



- General Notes**
1. This Plan was prepared without the benefit of a title report. Therefore there may be encumbrances not shown hereon.
 2. The working limits are within the limits of Zone "X" as shown on the FEMA Flood Insurance Rate Map Panel No. 51161C0163G, effective date September 28, 2007. This determination is based on said map and has not been verified by actual field elevations.
 3. Property boundary extends beyond the limits of this Plan.
 4. The Plan was prepared from a partial field survey by Parker Design Group.
 5. The location of existing underground utilities is based upon visible field features and available records. The location shown should be considered approximate. There may be utilities which affect the property not shown hereon. Contractor shall call "Miss Utility" to verify location of any underground utilities prior to any construction.
 6. Elevations shown are on NAVD '88 datum, established by two (2) GPS points, and elevation difference verified in the field. Existing contours shown are at 2.0' intervals.
 7. Other items shown in the background (all items not surveyed) are shown from record drawings, online information, or client provided data and have not been verified. This information should be considered approximate at best.
 8. Portions of this property have encumbrances under Federal RCRA rules. This has not been evaluated for its impact on the proposed work.
 9. Portions of this property have encumbrances under prior stormwater agreements. This has not been evaluated for its impact on the proposed work.

- General Demolition Notes**
- The Contractor shall provide at least the following protections at the job site:
1. Make arrangements, before initiating demolition, for relocating, abandoning, or similar action as may be required relative to utilities mentioned, such as overhead and underground electric, telephone, gas, water, etc.
 2. Ensure safe passage of persons around all areas of demolition. Conduct operations to prevent damage to adjacent buildings, structures, other facilities, or injury to persons.
 3. Promptly repair damages caused to adjacent facilities by demolition operations at no costs to the Owner(s).
 4. Maintain existing utilities indicated to remain, keep in service, and protect against damage during demolition operations, prevent interruption of services. Provide temporary services during interruptions to existing utilities as acceptable to governing authorities.
 5. Use water sprinkling and other suitable methods to limit dust and dirt pollution to the lowest practical level.
 6. Comply with governing regulations pertaining to environmental protection.
 7. Return adjacent areas to the conditions prior to the start demolition work.
 8. Permits, fees, and licenses shall be secured and paid for by the Contractor, including disposal charges as required.
 9. All work shall comply with the requirements of the governing authorities in demolition of existing pavement, concrete, curb, and other structures as may be required.
 10. The site shall be cleared and selected items removed as shown within the limits of disturbance. All debris shall be removed from the site. The Contractor shall saw-cut curb, pavement, etc. at all places where new construction joins the existing.

- Initial Erosion and Sediment Control Measures & Construction Sequence**
- Construction will be sequenced to install initial Erosion and Sediment Control (E&SC) measures prior to demolition.
- Contractor shall install Construction Entrance as shown on Plans. Contractor shall maintain the Construction Entrance per VA ESCH Std. & Spec 3.02.
 - Contractor shall install Silt Fence and all other initial E&SC measures as shown on Plans.
 - After the initial E&SC measures are installed, the Contractor may begin demolition.
 - Topsoil stockpiling may occur in suitable locations determined by the Contractor. Silt Fence shall be placed around the perimeter of the stockpile. Temporary Seeding measures apply to stockpiles.
 - The Contractor shall check and verify all existing perimeter E&SC measures around the site. Any perimeter E&SC measures that are damaged shall be repaired to control sediment laden runoff from entering adjacent properties and/or streams and swales.
 - In any areas where sediment laden water is being pumped from a location, the pumped runoff shall be filtered through a "filter bag" before being released.
 - The Contractor shall keep materials and equipment on-site to keep dust levels at a minimum.
 - The Contractor shall maintain the E&SC measures as identified under the "maintenance" section of this document.
 - Sediment shall be removed from measures prior to sediment reaching one-half the barrier for Silt Fence.
 - All vegetative and structural E&SC practices will be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook (VA ESCH).
 - All disturbed areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is reached.
 - The contractor is responsible for the installation of any additional E&SC measures necessary to prevent erosion and sedimentation as determined by the local authority.
 - The Contractor shall inspect all E&SC measures periodically and after each runoff producing rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately.

Note on CWA Data

- assembled from three or more sources by CWA
- vertical datum is different than ours
- indicated by color, or, marked 'CWA'

Site Specific Demolition Notes

DN-1 Contractor shall remove existing stacked walls and jersey walls.
DN-2 Contractor shall remove overhead wiring, poles, and guy wires.
DN-3 Contractor shall remove existing sanitary structure and portions of existing pipe as necessary. The Contractor shall properly restore the excavation with compacted material per these Plans, or as directed by the Structural Engineer.
DN-4 Contractor shall demolish existing pavement within the area shown. Boundary is to be cleanly saw-cut by Contractor.
DN-5 Contractor shall demolish existing waterline and appurtenances within the area shown.

- EROSION AND SEDIMENT CONTROL MEASURES**
- Provide the following:
- CE CONSTRUCTION ENTRANCE MEETING VA ESCH STD. & SPEC. 3.02
 - SF SILT FENCE MEETING VA ESCH STD. & SPEC. 3.05
 - IP INLET PROTECTION MEETING VA ESCH STD. & SPEC. 3.07
 - TS TEMPORARY SEEDING MEETING VA ESCH STD. & SPEC. 3.31
 - PS PERMANENT SEEDING MEETING VA ESCH STD. & SPEC. 3.32
 - MU MULCHING MEETING VA ESCH STD. & SPEC. 3.35
 - BM BLANKET MATTING MEETING VA ESCH STD. & SPEC. 3.36
 - DC DUST CONTROL MEETING VA ESCH STD. & SPEC. 3.39
 - OP OUTLET PROTECTION VA ESCH STD. & SPEC. 3.18

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COMMONWEALTH OF VIRGINIA

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12/14/2017
PROFESSIONAL ENGINEER

STEEL DYNAMICS
Spare Parts Warehouse 2017
Tax # 6021103
City of Roanoke, Virginia

REVISIONS:

Rev. 1	per City Comments	2017-09-19
Rev. 1	Completed	2017-09-19
Rev. 2	Client Information	
Rev. 2	Completed	2017-09-27
Rev. 3	Revised for consistency	
Rev. 3	Completed	2017-10-16
Rev. 4	Revised for Water & Dev	
Rev. 4	Completed	2017-11-01
Field Rev. #1	Utility Conflicts	
Field Rev. #1	Completed	2017-12-14

DESIGNED BY: CDS
DRAWN BY: CDS
CHECKED BY: SRB

DATE:
September 18, 2017

SHEET TITLE:
Existing Cond.,
Demo., & Initial
ESC Plan

SCALE:

SHEET NO.
C02