

GENERAL NOTES

1. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF EXISTING UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS NECESSARY TO AVOID DAMAGE TO THESE UTILITIES.
2. CALL GOPHER STATE ONE CALL AT LEAST 48 HOURS PRIOR TO ANY EXCAVATIONS FOR EXISTING UTILITIES LOCATIONS.
3. THE CONTRACTOR SHALL FIELD VERIFY SIZE, ELEVATION, AND LOCATION OF EXISTING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF INSTALLATIONS.
4. ALL UTILITY AND STREET INSTALLATIONS SHALL CONFORM TO THE CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.
5. ALL WORK SHALL BE PERFORMED DURING CITY APPROVED WORKING HOURS. PARKING, EQUIPMENT STORAGE OR MATERIAL STORAGE SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY.
6. NOTIFY CITY A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
7. ALL ELECTRIC, TELEPHONE, AND GAS EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL, SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS, AS NECESSARY TO CONTROL THE MOVEMENT OF TRAFFIC.

TIMING FOR EROSION & SEDIMENT CONTROL

ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS OR IMPLEMENTED IN THE FIELD SHALL BE IN ACCORDANCE WITH THE CITY REQUIREMENTS.

PHASE I:

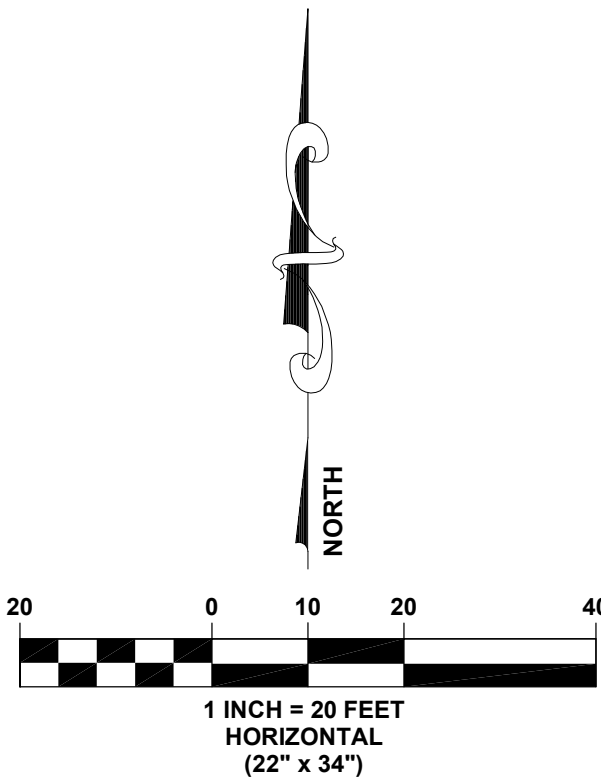
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2. PROVIDE TEMPORARY PARKING AND STORAGE AREA.
3. INSTALL SILT FENCE AS SHOWN ON PLAN.
 - 3.1. ADDITIONAL SILT FENCE MAY BE NECESSARY IF LOCAL CONDITIONS REQUIRE.
 - 3.2. THE CONTRACTOR SHALL MAINTAIN SILT FENCE, INCLUDING THE REMOVAL OF ACCUMULATED SEDIMENT, THROUGH COMPLETION OF BUILDING CONSTRUCTION.
 - 3.3. SILT FENCE SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN STABILIZED.
 - 3.4. CONTRACTOR TO PROVIDE ADDITIONAL SILT FENCE, BIOROLLS, EROSION CONTROL BLANKET, OR OTHER APPROVED EQUAL FOR ANY SLOPES THAT APPEAR TO BE FAILING. (NOTE: EROSION CONTROL BLANKET MUST HAVE NON-FIXED JOINTS AND BE FULLY BIODEGRADABLE; ANY BLANKET NETTING MUST BE LOOSE-WEAVE.)
4. INSTALL INLET PROTECTION FOR ALL EXISTING STORM SEWER STRUCTURES.
5. INSTALL TREE PROTECTION FENCING AS APPLICABLE.
6. PERFORM SITE GRADING ON AN AREA-BY-AREA BASIS TO MINIMIZE UNSTABILIZED AREAS.
 - 6.1. CONTRACTOR MUST IMMEDIATELY INITIATE STABILIZATION OF EXPOSED SOIL AREAS, AS DESCRIBED IN ITEM 8.4 OF THE PERMIT, AND COMPLETE THE STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE TEMPORARILY OR PERMANENTLY CEASES.
 - 6.2. CONTRACTOR TO PROVIDE TEMPORARY SEDIMENTATION BASINS AS REQUIRED IN SECTION 14.1 THROUGH 14.10.
7. PAY SPECIAL ATTENTION TO ADJACENT PROPERTY LINES TO ENSURE THE EROSION CONTROL PRACTICES IN PLACE IN THOSE AREAS PREVENT MIGRATION OF SEDIMENT ONTO ADJACENT PROPERTIES.
8. STABILIZE SOIL STOCKPILES; STABILIZATION SHALL BE INITIATED IMMEDIATELY.
9. FINAL GRADE SWALE AREAS UPON STABILIZATION OF UPSTREAM AREAS.
10. CONTRACTOR SHALL BE RESPONSIBLE TO SWEEP/SCRAPE ADJACENT STREETS WHEN MATERIALS OR DEBRIS HAVE WASHED/FLOWED ONTO ADJACENT STREETS OR AS DIRECTED BY CITY.

PHASE II:

1. PROVIDE TEMPORARY SEED FOR DISTURBED AREAS.
2. INSTALL RIP-RAP AT FLARED-END SECTIONS (AS APPLICABLE).
3. INSTALL TEMPORARY INLET PROTECTION FOR ALL STORM SEWER INLET STRUCTURES IN PAVING AREAS.
4. INSTALL UTILITIES INCLUDING SANITARY SEWER, WATER MAIN, STORM SEWER.
5. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND/OR SOD.
6. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ONLY AFTER SITE HAS BEEN STABILIZED.

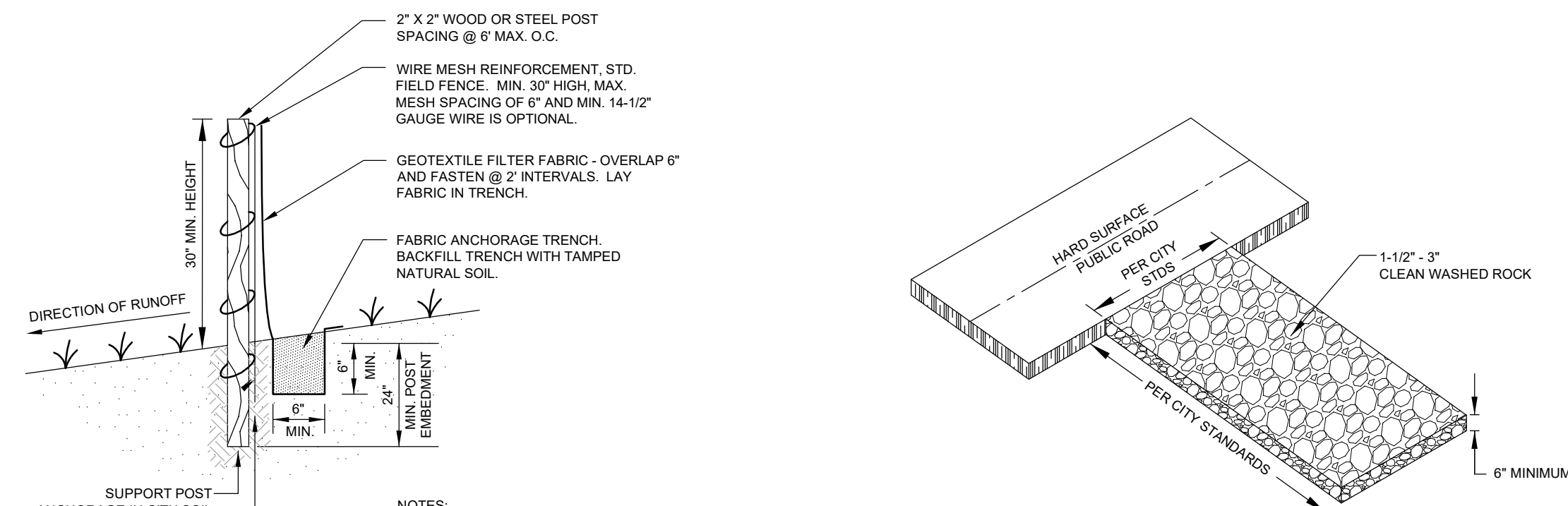
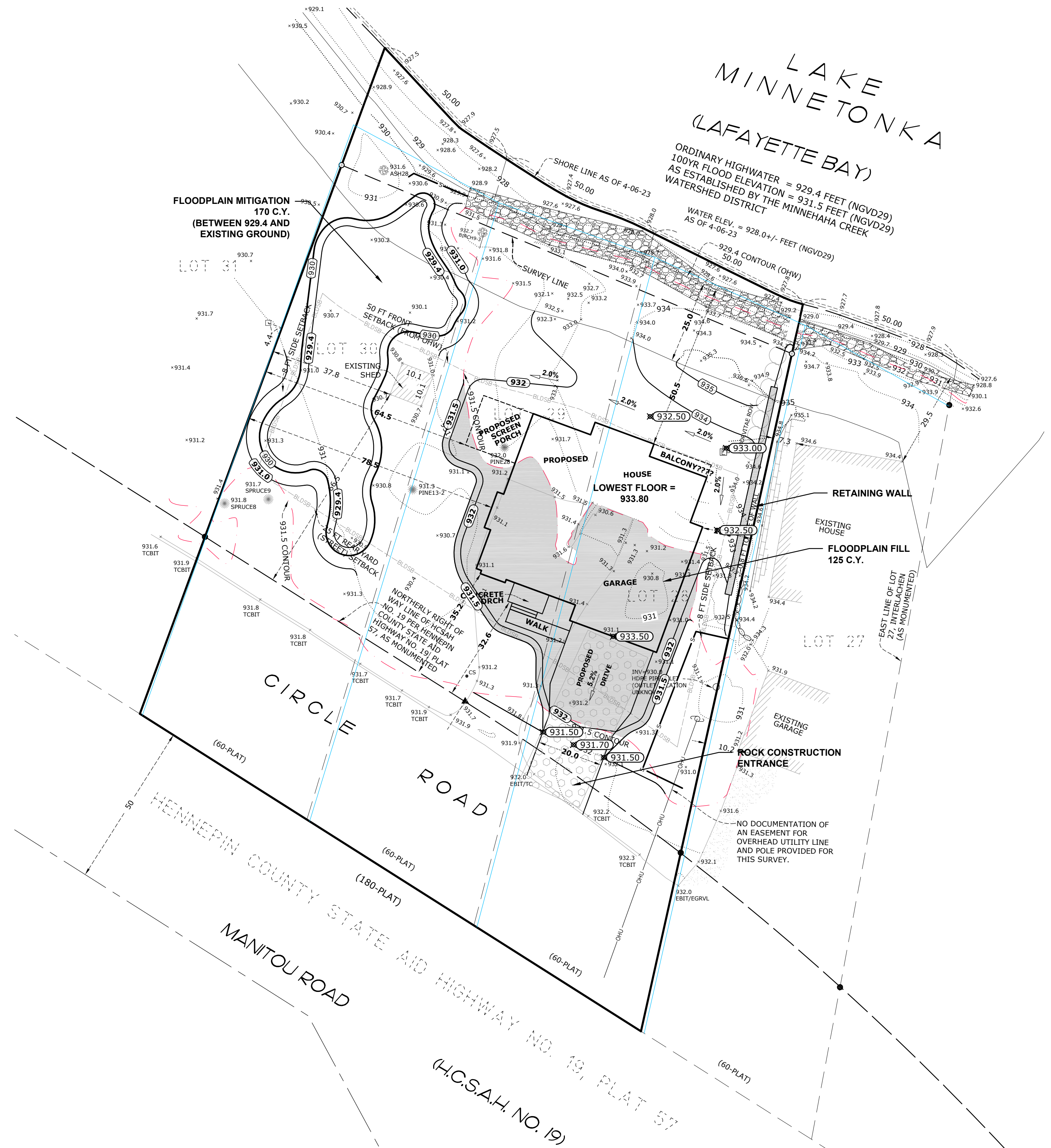
LEGEND

- DENOTES CURB STOP
- DENOTES ELECTRICAL BOX
- DENOTES EXISTING SPOT ELEVATION
- DENOTES GAS METER
- DENOTES GUY WIRE
- DENOTES POWER POLE
- DENOTES RETAINING WALL
- DENOTES EXISTING CONTOURS
- DENOTES OVERHEAD UTILITY
- DENOTES SILT FENCE
- DENOTES BOULDER/RIPRAP SURFACE
- DENOTES CONCRETE SURFACE
- DENOTES GRAVEL SURFACE
- DENOTES PAVER SURFACE
- DENOTES FLOODPLAIN FILL



FROM SECTION 1040 "GENERAL FLOODPLAIN ORDINANCE" 4.32:

Fill shall be properly compacted and the slopes shall be properly protected by the use of riprap, vegetative cover or other acceptable method. The Federal Emergency Management Agency (FEMA) has established criteria for removing the special flood hazard area designation for certain structures properly elevated on fill above the 100-year flood elevation - FEMA's requirements incorporate specific fill compaction and side slope protection standards for multi-structure or multi-lot developments. These standards should be investigated prior to the initiation of site preparation if a change of special flood hazard area designation will be requested. For the purposes of this Paragraph "100 year flood elevation" means the same as the 100 year floodplain elevation for Lake Minnetonka which is 931.5' (NGVD 1929). Fill impacts to the 100 year flood elevation must be offset by an equal amount of excavation between 929.4' (OWH) and 931.5' in an area contiguous to Lake Minnetonka in order to attain no net loss of floodplain storage.



PLOWE ENGINEERING, INC.
 6776 LAKE DRIVE
 LINO LAKES, MN 55014
 PHONE: (651) 361-8210
 FAX: (651) 361-8701

DRAWN BY:	AG	HOUSE MOVED	08/26/24	NO.	DATE	DESCRIPTION
JOB NO.	24-2158	IN/CMD COMMENTS	09/26/24	1	10/01/24	SILT FENCE AND ROCK ENTRANCE ADDED
CHECK BY:	MOA			2		
DATE:	2/2/2022			3		
				4		
				5		
				6		
				7		
				8		

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed professional engineer under the laws of the State of Minnesota.
 ADAM NIKEL
 License No. 43963
 Date: 10/01/2024

4231 CIRCLE RD
 TONKA BAY, MN
STORMWATER MANAGEMENT & GDESC PLAN
 PREPARED FOR: LDK BUILDERS

SHEET
C1.1