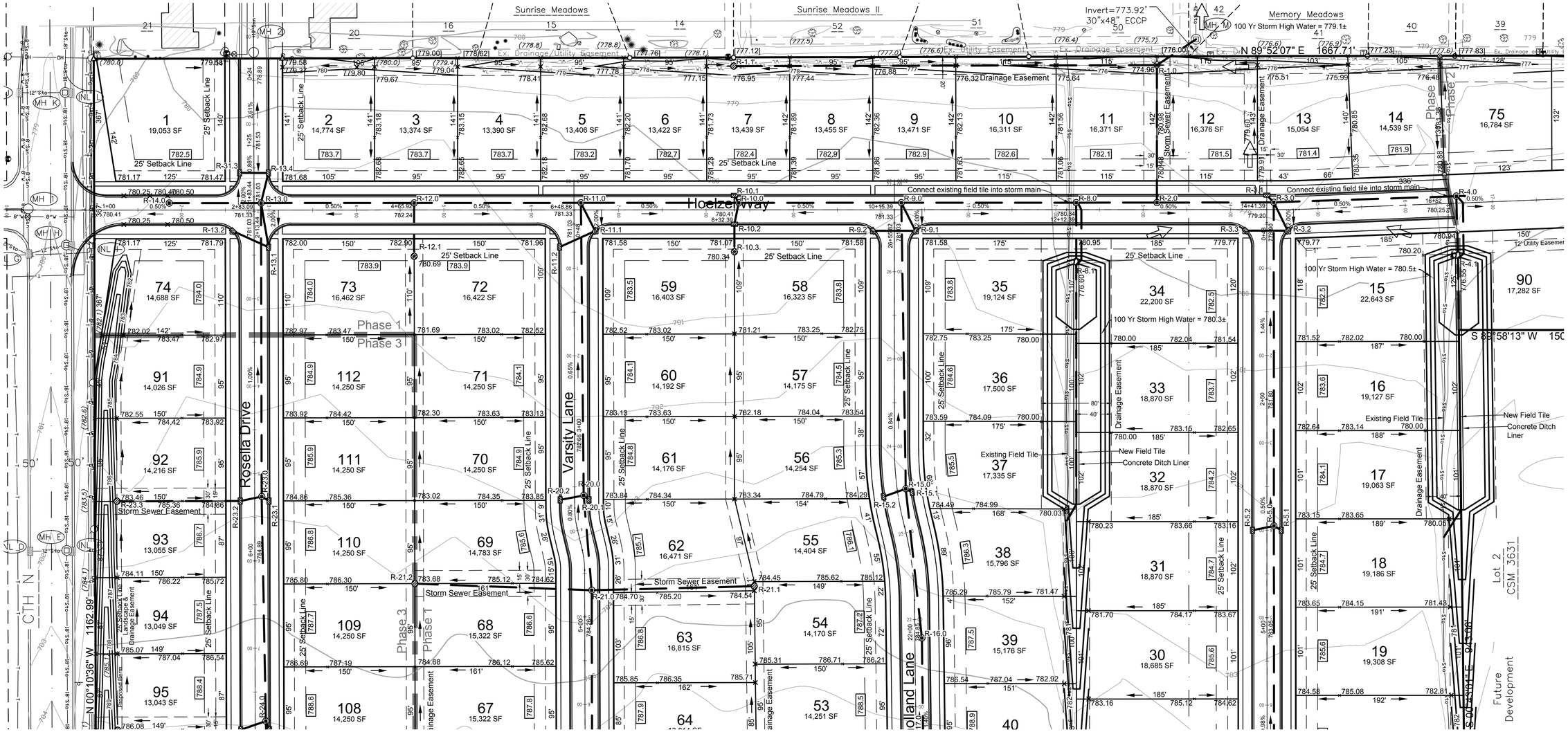

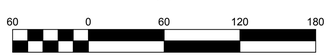

LEGEND

DH	Overhead Electric Lines		Sanitary MH / Tank / Base		Deciduous Tree
San	Sanitary Sewer		Clean Out / Curb Stop / Pull Box		Coniferous Tree
Sto	Storm Sewer		Storm Manhole		Bush / Hedge
G	Underground Gas Line		Inlet		Benchmark
T	Underground Telephone		Water MH / Well		1¼" Rebar Found
WL	Wetlands		Hydrant		¾" Rebar Found
	Culvert		Utility Valve		1" Iron Pipe Found
800	Index Contour		Utility Pole		Witness Monument
799	Intermediate Contour		Light Pole / Signal		Government Corner
			Telephone Pedestal	( )	Recorded As
	Proposed Storm Sewer		Proposed Storm Manhole		Asphalt Pavement
608	Proposed Contour		Proposed Curb Inlet		Concrete Pavement
	Proposed Swale		Prop. Catch Basin / Yard Drain		
	Proposed Culvert		Proposed Endwall		
[607.86]	Adjacent Plat Grade		Proposed Rip Rap		
608.73	Prop. Lot Corner Elevation		Prop. Drainage Direction		
×608.73	Proposed Spot Elevation	000.0	Prop. Ground Grade @ Fnd.		
× (608.7)	Existing Grade		100 Yr Overland Flow Path		

BENCHMARKS (NAVD88)

BM 2 Fire Hydrant, Tag Bolt
NW Quad of Cty Hwy "N"/Hoelzel Way Int.
Elev 782.37'

BM 3 Fire Hydrant, Tag Bolt
NE Corner Lot 1, Rosella Dr. R/W
Elev 780.55'

BM 6 Fire Hydrant, Tag Bolt
NE Corner Lot 74, Int of Hoelzel Way & Rosella Drive
Elev 783.11'

BM 7 Fire Hydrant, Tag Bolt
NE Corner Lot 72, Int of Hoelzel Way & Varsity Lane
Elev 783.02'

BM 8 Fire Hydrant, Tag Bolt
NE Corner Lot 58, Int of Hoelzel Way & Mulholland Lane
Elev 783.10'

BM 9 Fire Hydrant, Tag Bolt
NE Corner Lot 34, Int of Hoelzel Way & Touchdown Drive
Elev 781.16'

BENCHMARKS (NAVD88)

BM 10 Fire Hydrant, Tag Bolt
Between Lot 86 & 87, Hoelzel Way R/W
Elev 781.98'

BM 11 Fire Hydrant, Tag Bolt
NE Corner Lot 84, Int Hoelzel Way & Dusty Drive
Elev 783.16'

BM 12 Fire Hydrant, Tag Bolt
Between Lots 29 & 30, Touchdown Drive R/W
Elev 785.84'

BM 13 Fire Hydrant, Tag Bolt
SE Corner Lot 25, Int Touchdown Dr. & Schmidt Rd.
Elev 793.88'

BM 14 Fire Hydrant, Tag Bolt
Between Lot 43 & 44, Jones Way R/W
Elev 790.62'

BM 15 Fire Hydrant, Tag Bolt
Between Lots 54 & 55, Mulholland Lane R/W
Elev 786.32'

BM 16 Fire Hydrant(Temporary), Tag Bolt
±70 West of Jones Way & Varsity Lane Int.
Elev 790.51'

NOTES:

1. Permanent Benchmark shall be set on all new fire hydrants within the subdivision.
2. Silt fence shall be installed along the right of way line after construction of street terraces and prior to road acceptance.
3. Regional storm water treatment is provided by the Vans Road Pond for this subdivision.
4. 2.23 Acre-Feet of Storm Water storage is provided in the rear of lots 15-24, 25-35, and 58-66 to attenuate the increase in runoff from this subdivision so as not to make flooding more frequent or severe along the north property line.
5. Two watersheds totaling 78.6 acres exist south of Manitowoc Road that flow north through this subdivision.
6. The area of this subdivision is 45 acres

DRAINAGE PLAN CERTIFICATION:

I, John R. Davel, Professional Engineer, hereby certify that this Drainage Plan will meet or exceed the requirements of the Calumet County Subdivision Ordinance and the requirements of the Village of Harrison.

John R. Davel, P.E. E-25512 Date

DAVEL ENGINEERING & ENVIRONMENTAL, INC.
CIVIL ENGINEERING CONSULTANTS
1811 Racine Street Menasha, WI 54952
Ph: 920-991-1866 Fax: 920-830-9595
www.davel.pro

DRAINAGE & GRADING PLAN - NORTH

Kimberly Heights

Village of Harrison, Calumet County, WI
For: Dercks DeWitt, LLC

Date:	02/8/2018
Filename:	4773eng.dwg
Author:	JRD
Last Saved by:	katie
Page	1.2

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LEGEND

Overhead Electric Lines	Sanitary MH / Tank / Base	Deciduous Tree	
Sanitary Sewer	Clean Out / Curb Stop / Pull Box	Coniferous Tree	
Storm Sewer	Storm Manhole	Bush / Hedge	
Underground Gas Line	Inlet	Benchmark	
Underground Telephone	Water MH / Well	1¼" Rebar Found	
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Culvert	Utility Valve	1" Iron Pipe Found	
Index Contour	Utility Pole	Witness Monument	
Intermediate Contour	Light Pole / Signal	Government Corner	
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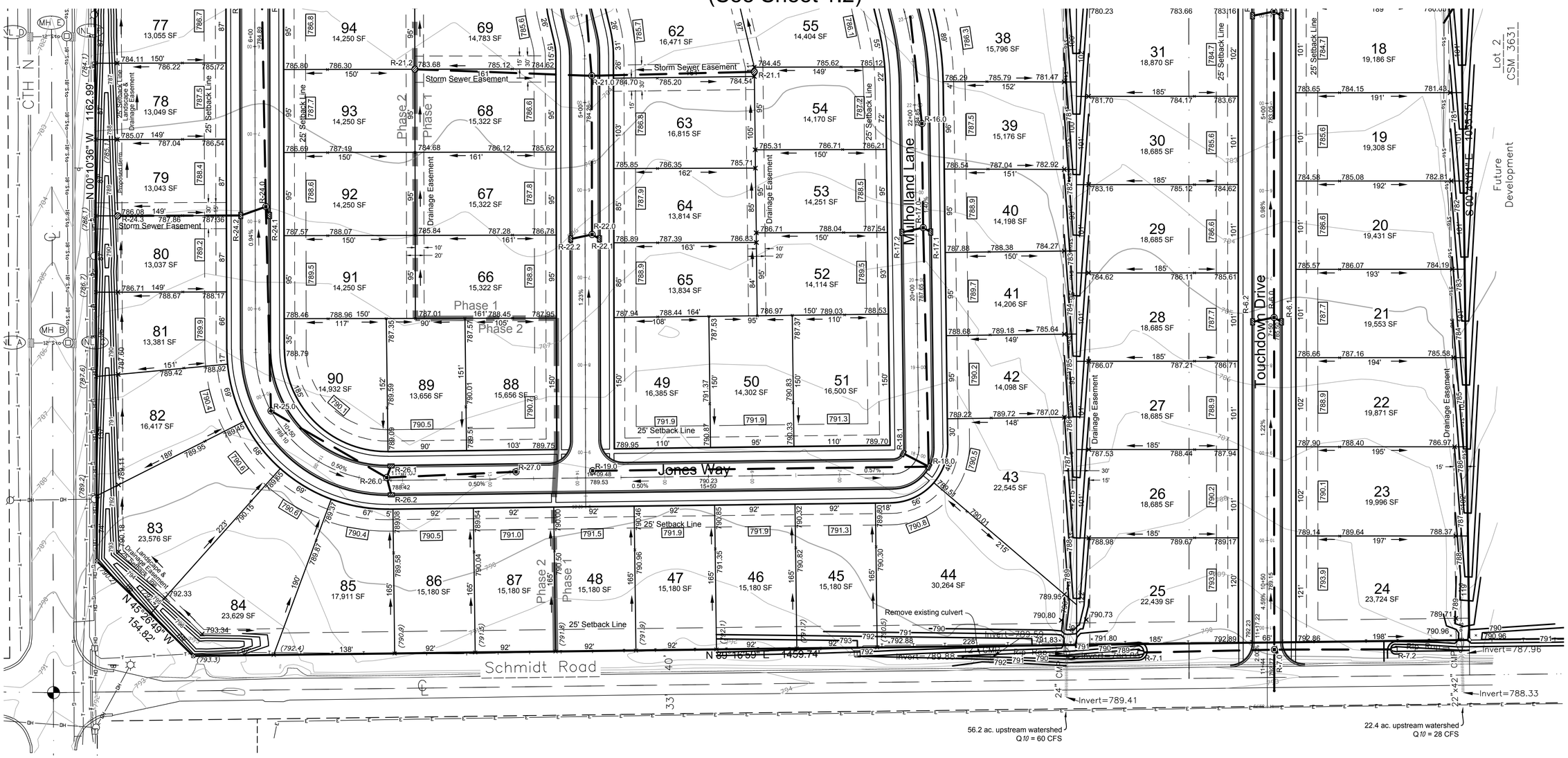
Proposed Storm Sewer	Proposed Storm Manhole	Asphalt Pavement	
Proposed Contour	Proposed Curb Inlet	Concrete Pavement	
Proposed Swale	Prop. Catch Basin / Yard Drain		
Proposed Culvert	Proposed Endwall		
Adjacent Plat Grade	Proposed Rip Rap		
Prop. Lot Corner Elevation	Prop. Drainage Direction		
Proposed Spot Elevation	Prop. Ground Grade @ Fnd.		
Existing Grade	100 Yr Overland Flow Path		

60 0 60 120 180

(See Sheet 1.2)



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DRAINAGE & GRADING PLAN - SOUTH

Kimberly Heights

Village of Harrison, Calumet County, WI
For: Dercks DeWitt, LLC

Date:	10/16/2017
Filename:	4773eng.dwg
Author:	JRD
Last Saved by:	taylor
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