUCTION ON THE WATER SERVICE. FOR SANITARY, CONDUIT, STORM WATER SERVICES, CONTACT THE PERMIT INSPECTION
- SECTION AT (410)—396—4840. THE CONTRACTOR MUST RECEIVE WRITTEN NOTICE TO PROCEED FROM WATER AND WASTEWATER MAINTENANCE DIVISION OR THE PERMIT INSPECTION SECTION PRIOR TO PERFORMING ANY WORK.

  3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF BALTIMORE'S DEPARTMENT OF PUBLIC WORKS, "CONSTRUCTIONS SPECIFICATIONS", "BOOK OF STANDARDS", THE BUILDING CODE OF BALTIMORE CITY AND THE DEVELOPER'S AGREEMENT.

### STANDARD PAVING NOTES:

- 1. ANY CURB, SIDEWALK, STORM DRAINS AND/OR PAVING DISTURBED DURING INSTALLATION OF UTILITY SERVICES WILL BE REPLACED AS PART OF THIS DEVELOPER'S AGREEMENT.
- 2. ANY CURB DISTURBED DURING INSTALLATION SHALL BE REPLACED "IN-KIND" TO THE NEAREST EXISTING JOINT.
- 3. PERMANENT TRENCH REPAIR AND PAVING RESTORATION SHALL BE IN ACCORDANCE TO STANDARD DETAIL BC-576.19-1 & BC- 576.19-2 FOR FLEXIBLE PAVEMENT AND BC-576.18-1 & BC-576.18-2 FOR RIGID PAVEMENT.
  4. CONCRETE SIDEWALKS DISTURBED DURING INSTALLATION SHALL BE REPAIRED JOINT-TO-JOINT WITH 5 INCHES OF MIX NO. 2 CONCRETE ON 3 INCHES OF CR-6.

# STANDARD STREET LIGHTING NOTES:

- 1. BALTIMORE CITY'S DEPARTMENT OF TRANSPORTATION MAINTENANCE DIVISION MAINTAINS STREET LIGHTING POLES AND THE BALTIMORE GAS AND ELECTRIC COMPANY (BGE) MAINTAINS STREET LIGHT CABLES IN THE AREA. THE CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN ALL EXISTING LIGHTING DURING INFRASTRUCTURE, CIRCUIT CONTINUITY AND CONDUIT FACILITIES DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO NOTIFY BGE AND BALTIMORE CITY STREET LIGHTING MAINTENANCE ENGINEERING SECTION AT (410)—396—4446 TWO (2) WEEKS PRIOR TO STARTING WORK
- 2. THE CONTRACTOR MUST PROTECT AND MAINTAIN EXISTING STREET LIGHTING IN SERVICE. ANY INTERRUPTION OR DAMAGE TO STREET LIGHTING SERVICE, STREET LIGHT POLE OR CONDUIT/CABLE SHALL BE REPAIRED AS DIRECTED BY DOT STREET LIGHTING MAINTENANCE AND BGE AT CONTRACTOR'S OWN EXPENSE.
- 3. IF THE CONTRACTOR UNCOVERS OR DAMAGES A STREET LIGHT CONDUIT OR CABLE DURING CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO NOTIFY THE STREET LIGHTING MAINTENANCE AT (410)-396-4446 AND BGE IMMEDIATELY. STREET LIGHTING
- MAINTENANCE WOULD EFFECT REPAIRS OR DIRECT BGE TO MAKE SAFE CONDITIONS AND/OR REPLACE CONDUITS AND CABLE PRIOR TO RESUMING CONSTRUCTION. ALL SUCH REPAIRS SHALL BE MADE AT THE CONTRACTOR'S EXPENSE.

  4. THE CONTRACTOR WOULD BE RESPONSIBLE TO PROVIDE TEMPORARY LIGHTING AS PER BALTIMORE CITY STANDARDS IF THE EXISTING LIGHTS CANNOT BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNTIL THE PERMANENT LIGHTING IS INSTALLED AND IN SATISFACTORY OPERATION. THE TOTAL COST OF MATERIALS AND LABOR FOR STREET LIGHTING WORK INCLUDING BGE CABLE CONNECTION WORK SHALL BE BORE BY THE CONTRACTOR.
- 5. THE CONTRACTOR IS REQUIRED TO CONTACT STREET LIGHTING MAINTENANCE FOR THE POLES AND LIGHT FIXTURES TO BE REMOVED AND TO COORDINATE DE-ENERGIZING AND RE-ENERGIZING THE LIGHT POLES BY BGE.
- 6. BEFORE CONTRACTOR CAN REMOVE EXISTING POLES, THE CONTRACTOR IS REQUIRED TO CONTACT STREET LIGHTING MAINTENANCE TO AUTHORIZE STREET LIGHTING WORKING WITH BGE AND OBTAIN COST ESTIMATE FOR BGE TO DE-ENERGIZE STREET LIGHT POLES AND LIGHT FIXTURES TO BE REMOVED AND SALVAGED. THE CONTRACTOR WILL RECEIVE SECOND ESTIMATE FOR BGE TO ENERGIZE THE STREET LIGHT POLES AFTER INSTALLATION.
- 7. THE CONTRACTOR IS REQUIRED TO CONTACT BGE AND DOT CONDUIT DIVISION AT (410)-396-1515 FOR CONDUIT INSPECTION PRIOR TO FINAL PAVEMENT AND SIDEWALK WORK AND BGE CAN ENERGIZE THE LIGHT POLES.
- 8. UNLESS OTHERWISE NOTED, ALL STREET LIGHTING RELATED WORK SHALL BE IN ACCORDANCE WITH THE CITY OF BALTIMORE'S DEPARTMENT OF PUBLIC WORKS, "CONSTRUCTION SPECIFICATIONS", "BOOK OF STANDARDS", THE BUILDING CODE OF BALTIMORE CITY, AND THE UTILITY DEVELOPER'S AGREEMENT.
- 9. FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY THE CONTRACTOR MUST OBTAIN PERMITS FROM THE DEPARTMENT OF GENERAL SERVICES PERMITS DIVISION, ABEL WOLMAN MUNICIPAL BUILDING, 1ST FLOOR, 200 NORTH HOLLIDAY STREET, BALTIMORE, MARYLAND, 21202, PHONE (410)-396-6865 OR (410)-396-4508.
- 10. BALTIMORE CITY'S DEPARTMENT OF TRANSPORTATION MAINTENANCE DIVISION MAINTAINS STREET LIGHTING POLES AND THE BALTIMORE GAS AND ELECTRIC COMPANY (BGE) MAINTAINS STREET LIGHT CABLES IN THE AREA. THE CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN ALL EXISTING LIGHTING DURING INFRASTRUCTURE, CIRCUIT CONTINUITY AND CONDUIT FACILITIES DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO NOTIFY BGE AND BALTIMORE CITY STREET LIGHTING MAINTENANCE ENGINEERING SECTION AT (410)-396-4446 TWO (2) WEEKS PRIOR TO STARTING WORK
- 11. IN AREAS WHERE THE CONTRACTOR IS TO REMOVE THE FOOTWAY WHERE BURIED CABLE IS PRESENT, THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH BGE AT (410)-470-6744. BGE MAY ELECT TO INSTALL THE NEW CABLE PRIOR TO THE INSTALLATION OF THE NEW FOOTWAY.
- 12. COORDINATION FOR BGE STREET LIGHTING CONSTRUCTION SERVICES REQUIRES THE LATEST RED-LINED OR UPDATED DRAWINGS (AS IT PERTAINS TO STREET LIGHTING INFRASTRUCTURE) ARE PROVIDED ELECTRONICALLY TO BALTIMORE CITY'S TRANSPORTATION MAINTENANCE DIVISION. IF APPLICABLE, THE MARKED UP DRAWINGS SUBMITTED WILL SERVE AS THE BASIS FOR DETERMINING THE PROBABLE COST ESTIMATE FOR BGE SERVICES. CONTRACTOR SHALL CONTACT STREET LIGHTING MAINTENANCE AT (410)-396-4446 AT LEAST TEN (10) DAYS PRIOR TO STARTING ANY WORK,
- 13. CONTRACTOR SHALL CONTACT CONDUIT MAINTENANCE INSPECTIONS AT (410)-396-1515 TWO (2) WEEKS BEFORE THE START OF CONSTRUCTION. CABLE INSTALLATION BY BGE WILL NOT BE CARRIED OUT WITHOUT COMPLETION OF AN INSPECTION BY CONDUIT MAINTENANCE.

### STANDARD TRAFFIC NOTES:

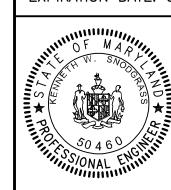
- 1. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF TRANSPORTATION AT (443)-984-2153 TWO (2) WEEKS BEFORE CONSTRUCTION BEGINS AND ONE (1) WEEK PRIOR TO ANY CHANGES TO THE MAINTENANCE OF TRAFFIC (MOT) PLAN.
- 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY, INSTALL, AND MAINTAIN ALL TEMPORARY TRAFFIC CONTROL EQUIPMENT & STREET LIGHTING FACILITIES FOR THE DURATIONS OF THIS CONTRACT.
- 3. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION AND REVISIONS OF THE MARYLAND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE MARYLAND STATE HIGHWAY ADMINISTRATION (SHA) WORK ZONE TRAFFIC CONTROL STANDARDS, AND THE CITY OF BALTIMORE BOOK OF STANDARDS.
- 4. IN ORDER TO WORK IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN PERMITS FROM THE DEPARTMENT OF TRANSPORTATION (DOT) PERMITS DIVISION. APPLICATIONS FOR PERMITS ARE ACCEPTED AT THE DOT PERMITS DIVISION IN THE ABEL WOLMAN MUNICIPAL BUILDING LOBBY, 200 N. HOLLIDAY STREET, TELEPHONE (410)-396-4508 OR (410)-396-4508. DURING THE PERMIT REVIEW PROCESS, THE CONTRACTOR MAY BE BILLED ADDITIONAL TRAFFIC INSPECTION FEES NOT RELATED TO ANY PREVIOUS COSTS.
- 5. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF FOUR (4) FOOT WIDE PEDESTRIAN FOOTWAY WITH FIVE (5) FOOT PASSING ZONE EVERY 200 FEET OR IMPLEMENT AN APPROPRIATE PEDESTRIAN DETOUR, APPROVED BY DOT-TRAFFIC, WHILE ACTIVELY WORKING IN THE SIDEWALK IN ACCORDANCE WITH THE ADA GUIDELINES AND APPROPRIATE SHA AND CITY STANDARDS.
- 6. THE CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN EXISTING SIGNAL, STREET LIGHTING, HAND BOX, CABLE, AND CONDUIT FACILITIES DURING CONSTRUCTION.
- 7. ALL EXCAVATIONS AND TRENCHES SHALL BE STEEL PLATED AT THE END OF EACH WORKDAY AND "STEEL PLATES" WARNING SIGNS DISPLAYED IN ADVANCE. STEEL PLATES SHALL BE INSTALLED PER STANDARD DETAIL BC-576.17 AND SHALL BE CLEARLY
- MARKED SO THAT OWNERSHIP IS EASILY DISCERNIBLE.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR ANY SIGNING AND PAVEMENT MARKINGS DAMAGED OR DESTROYED DURING CONSTRUCTION, INCLUDING THOSE OUTSIDE THE PROJECT LIMITS
- 9. THE CONTRACTOR MUST MAINTAIN A MINIMUM OF ONE (1) TEN (10) FOOT LANE OF TRAFFIC IN EACH DIRECTION OF TRAVEL ON FALLSHILL DRIVE AND HICKORY AVE AT ALL TIMES OF PROVIDE A TWO—PERSON FLAGGING OPERATION EQUIPPED WITH
  "STOP/SLOW" PADDLES. ANY PROPOSED ROADWAY CLOSURES AND DETOURS SHALL BE COORDINATED WITH ADJACENT PROPERTY OWNERS AND APPROVED IN ADVANCE BY THE THE TRAFFIC DIVISION OF THE DEPARTMENT OF TRANSPORTATION. THE FULL WIDTH
  OF ROADWAY MUST BE OPENED TO TRAFFIC AT THE END OF EACH WORK DAY.
- 10. NO LANE CLOSURES OR DISRUPTIONS OF TRAFFIC ARE PERMITTED BETWEEN THE HOURS OF 6:00 AM AND 9:00 AM AND 3:00 PM AND 6:00 PM, WEEKDAYS.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY TEMPORARY "NO STOPPING" PROHIBITION SIGNING THAT WILL BE NECESSARY TO COMPLETE THIS PROJECT. A MINIMUM OF SEVENTY—TWO (72) HOURS NOTICE IS REQUIRED FOR ANY TEMPORARY PARKING RESTRICTIONS.

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. 50460

EXPIRATION DATE: 01-12-2021

CHECKED BY



ENGINEER: KENNETH SNODGRASS

DATE: 1/4/19 LIC. NO. 50460

DESIGNED: KNK
DRAWN BY: KNK

DRAWN BY: CROSS SOURCE STORY

DRAWN BY:

D. S. THALER & ASSOC., LLC.

WARD: 13
SECTION: 2 SECT. APP.
BLOCK: 3590
LOT: 76

DSThaler
ASSOC., LLC
CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYORS
LANDSCAPE ARCHITECTS & LAND PLANNERS
1115 AMBASSADOR ROAD
P.O. BOX 47428
BALTIMORE, MARYLAND 21244-7428
410-944-3647

| SEAL |                          | LOT: 76        |   |                   |         |          |          |         | 410-444-3641          |  | www.asthaler.com       |                           |                      |                      |
|------|--------------------------|----------------|---|-------------------|---------|----------|----------|---------|-----------------------|--|------------------------|---------------------------|----------------------|----------------------|
|      | BALTIMORE<br>CITY REVIEW | R/W<br>RELEASE | • | HIGHWAY<br>DESIGN | BRIDGES | DRAINAGE | LIGHTING | CONDUIT | ENVIROMEN<br>ENGINEER |  | TRAFFIC<br>ENGINEERING | WASTEWATER<br>ENGINEERING | WATER<br>ENGINEERING | SIGNAL<br>ENGINEERIN |
|      | BY                       |                |   |                   |         |          |          |         |                       |  |                        |                           |                      |                      |
|      | DATE                     |                | · |                   |         |          |          |         |                       |  |                        |                           |                      |                      |

| AS BUILT REVISION | REVISIONS |             |      |    |  |  |  |
|-------------------|-----------|-------------|------|----|--|--|--|
|                   | NO.       | DESCRIPTION | DATE | BY |  |  |  |
| BY:               |           |             |      |    |  |  |  |
| DATE:             |           |             |      |    |  |  |  |

CHIEF, OFFICE OF ENGINEERING AND CONSTRUCTION DATE

DIRECTOR, DEPARTMENT OF PUBLIC WORKS DATE

C.W.O. NO.

OWNER/DEVELOPER: FALLS HILL HOLDINGS, LLC
4 W. WEST STREET
BALTIMORE, MD 21230
C/O EMERALD PROPERTIES
PHONE: 443-301-9238

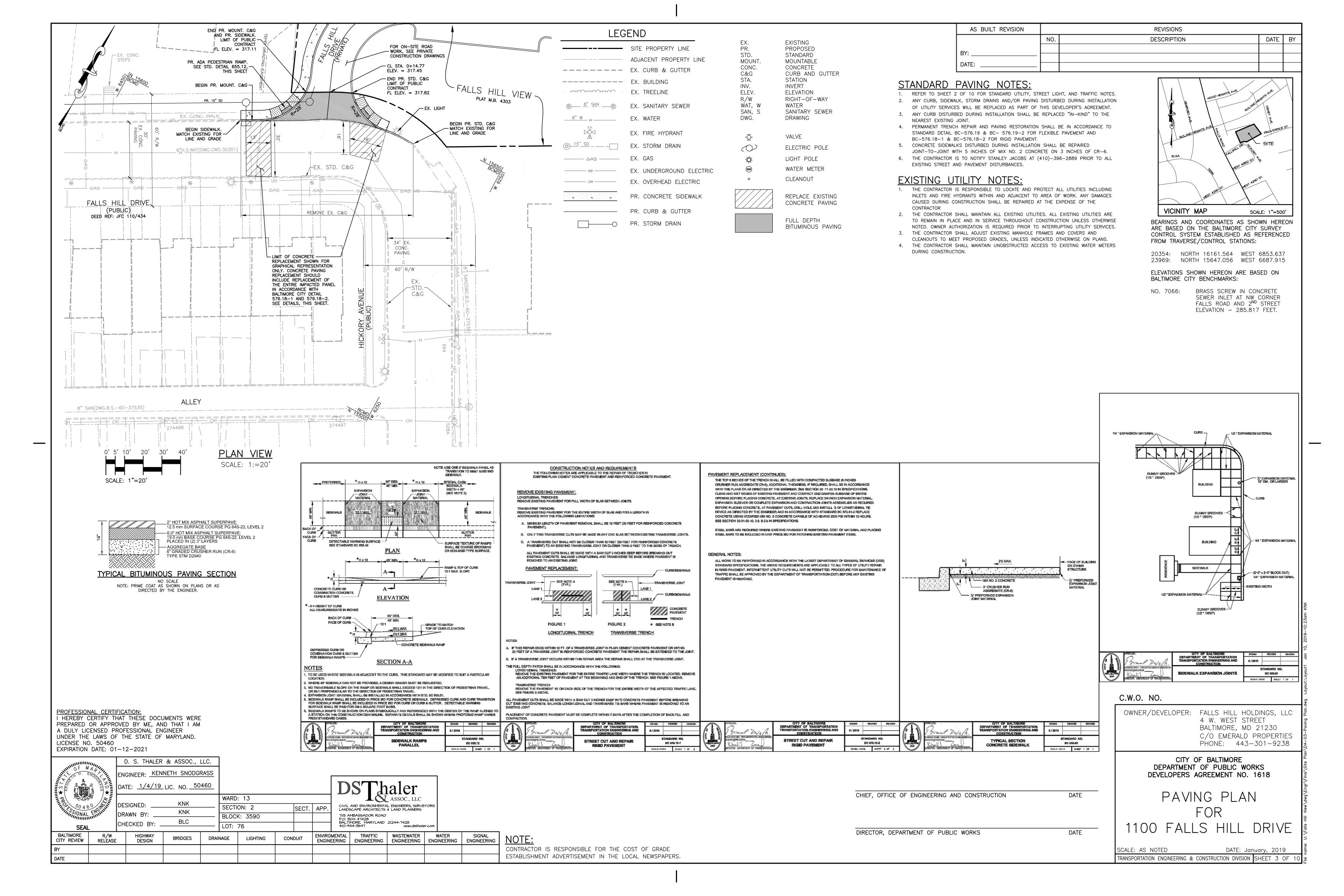
CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
DEVELOPERS AGREEMENT NO. 1618

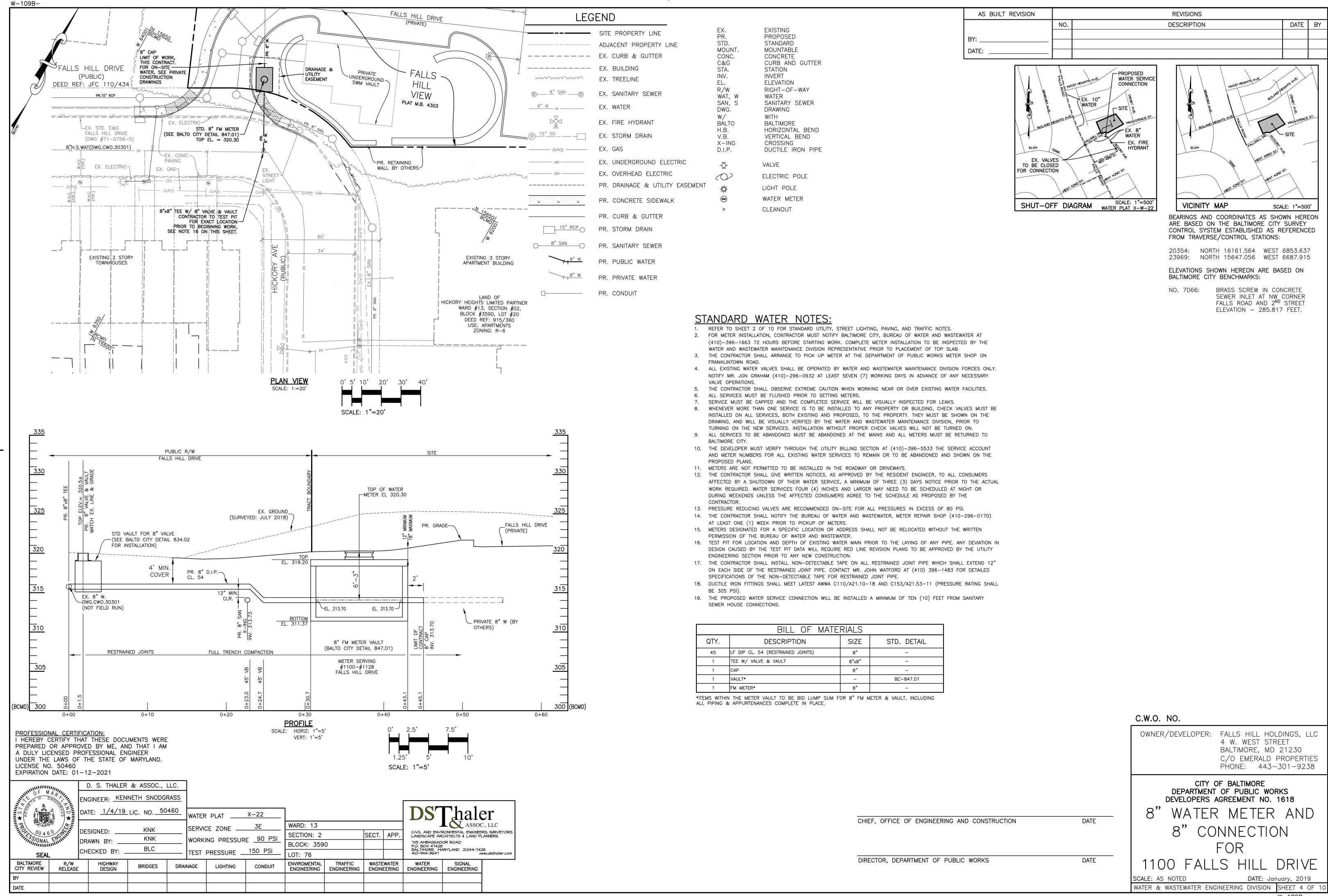
STANDARD NOTES
FOR
1100 FALLS HILL DRIVE

SCALE: AS NOTED

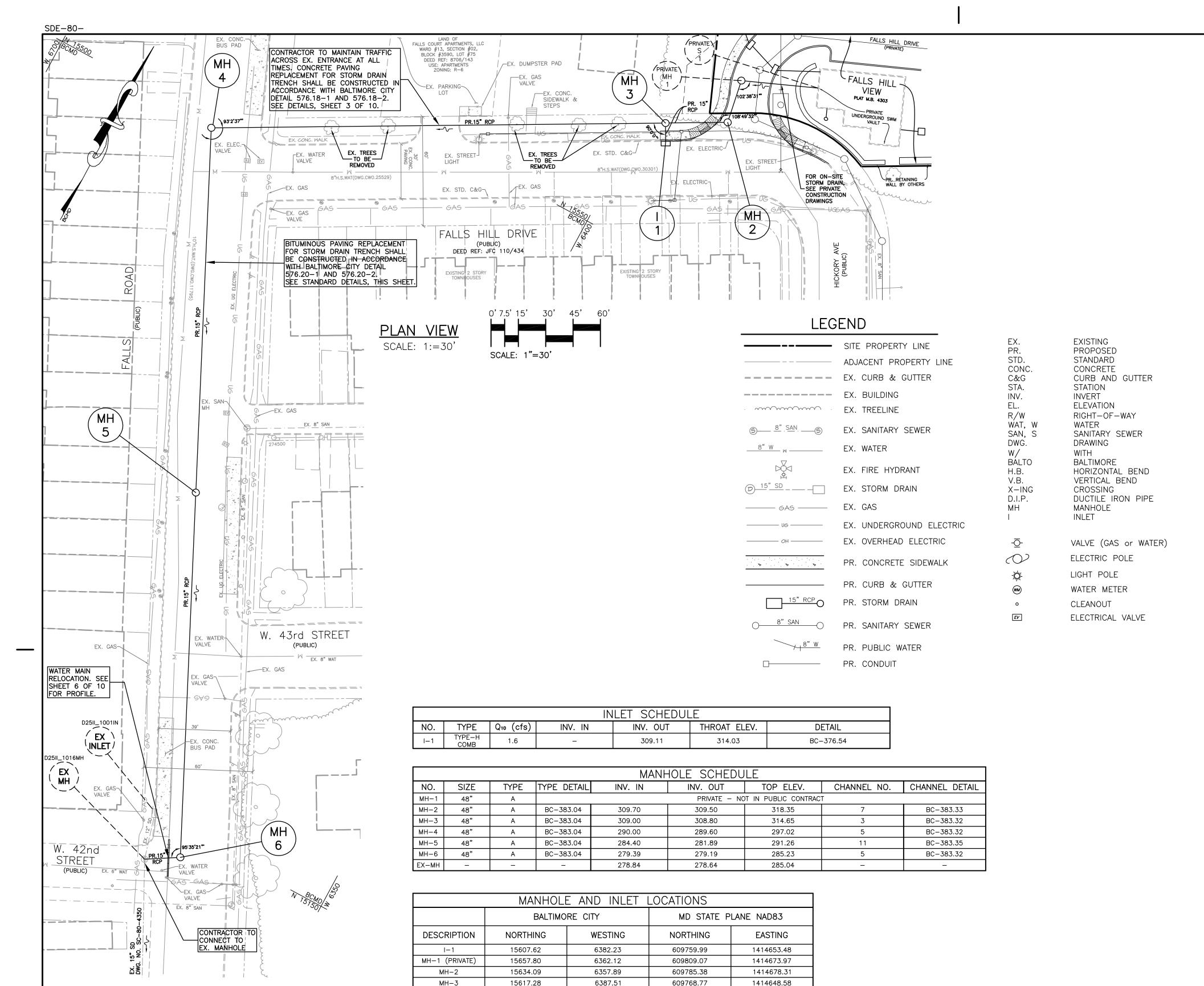
DATE: January, 2019

WATER & WASTEWATER ENGINEERING DIVISION SHEET 2 OF





W-109B-



MH-3

MH-4

MH-5

MH-6

QTY.

703 LF

SECT. | APP.

CONDUIT

PROFESSIONAL CERTIFICATION

EXPIRATION DATE: 01-12-2021

R/W

RELEASE

LICENSE NO. 50460

BALTIMORE

CITY REVIEW

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE

PREPARED OR APPROVED BY ME, AND THAT I AM

DESIGNED:

DRAWN BY:

CHECKED BY:

HIGHWAY

DESIGN

D. S. THALER & ASSOC., LLC.

ENGINEER: KENNETH SNODGRASS

DATE: 1/4/19 LIC. NO. 50460

KNK

KNK

BLC

BRIDGES

WARD: 13

LOT: 76

DRAINAGE

SECTION: 2

BLOCK: 3590

LIGHTING

UNDER THE LAWS OF THE STATE OF MARYLAND.

A DULY LICENSED PROFESSIONAL ENGINEER

15497.04

15317.01

15136.96

BILL OF MATERIALS

**DESCRIPTION** 

RCP

TYPE 'H' INLET, COMBO

MANHOLE

ASSOC., LLC

CIVIL AND ENVIRONMENTAL ENGINEERS, SURVEYOR LANDSCAPE ARCHITECTS & LAND PLANNERS

ENVIROMENTAL TRAFFIC WASTEWATER WATER

ENGINEERING ENGINEERING ENGINEERING

7115 AMBASSADOR ROAD

6605.57

6518.10

6430.66

SIZE

DOUBLE

48"

609647.26

609467.61

609287.94

1414431.22

1414519.46

1414607.68

|  | AS BUILT REVISION |     |             |      |    |
|--|-------------------|-----|-------------|------|----|
|  |                   | NO. | DESCRIPTION | DATE | BY |
|  | BY:               |     |             |      |    |
|  |                   |     |             |      |    |
|  | DATE:             |     |             |      |    |

# **STANDARD STORM NOTES:**

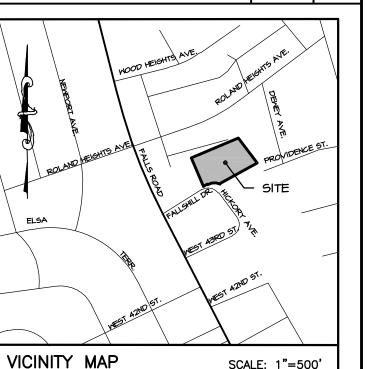
- 1. REFER TO SHEET 2 OF 10 FOR STANDARD UTILITY, STREET LIGHTING, PAVING, AND TRAFFIC NOTES.
- 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CITY OF BALTIMORE, DEPARTMENT OF PUBLIC WORKS, "SPECIFICATIONS FOR MATERIALS, HIGHWAYS, BRIDGES, UTILITIES AND INCIDENTAL STRUCTURES" (STANDARD SPECIFICATIONS) AND THE CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS.
- 3. EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR AND ARE NOT WARRANTED OR GUARANTEED BY THE CITY ENGINEER TO BE COMPLETE OR CORRECT. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS OWN SATISFACTION. TEST PIT AS NECESSARY.
- 4. BEFORE DOING ANY DIGGING, NOTIFY THE FOLLOWING:
  - "MISS UTILITY" AT 800-257-7777 (NOTIFY 3 DAYS PRIOR TO WORK) - DEPARTMENT OF TRANSPORTATION, STREET LIGHTING SECTION AT (410)-396-4446 (NOTIFY 2 WEEKS PRIOR TO
  - DEPARTMENT OF TRANSPORTATION, CONDUIT SECTION AT (410)-396-1515 (NOTIFY 15 DAYS PRIOR TO WORK)
  - VERIZON AT 800-837-4966 (NOTIFY 3 DAYS PRIOR TO WORK)

4. TYPE OF JOINT FOR PIPE TYPE OF PIPE

TYPE OF JOINT 'O' RING RUBBER GASKET

REINFORCED CONCRETE PIPE DRAIN REINFORCED CONCRETE PIPE: INLET CONNECTION CEMENT MORTAR OR 'O' RING RUBBER GASKET

- 5. ALL CHANNELS IN MANHOLES MUST BE CONSTRUCTED TO CONFORM AS CLOSE AS POSSIBLE TO THE STANDARD CHANNEL CALLED FOR IN THE PROFILES.
- 6. GRAVEL CRADLE IS REQUIRED UNDER ALL PIPES EXCEPT INLET CONNECTIONS. TRENCHING AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH CITY SPECIFICATION SECTION 31 23 33
- 7. ALL BACKFILL SHALL BE MECHANICALLY TAMPED. 8. ROADWAY PAVING REPLACEMENT SHALL BE DONE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION
- SECTION 32 01 30.10. 9. THE CONTRACTOR SHALL VIDEO INSPECT THE NEW STORM DRAINS AND SUBMIT A DVD/CD OF THE VIDEO INSPECTION
- TO THE STORM DRAIN ENGINEERING OFFICE. 10. PROVIDE AS-BUILT DRAWINGS IN ACCORDANCE TO THE PROCEDURES PROVIDED BY THE STORM DRAIN ENGINEERING
  - BALTIMORE CITY BENCHMARKS:

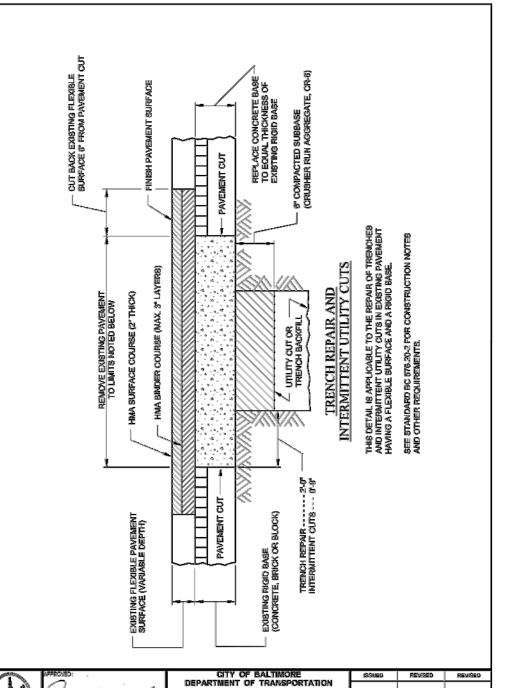


BEARINGS AND COORDINATES AS SHOWN HEREON ARE BASED ON THE BALTIMORE CITY SURVEY CONTROL SYSTEM ESTABLISHED AS REFERENCED FROM TRAVERSE/CONTROL STATIONS:

20354: NORTH 16161.564 WFST 6853.637 23969: NORTH 15647.056 WEST 6687.915 ELEVATIONS SHOWN HEREON ARE BASED ON

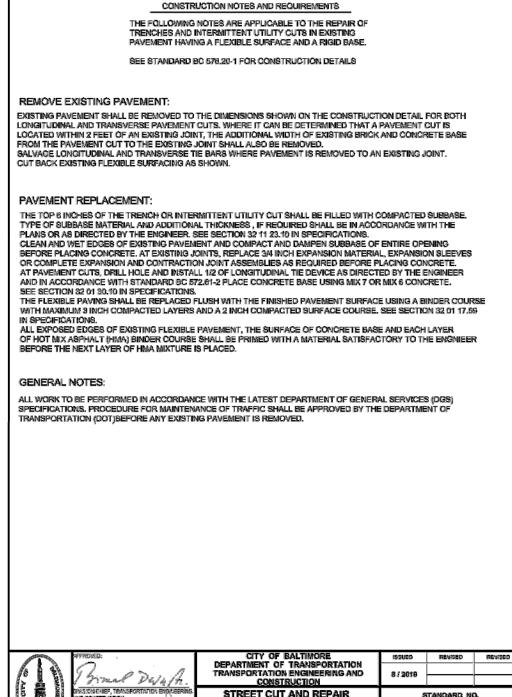
BRASS SCREW IN CONCRETE SEWER INLET AT NW CORNER FALLS ROAD AND 2<sup>ND</sup> STREET

ELEVATION - 285.817 FEET.



FLEXIBLE SURFACE

RIGID BASE



THIS STREET CUT REPAIR DETAIL SHALL BE USED UPON DETERMINATION OF THE PAVING BASE OF FALLS ROAD IN THE FIELD BY CONTRACTOR AND/OR BALTIMORE CITY INSPECTOR. IF FIELD CONDITIONS ALLOW STREET CUT REPAIR FOR FULL DEPTH FLEXIBLE PAVEMENT, DETAIL 576.19-1 AND 576.19-2 MAY BE SUBSTITUTED.

DATE

BC 576.26-1

DRAINAGE DISTRICT: 39-B RECORD PLAT: 25-II1 C.W.O. NO.

FLEXIBLE SURFACE

OWNER/DEVELOPER: FALLS HILL HOLDINGS, LLC 4 W. WEST STREET BALTIMORE, MD 21230 C/O EMERALD PROPERTIES PHONE: 443-301-9238

BC 576.29-2

SCALE: NONE SHEET 2 OF 2

CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS DEVELOPERS AGREEMENT NO. 1618 STORM DRAIN PLAN FROM 1100 FALLS HILL DRIVE TO W. 42<sup>ND</sup> STREET ALONG FALLS ROAD

SCALE: AS NOTED DATE: January, 2019 TRANSPORTATION ENGINEERING & CONSTRUCTION DIVISION SHEET 5 OF

DIRECTOR, DEPARTMENT OF PUBLIC WORKS DATE

CHIEF, OFFICE OF ENGINEERING AND CONSTRUCTION

SDE-80-

