

FLOOD PROTECTIONS TABLE

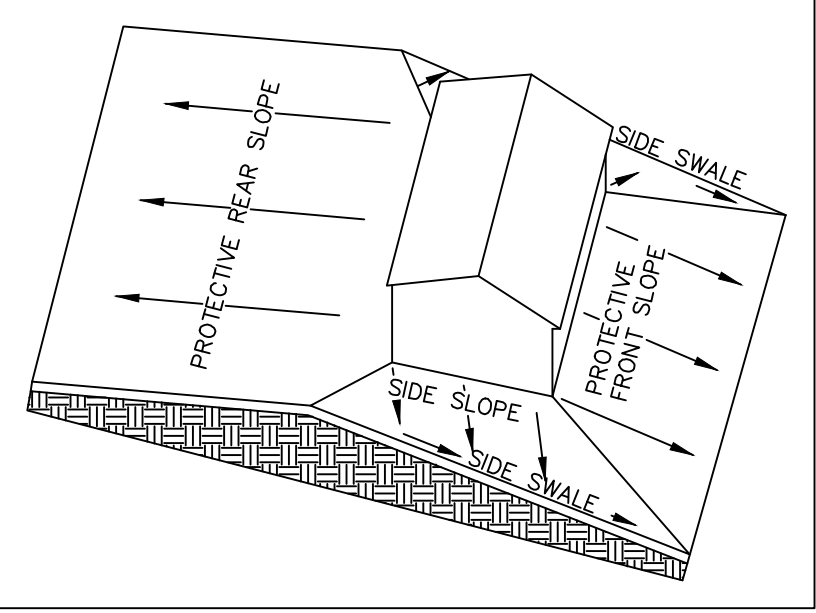
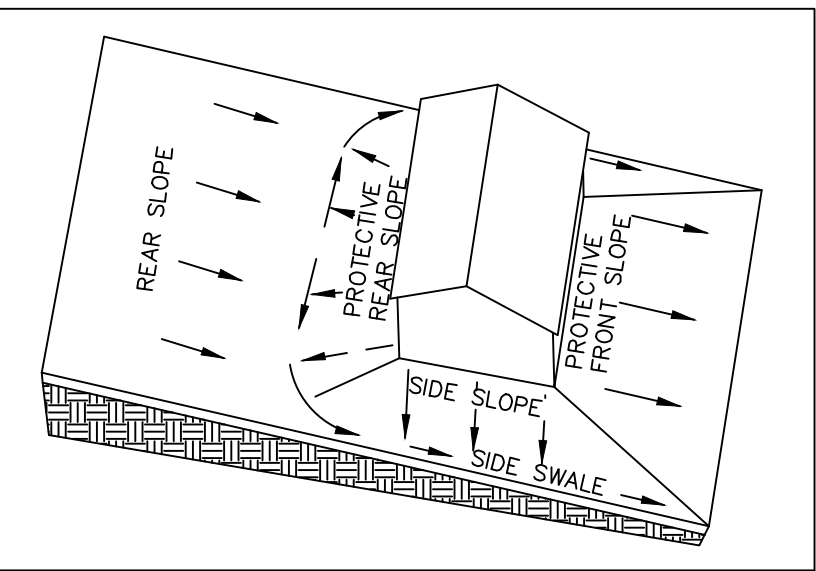
Lot #	100 Year Flood Elevation	Lowest Ground Elevation adjacent to home
2	746.2	747.2
3	746.2	747.2
4	746.2	747.2
5	746.2	747.2
6	746.2	747.2
7	746.2	747.2
9	742.4	743.4
10	742.4	743.4
12	744.2	745.2
13	744.2	745.2
14	744.7	745.7
15	744.7	745.7
16	744.7	745.7
17	744.7	745.7
18	744.7	745.7
19	744.7	745.7
20	744.7	745.7
21	744.7	745.7
23	742.4	743.4
24	742.4	743.4
37	739.9	740.9
38	741.1	742.1
39	741.2	742.2
40	741.3	742.3
41	741.4	742.4
42	741.6	742.6
43	741.8	742.8
44	741.9	742.9
45	742.0	743.0

**BENCHMARKS (NAVD88)**

- BM 0 NGS Monument(DE7760)  
W W Holland Rd  
Elev 728.44'
- BM 1 Fire Hydrant, Shoulder  
SW Quad of French Rd/E Aquamarine Ave.  
Elev 750.21'
- BM 2 Fire Hydrant, Shoulder  
125' S of Rubyred Dr./ West R/W French Rd.  
Elev 747.08'
- BM 3 Fire Hydrant, Shoulder  
480' S of BM2 / West R/W French Rd.  
Elev 748.29'

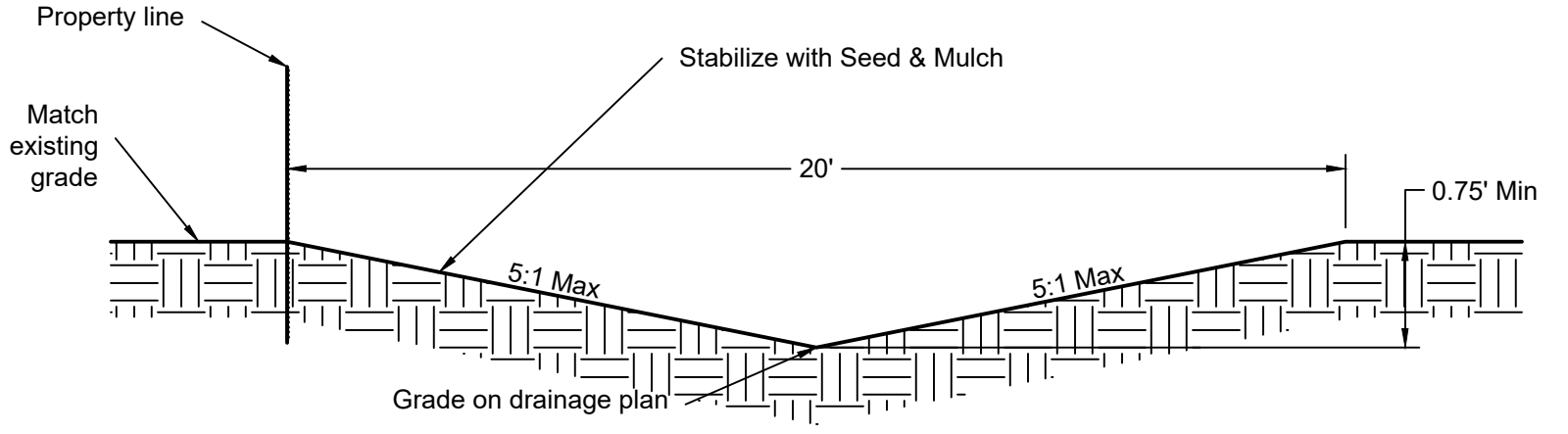
**Notes:**

- The storm water pond is sized to treat the proposed runoff from this development as required by State and local requirements.
- Storm sewers are sized the 5 year storm as estimated by TR55 using NOAA Atlas 14 rainfalls with an MSE4 rainfall distribution.
- Soils in this area are hydrologic group C & D.
- This final drainage plan indicates drainage along lot lines, major drainage swales, and conceptual drainage for each lot. The site planner for each individual home site should design detailed drainage for the interior of the lot based on this information. Suggested grade at foundation elevations and interior saddle point elevations may vary significantly depending upon architecture. The site planner should consult an engineer to determine grade at foundation elevation.
- All setback elevations on lotlines are 50' from Right of Way unless otherwise noted.
- Development in the flood fringe areas must conform to City flood plan zoning requirements.
- Lots 37-45 are subject to additional restrictions related to flooding and wetlands. The wetland setback line as shown is the most restrictive setback. Impervious surfaces, including, but not limited to: buildings, patios, and sidewalks, are not allowed within the wetland protective setback area. Impervious surfaces may be allowed within the wetland protective setback area and outside the wetlands and floodway under the following conditions:
  - Runoff from the impervious surface is made to drain away from the wetland so that it enters the City storm sewer.
  - Written approval has been granted by Wisconsin Department of Natural Resources and submitted to City of Appleton Department of Public works for concurrence, to allow a lesser specified setback to the wetland, according to Maximum Extent Practicable (MEP) consideration.
- Source of Floodplain data is Davel case study dated 4-24-18.



**HOUSE ELEVATIONS:**

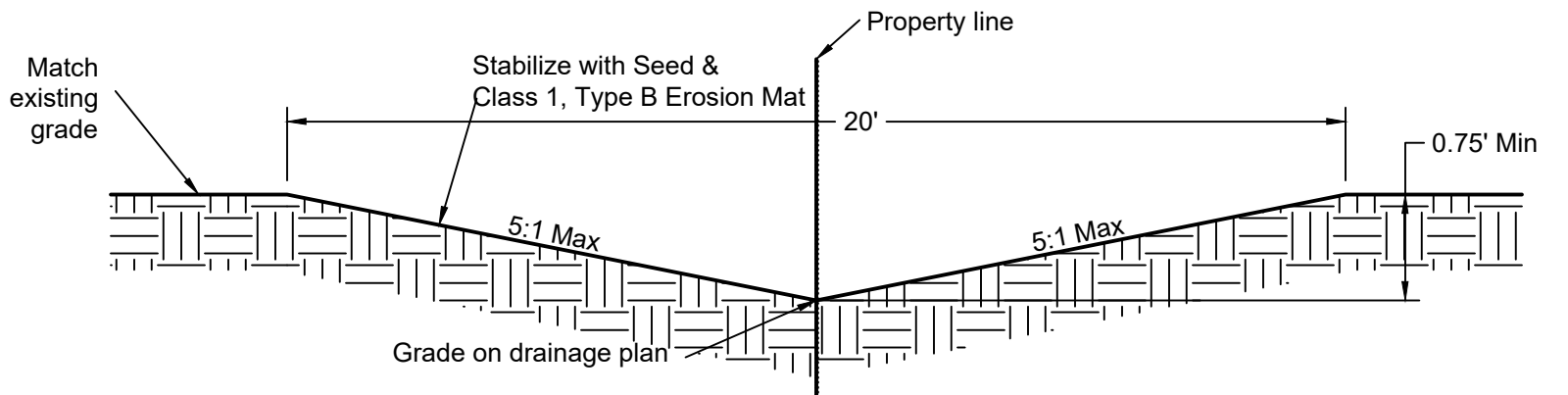
The house elevations shall be set to provide positive drainage away from the building in all directions as shown in the above details. House elevations and driveway locations may need to vary depending on size, location, and architecture of the home. Changes to the interior lot grading plan or house elevations can be allowed only if an individual lot grading plan is prepared by a professional engineer.



**NOTE:**  
Mat should extend to top of bank or 18" vertically, whichever is less.

**NORTH DRAINAGE SWALE SECTION**

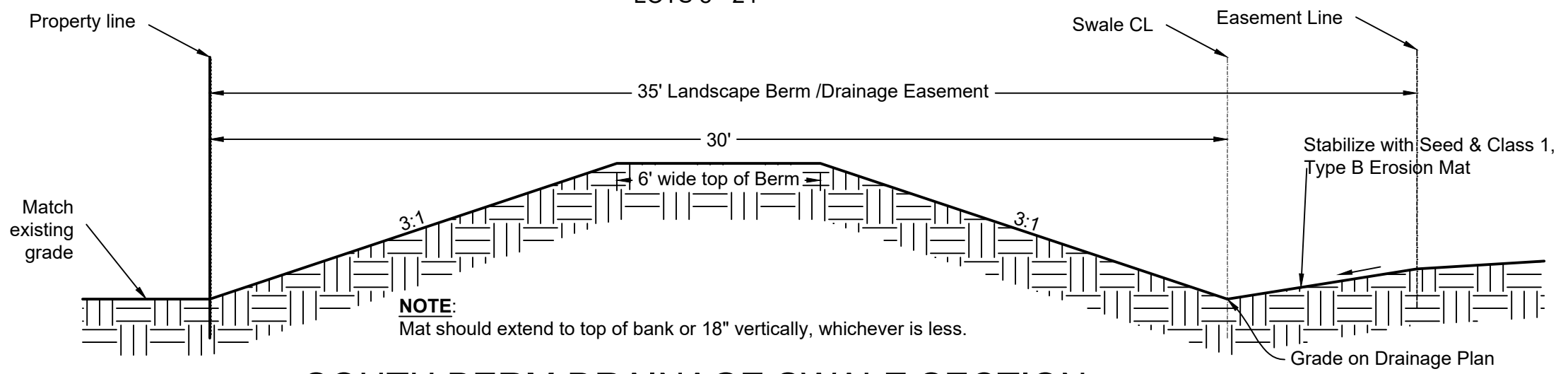
LOTS 1 - 5



**NOTE:**  
Mat should extend to top of bank or 18" vertically, whichever is less.

**REAR YARD DRAINAGE SWALE SECTION**

LOTS 8 - 24



**NOTE:**  
Mat should extend to top of bank or 18" vertically, whichever is less.

**SOUTH BERM DRAINAGE SWALE SECTION**

LOTS 27 - 35

**LEGEND**

- OH Overhead Electric Lines
- San Sanitary Sewer
- E Undergound Electric
- W Water Main
- F Fence - Steel
- W Well
- W Well
- 800 Index Contour
- 799 Intermediate Contour
- Sanitary MH / Tank / Base
- Hydrant
- Utility Valve
- Utility Pole
- Gay Wire
- Wetlands
- 4799.9 Ex Spot Elevation
- Marsh
- Soil Boring
- Benchmark
- Asphalt Pavement
- Concrete Pavement
- Gravel
- Wetlands - Placement of fill is prohibited within this area
- Proposed Storm Manhole
- Proposed Curb Inlet
- Prop. Catch Basin / Yard Drain
- Proposed Endwall
- Proposed Rip Rap
- Prop. Lot Corner Elevation
- Proposed Spot Elevation
- Existing Grade
- Prop. Floodway - Placement of fill is prohibited within this area

