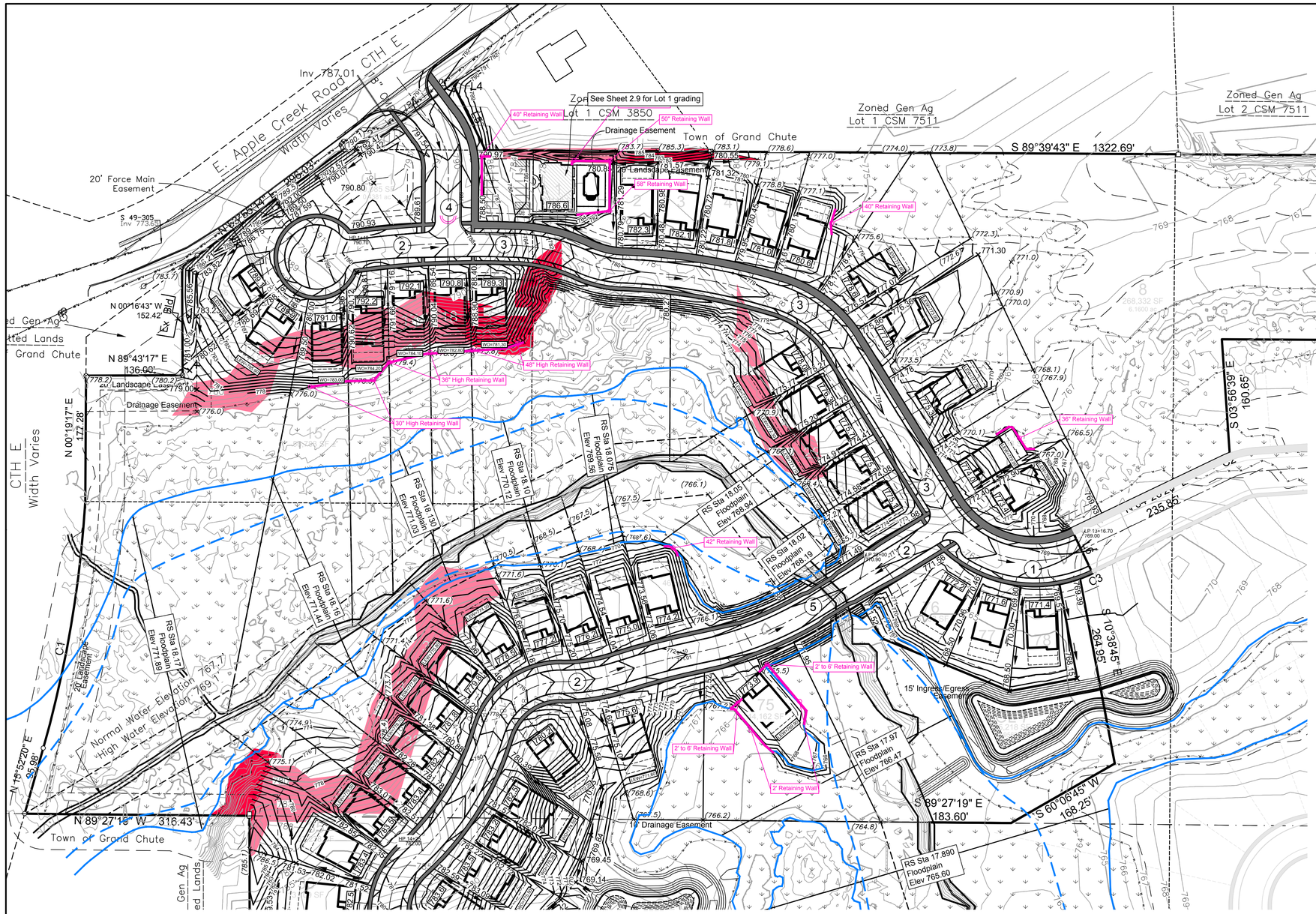

BENCHMARKS (City of Appleton)

BM 1 Fire Hydrant, Shoulder (top of cast)
±72 ft North of Int of Ridge Haven Ln and Ballard
West Right-of-way of Ballard Road
(City of Appleton BM# 2801)
Elev 785.03'

BM 2 Fire Hydrant, Shoulder (top of cast)
±145 ft East of Int of Ballard Rd and Apple Creek Rd (CTH E)
South Right-of-way of Apple Creek Road
(City of Appleton BM# 2987)
Elev 781.77'

BM 3 Fire Hydrant, Shoulder (top of cast)
±460 ft East/Northeast of BM 2
Southeast Right-of-way of Apple Creek Road
(City of Appleton BM# 2986)
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BM 4 Fire Hydrant, Shoulder (top of cast)
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Southeast Right-of-way of Apple Creek Road
(City of Appleton BM# 2984)
Elev 787.39'

LEGEND

- Underground Cable TV
- Underground Fiber Optic
- Overhead Electric Lines
- Utility Guy Wire
- Sanitary Sewer
- Storm Sewer
- Underground Electric
- Underground Gas Line
- Underground Telephone
- Water Main
- Wetlands
- Treeline
- Culvert
- 800 Index Contour
- 799 Intermediate Contour
- Proposed Storm Sewer
- 608 Proposed Contour
- Proposed Swale
- Proposed Culvert
- [607.86] Adjacent Plat Grade
- 608.73 Prop. Lot Corner Elevation
- ×608.73 Proposed Spot Elevation
- × (608.7) Existing Grade
- Sanitary MH / Tank / Base
- Clean Out / Curb Stop / Pull Box
- Storm Manhole
- Inlet
- Catch Basin / Yard Drain
- Water MH / Well
- Hydrant
- Utility Valve
- Utility Meter
- Utility Pole
- Light Pole / Signal
- Guy Wire
- Electric Pedestal
- Electric Transformer
- Air Conditioner
- Telephone Pedestal
- Telephone Manhole
- Proposed Storm Manhole
- Proposed Curb Inlet
- Prop. Catch Basin / Yard Drain
- Proposed Endwall
- Proposed Rip Rap
- Prop. Drainage Direction
- LEW Ground Grade at Foundation adjacent to "Lower Exposed Windows"
- CATV Pedestal
- Gas Regulator
- Sign
- Soil Boring
- Benchmark
- ½" Rebar Found
- 1" Iron Pipe Found
- Government Corner
- Recorded As
- Asphalt Pavement
- Concrete Pavement
- Gravel
- Steep Slopes (12 - 20%)
- Severe Slopes (> 20%)
- Proposed 100-Year Floodplain
- Proposed 100-Year Floodway
- # Typical road cross section see sheet 2.1
- RS Sta 17.97 Floodplain Elev 766.47 Apple Creek River Station & Flood Elevation
- 000.0 Proposed Garage Floor Elevation & Proposed Ground Elevation @ Foundation
- WO Ground Grade at Foundation adjacent to "Basement Walkout"

N

80 0 80 160 240

NOTES:

1. Lots 17, 18, 19 and 20 contain severe slopes. The application for a building permit shall be accompanied by a Drainage and Grading Plan, an Erosion Control Plan, a Plot Plan, and a Building Foundation Design Plan prepared by a Licensed Professional Civil Engineer or Structural Engineer registered in the State of Wisconsin, trained and experienced in the practice of geotechnical engineering. The engineer shall provide the design and supervision such that, in the engineer's opinion, the development does not and will not compromise in any way the stability of the soil on site or soil on lands which are adjacent, and will not cause or contribute to such soils becoming susceptible to land slip, land slide, rock fall, mud flow, debris flow, erosion, slumping, settling or other such occurrence.
2. Lots 8, 11, 12, 23-28, 57-60, 75-79, OL 4, and OL 6 are located in flood fringe areas to be removed from flood plain by filling. A Wisconsin Professional Engineer shall provide a certification prior to occupancy that the structure is reasonably safe from flooding, per FEMA Technical Bulletin 10-01, Figure 1.
3. Impervious structures/areas may be in wetland protective areas if the impervious area is made to drain away from the wetland.
3. Impervious areas will be allowed in wetland protective areas if said impervious area is captured and diverted to storm sewers or if authorization if received from Wisconsin Department of Natural Resources for impervious areas within the wetland protective area draining directly to wetland. The wetland protective area width is based on the existing vegetative cover per Chapter NR 151.125. Several locations have have more than a single cover type and the most restrictive wetland protective area setback is shown on this plan (cultivated wetlands being less susceptible 10' to 30' setback pending wetland width and all other wetlands being not less or highly susceptible 50' setback).Lots 1-3, 13-19 shall have roof downspouts discharge in a non-erosive manner to promote infiltration.
4. Lots 26, 27, 35, 67, 68, 76 shall have all roof downspouts connection to storm sewer lateral.
5. All contractors shall exercise care on Lots 1, 2 , 13-19 and Outlot 1 to avoid compaction of insitu sandy loam soils and avoid mixing or importing of soil within these lots.

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
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1811 Racine Street Menasha, WI 54952
Ph: 920-991-1868 Fax: 920-830-9595
www.davel.pro

FINAL DRAINAGE PLAN - NORTH

Apple Ridge

City of Appleton, Outagamie County, WI
For: Apple Tree Appleton Four, LLC

Date:	02/9/2019
Filename:	5090corr.dwg
Author:	MDB
Last Saved by:	tim
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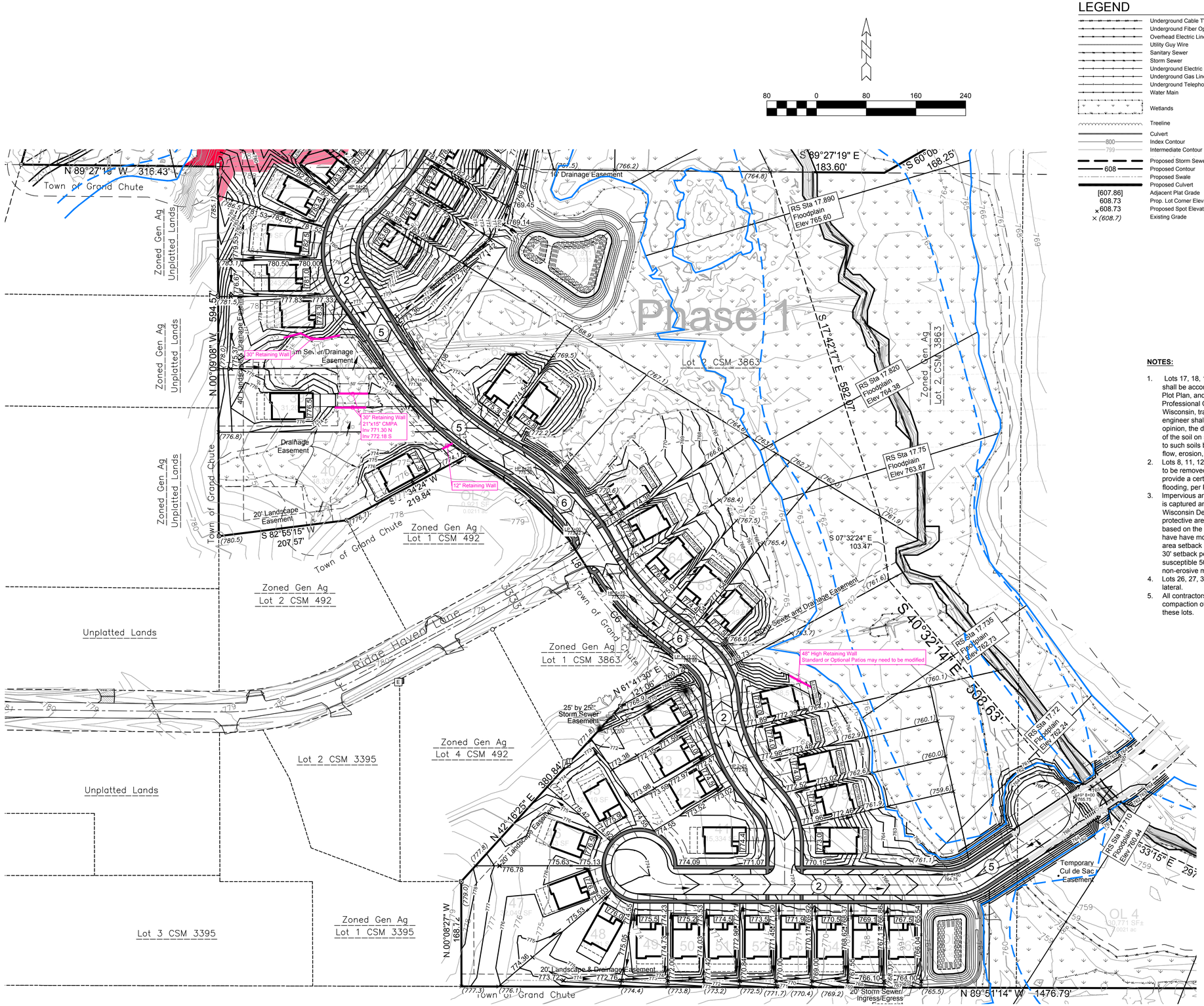

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FINAL DRAINAGE PLAN - SOUTH

Apple Ridge

City of Appleton, Outagamie County, WI
For: Apple Tree Appleton Four, LLC

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