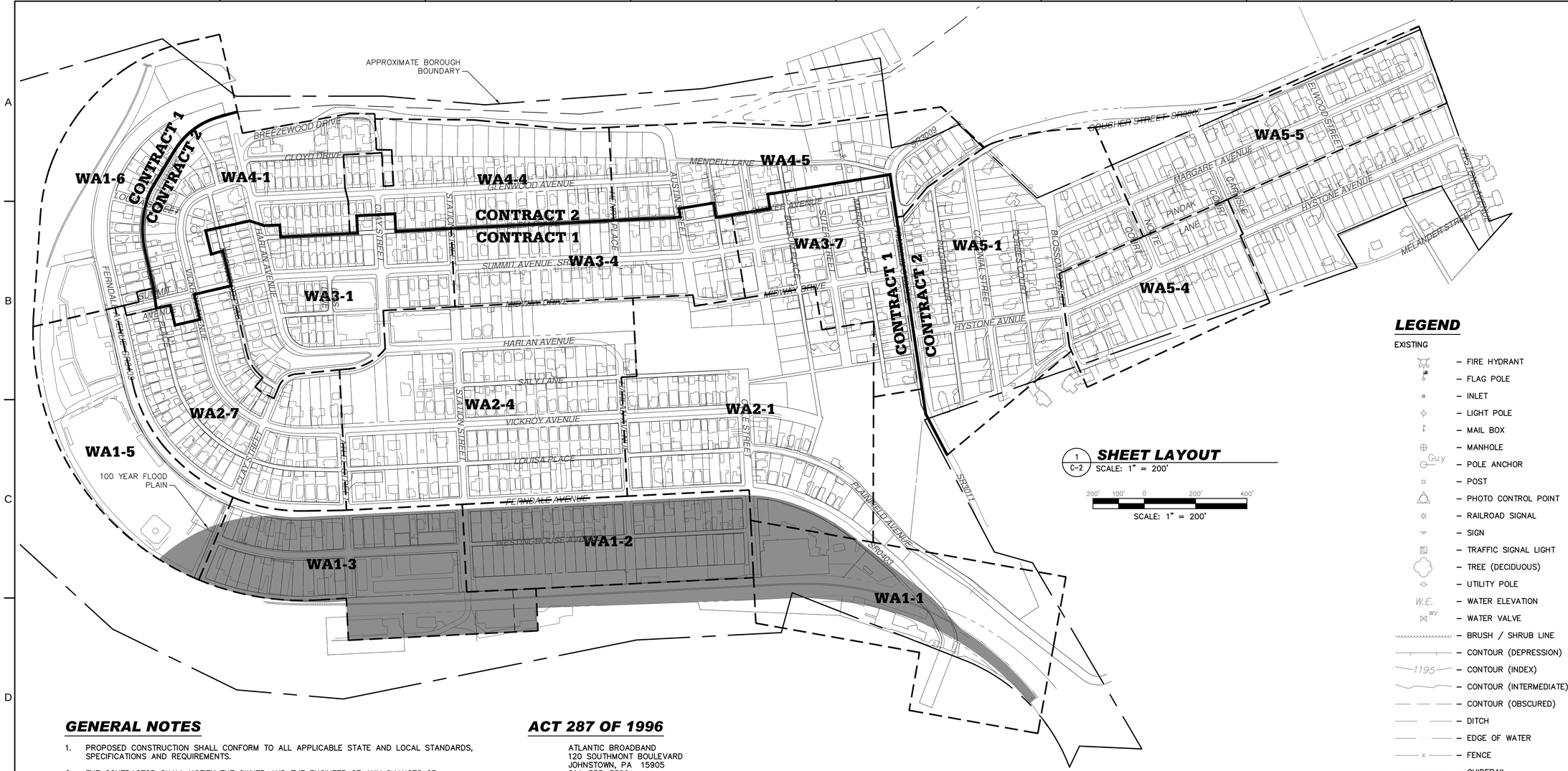


1 C-2 **SHEET LAYOUT**
SCALE: 1" = 200'

200' 100' 0 200' 400'
SCALE: 1" = 200'

## LEGEND

EXISTING

- FIRE HYDRANT
- FLAG POLE
- INLET
- LIGHT POLE
- MAIL BOX
- MANHOLE
- POLE ANCHOR
- POST
- PHOTO CONTROL POINT
- RAILROAD SIGNAL
- SIGN
- TRAFFIC SIGNAL LIGHT
- TREE (DECIDUOUS)
- UTILITY POLE
- WATER ELEVATION
- WATER VALVE
- BRUSH / SHRUB LINE
- CONTOUR (DEPRESSION)
- CONTOUR (INDEX)
- CONTOUR (INTERMEDIATE)
- CONTOUR (OBSCURED)
- DITCH
- EDGE OF WATER
- FENCE
- GUIDERAIL
- RAILROAD
- STREAM
- TREE LINE
- UNPAVED ROAD
- COMBINED SEWER
- ELECTRIC (UNDERGROUND)
- GAS LINE
- GAS LINE
- STORM SEWER
- WATER LINE
- LOT LINE (APPROX)
- RIGHT-OF-WAY LINE (APPROX)

PROPOSED

- CLEANOUT
- MANHOLE
- TEST PIT
- SANITARY SEWER
- STORM LINE
- CAST-IN-PLACE PIPE
- PIPE BURSTING
- SMOOTH-LINED POLYETHYLENE PIPE
- STATE ROAD PAVEMENT OVERLAY
- 100 YEAR FLOOD PLAIN

## GENERAL NOTES

1. PROPOSED CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL STANDARDS, SPECIFICATIONS AND REQUIREMENTS.
2. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER OF ANY CHANGES OR CONDITIONS ATTACHED TO PERMITS OBTAINED FROM ANY AUTHORITY ISSUING PERMITS.
3. EXISTING TOPOGRAPHY FROM AERIAL MAPPING AND GROUND SURVEYS PREPARED BY BRIAN C. KELLY, PLS. ARIEL MAPPING BASED UPON PHOTOGRAPHY DATED NOVEMBER 2008.
4. CONTOURS BASED ON U.S.G.S. DATUM SYSTEM; POSITION BASED ON PA SOUTH ZONE STATE PLANE COORDINATE SYSTEM, NAD83 1996 CORPS CORRECTION.
5. NEW MANHOLE RIM ELEVATIONS ARE APPROXIMATE. FINAL ELEVATIONS TO BE SET IN FIELD TO MATCH SLOPE OF EXISTING GRADE.
6. SERVICE LATERAL LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. EXACT LOCATIONS FOR SERVICE LATERALS TO BE DETERMINED IN THE FIELD BY THE INSPECTOR AND HOMEOWNER.
7. THE CONTRACTOR SHALL REFER TO SPECIFICATIONS, SPECIAL CONDITIONS FOR PROTECTION OF PRIVATE UTILITIES.
8. THE INDIVIDUAL SERVICE LINES OF UTILITIES ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL MAKE PROVISIONS TO LOCATE AND PROTECT THESE LINES DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES BY EXCAVATION OF TEST PITS AT CRITICAL LOCATIONS DETERMINED BY THE ENGINEER PRIOR TO CONSTRUCTION.
10. ALL DRAINAGE WAYS WITHIN THE PROJECT AREA ARE UNNAMED TRIBUTARIES TO KAUFMAN RUN AND STONY CREEK RIVER.
11. ALL SIZES LOCATIONS & DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE.
12. CONCRETE ENCASEMENT AT WATER LINE CROSSINGS IS SHOWN WHERE 18 INCH VERTICAL SEPARATION IS NOT ANTICIPATED. ALL WATER LINE CROSSINGS SHALL BE EVALUATED IN THE FIELD, AND CONCRETE ENCASEMENT SHALL BE PROVIDED ON ALL SEWER LINES WHERE THIS SEPERATION IS NOT PROVIDED.
13. MANHOLE INSERTS WILL BE ADDED DURING CONSTRUCTION FOR ANY FIELD CONDITION THAT WARRANTS IT AT THE ENGINEERS DISCRETION

## ACT 287 OF 1996

ATLANTIC BROADBAND
120 SOUTHMONT BOULEVARD
JOHNSTOWN, PA 15905
814-535-3506

BOROUGH OF FERNDALE
109 STATION STREET
JOHNSTOWN, PA 15905

CAMBRIA SOMERSET AUTHORITY
244 WALNUT STREET
JOHNSTOWN, PA 15901
814-532-8851

DOMINION PEOPLES
3115 ELTON ROAD
JOHNSTOWN, PA 15904-2795
814-269-6324

GREATER JOHNSTOWN WATER AUTHORITY
640 FRANKLIN STREET
JOHNSTOWN, PA 15901
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PENELEC
311 INDUSTRIAL PARK ROAD
JOHNSTOWN, PA 15904-1994

VERIZON COMMUNICATIONS, INC.
395 INDUSTRIAL PARK ROAD
JOHNSTOWN, PA 15904
814-536-6391

1. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF ACT 187 OF THE GENERAL ASSEMBLY WHICH DEFINES THE PROCEDURES FOR THE NOTIFICATION TO PUBLIC UTILITIES PRIOR TO EXCAVATION.
2. THE LOCATION OF UTILITY LINES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD LOCATE ALL UTILITY LINES BEFORE EXCAVATION.
3. PA ONE CALL SYSTEMS INC.
1-800-242-1776

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Seal

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL DANIEL DIEHM ENGINEER 33718-E

BOROUGH OF FERNDALE
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Johnstown, PA

SANITARY SEWER SEPARATION PROJECT

| Rev. | Description | Date |
|---|---|---|
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Date Issued: 09-13-2011

Sheet Title
General Information & Sheet Layout

Sheet Number
C-2

CJL Project Number: 08-379