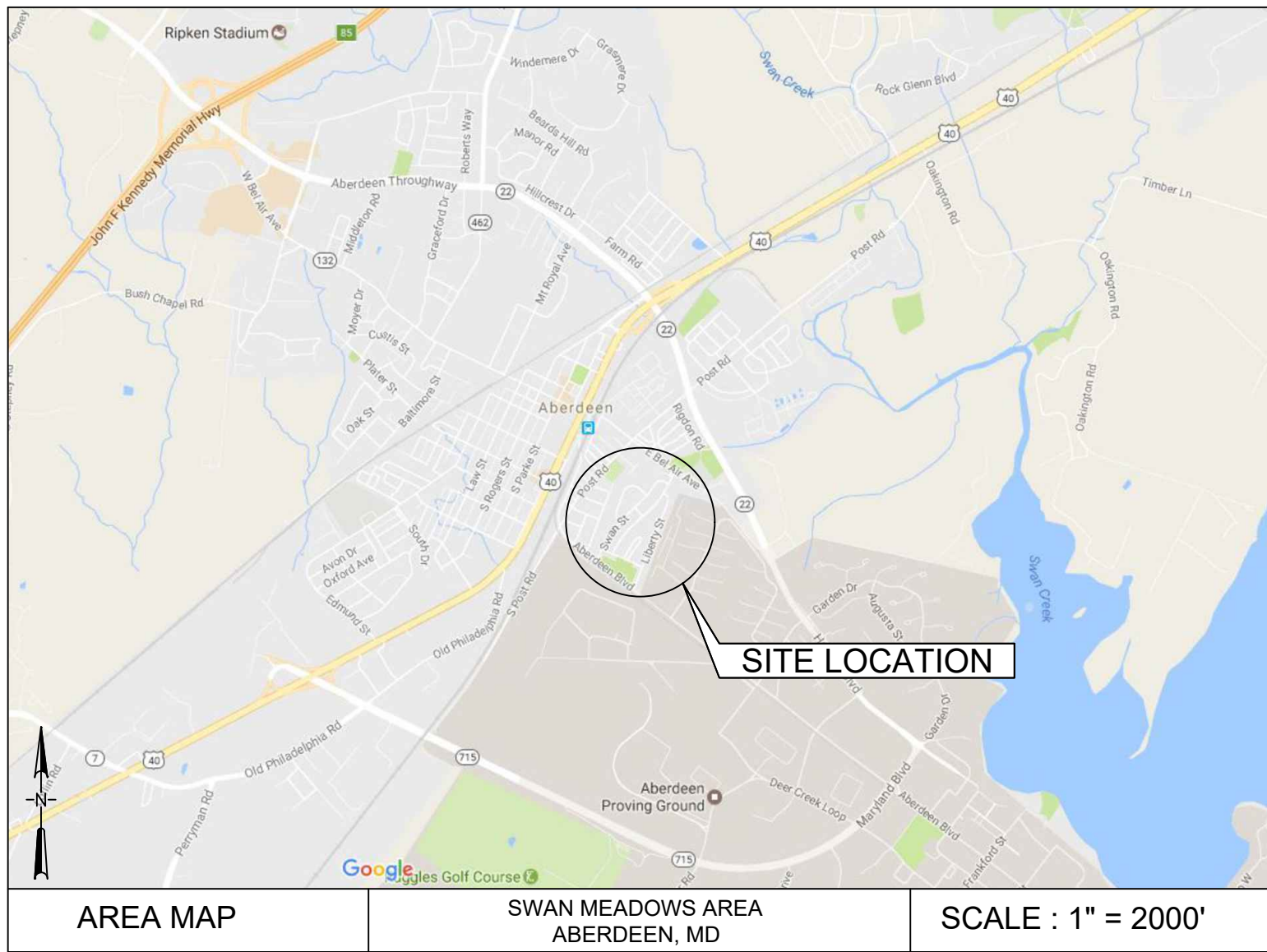
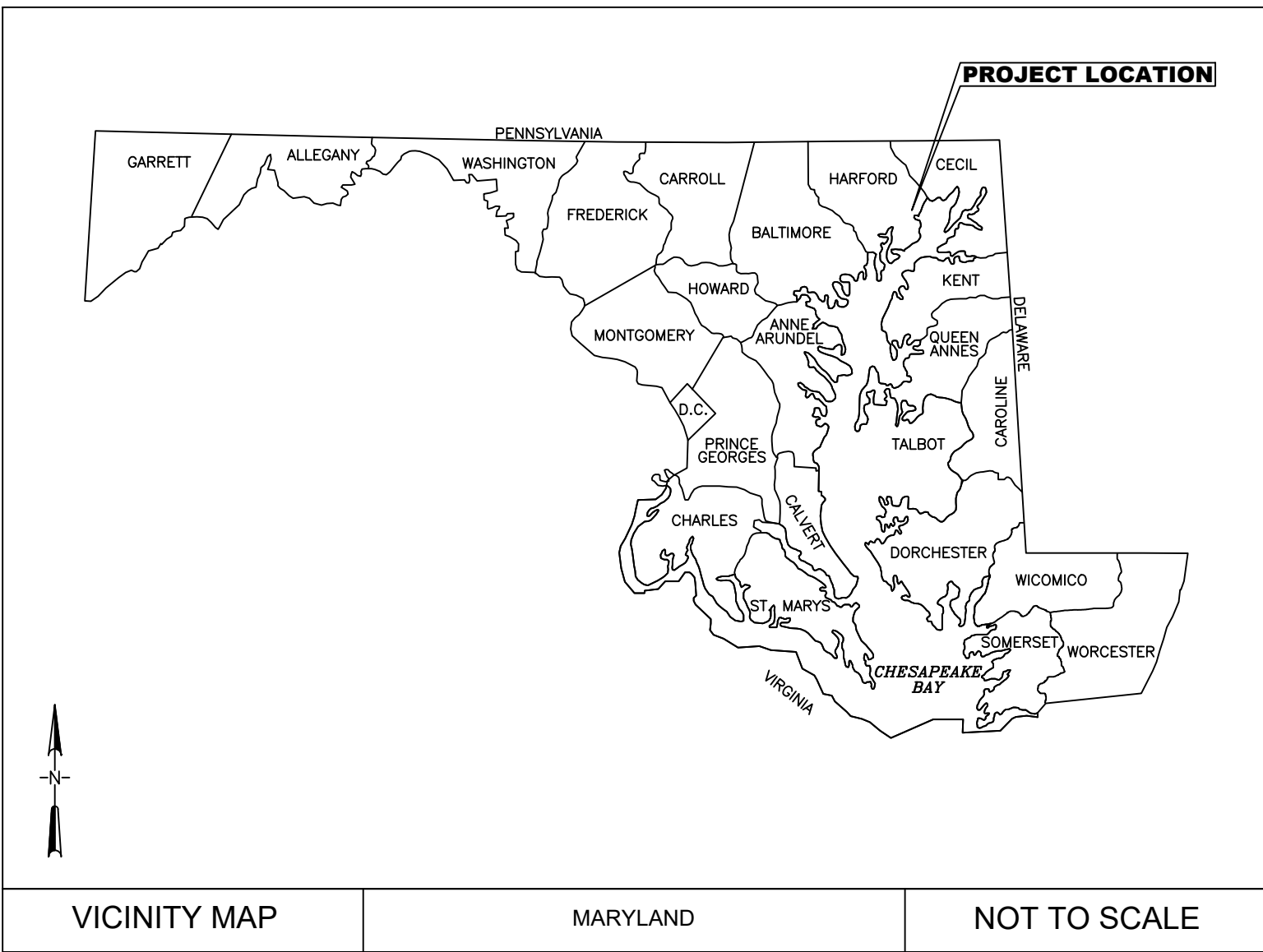
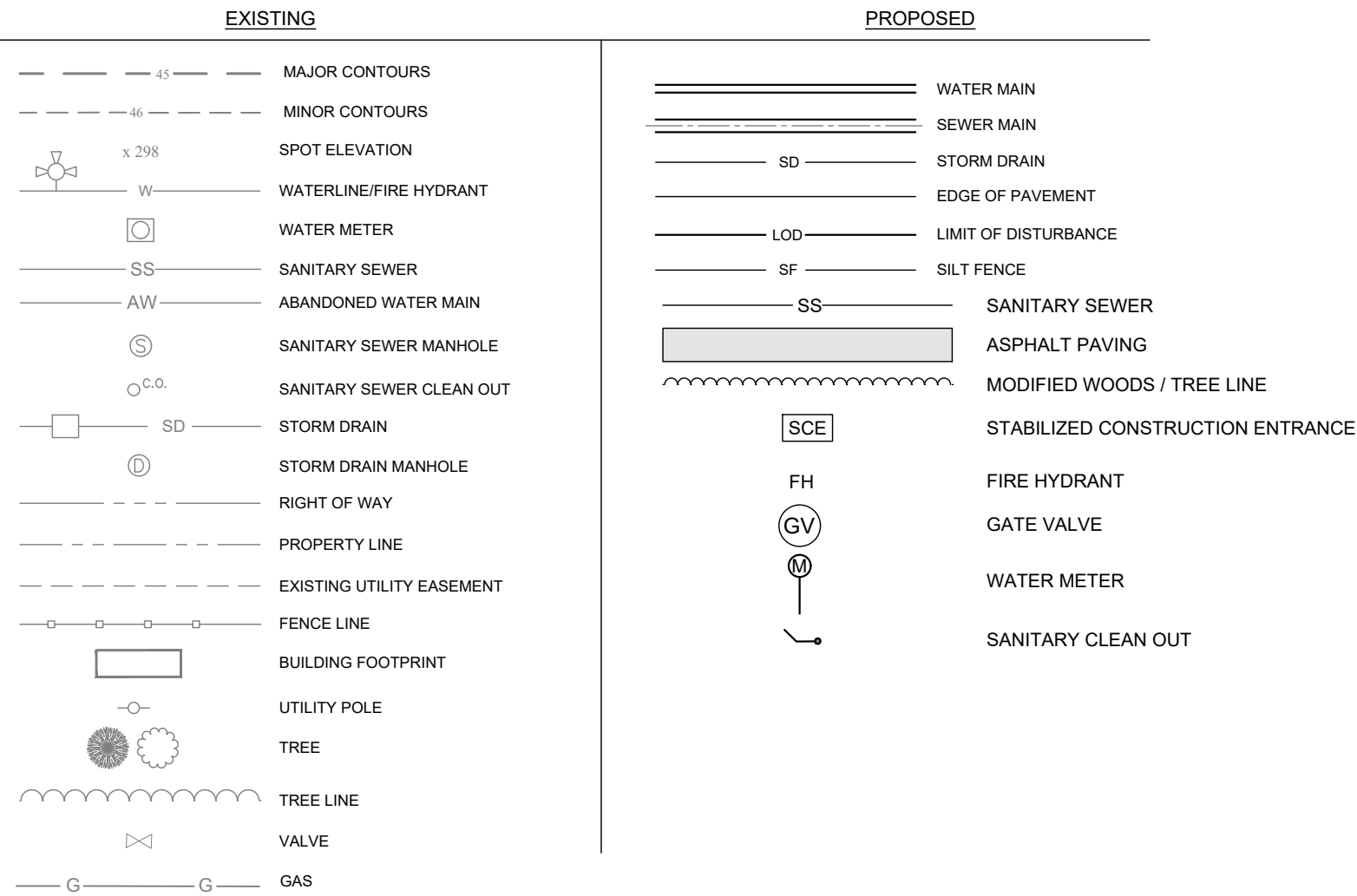


CONTRACT DRAWINGS
CITY OF ABERDEEN, MARYLAND
DEPARTMENT OF PUBLIC WORKS

SWAN MEADOWS
WATER & SEWER IMPROVEMENTS



LEGEND



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COVER SHEET

SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

ABERDEEN HARFORD COUNTY MARYLAND

CITY OF ABERDEEN
DEPARTMENT OF PUBLIC WORKS
APPROVAL

CITY ENGINEER DATE

DIRECTOR DATE

CONSTRUCTION SET

PROFESSIONAL CERTIFICATION

SIGNATURE

Drafting: T.J.G. Check: DRS

Design: T.J.G. Check: DRS

SCALE: AS NOTED

DATE: 08-14-2026

KCI JOB #: 13158575 SM

SHEET: G-0.01

07 Sheet Meads PRINTED: 06/10/2026 9:30 PM
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GENERAL NOTES

1.

THE PURPOSE OF THIS PLAN IS TO PROVIDE A PLAN AND PROFILE FOR WATER MAINS, & SEWER MAINS ALONG THE SUBDIVISION ROADS IN THE SWAN MEADOWS COMMUNITY.
2.

OWNER/DEVELOPER: CITY OF ABERDEEN
3.

HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88
4.

TOPOGRAPHIC INFORMATION SHOWN HEREON WAS FLOWN BY AXIS GEOSPATIAL IN APRIL 2022 AND SUPPLEMENTAL SURVEY PROVIDED BY KCI TECHNOLOGIES INC DATED JUNE 2022.
5.

CONTRACTOR SHALL NOT OPERATE ANY VALVE OR HYDRANT WITHOUT EXPRESSED APPROVAL FROM THE CITY. IF WATER IS NEEDED ON SITE, THE CITY MAY GRANT ACCESS TO AN APPROVED HYDRANT IN THE VICINITY.
6.

ALL UTILITIES SHALL BE LOCATED, MARKED OUT, TEST PITTED AND DOCUMENTED PRIOR TO INSTALLATION OR NEW UTILITIES. TEST PITTING SHALL BE CONDUCTED USING VACUUM EXCAVATION OR HAND-DIG METHODS ONLY.
7.

EXISTING UTILITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR AND THE COMPLETENESS OR ACCURACY OF THE SAME IS NOT GUARANTEED. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND ELEVATION OF THE EXISTING UTILITIES BEFORE TRENCH EXCAVATION BEGINS. THE CONTRACTOR SHALL PROTECT SERVICE CONNECTIONS AND MAINTAIN THEIR UNINTERRUPTED SERVICE. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY. THE COST OF SUCH REPAIRS SHALL BE BORNE BY THE CONTRACTOR.
8.

ALL PROPERTY LINES, EXISTING UTILITY EASEMENTS, AND ROW ARE APPROXIMATE BASED OFF GIS DATA.
9.

ROADS, ROADWAYS, SIDEWALKS, CURB/GUTTERS, ROADSIDE DRAINAGE DITCHES, UNDERDRAINS, ETC. WHICH ARE DAMAGED OR DESTROYED BY CONTRACTOR OPERATIONS SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT PRIOR TO THE START OF CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
10.

ALL AREAS DISTURBED WITHIN EASEMENTS AND RIGHT-OF-WAYS OR ON PRIVATE PROPERTY SHALL BE RESTORED TO A CONDITION OF AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION. THE COST OF SUCH RESTORATION SHALL BE BORNE BY THE CONTRACTOR.
11.

CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TRAINED SAFETY PERSONNEL AND TO ENSURE THAT ALL CONSTRUCTION IS IN ACCORDANCE WITH THE STATE OCCUPATIONAL SAFETY LAWS (MOSHA).
12.

SUBSURFACE UTILITIES SHOWN BASED ON VISUALLY OBSERVED EVIDENCE AT GROUND LEVEL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFER WITH THE UTILITY COMPANIES INVOLVED IN ORDER TO SECURE THE MOST ACCURATE INFORMATION AVAILABLE AS TO UTILITY LOCATION. NO CONSTRUCTION AROUND OR ADJACENT TO UTILITIES SHALL BE DONE WITHOUT FIRST CALLING "MISS UTILITY" (1-800-257-7777) 72 HOURS PRIOR TO EXCAVATION TO HAVE UNDERGROUND UTILITY CABLES LOCATED AND MARKED.
13.

CONTRACTOR WILL BE RESPONSIBLE FOR MONITORING SEDIMENT TRACKING ON PAVED SURFACES. STREET SWEEPING WILL BE REQUIRED IF SEDIMENT IS FOUND ON ROADWAYS.
14.

CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC PER THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
15.

CONSTRUCTION OF THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING PUBLICATIONS:

-

MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

-

MDOT-SHA BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES

-

MDOT-SHA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS

-

MARYLAND OCCUPATIONAL SAFETY LAWS (OSHA)

-

HARFORD COUNTY D.P.W. STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS

-

HARFORD COUNTY ROAD CODE

-

CITY OF ABERDEEN - §470-5 "RESIDENTIAL SUBDIVISION PAVING SECTIONS"

-

THE CITY OF ABERDEEN ADDENDUM TO HARFORD COUNTY'S APPROVED MATERIALS AND DETAILS DOCUMENT.
16.

PRIOR TO ANY ONSITE LAND DISTURBANCES, FORTY-EIGHT (48) HOURS ADVANCE NOTICE SHALL BE GIVEN TO THE CITY OF ABERDEEN, D.P.W. INSPECTION SECTION BY CONTACTING THE CHIEF INSPECTOR AT 410-272-1600, AT WHICH TIME A PRECONSTRUCTION MEETING WILL BE SCHEDULED.
17.

FOR ANY GRADING OPERATIONS ON THIS PROJECT, THE G.P. PERMIT WILL BE ISSUED BY THE CITY. WRITTEN REQUESTS FOR PERMITS SHOULD BE SENT TO THE CITY. THE GRADING PERMIT WILL BE ISSUED AT THE PRE-CONSTRUCTION MEETING.
18.

ALL INLETS AND MANHOLES WILL BE BACKFILLED WITH NO. 57 AGGREGATE FOR A WIDTH OF 1.5 FEET OUTSIDE THE PERIMETER OF THE INLETS AS PER SECTION 305 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, HARFORD COUNTY EDITION.
19.

STAGING AREA WILL BE ESTABLISHED AT THE PRE-CONSTRUCTION MEETING AND WILL BE COORDINATED WITH THE PHASING OF THE PROJECT. THE CONTRACTOR SHALL IDENTIFY THE NEED AND IF POSSIBLE, THE CITY MAY PROVIDE. IF NOT THE CONTRACTOR WILL HAVE TO PLAN ACCORDINGLY FOR EACH DAYS REQUIREMENTS.
20.

THE CONTRACTOR SHALL INDICATE THE TOTAL NUMBER OF CURB SIDE TREES REMOVED DURING CONSTRUCTION, AND REPLACE WITH LOCAL "MD TREES". CONTRACTOR SHALL COORDINATE WITH THE CITY, ALL REPLANTING COSTS SHALL BE BORNE TO THE CONTRACTOR.
21.

FULL ACCESS SHALL BE PROVIDED FOR RESIDENTS, EMERGENCY VEHICLES, PEDESTRIANS, MAIL, TRASH PICKUP, DELIVERIES, AND ACCESS TO ALL BUILDINGS.
22.

CONTRACTOR SHALL PERFORM TEST PITS AS NECESSARY TO VERIFY EXISTING CONDITIONS AT THE SITE. IN CERTAIN INSTANCES, SPECIFIC TEST PIT LOCATIONS HAVE BEEN IDENTIFIED AS REQUIRED BY THE ENGINEER. THIS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO VERIFY OTHER LOCATIONS AS NEEDED.
23.

THE CONTRACTOR SHALL OPEN ONLY THAT SECTION OF TRENCH OR ACCESS PITS WHICH CAN BE BACKFILLED AND STABILIZED AT THE END OF EACH WORKING DAY. STEEL PLATES AND SAFETY SIGNAGE SHALL BE USED ON ANY TRENCH OR ACCESS PITS WHICH MUST REMAIN OPEN OVERNIGHT. THIS REQUIREMENT DOES NOT APPLY TO AREAS COMPLETELY CLOSED AND SECURE FROM VEHICULAR OR PEDESTRIAN TRAFFIC.
24.

CONTRACTOR SHALL PROVIDE ALL NECESSARY ADAPTER FITTINGS OR REDUCERS REQUIRED TO CONNECT TO EXISTING UTILITIES.
25.

THE CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF CONTRACT DRAWINGS ON WHICH THEY SHALL NOTE, IN RED, THE ALIGNMENTS AND INVERTS OF ALL UNDERGROUND UTILITIES INSTALLED OR ENCOUNTERED DURING THE PROSECUTION OF THE WORK. ALL DISCREPANCIES BETWEEN THE PLAN LOCATIONS AND ELEVATIONS OF BOTH THE EXISTING AND PROPOSED UTILITIES SHALL BE SHOWN ON THE AS-BUILT DRAWINGS TO BE MAINTAINED BY THE CONTRACTOR IN THE FIELD.
26.

IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PROVIDE SUFFICIENT INFORMATION TO THE CONTRACTOR TO COMPLETE THE WORK. ALL OTHER INCIDENTAL WORK REQUIRED BY THE DRAWINGS OR SPECIFICATIONS FOR WHICH NO PAYMENT IS SPECIFICALLY PROVIDED AND ANY WORK OR MATERIALS NOT THEREIN SPECIFIED WHICH ARE REQUIRED TO COMPLETE THE WORK AND WHICH MAY FAIRLY BE IMPLIED AS INCLUDED IN THE CONTRACT OR WHICH THE ENGINEER MAY JUDGE TO BE SO INCLUDED SHALL BE FURNISHED AND CONSTRUCTED BY THE CONTRACTOR.
27.

CONTRACTOR SHALL VERIFY EXISTING STORM DRAIN PIPE INVERTS AND CONFIRM ANY CONFLICTS WITH THE PROPOSED WATER AND SEWER MAINS. ANY ADDITIONAL BENDS REQUIRED TO AVOID CONFLICTS WITH EXISTING STORM DRAIN SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

WATER AND SEWER NOTES:

1.

INTERRUPTION OF WATER AND SEWER SERVICE SHALL BE MINIMIZED AND MAY NOT BE INTERRUPTED WITHOUT PRIOR NOTIFICATION AND APPROVAL FROM THE CITY OF ABERDEEN DEPARTMENT OF PUBLIC WORKS. ONE WEEK NOTICE OF WATER/SEWER SERVICE INTERRUPTION SHALL BE GIVEN TO ALL AFFECTED CUSTOMERS.
2.

WATER SERVICE TO ALL FIRE HYDRANTS SHALL BE MAINTAINED. IF A HYDRANT MUST BE TAKEN OUT OF SERVICE, IT'S TO BE MARKED PER THE DPW AND FIRE DEPARTMENTS REQUIREMENTS, AND PROMPT NOTICE MUST BE PROVIDED TO THE DPW AND FIRE DEPARTMENT. ADVANCED NOTICE IS NOT REQUIRED.
3.

ALL CHEMICALS, MATERIALS, MECHANICAL DEVICES, AND COATINGS IN CONTACT WITH POTABLE WATER SHALL COMPLY WITH NATIONAL SANITATION FOUNDATION/ AMERICAN NATIONAL STANDARDS INSTITUTE STANDARDS (NSF/ANSI) 60 AND 61 AND SHALL BE INERT, NONTOXIC, AND SHALL NOT IMPART ANY TASTE, ODOR, OR COLOR TO THE WATER.
4.

IN ACCORDANCE WITH TEN STATES STANDARDS, A MINIMUM TEN (10) FOOT HORIZONTAL AND EIGHTEEN (18) INCH VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN WATER MAINS AND SANITARY SEWER. WHEN IT IS IMPOSSIBLE TO OBTAIN THE MINIMAL 10 FOOT HORIZONTAL SEPARATION AND/OR 18 INCH VERTICAL SEPARATION BETWEEN WATER MAINS AND SANITARY SEWER, THE OFFICE OF DRINKING WATER MUST SPECIFICALLY APPROVE ANY VARIANCE SUPPORTED BY DATA FROM THE DESIGN ENGINEER.
5.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE APPROVAL AND ACCEPTANCE OF THE SANITARY SEWER AND WATER SYSTEMS BY THE CITY OF ABERDEEN UPON COMPLETION OF CONSTRUCTION.
6.

EXISTING SERVICES TO HOUSES ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH OWNERS TO VERIFY EXISTING SERVICES & CONFIRM NEW CONNECTION ROUTING.
7.

SEPARATE SANITARY SEWER SERVICE LATERALS SHALL BE PROVIDED FOR EACH RESIDENCE (I.E. TWO SERVICES FOR DUPLEXES). A CLEAN OUT WILL BE INSTALLED AT THE ROW ON EACH SEWER LATERAL. THIS NEW CLEANOUT AND THE LATERAL TO THE HOUSE WILL BE CONVEYED TO THE PROPERTY OWNER.
8.

NEW WATER METER AND PIT SHALL INSTALLED AT THE ROW LINE ON EACH WATER SERVICE. THE METER PIT WILL BELONG TO THE CITY, BUT THE WATER SERVICE TO THE HOUSE WILL BE CONVEYED TO THE PROPERTY OWNER. CONTRACTOR SHALL CONNECT TO EXISTING HOUSE CONNECTION OUTSIDE OF THE STRUCTURE. EXISTING METER AND PIT SHALL BE REMOVED.
9.

EXISTING SEWER SYSTEM SHALL REMAIN IN SERVICE UNTIL NEW SYSTEM IS INSTALLED AND TESTED. CONTRACTOR SHALL PROVIDE TEMPORARY CONNECTIONS AS REQUIRED.
10.

THE EXISTING 10" DUCTILE IRON WATER SYSTEM (ON ABERDEEN AVE. & VICTORY ST.) IS NOT CONNECTED TO THE EXISTING TRANSITE SYSTEM AND WILL REMAIN IN PLACE, TO BE CONNECTED TO THE NEW 8" PVC WATER SYSTEM. AT NO POINT SHOULD ANY SYSTEM BE CONNECTED TO THE EXISTING TRANSITE WATER SYSTEM, EVEN TEMPORARILY.
11.

CONTRACTOR IS CAUTIONED THAT THE EXISTING WATER DISTRIBUTION SYSTEM IS COMPRISED PRIMARILY OF ASBESTOS-CONTAINING MATERIAL. EXISTING PIPING SHALL BE ABANDONED IN PLACE WERE POSSIBLE. CARE SHOULD BE TAKEN TO MINIMIZE DISTURBANCE OF THE PIPING IN THE FIELD. WHEN REMOVING EXISTING PIPING, CONTRACTOR SHALL HANDLE AND DISPOSE OF ALL MATERIALS IN ACCORDANCE WITH APPLICABLE REGULATIONS AND BEST PRACTICES. WHEN EXPOSING EXISTING AC MAINS, CONTRACTOR SHALL ONLY USE VACUUM EXCAVATION OR HAND-DIG METHODS.
12.

STATIC PRESSURE IS 80 - 85 PSI, AND TEST PRESSURE IS 200 PSI AT THE HIGHEST ELEVATION.
13.

EXISTING WATER METERS ARE TO BE PRESERVED AND REUSED ONCE METER YOKE AND SERVICE ARE REPLACED.
14.

EXISTING HYDRANTS CONNECTED TO TRANSITE LINES ARE TO BE REMOVED.
15.

UTILITIES TO BE LOCATED PRIOR TO START OF WORK.
16.

CONTRACTOR TO CONTACT ALL UTILITIES CONCERNING RELOCATIONS AND / OR UPGRADES OF WORK.

PROFESSIONAL CERTIFICATION

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. 3878

EXPIRATION DATE 06-15-28

STATE OF MARYLAND

DEPARTMENT OF TRANSPORTATION

OFFICE OF PROFESSIONAL ENGINEERS

2024

601 N. EIGHTH STREET, SUITE 200

BALTIMORE, MD 21202

Signature

DATE

Drafting: TJG

Check: DRS

Design: TJG

Check: DRS

SCALE: AS NOTED

DATE: 06-14-2026

KCI JOB #: 13158575 SM

SHEET: G-0.02

GENERAL NOTES

SWAN MEADOWS WATER & SEWER IMPROVEMENTS

ABERDEEN

HARFORD COUNTY

MARYLAND

KCI TECHNOLOGIES, INC.

ENGINEERS · PLANNERS · SURVEYORS

614 N. DuPont Highway, Suite 100 Dover DE 19901

PHONE: (302) 471-5599 FAX: (302) 731-7607 Website: www.kci.com

0

SCALE - PLAN:

OWNER/DEVELOPER:

60 NORTH PARK STREET

ABERDEEN, MD 211

PH: (410) 273-7402

FX: (410) 273-7402

2026-06-14

DATE

RESERVED FOR BID

REVISION

CONSTRUCTION SET

THE FOLLOWING SEQUENCE OF CONSTRUCTION IS SUGGESTED WITH THE GOAL OF MINIMIZING DISRUPTION TO THE COMMUNITY AND SURROUNDING AREA TO THE EXTENT POSSIBLE. ALL NEW UTILITIES SHALL BE INSTALLLED AND TESTED, OLD UTILITIES SHALL BE REMOVED OR ABANDONED, AND THE AREA RESTORED (PAVED) AS SOON AS POSSIBLE. THE PROJECT SHALL BE PHASED TO MINIMIZE THE TOTAL AREA DISTURBED AT ANY GIVEN TIME. TYPICAL UTILITY INSTALLATION ORDER SHALL BE SANITARY SEWER, WATER, FOLLOWED BY IMMEDIATE RESTORATION OF EACH PHASE PRIOR TO PROCEEDING TO THE NEXT PHASE. THE CONTRACTOR MAY SUBMIT AN ALTERNATE SEQUENCE FOR REVIEW AND CONSIDERATION BUT MUST ACHIEVE A SIMILAR OR REDUCED LEVEL OF DISRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY PROVISIONS REQUIRED TO MAINTAIN SERVICE TO USERS AT ALL TIMES. THE 10" LINE ON ABERDEEN AVE IS THE BACKBONE OF THE NEW SYSTEM. THE 10" STUB ON SWAN ST IS AT THE INTERSECTION WITH ABERDEEN AVE. ALL PIPING TO BE ABANDONED IN PLACE SHALL BE FILLED WITH FLOWABLE FILL AND CAPPED WHERE APPLICABLE. WATER MAIN SERVICES TO HOMES CANNOT BE CONNECTED TO NEW MAINS UNTIL THE NEW MAINS ARE CONNECTED TO ABERDEEN AVE. THE NEW SYSTEM MUST NEVER BE CONNECTED TO THE TRANSITE MAIN, EVEN TEMPORARILY.

SEQUENCE OF CONSTRUCTION

1. DELINEATE LOD CLEARLY IN THE FIELD PRIOR TO PRE CONSTRUCTION MEETING.
2. CONTACT THE CITY INSPECTOR MATTHEW BOSAK (410) 272-1600 EXTENSION 263 AT LEAST 48 HOURS PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES. A PRE-CONSTRUCTION MEETING WILL BE ARRANGED AT THE PROJECT SITE UNLESS WAIVED BY THE PROPER AUTHORITY. FAILURE TO NOTIFY THE DEPARTMENT MAY EXPOSE THE OWNER/DEVELOPER TO ADDITIONAL WORK.
3. CONTACT THE CITY INSPECTOR FOR AN INSPECTION OF EROSION AND SEDIMENT CONTROLS.
4. UPON APPROVAL OF INSTALLATION OF THE EROSION AND SEDIMENT CONTROLS FROM THE CITY INSPECTOR, COMMENCE CONSTRUCTION.

PHASE 1 - DEFENSE DRIVE & SWAN STREET

DEFENSE DRIVE SERVES AS THE PRIMARY OUTFALL FOR SANITARY SEWER. CONTRACTOR SHALL MAKE TEMPORARY CONNECTIONS AS NEEDED TO MAINTAIN SERVICE TO THE ENTIRE COMMUNITY AT ALL TIMES.

SANITARY SEWER:

GENERAL: SAW CUT ROADWAY AS REQUIRED FOR SANITARY SEWER INSTALLATION. INSTALL SANITARY SEWER AND TEST AS REQUIRED. OBTAIN APPROVAL FROM THE CITY BEFORE TYPING INTO THE EXISTING SEWER AND INSTALLING NEW SEWER LATERALS. WHEN INSTALLING SEWER LATERALS, INSTALL EACH LATERAL AND STABILIZE IN THE SAME SHIFT. RESTORE ROADWAY TEMPORARILY WITH COLD PATCH UNTIL FINAL PAVING CAN TAKE PLACE.

1. INSTALL SANITARY SEWER FROM MH A-12 (STUB OUT BOTH SIDES) TO D-01. TEST ALL PIPING AND MH'S.
2. INSTALL BYPASS PUMPING FROM EX. MH 0199 TO MH 0217.
3. INSTALL SANITARY SEWER FROM A-13 TO A-15. TEST ALL PIPING AND MH'S.
4. CONNECT USERS TO NEW SEWER ON DEFENSE DRIVE.
5. COMPLETE DOGHOUSE MH T-1 FLOW CHANNEL. FLOW CHANNEL TO REDIRECT FLOW TO MH A-12. PLUG FLOW FROM MH 204.
6. REMOVE BYPASS PUMPING FROM EX. MH 0199 TO MH 0217.
7. REMOVE OR ABANDON EX. SEWER IN PLACE ALONG DEFENSE DRIVE FROM SWAN STREET TO END.
8. INSTALL SANITARY SEWER FROM J-01 TO STUBBED OUT A-12. TEST ALL PIPING AND MH'S.
9. INSTALL BYPASS PIPING FROM STUBBED OUT A-08 TO ADJACENT EXISTING MH AT INTERSECTION OF ABERDEEN AVENUE AND SWAN STREET.

10. CONNECT USERS TO NEW SEWER ON SWAN STREET AND ABERDEEN AVENUE
11. REMOVE OR ABANDON EX. SEWER IN PLACE ALONG SWAN STREET FROM ABERDEEN AVENUE TO DEFENSE DRIVE.

WATER MAIN:

GENERAL: SAW CUT ROADWAY AS REQUIRED FOR WATER MAIN INSTALLATION. INSTALL WATER MAINS AND TEST AS REQUIRED. RESTORE ROADWAY TEMPORARILY WITH COLD PATCH UNTIL FINAL PAVING CAN TAKE PLACE. OBTAIN CITY APPROVAL BEFORE CONNECTING TO EXISTING WATER MAINS AND/OR WATER SERVICES.

1. INSTALL WATER MAIN FROM DEFENSE DRIVE TO THE INTERSECTION OF SWAN STREET (STUB OUT END VALVE ON SOUTHERN SIDE OF TEE). CONTINUE INSTALLING WATER MAIN ON SWAN STREET TO APPROXIMATELY 20 FT FROM THE EXISTING STUB.
2. BACTERIA AND PRESSURE TEST MAIN.
3. CONNECT TO EXISTING 10 INCH STUB ON SWAN STREET.
4. INSTALL NEW SERVICES, METER PITS AND CONNECT TO HOMES.
5. INSTALL MAIN ON EAST BEL AIR AVENUE.
6. ABANDON EX. WATER MAIN IN AREA OF REPLACEMENT.

PAVEMENT AND RESTORATION:

ONCE ALL UTILITIES ARE COMPLETE WITHIN THE LIMITS OF PAVING, PERFORM ALL RESTORATION WITHIN THE ROADWAY AND FINAL PAVEMENT.

PHASE 2 - SWAN STREET

SANITARY SEWER:

1. INSTALL SANITARY SEWER FROM THE STUB OUT AT MH A-12 TO THE TERMINAL MANHOLE AT ABERDEEN BLVD MID C-01. INSTALL STUB FROM MH C-02 INTO VICTORY ST. BEYOND THE INTERSECTION AND CAP FOR CONNECTION IN FUTURE PHASE. TEST ALL PIPING AND MH'S.
2. CONNECT USERS TO NEW SEWER ON SWAN STREET.
3. REMOVE OR ABANDON EX. SEWER IN PLACE ALONG SWAN STREET FROM LOT #183 SWAN STREET TO INTERSECTION OF SWAN STREET AND DEFENSE DRIVE.
4. REMOVE DOGHOUSE MH T-1.

WATER MAIN:

1. INSTALL WATER MAIN FROM FIRE HYDRANT TEE AT ABERDEEN BLVD TO DEFENSE DRIVE.
2. BACTERIA AND PRESSURE TEST MAIN.
3. TIE-IN WATER MAIN AT DEFENSE DRIVE.
4. INSTALL NEW SERVICES, METER PITS AND CONNECT TO HOMES.
5. INSTALL NEW MAIN ON ABERDEEN BLVD AND CONNECT NEW MAIN ON SWAN STREET.
6. ABANDON EX. WATER MAIN IN AREA OF REPLACEMENT.

PAVEMENT AND RESTORATION:

ONCE ALL UTILITIES ARE COMPLETE WITHIN THE LIMITS OF PAVING, PERFORM ALL RESTORATION WITHIN THE ROADWAY AND FINAL PAVEMENT.

PHASE 3 - ABERDEEN AVE.

PHASE 3 SHALL FOLLOW THE SAME GENERAL SEQUENCE, HOWEVER, EXISTING 10" WATER MAIN ON ABERDEEN AVE SHALL REMAIN IN SERVICE.

SANITARY SEWER:

1. INSTALL SANITARY SEWER FROM MH B-01 TO THE STUB OUT OF MH A-08. TEST ALL PIPING AND MH'S.
2. CONNECT USERS TO NEW SEWER ON ABERDEEN AVENUE.
3. INSTALL NEW BYPASS CONNECTION FROM MH A-07 TO EX. MH AT THE INTERSECTION OF ABERDEEN AVENUE AND LIBERTY STREET.
4. ABANDON EX. SANITARY SEWER IN AREA OF REPLACEMENT.

PAVEMENT AND RESTORATION:

ONCE ALL UTILITIES ARE COMPLETE WITHIN THE LIMITS OF PAVING, PERFORM ALL RESTORATION WITHIN THE ROADWAY AND FINAL PAVEMENT.

PHASE 4 - VICTORY ROAD AND CHESAPEAKE COURT

SANITARY SEWER:

1. INSTALL SANITARY SEWER FROM STUB OUT OF MH C-02 TO MH E-03. INSTALL SANITARY SEWER FROM MH H-01 TO MH E-04 AND MH G-01 TO MH E-05. TEST ALL PIPES AND MH'S.
2. CONNECT USERS TO NEW SEWER.
3. ABANDON EX. SANITARY SEWER IN AREA OF REPLACEMENT.

WATER MAIN:

1. INSTALL WATER MAIN ON VICTORY STREET FROM SWAN STREET TO INTERSECTION OF VICTORY STREET AND ABERDEEN AVENUE.
2. BACTERIA AND PRESSURE TEST MAIN.
3. TIE-IN TO EXISTING STUBS AT ABERDEEN AVENUE AND SWAN STREET.
4. INSTALL NEW SERVICES, METER PITS AND CONNECT TO HOMES.
5. INSTALL WATER MAIN ON VICTORY STREET FROM LIBERTY STREET TO 20 FT PRIOR TO STUB. INSTALL WATER MAIN ON CHESAPEAKE COURT TO 20 FT IN FRONT OF STUB.
6. BACTERIA AND PRESSURE TEST MAIN.
7. TIE-IN TO EXISTING STUB AT CHESAPEAKE COURT THEN TIE-IN TO EXISTING STUB ON VICTORY STREET AT CHESAPEAKE COURT.
8. INSTALL NEW SERVICES, METER PITS AND CONNECT TO HOMES.

PAVEMENT AND RESTORATION:

ONCE ALL UTILITIES ARE COMPLETE WITHIN THE LIMITS OF PAVING, PERFORM ALL RESTORATION WITHIN THE ROADWAY AND FINAL PAVEMENT.

PHASE 5 - LIBERTY STREET

SANITARY SEWER:

1. INSTALL SANITARY SEWER FROM MH A-01 TO STUB AT MH A-07.
2. TEST ALL PIPING AND MH'S.
3. TIE-IN TO STUB AT MH A-07.
4. CONNECT USERS TO NEW SEWER.
5. REMOVE BYPASS OUTSIDE OF MH A-07.
6. INSTALL SANITARY SEWER FROM MH E-01 TO MH E-03.
7. TEST ALL PIPING AND MH'S.
8. TIE-IN TO STUB AT MH E-03.
9. CONNECT USERS TO NEW SEWER.
10. ABANDON EX. SANITARY SEWER IN AREA OF REPLACEMENT.

WATER MAIN:

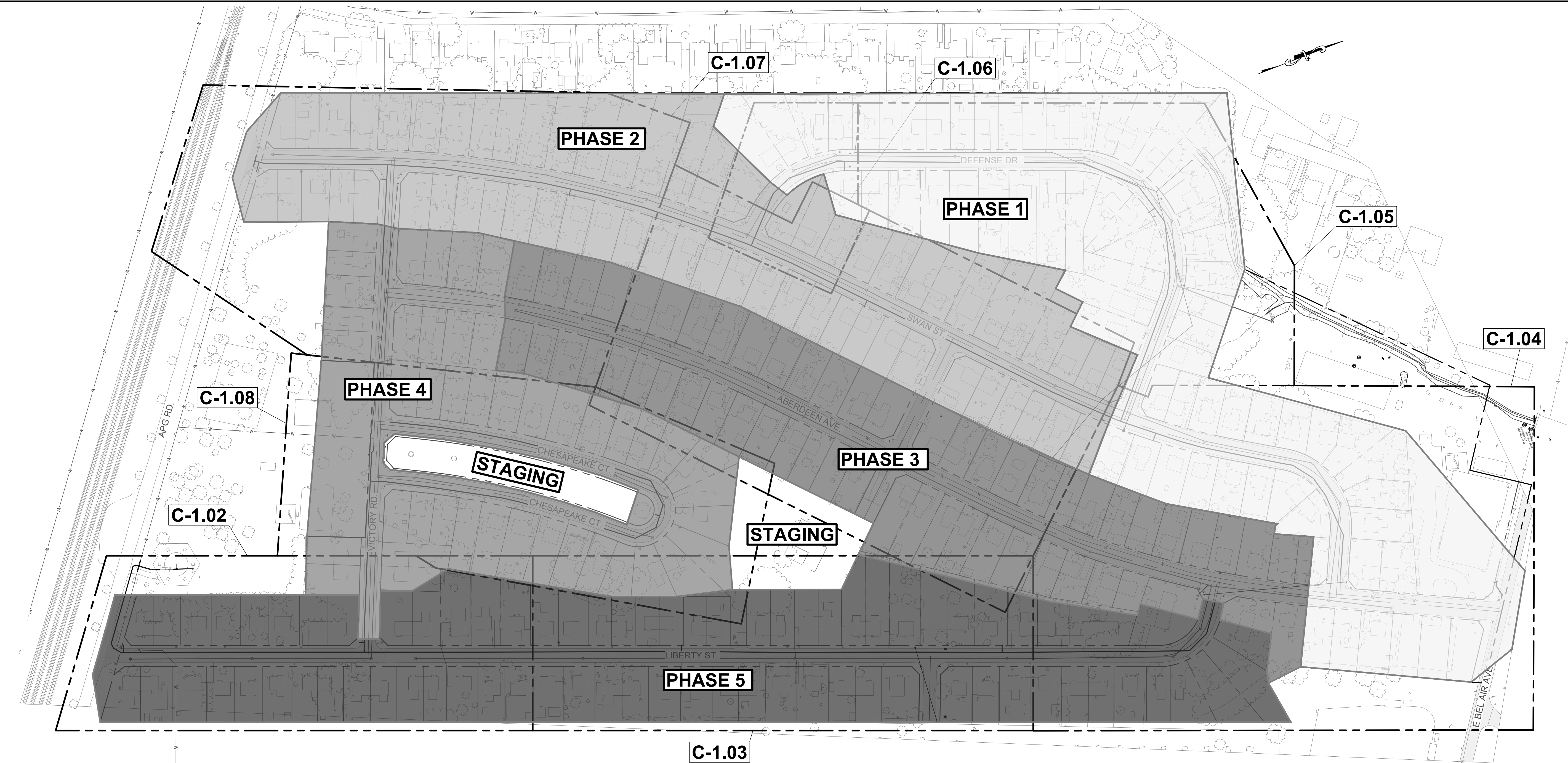
1. INSTALL WATER MAIN ON LIBERTY STREET.
2. BACTERIA AND PRESSURE TEST MAIN.
3. TIE-IN TO EXISTING STUB AT THE INTERSECTION OF LIBERTY STREET AND ABERDEEN AVENUE.
4. MAKE SOUTHERN CONNECTION AT EXISTING WATER TOWER.
5. INSTALL WATER MAIN ON NORTHERN SIDE OF ALTITUDE VALVE AT EXISTING WATER TOWER.
6. INSTALL NEW SERVICES, METER PITS AND CONNECT TO HOMES.
7. MAKE FINAL ABANDONMENT AT ALTITUDE VALVE.

PAVEMENT AND RESTORATION:

ONCE ALL UTILITIES ARE COMPLETE WITHIN THE LIMITS OF PAVING, PERFORM ALL RESTORATION WITHIN THE ROADWAY AND FINAL PAVEMENT.

PHASE 6 - FINAL UTILITY REMOVAL/ABANDONMENT AND FINAL RESTORATION

1. FOLLOWING COMPLETION OF ALL NEW UTILITY INSTALLATION AND CONNECTION TO EXISTING USERS, CONTRACTOR SHALL COMPLETE REMOVAL OR ABANDONMENT OF EXISTING SANITARY SEWER, WATER MAIN AS NECESSARY.
2. CONTRACTOR SHALL PERFORM ALL FINAL RESTORATION OF DISTURBED AREAS OUTSIDE OF THE LIMITS OF PAVEMENT INCLUDING DRIVEWAY RESTORATION, FINAL GRADING, TOPSOIL, SEED, MULCH, LANDSCAPING, ETC.
3. AFTER FINAL GRADING, SCHEDULE AN INSPECTION WITH THE SEDIMENT CONTROL INSPECTOR. UPON APPROVAL FROM THE INSPECTOR, REMOVE REMAINING E&S CONTROLS AND STABILIZE AREA.



NOTE:

PHASING PLAN AS SHOWN IS SUGGESTED SEQUENCE OF CONSTRUCTION. CONTRACTOR MAY PROPOSE ALTERNATE SEQUENCE BUT MUST MINIMIZE TOTAL AREA OF DISTURBANCE.

KEY / SITE PLAN

SCALE: 1"= 100'

CONSTRUCTION SET

OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402
FAX: (410) 273-7402

DATE: 2026.08.14

OVERALL SITE PLAN / KEY SHEET

SWAN MEADOWS WATER & SEWER IMPROVEMENTS

ABERDEEN HARMOD COUNTY MARYLAND

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. 31783
EXPIRATION DATE: 03-31-28

SIGNATURE:
Drafting: TJG Check: DRS
Design: TJG Check: DRS
SCALE: 1"=100'
DATE: 08-14-2026
KCI JOB #: 13158575 SM
SHEET: C-1.01

KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE: (302) 747-5999 FAX: (302) 731-7507 Website: www.kci.com

100' 0' 100' 200'

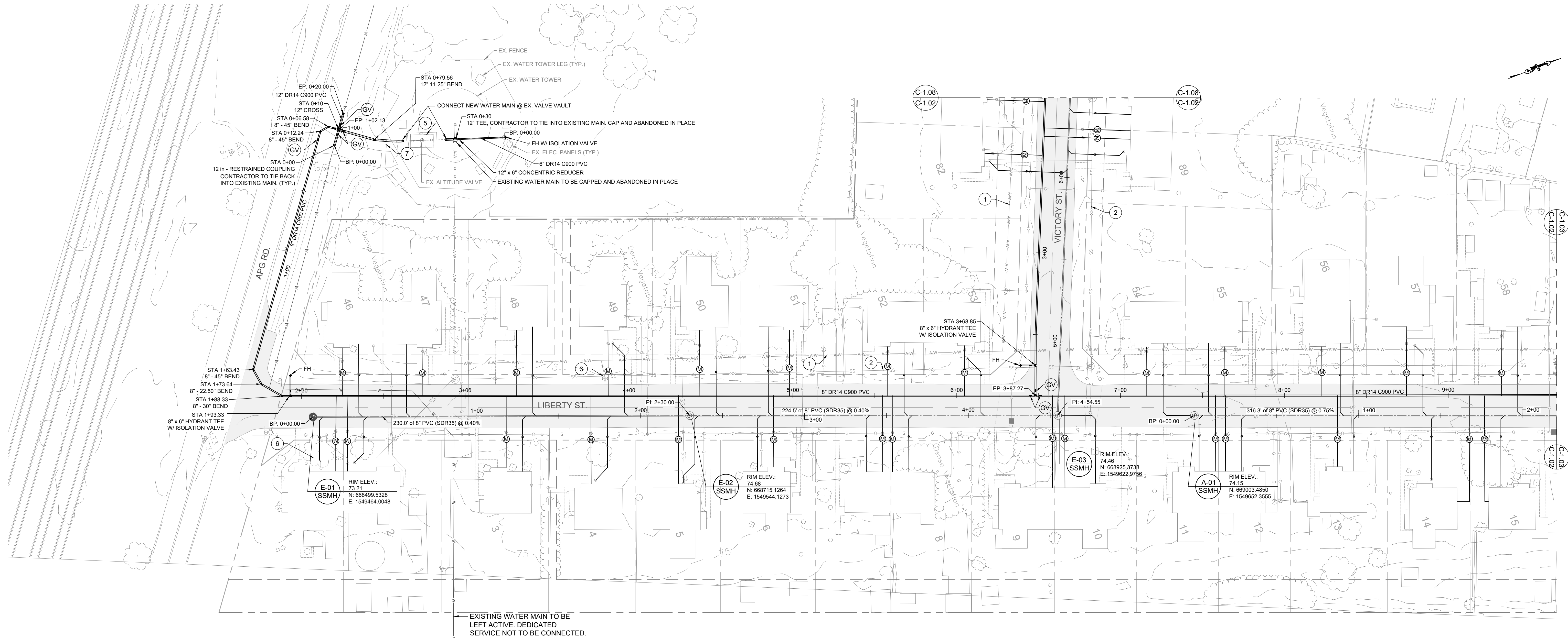
SCALE - PLAN: 1"= 100'

2026.08.14

DATE

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- GENERAL NOTES:**
- EXISTING WATER MAIN TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
 - EXISTING SEWER MAINS TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
 - EXISTING FIRE HYDRANTS TO BE REMOVED BACK TO ISOLATION VALVE. CAP & ABANDON PIPE IN PLACE.
 - EX. WATER MAIN & SERVICES ON ABERDEEN AVE. TO REMAIN.
 - CONTRACTOR TO REPLACE EX. 12" WATER MAIN FROM ABERDEEN BLVD. TO VALVE VAULT (VAULT, VALVES, AND BY PASS TO REMAIN), THEN REPLACE EX. FROM VAULT TO HYDRANT.
 - CONTRACTOR TO TEST PIT SEWER SERVICE PRIOR TO BEGINNING PHASE 5.
 - CONTRACTOR TO CUT AND CAP EXISTING WATER MAIN AS SHOWN.
 - DEFENSE DRIVE AND LIBERTY STREET ARE ONE-WAY STREETS. TRAFFIC FLOWS TOWARD SOUTHWEST DIRECTION.



PLAN VIEW
SCALE: 1" = 30'

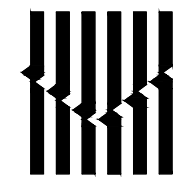
**CONSTRUCTION
SET**

PROFESSIONAL CERTIFICATION
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DAILY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 31783
EXPIRATION DATE: 08-14-2026

SIGNATURE: _____
Drafting: TJG Check: DRS
Design: TJG Check: DRS
SCALE: 1"=30'
DATE: 08-14-2026
KCI JOB #: 13158575 SM
SHEET: C-1.02

**WATER & SEWER PLAN VIEW
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS**

ABERDEEN HARMOD COUNTY MARYLAND



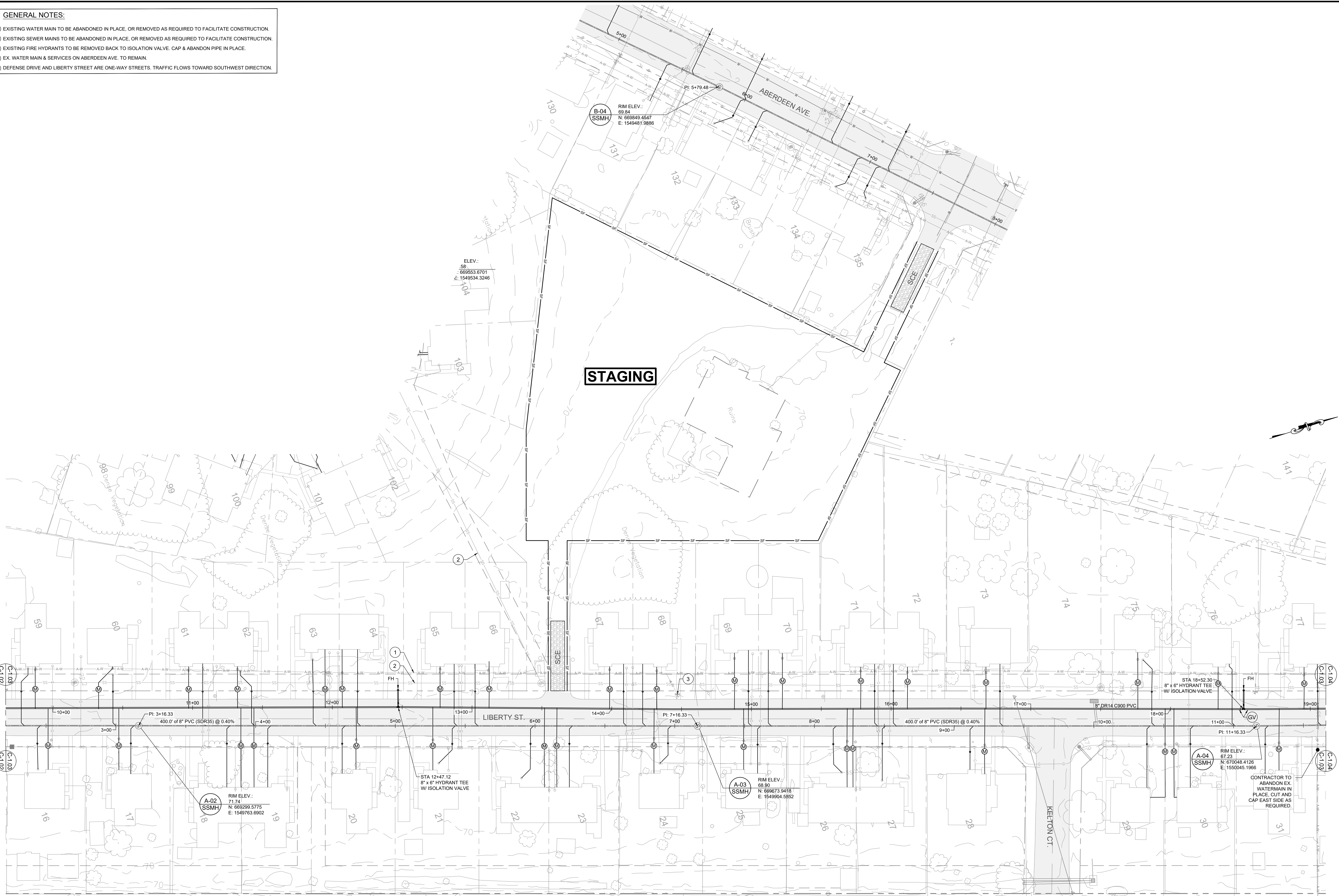
KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE: (302) 747-5999 FAX: (302) 713-7607 Website: www.kci.com



OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402

2026-08-14
DATE
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REVISION

- GENERAL NOTES:
- EXISTING WATER MAIN TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
 - EXISTING SEWER MAINS TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
 - EXISTING FIRE HYDRANTS TO BE REMOVED BACK TO ISOLATION VALVE. CAP & ABANDON PIPE IN PLACE.
 - EX. WATER MAIN & SERVICES ON ABERDEEN AVE. TO REMAIN.
 - DEFENSE DRIVE AND LIBERTY STREET ARE ONE-WAY STREETS. TRAFFIC FLOWS TOWARD SOUTHWEST DIRECTION.



PLAN VIEW
SCALE: 1" = 30'

CONSTRUCTION
SET

OWNER/DEVELOPER: 60 NORTH PARK STREET ABERDEEN, MD 211 PH: (410) 273-7402 FX: (410) 273-7402		2025.08.14 DATE	
KCI TECHNOLOGIES, INC. ENGINEERS - PLANNERS - SURVEYORS 614 N. DuPont Highway, Suite 100 Dover DE 19901 PHONE: (302) 747-5999 FAX: (302) 773-7507 Website: www.kci.com		2025.08.14 DATE	
WATER & SEWER PLAN VIEW SWAN MEADOWS WATER & SEWER IMPROVEMENTS HARFORD COUNTY ABERDEEN MARYLAND			
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.: 32783 EXPIRATION DATE: 08-15-25			
SIGNATURE: Drafting: TJG Check: DRS Design: TJG Check: DRS SCALE: 1"=30' DATE: 08-14-2026 KCI JOB #: 13158575 SM SHEET: C-1.03			

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- GENERAL NOTES:**
- WATER SERVICE ON ABERDEEN AVE BETWEEN LIBERTY AND E. BEL AIR, MAY NEED TO BE CONNECTED TO THE 10" IF NOT ALREADY.
- EXISTING WATER MAIN TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
 - EXISTING SEWER MAINS TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
 - EXISTING FIRE HYDRANTS TO BE REMOVED BACK TO ISOLATION VALVE. CAP & ABANDON PIPE IN PLACE.
 - EX. WATER MAIN & SERVICES ON ABERDEEN AVE, TO REMAIN.
 - DEFENSE DRIVE AND LIBERTY STREET ARE ONE-WAY STREETS. TRAFFIC FLOWS TOWARD SOUTHWEST DIRECTION.

- TEMPORARY CONSTRUCTION NOTES:**
- INSTALL TEMPORARY 8" BYPASS PIPING TO EX. MH # 0196 AT EL.: 60.95 TO PROPOSED MH # A-07 AT EL.: 60.55.
 - INSTALL TEMPORARY DOG HOUSE MH OVER EXISTING SS MAIN.
 - INSTALL TEMPORARY 8" BYPASS PIPING FROM PROPOSED DOG HOUSE MH TO PROPOSED MH # A-08 AT EL.: 60.45.
 - PLUG EXISTING CONNECTION TOWARDS DEFENSE DRIVE.

PLAN VIEW
SCALE: 1" = 30'

CONSTRUCTION SET

OWNER/DEVELOPER: 60 NORTH PARK STREET ABERDEEN, MD 211 PH: (410) 273-7402 FX: (410) 273-7402		KCI TECHNOLOGIES, INC. ENGINEERS - PLANNERS - SURVEYORS 614 N. DuPont Highway, Suite 100 Dover DE 19901 PHONE: (302) 747-5999 FAX: (302) 773-7507 Website: www.kci.com		2025-08-14 DATE	REISSUED FOR BID REVISION
WATER & SEWER PLAN VIEW SWAN MEADOWS WATER & SEWER IMPROVEMENTS ABERDEEN HARMOD COUNTY MARYLAND					
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.: 30783 EXPIRATION DATE: 03-31-2026 SIGNATURE: _____ Drafting: TJG Check: DRS Design: TJG Check: DRS SCALE: 1" = 30' DATE: 08-14-2026 KCI JOB #: 13158575 SM SHEET: C-1.04					

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GENERAL NOTES:

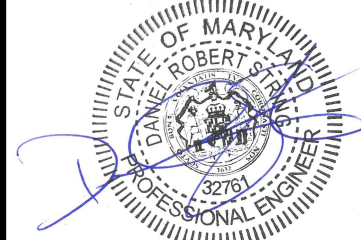
- EXISTING WATER MAIN TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
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- EXISTING FIRE HYDRANTS TO BE REMOVED BACK TO ISOLATION VALVE. CAP & ABANDON PIPE IN PLACE.
- EX. WATER MAIN & SERVICES ON ABERDEEN AVE. TO REMAIN.

PLAN VIEW

SCALE: 1" = 30'

CONSTRUCTION SET

PROFESSIONAL CERTIFICATION
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THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 31753
EXPIRATION DATE: 03-31-2026



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SCALE: 1"=30'
DATE: 08-14-2026
KCI JOB #: 13158575.SM
SHEET: C-1.07

WATER & SEWER PLAN VIEW
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

ABERDEEN HARMOD COUNTY MARYLAND

KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE: (302) 747-5595 FAX: (302) 713-7507 Website: www.kci.com

OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402

2025-08-14
DATE
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REVISION

30' 0' 30' 60'
SCALE: PLAN: 1"=30'



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GENERAL NOTES:

- EXISTING WATER MAIN TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
- EXISTING SEWER MAINS TO BE ABANDONED IN PLACE, OR REMOVED AS REQUIRED TO FACILITATE CONSTRUCTION.
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- EX. WATER MAIN & SERVICES ON ABERDEEN AVE. TO REMAIN.

PLAN VIEW
SCALE: 1" = 30'

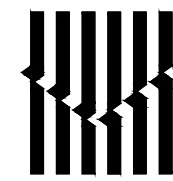
CONSTRUCTION
SET

PROFESSIONAL CERTIFICATION
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DAILY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 31783
EXPIRATION DATE: 03-31-2028

SIGNATURE: _____
Drafting: TJG Check: DRS
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SCALE: 1"=30'
DATE: 08-14-2026
KCI JOB #: 13158575 SM
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WATER & SEWER PLAN VIEW
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

ABERDEEN HARMOD COUNTY MARYLAND

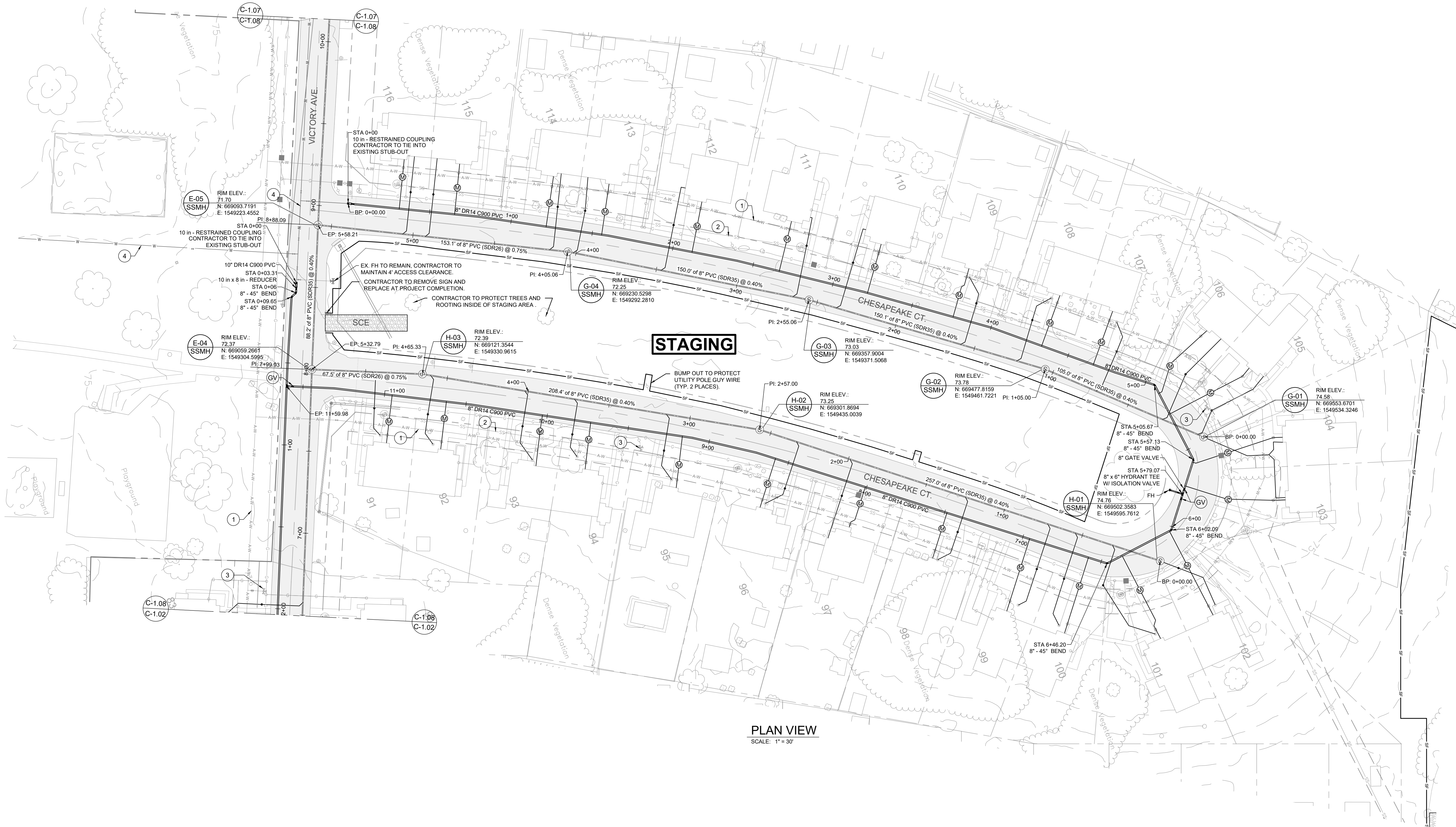


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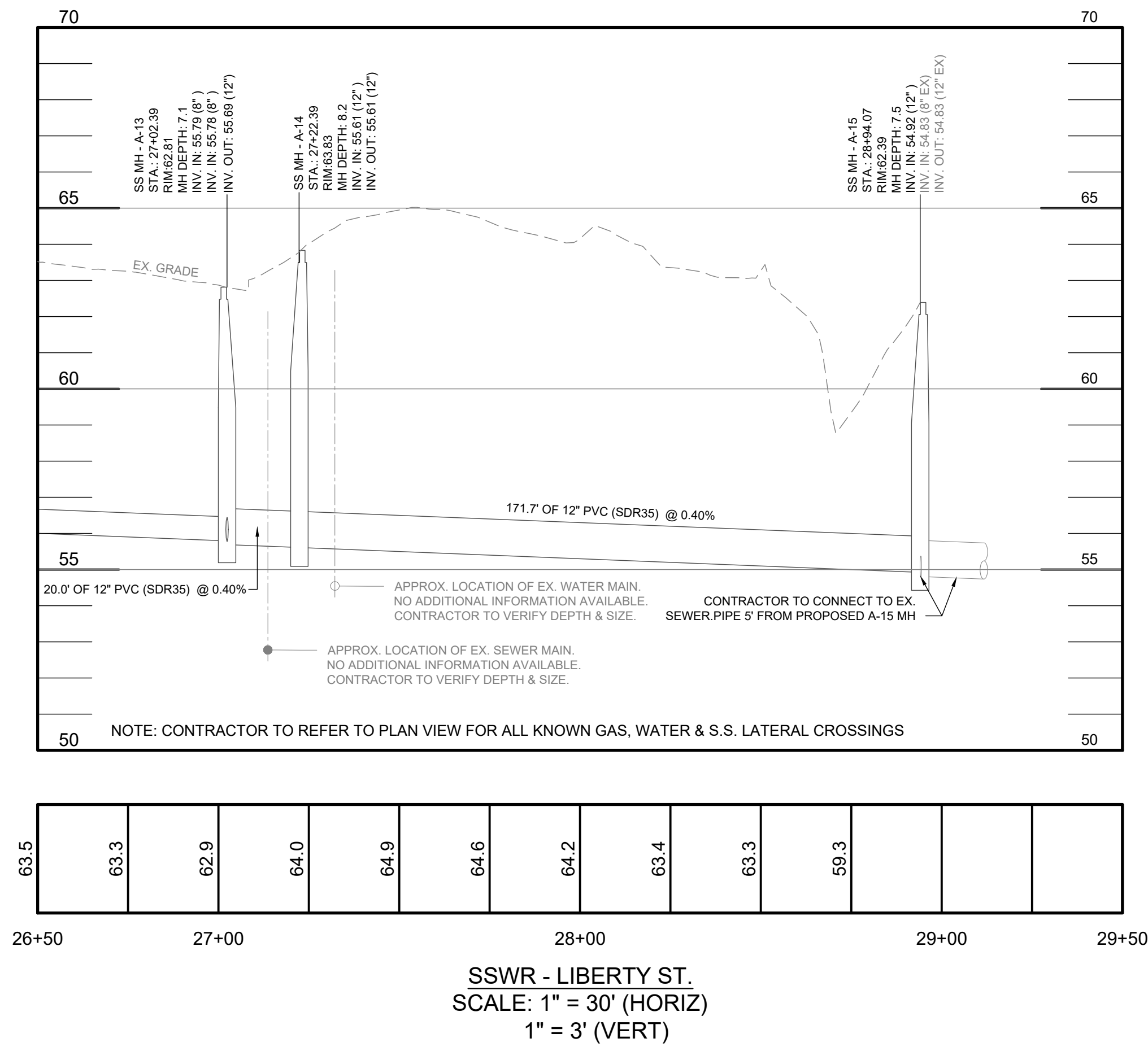
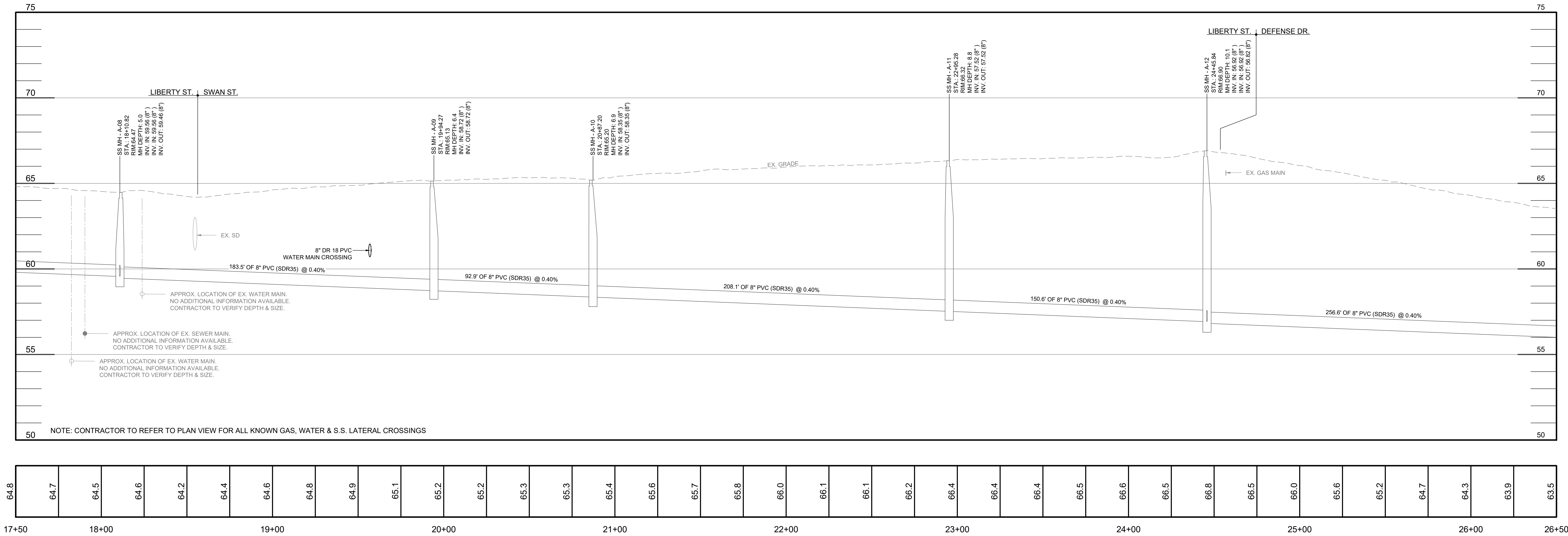
OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402



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CONSTRUCTION
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LICENSE NO. 31783
EXPIRATION DATE 08-15-28

SEWER PROFILE VIEWS
SWAN MEADOWS WATER & SEWER IMPROVEMENTS
ABERDEEN HARBOR COUNTY MARYLAND

SIGNATURE: _____
Drafting: TJG Check: DRS
Design: TJG Check: DRS
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DATE: 08-14-2026
KCI JOB #: 13158575 SM
SHEET: C-2.02

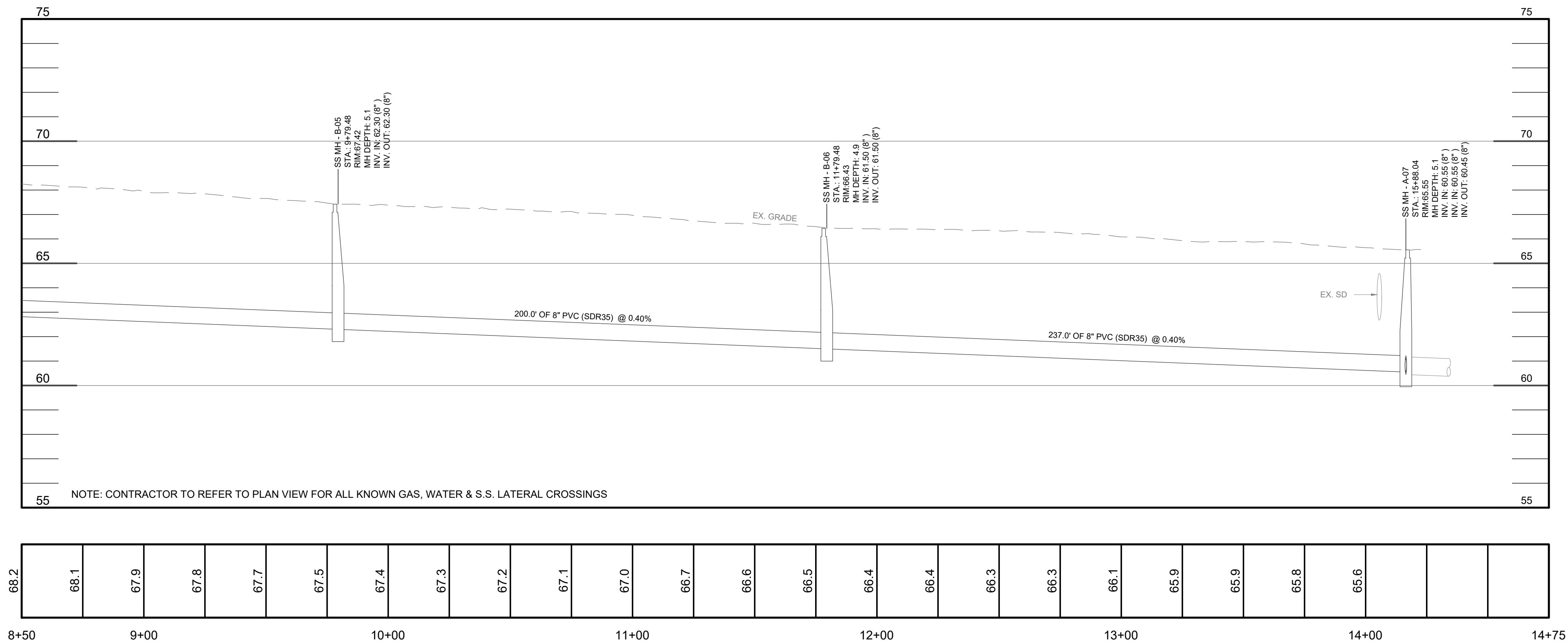
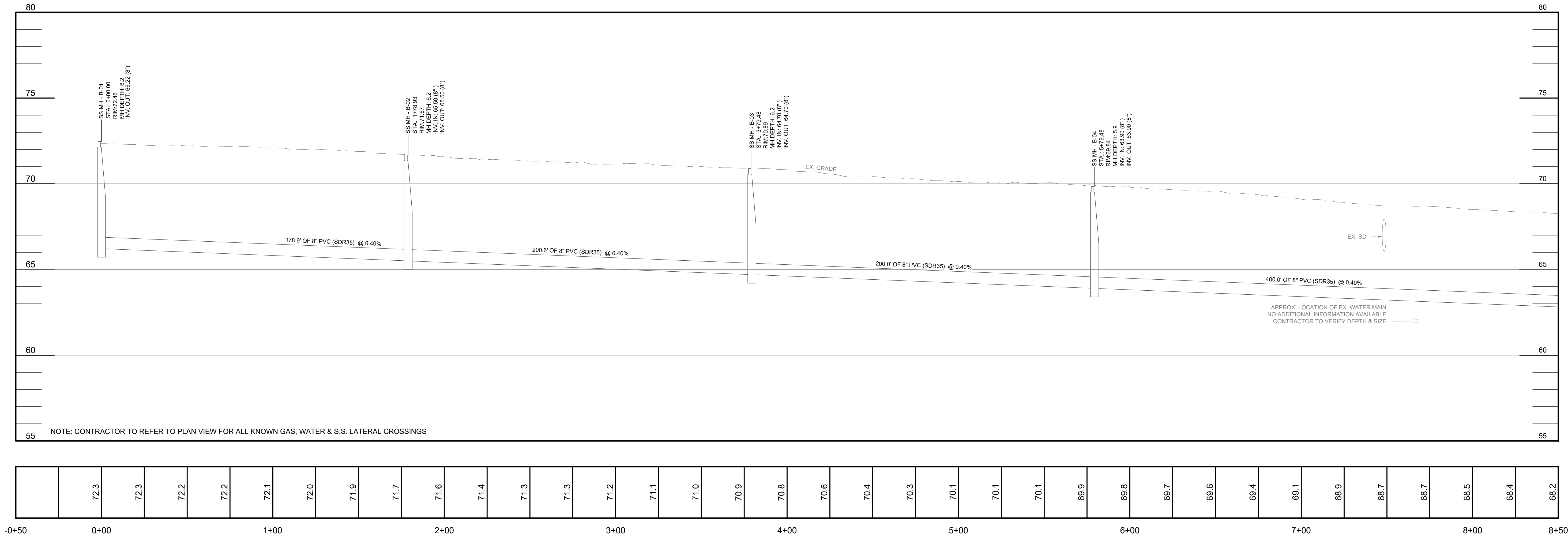
KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway Suite 100 Dover DE 19901
PHONE: (302) 747-5999 FAX: (302) 773-7607 Website: www.kci.com

OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402
FX: (410) 273-7402

DATE: 2026.08.14
REVISION: FOR BID



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SSWR-ABERDEEN AVE.
SCALE: 1" = 30' (HORIZ)
1" = 3' (VERT)

CONSTRUCTION
SET

PROFESSIONAL CERTIFICATION
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DAILY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 31781
EXPIRATION DATE: 08-15-28

SEWER PROFILE VIEWS
SWAN MEADOWS WATER & SEWER IMPROVEMENTS
HARFORD COUNTY
MARYLAND
ABERDEEN

SIGNATURE: _____
Drafting: TJG Check: DRS
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KCI JOB #: 13158575 SM
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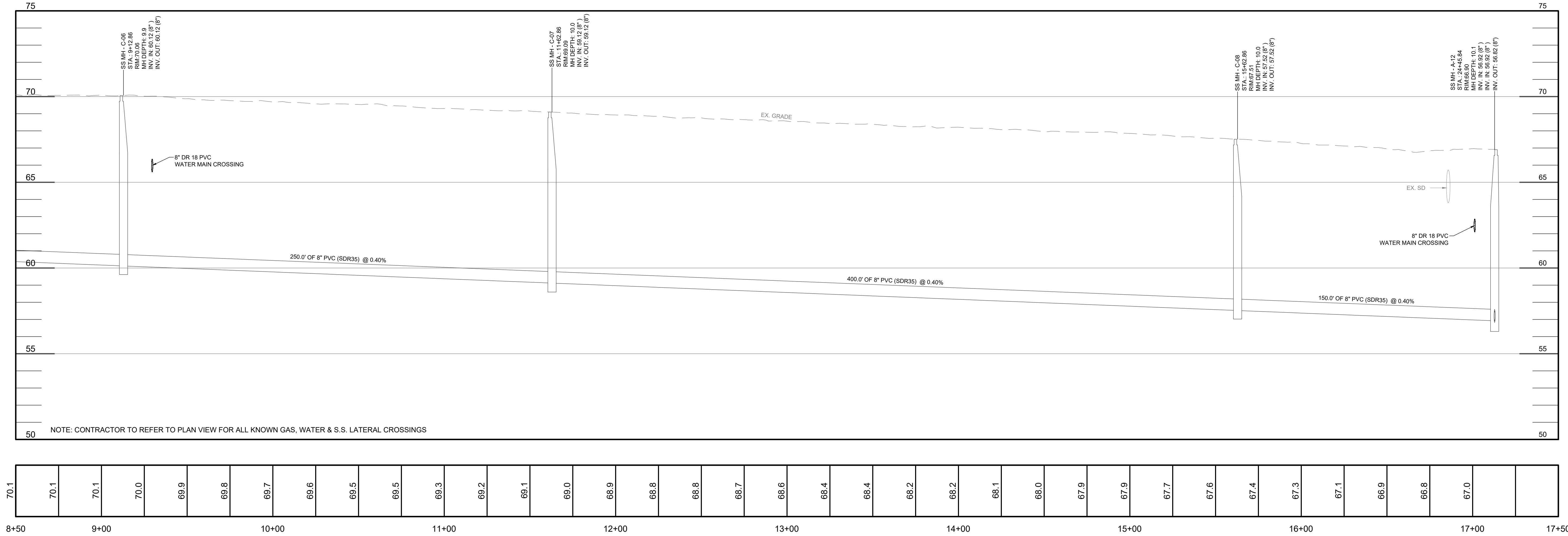
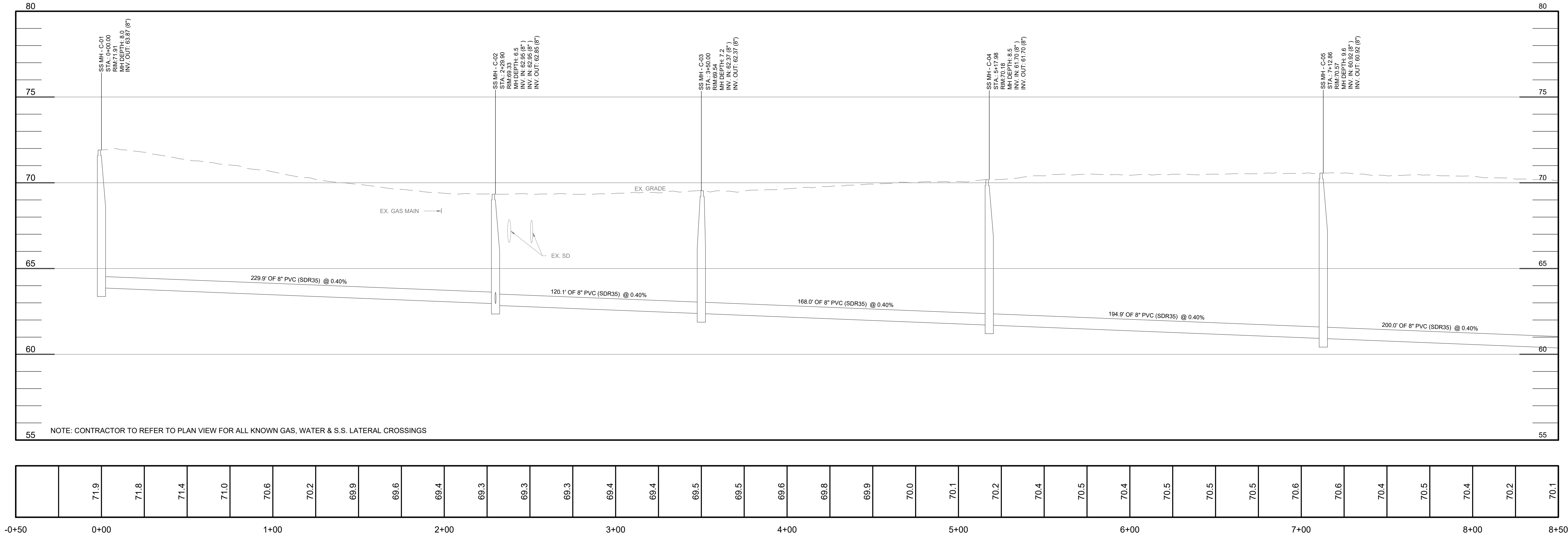
KCI TECHNOLOGIES, INC.
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OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402
FX: (410) 273-7402

DATE: 2026.08.14
REVISION: FOR BID

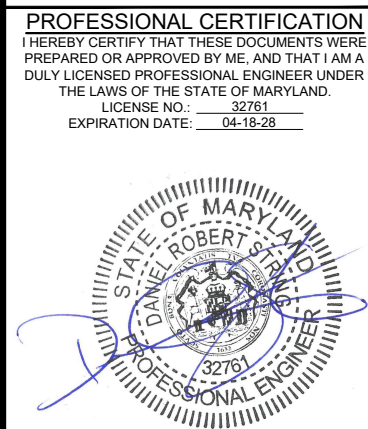


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SCALE: 1" = 30' (HORIZ)
1" = 3' (VERT)

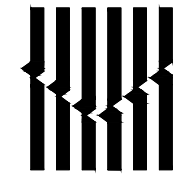
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KCI JOB #: 13158575 SM
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SEWER PROFILE VIEWS
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

ABERDEEN HARFORD COUNTY MARYLAND



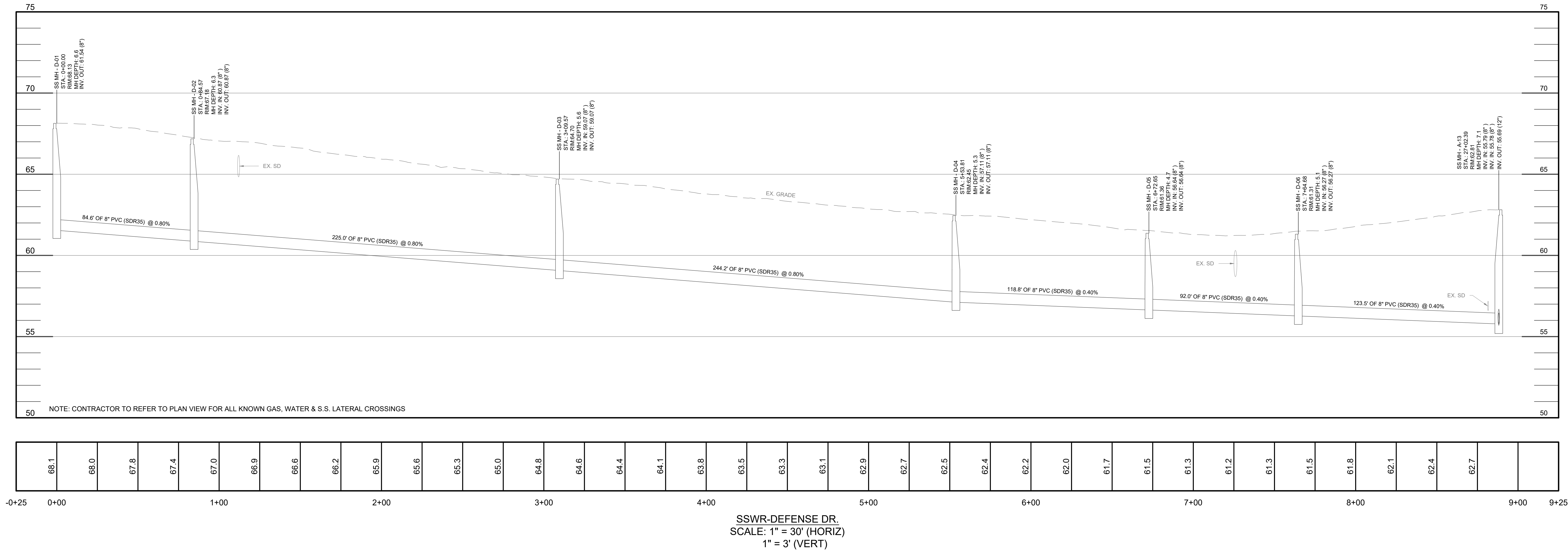
KCI TECHNOLOGIES, INC.
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614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE: (302) 747-5999 FAX: (302) 773-7607 Website: www.kci.com



OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402
FX: (410) 273-7402

2026.08.14
DATE
REISSUED FOR BID
REVISION

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CONSTRUCTION
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PROFESSIONAL CERTIFICATION
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LICENSE NO. 31783
EXPIRATION DATE 03-31-2028

SIGNATURE: _____

Drafting: TJG Check: DRS
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DATE: 08-14-2026
KCI JOB #: 13158575 SM
SHEET: C-2.05

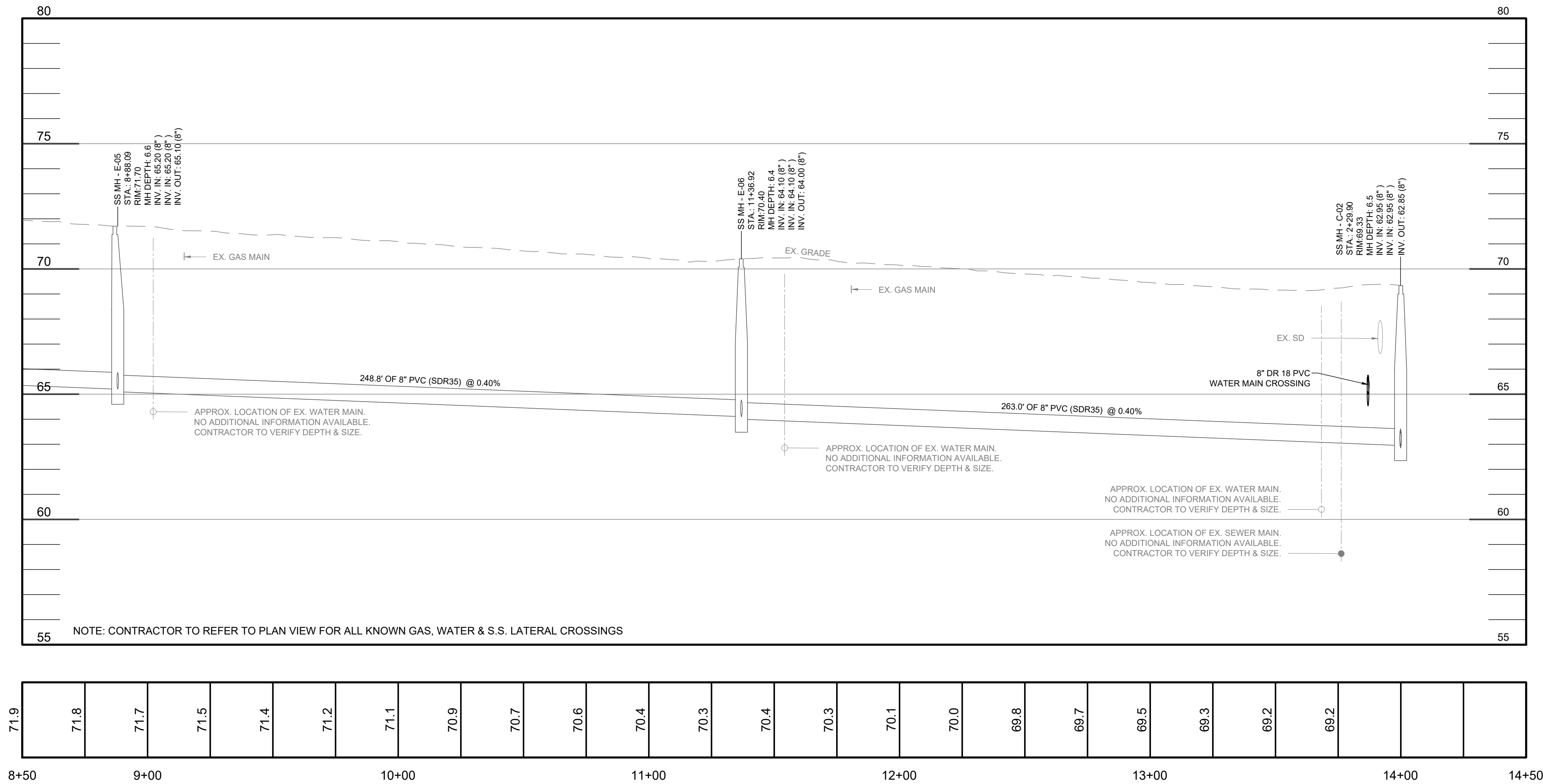
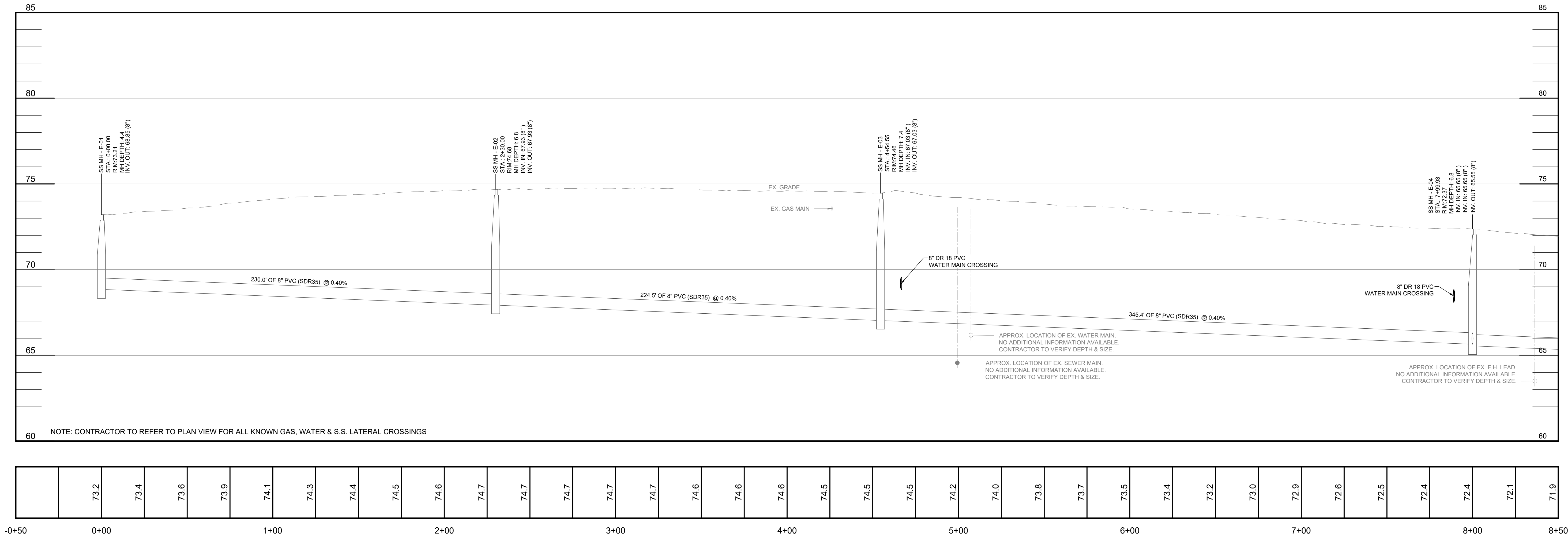
SEWER PROFILE VIEWS
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS
ABERDEEN HARBOR COUNTY MARYLAND

KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
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OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 21101
PH: (410) 273-7402
FX: (410) 273-7402

2026.08.14	DATE
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SSWR-VICTORY AVE.
SCALE: 1" = 30' (HORIZ)
1" = 3' (VERT)

CONSTRUCTION
SET

PROFESSIONAL CERTIFICATION
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LICENSE NO. 31783
EXPIRATION DATE: 08-15-28

SEWER PROFILE VIEWS
SWAN MEADOWS WATER & SEWER IMPROVEMENTS
HARFORD COUNTY
MARYLAND
ABERDEEN

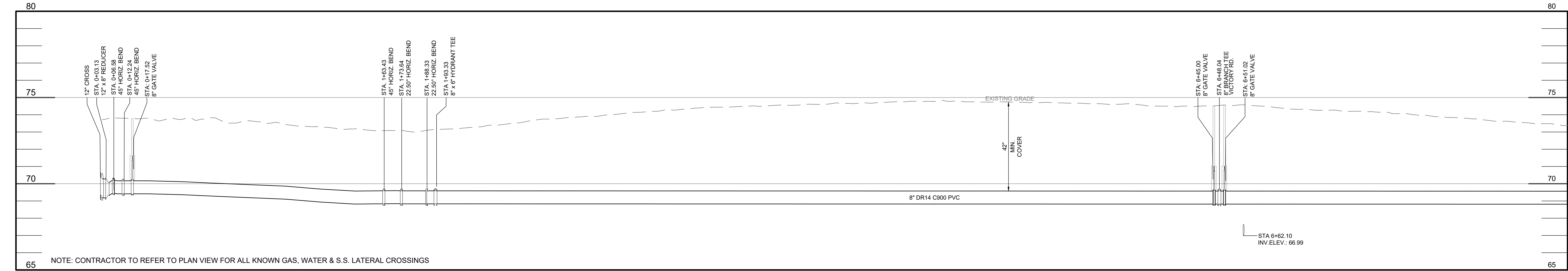
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SHEET: C-2.06

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ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway Suite 100 Dover DE 19901
PHONE: (302) 475-9999 FAX: (302) 773-7607 Website: www.kci.com

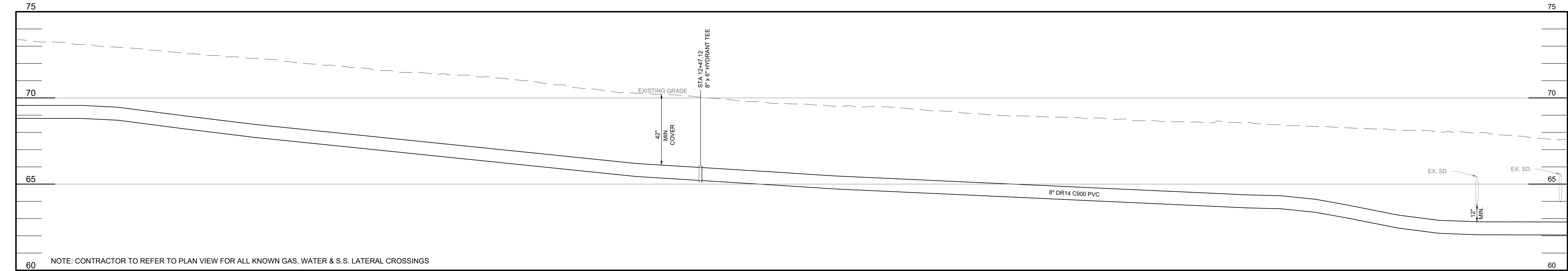
OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402
FX: (410) 273-7402

2026.08.14
DATE: _____
REISSUED FOR BID
REVISION: _____

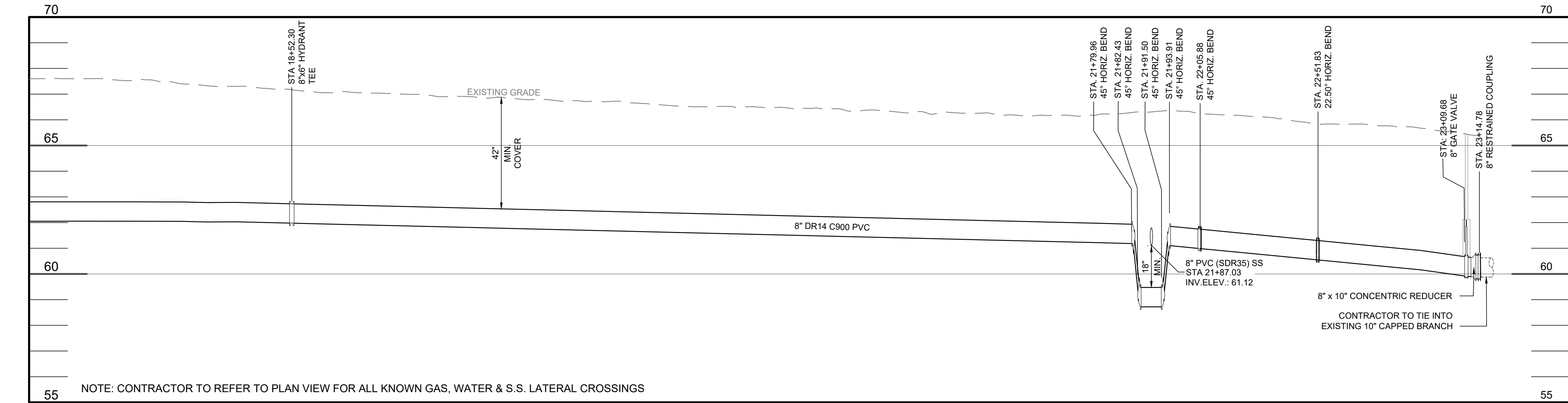
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Plot Date: 08/14/2026
Plot Time: 10:00 AM
Plot User: jgallagher



73.7	73.8	73.8	73.5	73.6	73.3	73.2	73.1	73.2	73.4	73.7	73.9	74.0	74.3	74.4	74.5	74.6	74.7	74.7	74.8	74.8	74.7	74.7	74.6	74.6	74.5	74.6	74.5	74.3	74.2	74.1	73.9	73.7	73.5	73.4
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73.4	73.2	73.0	72.8	72.6	72.4	72.2	71.9	71.7	71.5	71.4	71.2	71.0	70.6	70.3	70.2	70.0	69.8	69.7	69.5	69.5	69.3	69.1	69.0	68.9	68.8	68.7	68.6	68.6	68.5	68.3	68.3	68.1	68.0	68.0	67.8	67.6
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67.6	67.6	67.5	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.5	66.5	66.4	66.4	66.3	66.2	66.2	66.2	66.2	66.3	66.1	65.9	65.8	65.6		
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LIBERTY ST.
SCALE: 1" = 30' (HORIZ)
1" = 3' (VERT)

CONSTRUCTION
SET

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. 32781
EXPIRATION DATE 08-15-28

Signature: _____
Drafting: TJG **Check:** DRS
Design: TJG **Check:** DRS
SCALE: 1"=30'
DATE: 08-14-2026
KCI JOB #: 13158575 SM
SHEET: C-3.01

WATER PROFILE VIEWS
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

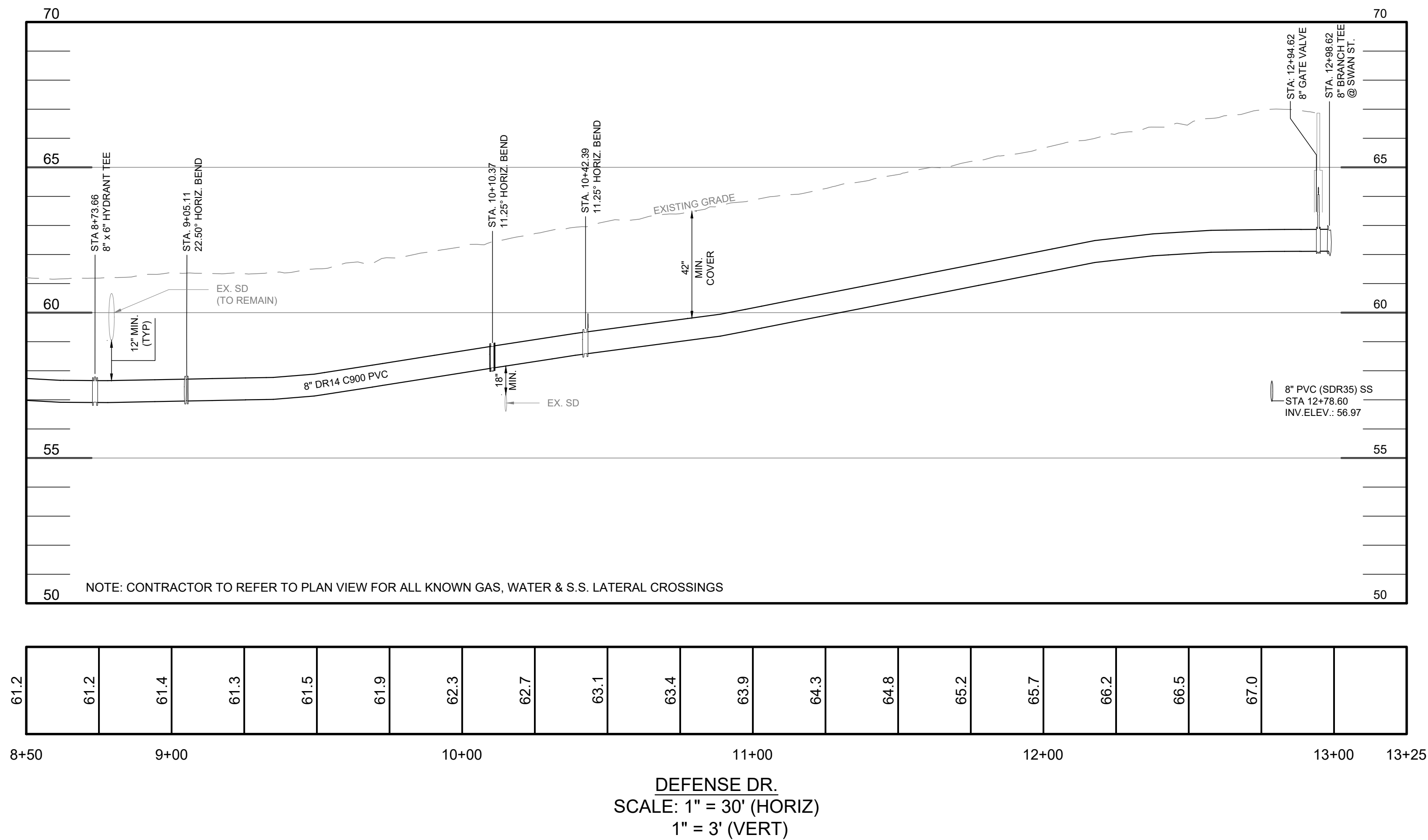
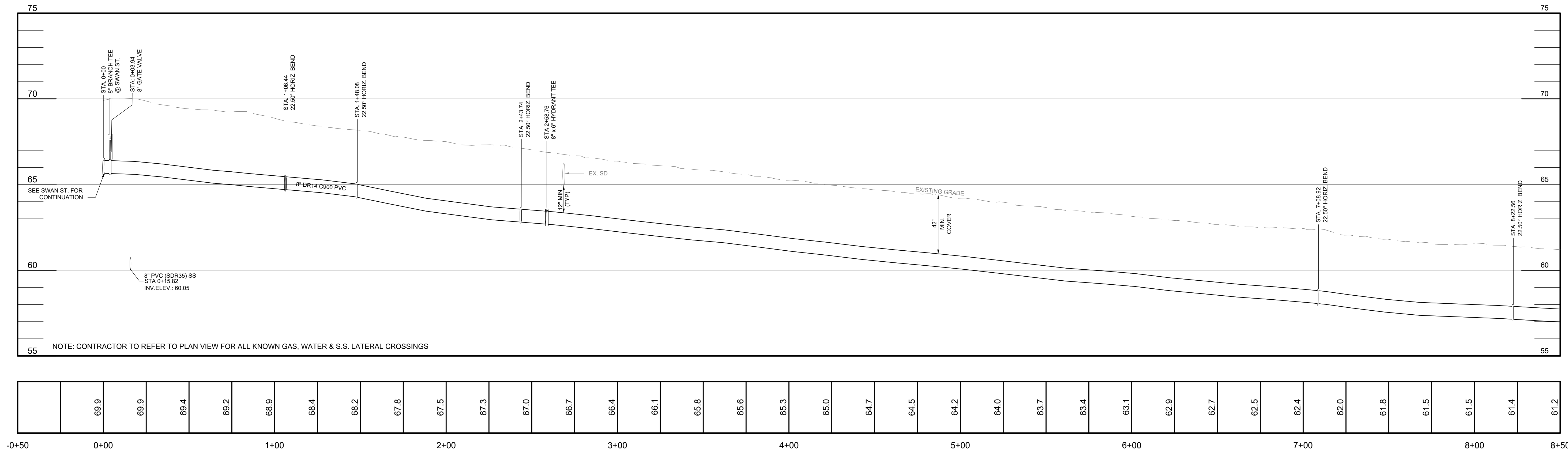
ABERDEEN HARMOD COUNTY MARYLAND

KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE: (302) 747-5999 FAX: (302) 773-7607 Website: www.kci.com

OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402

2026.08.14
DATE
REVISION FOR BID
REVISION

Plot Date: 08/14/2026 09:51:02
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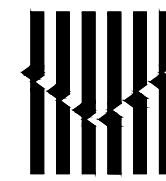
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME AND THAT I AM A
DAILY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO.: 21781
EXPIRATION DATE: 08-15-28

SIGNATURE: [Signature]

Drafting: TJG Check: DRS
Design: TJG Check: DRS
SCALE: 1"=30'
DATE: 08-14-2026
KCI JOB #: 13158575 SM
SHEET: C-3.03

WATER PROFILE VIEWS
SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

ABERDEEN HARMOD COUNTY MARYLAND

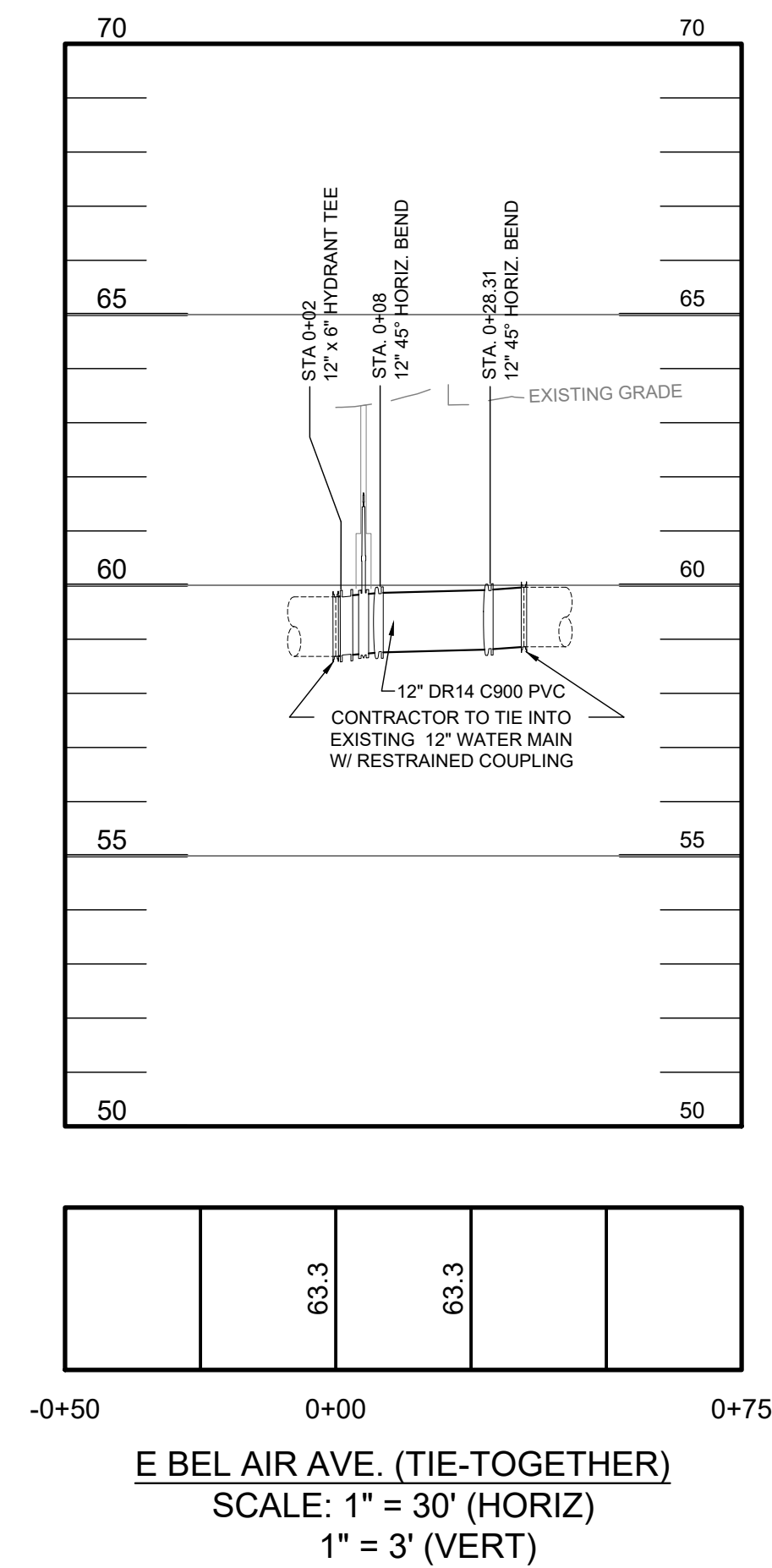
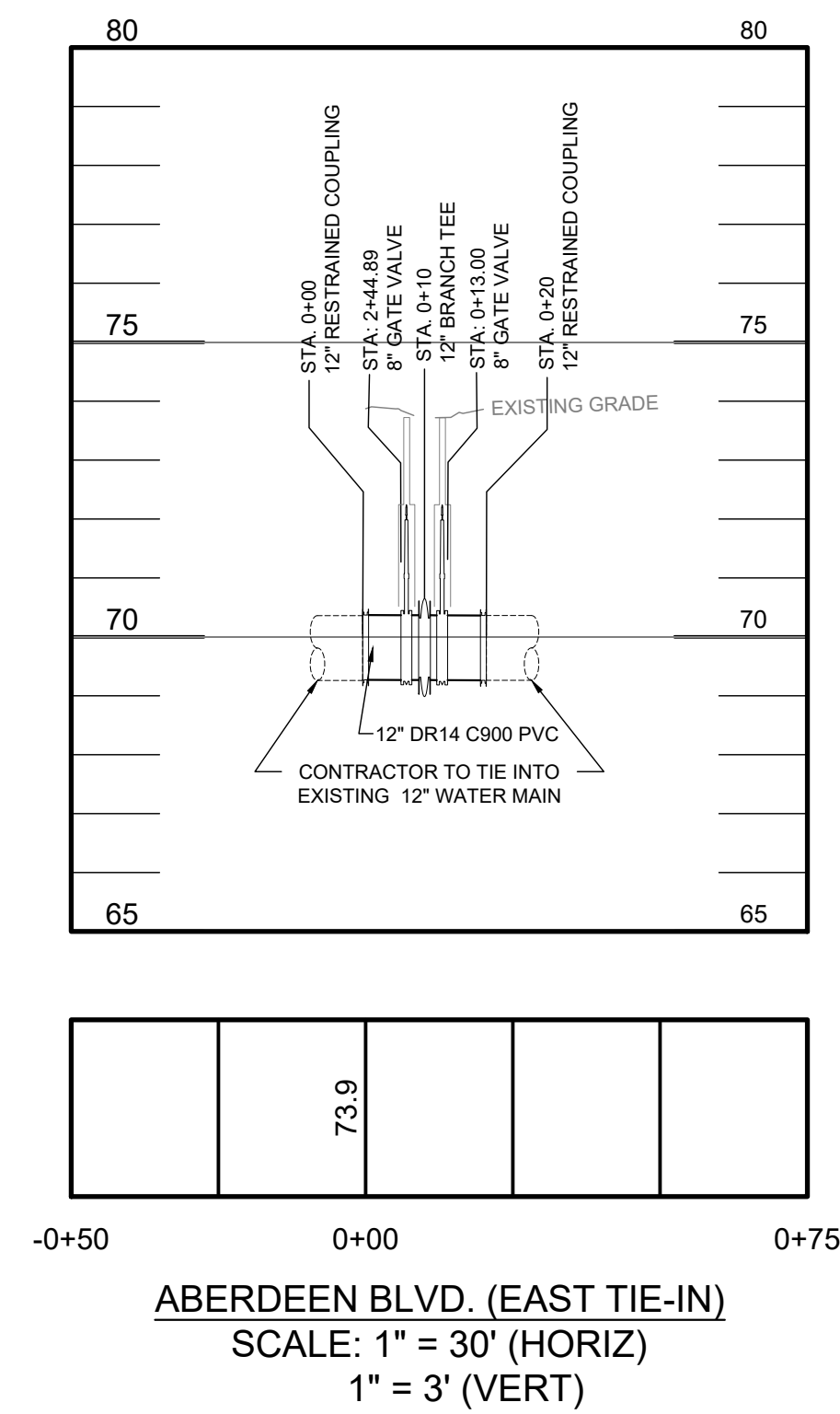
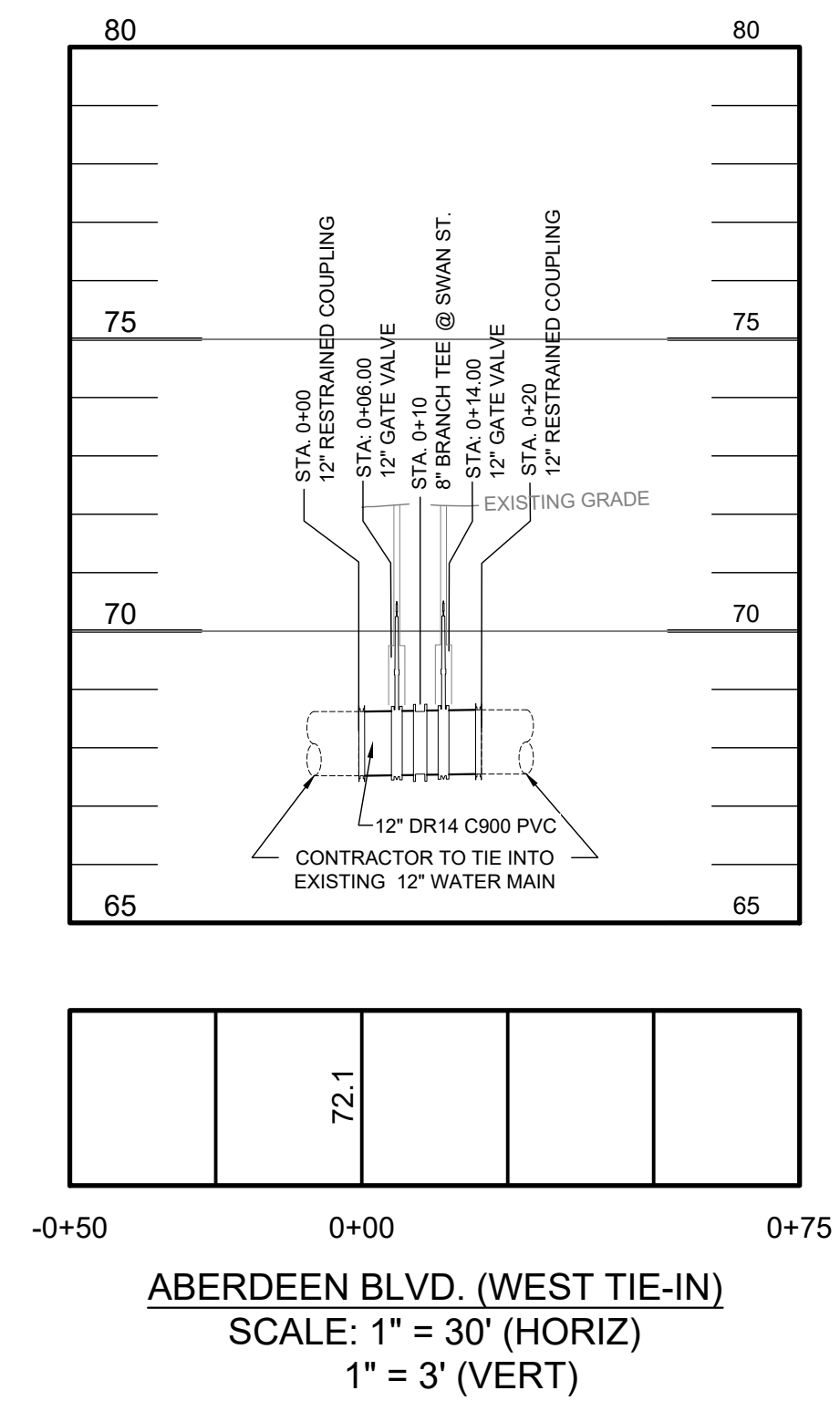
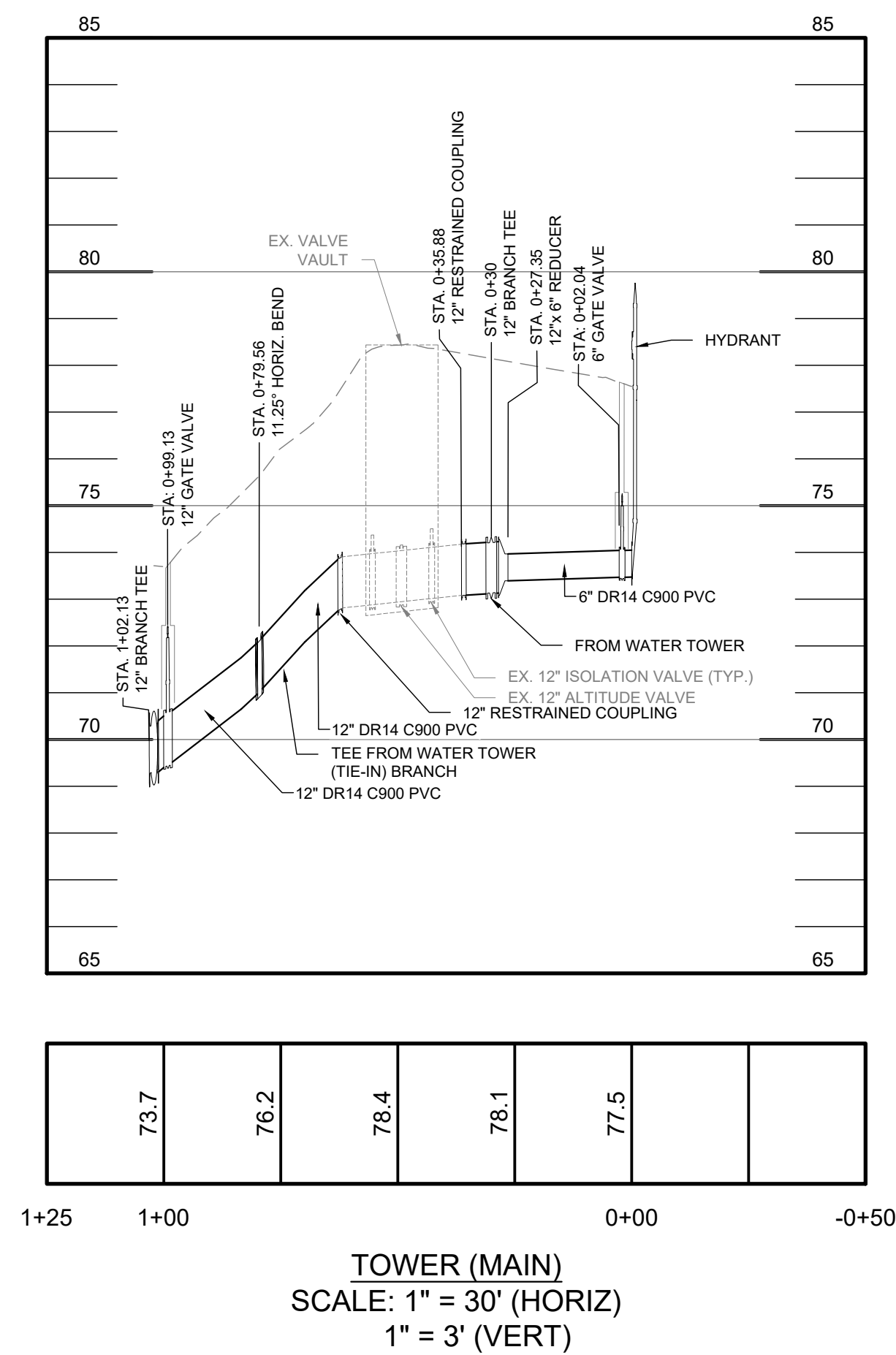


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PHONE: (302) 747-5999 FAX: (302) 773-7607 Website: www.kci.com

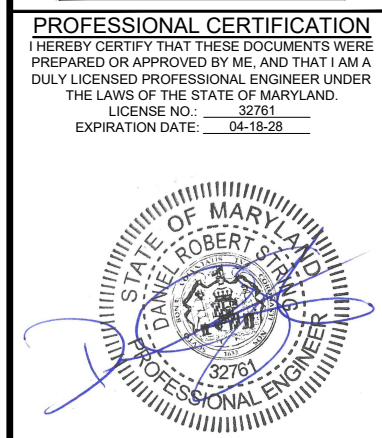


OWNER/DEVELOPER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH: (410) 273-7402
FX: (410) 273-7402

2026.08.14
DATE
REISSUED FOR BID
REVISION

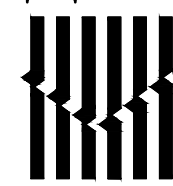


CONSTRUCTION
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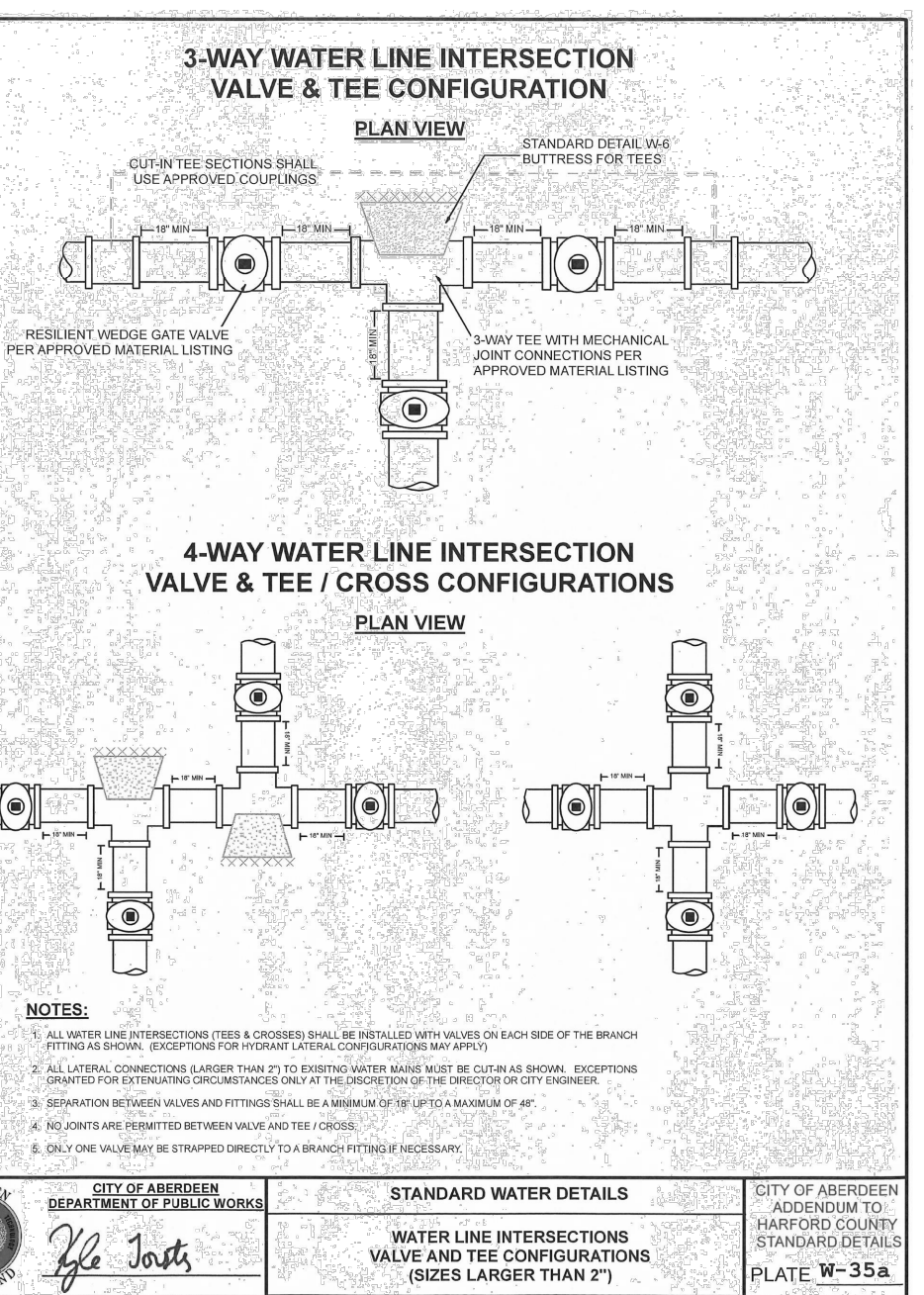
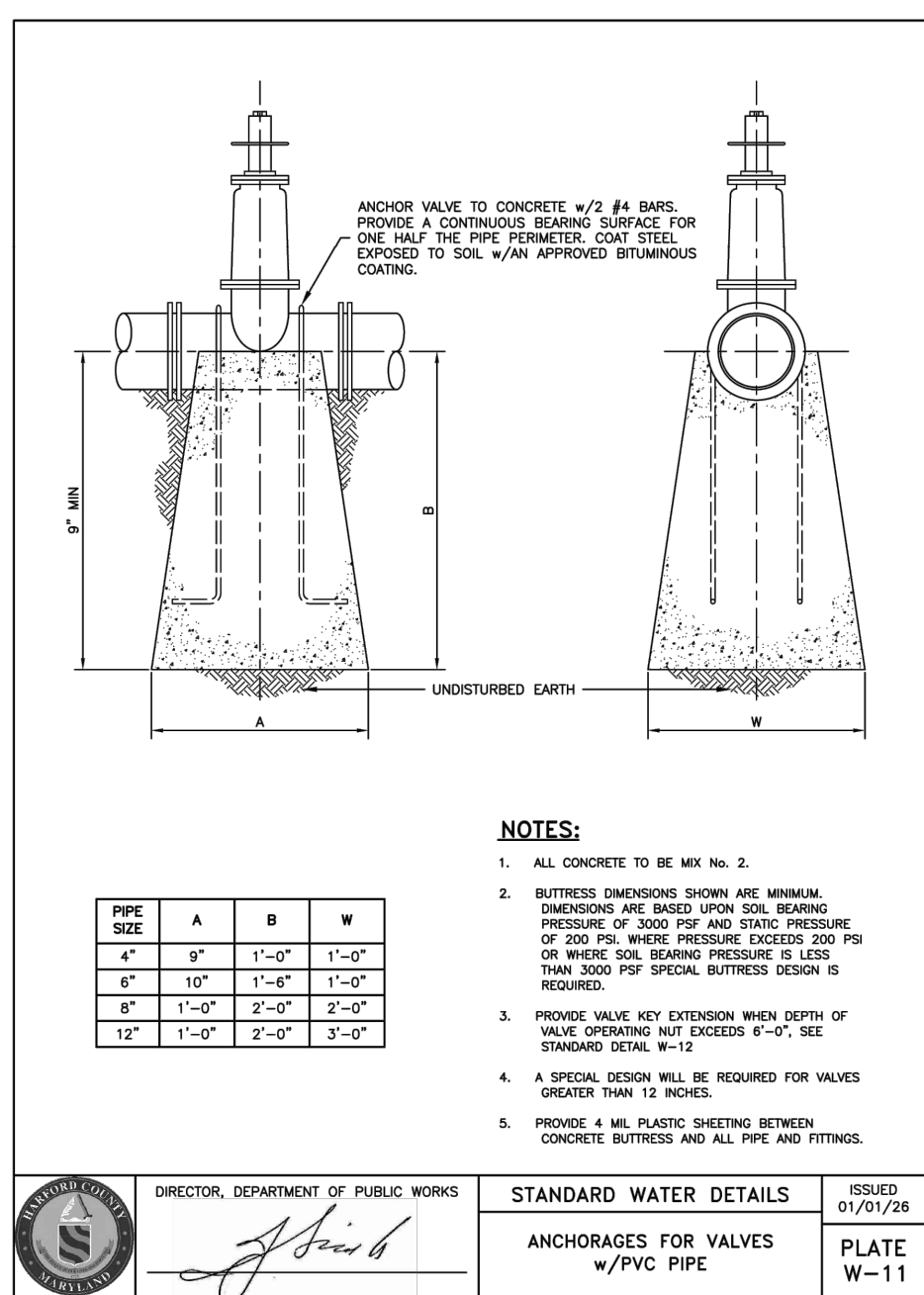
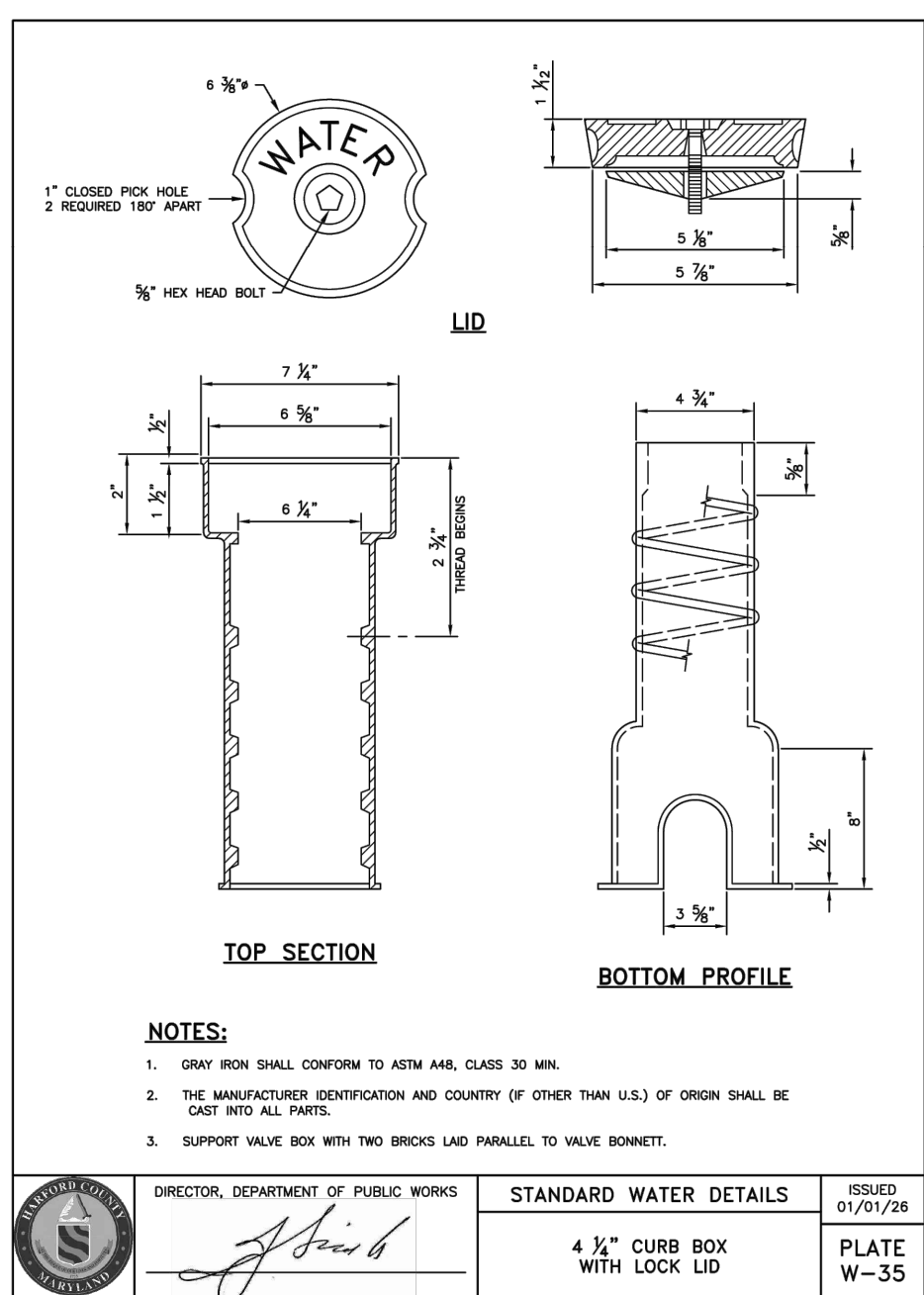
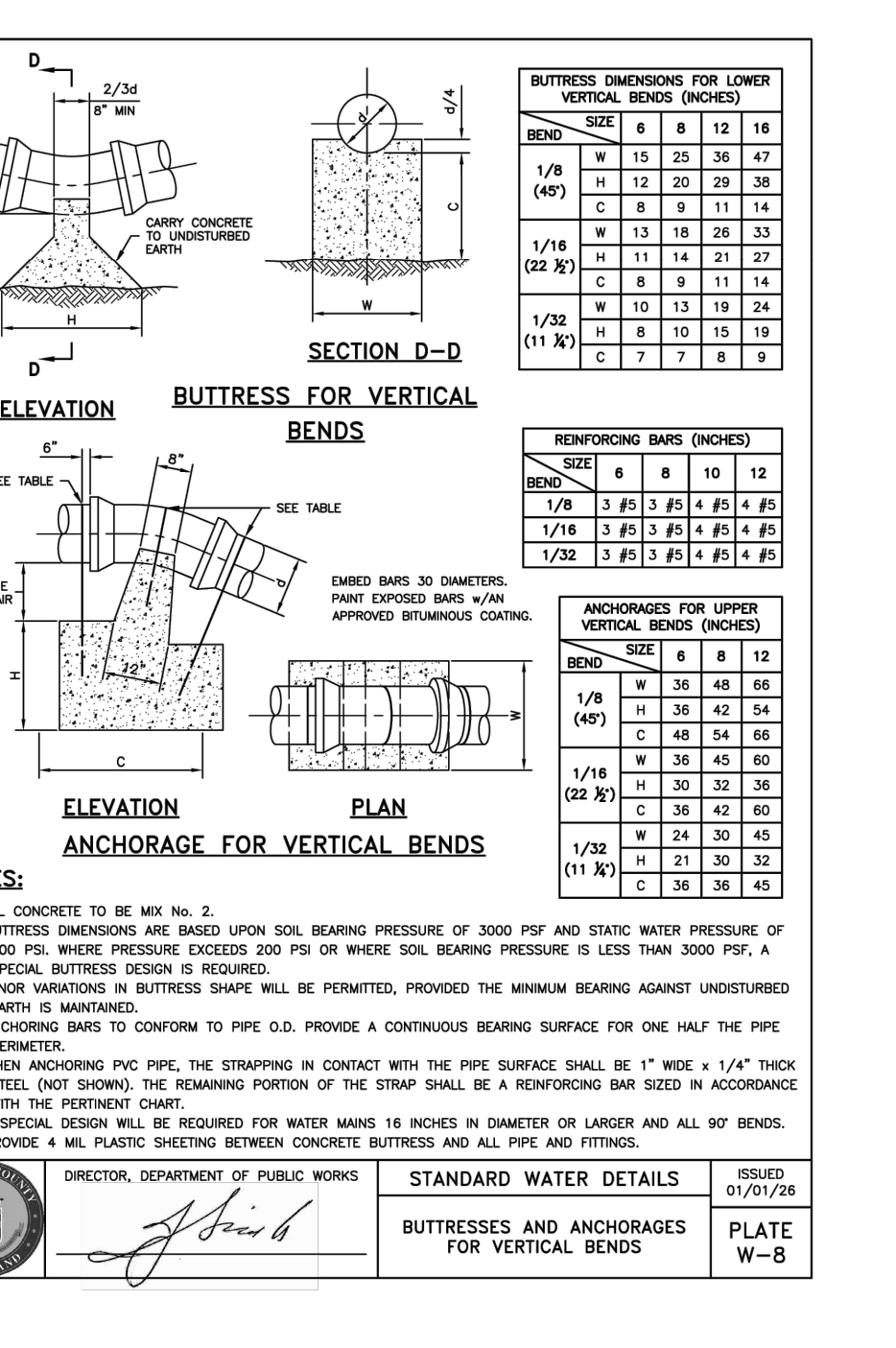
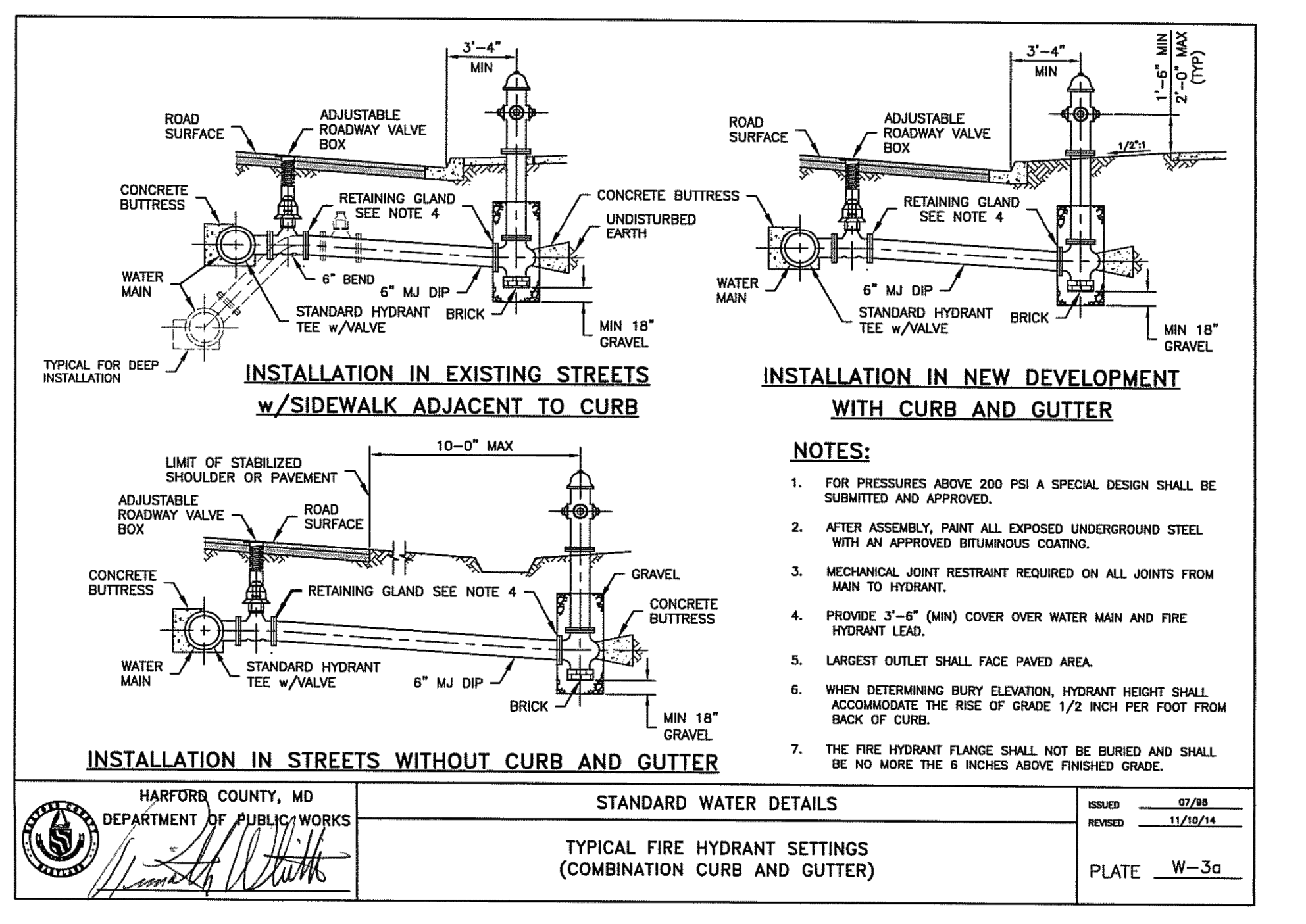
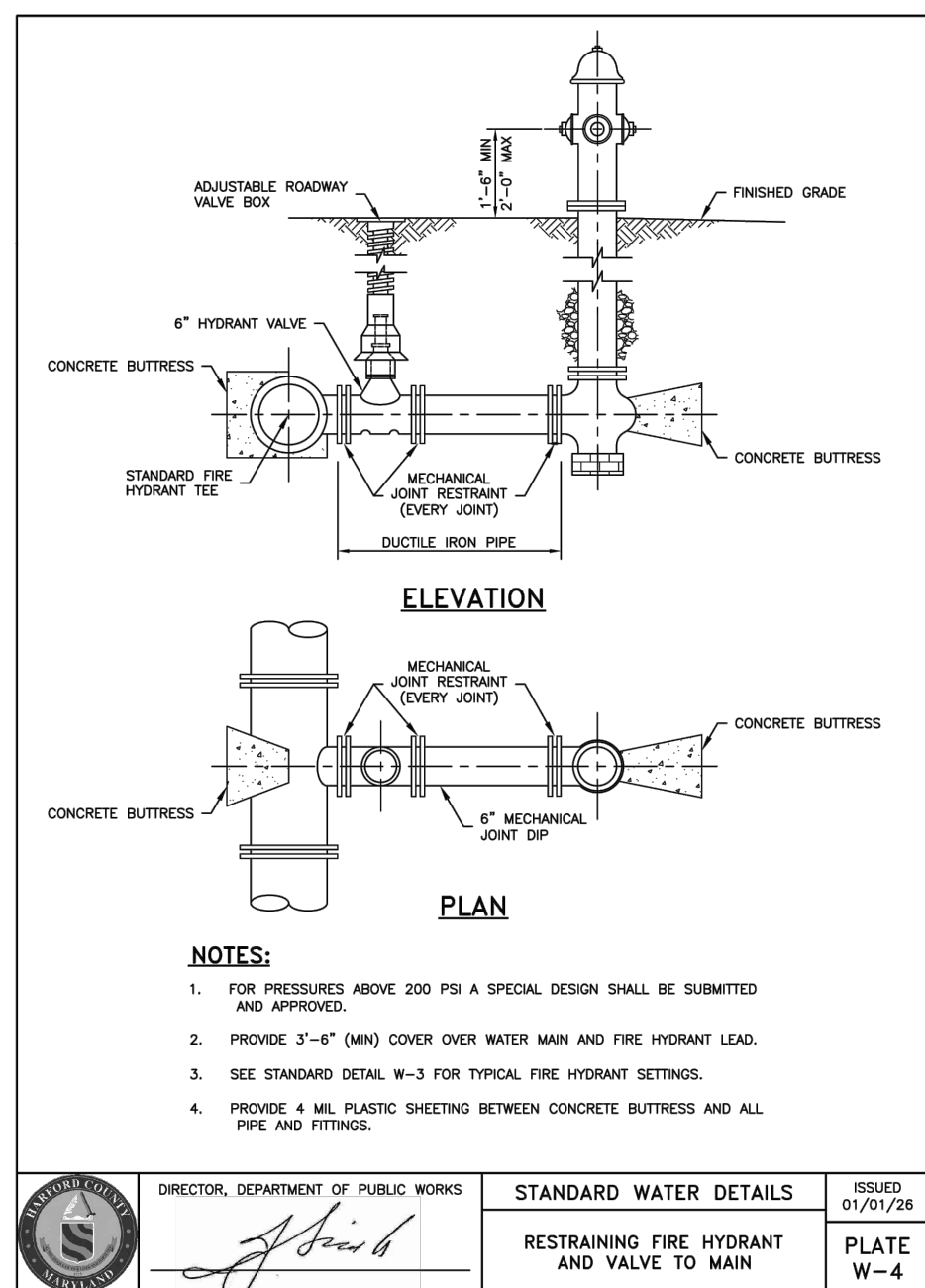
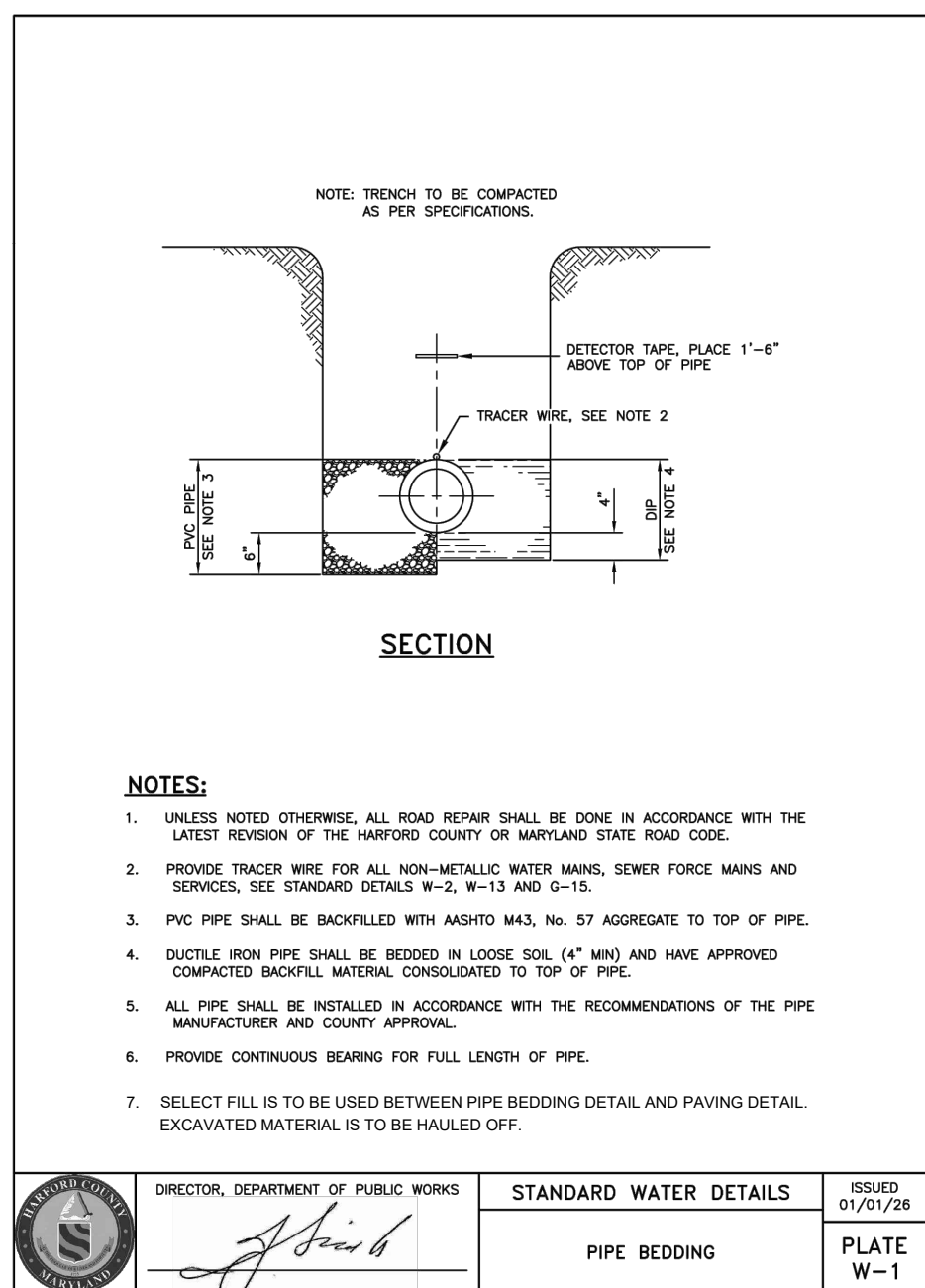
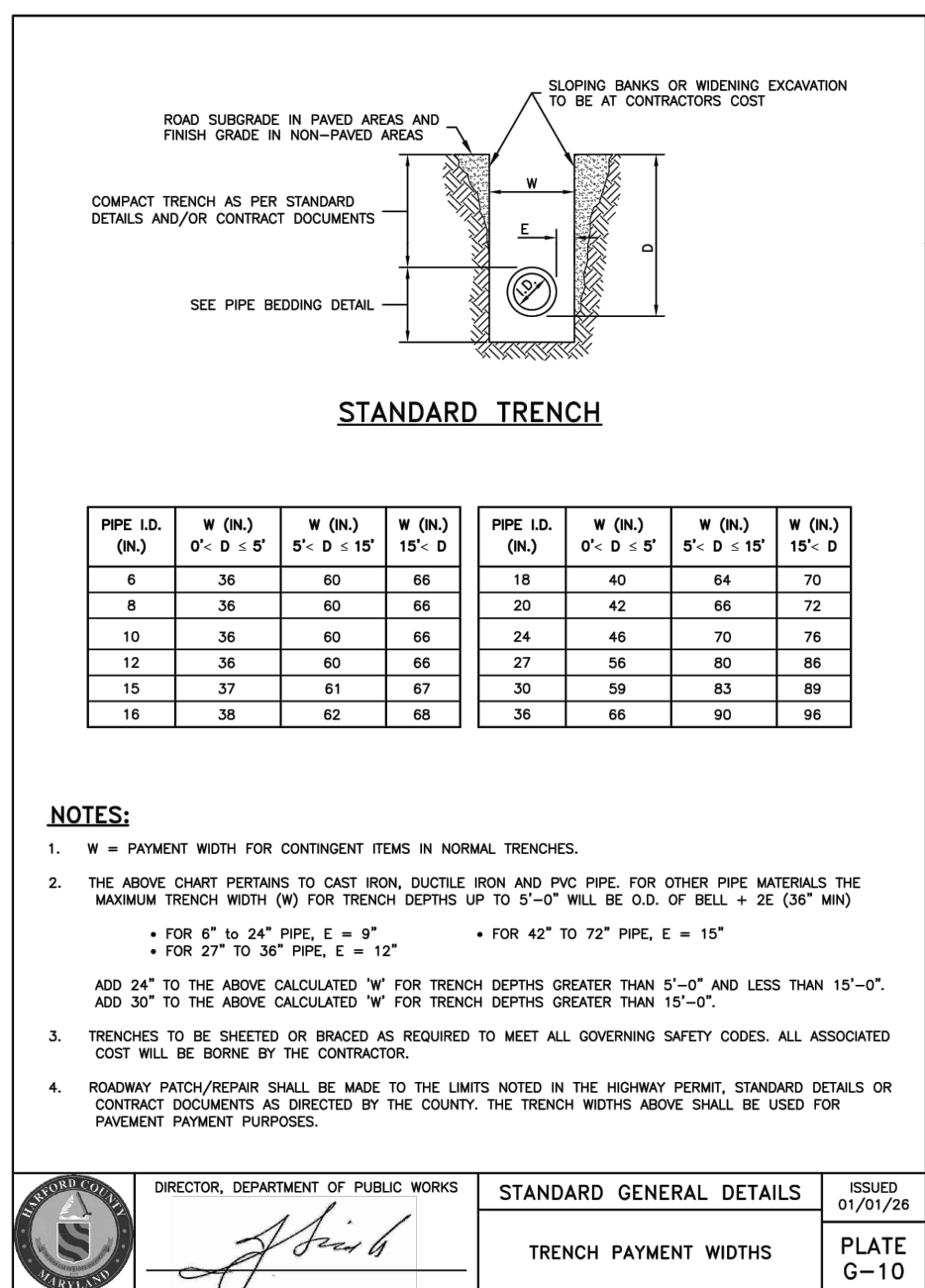


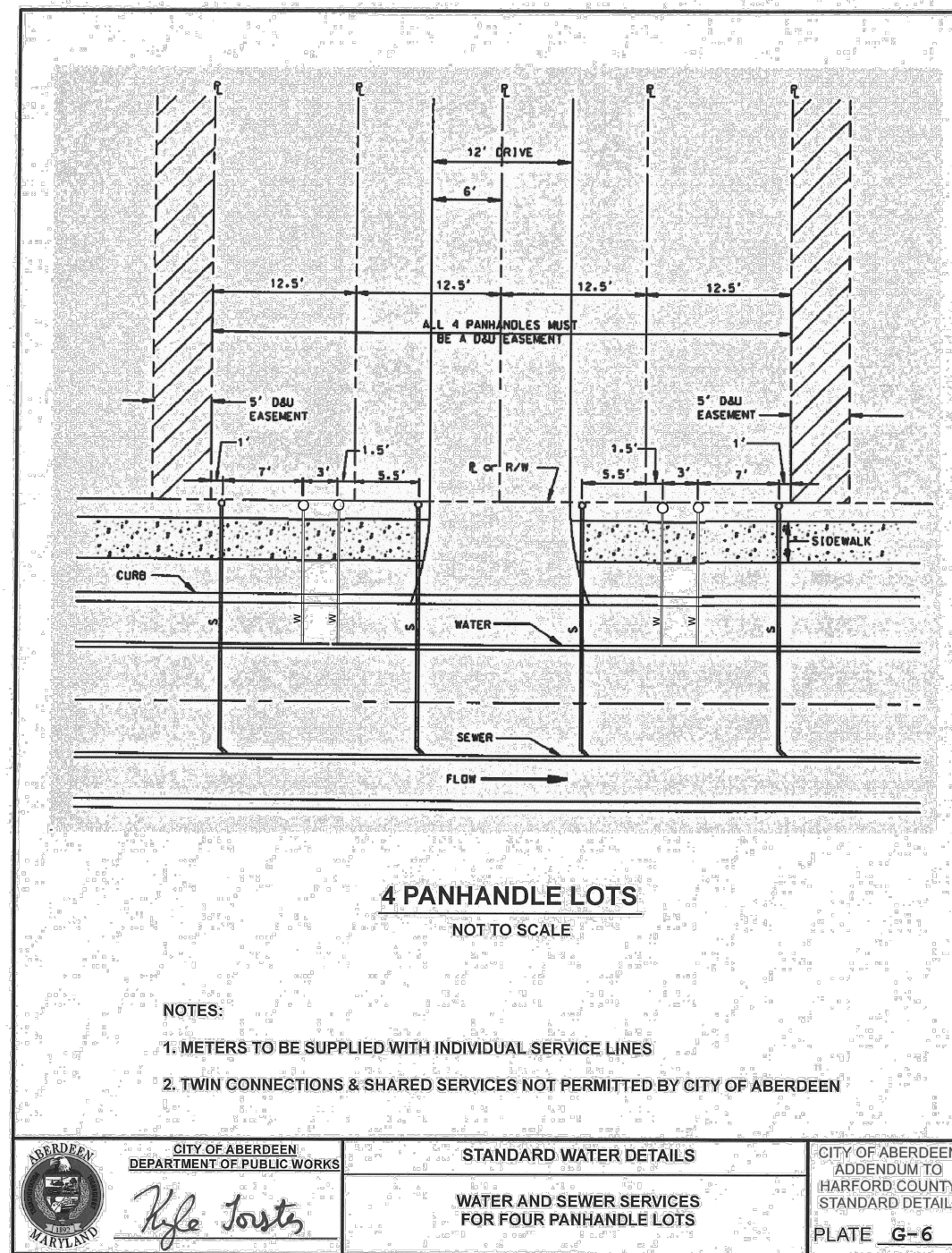
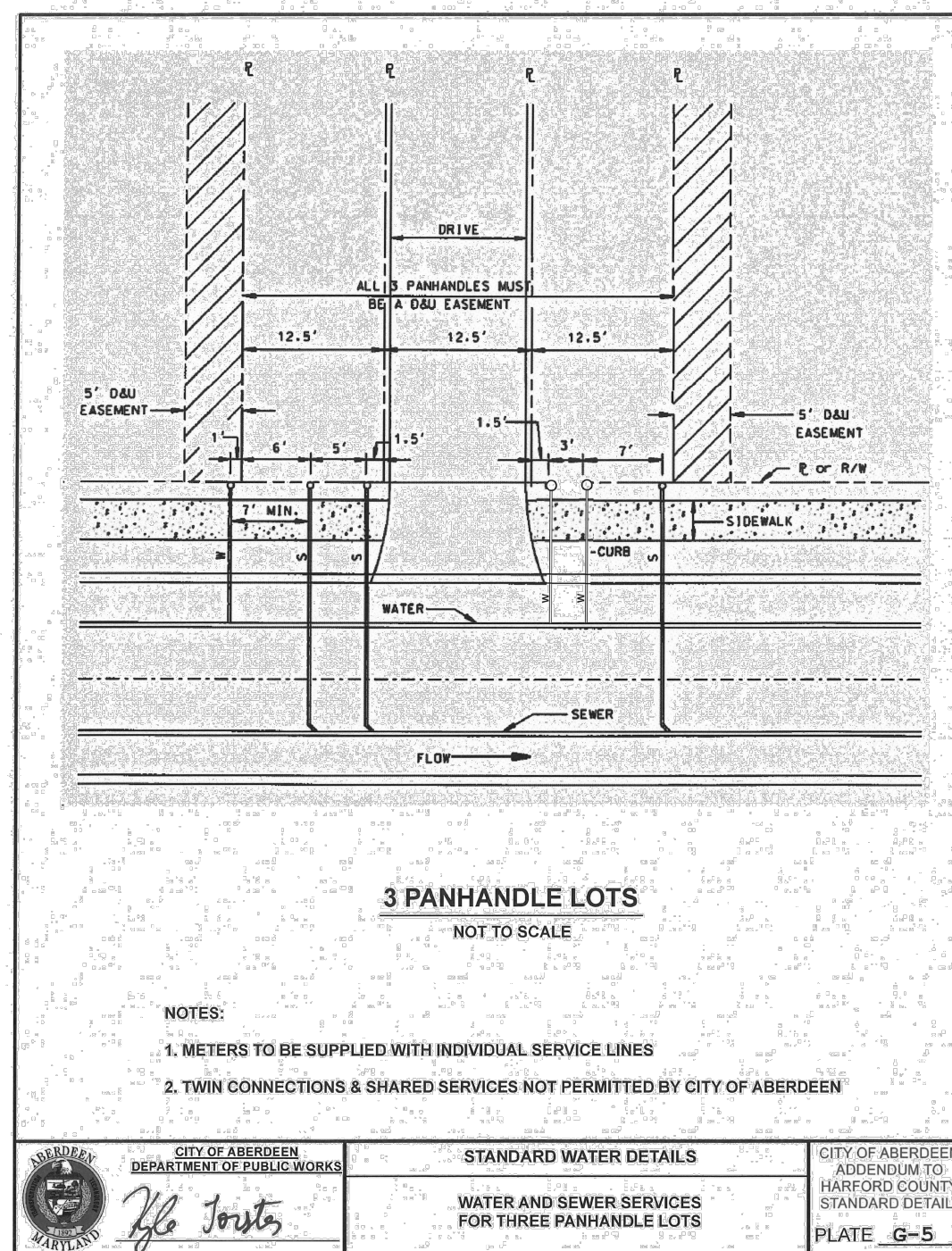
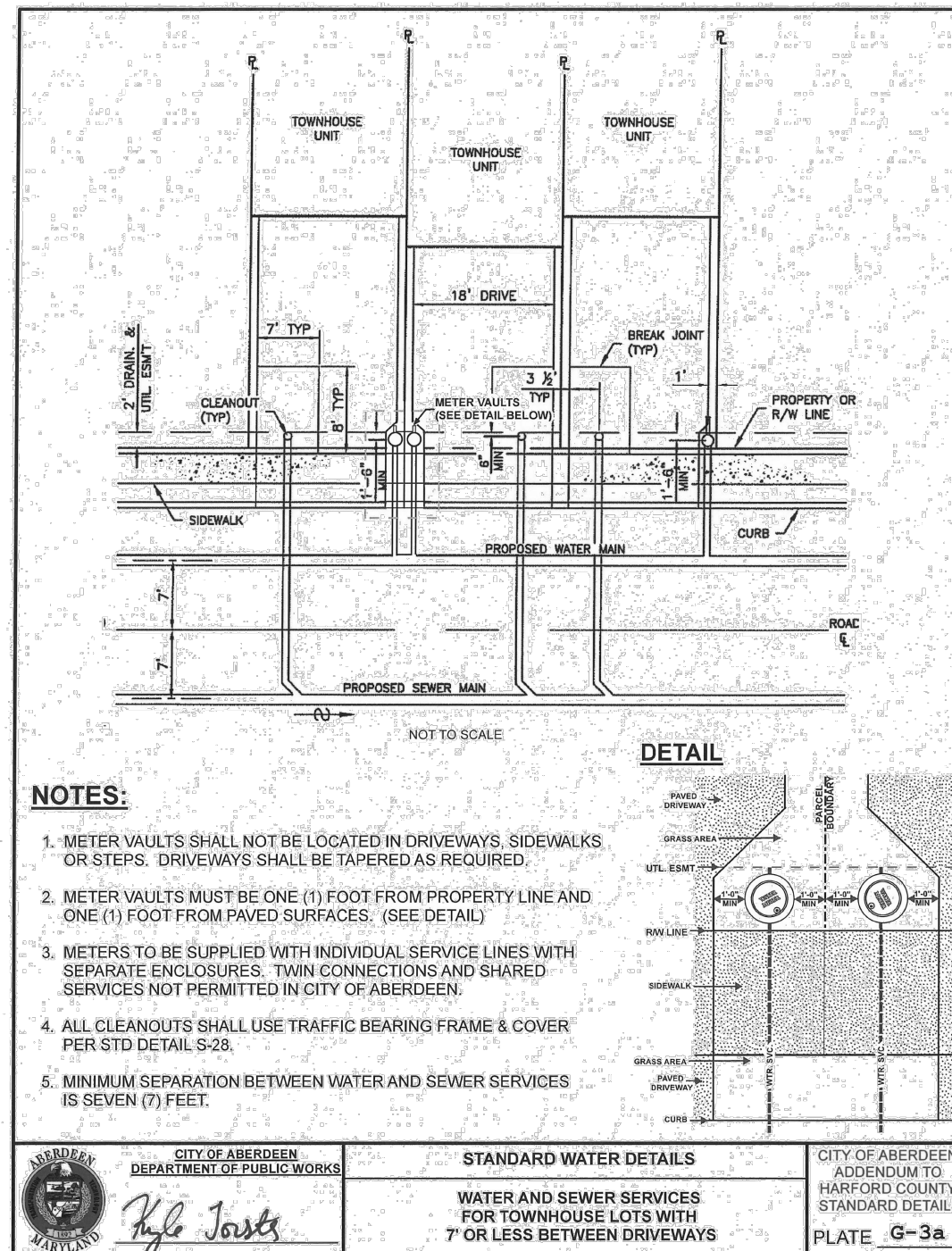
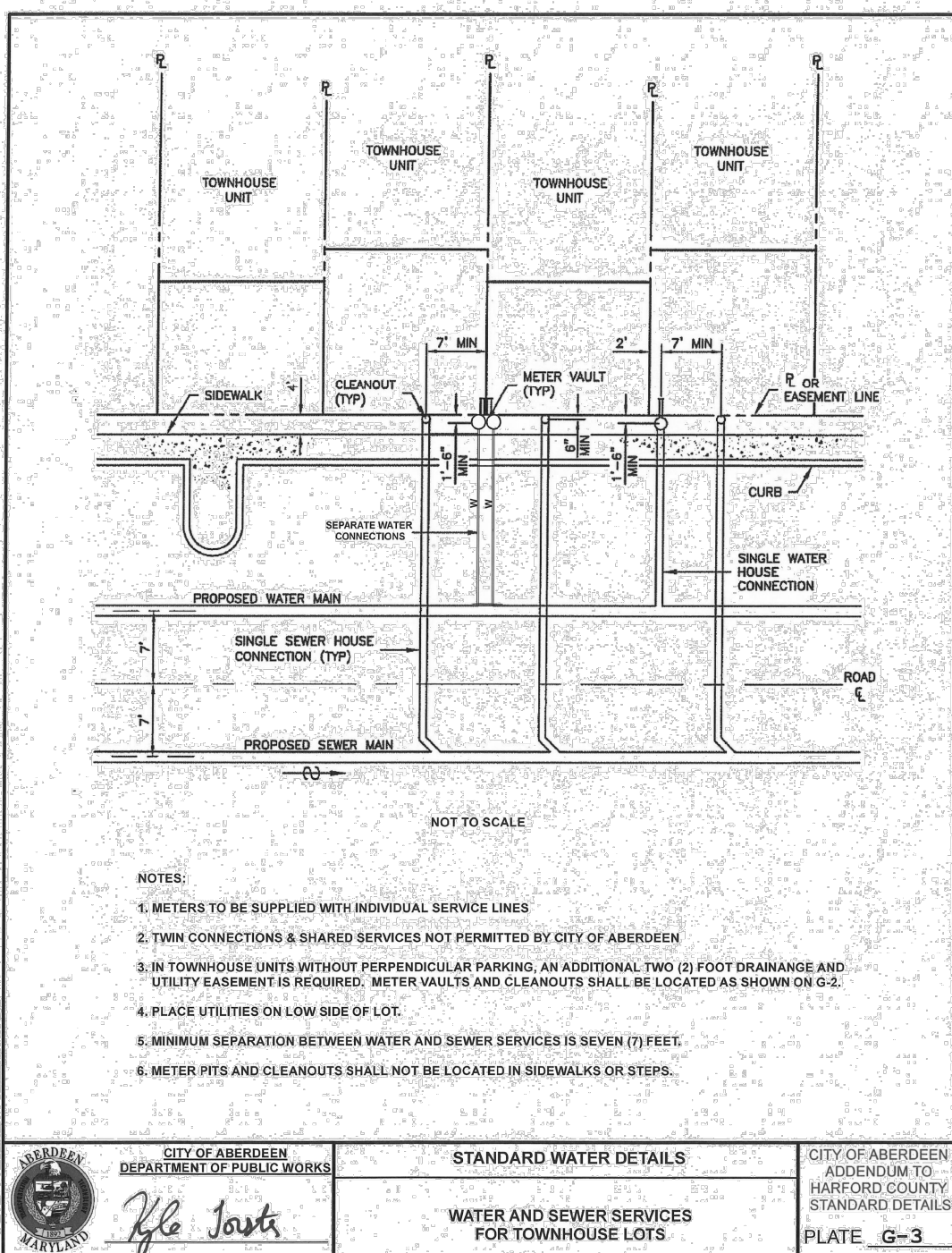
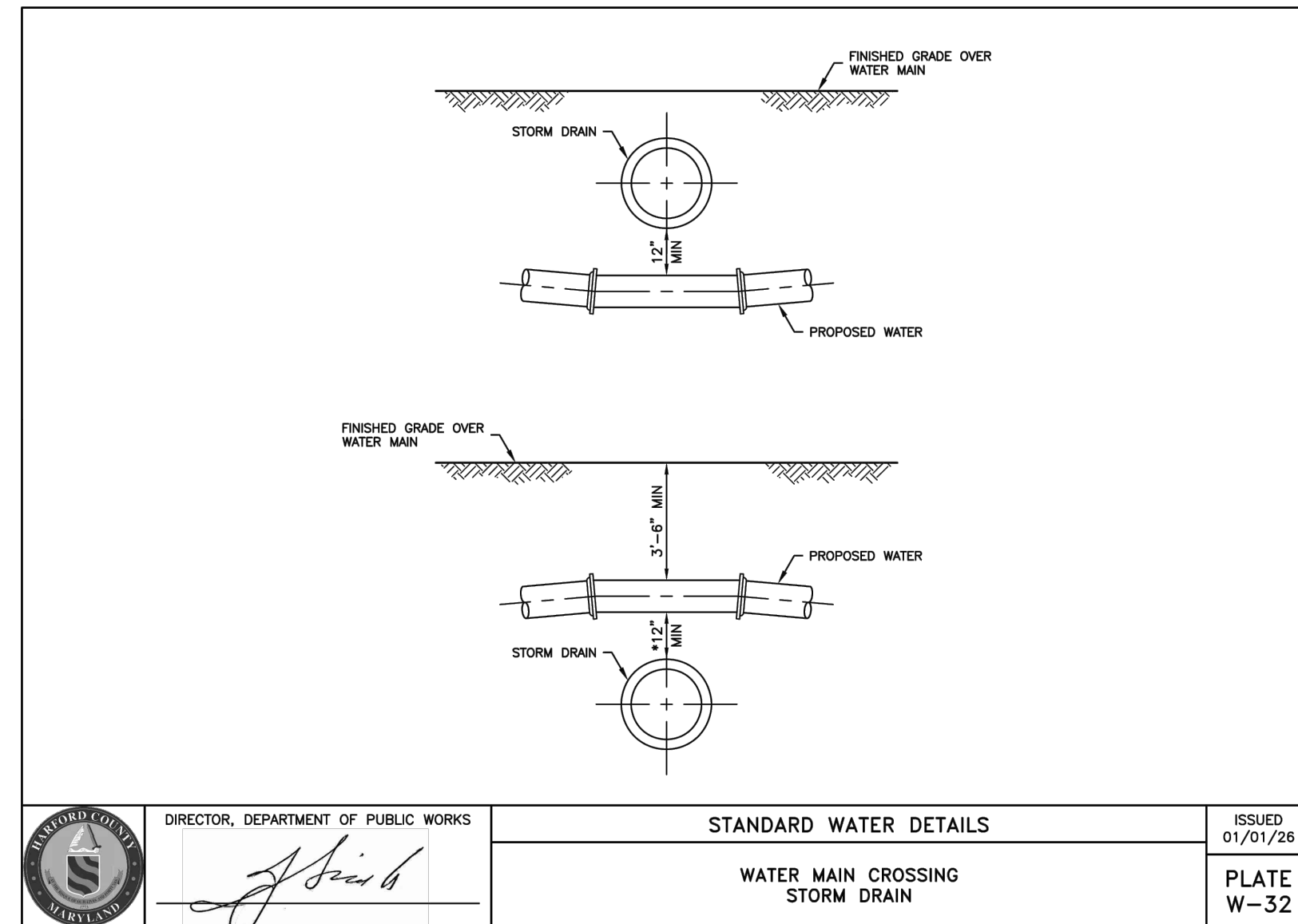
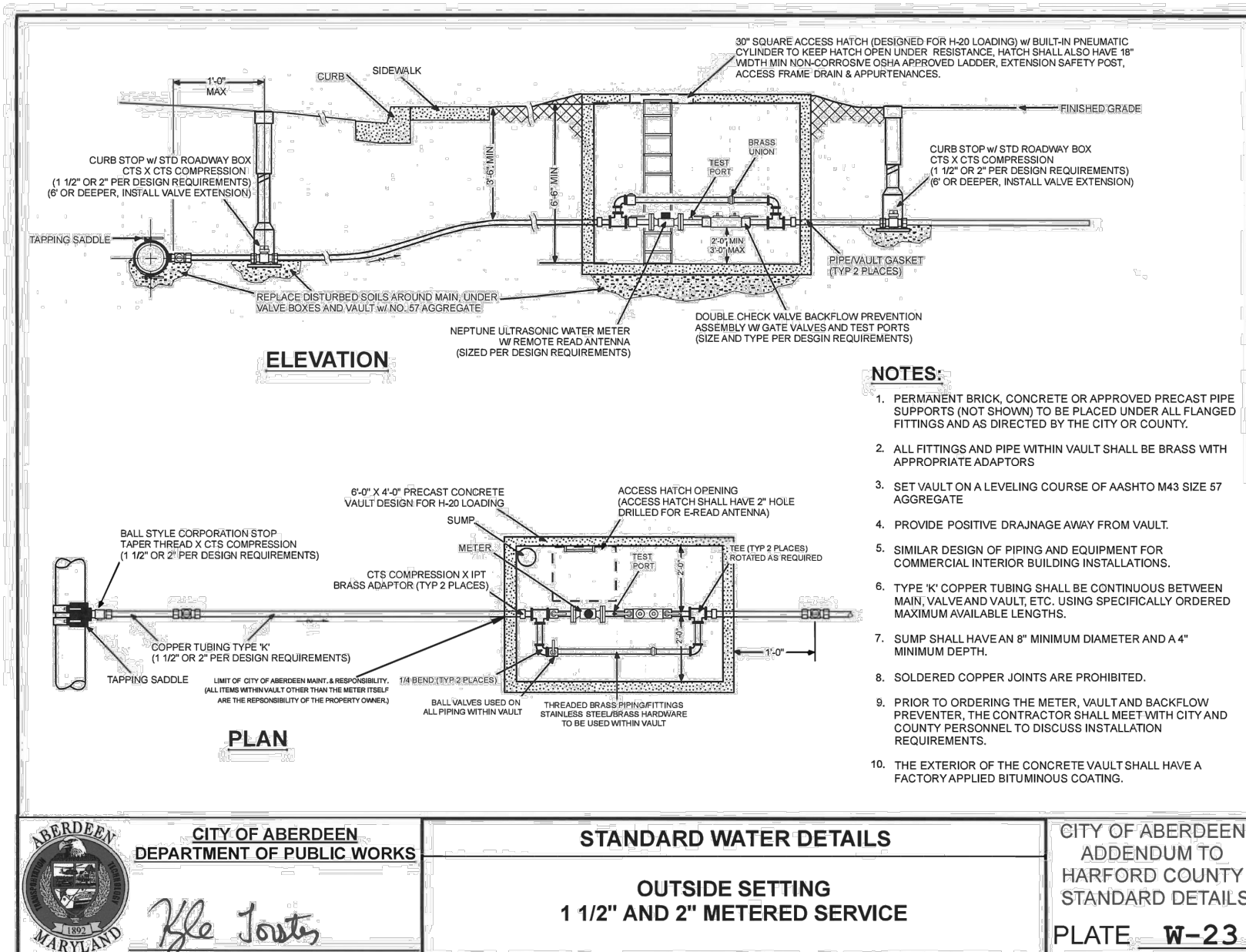
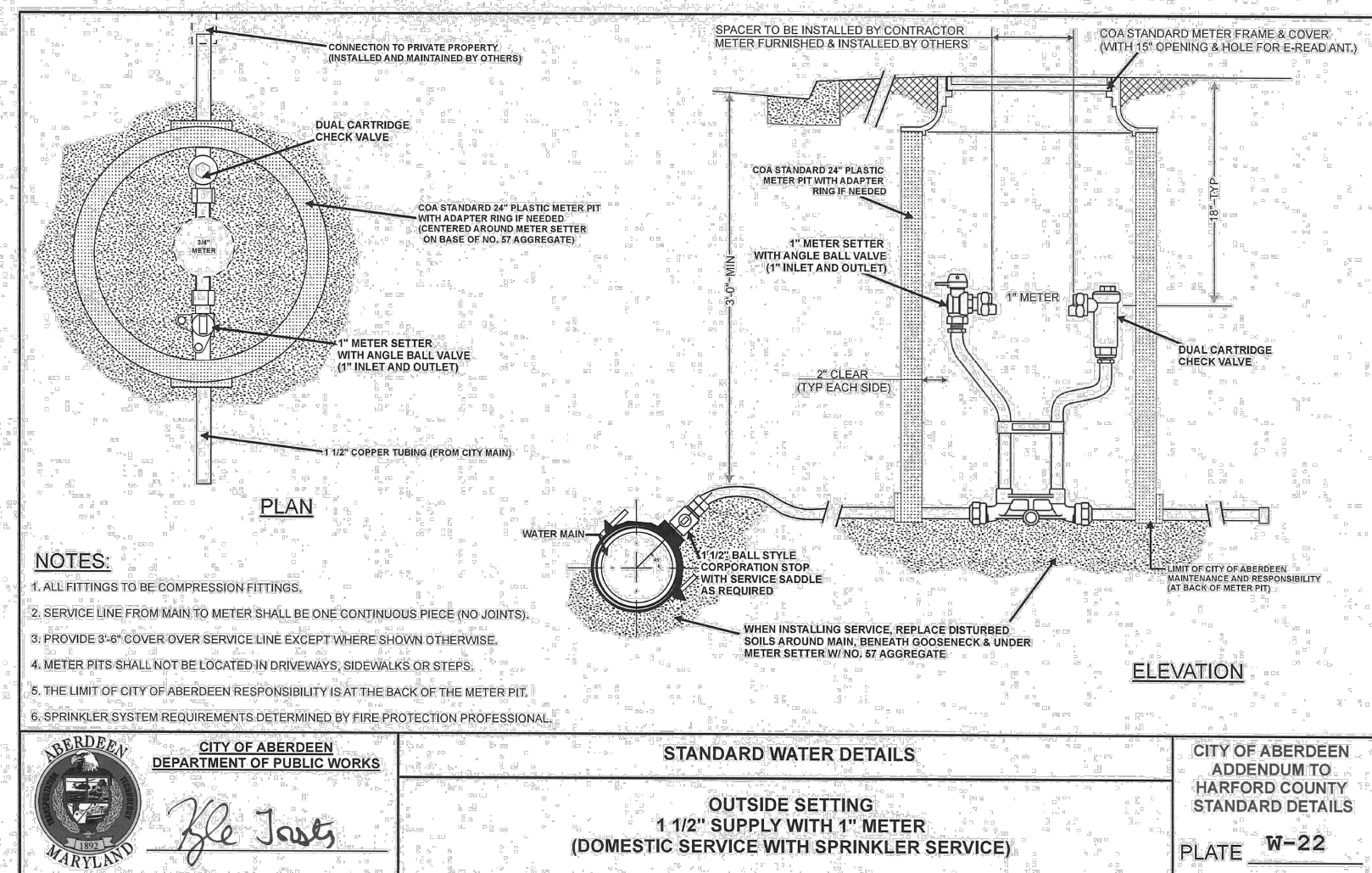
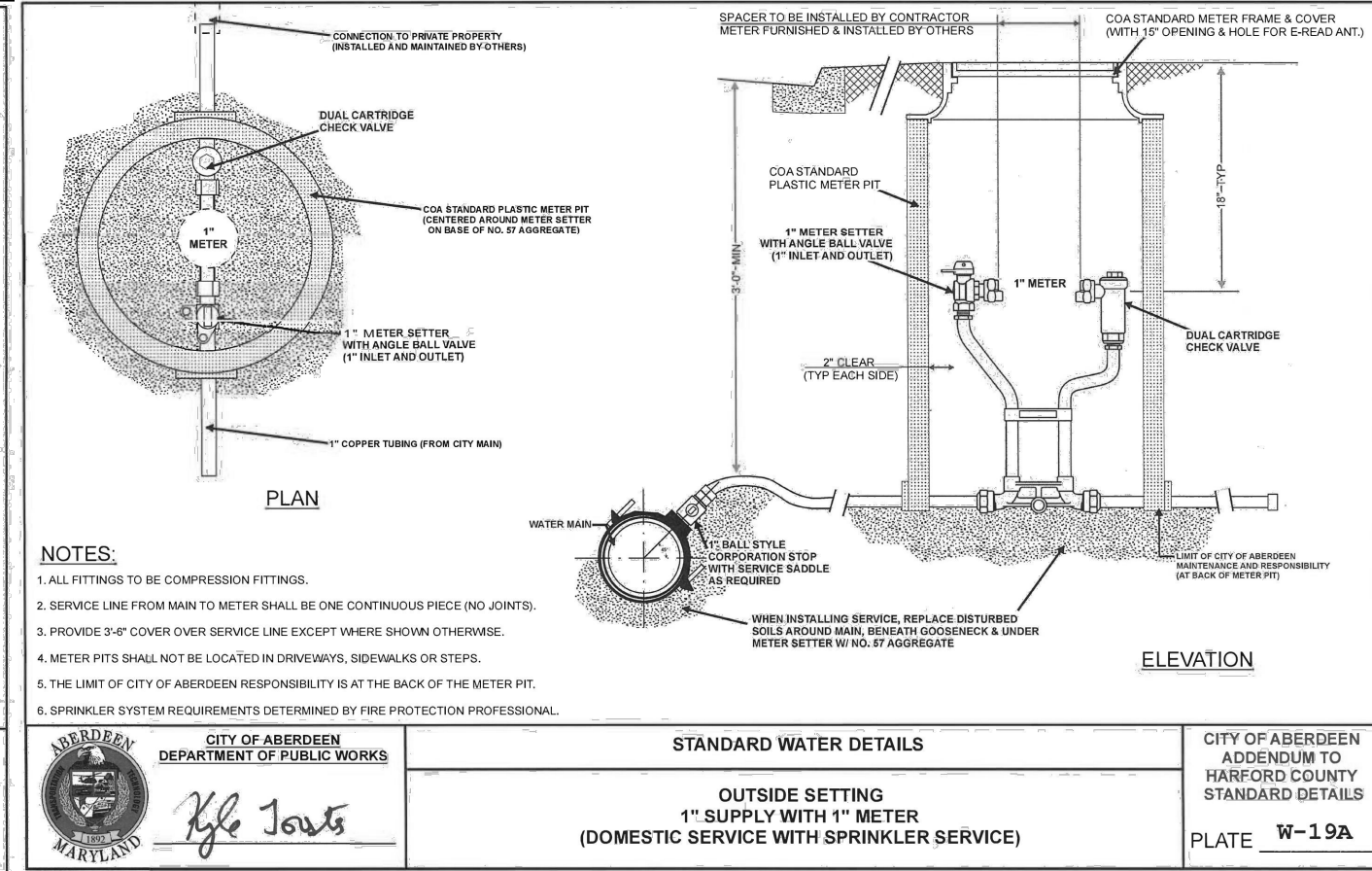
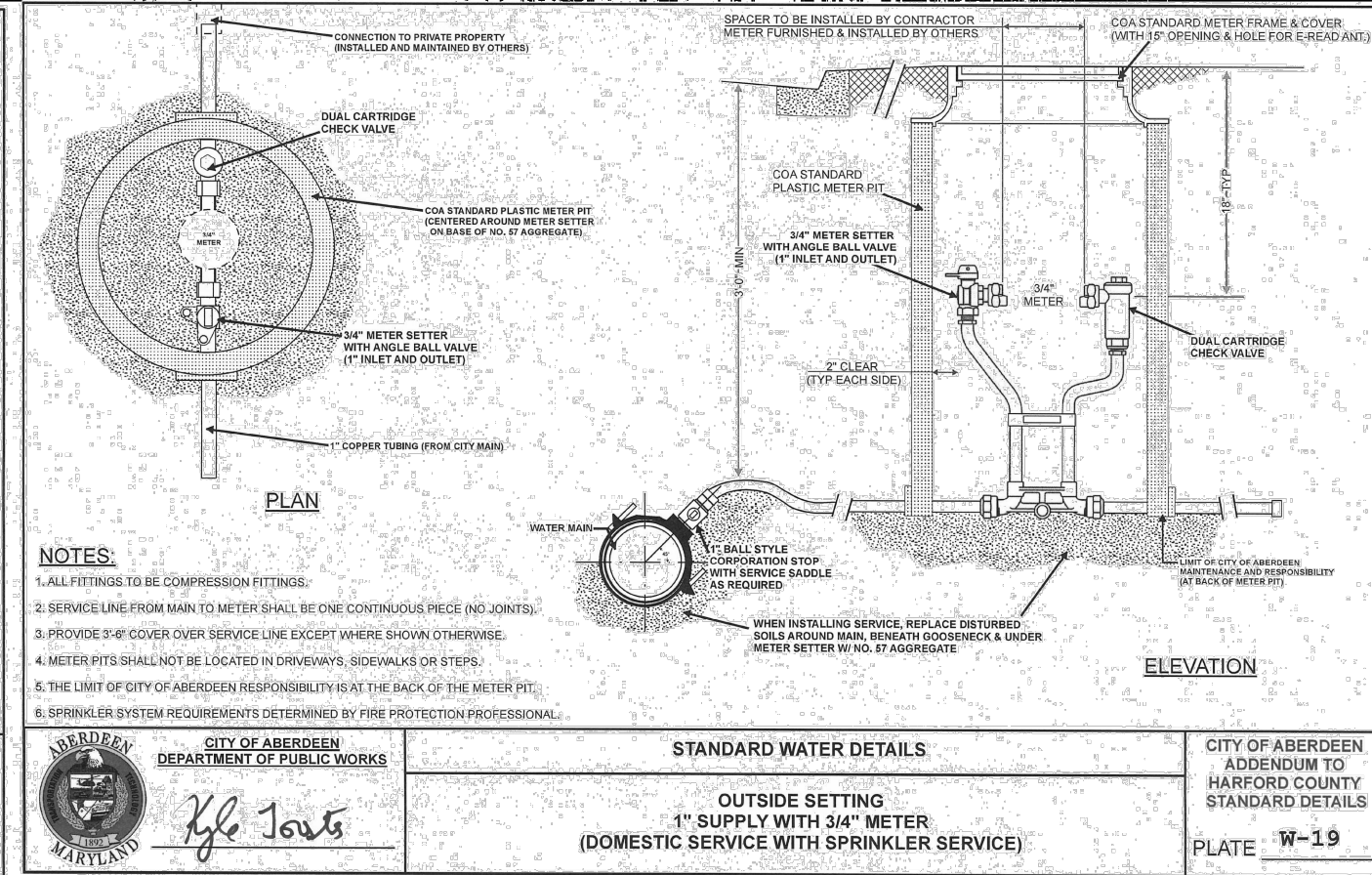
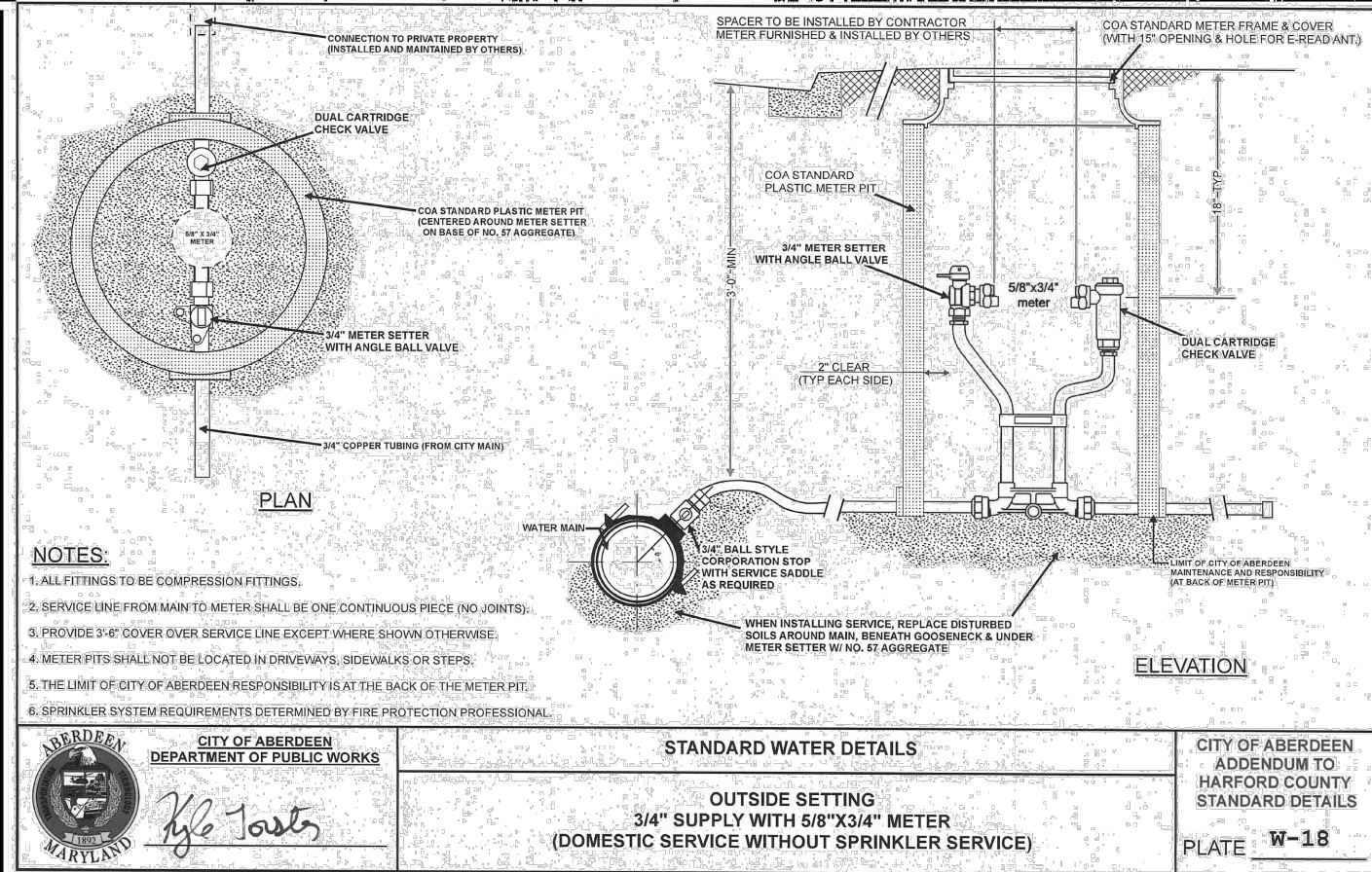
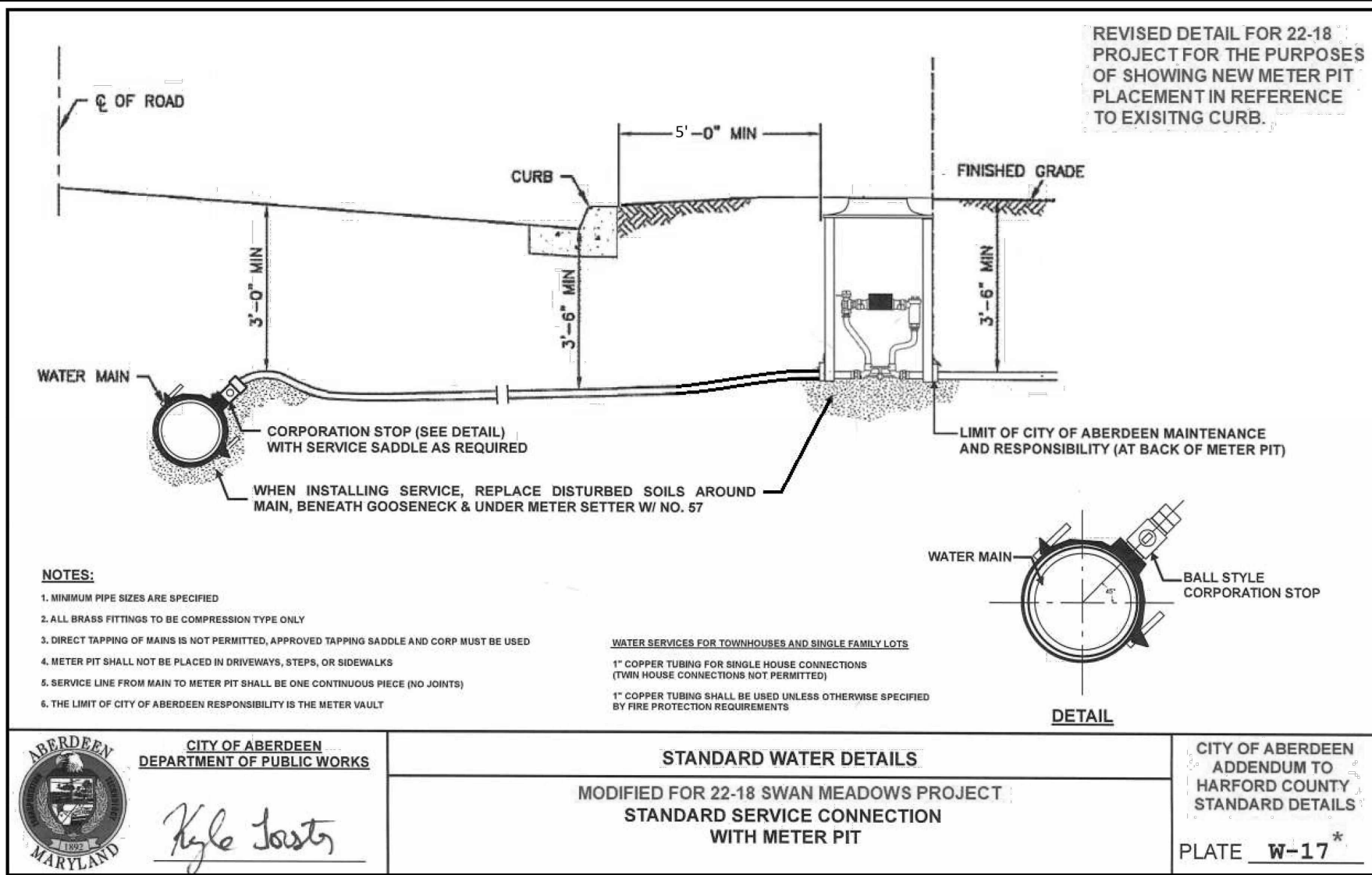
SIGNATURE: _____	
Drafting: TJG	Check: SM/JP
Design: TJG	Check: SM/JP
SCALE:	1"=30'
DATE:	08-14-2026
KCI JOB #:	13158575.SM
SHEET:	C-3.06

WATER PROFILE VIEWS SWAN MEADOWS WATER & SEWER IMPROVEMENTS



2026-08-14	REISSUED FOR BID
DATE	REVISION





2025-08-14
11:56:25AM
C:\Users\gms

- NOTES:
1. CONTRACTOR SHALL FOLLOW THE CITY OF ABERDEEN'S ADDENDUM TO HARFORD COUNTY'S SPECS.
 2. THE CITY'S ADDENDUM AND APPROVED MATERIALS LIST PROHIBIT CERTAIN DETAIL PLATES AND MATERIALS THAT ARE TYPICALLY ALLOWED IN INSTALLATIONS OUTSIDE OF ABERDEEN'S UTILITY SYSTEM. DOCUMENTS ARE AVAILABLE ON THE CITY'S WEB SITE AND CAN BE PROVIDED IN PDF FORMAT.
 3. 90° ELBOWS ARE NOT PERMITTED WITHIN THE CITY'S UTILITY SYSTEM, TWO 45° ELBOWS SHOULD BE USED IN LIEU OF A 90° BEND.

CONSTRUCTION
SET

OWNER/RECEIVER:
60 NORTH PARK STREET
ABERDEEN, MD 211
PH 410-273-7402
FX (410) 273-7402

DATE: 2025-08-14

RESUBMITTED FOR BID
REVISION

KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE (302) 471-5599 FAX (302) 713-1507 Website: www.kci.com

MARYLAND

ABERDEEN

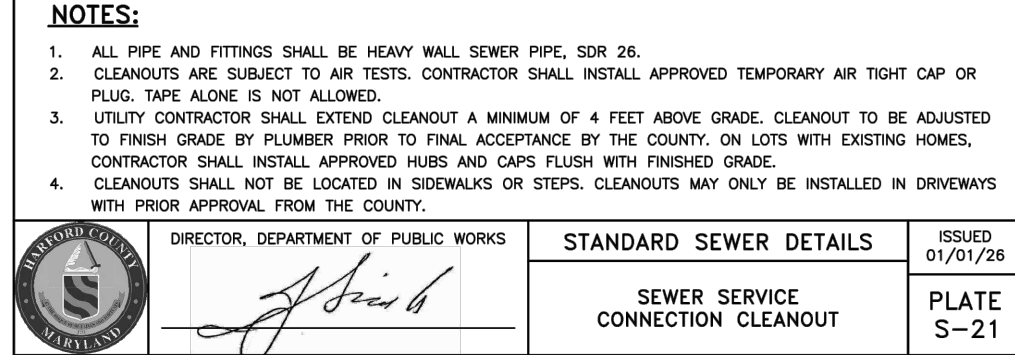
HARFORD COUNTY

CIVIL DETAILS

SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

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. 32783
EXPIRATION DATE: 03-31-2028

SIGNATURE:
Drafting: TJG Check: DRS
Design: TJG Check: DRS
SCALE: NA
DATE: 08-14-2026
KCI JOB #: 13158575.SM
SHEET: C-4.02



NOTES:

1. CONTRACTOR SHALL FOLLOW THE CITY OF ABERDEEN'S ADDENDUM TO HARFORD COUNTY'S SPECS.
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PROFESSIONAL CERTIFICATION
(HEREBY CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A
DAY 1 LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MARYLAND;
EXPIRATION DATE 04-18-28
LIC# 3771)



SIGNATURE:

Drafting: T.J.G	Check: DRS
Design: T.J.G	Check: DRS
SCALE: NA	
DATE: 08-14-2026	
KCI JOB #: 13158575.SM	
SHEET: C-4 04	

ABERDEEN

CIVIL DETAILS

SWAN MEADOWS WATER &
SEWER IMPROVEMENTS

HARFORD COUNTY

MARYLAND

0
SCALE - PLAN: NA

KCI TECHNOLOGIES, INC.
ENGINEERS - PLANNERS - SURVEYORS
614 N. DuPont Highway, Suite 100 Dover DE 19901
PHONE: (302) 747-5999 FAX: (302) 731-7867 Website: www.kci.com

[illegible]

REISSUED FOR BID