

PLAN SYMBOLS

STATE LINE.
COUNTY LINE.
TOWNSHIP OR RANGE LINE.
SECTION LINE.
QUARTER LINE.
SIXTEENTH LINE.
RIGHT-OF-WAY LINE.
PRESENT RIGHT-OF-WAY LINE.
CONTROL OF ACCESS LINE.
PROPERTY LINE (Except Land Lines).
VACATED PLATTED PROPERTY.
CORPORATE OR CITY LIMITS.

TRUNK HIGHWAY CENTER LINE.
RETAINING WALL.
RAILROAD.
RAILROAD RIGHT-OF-WAY LINE.
RIVER OR CREEK.
DRY RUN.
DRAINAGE DITCH.
DRAIN TILE.
CULVERT.
GROUP WHOLE.
GRAND BAIL.
BARBED WIRE FENCE.
WOODEN WIRE FENCE.
CHAIN LINK FENCE.
RAILROAD SNOW FENCE.
STONE WALL OR FENCE.
HEDGE.
RAILROAD CROSSING SIGN.
RAILROAD CROSSING BELL.
ELECTRIC WARNING SIGN.
CROSSING GATE.
MEANDER CORNER.

SPRINGS.
MARSH.
TIMBER.
ORCHARD.
GRASS.
NUISANCE.
CATCH BASIN.
FIRE HYDRANT.
GATE VALVE.
SANITARY SEWER MANHOLE.
STORM SEWER MANHOLE.

OVERPASS (Highway Over).
UNDERPASS (Highway Under).
BRIDGE.

BUILDING (One Story Frame).
T-FRAME.
C-CONCRETE.
S-STEEL.
T-TILE.
H-SHOCK.
ST-STRUCTURE.

IRON PIPE OR ROD.
MONUMENT (STONE, CONCRETE, OR METAL).
WOODEN HUB.
GRAVEL PIT.
ROCK QUARRY.
NAILED X.
SIGN.

UTILITY SYMBOLS.
POWER POLE LINE.
TELEPHONE OR TELEGRAPH.
POLE LINE.
JOINT TELEPHONE AND POWER.
OR POWER POLE.
OR TELEPHONE POLES.

POWER POLE.
ANCHOR.
STEEL TOWER.
STREET LIGHT.
PEDESTAL (TELEPHONE CABLE TERMINAL).
GAS MAIN.
WATER MAIN.
CONDUIT.

TELEPHONE CABLE IN CONDUIT.
ELECTRIC CABLE IN CONDUIT.
TELEPHONE MANHOLE.
ELECTRIC MANHOLE.
BURIED TELEPHONE CABLE.
BURIED ELECTRIC CABLE.
BURIED TELEVISION CABLE.
BURIED FIBER OPTIC.
SEWER, (SANITARY).
SEWER, (STORM).
SEWER MANHOLE.



CITY OF PLYMOUTH

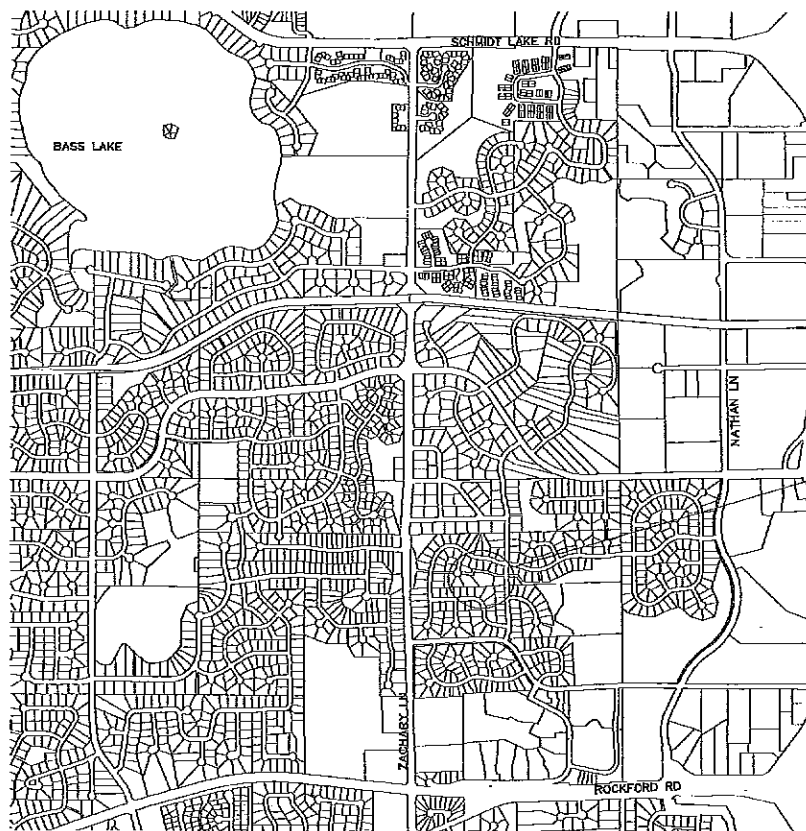
HENNEPIN COUNTY, MINNESOTA

CONSTRUCTION PLANS FOR:

UTILITY IMPROVEMENTS

VALLEY FORGE POND

CITY PROJECT NO. 12014



PROJECT AREA

INDEX :

SHEET NO. DESCRIPTION

1	TITLE SHEET
2	GENERAL NOTES AND DETAILS
3	POND EXCAVATION

THIS PLAN SET CONTAINS 3 SHEETS

GOVERNING SPECIFICATIONS:

THE 1986 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION THE MOST CURRENT, STANDARD SPECIFICATIONS FOR CONSTRUCTION THE MOST CURRENT CITY OF PLYMOUTH ENGINEERING GUIDELINES, AND THE CONTRACT DOCUMENTS, INCLUDING THE SPECIAL PROVISIONS, SHALL GOVERN ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

NOTE:

THE EXACT LOCATION OF UNDERGROUND UTILITIES SUCH AS GAS, TELEPHONE, WATER, ETC. ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITIES BEFORE COMMENCING EXCAVATION.

THE SURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY LEVEL QUALITY D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CLASS 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

GOPHER STATE ONE CALL: (651) 454-0002

SCALES :

PLAN	1" = 50'
(PLAN)	1" = 30'
PROFILE	HORIZ. 1" = 50'
(X) PROFILE	HORIZ. 1" = 30'
	VERT. 1" = 5'
X-SECTIONS	HORIZ. 1" = 10'
	VERT. 1" = 5'

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.

ENGR. *James W. Reineberg, P.E.*
JAMES W. REINEBERG, P.E., ASSISTANT CITY ENGINEER

Reg. No. 45512 Date 4-8-12

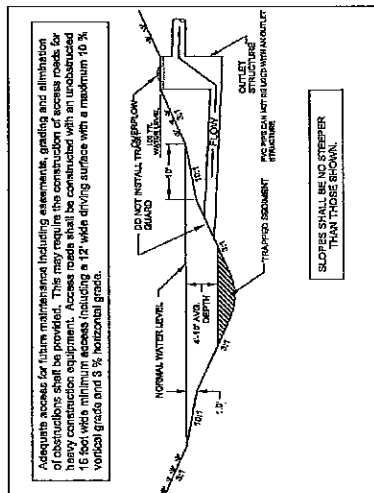


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CITY PROJ. NO.	12014
	3

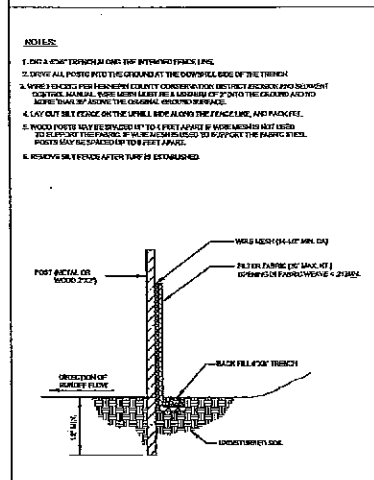
GENERAL NOTES

1. THE EXACT LOCATION OF UNDERGROUND UTILITIES SUCH AS GAS, TELEPHONE, WATER, ETC. ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT Gopher ONE CALL BEFORE COMMENCING ANY EXCAVATION.
2. THE STRUCTURE LOCATIONS AND ELEVATIONS OF APPURTENANCES SHOWN ON THE PLAN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO COMMENCING ANY UTILITY INSTALLATION.
3. ALL EXCESS EXCAVATED MATERIAL IS THE PROPERTY OF THE CONTRACTOR.
4. ALL USEABLE SALVAGED CASTINGS, VALVES, SIGNS, HYDRANTS, ETC. SHALL BE DELIVERED TO THE CITY OF PLYMOUTH PUBLIC WORKS.
5. ACCESS TO LOCAL RESIDENTS MUST BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION.
6. THE CITY SHALL PROVIDE CONSTRUCTION STAKING. A MINIMUM OF 48 HRS. NOTICE IS REQUIRED FOR ALL SURVEY STAKING REQUESTS.
7. CONTRACTOR MUST MAINTAIN EROSION CONTROL FOR ENTIRE PROJECT.
8. CONTRACTOR MUST SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL, ADDRESSING ANY TEMPORARY CLOSURES OR DETOURS. REMEDY IS REQUIRED BY THE CITY OF PLYMOUTH.
9. TRAFFIC CONTROL MUST BE PROPERLY MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE MANDOT TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS BOOKLET.
10. ONE LANE MUST BE OPEN TO TRAFFIC AT ALL TIMES.
11. THE 2012 CITY OF PLYMOUTH ENGINEERING STANDARD DETAIL SPECIFICATIONS FOR SEWER, WATER, STORM SEWER & STREETS APPLY TO THIS PROJECT.
12. NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS MARKED BY THE CITY OF PLYMOUTH FOR REMOVAL.
13. ALL PAVEMENT, INCLUDING DRIVEWAYS, IS TO BE SAWCUT AT THE MATCH POINT.
14. DISTURBED AREAS ABOVE NUL SHALL BE SEEDED & MULCHED WITH BWSR MAX R1 (34-261)

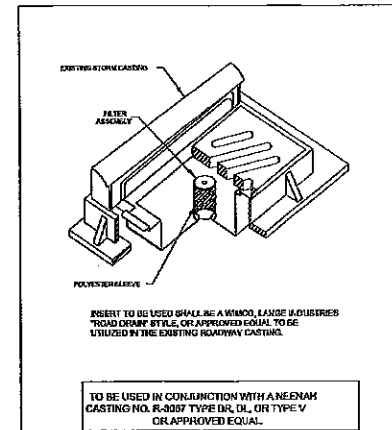
BWSR MIX R1 (34-261)

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	STANDARD DETAILS	FIGURE
	TYPICAL TREATMENT POND	3-12
	CITY OF PLYMOUTH	CITY OF PLYMOUTH
		ST-1



	STANDARD DETAILS	FORM
	SILT FENCE DETAIL	2.0
	CITY OF PLYMOUTH	CITY PL.
		ST-



	INLET PROTECTION	PUR. 512
	STD. 2'X3' STORM STRUCTURE	2-12
	CITY OF PLYMOUTH	CITY PL. NO.
		ST-23
		REVISION NO.

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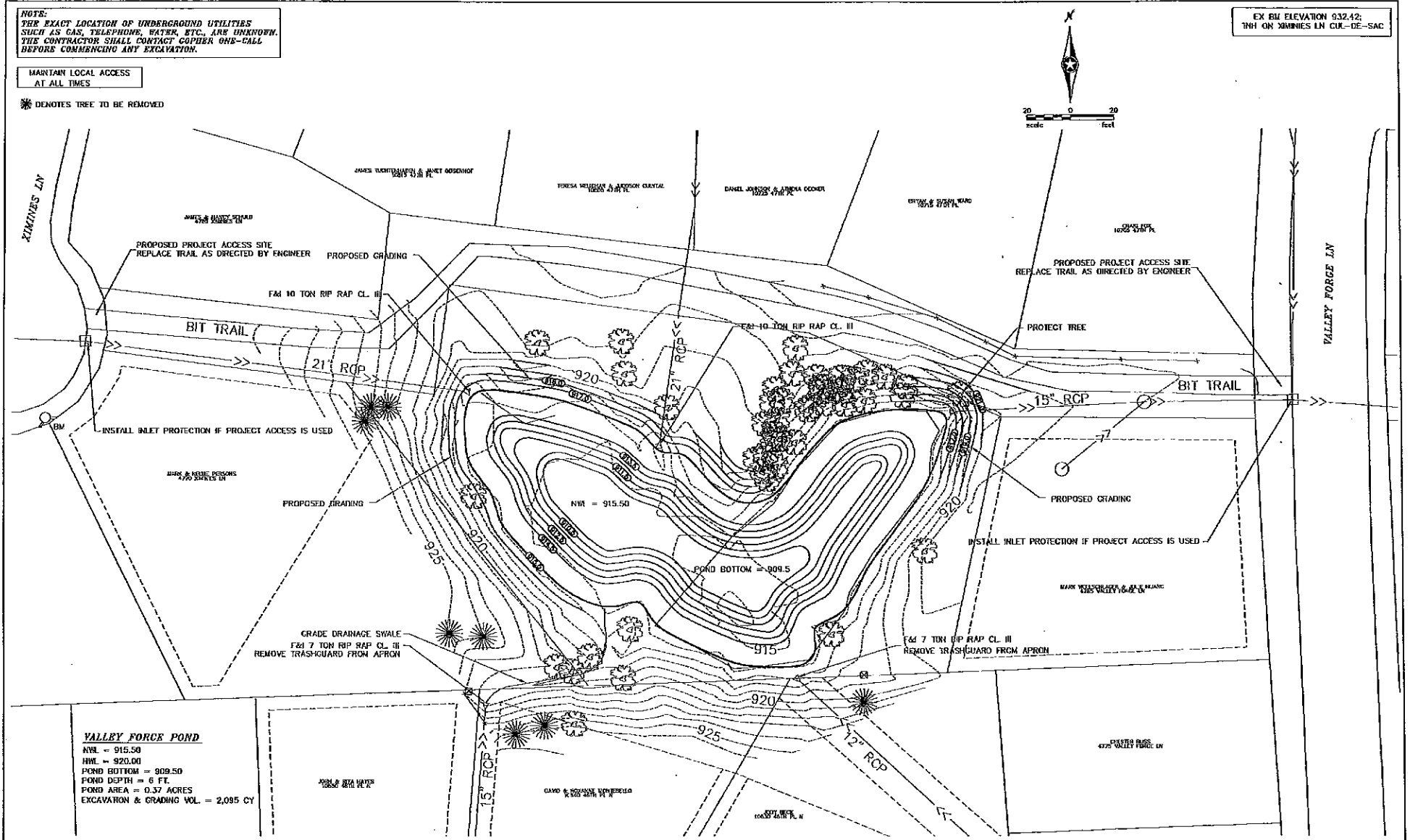
	STANDARD DETAILS	PLAN NO.
	RIPRAP DETAIL FOR FLARED END SECTIONS	2-12
	CITY OF PLYMOUTH	CITY PL. NO. 87

NOTE:
THE EXACT LOCATION OF UNDERGROUND UTILITIES
SUCH AS GAS, TELEPHONE, WATER, ETC., ARE UNKNOWN.
THE CONTRACTOR SHALL CONTACT COPER ONE-CALL
BEFORE COMMENCING ANY EXCAVATION.

MAINTAIN LOCAL ACCESS
AT ALL TIMES

* DENOTES TREE TO BE REMOVED

EX BN ELEVATION 632.42;
TBM ON XIMMIES LN CUL-DE-SAC



						I hereby certify that this plan, specification or report 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. <i>[Signature]</i> Date: 10/13/13 License: 45512		 CITY OF PLYMOUTH		PLYMOUTH, MINNESOTA VALLEY FORGE POND CITY PROJECT NO. 12014		POND EXCAVATION		<table><tr><td>STATE AND PROJ. NO.</td><td>DRAWN BY</td><td>DATE</td></tr><tr><td></td><td>M. PAYNE</td><td>X-12</td></tr><tr><td></td><td>DESIGNED BY</td><td></td></tr><tr><td></td><td>M. PAYNE</td><td>X-12</td></tr><tr><td></td><td>CHECKED BY</td><td></td></tr><tr><td></td><td>D. ASHKE</td><td>X-12</td></tr><tr><td></td><td>REVIEWED BY</td><td></td></tr><tr><td></td><td>J. REHREBERG</td><td>X-12</td></tr></table>			STATE AND PROJ. NO.	DRAWN BY	DATE		M. PAYNE	X-12		DESIGNED BY			M. PAYNE	X-12		CHECKED BY			D. ASHKE	X-12		REVIEWED BY			J. REHREBERG	X-12							
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