

# LINWOOD TOWNSHIP, MINNESOTA

## LEGEND \*

	EXISTING OVERHEAD ELECTRIC		PROPOSED WATER PIPE
	EXISTING UNDERGROUND TELEPHONE		PROPOSED SANITARY SEWER PIPE
	EXISTING UNDERGROUND CABLE		PROPOSED STORM SEWER PIPE
	EXISTING TELEPHONE PEDESTAL		PROPOSED DRAIN TILE AND CLEAN-OUT
	EXISTING ELECTRICAL PEDESTAL		PROPOSED ELECTRIC SERVICE *
	EXISTING CABLE PEDESTAL		PROPOSED GAS SERVICE *
	EXISTING UTILITY POLE		PROPOSED TELEPHONE SERVICE *
	EXISTING LIGHT POLE		PROPOSED STORM MANHOLE
	EXISTING STORM SEWER		PROPOSED CATCH BASIN
	EXISTING WATER MAIN		PROPOSED FLARED-END SECTION
	EXISTING SANITARY SEWER		PROPOSED GATE VALVE
	EXISTING FORCEMAIN		PROPOSED HYDRANT
	EXISTING STORM MANHOLE		PROPOSED SANITARY SEWER MANHOLE
	EXISTING CATCH BASIN		PROPOSED CONTOUR
	EXISTING FLARED-END SECTION		PROPOSED SPOT ELEVATION (GUTTERLINE, BITUMINOUS SURFACE, OR GROUND SURFACE UNLESS OTHERWISE INDICATED)
	EXISTING GATE VALVE		PROPOSED SILT FENCE
	EXISTING HYDRANT		PROPOSED DIRECTION OF DRAINAGE
	EXISTING WELL		PROPOSED WETLAND BUFFER
	EXISTING SANITARY SEWER MANHOLE		
	EXISTING CONTOUR		
	EXISTING SPOT ELEVATION		
	EXISTING SPOT ELEVATION (MATCH INTO ELEVATION)		
	EXISTING BITUMINOUS		
	EXISTING TREES		
	EXISTING TREE TO BE REMOVED		
	SURFACE DRAINAGE DIRECTION		
	EXISTING FENCE		
	EXISTING RETAINING WALL		
	EXISTING WETLAND		

\* NOT ALL SYMBOLS ARE APPLICABLE

## GENERAL NOTES

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.

CALL "811" FOR EXISTING UTILITIES LOCATIONS PRIOR TO ANY EXCAVATIONS.

THE CONTRACTOR SHALL FIELD VERIFY SIZE, ELEVATION, AND LOCATION OF EXISTING SANITARY SEWER, STORM SEWER, AND WATER MAIN AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF INSTALLATIONS.

INSTALLATIONS SHALL CONFORM TO THE CITY STANDARD SPECIFICATIONS AND DETAIL PLATES.

ALL UTILITIES THAT WILL BE OWNED AND MAINTAINED BY THE CITY AFTER CONSTRUCTION SHALL BE BUILT TO CITY STANDARDS.

THE CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FROM THE CITY PRIOR TO ANY WORK.

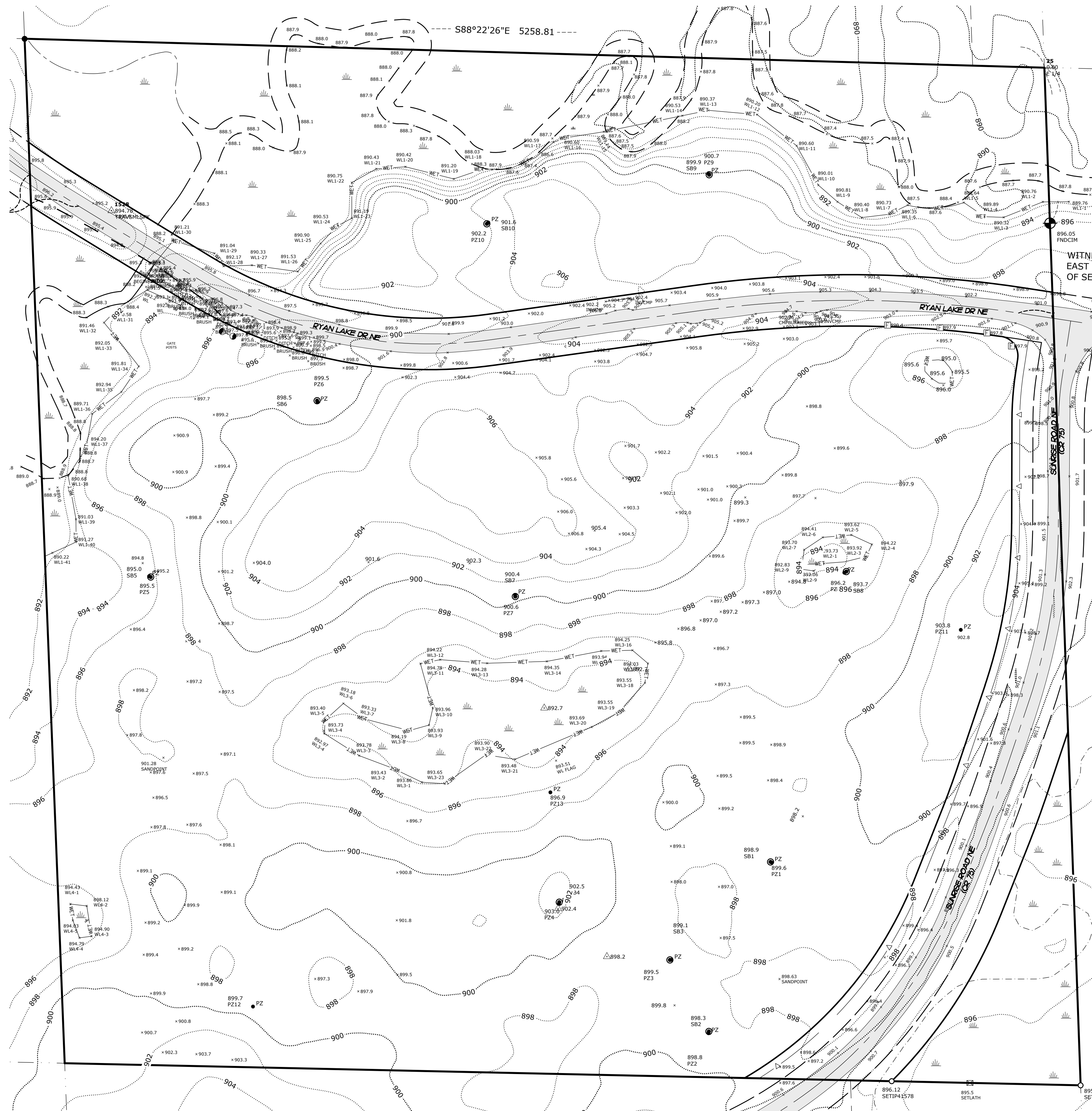
STORAGE OF MATERIALS OR EQUIPMENT SHALL NOT BE ALLOWED ON PUBLIC STREETS OR WITHIN PUBLIC RIGHT-OF-WAY.

NOTIFY CITY A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION

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.



below.  
**Call before you dig.**



### VICINITY MAP



NOT TO SCALE

## DEVELOPER

CARRINGTON DEVELOPMENT, LLC  
STEVE STRANGLUND  
P.O. Box 169  
EAST BETHEL, MN 55011  
(612) 221-4476

# ENGINEER

**PLOWE ENGINEERING, INC.**  
6776 LAKE DRIVE NE, SUITE 110  
LINO LAKES, MN 55014  
(651) 361-8210

## SURVEYOR

E.G. RUD & SONS, INC.  
6776 LAKE DRIVE NE, SUITE 110  
LINO LAKES, MN 55014  
(651) 361-8200

## SHEET INDEX

C0	TITLE SHEET, LEGEND & EXISTING CONDITIONS
C1.1	GRADING, DRAINAGE & EROSION CONTROL PLAN
C1.2	GRADING, DRAINAGE & EROSION CONTROL PLAN
C1.3	INFILTRATION BASIN DETAILS
C2	RYAN LAKE DRIVE CROSS-SECTIONS
C2	UTILITY PLAN
C3	DETAILS & NOTES
C4.1	STORM WATER POLLUTION PREVENTION PLAN
C4.2	STORM WATER POLLUTION PREVENTION PLAN

**NOTE: THIS PLAN SET IS INTENDED TO ACCOMPANY THE PRELIMINARY PLAT SHEET(S), PROVIDED BY OTHERS.**

DRAWN BY: M.Q.A.	DESIGN BY: C.W.P.
CHCKD BY: M.Q.A.	PROJ. NO. 21-2008

ORIGINAL DATE:  
DECEMBER 30, 2021

DATE	REVISION DESCRIPTION
2/10/22	CITY REVIEW #1
2/25/22	CITY REVIEW #2

I certify that this plan was prepared by me  
under my direct supervision and that I am a  
Licensed Professional Engineer under the  
laws of the State of Minnesota.

DATE: 02.25.2022 LIC. NO. 18227

**SUNRISE PINES**

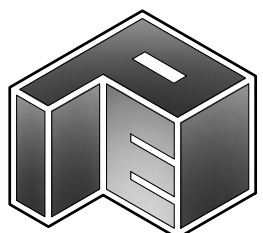
**SUNRISE PINES**

**WINWOOD TOWNSHIP, MINNESOTA**

---

**TITLE SHEET, EXISTING CONDITIONS, &  
LEGEND**

PREPARED FOR:  
CARRINGTON  
HOMES



SITE PLANNING  
& ENGINEERING

**PLOWE**  
**ENGINEERING, INC.**

6776 LAKE DRIVE  
SUITE 110  
LINO LAKES, MN 55014

PHONE: (651) 361-8210  
FAX: (651) 361-8701

**NORTH**

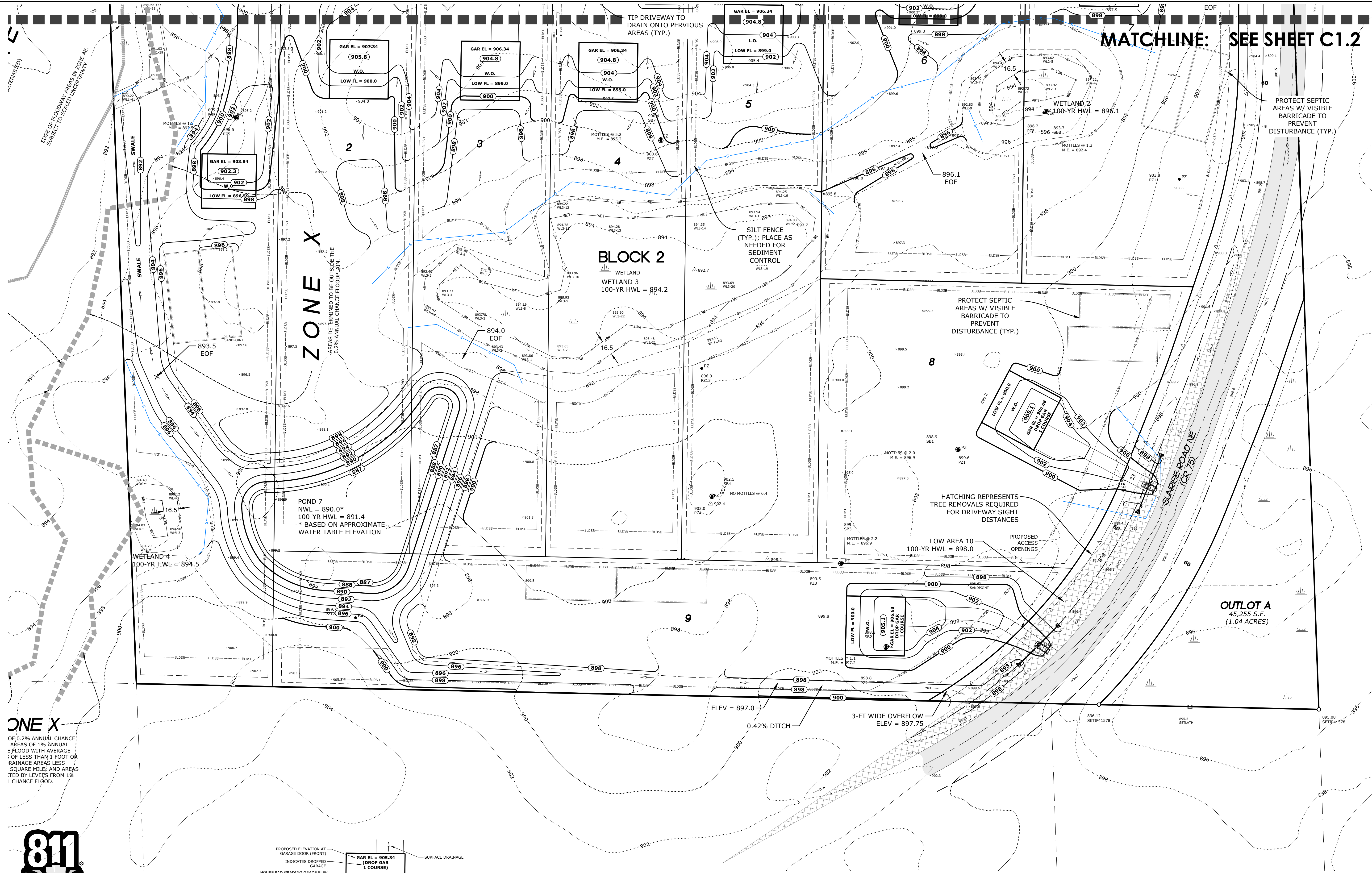


0 40 80  
1 INCH = 80 FEET

CO



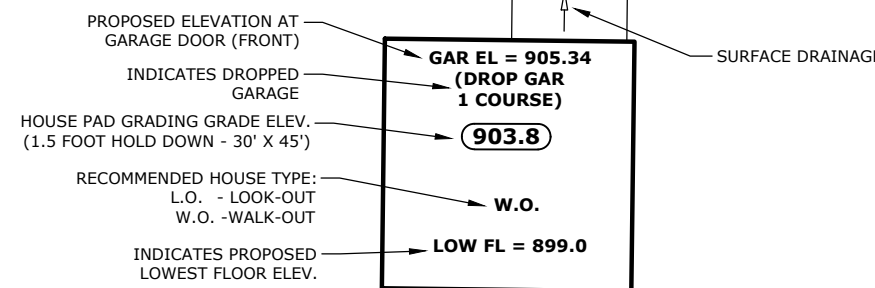
S:\Users\cadd\21-008 SUNRISE PINES\21-008 CAD\2008 Base & Prop 2/25/2022



ONE X  
OF 0.2% ANNUAL CHANCE  
AREAS OF 1% ANNUAL  
FLOOD WITH AVERAGE  
OF LESS THAN 1 FOOT OR  
RAINAGE AREAS LESS  
SQUARE MILE) AND AREAS  
TED BY LEVEES FROM 1%  
L CHANCE FLOOD.



Know what's below.  
Call before you dig.



\*SEE SHEET C3 FOR GRADING AND EROSION CONTROL NOTES

## GRADING, DRAINAGE, AND EROSION CONTROL PLAN SUNRISE PINES

DRAWN BY: M.Q.A. DESIGN BY: C.W.P.  
CHKD BY: M.Q.A. PROJ. NO. 21-008  
ORIGINAL DATE: DECEMBER 30, 2021

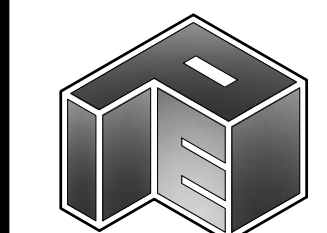
DATE	REVISION DESCRIPTION
2/10/22	CITY REVIEW #1
2/25/22	CITY REVIEW #2

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.

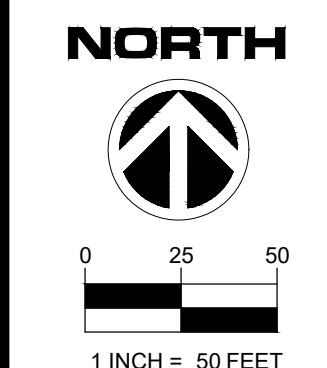
*Charles W. Plowe*  
CHARLES W. PLOWE  
DATE: 02.25.2022 LIC. NO. 18227

**SUNRISE PINES**  
**LINWOOD TOWNSHIP, MINNESOTA**  
GRADING, DRAINAGE, AND EROSION  
CONTROL PLAN

PREPARED FOR:  
CARRINGTON  
HOMES

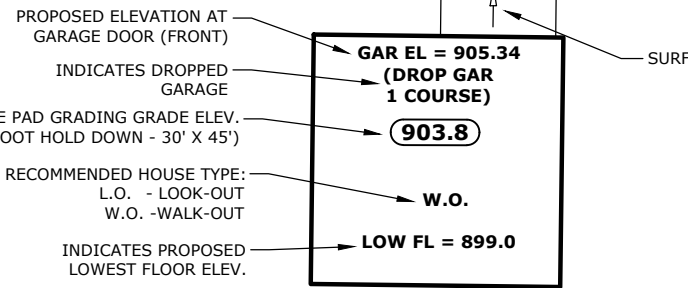


SITE PLANNING  
& ENGINEERING  
**PLOWE  
ENGINEERING, INC.**  
6776 LAKE DRIVE  
SUITE 110  
LINO LAKES, MN 55014  
PHONE: (651) 361-8210  
FAX: (651) 361-8701



# C1.1





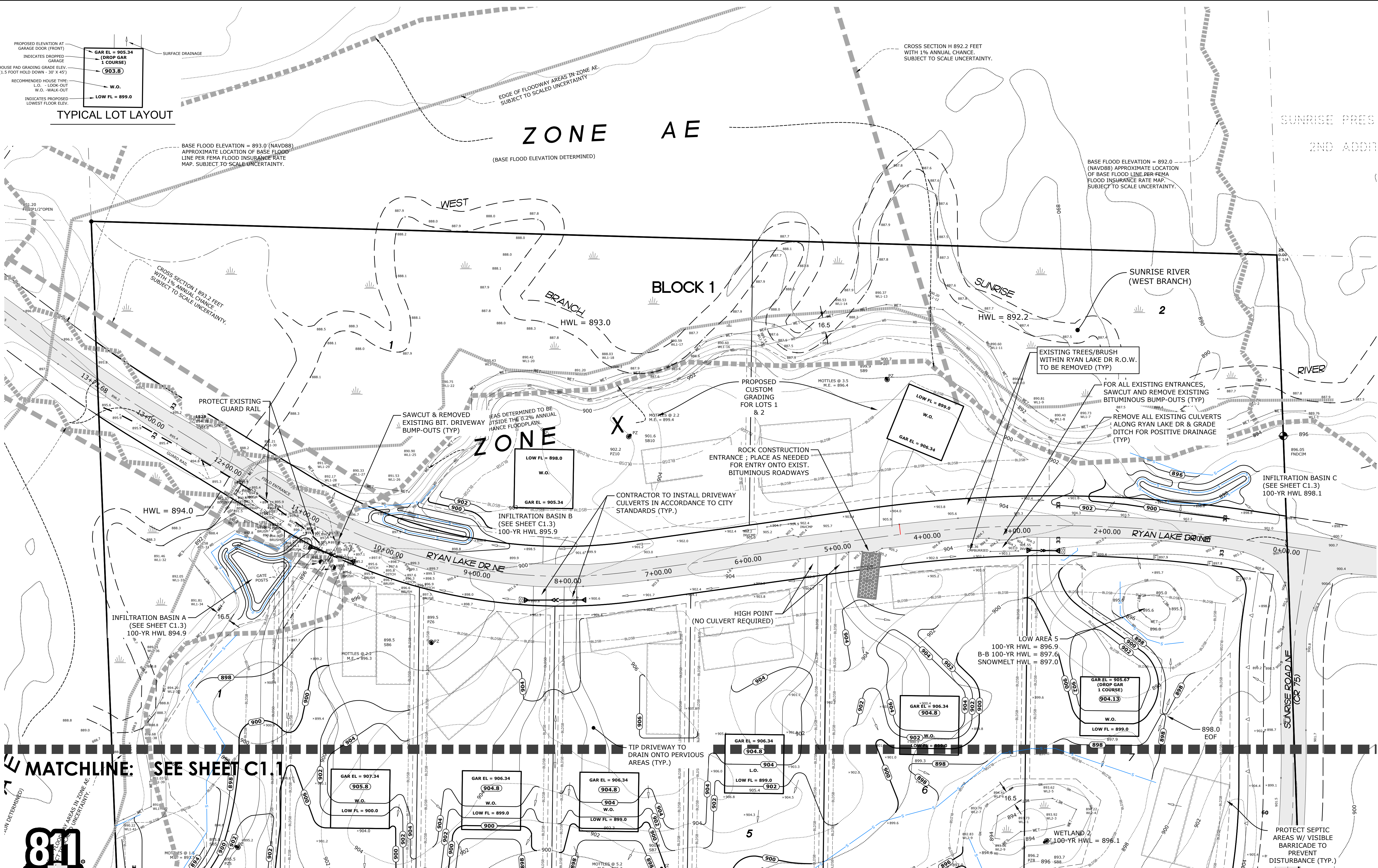
TYPICAL LOT LAYOUT

BASE FLOOD ELEVATION = 893.0 (NAVD88)  
APPROXIMATE LOCATION OF BASE FLOOD  
LINE PER FEMA FLOOD INSURANCE RATE  
MAP. SUBJECT TO SCALE UNCERTAINTY.

ZONE AE  
(BASE FLOOD ELEVATION DETERMINED)

CROSS SECTION H 892.2 FEET  
WITH 1% ANNUAL CHANCE.  
SUBJECT TO SCALE UNCERTAINTY.

BASE FLOOD ELEVATION = 892.0  
(NAVD88) APPROXIMATE LOCATION  
OF BASE FLOOD LINE PER FEMA  
FLOOD INSURANCE RATE MAP.  
SUBJECT TO SCALE UNCERTAINTY.



MATCHLINE: SEE SHEET C1.1



\*SEE SHEET C3 FOR GRADING AND EROSION CONTROL NOTES

GRADING, DRAINAGE, AND EROSION CONTROL PLAN  
SUNRISE PINES

DRAWN BY:  
M.Q.A.

DESIGN BY:  
C.W.P.

CHKD BY:

PROJ. NO.  
M.Q.A. 21-2008

ORIGINAL DATE:  
DECEMBER 30, 2021

DATE	REVISION DESCRIPTION
2/10/22	CITY REVIEW #1
2/25/22	CITY REVIEW #2

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.

*Charles W. Plowe*  
CHARLES W. PLOWE  
DATE: 02.25.2022 LIC. NO. 18227

**SUNRISE PINES**  
**UNWOOD TOWNSHIP, MINNESOTA**  
GRADING, DRAINAGE, AND EROSION CONTROL PLAN

PREPARED FOR:  
**CARRINGTON HOMES**

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

**NORTH**

0 25 50  
1 INCH = 50 FEET

**C1.2**



S:\Drawings\21\2101\210101\SUNRISE PINES\21-2008 CAD\2008 Base 8.dwg 2/25/2022



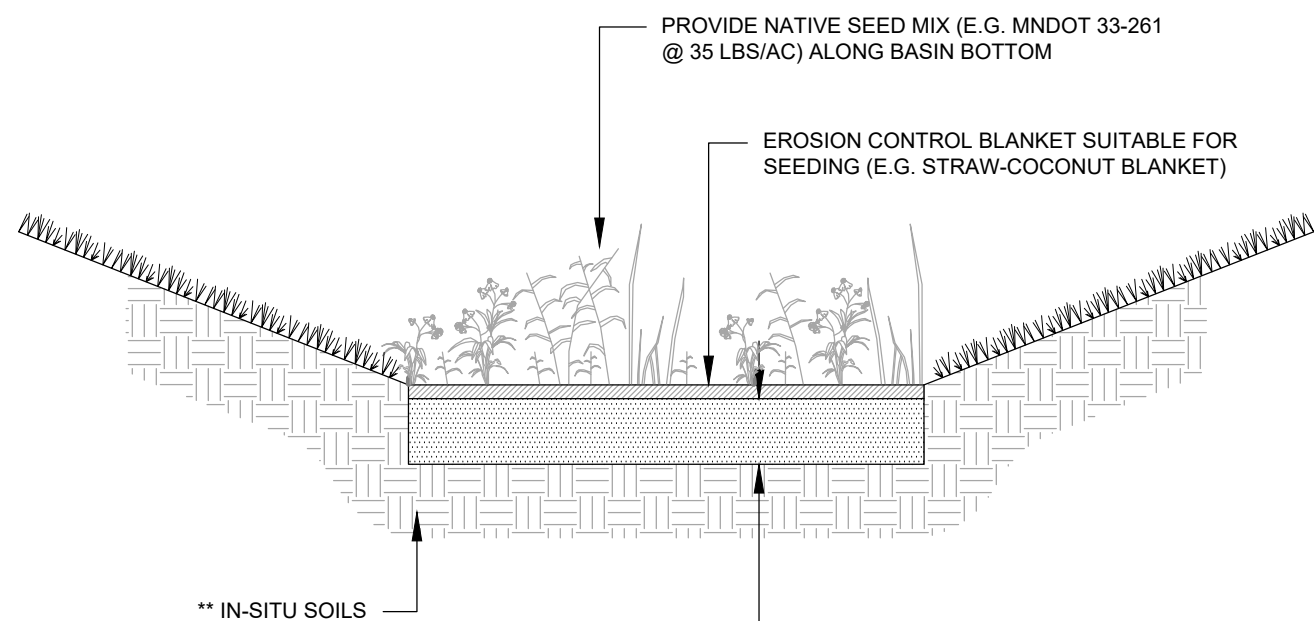
Know what's below.  
Call before you dig.

5 INFILTRATION BASIN  
C4.01

NOTES

1. MARK-OFF BASIN AREA (E.G. FENCING, SILT FENCE, ETC.) TO PREVENT CONSTRUCTION TRAFFIC FROM ENTERING BASIN AREA.
2. USE LOW-IMPACT, EARTH MOVING EQUIPMENT (WIDE TRACK OR MARSH TRACK EQUIPMENT, OR LIGHT-EQUIPMENT WITH TURF-TYPE TIRES) WITHIN BASIN.
3. PROTECT BASIN FROM RUN-OFF DURING CONSTRUCTION ACTIVITIES.
4. DO NOT EXCAVATE BASIN TO FINAL GRADE UNTIL UPSTREAM DRAINAGE AREAS HAVE BEEN STABILIZED.
5. REMOVE ANY TOPSOIL AND/OR UNSUITABLE SOILS WITHIN INFILTRATION BASIN FOOTPRINT. ANY SEDIMENT THAT IS WASHED INTO THE BASIN SHALL BE REMOVED.
6. NO MINING OF SANDY SOILS ALLOWED IN BASIN AREA.
7. EXCAVATE BASIN TO FINAL GRADE ONLY UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREAS. ALLEVIATE ANY COMPACTED SOILS DUE TO FINAL GRADING OPERATIONS PRIOR TO SEEDING.

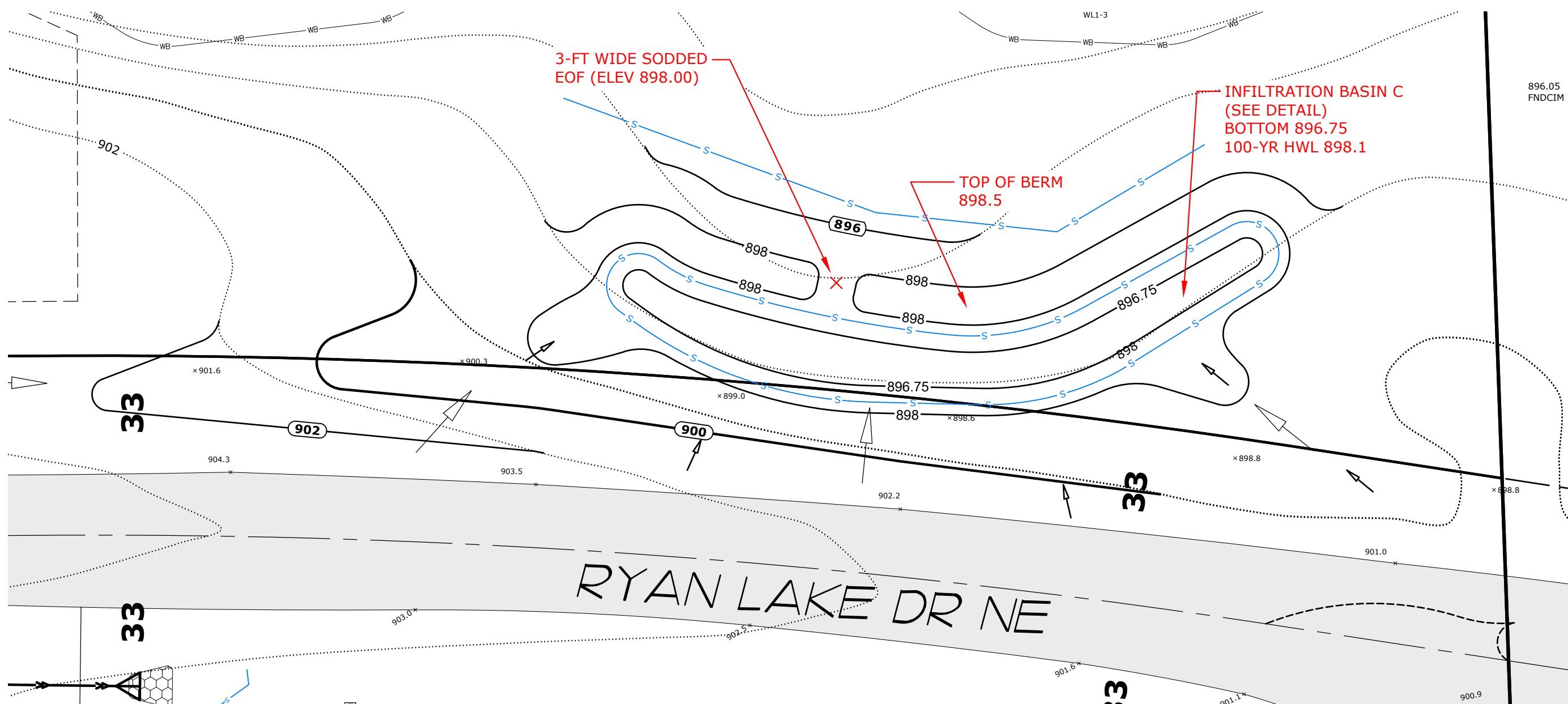
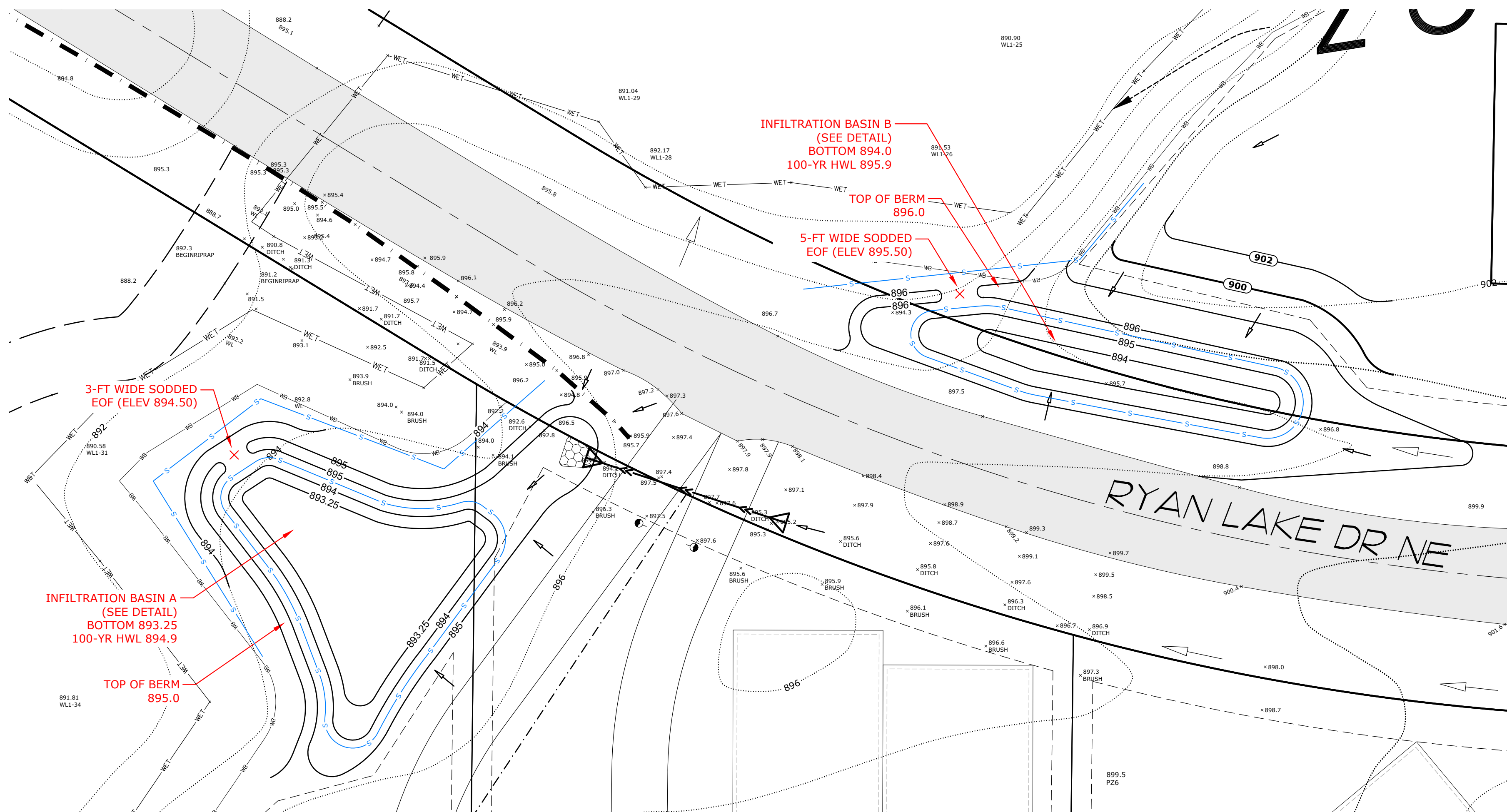
AFTER INFILTRATION BASIN AREA HAS BEEN EXCAVATED TO FINAL GRADE, PERFORM A DOUBLE-RING INFILTRMETER TEST(S) TO VERIFY INFILTRATION CAPACITY OF IN-SITU SOILS.



\*\* ALLEVIATE ANY COMPACTED SOILS (BY USING A PRIMARY TILLING OPERATION SUCH AS A CHISEL PLOW, RIPPER OR SUBSOILER) TO A DEPTH NECESSARY TO ALLEVIATE COMPACTION

- (1) REMOVE ANY EXISTING TOPSOIL OR FILL DEEMED UNSUITABLE FOR INFILTRATION (GEOTECHNICAL ENGINEER TO REVIEW ON-SITE SOILS)
- (2) IN AREAS OF FILL, PLACE SALVAGED ON-SITE SANDY SOILS SUITABLE FOR INFILTRATION WITH <5% FINES (AS DETERMINED BY GEOTECHNICAL ENGINEER)

\*SEE SHEET C3 FOR GRADING AND EROSION CONTROL NOTES



DRAWN BY:	M.Q.A.	DESIGN BY:	C.W.P.
CHKD BY:	M.Q.A.	PROJ. NO.	21-2008
ORIGINAL DATE:	DECEMBER 30, 2021		
DATE	REVISION DESCRIPTION		
2/10/22	CITY REVIEW #1		
2/25/22	CITY REVIEW #2		

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.

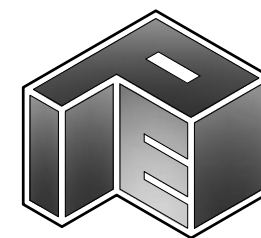
CHARLES W. FLOWE  
DATE: 02.25.2022  
LIC. NO. 19227

SUNRISE PINES

LINWOOD TOWNSHIP, MINNESOTA

INFILTRATION BASIN DETAILS

PREPARED FOR:  
CARRINGTON HOMES

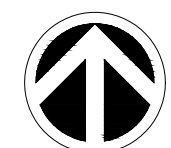


SITE PLANNING  
& ENGINEERING

**PLOWE**  
ENGINEERING, INC.

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


NORTH



0 10 20  
1 INCH = 20 FEET

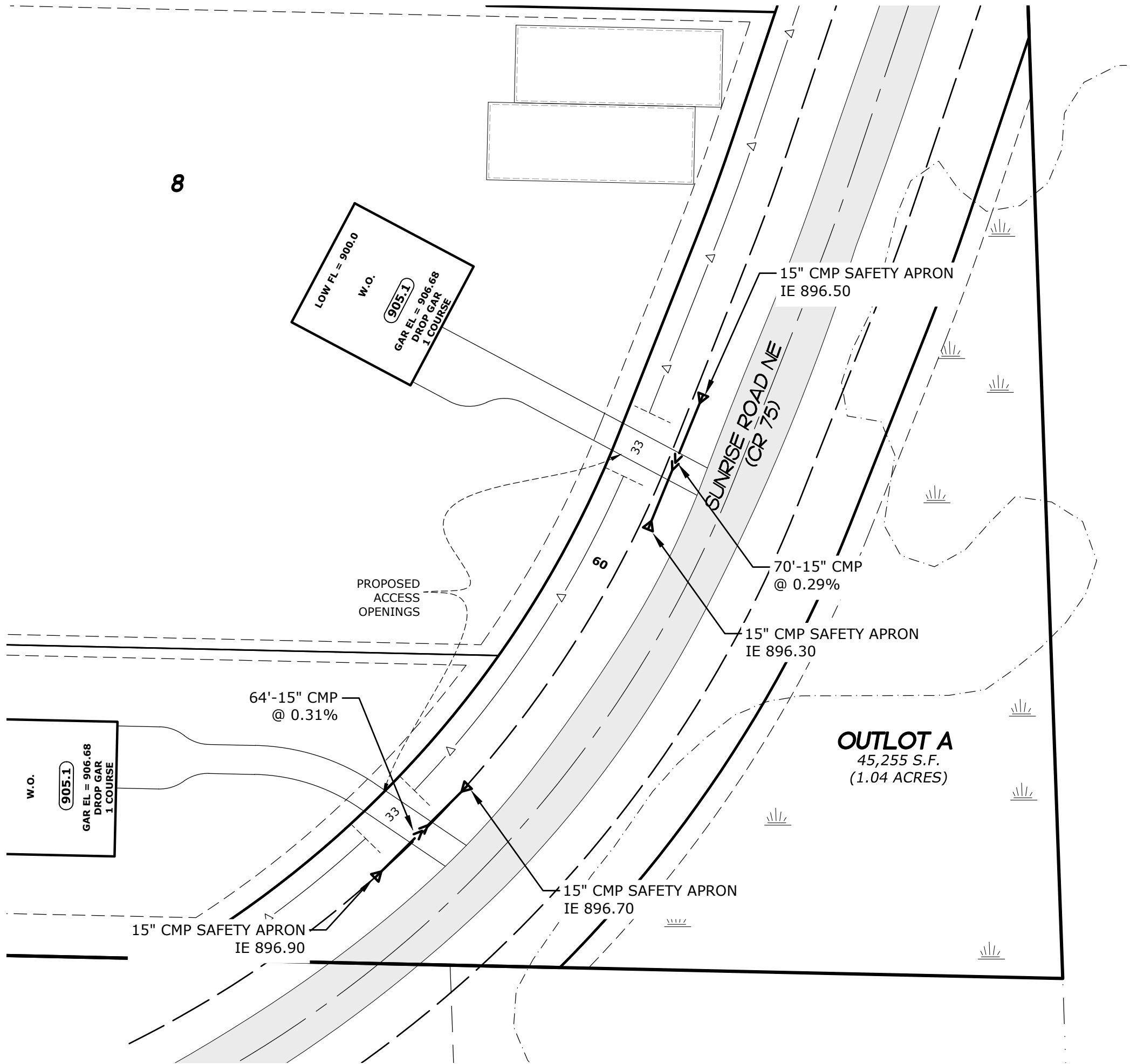
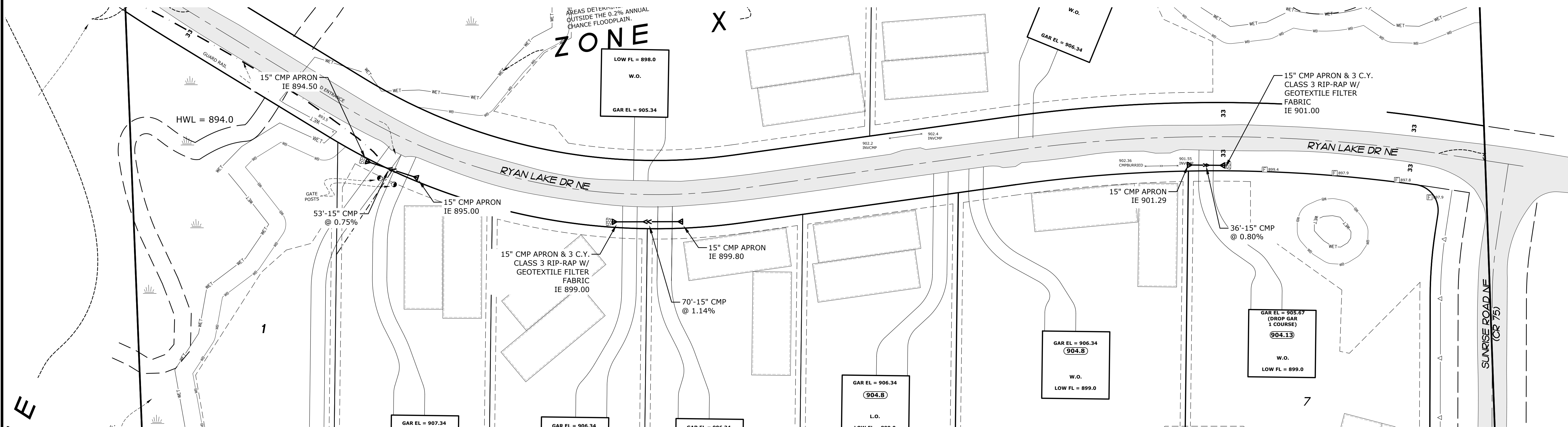
INFILTRATION BASIN DETAILS  
SUNRISE PINES

C1.3

  
CHARLES W. PLOWE

76 LAKE DRIVE  
SUITE 110  
MINNETONKA, MN 55014  
PHONE: (651) 361-8210  
FAX: (651) 361-8701





DRAWN BY: M.Q.A. DESIGN BY: C.W.P.  
CHKD BY: M.Q.A. PROJ. NO. 21-2008  
ORIGINAL DATE: DECEMBER 30, 2021

DATE	REVISION DESCRIPTION
2/10/22	CITY REVIEW #1
2/25/22	CITY REVIEW #2

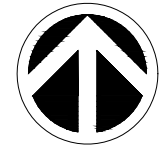
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Charles W. Plowe*  
CHARLES W. PLOWE  
DATE: 02.25.2022 LIC. NO. 18227

SUNRISE PINES  
LINWOOD TOWNSHIP, MINNESOTA  
UTILITY PLAN

PREPARED FOR:  
CARRINGTON HOMES

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

**NORTH**  
  
0 25 50  
1 INCH = 50 FEET

**C2**



Know what's below.  
Call before you dig.

UTILITY PLAN  
SUNRISE PINES

- 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 EROSION CONTROL MEASURES PRIOR TO GRADING OPERATIONS, IF NECESSARY.) ADDITIONAL SILT FENCE MAY BE NECESSARY IF LOCAL CONDITIONS REQUIRE.

- THE CONTRACTOR SHALL PROVIDE ALL SOD, SEED, MULCH AND FERTILIZER WHICH SHALL CONFORM WITH THE FOLLOWING MNDOT SPECIFICATIONS AS MODIFIED BELOW.

- \* MOW A MINIMUM OF ONCE PER 2 WEEKS
- \*\* SEEDED AREAS SHALL BE EITHER 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 IMPLACE IN THOSE AREAS PREVENT MIGRATION OF SEDIMENT ONTO ADJACENT PROPERTIES.
  - THE CONTRACTOR SHALL MAINTAIN SILT FENCE, INCLUDING THE REMOVAL OF ACCUMULATED SEDIMENT, THROUGH COMPLETION OF BUILDING CONSTRUCTION. SILT FENCE TO BE REMOVED ONLY AFTER COMPLETION OF BUILDING CONSTRUCTION AND UPON ESTABLISHMENT OF VEGETATION.
  - PROTECT ALL STORM WATER MANAGEMENT FACILITIES FROM CONSTRUCTION RUN-OFF. CONTRACTOR TO INSTALL AND CONSTRUCT SAID FACILITIES ONCE SITE HAS BEEN STABILIZED.
  - 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.
  - 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 SILT FENCE PLACED ON DOWNSTREAM SIDES.
  - 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 OR LITTERING SHALL HAVE OCCURRED OR BEEN OBSERVED.

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 ENSURE THAT ALL SITE PERSONNEL ARE INSTRUCTED IN THESE PRACTICES.

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

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

OFFSITE VEHICLE TRACKING - A ROCK CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. 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 OR LITTERING SHALL HAVE OCCURRED OR BEEN OBSERVED. DUMP TRUCKS HAULING LOOSE MATERIALS (SAND, TOPSOIL, ETC.) TO AND/OR FROM THE SITE SHALL BE COVERED WITH A TARPALIN.

VEHICLE CLEANING - NO ENGINE DEGREASING IS ALLOWED ON-SITE. EXTERNAL WASHING OF VEHICLES TO BE CONFINED TO A DEFINED AREA ("BONE YARD") ON-SITE. CONTRACTOR TO PROVIDE DESIGNATED TRUCK WASHOUT AREA WITH APPROPRIATE SIGNAGE. WASHOUT AREA IS TO BE A MINIMUM OF 50' FROM DITCHES, PONDS, OR OTHER STORMWATER FEATURES. ALL LIQUID AND SOLID WASTE GENERATED BY WASHOUT OPERATIONS MUST BE CONTAINED IN A LEAK-PROOF CONTAINMENT FACILITY OR IMPERMEABLE LINER (E.G. COMPACTED CLAY LINER, IMPERMEABLE GEO-MEMBRANE) AND DISPOSED OF PROPERLY.

SPILL PREVENTION AND CONTROL - ALL VEHICLES WILL BE CHECKED FOR LEAKING OIL AND FLUIDS. VEHICLES LEAKING FLUIDS WILL NOT BE ALLOWED ON-SITE. SPILL KITS WILL BE STORED ON-SITE AND ALL SPILLS WILL BE CLEANED UP IMMEDIATELY DISCOVERY. SPENT ABSORBENT MATERIALS AND RAGS WILL BE HAULED OFF-SITE IMMEDIATELY AFTER THE SPILL IS CLEANED UP AND PROPERTY DISPOSED OF. SPILL PREVENTION AND CONTROL MEASURES SHALL BE IMPLEMENTED ONCE CONSTRUCTION BEGINS.

SOIL STOCKPILES - INSTALL SLIT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS AROUND ALL TEMPORARY SOIL STOCKPILES. LOCATE SOIL OR DIRT STOCKPILES SUCH THAT DOWNSLOPE DRAINAGE LENGTH IS NO LESS THAN 8 M (25 FEET) FROM THE TOE OF THE PILE TO A SURFACE WATER, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THE DRAINAGE FOR THE STORMWATER, IF REMAINING FOR MORE THAN 7 DAYS, CANNOT BE PREVENTED BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS. DURING STREET REPAIR, COVER CONSTRUCTION SOIL OR DIRT STOCKPILES LOCATED CLOSER THAN 8 M (25 FEET) TO A ROADWAY OR DRAINAGE CHANNEL WITH TARPS, AND PROTECT STORM SEWER INLETS WITH SLIT SOCKS OR STAKED SLIT FENCE.

CONTRACTOR TO PROVIDE DESIGNATED CONCRETE TRUCK WASHOUT AREA WITH APPROPRIATE SIGNAGE. KEEP WASHOUT AREAS AS FAR AS PRACTICAL FROM STORM DRAINS, DITCHES AND PONDS. DO NOT ALLOW RUN-OFF FROM THIS AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE. AFTER WASTE CONCRETE IS SET, BREAK-UP AND DISPOSE OF PROPERLY.

THE CONTRACTOR MUST DISCHARGE TURBID OR SEDIMENT-LADEN WATERS RELATED TO DETERIORATING (E.G., PUMPED DISCHARGES, TRENCH/DITCH CUTS FOR DRAINAGE) TO A TEMPORARY OR PERMANENT SEDIMENTATION BASIN ON THE PROJECT SITE UNLESS INFEASIBLE. THE CONTRACTOR MAY DISCHARGE FROM THE TEMPORARY OR PERMANENT SEDIMENTATION BASINS TO SURFACE WATERS IF THE BASIN IS VISUALLY CLEAR AND IF THE DISCHARGE DOES NOT CAUSE A VIOLATION OF THE BAY AREA QUALITY MANAGEMENT PLAN. UNDER THESE CONDITIONS (SEE PERMITS 705010210, SUBP), THERE WILL BE NO TREATMENT FROM THE DISCHARGE. THE WATER CANNOT BE DISCHARGED TO A SEDIMENTATION BASIN PRIOR TO ENTERING THE SURFACE WATER, IT MUST BE TREATED WITH THE APPROPRIATE BMPs, SUCH THAT THE DISCHARGE DOES NOT ADVERSELY AFFECT THE RECEIVING WATER OR DOWNSTREAM PROPERTIES.



NOT TO SCALE



NOT TO SCALE







