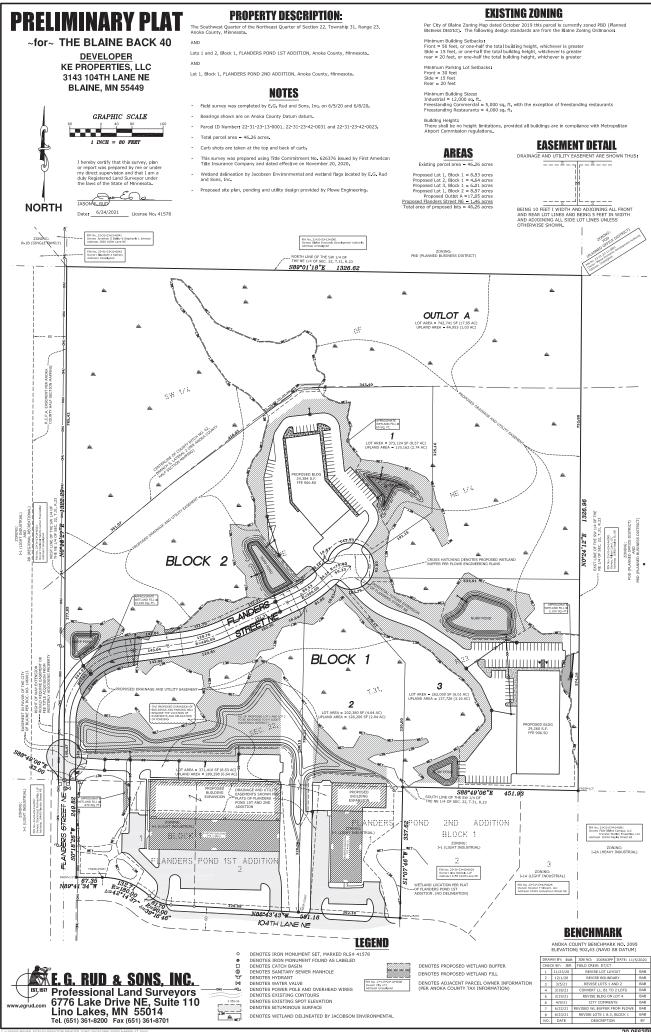
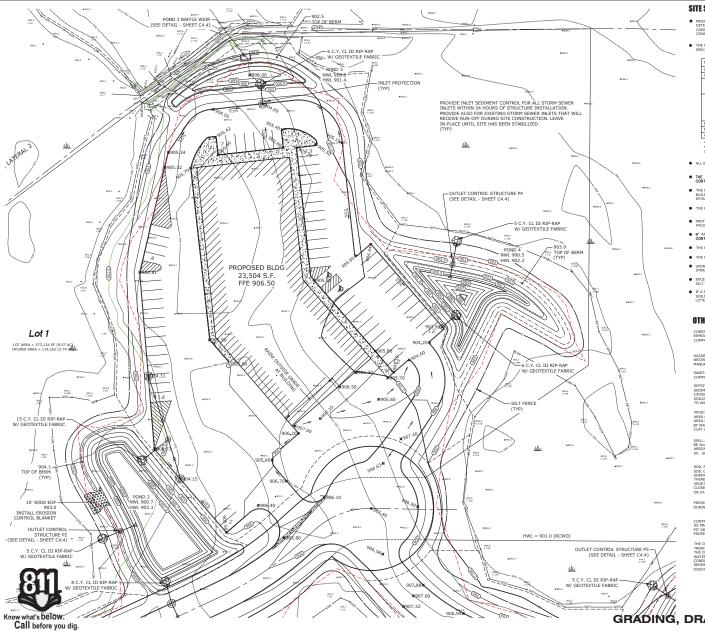




Case File No. 21-0026 The Blaine Back 40







SITE SEQUENCING

- PRIOR TO ANY GRADING OPERATIONS, THE CONTRACTOR SHALL INSTALL ROCK CONSTRUCTION ENTRANCE (LOCATIONS TO BE
 DETERMINED COORDINATE WITH OWNER) AND PERIMETER SILT FENCE AS SHOWN ON PLAN. (CONTACT CITY TO INSPECT EROS
 CONTROL MEASURES PRIOR TO GRADING OPERATIONS, IF INECESSARY) A ADDITIONAL SILT FENCE MAY BE RECESSARY IF LOCAL
- THE CONTRACTOR SHALL PROVIDE ALL SOD, SEED, MULCH AND FERTILIZER WHICH SHALL CONFORM WITH THE FOLLOWING MNDI SPECIFICATIONS AS MODIFIED BELOW.

ITEM		MNDOT SPECIFICATION/NOTES
SOD		3878
SEED **		3876
* FOR TURF EST	ABLISHMENT	
COMMERCIAL TURF		MNDOT MIX 25-131 (220 LBS/ACRE)
RESIDENTIAL TURF		MNDOT MIX 25-131 (120 LBS/ACRE)
TEMPORARY	FALL COVER	MNDOT MIX 21-112 (100 LBS/ACRE)
	SPRING/SUMMER	MNDOT MIX 21-111 (100 LBS/ACRE)
SOIL-BUILDING COVER		MNDOT MIX 21-113 (110 LBS/ACRE)
1-2 YEARS COVER		MNDOT MIX 22-111 (30.5 LBS/ACRE)
2-5 YEARS COVER		MNDOT MIX 22-112 (40 LBS/ACRE)
MULCH		3882 (TYPE 1 - DISC ANCHORED)
FERTILIZER		3881
WOOD FIBER BLANKET		3885 (CATEGORY 2)

- * MOW A MINIMUM OF ONCE PER 2 WEEKS
 ** SECDED AREAS SHALL BE ETHER MULCHED OR COVERED BY FIBROUS BLANKETS
 TO PROTECT SEEDS AND LIMIT EROSION.
- ALL EXPOSED SOILS MUST HAVE TEMPORARY EROSION CONTROL PROTECTION OR PERMANENT COVER WITHIN SEVEN (7) DAYS.
- THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO ALL ADJACENT PROPERTY LINES AND MAKE SURE THE EROSION CONTROL PRACTICES INPLACE IN THOSE AREAS PREVENT MIGRATION OF SEDIMENT ONTO ADJACENT PROPERTIES.
- THE CONTRACTOR SHALL MAINTAIN SILT FENCE, INCLUDING THE REMOVAL OF ACCUMULATED SEDIMENT, THROUGH COMPLETION I BUILDING CONSTRUCTION. SILT FENCE TO BE REMOVED ONLY AFTER COMPLETION OF BUILDING CONSTRUCTION AND UPON FSTABLISHMENT OF VEGETATION
- THE CONTRACTOR SHALL PROVIDE WOOD FIBER BLANKET FOR ALL AREAS OF CONCENTRATED FLOW AND FOR ALL SLOPES 3:1 OR GREATER
- PROTECT ALL STORM WATER MANAGEMENT FACILITIES FROM CONSTRUCTION RUN-OFF. CONTRACTOR TO INSTALL AND CONSTRUCT SAID
- IF ANY SLOPES APPEAR TO BE FAILING, THE CONTRACTOR SHALL PROVIDE ADDITIONAL SILT FENCE, BIOROLLS AND EROSION CONTROL BLANKET AS NEEDED.
- THE CONTRACTOR SHALL FINAL GRADE SWALE AREAS UPON STABILIZATION OF UPSTREAM AREAS.
 - THE CONTRACTOR CHAIL COR ALL DECTURED REALWACE AREAS, INCLUDING SWALES & OVERS
- UPON GRADING COMPLETION THE CONTRACTOR SHALL PROVIDE NATIVE TOPSOIL WITH SOD OR SEED, AND MULCH ANCHORED WITH A
 STRAIGHT SET DISC WITHIN 48 HOURS OF FINAL GRADING.
- EXCESS SOIL SHOULD BE TREATED LIKE OTHER EXPOSED SOIL AND STABILIZED WITHIN 72 HOURS. ANY SOIL STOCKPILES ARE TO HAVE
- IF A STREET, ALLEY, SIDEWALK OR OTHER PUBLIC PLACE SHOULD BECOME SOILED OR LITTERED, THE CONTRACTOR SHALL CAUSE SUCH
- IF A STREET, ALLEY, SIDEWALK OR OTHER PUBLIC PLACE SHOULD BECOME SOILED OR LITTERED, THE CONTRACTOR SHALL CAUSE SUCH SOILING OR LITTERING TO BE CLEANED UP BY SWEEPING NOT LATER THAN THE END OF THE WORKING DAY IN WHICH SUCH SOILING O LITTERING SHALL HAVE OCCURRED OR BEEN OBSERVED.

OTHER POLLUTION CONTROL MEASURES

CONSTRUCTION WASTE MATERIALS - ALL WASTE MATERIALS GENERATED AS A RESULT OF SITE CONSTRUCTION SHALL BE COLLECTED AND REMOVED ACCORDING TO ALL LOCAL AND/OR STATE WASTE MANAGEMENT REGULATIONS BY A LICENSED SOLID WASTE MANAGEMENT COMPANY. THE CONTRACTOR WILL BRUSHE THAT ALL SITE PRESONMEL ARE INSTRUCTED IN THESE PRACTION.

IAZARDOUS WASTES - ALL HAZARDOUS WASTE MATERIALS SHALL BE STORED PROPERLY TO PREVENT SPILLS AND VANDALISM. WHEN ECCESSAY, HAZARDOUS WASTES WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL AND/OR STATE REGULATION OR BY THE LAWIFACTHIERS.

SANITARY WASTE - ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS BY A LOCAL, LICENSED WATER MANAGEMENT COMPANY, AS REQUIRED BY LOCAL REGULATION.

OPSTIT VEHICLE TRACKING - A ROCK CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SERDIMENTS. F A STREET, ALLEY, SIGNWALK OR OTHER RUBLE PLACE SHOULD RECOME SOLLED OR LITTERED, THE CONTRACTION SHALL CAUGHS SLOH SOURDER OR LITTERING TO SELECTION OF THE STREET HAS THE ADDITION OF THE THE HAD THE WORKING AN IN WHICH SIGN SOLING OR LITTERING SHALL HAVE COCURRED OR SEEN ORSERVED. DUMP TRUCKS HAULING LOSS MATERIALS (SAND, TOYSOIL, ETC.) TO AND/OR FROM THE STE SHAUL EL COVERNO WITH A TARRAPULA.

VEHICLE CLEARING - NO ENGINE DEGRESSING SI ALLOWED ON-SITE. EXTERNAL WASHING OF VEHICLES TO BE COMPRIED TO A DEFINIO BACA ("FORM YASHO") ON-SITE. CONTRACTOR TO PROVIDE DESIGNATION TRUCK WASHOUT AREA WITH APPROPARTIES ESTORMAGE. WASHOUT AREA IS TO BE A NUMBHUM OF SOF PROVIDED THE STORMAGE STORMAGER FRATURES. ALL LIQUID AND SOLID WASTE GENERATE BY WASHOUT DEPERATIONS MUST BE CONTAINED IN A LEAST-PROJEC CONTAINMENT FRATURY FRACHLY OF THE PREPAREAL LIENCE, ECC. COMPACTED

PPILL PREVENTION AND CONTROL - ALL VEHICLES WILL BE CHECKED FOR LEAKING OIL AND FLUIDS. VEHICLES LEAKING FUIDS MIT & ALLOWED ON-STIE. SPILL KITS WILL BE STORED ON-SITE AND ALL SPILLS WILL BE CLEANED UP IMPEDIATELY DISCOVERY. SPENT ABSORBENT MATERIALS AND RAGS WILL BE HAULED OFF-SITE IMMEDIATELY AFTER THE SPILL IS CLEANED UP AND PROPERTY DISPOSED F. SPILL PREVENTION AND CONTROL MEASURES SHALL BE IMPLEMENTED ONCE CONSTRUCTION BEGINS.

SOIL STOCKPIES - INSTALL SILT PRIKE OR OTHER FFETCHTS SEDMENT CONTROLS AROUND ALL TEMPORANY SOIL STOCKPIES. LOCATE
SOIL OR DIST STOCKPIES. SUCH THAT COMMENCE PERAIDREL SHENNIN IS NO LESS THAN BY OUT FEEL OF THE PIEL TO A
SURFACE WHITE IS REMOVED. A THE STEP THE PIECE OF THE PIEL TO A
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DVIDE WIMCO (OR APPROVED EQUAL) FOR INLET PROTECTION AT ALL EXISTING STORM SEWER INLETS THAT WILL RECEIVE RUN-OFF RING CONSTRUCTION. INLET PROTECTION TO REMAIN IN-PLACE UNTIL AT LEAST 70% OF SITE VEGETATION HAS BEEN ESTABLISHEI

VIRACTOR TO PROVIDE DESIGNATED CONCERTE TRUCK WASHOUT AREA WITH APPROPRIATE SIGNAGE. KEEP WASHOUT AREAS AS FAR PRACTICAL FROM STORM DRAINS, DITCHES AND POINS. DO NOT ALLOW RUN-OFF FROM THIS AREA BY CONSTRUCTION AT EMPROPAY OR BERNHED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE. AFTER WASTE CONCRETE IS SET, BREAK-UP AND DISPOSE OF PPERLY.

IE CONTRACTOR MUST DISCHARGE TURBED OR SEDMENT-LODEN WATERS RELATED TO DEWATERING (E.G., PUPPED DISCHARGES, DEWOLVICTHOL OFF SOR DAMAINED TO A THEMPORAN OR PERMANENT SEDMENATION BUSINETS OF SUPPLIES MUST SELECT ELE CONTRACTOR MAY DISCHARGE FIRST THE THEMPORAN OR PERMANENT SEDMENATION BUSINETS OS SUPPLIES WATERS IT THE BASIN MAY BE ARREST WATER OFF THE PROPERTY OF THE BASIN NATURE AND THE BASIN MAY THE BASIN THE BASIN NATURE AND ELECTRICAL PROPERTY AND THE BASIN MAY THE BASIN THE BASIN MAY BE ARREST THE DESIGN BY: C.W.P.
HCKD BY: PROJ. NO.
C.W.P. PROJ. NO.
C.W.P. 20-1910

RIGINAL DATE:
MAY 7, 2020





BLAINE, MINNESTOA GRADING, DRAINAGE, & EROSK CONTROL PLAN

40 OF

BACK

DAVE ERICKSON

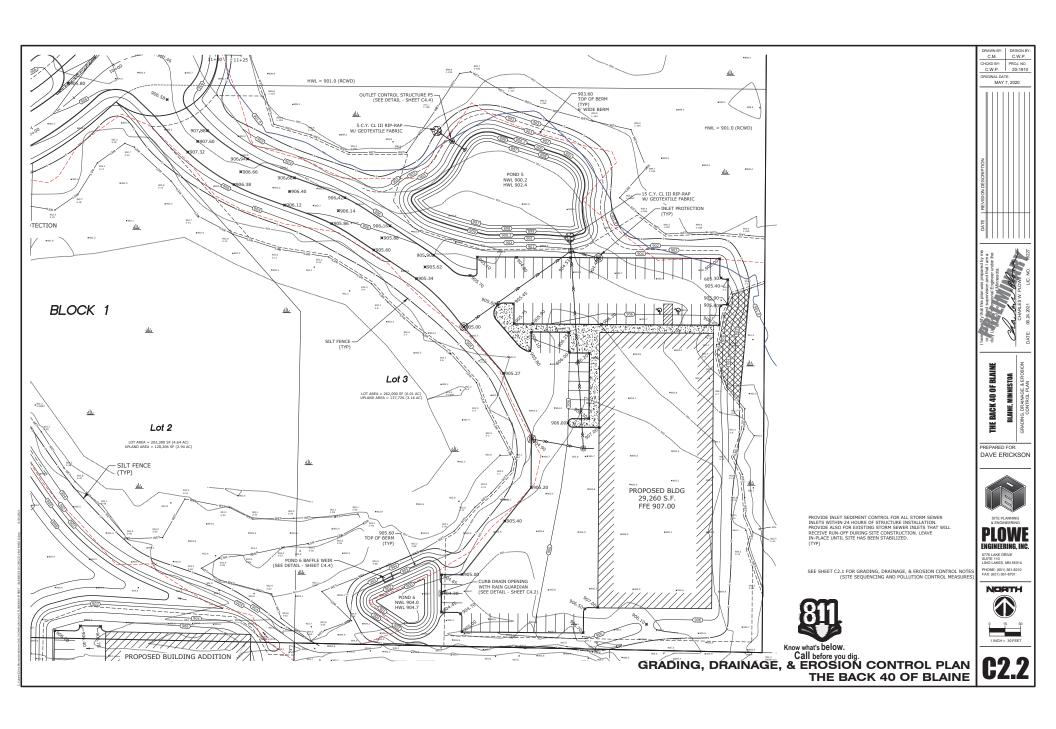
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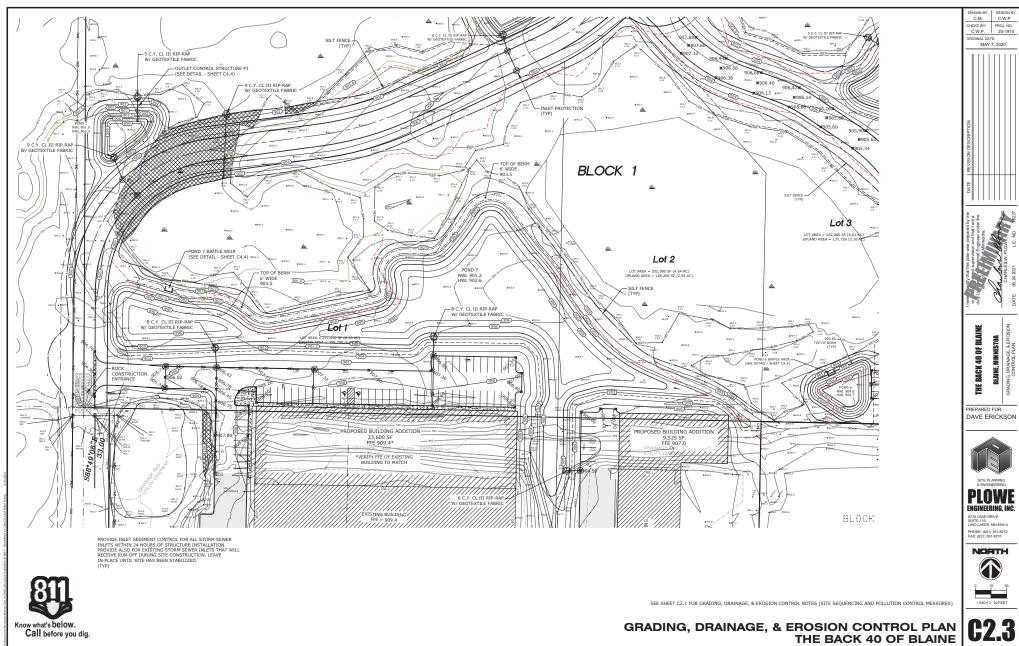


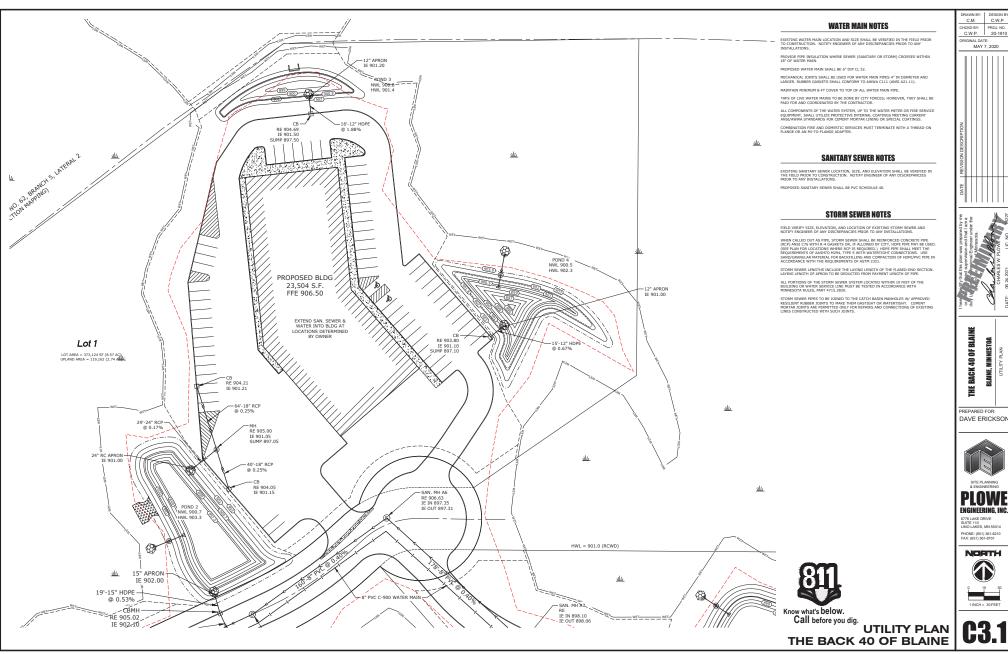
ENGINEERING, INC. 6776 LAKE DRIVE SUITE 110 LINO LAKES, MN 55014 PHONE: (651) 361-8210 FAX: (651) 361-8701

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GRADING, DRAINAGE, & EROSION CONTROL PLAN THE BACK 40 OF BLAINE







DESIGN BY C.W.P. MAY 7, 2020



BLAINE, MINNESTOA

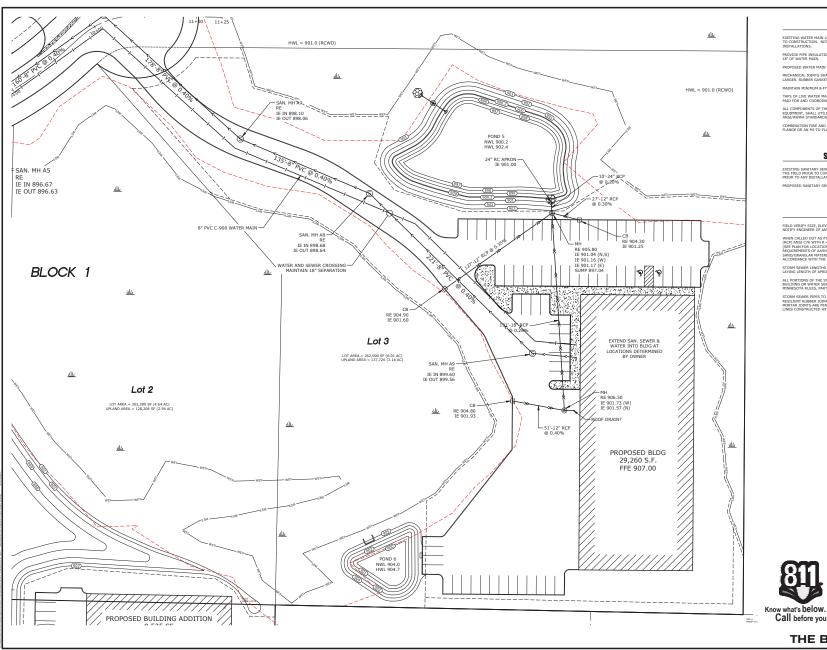
DAVE ERICKSON



PLOWE

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WATER MAIN NOTES

EXISTING WATER MAIN LOCATION AND SIZE SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY

PROVIDE PIPE INSULATION WHERE SEWER (SANITARY OR STORM) CROSSES WITHIN 18" OF WATER MAIN.

PROPOSED WATER MAIN SHALL BE 6" DIP CL 52.

MECHANICAL JOINTS SHALL BE USED FOR WATER MAIN PIPES 4" IN DIAMETER AND LARGER, RUBBER GASKETS SHALL CONFORM TO AWWA C111 (ANSI A21.11).

TAPS OF LIVE WATER MAINS TO BE DONE BY CITY FORCES; HOWEVER, THEY SHALL BE PAID FOR AND COORDINATED BY THE CONTRACTOR.

ALL COMPONENTS OF THE WATER SYSTEM, UP TO THE WATER METER OR FIRE SERVICE

COMBINATION FIRE AND DOMESTIC SERVICES MUST TERMINATE WITH A THREAD-ON FLANGE OR AN MI-TO-FLANGE ADAPTER.

SANITARY SEWER NOTES

EXISTING SANITARY SEWER LOCATION, SIZE, AND ELEVATION SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY INSTALLATIONS.

PROPOSED SANITARY SEWER SHALL BE PVC SCHEDULE 40.

STORM SEWER NOTES

WHEN CALLED OUT AS PIPE, STORM SEWER SHALL BE REINFORCED CONCRETE PIPE (RCP) ARIS COS WITH N = GASKETS OR, IF ALLOWED BY CITY, HOPE PIPE MAY BE USED. THE CONCRETE PIPE STORM OF THE MAY BE USED. THE CONCRETE PIPE STORM OF THE PIPE STORM OF THE STORM OF

STORM SEWER PIPES TO BE JOINED TO THE CATCH BASIN MANHOLES W, APPROVED RESILENT RUBBER JOINTS TO MAKE THEM GASTIGHT OR WATERTICHT. CEMENT MORTAR JOINTS ARE PERMITTED ONLY FOR REPAIRS AND CONNECTIONS OF EXISTING LINES CONSTRUCTED WITH SUCH JOINTS.

MAY 7, 2020

DESIGN BY C.W.P. C.M.



THE BACK 40 OF BLAINE BLAINE, MINNESTOA

PREPARED FOR: DAVE ERICKSON



PLOWE

6776 LAKE DRIVE SUITE 110 LINO LAKES, MN 55014 PHONE: (651) 361-8210 FAX: (651) 361-8701



Call before you dig. **UTILITY PLAN** THE BACK 40 OF BLAINE

